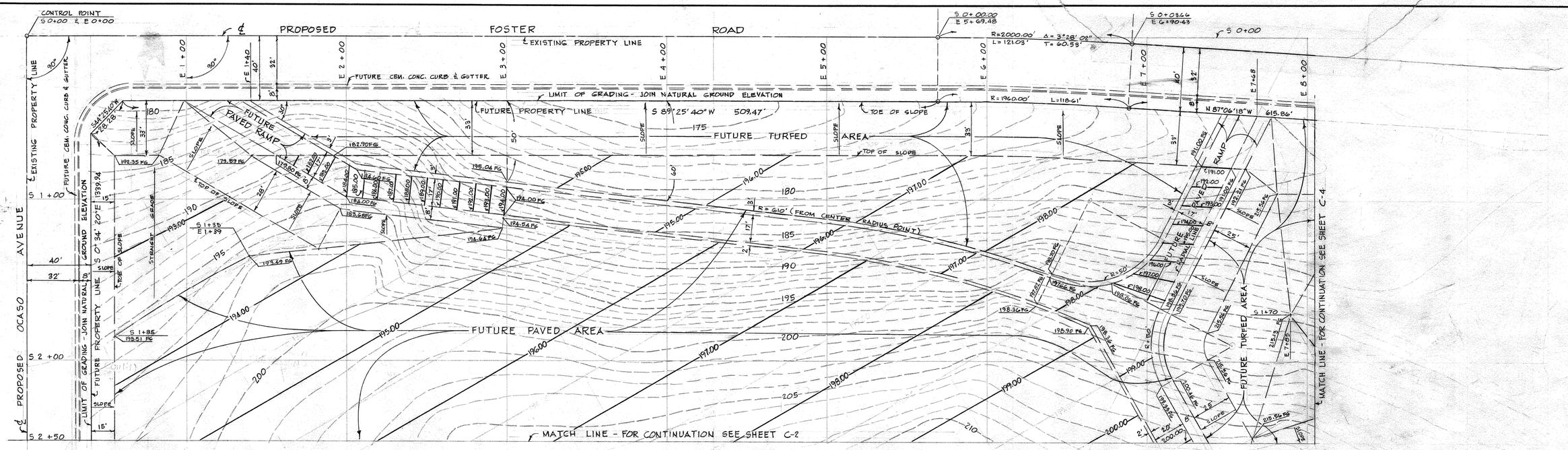


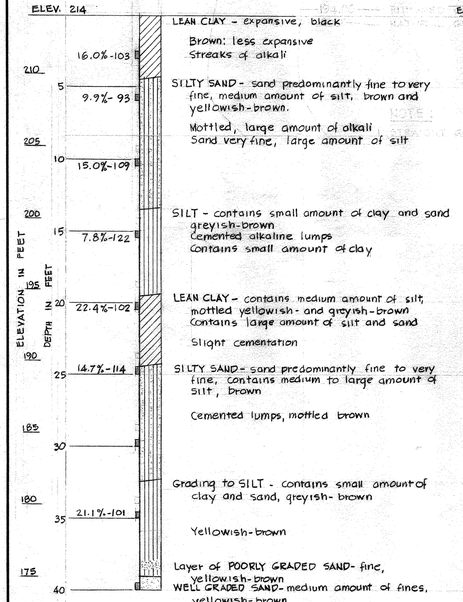
GRADING PLAN - AREA A
SCALE: 1"= 30'

BENCH MARK
S.Y. 4028 - SET L.A. CO. ROAD DEPT. MONUMENT, CASE AND COVER SANTA GERTRUDES AVE., AND ±1935' SO. OF INTER. IMPERIAL HIGHWAY AND SANTA GERTRUDES AVE. 17'± EAST OF P.P. H 356903-3 4'± W. ℄ OF SANTA GERTRUDES AVE. (LA MIRADA QUAD 1955)
ELEVATION = 267.455'

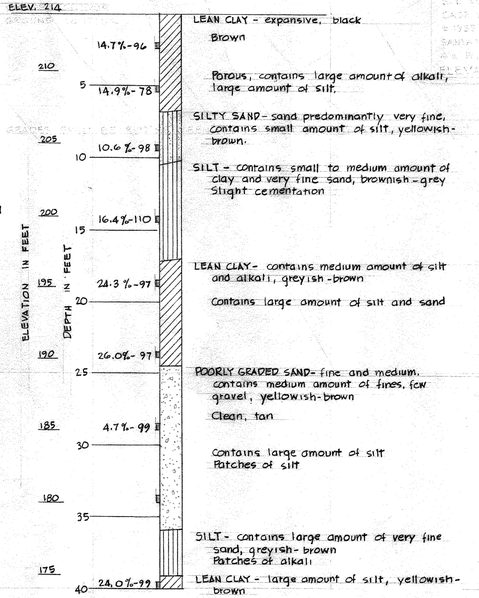
LEGEND
200.45 FG ELEVATION, NEW FINISHED GRADE
——194.00—— FINISHED GRADE CONTOUR
— — 200 — — NATURAL GROUND CONTOUR

NOTES:
(1) STRAIGHT GRADES SHALL BE RUN BETWEEN ALL FINISHED ELEVATIONS INDICATED.
(2) SEE SHEET C-5 FOR CONTINUATION OF BORING DATA.

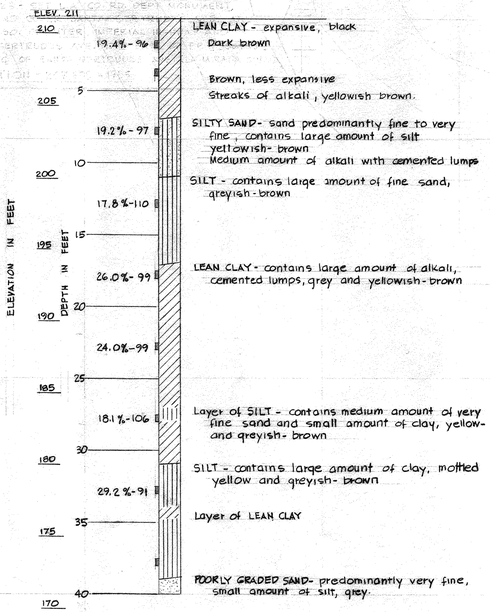
BORING Nº 1



BORING Nº 2



BORING Nº 3

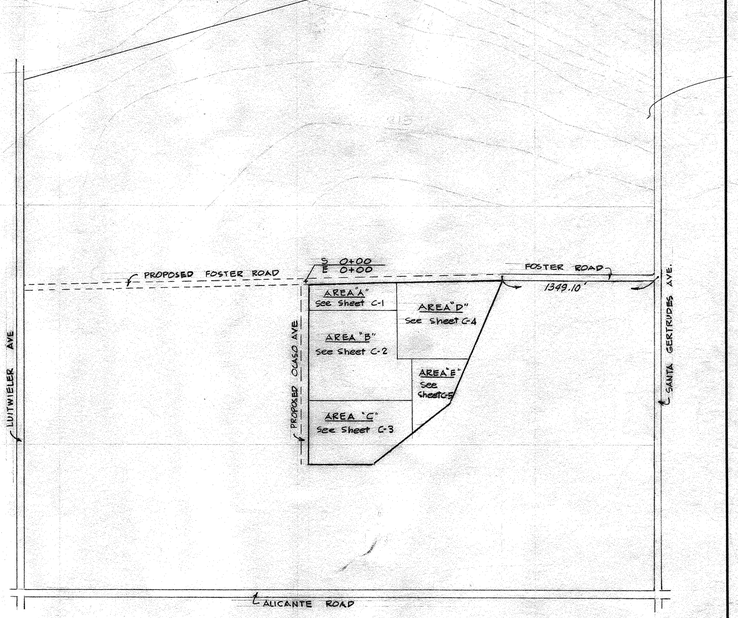


LOGS OF BORINGS

NOTES:
(1) GROUND WATER NOT ENCOUNTERED: NO CAVING
(2) SEE SHEET C-5 FOR BORINGS Nº 4 & Nº 5
(3) SOILS CLASSIFIED IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM

16" DIAMETER ROTARY-BUCKET HOLES DRILLED JUNE 9, 1958
(LEROY CRANDALL & ASSOCIATES)

KEY:
16.5%-108 — Indicates depth at which undisturbed sample obtained
Dry density in pounds per cubic foot
Field moisture content in percent of dry weight



VICINITY & AREA MAP
NO SCALE

FOR REFERENCE ONLY

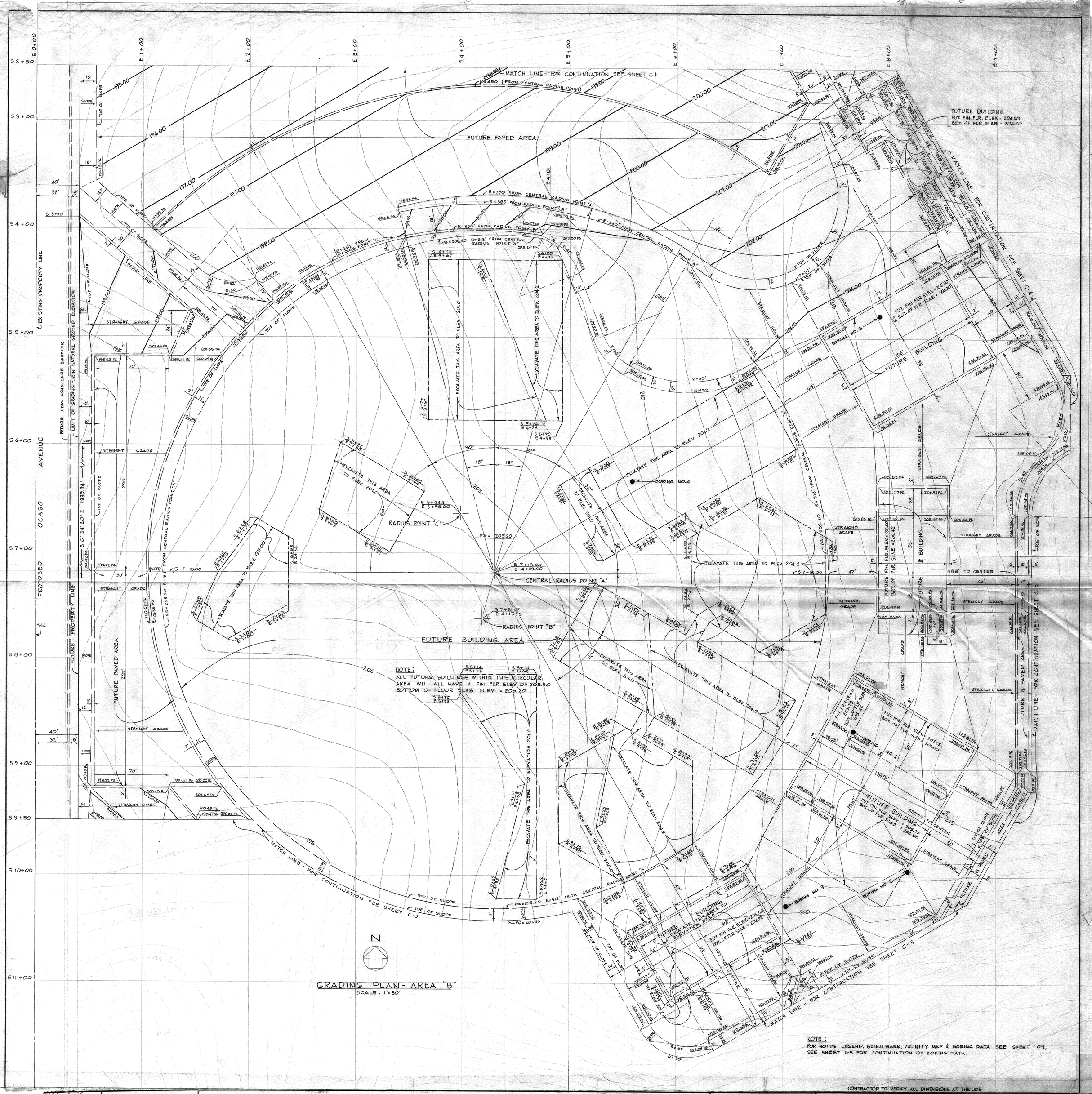
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER / CIVIL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
		ARCHITECTURE – ENGINEERING — LOS ANGELES, CALIFORNIA

GRADING PLAN AREA "A"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE OCT. 1958
DR. BY C.A.H. & T.S.B.
CHECKED BY [illegible]
JOB NO. 56-718

SHEET NO. C1 OF 5 SHEETS



GRADING PLAN - AREA "B"
SCALE: 1" = 30'

NOTE:
FOR NOTES, LEGEND, BENCH MARK, VICINITY MAP & BORING DATA SEE SHEET C-1, SEE SHEET C-5 FOR CONTINUATION OF BORING DATA.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA	GRADING PLAN AREA "B" LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER CIVIL ENGINEER		DATE OCT. 1958 DR. BY T.S.B. CHECKED BY JOB NO. 56-718

SHEET NO. C2 OF 5 SHEETS

MATCH LINE - FOR CONTINUATION SEE SHEET C-2

MATCH LINE FOR CONTINUATION SEE SHEET C-2

FUTURE PAVED AREA

FUTURE TURFED AREA

FUTURE PAVED AREA

FUTURE TURFED AREA

MATCH LINE FOR CONTINUATION SEE SHEET C-5

TOP OF SLOPE

TOE OF SLOPE

RADIAL LINE

RAMP

STRAIGHT GRADE

AVENUE OCASO

FUTURE CEM. CONC. CURB & GUTTER

LIMIT OF GRADING - JOIN NATURAL GROUND ELEVATION

FUTURE PROPERTY LINE

PROPOSED

ORIGINAL PROPERTY LINE R=2003.78' Δ=19°50'05" L=346.62'

NEW PROPERTY LINE N 52° 37' 35" E 871.69'

PROPERTY LINE S 88° 03' 20" E 506.11'

S 88° 03' 20" E 493.21'

N 63° 48' 30" E 114.35'

R=452.98' Δ=73°34'00" L=581.57'

S 9+50 · S 10+00 · S 10+49 · S 11+00 · S 12+00 · S 13+00 · S 14+00 · S 15+00 · S 15+50

E 0+00 · E 1+00 · E 2+00 · E 3+00 · E 4+00 · E 5+00 · E 6+00 · E 7+00 · E 8+00 · E 9+00 · E 9+50

S 15+25.14 E 0+07.87

S 15+49.16 E 5+54.06

NOTE:

FOR NOTES, LEGEND, BENCH MARK, VICINITY MAP & BORING DATA SEE SHEET C-1, SEE SHEET C-5 FOR CONTINUATION OF BORING DATA.

GRADING PLAN - AREA "C"

SCALE: 1"=30'

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

GRADING PLAN AREA "C"

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

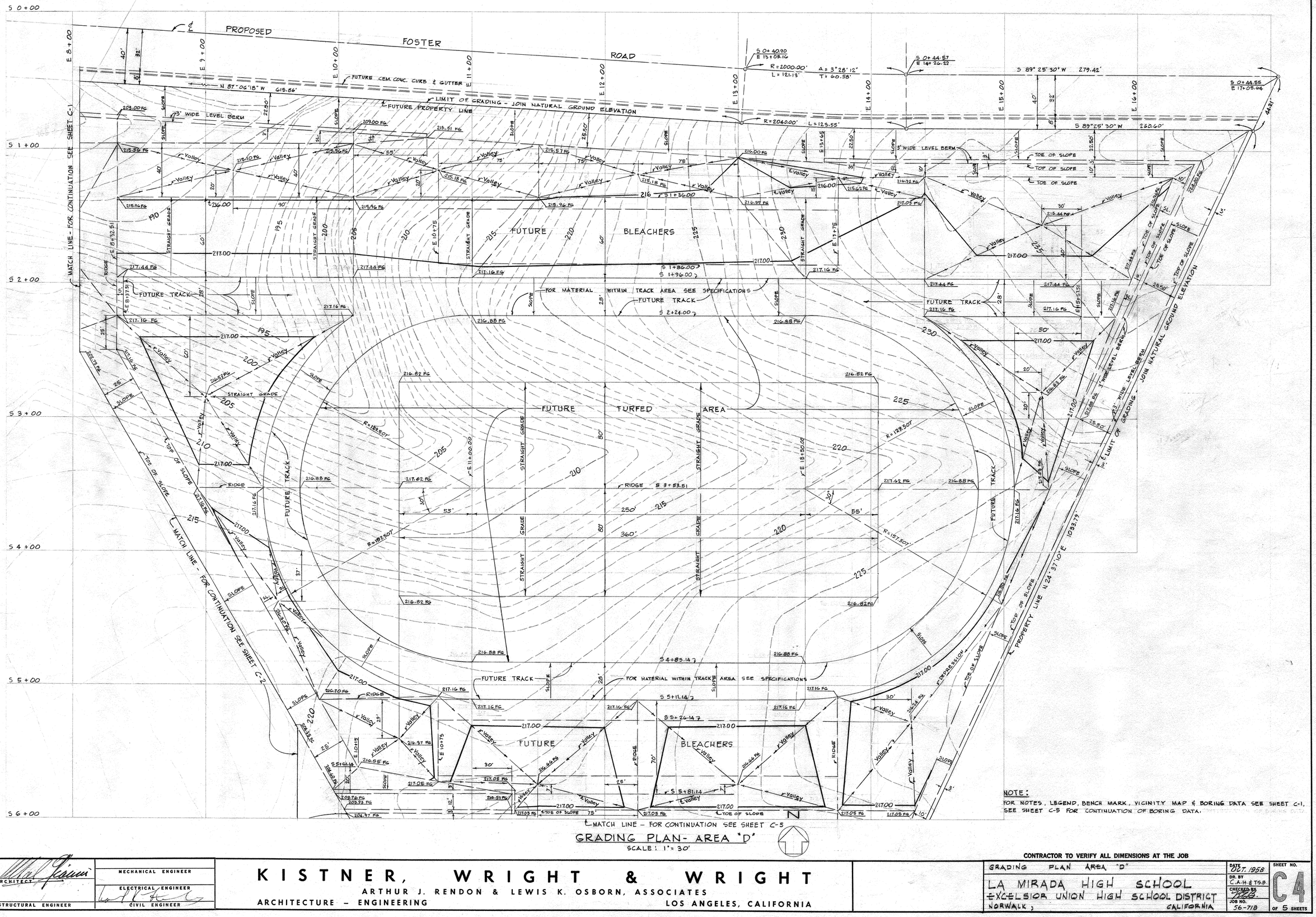
DATE: OCT. 1958

DR. BY: C.A.H. & T.S.B.

CHECKED BY: W.B.

JOB NO.: 56-718.

SHEET NO. C3 OF 5 SHEETS



GRADING PLAN- AREA "D"

SCALE: 1"= 30'

NOTE:

FOR NOTES, LEGEND, BENCH MARK, VICINITY MAP & BORING DATA SEE SHEET C-1, SEE SHEET C-5 FOR CONTINUATION OF BORING DATA.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER / CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

GRADING PLAN AREA "D"

LA MIRADA HIGH SCHOOL

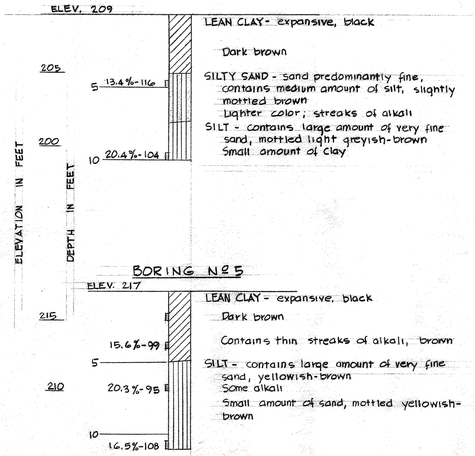
EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE OCT. 1958 | DR. BY C.A.H. & T.S.B. | CHECKED BY [illegible] | JOB NO. 56-718

SHEET NO. C4 OF 5 SHEETS

BORING Nº 4



BORING Nº 5

LOGS OF BORINGS (Cont'd)

16" DIAMETER ROTARY-BUCKET HOLES DRILLED JUNE 9.1958
LEROY CRANDALL & ASSOCIATES

NOTE: For Boring Note & Key See Sheet C-1



GRADING PLAN - AREA "E"
SCALE : 1"=30'

NOTE:
FOR NOTES, LEGEND, BENCH MARK, VICINITY MAP & BORING DATA SEE SHEET C-1.
SEE SHEET C-5 FOR CONTINUATION OF BORING DATA.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER / CIVIL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

GRADING PLAN AREA "E"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE OCT. 1958
DR. BY C.A.H. & T.G.B.
CHECKED BY
JOB NO. 56-718

SHEET NO. C5 OF 5 SHEETS

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C-4	PLOT SITE & GRADING PLAN AREA "D"
C-5	PLOT SITE & GRADING PLAN AREA "E"
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C-7	MISCELLANEOUS DETAILS
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ARCHITECTURAL & STRUCTURAL

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A-92	WINDOW & DOOR DETAILS
A-93	WINDOW & DOOR DETAILS
A-94	WINDOW & DOOR DETAILS
A-95	WINDOW & DOOR DETAILS
A-96	WINDOW & DOOR DETAILS
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S-33	E-4	ENLARGED PLANS - TRANSFORMER ENCLOSURE AND R.M.S.
S-34	E-5	ENLARGED PLANS - TRANSFORMER R.M.S.
S-35	E-6	SINGLE LINE DIAGRAM
S-36	E-7	LIGHTING PLAN UNITS "A" & "B"
S-37	E-8	POWER & SIGNAL PLAN UNITS "A" & "B"
S-38	E-9	LIGHTING PLAN UNITS "C" & "D"
S-39	E-10	POWER & SIGNAL PLAN UNITS "C" & "D"

ELECTRICAL & UTILITY

SHT. NO.	SHT. NO.	DESCRIPTION	SHT. NO.
S-40	E-11	ENLARGED PLANS - HEATER R.M.'S. 07 & 09, H-14 & 15, R-2 & R-6, R-17, R-17, R-24	E-11
S-41	E-12	LIGHTING PLAN UNITS "E" & "F"	E-12
S-42	E-13	POWER & SIGNAL PLAN UNITS "E" & "F"	E-13
S-43	E-14	LIGHTING PLAN UNITS "G" & "H"	E-14
S-44	E-15	POWER & SIGNAL PLAN UNITS "G" & "H"	E-15
S-45	E-16	LIGHTING PLAN ADMINISTRATION BLDG. UNIT "K"	E-16
S-46	E-17	POWER PLAN ADMINISTRATION BLDG. UNIT "K"	E-17
	E-18	SIGNAL PLAN ADMINISTRATION BLDG. UNIT "K"	E-18
	E-19	LIGHTING PLAN SCIENCE BLDG. UNIT "L"	E-19
	E-20	POWER & SIGNAL PLAN SCIENCE BLDG. UNIT "L"	E-20
	E-21	ENLARGED PLANS MECHANICAL R.M.'S. L-10 M-17 & M-18	E-21
P-1	E-22	LIGHTING PLAN HOMEMAKING BLDG. UNIT "M"	E-22
P-2	E-23	POWER & SIGNAL PLAN HOMEMAKING BLDG. UNIT "M"	E-23
P-3	E-24	LIGHTING PLAN GIRL'S SHOWER & LOCKER BLDG. UNIT "O"	E-24
P-4	E-25	POWER & SIGNAL PLAN GIRL'S SHOWER & LOCKER BLDG. UNIT "O"	E-25
P-5	E-26	LIGHTING PLAN BOY'S SHOWER & LOCKER BLDG. UNIT "P"	E-26
P-6	E-27	POWER & SIGNAL PLAN BOY'S SHOWER & LOCKER BLDG. UNIT "P"	E-27
P-7	E-28	LIGHTING PLAN GYMNASIUM BLDG. UNIT "Q"	E-28
P-8	E-29	POWER & SIGNAL PLAN GYMNASIUM BLDG. UNIT "Q"	E-29
P 9	E-30	DETAILS GYMNASIUM BLDG. UNIT "Q"	E-30
P 10	E-31	LIGHTING PLAN SHOP BLDG. UNIT "R"	E-31
P-11	E-32	POWER & SIGNAL PLAN SHOP BLDG. UNIT "R"	E-32
P-12	E-33	ELECTRICAL PLANS, UTILITY BLDG. UNIT "S"	E-33
P-13	E-34	LIGHTING PLAN MULTI-PURPOSE, MUSIC & CLASSROOM BLDG. UNIT "T"	E-34
P-14	E-35	POWER & SIGNAL PLAN MULTI-PURPOSE, MUSIC & CLASSROOM BLDG. UNIT "T"	E-35
P-15	E-36	ENLARGED POWER & SIGNAL PLAN - KITCHEN UNIT "T"	E-36
P-16	E-37	DETAILS UNIT "T"	E-37
	E-38	OUTSIDE LIGHTING PLAN	E-38
	E-39	DETAILS FOOTBALL FIELD CONTROL CENTER	E-39

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

SHEET INDEX

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. REIDON & LEWIS K OSBORN, ASSOCIATES

ARCHITECTURE - ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

17833 APPROVED JUN 5 1959

Per E Mauger

PRINCIPAL STRUCTURAL OR CIVIL ENGINEER

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

DATE
DR. BY
CHECKED BY
JOB NO. 59-71

SHEET NO. A1 OF

FINISH SCHEDULE (INTERIOR ONLY)

ROOM NUMBER	DESCRIPTION	FLOOR	BASE	WAINSCOT	WALL	CEILING	PAINT WALL	PAINT CEILING	REMARKS	ROOM NUMBER
		ASPHALT TILE · CEMENT · CERAMIC TILE · HARDWOOD · T&G FLOORING · VINYL TILE · 4" RUBBER COVE · CEMENT · CERAMIC TILE · WOOD SHOE · FLUSH WOOD · METAL COVE · STEEL ANGLE · CERAMIC TILE · PLYWOOD · PLYWOOD OVER 5/8 GYP BD. · PLYWOOD OVER PLAS. & STRIP · GLAZED MASONRY UNITS	PLASTER · CONCRETE · PLYWOOD · ACOUSTIC TILE OVER PLYWD. · ACOUSTIC TILE OVER PLASTER · 5/8 GYPSUM BOARD · PLYWOOD OVER 5/8" GYPSUM BOARD · CERAMIC TILE · 3/16" PERFORATED HARDBD. · ACOUSTIC TILE OVER PLYWOOD OVER STRIPPING & PLASTER	PLASTER · CONCRETE · ACOUSTIC TILE · ACOUSTIC TILE OVER PLAS. · ACOUSTIC TILE OVER 2" PLANKING · STEEL BMS. ON GIRDERS · 2" PLANKING · EXPOSED RAFTERS · ACOUSTIC TILE · 1/8 MONOPLAST - SEE SPECS	FIBRE-MOLD CEIL. TRIM · PLASTER · ACOUSTIC TILE · PLYWOOD · CONCRETE · MASONRY · 3/16" PERFORATED HARDBD.	PLASTER · ACOUSTIC TILE · CONCRETE · STL. BMS. ON GIRDERS · EXPOSED WD. RAFTERS · 2" PLANKING · FIBRE-MOLD	EXTERIOR STL. DRS. & TRIM · EXTERIOR WD. DRS. & TRIM · INTERIOR WD. DRS. & TRIM · STEEL SASH & TRIM · WOOD SASH & TRIM · CASEWORK · WOODWORK · OTHER TRIM	12"x12" SPRINKLING @ CEILING	ROUGH CEILING HEIGHT BOTTOM OF CEIL. JOISTS		
A-1	FACULTY OFFICE	●			(1)	(1)	S.G.		S.G.		S.G. LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL WEST & SOUTH WALL	A-1
A-2	CUSTODIAN	●			(1)	(1)			S.G.		LOS	S.G.	16" O.C.	VARIES		A-2
A-3	MECHANICAL ROOM	●			(1)	(2)			S.G.			S.G.	16" O.C.	VAR. HTS.		A-3
A-4	FACULTY OFFICE	●			(1)	(1)	S.G.		S.G.	S.G.	S.G. LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL WEST WALL	A-4
A-5	CLASSROOM - SOCIAL STUDIES	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"	(17) 2" MINERAL WOOL IN CEIL.	A-5
A-6	CLASSROOM - SOCIAL STUDIES	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"	(17) 2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL SOUTH WALL	A-6
A-7	CLASSROOM - SOCIAL STUDIES	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL SOUTH WALL	A-7
A-8	CLASSROOM - SOCIAL STUDIES	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL.	A-8
A-9	CLASSROOM - SOCIAL STUDIES	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL.	A-9
A-10	CLASSROOM - SOCIAL STUDIES	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL SOUTH WALL	A-10
B-1	LOCKER ROOM	●			(1)		S.G.		S.G.	S.G.	S.G.	S.G.	11'-0"	9'-8½"		B-1
B-2	MEN	●			(1)		S.G.		S.G.			S.G.	16" O.C.	9'-8½"		B-2
B-3	ENTRY	●			(1)	(1)	S.G.		S.G.	S.G.	S.G.	S.G.	16" O.C.	9'-8½"		B-3
B-4	BOY'S TOILET	●	SEE WAINSCOT		(3)	(6)	S.G.			S.G.	S.G.	S.G.	11'-0"	9'-8½"		B-4
B-5	GIRL'S TOILET	●	SEE WAINSCOT		(3)	(6)	S.G.			S.G.	S.G.	S.G.	11'-0"	9'-8½"		B-5
B-6	ENTRY	●			(1)	(1)	S.G.		S.G.	S.G.	S.G.	S.G.	16" O.C.	9'-8½"		B-6
B-7	WOMEN	●			(1)	(1)	S.G.		S.G.			S.G.	16" O.C.	9'-8½"		B-7
B-8	CLASSROOM - SOC. STUDIES	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL.	B-8
B-9	CLASSROOM - SOC. STUDIES	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL SOUTH WALL	B-9
B-10	CLASSROOM - SOC. STUDIES	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"	(17) 2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL SOUTH WALL	B-10
B-11	CLASSROOM - SOC. STUDIES	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL.	B-11
B-12	SPECIAL ASSIGNMENT	(7)			(1)	(6)	S.G.		F.W. S.G.	S.G. S.G.	S.G.	S.G.	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL.	B-12
B-13	MECHANICAL ROOM	●			(2)	(7)				S.G.		S.G.	16" O.C.	VARIES		B-13
B-14	SPECIAL ASSIGNMENT	(7)			(1)	(6)	S.G.		F.W. S.G.	S.G. S.G.	S.G.	S.G.	12" O.C.	8'-2½" & 9'-8½"	2" MINERAL WOOL IN CEIL.	B-14
C-1	CUSTODIAN	●			(2)	(2)				S.G.	S.G. LOS	S.G.	16" O.C.	VARIES		C-1
C-2	MECHANICAL ROOM	●			(2)	(2)				S.G.		S.G.	16" O.C.	VAR. HTS.		C-2
C-3	WORK ROOM	●			(1)		S.G.			S.G.	S.G. LOS	S.G.	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL WEST WALL	C-3
C-4	INSTRUCTIONAL OFFICE	●			(1)		S.G.			S.G.	S.G. LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL WEST & NORTH WALL	C-4
C-5	TEMPORARY LIBRARY	●					F.W. LOS.		F.W. S.G.	S.G.	LOS LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL NORTH WALL	C-5
C-6	CLASSROOM - LANGUAGE	●					F.W. LOS.		F.W. S.G.	S.G.	LOS LOS	LOS	11'-0"	9'-8½"	(17) 2" MINERAL WOOL IN CEIL.	C-6
C-7	CLASSROOM - LANGUAGE	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL.	C-7
C-8	CLASSROOM - LANGUAGE	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL.	C-8
D-1	LOCKER ROOM	●			(1)		S.G.			S.G.	S.G.	S.G.	11'-0"	9'-8½"		D-1
D-2	CLASSROOM - TYPING	●					F.W. LOS.		F.W. S.G.	S.G.	LOS LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL NORTH WALL	D-2
D-3	CLASSROOM - BUSINESS EDUC.	●					F.W. LOS.		F.W. S.G.	S.G.	LOS LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL.	D-3
D-4	CLASSROOM - BUSINESS EDUC.	●					F.W. LOS.		F.W. S.G.	S.G.	LOS LOS	LOS	11'-0"	9'-8½"	(18) 2" MINERAL WOOL IN CEIL.	D-4
D-5	CLASSROOM - BUSINESS EDUC.	●					F.W. LOS.		F.W. S.G.	S.G.	LOS LOS	LOS	11'-0"	9'-8½"	(18) 2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL NORTH WALL	D-5
D-6	TRANSFORMER ROOM	●			(2)	(2)				S.G.		S.G.	16" O.C.	VAR. HTS.		D-6
D-7	MECHANICAL ROOM	●			(2)	(2)				S.G.		S.G.	16" O.C.	VAR. HTS.		D-7
D-8	ELECTRICAL ROOM	●			(2)	(2)				S.G.		S.G.	16" O.C.	VAR. HTS.		D-8
D-9	HEATER ROOM	●			(2)	(2)				S.G.		S.G.	16" O.C.	VARIES	[illegible] SEE NOTE (31)	D-9
E-1	CUSTODIAN	●			(2)	(2)				S.G.	S.G. LOS	S.G.	16" O.C.	VAR. HTS.		E-1
E-2	TRANSFORMER ROOM	●			(2)	(2)				S.G.		S.G.	16" O.C.	VARIES		E-2
E-3	MECHANICAL ROOM	●			(2)	(2)				S.G.		S.G.	16" O.C.	VARIES		E-3
E-4	FACULTY OFFICE	●			(1)	(1)	S.G.			S.G.	S.G. LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL WEST WALL	E-4
E-5	CLASSROOM - MATH	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL.	E-5
E-6	CLASSROOM - MATH	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"	(19) 2" MINERAL WOOL IN CEIL.	E-6
E-7	CLASSROOM - MATH	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"		E-7
E-8	CLASSROOM - MATH	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL WEST WALL	E-8
E-9	CLASSROOM - MATH	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL WEST WALL	E-9
E-10	CLASSROOM - MATH	●					F.W. LOS.		F.W. S.G.		LOS LOS	LOS	11'-0"	9'-8½"		E-10

CLASSROOM UNITS 24'-0"

LEGEND

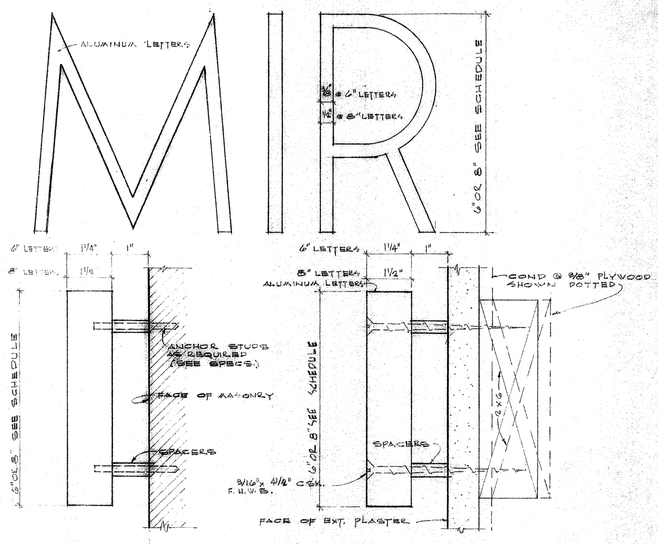
E. = GLOSS ENAMEL
S.G. = SEMI-GLOSS ENAMEL
L.O.S. = LEAD & OIL STAIN

F.W. = FLAT WALL PAINT
N. = NATURAL
F.E. = FLAT ENAMEL
A. = ACRYLIC PAINT

FINISH NOTES:

(1) = PUTTY COAT FINISH
(2) = SAND FLOAT FINISH
(3) = KEENE'S CEMENT FINISH
(4) = ACOUSTIC TILE OVER 2" PLANKING
(5) = ACOUSTIC PLASTER
(6) = ACOUSTIC TILE TO HAVE FACTORY FINISH BAKED ENAMEL
(7) = GREASE PROOF NON-PAINT TILE
(8) = COLOR IN CEMENT FLOOR & BASE
(9) = 7'-0" HIGH CERAMIC TILE WAINSCOT
(10) = 4'-0" HIGH CERAMIC TILE WAINSCOT @ URINAL ONLY
(11) = SLOW BURNING ACOUSTIC TILE
(12) = COLOR IN CEMENT FLOOR
(13) = SEE SPECS FOR FINISHING OF HARDWD. FLOORING
(14) = 5/8" PLYWOOD OVER PLAS. & STRIPPING, CHAIR RAIL ABOVE (A49/E) V.G.U.T. PLYWD. SUNITE
(15) = PORTLAND CEMENT PLASTER - (FLOAT FINISH)
(16) = ACOUSTIC TILE ON WALLS DOWN TO CHAIR RAIL (A49/E)
(17) = * PARTIAL WEST WALL
(18) = * PARTIAL EAST WALL
(19) = * PARTIAL SOUTH WALL
(20) = * PARTIAL NORTH WALL
(21) = * ALL WALLS
(22) = * ALL WALLS TO CHAIR RAIL (A49/E)
(23) = * SEE INTERIOR ELEVS.
(24) = * 25/32" X 2¼" MAPLE FLOORING - SEE SPECS. FOR FINISHING.
(25) = * 25/32" X 2¼" DOUGLAS FIR FLOORING - SEE SPECS. FOR FINISHING
(26) = * EAST WALL
(27) = * WEST WALL
(28) = 3/4" FURRING E³ - 1½" RUNNER E³
(29) = SEE INTERIOR ELEVATIONS - DETAILS & SPECS.
(30) = 1" N. MAPLE TREADS - 3/4" MAPLE RISERS & 29/32 - 2¼" MAPLE FLOORING @ STAIRWAY & LANDING. SEE SPECS FOR FINISHING.
(31) = AT 1-HOUR SEPARATIONS EXTEND PLASTER ON WALL TO BOTTOM SIDE OF ROOF SHEATHING.
(32) = 1" UNSANDED WOODFIBER GYPSUM PLASTER & METAL LATH - TO EXTEND TO BOTTOM SIDE OF ROOF SHTG. SEE 1ST ELEVS. SHT. A67 & A69 (F-1) (F-3) (F-4) (F-6) (F-7) (F-8)
(11) = 3/8" VERTICAL GRAIN DOUGLAS FIR PLYWOOD.

NOTE: IN ANY ROOM THAT HAS ANY HARDWOOD VENEER WALLS AND/OR WAINSCOT, ALL EXPOSED WOOD MULLIONS, PR. DRS., CABINETS, TRIM, MOLDING, DOORS, ETC. SHALL MATCH THE HARDWOOD VENEER SCHEDULED OR SHOWN.
(34) = * NORTH WALL



SCHOOL NAME (PROVIDE 18 LETTERS)

CLASSROOM	550	GIRLS SHOWERS	600
CLASSROOM	150	BOYS SHOWERS	700
CLASSROOM	250	GYMNASIUM	650
CLASSROOM	350	SHOP	750
ADMINISTRATION	100	UTILITY	800
SCIENCE	200	MULTI-PURPOSE	500
HOMEMAKING, ARTS, CRAFTS	300		

NOTE: PROVIDE 18 - 8" LETTERS & 174 - 6" LETTERS. SEE EXTERIOR ELEVATIONS FOR LOCATION OF SCHOOL NAME & UNIT NAME.

LETTER SCHEDULE

ALUMINUM LETTERS

NOTE: ARCHITECTS FULL SIZE LETTER, DETAILS, SPACING & LOCATION TO BE SUBMITTED FOR APPROVAL. CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB (A2/A)

ARCHITECT: Mel Kistner
STRUCTURAL ENGINEER: [illegible]
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
APPROVED JAN 5 - 1959
Per: E Mary
DISTRICT STRUCTURAL ENGINEER

FINISH SCHEDULE & DETAILS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY J.R.S., K.O.M.
CHECKED BY C.E.S.
JOB NO. 56-71

SHEET NO. A2
OF 248 SHEETS

FINISH SCHEDULE (INTERIORS ONLY)

ROOM NUMBER	DESCRIPTION	FLOOR	BASE	WAINSCOT	WALL	CEILING	PAINT WALL	PAINT CEILING	ROUGH CEILING HEIGHT BOTTOM OF CEIL. JOISTS	REMARKS	ROOM NUMBER
		ASPHALT TILE CEMENT CERAMIC TILE HARDWOOD T & G FLOORING VINYL TILE	4" RUBBER COVE CEMENT CERAMIC TILE WOOD SHOE FLUSH WOOD METAL COVE STEEL ANGLE CERAMIC TILE	CERAMIC TILE PLYWOOD PLYWD. OVER 3/8" GYP. BD. PLYWOOD OVER PLAS. & STRIP GLAZED MASONRY UNITS	PLASTER CONCRETE PLYWOOD ACOUSTIC TILE OVER PLYWD. ACOUSTIC TILE OVER PLAS. PLYWOOD OVER 3/8" GYPSUM BD. CERAMIC TILE 3/16" FIBERGLASS REINFORCED HARDBD. ACOUSTIC TILE OVER PLYWOOD OVER STRIPPING & PLASTER	CONCRETE ACOUSTIC TILE ACOUSTIC TILE OVER PLAS. ACOUSTIC TILE OVER PLYWD. OVER PLAS. OR STEEL BMS. OR GIRDERS 2" PLANKING EXPOSED RAFTERS ACOUSTIC TILE OVER PLYWD. OVER PLAS. 1/8 MONOPLASTIC FIBERGLASS FIBER MOLD CEIL. TRIM	PLASTER ACOUSTIC TILE PLYWOOD CONCRETE MASONRY 3/16" FIBERGLASS REINFORCED HARDBD.	PLASTER ACOUSTIC TILE CONCRETE STL. BMS. OR GIRDERS EXPOSED WD. RAFTERS 2" PLANKING FIBERMOLD	EXTERIOR STL. DRS. & TRIM EXTERIOR WD. DRS. & TRIM INTERIOR WD. DRS. & TRIM STEEL SASH & TRIM WOOD SASH & TRIM CASEWORK WOODWORK OTHER TRIM	2 COATS STRIPPING @ CEIL.			
F-1	LOCKER ROOM	●	●		●	●	S.G.		S.G. S.G. S.G.	9'-8½"		F-1
F-2	MEN	●	●	⑮		①	S.G.		S.G.	9'-8½"		F-2
F-3	ENTRY	●	●		① ②	①	S.G.	S.G.	L.G. S.G. S.G.	9'-8½"		F-3
F-4	BOY'S TOILET	●	SEE WAINSCOT	④	②	⑥	S.G.		S.G.	9'-8½"		F-4
F-5	GIRL'S TOILET	●	SEE WAINSCOT	④	②	⑥	S.G.		S.G. S.G.	9'-8½"		F-5
F-6	ENTRY	●	●		①	①	S.G.	S.G.	S.G. S.G. S.G.	9'-8½"		F-6
F-7	WOMEN	●	●		①	①	S.G.	S.G.	S.G.	9'-8½"		F-7
F-8	CLASSROOM - HEALTH	●	●		●	●	F.W. L.G.		L.G. L.G. L.G.	9'-8½"	2" MINERAL WOOL IN CEIL.	F-8
F-9	CLASSROOM - ENGLISH	●	●		●	●	F.W. L.G.		L.G. L.G. L.G.	9'-8½"	2" MINERAL WOOL IN CEIL.	F-9
F-10	CLASSROOM - ENGLISH	●	●		●	●	F.W. L.G.		L.G. L.G. L.G.	9'-8½"	㉔ 2" MINERAL WOOL IN CEIL.	F-10
F-11	CLASSROOM - HEALTH	●	●		●	●	F.W. L.G.		L.G. L.G. L.G.	9'-8½"	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL WEST WALL	F-11
F-12	MECHANICAL ROOM	●	●		②	②	S.G.		S.G.	VAR.	VAP-IBS	F-12
F-13	TEXTBOOK-AIDS-WORK & STORAGE	●	●		①	L.G.	S.G.		L.G. S.G.	8'-8½" & 9'-8½"	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL WEST WALL	F-13
G-1	LOCKER ROOM	●	●		①	⑥	L.G.		S.G. S.G. S.G.	9'-8½"		G-1
G-2	CLASSROOM - ENGLISH	●	●		● ㉗	● ㉗	F.W. L.G.		L.G. L.G. L.G.	9'-8½"	2" MINERAL WOOL IN CEIL.	G-2
G-3	CLASSROOM - ENGLISH	●	●		● ㉗	● ㉗	F.W. L.G.		L.G. L.G. L.G.	9'-8½"	2" MINERAL WOOL IN CEIL.	G-3
G-4	CLASSROOM - ENGLISH	●	●		●	●	F.W. L.G.		L.G. L.G. L.G.	9'-8½"	2" MINERAL WOOL IN CEIL.	G-4
G-5	CLASSROOM - ENGLISH	●	●		●	●	F.W. L.G.		L.G. L.G. L.G.	9'-8½"	2" MINERAL WOOL IN CEIL.	G-5
G-6	CLASSROOM - SPECIAL EDUC.	●	●		●	●	F.W. L.G.	S.G.	L.G. L.G. L.G.	9'-8½"	2" MINERAL WOOL IN CEIL. ㊺	G-6
G-7	CLASSROOM - SPECIAL EDUC.	●	●		●	●	F.W. L.G.	S.G.	L.G. L.G. L.G.	9'-8½"	2" MINERAL WOOL IN CEIL. ㊽	G-7
G-8	MECHANICAL ROOM	●	●		②	②	S.G.		S.G.	VARIES		G-8
G-9	WORK ROOM	●	●		①	●	L.G.	S.G.	S.G. L.G. L.G.	8'-10½"	2" MINERAL WOOL IN CEIL.	G-9
G-10	SPECIAL EDUCATION OFFICE	●	●		①	●	L.G.	S.G.	S.G. L.G. L.G.	8'-10½"	2" MINERAL WOOL IN CEIL.	G-10
G-11	WORK ALCOVE	●			●	●	L.G.	S.G.	L.G. L.G. L.G.	8'-10½"	2" MINERAL WOOL IN CEIL.	G-11
G-12	CUSTODIAN	●	●		②	②	S.G.		S.G. L.G.	VARIES		G-12
H-1	HEATING ROOM	●	●		②	②	S.G.		S.G.	VARIES	1-HR. SEPARATION ㉛	H-1
H-2	ELECTRICAL ROOM	●	●		②	②	S.G.		S.G.	VARIES		H-2
H-3	MECHANICAL ROOM	●	●		②	②	S.G.		S.G.	VARIES		H-3
H-4	TOWN & FOOD MEN ROOM	●	●		②	②	S.G.		S.G.	VARIES		H-4
H-5	CLASSROOM - ENGLISH	●	●		●	●	F.W. L.G.	S.G.	L.G. L.G. L.G.	9'-8½"	㊼ 2" MINERAL WOOL IN CEIL.	H-5
H-6	CLASSROOM - JOURNALISM	●	●		●	●	F.W. L.G.	S.G.	L.G. L.G. L.G.	9'-8½"	㊼ 2" MINERAL WOOL IN CEIL.	H-6
H-7	JOURNALISM - WORK ROOM	●	●		①	●	L.G.	S.G.	L.G. L.G. L.G.	9'-8½"	2" MINERAL WOOL IN CEIL.	H-7
H-8	ENGLISH - DEPT. OFFICE	●	●	⑭	① ●	●	L.G.	S.G.	L.G. L.G. L.G.	9'-8½"	2" MINERAL WOOL IN CEIL.	H-8
H-9	CLASSROOM - ENGLISH	●	●		● ㉙	● ㉙	F.W. L.G.	S.G.	L.G. L.G. L.G.	9'-8½"	2" MINERAL WOOL IN CEIL.	H-9
H-10	CLASSROOM - ENGLISH	●	●		● ㉜	● ㉜	F.W. L.G.	S.G.	L.G. L.G. L.G.	9'-8½"	2" MINERAL WOOL IN CEIL.	H-10
K-1	ATTENDANCE	●	●		①	⑫	L.G.	S.G.	S.G. S.G. S.G.	VARIES	2" MINERAL WOOL IN CEIL.	K-1
K-2	SECRETARY	●	●		①	⑫	L.G.	S.G.	S.G. L.G.	VARIES	2" MINERAL WOOL IN CEIL.	K-2
K-3	ATTENDANCE DIRECTOR	●	●		①	⑫	L.G.	S.G.	S.G. L.G. L.G.	VARIES	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL WEST WALL ⑭	K-3
K-4	BOY'S DEAN	●	●	●	①	⑫	L.G.	S.G.	S.G. L.G. L.G.	VARIES	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL WEST WALL ⑭	K-4
K-5	STUDENT COUNCIL	●	●		●	⑫	L.G.	S.G.	S.G. L.G. L.G.	VARIES	2" MINERAL WOOL IN CEIL.	K-5
K-6	COUNSELOR	●	●		●	⑫	L.G.	S.G.	L.G.	8'-1"	2" MINERAL WOOL IN CEIL.	K-6
K-7	SECRETARY	●	●		①	⑫	L.G.	S.G.	S.G. L.G.	8'-1"	2" MINERAL WOOL IN CEIL.	K-7
K-8	GIRL'S DEAN	●	●		①	⑫	L.G.	S.G.	S.G. L.G.	VARIES	2" MINERAL WOOL IN CEIL.	K-8
K-9	COUNSEL	●	●	●	①	⑫	L.G.	S.G.	S.G. L.G. L.G.	VARIES	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL WEST WALL ⑭	K-9
K-10	COUNSELOR	●	●		●	⑫	L.G.	S.G.	S.G. L.G. L.G.	VARIES	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL SOUTH WALL ⑭	K-10
K-11	CONFERENCE	●	●		●	⑫	L.G.	S.G.	L.G.	8'-1"	2" MINERAL WOOL IN CEIL.	K-11
K-12	COUNSEL	●	●	●	①	⑫	L.G.	S.G.	S.G. L.G. L.G.	VARIES	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL N.W. WALL ⑭	K-12
K-13	COUNSEL	●	●		●	⑫	L.G.	S.G.	S.G. L.G. L.G.	VARIES	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL N.W. WALL ⑭	K-13
K-14	VAULT	●								9'-6"		K-14
K-15	RECORDS	●	●		①		S.G.			VARIES	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL N.W. WALL	K-15
K-16	CONFERENCE	●	●		●	⑫	L.G.	S.G.	S.G.	VARIES	2" MINERAL WOOL IN CEIL. 1" MINERAL WOOL N.W. & WEST WALL	K-16
K-17	SECRETARY	●	●		●	⑫	L.G.	S.G.		8'-1"	2" MINERAL WOOL IN CEIL.	K-17
K-18	COUNSEL	●	●	●	①	⑫	L.G.	S.G.	S.G. L.G. L.G.	VARIES	2" MINERAL WOOL IN CEIL. ⑭	K-18
K-19	ASST. PRINCIPAL	●	●		●	⑫	L.G.	S.G.	S.G. L.G. L.G.	VARIES	2" MINERAL WOOL IN CEIL. ⑭	K-19
K-20	SECRETARY	●	●		●	⑫	L.G.	S.G.	S.G.	VARIES	2" MINERAL WOOL IN CEIL.	K-20

ROOM NUMBERS — DESCRIPTION — FLOOR — BASE — WAINSCOT — WALL — CEILING — PAINT WALL — PAINT CEILING — ROUGH CEILING HEIGHT BOTTOM OF CEIL. JOISTS — REMARKS — ROOM NUMBERS

ADMINISTRATION UNIT "K" — CLASSROOM UNITS "E" & "F" — CLASSROOM UNITS "G" & "H"

LEGEND:

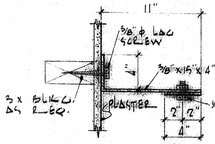
E. = GLOSS ENAMEL
S.G. = SEMI-GLOSS ENAMEL
L.O.S. = LEAD & OIL STAIN

F.W. = FLAT WALL PAINT
N. = NATURAL
F.E. = FLAT ENAMEL
A. = ACRYLIC PAINT

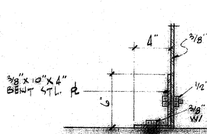
FINISH NOTES:

① = PUTTY COAT FINISH
② = SAND FLOAT FINISH
③ = KEENE'S CEMENT FINISH
④ = ACOUSTIC TILE OVER 2" PLANKING.
⑤ = ACOUSTIC PLASTER.
⑥ = ACOUSTIC TILE TO HAVE FACTORY FINISH BAKED ENAMEL
⑦ = GREASE PROOF ASPHALT TILE
⑧ = COLOR IN CEMENT FLOOR & BASE
⑨ = 1'-0" HIGH CERAMIC TILE WAINSCOT
⑩ = 2'-6" HIGH CERAMIC TILE WAINSCOT AT URINALS ONLY
⑪ = SLOW BURNING ACOUSTIC TILE
⑫ = COLOR IN CEMENT FLOOR
⑬ = SEE SPECS. FOR FINISHING OF HARDWOOD FLOORING
⑭ = 3/8" PLYWOOD OVER PLAS. & STRIPPING, CHAIR RAIL ABOVE (A9/E) V.G.O.F. PLYWOOD CUNIT "K"
⑮ = PORTLAND CEMENT PLASTER - (FLOAT FINISH)
⑯ = ACOUSTIC TILE ON WALLS DOWN TO CHAIR RAIL (A9/E)
⑰ = * PARTIAL WEST WALL
⑱ = * PARTIAL EAST WALL
⑲ = * PARTIAL SOUTH WALL
⑳ = * PARTIAL NORTH WALL
㉑ = * ALL WALLS
㉒ = * ALL WALLS TO CHAIR RAIL (A9/E)
㉓ = * SEE INTERIOR ELEVATIONS
㉔ = * 25/32" X 2¼" MAPLE FLOORING - SEE SPECS. FOR FINISHING.
㉕ = * 25/32" X 2¼" DOUGLAS FIR FLOORING - SEE SPECS. FOR FINISHING.
㉖ = * EAST WALL
㉗ = * WEST WALL
㉘ = ¾" FURRING E.², 1½" RUNNER E.²
㉙ = SEE INTERIOR ELEVATIONS - DETAILS & SPECS.
㉚ = 1" N. MAPLE TREADS - ¾" MAPLE RISERS & 25/32" X 2¼" MAPLE FLOORING @ STAIRWAY & LANDING. SEE SPECS FOR FINISHING. (A9/E)
㉛ = AT HOOD SEPARATIONS EXTEND PLASTER ON WALLS TO BOTTOM SIDE OF ROOF SHEATHING.
㉜ = 1" UNSANDED WOOD FIBER GYPSUM PLASTER & METAL LATH. TO EXTEND TO BOTTOM SIDE OF ROOF SHTG. SEE INT. ELEVS. SHTS. A67 & A9/E T-1 T-3 T-4 T-6 T-7 T-8
㉝ = ¾" VERTICAL GRAIN DOUGLAS FIR PLYWOOD.

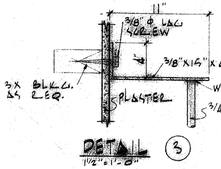
NOTES: IN ANY ROOM THAT HAS ANY HARDWOOD VENEER WALLS AND/OR WAINSCOT, ALL EXPOSED WOOD MULLIONS, REVEALS, CASINGS, TRIM, MOLDING, DOORS, ETC. SHALL MATCH THE HARDWOOD VENEER SCHEDULED OR SHOWN.



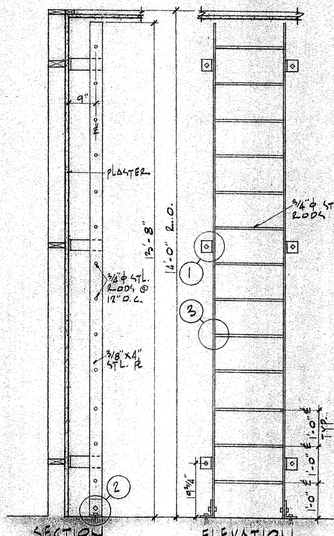
DETAIL (1) 1½" = 1'-0"



DETAIL (2) 1½" = 1'-0"



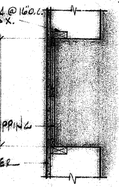
DETAIL (3) 1½" = 1'-0"



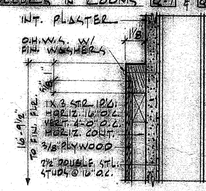
SECTION ½" = 1'-0" — ELEVATION ½" = 1'-0"

LADDER DETAIL (A3/A)

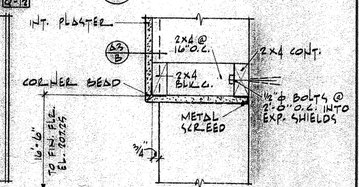
AS SHOWN OR NOTED OCCURS IN ROOMS G-17 & G-18



PLAN (A3/B) ¾" = 1'-0"



DETAIL (A3/C) 3" = 1'-0"



DETAIL (A3/D) 1½" = 1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT: Mal Green
STRUCTURAL ENGINEER:
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 17832 APPROVED JAN 5 - 1959
Per E. Mang DE
DISTRICT ARCHITECT(S), ENGINEER(S)

FINISH SCHEDULE
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY J. Pan & M.
CHECKED BY C.C.
JOB NO. 56-71

SHEET NO. A3
OF 245 SHEETS

FINISH SCHEDULE (INTERIOR ONLY)

ADMINISTRATION UNIT "K" — SCIENCE UNIT "L" — HOMEMAKING - ARTS - CRAFTS & PHOTOGRAPHY UNIT "M"

ROOM NUMBER	DESCRIPTION	FLOOR	BASE	WAINSCOT	WALL	CEILING	PAINT: WALL	PAINT: CEILING	PAINT: EXT. DK'S & TRIM	PAINT: EXT. WD. DK'S & TRIM	PAINT: INT. WD. DK'S & TRIM	PAINT: STEEL SASH & TRIM	PAINT: WOOD SASH & TRIM	PAINT: CASE WORK	PAINT: WOOD WORK	PAINT: OTHER TRIM	CEIL. STRIPPING & CEILING	ROUGH CEILING HEIGHT BOTTOM OF CEIL. JOISTS	REMARKS	ROOM NUMBER
M-21	RECEPTION	ASPHALT TILE	4" COVE CEMENT	CERAMIC TILE	PLASTER	PLASTER	PLASTER	PLASTER	S.G.	S.G.	S.G. LOS	LOS	LOS	S.G.	S.G.	S.G.	LOS	10'-6"	2"MINERAL WOOL IN CEIL. 1"MINERAL WOOL WEST WALL	M-21
M-22	DRINKING	CEMENT	CERAMIC TILE	PLYWOOD	CONCRETE	ACOUSTIC TILE OVER PLAS.	ACOUSTIC TILE OVER PLAS.	CONCRETE	S.G.	S.G.	S.G. LOS	LOS	LOS	S.G.	S.G.	S.G.	LOS	10'-6"	2"MINERAL WOOL IN CEIL.	M-22
M-23	SECRETARY	CERAMIC TILE	HARDWOOD	PLYWOOD OVER 3/8" PLYS.	PLYWOOD	ACOUSTIC TILE OVER PLAS. OVER 2" PLANKING	ACOUSTIC TILE OVER PLAS. OVER 2" PLANKING	ACOUSTIC TILE	S.G.	S.G.	S.G. LOS	S.G. LOS		S.G.	S.G.	S.G.	S.G.	10'-6"	2"MINERAL WOOL IN CEIL.	M-23
M-24	SUPPLY	T&G FLOORING	PLYWOOD OVER PLYS. & STRIP	PLYWOOD	ACOUSTIC TILE OVER PLYWOOD	STEEL BMS. ON GIRDERS	STEEL BMS. ON GIRDERS	CONCRETE	S.G.	S.G.	S.G. LOS	S.G. LOS		S.G.	S.G.	S.G.	S.G.	10'-6"	2"MINERAL WOOL IN CEIL. 1"MINERAL WOOL WEST WALL	M-24
M-25	MEN	VINYL TILE	GLAZED MASONRY UNITS	PLYWOOD OVER 3/8" PLYS. & STRIP	ACOUSTIC TILE OVER PLYWOOD	2" PLANKING	2" PLANKING	3/4" PRESPECIFIED HARDBD.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	10'-6"	VARIES	M-25
M-26	REST	4" CUBBEL COVE	CERAMIC TILE	GLAZED MASONRY UNITS	ACOUSTIC TILE OVER PLYWOOD	EXPOSED RAFTERS	ACOUSTIC TILE OVER STRIPPING	3/16" PRESPECIFIED HARDBD.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	10'-6"	2"MINERAL WOOL IN CEIL. 1"MINERAL WOOL S.W. WALL	M-26
M-27	MIMEO	4" CUBBEL COVE	CERAMIC TILE	PLASTER	PLASTER	ACOUSTIC TILE OVER PLYWOOD	PLASTER	PLASTER	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	LOS	10'-6"	2"MINERAL WOOL IN CEIL.	M-27
M-28	FACULTY ENTRY	CEMENT	WOOD SHOE	CONCRETE	CONCRETE	PLASTER	CONCRETE	CONCRETE	S.G.	S.G.	S.G.		S.G.	S.G.	S.G.	S.G.	S.G.	10'-6"	VARIES	M-28
M-29	MECHANICAL ROOM	CEMENT	PUSH WOOD	PLYWOOD	PLYWOOD	CONCRETE	ACOUSTIC TILE OVER PLAS.	CONCRETE	S.G.	S.G.	S.G.					S.G.	S.G.	10'-6"	VARIES	M-29
M-30	FACULTY	CEMENT	METAL COVE	PLYWOOD OVER 3/8" PLYS. & STRIP	PLYWOOD OVER PLYWOOD	ACOUSTIC TILE OVER PLAS. OVER 2" PLANKING	ACOUSTIC TILE OVER PLAS. OVER 2" PLANKING	ACOUSTIC TILE	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	10'-6"	VARIES	M-30
M-31	REST	CEMENT	STEEL ANGLE	GLAZED MASONRY UNITS	PLYWOOD OVER STRIPPING	STEEL BMS. ON GIRDERS	STEEL BMS. ON GIRDERS	EXPOSED RAFTERS	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	10'-6"	2"MINERAL WOOL IN CEIL. 1"MINERAL WOOL S.W. WALL	M-31
M-32	WOMEN	CERAMIC TILE	CERAMIC TILE	PLASTER	PLASTER	2" PLANKING	2" PLANKING	ACOUSTIC TILE OVER	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	10'-6"	VARIES	M-32
M-33	WORK ROOM	CEMENT	WOOD SHOE	CONCRETE	CONCRETE	ACOUSTIC TILE	CONCRETE	1/8" MONOLITH - SEE SPECS.	S.G.								LOS		8'-1" 2"MINERAL WOOL IN CEIL.	M-33
M-34	TOILET	CEMENT	PUSH WOOD	PLYWOOD	PLYWOOD	ACOUSTIC TILE OVER PLAS. OVER 2" PLANKING	ACOUSTIC TILE OVER PLAS. OVER 2" PLANKING	ACOUSTIC TILE OVER	S.G.								S.G.		8'-1" 2"MINERAL WOOL IN CEIL.	M-34
M-35	GIRLS REST	CEMENT	METAL COVE	PLYWOOD OVER 3/8" PLYS. & STRIP	PLYWOOD OVER PLYWOOD	STEEL BMS. ON GIRDERS	STEEL BMS. ON GIRDERS	EXPOSED RAFTERS	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	10'-6"	2"MINERAL WOOL IN CEIL. 1"MINERAL WOOL NORTH WALL	M-35
M-36	EXAMINATION	CEMENT	STEEL ANGLE	GLAZED MASONRY UNITS	ACOUSTIC TILE OVER PLYWOOD	2" PLANKING	2" PLANKING	ACOUSTIC TILE	S.G.	S.G.	S.G. LOS	S.G. LOS		S.G.	S.G.	S.G.	LOS	10'-6"	2"MINERAL WOOL IN CEIL. 1"MINERAL WOOL NORTH WALL	M-36
M-37	BOYS REST	CEMENT	METAL COVE	PLYWOOD OVER 3/8" PLYS. & STRIP	PLYWOOD OVER PLYWOOD	STEEL BMS. ON GIRDERS	STEEL BMS. ON GIRDERS	EXPOSED RAFTERS	S.G.	S.G.	S.G.			S.G.	S.G.	S.G.	S.G.	10'-6"	2"MINERAL WOOL IN CEIL. 1"MINERAL WOOL NORTH WALL	M-37
M-38	TOILET	CEMENT	PUSH WOOD	PLYWOOD	PLYWOOD	ACOUSTIC TILE OVER PLAS. OVER 2" PLANKING	ACOUSTIC TILE OVER PLAS. OVER 2" PLANKING	ACOUSTIC TILE OVER	S.G.								S.G.		8'-1" 2"MINERAL WOOL IN CEIL.	M-38
M-39	TREATMENT	CEMENT	STEEL ANGLE	GLAZED MASONRY UNITS	ACOUSTIC TILE OVER PLYWOOD	2" PLANKING	2" PLANKING	ACOUSTIC TILE	S.G.								LOS		8'-1" 2"MINERAL WOOL IN CEIL.	M-39
M-40	NURSE	CERAMIC TILE	CERAMIC TILE	PLYWOOD	PLASTER	PLASTER	PLASTER	PLASTER	S.G.	S.G.	S.G.	S.G. LOS	LOS	S.G.	S.G.	S.G.	LOS	10'-6"	(22) 2"MINERAL WOOL IN CEIL.	M-40
M-41	AUDIO	CEMENT	WOOD SHOE	PLYWOOD OVER 3/8" PLYS. & STRIP	PLYWOOD OVER PLYWOOD	STEEL BMS. ON GIRDERS	STEEL BMS. ON GIRDERS	EXPOSED RAFTERS	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	S.G.	10'-6"	(23) 2"MINERAL WOOL IN CEIL.	M-41
M-42	CUSTODIAN	CEMENT	PUSH WOOD	PLYWOOD	PLYWOOD	2" PLANKING	2" PLANKING	ACOUSTIC TILE	S.G. FW.	LOS										M-42
L-1	GENERAL SCIENCE	ASPHALT TILE	4" CUBBEL COVE	CERAMIC TILE	PLASTER	PLASTER	PLASTER	PLASTER	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	VARIES	L-1
L-2	PHYSICS	CEMENT	CERAMIC TILE	PLYWOOD	CONCRETE	ACOUSTIC TILE	ACOUSTIC TILE	CONCRETE	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	VARIES	L-2
L-3	GENERAL SCIENCE	HARDWOOD	PLYWOOD OVER PLYS. & STRIP	PLYWOOD	ACOUSTIC TILE OVER PLYWOOD	ACOUSTIC TILE OVER PLAS. OVER 2" PLANKING	ACOUSTIC TILE OVER PLAS. OVER 2" PLANKING	ACOUSTIC TILE	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	VARIES	L-3
L-4	CHEMISTRY	T&G FLOORING	PLYWOOD OVER PLYS. & STRIP	PLYWOOD	ACOUSTIC TILE OVER PLYWOOD	STEEL BMS. ON GIRDERS	STEEL BMS. ON GIRDERS	EXPOSED RAFTERS	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	2"MINERAL WOOL IN CEIL.	L-4
L-5	GENERAL SCIENCE	VINYL TILE	GLAZED MASONRY UNITS	PLYWOOD OVER PLYS. & STRIP	PLYWOOD OVER PLYWOOD	2" PLANKING	2" PLANKING	ACOUSTIC TILE	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	2"MINERAL WOOL IN CEIL.	L-5
L-6	BIOLOGY	4" CUBBEL COVE	CERAMIC TILE	GLAZED MASONRY UNITS	ACOUSTIC TILE OVER PLYWOOD	EXPOSED RAFTERS	ACOUSTIC TILE OVER STRIPPING	3/16" PRESPECIFIED HARDBD.	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	2"MINERAL WOOL IN CEIL.	L-6
L-7	CUSTODIAN	CEMENT	WOOD SHOE	PLYWOOD	PLYWOOD	CONCRETE	ACOUSTIC TILE	CONCRETE	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	2"MINERAL WOOL IN CEIL. 1"MINERAL WOOL W. & N.W. WALLS	L-7
L-8	OFFICE	CEMENT	PUSH WOOD	PLYWOOD OVER 3/8" PLYS. & STRIP	PLYWOOD OVER PLYWOOD	STEEL BMS. ON GIRDERS	STEEL BMS. ON GIRDERS	EXPOSED RAFTERS	S.G.								S.G. LOS	10'-6"	VARIES	L-8
L-9	CENTRAL STORAGE	CEMENT	METAL COVE	PLYWOOD OVER 3/8" PLYS. & STRIP	PLYWOOD OVER PLYWOOD	2" PLANKING	2" PLANKING	ACOUSTIC TILE	S.G.								LOS	10'-6"	8'-1/4"	L-9
L-10	MECHANICAL ROOM	CEMENT	STEEL ANGLE	GLAZED MASONRY UNITS	ACOUSTIC TILE OVER PLYWOOD	EXPOSED RAFTERS	ACOUSTIC TILE OVER STRIPPING	3/16" PRESPECIFIED HARDBD.	S.G.								LOS LOS	10'-6"	VARIES	L-10
M-1	CLOTHING LAB.	ASPHALT TILE	4" CUBBEL COVE	CERAMIC TILE	PLASTER	PLASTER	PLASTER	PLASTER	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	VARIES	M-1
M-2	TOILET	CEMENT	CERAMIC TILE	PLYWOOD	CONCRETE	ACOUSTIC TILE	ACOUSTIC TILE	CONCRETE	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	VARIES	M-2
M-3	HOMEMAKING	HARDWOOD	PLYWOOD OVER PLYS. & STRIP	PLYWOOD	ACOUSTIC TILE OVER PLYWOOD	ACOUSTIC TILE OVER PLAS. OVER 2" PLANKING	ACOUSTIC TILE OVER PLAS. OVER 2" PLANKING	ACOUSTIC TILE	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	VARIES	M-3
M-4	SUPPLY STORAGE	T&G FLOORING	PLYWOOD OVER PLYS. & STRIP	PLYWOOD	ACOUSTIC TILE OVER PLYWOOD	STEEL BMS. ON GIRDERS	STEEL BMS. ON GIRDERS	EXPOSED RAFTERS	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	2"MINERAL WOOL IN CEIL.	M-4
M-5	FOODS LAB.	VINYL TILE	GLAZED MASONRY UNITS	PLYWOOD OVER PLYS. & STRIP	PLYWOOD OVER PLYWOOD	2" PLANKING	2" PLANKING	ACOUSTIC TILE	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	2"MINERAL WOOL IN CEIL.	M-5
M-6	ENLARGING & PRINTING	4" CUBBEL COVE	CERAMIC TILE	GLAZED MASONRY UNITS	ACOUSTIC TILE OVER PLYWOOD	EXPOSED RAFTERS	ACOUSTIC TILE OVER STRIPPING	3/16" PRESPECIFIED HARDBD.	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	2"MINERAL WOOL IN CEIL. 1"MINERAL WOOL W. & N.W. WALLS	M-6
M-7	DEVELOPING	CEMENT	WOOD SHOE	PLYWOOD	PLYWOOD	CONCRETE	ACOUSTIC TILE	CONCRETE	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	VARIES	M-7
M-8	ENTRY	CEMENT	PUSH WOOD	PLYWOOD OVER PLYS. & STRIP	PLYWOOD OVER PLYWOOD	STEEL BMS. ON GIRDERS	STEEL BMS. ON GIRDERS	EXPOSED RAFTERS	S.G.								S.G. LOS	10'-6"	VARIES	M-8
M-9	DRYING ROOM	CEMENT	METAL COVE	PLYWOOD OVER PLYS. & STRIP	PLYWOOD OVER PLYWOOD	2" PLANKING	2" PLANKING	ACOUSTIC TILE	S.G.								LOS	10'-6"	9'-8½"	M-9
M-10	PHOTOGRAPHY STUDIO CL.RM.	CERAMIC TILE	CERAMIC TILE	PLYWOOD	PLASTER	PLASTER	PLASTER	PLASTER	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	9'-8½"	M-10
M-11	KILN ROOM	CEMENT	WOOD SHOE	PLYWOOD OVER PLYS. & STRIP	PLYWOOD OVER PLYWOOD	STEEL BMS. ON GIRDERS	STEEL BMS. ON GIRDERS	EXPOSED RAFTERS	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	9'-8½"	M-11
M-12	GLAZING ROOM	CEMENT	PUSH WOOD	PLYWOOD	PLYWOOD	2" PLANKING	2" PLANKING	ACOUSTIC TILE	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	9'-8½"	M-12
M-13	CRAFTS STUDIO CL.RM.	CEMENT	METAL COVE	PLYWOOD OVER PLYS. & STRIP	PLYWOOD OVER PLYWOOD	STEEL BMS. ON GIRDERS	STEEL BMS. ON GIRDERS	EXPOSED RAFTERS	S.G.								S.G. LOS	10'-6"	VARIES	M-13
M-14	CUSTODIAN	CEMENT	STEEL ANGLE	GLAZED MASONRY UNITS	ACOUSTIC TILE OVER PLYWOOD	2" PLANKING	2" PLANKING	ACOUSTIC TILE	S.G.								LOS	10'-6"	VARIES	M-14
M-15	SUPPLY & STORAGE	CERAMIC TILE	CERAMIC TILE	PLYWOOD	PLASTER	PLASTER	PLASTER	PLASTER	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	VARIES	M-15
M-16	ARTS STUDIO CL.RM.	CEMENT	WOOD SHOE	PLYWOOD OVER PLYS. & STRIP	PLYWOOD OVER PLYWOOD	STEEL BMS. ON GIRDERS	STEEL BMS. ON GIRDERS	EXPOSED RAFTERS	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	VARIES	M-16
M-17	MECHANICAL ROOM	CEMENT	PUSH WOOD	PLYWOOD OVER PLYS. & STRIP	PLYWOOD OVER PLYWOOD	2" PLANKING	2" PLANKING	ACOUSTIC TILE	S.G.	LOS	S.G.	S.G.	S.G. N	LOS	LOS	S.G.	S.G.	10'-6"	2"MINERAL WOOL W. & N.W. WALLS	M-17
M-18	MECHANICAL ROOM	CEMENT	METAL COVE	PLYWOOD OVER PLYS. & STRIP	PLYWOOD OVER PLYWOOD	STEEL BMS. ON GIRDERS	STEEL BMS. ON GIRDERS	EXPOSED RAFTERS	S.G.								S.G. LOS	10'-6"	± 25/32" x 3/4" D.F. T&G + SEE DET.	M-18
									F.E.											
									F.E.										± 25/32" x 3/4" D.F. T&G + SEE DET.	

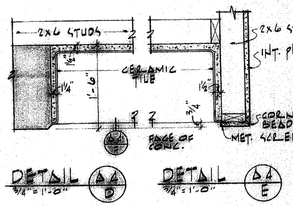
LEGEND:

E = GLOSS ENAMEL
S.E. = SEMI-GLOSS ENAMEL
L.O.P. = LEAD & OIL PAINT
F.W.P. = FLAT WALL PAINT
N. = NATURAL
F.E. = FLAT ENAMEL
A.P. = APPLYING PAINT

FINISH NOTES:

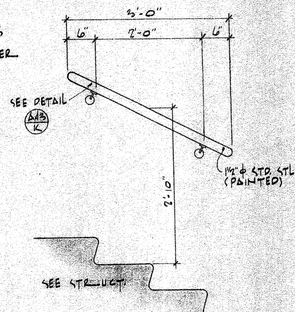
(1) = PUTTY COAT FINISH
(2) = SAND FLOAT FINISH
(3) = KEENE'S CEMENT FINISH
(4) = ACOUSTIC TILE OVER 2" PLANKING.
(5) = ACOUSTIC PLASTER.
(6) = ACOUSTIC TILE TO HAVE FACTORY FINISH BAKED ENAMEL
(7) = GREASE PROOF ASPHALT TILE
(8) = COLOR: IN CEMENT FLOOR & BASE
(9) = 7'-0" HIGH CERAMIC TILE WAINSCOT
(10) = 4'-0" HIGH CERAMIC TILE WAINSCOT AT URINALS ONLY.
(11) = SLOW BURNING ACOUSTIC.
(12) = COLOR IN CEMENT FLOOR.
(13) = SEE SPECS. FOR FINISHING OF HARDWOOD FLOORING.
(14) = 3/8" PLYWOOD OVER PLAS. & STRIPPING, CHAIR RAIL ABOVE (A17/E) V.G.D.F. PLYWOOD & UNIT "K"
(15) = PORTLAND CEMENT PLASTER (FLOAT FINISH)
(16) = ACOUSTIC TILE ON WALLS DOWN TO CHAIR RAIL (A17/E)
(17) = * PARTIAL WEST WALL
(18) = * PARTIAL EAST WALL
(19) = * PARTIAL SOUTH WALL
(20) = * PARTIAL NORTH WALL
(21) = * ALL WALLS
(22) = * ALL WALLS TO CHAIR RAIL (A17/E)
(23) = * SEE INTERIOR ELEVATIONS
(24) = * 25/32" x 2¼" MAPLE FLOORING - SEE SPECS. FOR FINISHING.
(25) = * 25/32" x 2¼" DOUGLAS FIR FLOORING - SEE SPECS. FOR FINISHING.
(26) = * EAST WALL
(27) = * WEST WALL
(28) = ¾" FURRING E.S., 1½" RUNNER E.S.
(29) = SEE INTERIOR ELEVATIONS - DETAILS & SPECS.
(30) = I.W. MAPLE TREADS - ¾" MAPLE RISERS & 25/32" x 2¼" MAPLE FLOORING @ STAIRWAY LANDING. SEE SPECS. FOR FINISHING. (A6/F)
(31) = AT 1-HOUR SEPARATIONS EXTEND PLASTER ON WALLS TO BOTTOM SIDE OF ROOF SHEATHING.
(32) = 1" UNSANDED WOODFIBER GYPSUM PLASTER & METAL LATH. TO EXTEND TO BOTTOM SIDE OF ROOF SHTG. SEE INT. ELEVS., SHT. A6/F. (T-1 T-3 T-4 T-6 T-7 T-8)
(33) = 3/8" VERTICAL GRAIN DOUGLAS FIR PLYWOOD.

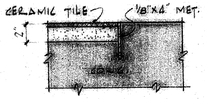
NOTE: IN ANY ROOM THAT HAS ANY HARDWOOD VENEER WALLS AND/OR WAINSCOT, ALL EXPOSED WOOD MULLIONS, FRAMES, CASINGS, TRIM, MOLDING, DOORS, ETC. SHALL MATCH THE HARDWOOD VENEER SCHEDULED OR SHOWN



DETAIL (A4/D) 3/4"=1'-0"

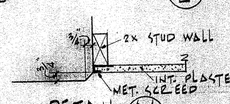
DETAIL (A4/E) 3/4"=1'-0"



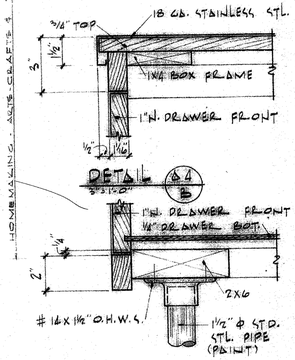


DETAIL (A4/F) 3"=1'-0"

HANDRAIL DETAIL (A4/J) 3"=1'-0"

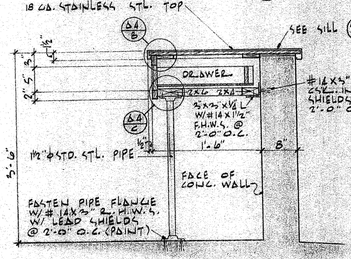


DETAIL (A4/H) 1½"=1'-0"



DETAIL (A4/B) 3"=1'-0"

DETAIL (A4/L) 3"=1'-0"



COUNTER (A4/A) 3/4"=1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE - ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17813 APPROVED JAN 5 - 1959
Per E Mauzy PRINCIPAL ASSISTANT ARCHITECT

FINISH SCHEDULE
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY J.D.D. & D.M.
CHECKED BY C.C.S.
JOB NO. SC-71

SHEET NO. A4
OF 248 SHEETS

FINISH SCHEDULE (INTERIOR ONLY)

ROOM NUMBER	DESCRIPTION	FLOOR	BASE	WAINSCOT	WALL	CEILING	WALL PAINT	CEILING PAINT	REMARKS	CEILING STRIPPING & CEILING HEIGHT	ROUGH CEILING HEIGHT	BOTTOM OF CEIL. JOISTS	REMARKS	ROOM NUMBER
		ASPHALT TILE CEMENT CERAMIC TILE HARDWOOD T & G FLOORING VINYL TILE	4" RUBBER COVE CEMENT CERAMIC TILE WOOD SHOE FLUSH WOOD METAL COVE STEEL ANGLE	CERAMIC TILE PLYWOOD PLYWOOD OVER 3/8" CDX BD. PLYWD. OVER PLAS. & STRIP. GLAZED MASONRY UNITS	PLASTER CONCRETE PLYWOOD ACOUSTIC TILE OVER PLYWD. ACOUSTIC TILE OVER PLAS. OR 1/2" CDX BD. PLYWOOD OVER 1/8" CDX BD. CERAMIC TILE 3/16" PERFORATED HARDBD. OVER 2" FURRING ACOUSTIC TILE OVER PLYWOOD OVER STRIPPING & PLASTER PLASTER	PLASTER CONCRETE ACOUSTIC TILE ACOUSTIC TILE OVER PLAS. ACOUSTIC TILE OVER 2" PLANKING STEEL BMS. OR GIRDERS 2" PLANKING EXPOSED RAFTERS ACOUSTIC TILE OVER 1/2" GYPSUM BOARD 1/8" MOULDPLAST - SEE SPECS. FIBREMOLD CEIL. TRIM	PLASTER ACOUSTIC TILE PLYWOOD CONCRETE MASONRY 3/16" PERFORATED HARDBD.	PLASTER ACOUSTIC TILE CONCRETE 2" L. BMS. OR GIRDERS EXPOSED WD. RAFTERS 2" PLANKING FIBREMOLD OTHER TRIM	EXTERIOR STL. DKS. & TRIM EXTERIOR WD. DKS. & TRIM INTERIOR WD. DKS. & TRIM STEEL SASH & TRIM WOOD SASH & TRIM CASEWORK WOODWORK OTHER TRIM	2-3 STRIPPING & CEILING	ROUGH CEILING HEIGHT BOTTOM OF CEIL. JOISTS	REMARKS	
O-1	SHOWER & LOCKER ROOM	(5) ● ●	(5) ● ●		(3) ●	(6) ● ●	●	S.G.	S.G. S.G.	S.G.	18'0±	VARIES	2" MINERAL WOOL IN CEIL.	O-1
O-2	CORRECTIVE AREA	(5) ● ●	(5) ● ●		(3) ●	(6) ● ●	●	S.G.	S.G.	S.G.	12'0±	VARIES	2" MINERAL WOOL IN CEIL.	O-2
O-3	SHOWER	●	SEE WALL		(3) ●	(5)	S.G.	S.G.		S.G.		8'-1"	2" MINERAL WOOL IN CEIL.	O-3
O-4	SHOWER	●	SEE WALL		(3) ●	(5)	S.G.	S.G.		S.G.		8'-1"	2" MINERAL WOOL IN CEIL.	O-4
O-5	GIRLS TOILET	●	SEE VAINSCOT (9)		(3)	(6)	● S.G.	S.G.	S.G. S.G.	S.G.	16'0±	10'-0"		O-5
O-6	CUSTODIAN	(12) ●			(3)			S.G.	S.G. LOS	S.G.	16'0±	10'-0"		O-6
O-7	ENTRY	(12) ●			(3)		S.G.	S.G.	S.G. S.G.	S.G.	16'0±	10'-0"	2" MINERAL WOOL IN CEIL.	O-7
O-8	STORAGE	●			(2)		S.G.	S.G.	S.G. S.G.	S.G.	16'0±	10'-0"	2" MINERAL WOOL IN CEIL.	O-8
O-9	EQUIPMENT & TOWELS	●			(2)		S.G.	S.G.	S.G. LOS	S.G.	16'0±	10'-0"	2" MINERAL WOOL IN CEIL.	O-9
O-10	SHOWER	●	SEE WALL		(3)		S.G.		S.G.		16'0±	10'-0"	2" MINERAL WOOL IN CEIL.	O-10
O-11	SHOWER	●	SEE WALL		(3)		S.G.				16'0±	10'-0"	2" MINERAL WOOL IN CEIL.	O-11
O-12	DRESSING ROOM	●	●		(3)	(1)	S.G.	S.G.	S.G.	S.G.	16'0±	10'-0"	2" MINERAL WOOL IN CEIL.	O-12
O-13	TOILET	●	●		(1)	(1)	S.G.	S.G.	S.G.	S.G.	16'0±	10'-0"	2" MINERAL WOOL IN CEIL.	O-13
O-14	REST	●	●		(1)	(1)	S.G.	S.G.	S.G.	S.G.	16'0±	10'-0"	2" MINERAL WOOL IN CEIL.	O-14
O-15	OFFICE	●	●		(1)	(1)	● S.G.	S.G.	S.G. S.G.	S.G.	16'0±	10'-0"	2" MINERAL WOOL IN CEIL.	O-15
O-16	ENTRY	(5) ●	(5) ●		(3)	(2)	S.G.	S.G.	S.G. S.G.	S.G.	16'0±	10'-0"	2" MINERAL WOOL IN CEIL.	O-16
O-17	HEATER ROOM	●	●		(2)	(2)		S.G.		S.G.	16'0±	VARIES	1-HOUR SEPARATION (31)	O-17
O-18	ATTIC ACC.	●	●		(2)		S.G.	S.G.		S.G.		LOS	LOS 16'0± VARIES	O-18
P-1	EQUIPMENT	●	●		(2)		S.G.	S.G.	S.G.	S.G.	16'0±	9'-6"		P-1
P-2	FIRST AID	●	●		(1)		● S.G.	S.G.	S.G. LOS	S.G.	16'0±	9'-6"	2" MINERAL WOOL IN CEIL.	P-2
P-3	INSTRUCTORS TOILET	●	●		(1)		S.G.	S.G.	S.G.	S.G.	16'0±	9'-6"		P-3
P-4	SHOWER	●	SEE WALL		(3)		S.G.					8'-1"		P-4
P-5	SHOWER	●	SEE WALL		(3)		S.G.					8'-1"		P-5
P-6	OFFICE	●	●		(1)		● S.G.	S.G.	S.G. S.G.	S.G.	16'0±	9'-6"	2" MINERAL WOOL IN CEIL.	P-6
P-7	CUSTODIAN	●	●		(2)		S.G.	S.G.	S.G.	S.G.	16'0±	9'-6"		P-7
P-8	TOILET	●	SEE WAINSCOT (9)		(1)		S.G.	S.G.	S.G.	S.G.	16'0±	9'-6"		P-8
P-9	LOCKERS, ROOM	(5) ●	(5) ●		(3)	(6)	● S.G.	S.G.	S.G. S.G.	S.G.	18'0±	VARIES	2" MINERAL WOOL IN CEIL.	P-9
P-10	EQUIPMENT ISSUE	(5) ●	(5) ●		(3)	(6)	S.G.	S.G.	S.G.	S.G.	16'0±	VARIES	2" MINERAL WOOL IN CEIL.	P-10
P-11	TEAM ROOM & UNIFORM CHECK	(5) ●	(5) ●		(3)	(6)	S.G.	S.G.	S.G. LOS	S.G.	17'0±	VARIES	2" MINERAL WOOL IN CEIL.	P-11
P-12	UNIFORM - EQUIPMENT ROOM	●	●		(2)		S.G.	S.G.	S.G.	S.G.	17'0±	VARIES		P-12
P-13	BOYS TOILET	●	SEE VAINSCOT (9)		(3)		S.G.	S.G.	S.G.	S.G.	16'0±	VARIES	2" MINERAL WOOL IN CEIL.	P-13
P-14	SHOWERS	●	SEE VAINSCOT (9)	(19)	(3)	(6)	S.G.		S.G.	S.G.	16'0±	VARIES	2" MINERAL WOOL IN CEIL.	P-14
P-15	DRYING	(5) ●	(5) ●		(3)	(6)	S.G.		S.G.	S.G.	17'0±	VARIES	2" MINERAL WOOL IN CEIL.	P-15
P-16	SHOWERS	●	SEE VAINSCOT (9)	(19)	(3)	(6)	S.G.		S.G.	S.G.	17'0±	VARIES	2" MINERAL WOOL IN CEIL.	P-16
P-17	HEATER ROOM	●	●		(2)		S.G.			S.G.	16'0±	VARIES	1-HOUR SEPARATION (31)	P-17
Q-1	FOYER	(12) ●		(9)	(1)	(5)	S.G.		S.G.	S.G.		VARIES	* SOUTH WALL	Q-1
Q-2	GIRLS TOILET	●	SEE WAINSCOT (9)	(9)	(3)	(5)	S.G. A	S.G.	S.G. S.G. LOS	S.G.	(28)	10'-0"		Q-2
Q-3	BOYS TOILET	●	SEE WAINSCOT (9)	(9)	(3)	(5)	S.G. A	S.G.	S.G. S.G.	S.G.	(28)	10'-0"		Q-3
Q-4	TRANSFORMER ROOM	●	(5)		(2)		S.G. A	S.G.	S.G.	S.G.	(28)	10'-0"		Q-4
Q-5	CUSTODIAN	●	●		(2)		F.E.	F.E.				VARIES		Q-5
Q-6	EQUIPMENT STORAGE	●			(2)	(2)	S.G.	S.G.	S.G.	S.G.		VARIES	* EAST WALL	Q-6
Q-7	STORAGE	●			(2)		S.G. A	S.G.	S.G.			8'-6 7/8"		Q-7
Q-8	ENTRY	(12)			(1)	(5)	S.G. A	S.G.	S.G.	S.G.	16'0±	14'-0"		Q-8
Q-9	TICKETS	●	(5)		(2)	(5)	S.G. A	S.G.	S.G.	S.G.	16'0±	8'-6 7/8"		Q-9
Q-10	GYMNASIUM	(13)	●		(1)		S.G. A	S.G.	S.G. LOS	S.G.	(28)	10'-0"	* EAST WALL	Q-10
Q-11	EXERCISE	(13)	●		(1)	(4)	S.G. A	S.G.	S.G.			VARIES		Q-11
Q-12	APPARATUS ROOM	●	(5)		(2)	(4)	S.G. A	S.G.	S.G.			VARIES		Q-12
Q-13	ENTRY	(12)	●		(1)		S.G. A	S.G.	S.G.	S.G.	16	14'-0"	* SOUTH WALL	Q-13
R-1	BOYS TOILET	●	SEE WAINSCOT (9)		(3)		S.G.			S.G.	16'0±	8'-8 1/2"		R-1
R-2	TOOLS	●	●		(1)	(6)	S.G.		S.G.		LOS	8'-6 1/2"		R-2
R-3	STORAGE	●	●		(2)		S.G.			S.G.	16'0±	8'-8 1/2"		R-3
R-4	OFFICE	●	●		(1)	(1)	S.G.	S.G.	S.G. S.G.	S.G.	16'0±	8'-8 1/2"		R-4
R-5	STORAGE	●	●		(2)	(2)	S.G.			S.G.	16'0±	8'-8 1/2"		R-5
R-6	TOOLS	●	●		(2)	(2)	S.G.			S.G.	LOS	8'-6 1/2"		R-6

LEGEND

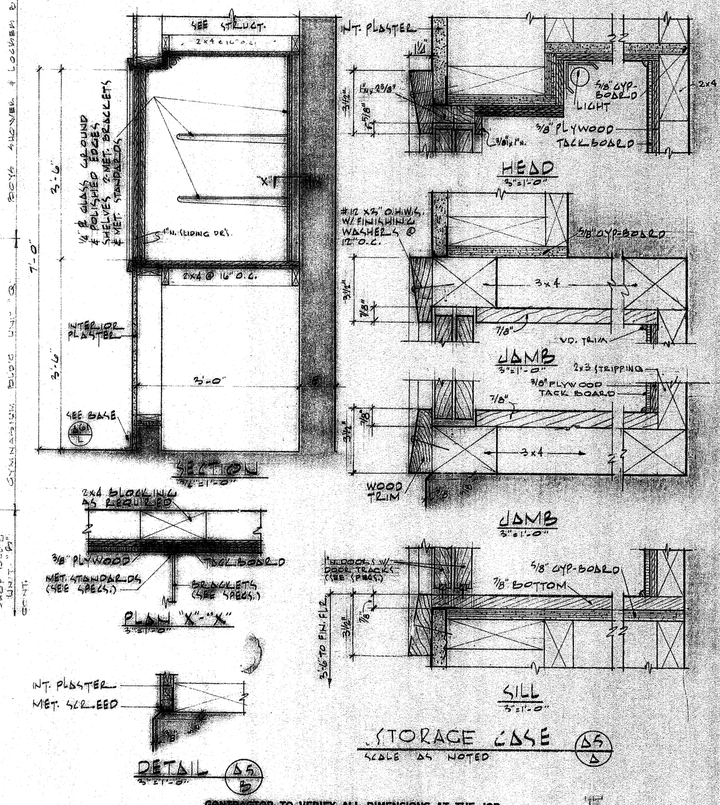
E = GLOSS ENAMEL
S.G. = SEMI-GLOSS ENAMEL
LO.S. = LEAD & OIL STAIN

F.W. = FLAT WALL PAINT
N. = NATURAL
F.E. = FLAT ENAMEL
A = ACRYLIC PAINT

FINISH NOTES:

(1) = PUTTY COAT FINISH
(2) = SAND FLOAT FINISH
(3) = KEENES CEMENT FINISH
(4) = ACOUSTIC TILE OVER 2" PLANKING.
(5) = ACOUSTIC PLASTER.
(6) = ACOUSTIC TILE TO HAVE FACTORY FINISH BAKED ENAMEL
(7) = GREASE PROOF ASPHALT TILE
(8) = COLOR IN CEMENT FLOOR & BASE
(9) = 7'-0" HIGH CERAMIC TILE WAINSCOT
(10) = 4'-6" HIGH CERAMIC TILE WAINSCOT @ URINAL ONLY
(11) = SLOW BURNING ACOUSTIC TILE
(12) = COLOR IN CEMENT FLOOR.
(13) = SEE SPECS. FOR FINISHING OF HARDWOOD FLOORING
(14) = 3/8" PLYWOOD OVER PLAS. & STRIPPING, CHAIR RAIL ABOVE. (A4.7 E) V.C.O.F. PLYWOOD @ UNIT "K"
(15) = PORTLAND CEMENT PLASTER. (FLOAT FINISH)
(16) = ACOUSTIC TILE WALLS DOWN TO CHAIR RAIL (A4.7 E)
(17) = * PARTIAL WEST WALL
(18) = * PARTIAL EAST WALL
(19) = * PARTIAL SOUTH WALL
(20) = * PARTIAL NORTH WALL
(21) = * ALL WALLS
(22) = * ALL WALLS TO CHAIR RAIL (A4.7 E)
(23) = * SEE INTERIOR ELEVATIONS
(24) = * 25/32" MAPLE FLOORING - SEE SPECS. FOR FINISHING
(25) = * 25/32" DOUGLAS FIR FLOORING - SEE SPECS. FOR FINISHING
(26) = * EAST WALL
(27) = * WEST WALL
(28) = 3/4" FURRING C.I. @ 1 1/2" EDWEER C.I.
(29) = SEE INTERIOR ELEVATION - DETAILS & SPECS.
(30) = MIN. MAPLE TREADS - 3/4" MAPLE RISERS & 25/32" - 2 1/4" MAPLE FLOORING & STAIRWAY & LANDING SEE SPECS. FOR FINISHING. (A5.5 T2)
(31) = AT 1-HOUR SEPARATIONS EXTEND PLASTER ON WALLS TO BOTTOM SIDE OF ROOF SHEATHING.
(32) = 1" UNSANDED WOOD FIBER GYPSUM PLASTER & METAL LATH TO EXTEND TO BOTTOM SIDE OF ROOF SHTG. SEE INT. ELEVS. SHT. AG7 AND 9 E1 E3 E4 E6 E7 E8
(33) = 3/8" VERTICAL GRAIN DOUGLAS FIR PLYWOOD.

NOTE: IN ANY ROOM THAT HAS ANY HARDWOOD VENEER WALLS, AND/OR, WAINSCOTS, ALL EXPOSED WOOD MULLIONS, FRAMES, CASINGS, MOLDING, DOORS, ETC. SHALL MATCH THE HARDWOOD VENEER SCHEDULED OR SHOWN.



CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

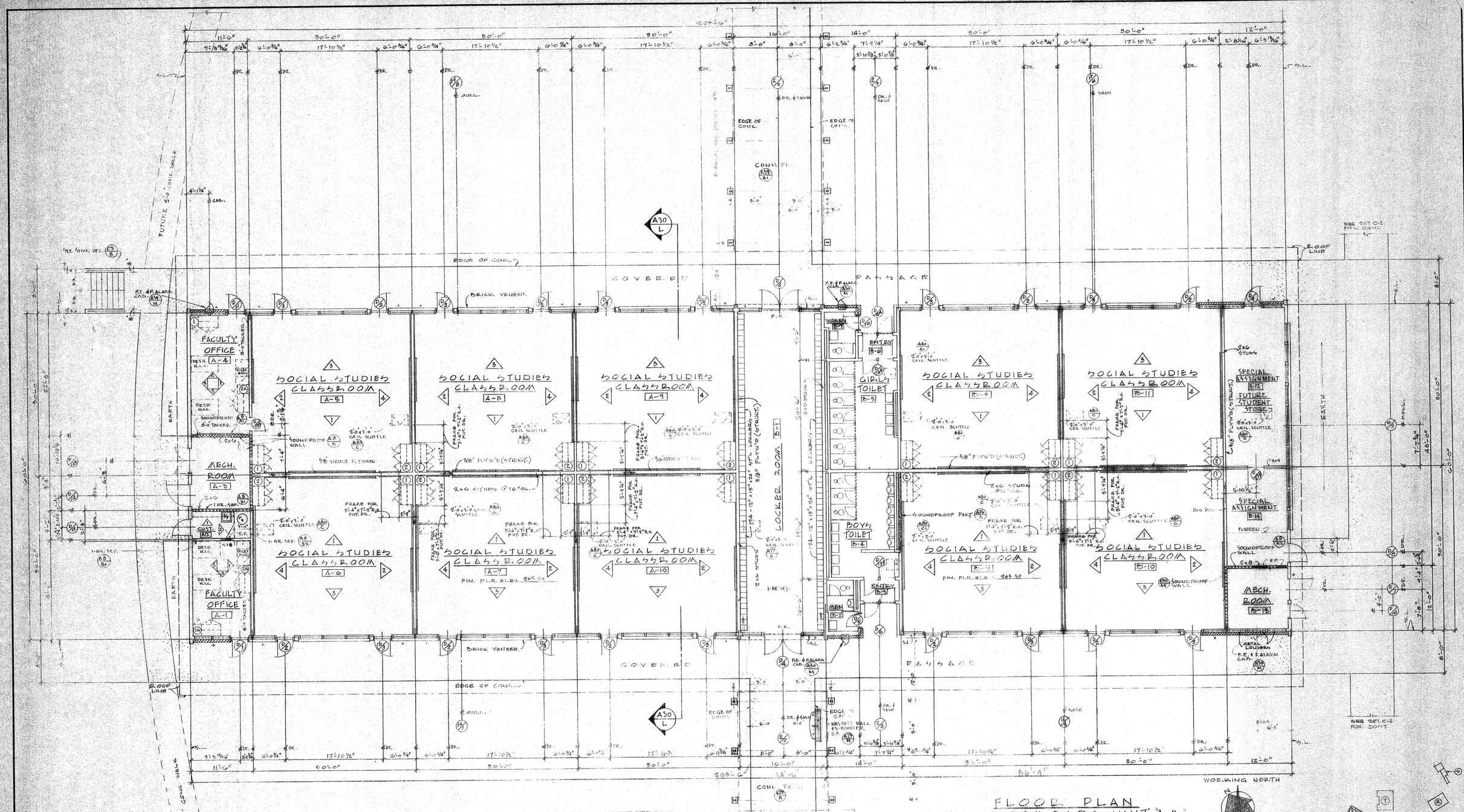
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 17823
APPROVED JAN 5 - 1959
Per E. Mangpe
DIVISIONAL REPRESENTATIVE

FINISH SCHEDULE
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY J.P.T., R.D.M.
CHECKED BY C.C.S.
JOB NO. 56-71
SHEET NO. A5
OF 248 SHEETS

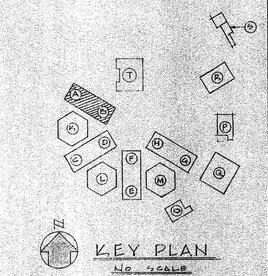
FINISH SCHEDULE (INTERIOR ONLY)

| ROOM NUMBER | DESCRIPTION | FLOOR: ASPHALT TILE | FLOOR: CEMENT | FLOOR: CERAMIC TILE | FLOOR: HARDWOOD | FLOOR: T & G FLOORING | FLOOR: VINYL TILE | BASE: 4" RUBBER COVE | BASE: CEMENT | BASE: CERAMIC TILE | BASE: WOOD SHOE | BASE: FLUSH WOOD | BASE: METAL COVE | BASE: STEEL ANGLE | WAINSCOT: CERAMIC TILE | WAINSCOT: PLYWOOD | WAINSCOT: PLYWOOD OVER 5/8" GYP. BD. | WAINSCOT: PLYWOOD OVER PLAS. & FURR. | WAINSCOT: GLAZED MASONRY UNITS | WALL: PLASTER | WALL: CONCRETE | WALL: PLYWOOD | WALL: ACOUSTIC TILE OVER PLYWD. | WALL: ACOUSTIC TILE OVER 5/8" GYP. BD. ON PLYWOOD CORE | WALL: GYPSUM BD. | WALL: CERAMIC TILE | WALL: 5/16" PERFORATED HARDBD. | WALL: ACOUSTIC TILE OVER FURRING & PLASTER | WALL: ACOUSTIC TILE OVER GYP. BD. FURRING & PLASTER | WALL: 1" MONOLITHIC - SEE SPECS. | WALL: 3/8" MONOLITHIC - SEE SPECS. | WALL: FIBER-MOLD CEIL. TRIM | CEILING: PLASTER | CEILING: CONCRETE | CEILING: ACOUSTIC TILE | CEILING: ACOUSTIC TILE OVER PLAS. | CEILING: ACOUSTIC TILE OVER 1" PLANKING | CEILING: OVER 2" STEEL DKG. ON GIRDERS | CEILING: STEEL DKG. ON GIRDERS | CEILING: EXPOSED RAFTERS | CEILING: ACOUSTIC TILE OVER 5/8" GYPSUM BOARD | CEILING: 3/8" MONOLITHIC - SEE SPECS. | CEILING: FIBER-MOLD CEIL. TRIM | PAINT WALL: PLASTER | PAINT WALL: ACOUSTIC TILE | PAINT WALL: CONCRETE | PAINT WALL: MASONRY | PAINT WALL: 5/16" PERFORATED HARDBD. | PAINT CEILING: PLASTER | PAINT CEILING: ACOUSTIC TILE | PAINT CEILING: CONCRETE | PAINT CEILING: 4" STEEL DKG. & TRIM | PAINT CEILING: EXPOSED WD. RAFTERS & PLANKING | PAINT CEILING: 2" PLANKING | PAINT CEILING: FIBER-MOLD | PAINT OTHER TRIM: INTERIOR STL. DRS. & TRIM | PAINT OTHER TRIM: EXTERIOR WT. DRS. & TRIM | PAINT OTHER TRIM: INTERIOR WD. DRS. & TRIM | PAINT OTHER TRIM: STEEL SASH & TRIM | PAINT OTHER TRIM: WOOD SASH & TRIM | PAINT OTHER TRIM: CASE WORK | PAINT OTHER TRIM: WOODWORK | PAINT OTHER TRIM: OTHER TRIM | 2'-3" STRIPPING @ CEILING | BOUGH CEILING HEIGHT | BOTTOM OF CEIL. JOISTS | REMARKS | ROOM NUMBER |
|---|---|---



FLOOR PLAN
CLASSROOM BLDG. UNIT "A-B"
SCALE 1/8" : 1'-0"

NOTES:
ALL EXTERIOR STUDS 2x6 UNLESS OTHERWISE NOTED.
ALL INTERIOR STUDS 2x4 UNLESS OTHERWISE NOTED.
ALL DIMENSIONS GIVEN TO STUD LINE UNLESS OTHERWISE NOTED.
FOR INTERIOR ELEVATIONS & DETAILS SEE SHEETS A-44, A-45, A-46, A47.
FOR 1/4" PLAN - INTERIOR ELEVATIONS & DETAILS OF TOILET-LOCKER AREA SEE SHEETS A-76, A-78, A80.
FOR ROOF PLAN SEE SHEET A-27
FOR BUILDING LOCATION PLAN SEE SHEET A26
ALL CASEWORK SHOWN ON THIS SHEET & INDICATED BY DOTTED LINES WITH NUMBER, SHALL BE UNDER SEPARATE CONTRACT. SEE INTERIOR ELEVATIONS & SHEETS No. 1 AND No. 2 (56-71C) FOR DETAILS.
& ON FLR. PLAN INDICATES TYP. DOOR STOP.



KEY PLAN
NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

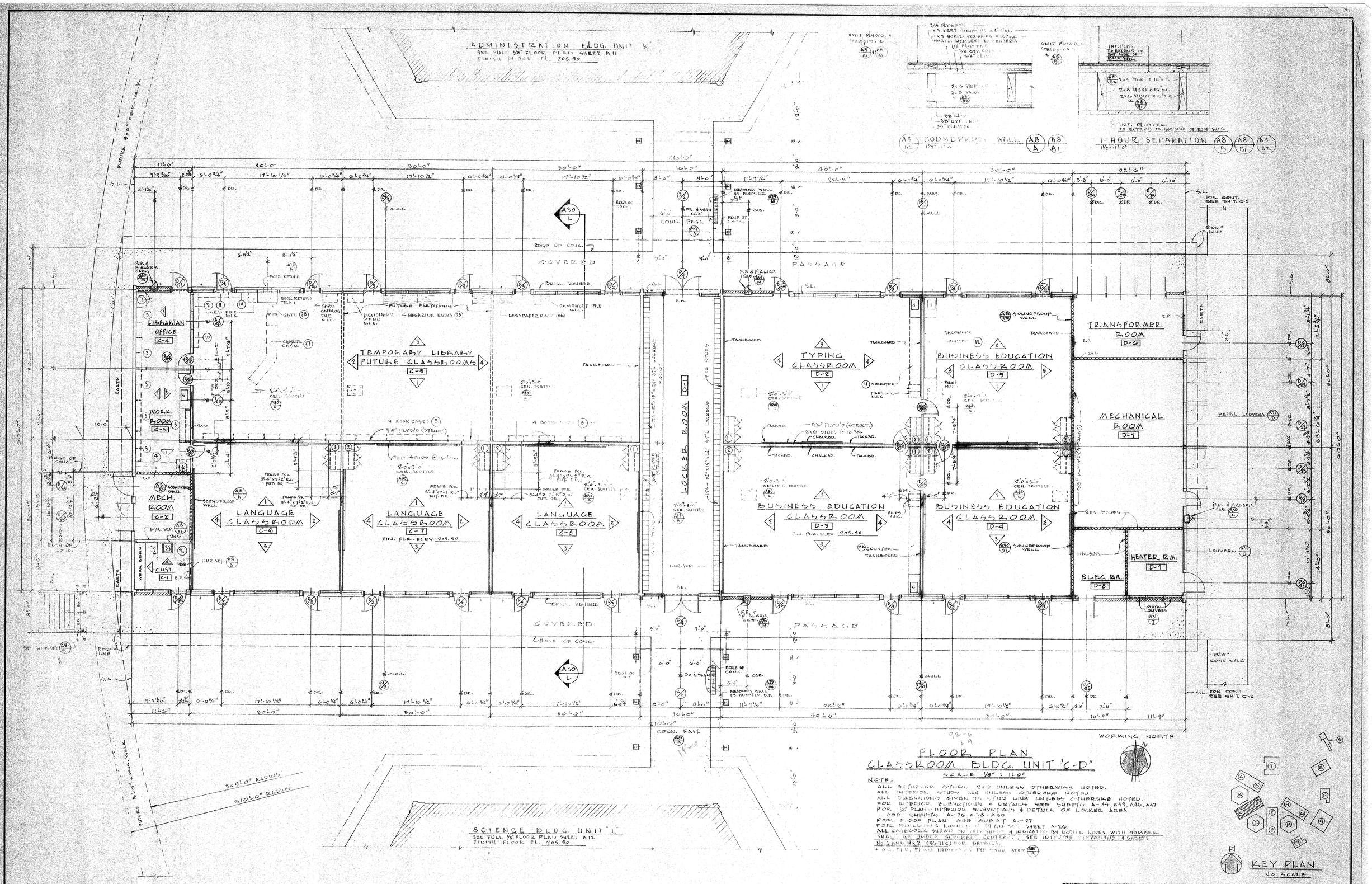
ARCHITECT	MECHANICAL ENGINEER	
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	
	CIVIL ENGINEER	

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 - 1959
APPLICATION NO. Per E. Maag
DISTRICT ENGINEER, LOS ANGELES

FLOOR PLAN-CLASSROOM UNITS "A"-"B"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE	1-59
DR. BY	D.E.W.
CHECKED BY	C.C.S.
JOB NO.	56-71
SHEET NO.	A7
OF 248 SHEETS	



FLOOR PLAN
CLASSROOM BLDG. UNIT "C-D"
SCALE 1/8" = 1'-0"

NOTE:
ALL EXTERIOR STUDS 2x6 UNLESS OTHERWISE NOTED.
ALL INTERIOR STUDS 2x4 UNLESS OTHERWISE NOTED.
ALL DIMENSIONS GIVEN TO STUD LINE UNLESS OTHERWISE NOTED.
FOR INTERIOR ELEVATIONS & DETAILS SEE SHEETS A-44, A45, A46, A47
FOR 1/4" PLAN - INTERIOR ELEVATIONS & DETAILS OF LOCKER AREA SEE SHEETS A-76, A-78, A80
FOR ROOF PLAN SEE SHEET A-27
FOR BUILDING LOCATION PLAN SEE SHEET A-26
ALL CASEWORK SHOWN ON THIS SHEET & INDICATED BY DOTTED LINES WITH NUMBER SHALL BE UNDER SEPARATE CONTRACT. SEE INTERIOR ELEVATIONS & SHEETS No 1 AND No. 2 (56-71C) FOR DETAILS.
+ ON FLR. PLAN INDICATES TYP. ROOF STOP A87/A

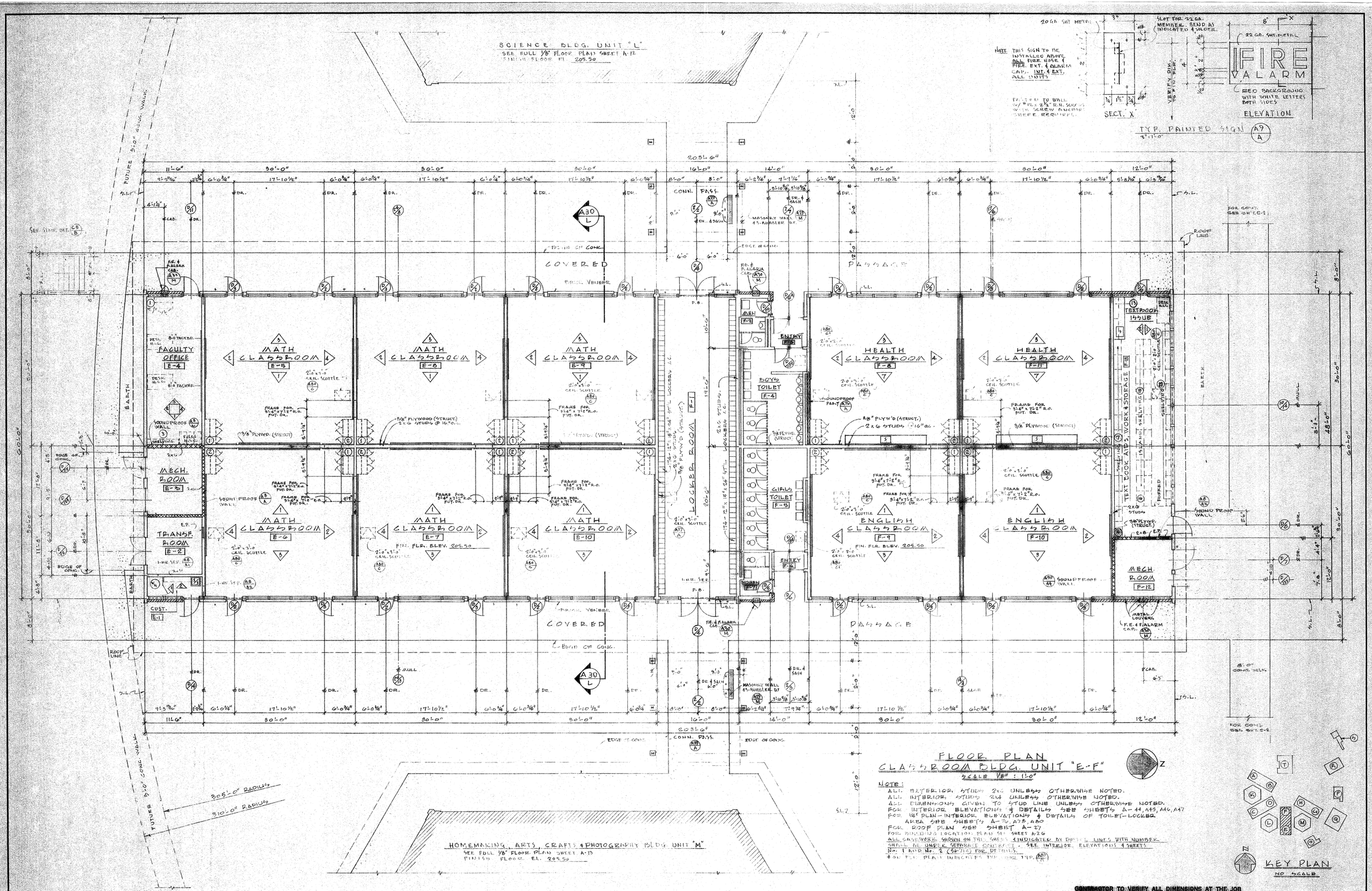
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
	CIVIL ENGINEER	ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED JAN 5 - 1959
PRINCIPAL STRUCTURAL ENGINEER

FLOOR PLAN - CLASSROOM UNITS "C" - "D"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY D.E.W.
CHECKED BY C.C.S.
JOB NO. 56-71
SHEET NO. A8
OF 248 SHEETS



FLOOR PLAN
CLASSROOM BLDG. UNIT "E-F"
SCALE 1/8" : 1'-0"

NOTE:
ALL EXTERIOR STUDS 2x6 UNLESS OTHERWISE NOTED.
ALL INTERIOR STUDS 2x4 UNLESS OTHERWISE NOTED.
ALL DIMENSIONS GIVEN TO STUD LINE UNLESS OTHERWISE NOTED.
FOR INTERIOR ELEVATIONS & DETAILS SEE SHEETS A-44, A45, A46, A47
FOR 1/4" PLAN - INTERIOR ELEVATIONS & DETAILS OF TOILET-LOCKER AREA SEE SHEETS A-76, A78, A80
FOR ROOF PLAN SEE SHEET A-27
FOR BUILDING LOCATION PLAN SEE SHEET A-26
ALL CASEWORK SHOWN ON THIS SHEET & INDICATED BY DOTTED LINES WITH NUMBER SHALL BE UNDER SEPARATE CONTRACT. SEE INTERIOR ELEVATIONS & SHEETS No. 1 AND No. 2 (56-71C) FOR DETAILS.
+ ON FLR. PLAN INDICATES TYP. DOOR TYP. A87/A

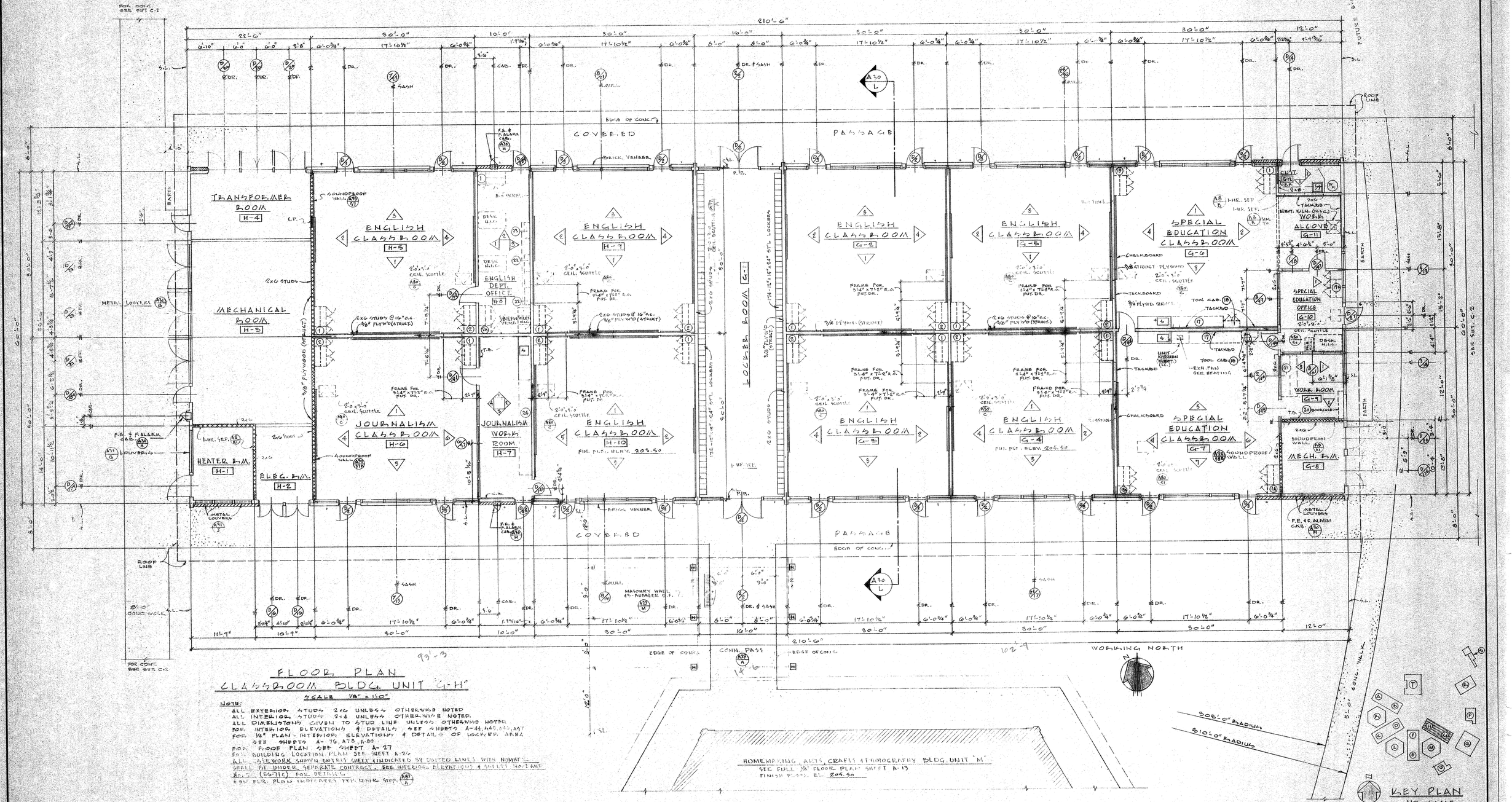
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
	CIVIL ENGINEER	ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
07883 APPROVED JAN 5 1959
BY E. Maag PRINCIPAL STRUCTURAL ENGINEER

FLOOR PLAN-CLASSROOM UNITS "E"-"F"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY D.B.W.
CHECKED BY C.C.S.
JOB NO. 56-71
SHEET NO. A9 OF 248 SHEETS



FLOOR PLAN
CLASSROOM BLDG. UNIT "G-H"
SCALE 1/8" = 1'-0"

NOTE:
ALL EXTERIOR STUDS 2x6 UNLESS OTHERWISE NOTED
ALL INTERIOR STUDS 2x4 UNLESS OTHERWISE NOTED.
ALL DIMENSIONS GIVEN TO STUD LINE UNLESS OTHERWISE NOTED
FOR INTERIOR ELEVATIONS & DETAILS SEE SHEETS A-44, A45, A46, A47
FOR 1/4" PLAN - INTERIOR ELEVATIONS & DETAILS OF LOCKER AREA SEE SHEETS A-76, A78, A-80
FOR ROOF PLAN SEE SHEET A-27
FOR BUILDING LOCATION PLAN SEE SHEET A-26
ALL CASEWORK SHOWN ON THIS SHEET & INDICATED BY DOTTED LINES WITH NUMBER SHALL BE UNDER SEPARATE CONTRACT. SEE INTERIOR ELEVATIONS & SHEETS NO. 1 AND NO. 2 (56-71C) FOR DETAILS.
+ ON FLR. PLAN INDICATES TYP. DOOR STOP. (A87/A)

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

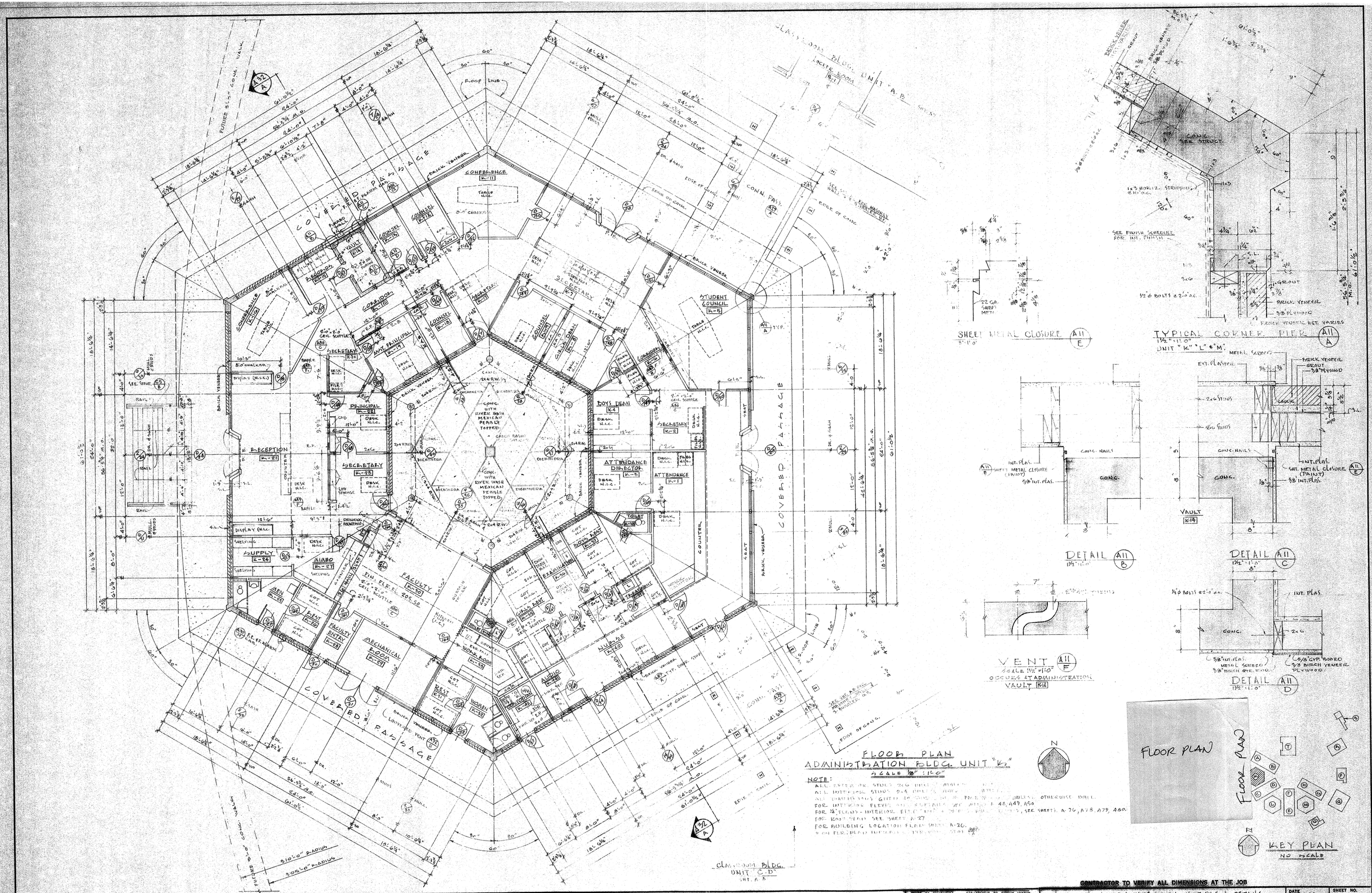
ARCHITECT	MECHANICAL ENGINEER	
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	
	CIVIL ENGINEER	

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17839 APPROVED JAN 5 - 1959
APPLICATION NO. Per E. Maag
PRINCIPAL ARCHITECTURAL ENGINEER

FLOOR PLAN - CLASSROOM UNITS "G" & "H"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE	1-59
DR. BY	D.E.W.
CHECKED BY	C.C.S.
JOB NO.	56-71
SHEET NO.	A10
OF 248 SHEETS	



FLOOR PLAN
ADMINISTRATION BLDG. UNIT "K"
SCALE 1/8" = 1'-0"

NOTE:
ALL EXTERIOR STUDS 2x6 UNLESS OTHERWISE NOTED.
ALL INTERIOR STUDS 2x4 UNLESS OTHERWISE NOTED.
ALL DIMENSIONS GIVEN TO STUDS, OR TO FACE OF CONC. UNLESS OTHERWISE NOTED.
FOR INTERIOR ELEVATIONS SEE SHEETS A-48, A49, A50
FOR 1/4" PLANS - INTERIOR ELEVATIONS SEE SHEETS A-76, A78, A79, A80.
FOR ROOF PLAN SEE SHEET A-27
FOR BUILDING LOCATION PLAN SHEET A-26.
+ ON FLR. PLAN INDICATES TYP. DOOR STOP

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE APPROVED JAN 1959 By E. Maag	FLOOR PLAN - ADMINISTRATION UNIT "K" & DETAILS LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	DATE 1-59 DR. BY D.E.W. CHECKED BY C.C.S. JOB NO. 56-71
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER				SHEET NO. A11 OF 248 SHEETS
	CIVIL ENGINEER				

CLASSROOM BLDG. UNIT "L-D"
FIN. FL. EL. 206.50
SEE SHT. A8

FOR MASONRY WALL 93'-ROUGLE OF. SEE SHT. A5

BIOLOGY
FINISH FLOOR EL. 206.50

GENERAL SCIENCE

PHYSICS

COVERED PASSAGE

CENTRAL STORAGE

OFFICE

CONN. PASS.

MECH. ROOM ABOVE SEE PLAN THIS SHEET

FOR MASONRY WALL SEE SHEET A5

CLASSROOM BLDG. UNIT "L-A"
FIN. FL. EL. 206.50

MECHANICAL ROOM

DUCT SPACE

NOTE: SEE SECT. A33/A FOR LOUVERS & SIDES SEE ALSO EXT. ELEV.

FLOOR PLAN
1/8" = 1'-0"
MECHANICAL ROOM ABOVE OFFICE & CENTRAL STORAGE
L-8 L-9

FLOOR PLAN
SCIENCE BLDG. UNIT "L"
SCALE 1/8" = 1'-0"

NOTE:
ALL EXTERIOR STUDS 2x6 UNLESS OTHERWISE NOTED.
ALL INTERIOR STUDS 2x4 UNLESS OTHERWISE NOTED.
ALL DIMENSIONS GIVEN TO FACE OF CONC. OR FACE OF STUDS UNLESS OTHERWISE NOTED.
FOR INTERIOR ELEVATIONS SEE SHEETS A51, A52, A46, A53, A47.
FOR INTERIOR ELEVATIONS SEE SHEETS A51, A52, A46, A53, A47.
FOR ROOF PLAN SEE SHEET A2
FOR BUILDING LOCATION PLAN SEE SHEET A26
FOR OLD FLOOR PLAN INDICATED SEE FLOOR PLAN SHEET (A8)

KEY PLAN
NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

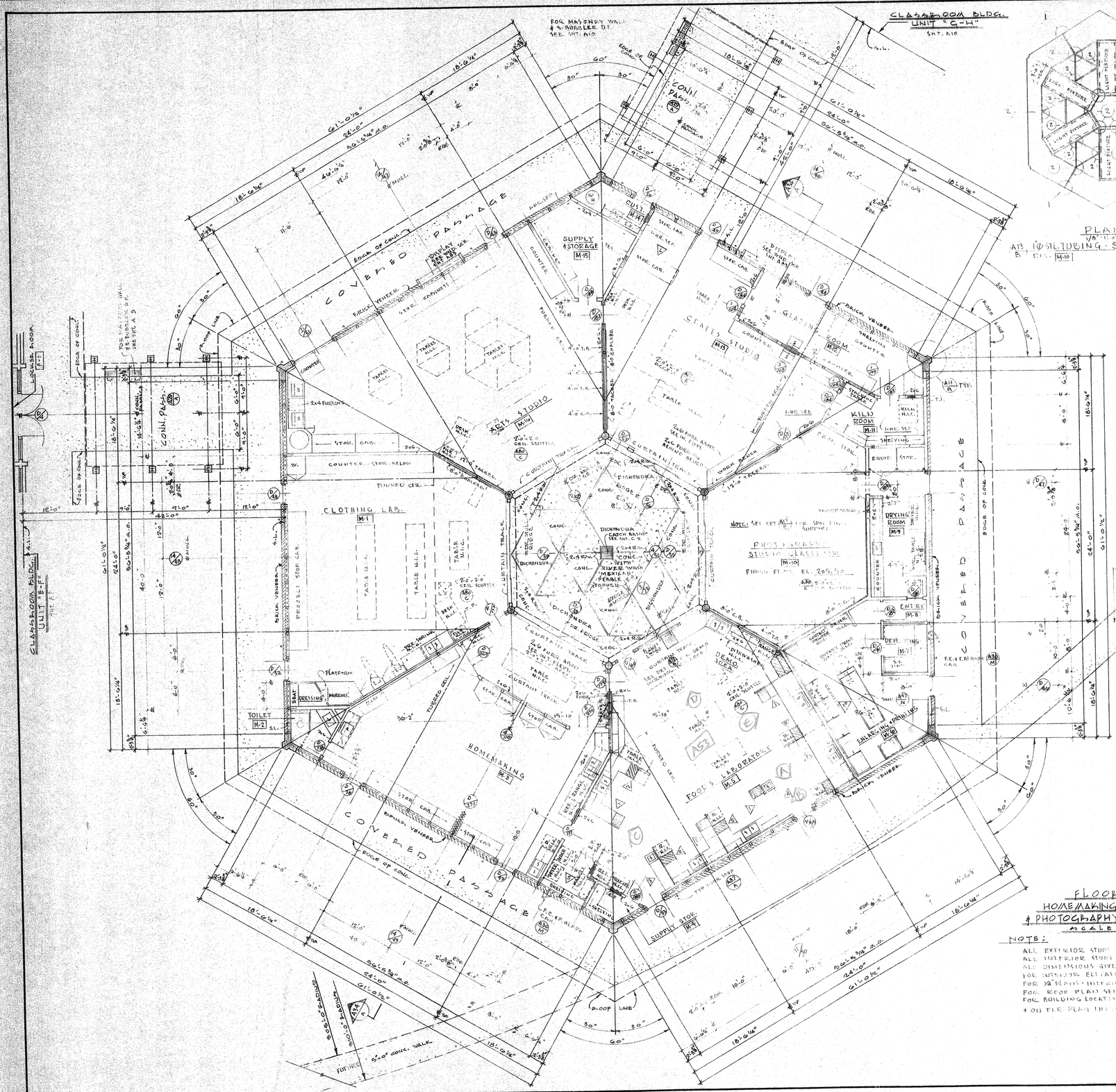
ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

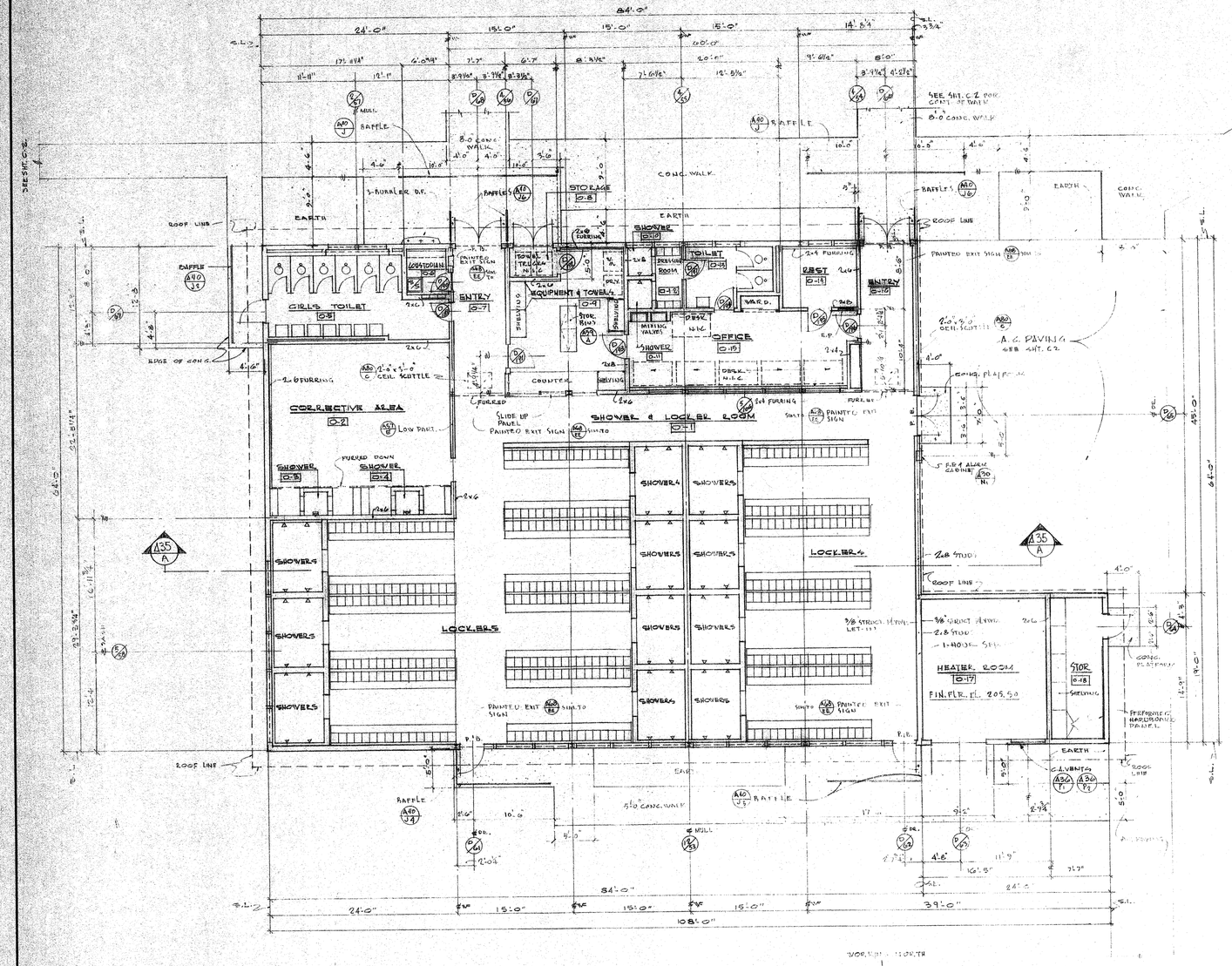
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED JAN 5 1959
E. Maag

FLOOR PLAN - SCIENCE UNIT "L"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

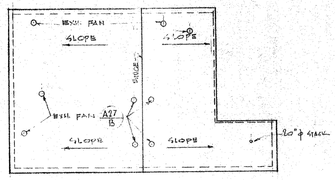
DATE 1-59
DR. BY D.R.W.
CHECKED BY C.C.S.
JOB NO. 58-71
SHEET NO. A12
OF 248 SHEETS


COVERED PASSAGE
CRAFTS STUDIO M-12
ARTS STUDIO M-10
SUPPLY & STORAGE M-16
KILN ROOM M-11
DRYING ROOM M-9
CLOTHING LAB. M-1
HOMEMAKING M-3
FOOD LABORATORY M-2
TOILET M-2
DRESSING
MIRRORS
CONC. PLAT.
BRICK VENEER
PLASTER
CONC. WALK
CURTAIN TRACK
TABLE M.C.
SINK
RANGE
REFRIGERATOR
DISHWASHER
DEMO. VERD.
CABINETS
COUNTER
SHELVING
EQUIP. STOR.
DEVELOPING M-7
ENTRY M-8
PHOTOGRAPHY STUDIO CLASSROOM M-10
FINISH FLOOR EL. 205.50
CLASSROOM BLDG. UNIT "C-H"
SHT. A10
LOUVER ROOM
EDGE OF CONC.
ROOF LINE
FURRED CEIL.
2x4 FURRING
STOR. CAB.
SINK
DISHWASHER
CONC. WITH RIVER WASH MEXICAN PEBBLE TOPPING
DICHONDRA
CATCH BASIN SEE GAC-2
2x6 FURR. ADJUST. SEE DET. A-27
2x6 FURR. BEARS SEE DET. A-27
CURTAIN TRACK
TABLE M.C.
DEMO. VERD.
RANGE
REFRIGERATOR
SINK
DISHWASHER

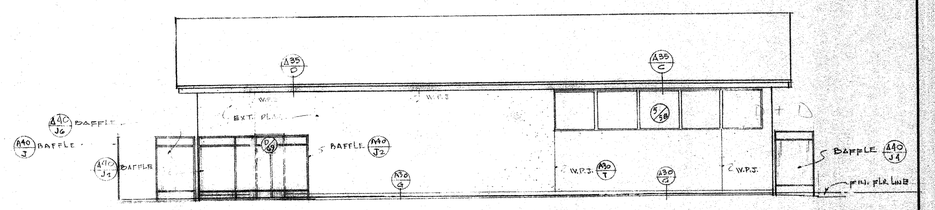


FLOOR PLAN
GIRLS SHOWER & LOCKER BLDG. UNIT "O"
SCALE: 1/8" = 1'-0"

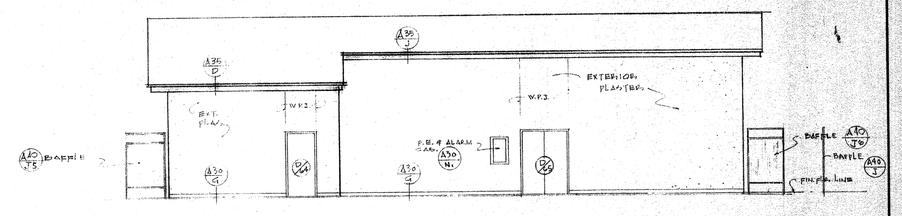
NOTE: ALL EXT. STUDS TO BE 2x6 UNLESS OTHERWISE NOTED
ALL INT. STUDS TO BE 2x4 UNLESS OTHERWISE NOTED
ALL DIM. GIVEN TO STUD LINE UNLESS OTHERWISE NOTED
FOR 1/4" PLAN, SHOWER & LOCKER AREA & TOILETS SEE SHEET A-57 & A-76
FOR INT. ELEVS. & DETAILS, SHOWER & LOCKER AREA SEE SHT. A-57, A-58
FOR INT. ELEVS. TOILET AREA SEE SHT. A-78, A-80
FOR ROOF PLAN SEE SHT. A-19
FOR BUILDING LOCATION PLAN SEE SHT. A26
+ ON FLR. PLAN INDICATES TYP. DOOR STOP. A87/A



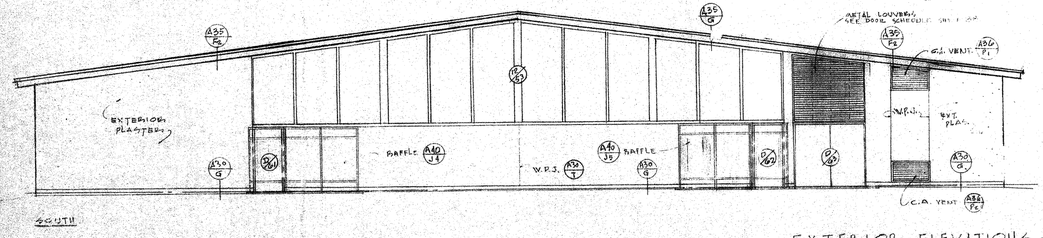
ROOF PLAN
1"=30'



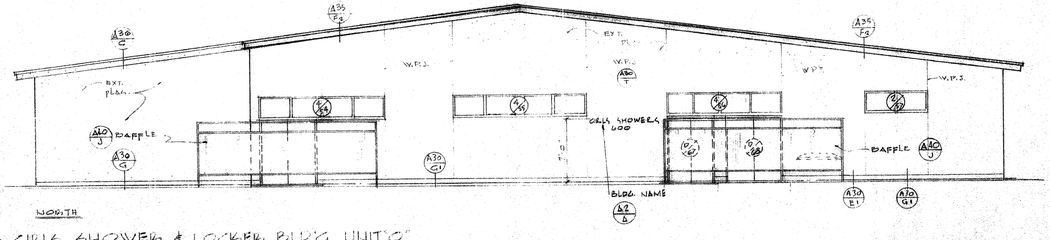
WEST



EAST

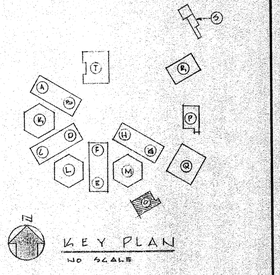


SOUTH



NORTH

EXTERIOR ELEVATIONS - GIRLS SHOWER & LOCKER BLDG. UNIT "O"
SCALE - 1/8" = 1'-0"



KEY PLAN
NO SCALE

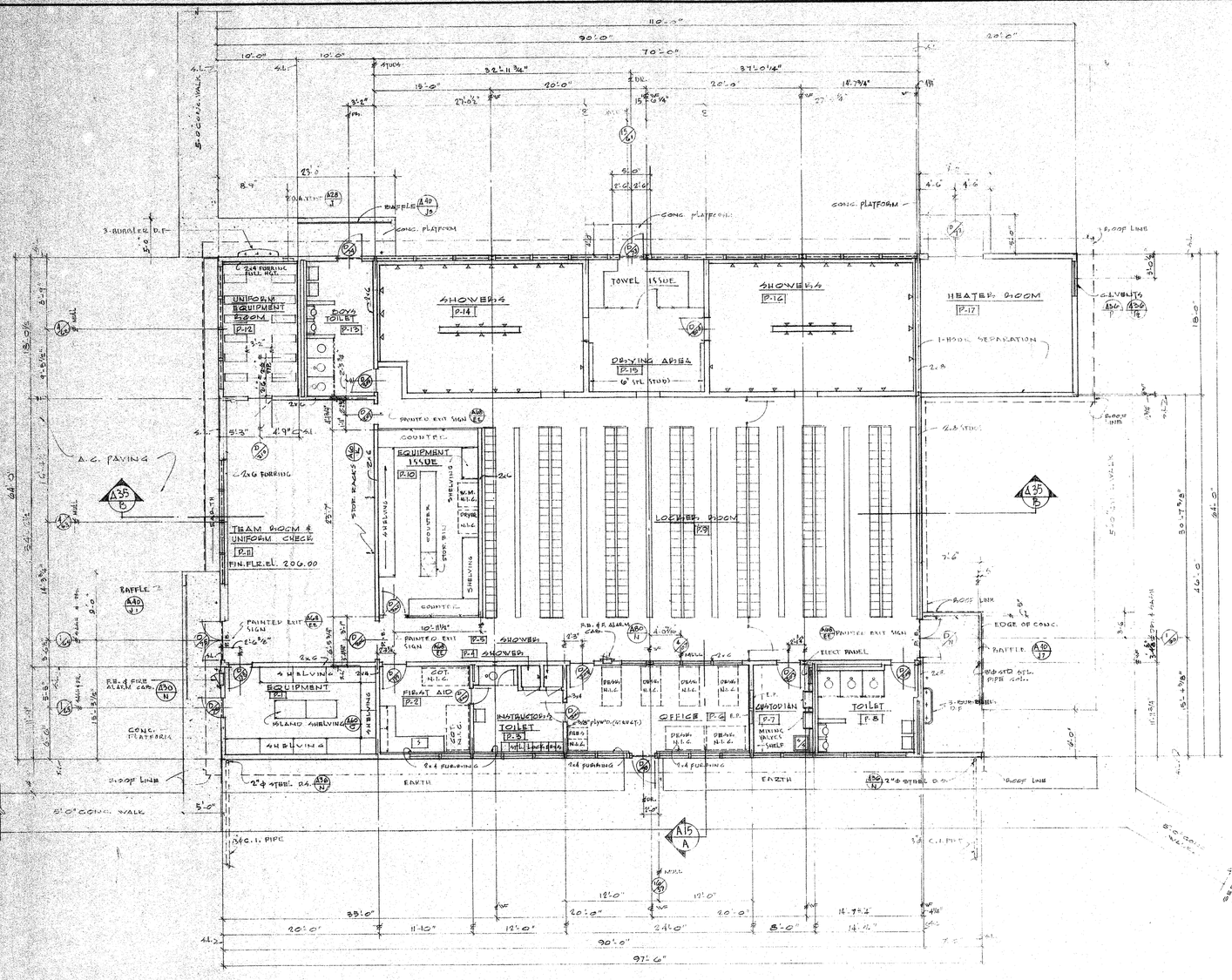
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

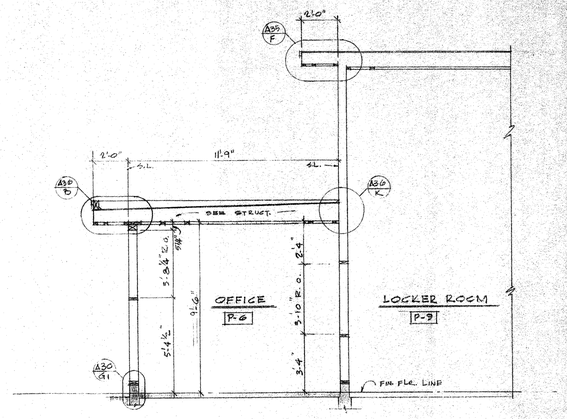
ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17838 APPROVED JAN 5 1959 Per E. Mang PRINCIPAL ARCHITECTURAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER		
	CIVIL ENGINEER		

FLOOR PLAN - EXT. ELEVS. & DETAILS GIRLS SHOWER & LOCKER BLDG. UNIT "O"

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

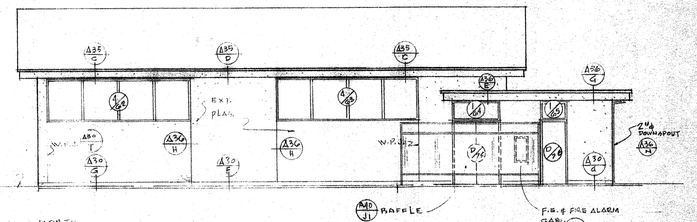
DATE 1-59
DR. BY
CHECKED BY C.C.S.
JOB NO. 56-71
SHEET NO. A14
OF 248 SHEETS

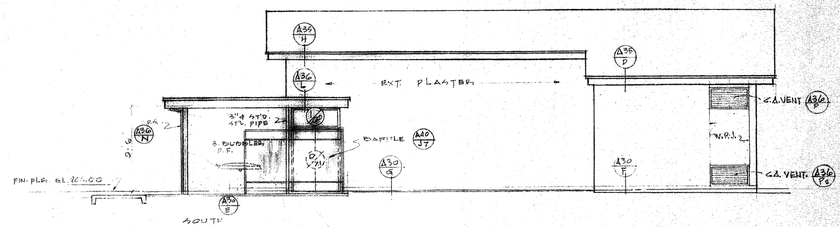


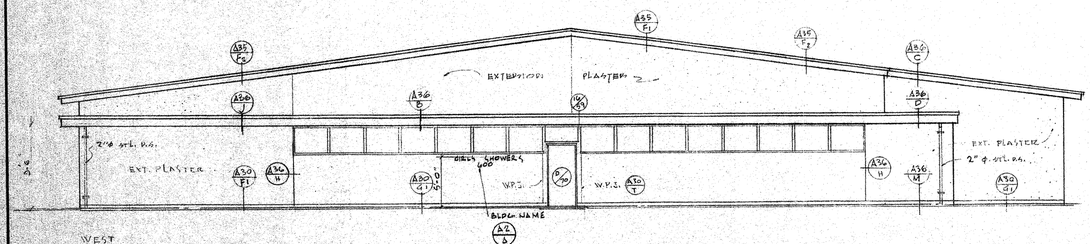


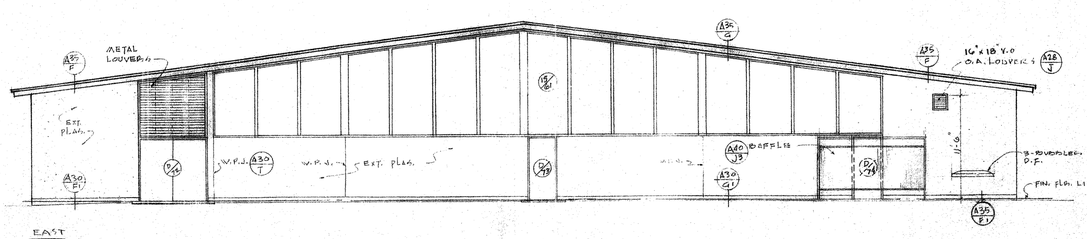
SECTION
1/8"=1'-0"

BOYS SHOWER & LOCKER BLDG. UNIT "P" A15 A

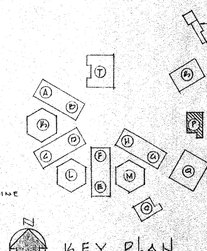








EXTERIOR ELEVATIONS — BOYS SHOWER & LOCKER BLD'G. UNIT "P"
1/8"=1'-0"



KEY PLAN
NO SCALE

NOTES: ALL EXTERIOR STUDS 2x6 UNLESS OTHERWISE NOTED.
ALL INTERIOR STUDS 2x4 UNLESS OTHERWISE NOTED.
ALL DIMENSIONS GIVEN TO STUD LINE UNLESS OTHERWISE NOTED.
FOR 1/4" PLAN SHOWER & LOCKER AREA & TOILETS SEE SHEET A-90, A-77
FOR INTERIOR ELEVATIONS & DETAILS, SHOWERS & LOCKERS AREA SEE SHTS. A-57, A-58, A-59, A-100
FOR INTERIOR ELEVATIONS & DETAILS, TOILET AREA SEE SHEET A-78, A-85
FOR ROOF PLAN SEE SHT. A-27.
FOR FLR. PLAN INDICATES TYP. DOOR STOP. A40 H

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

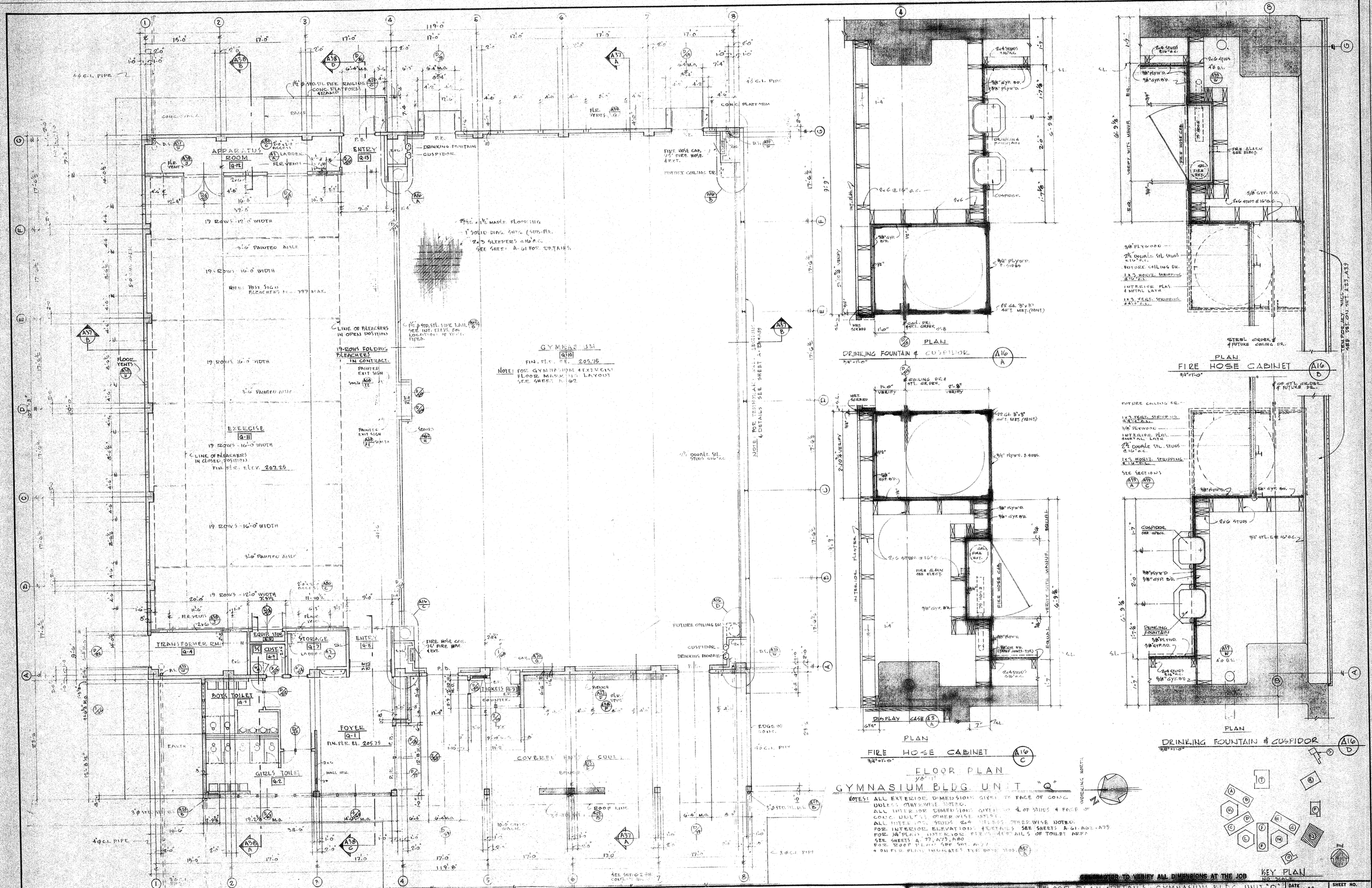
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED [illegible] 1959
Per E. Mraz

FLOOR PLAN - EXTERIOR ELEVATIONS & DETAILS
BOYS SHOWER & LOCKER BLDG. UNIT "P"

LA MIR ADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY J.K.
CHECKED BY C.C.T.
JOB NO. 56-71
SHEET NO. A15
OF 245 SHEETS



CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

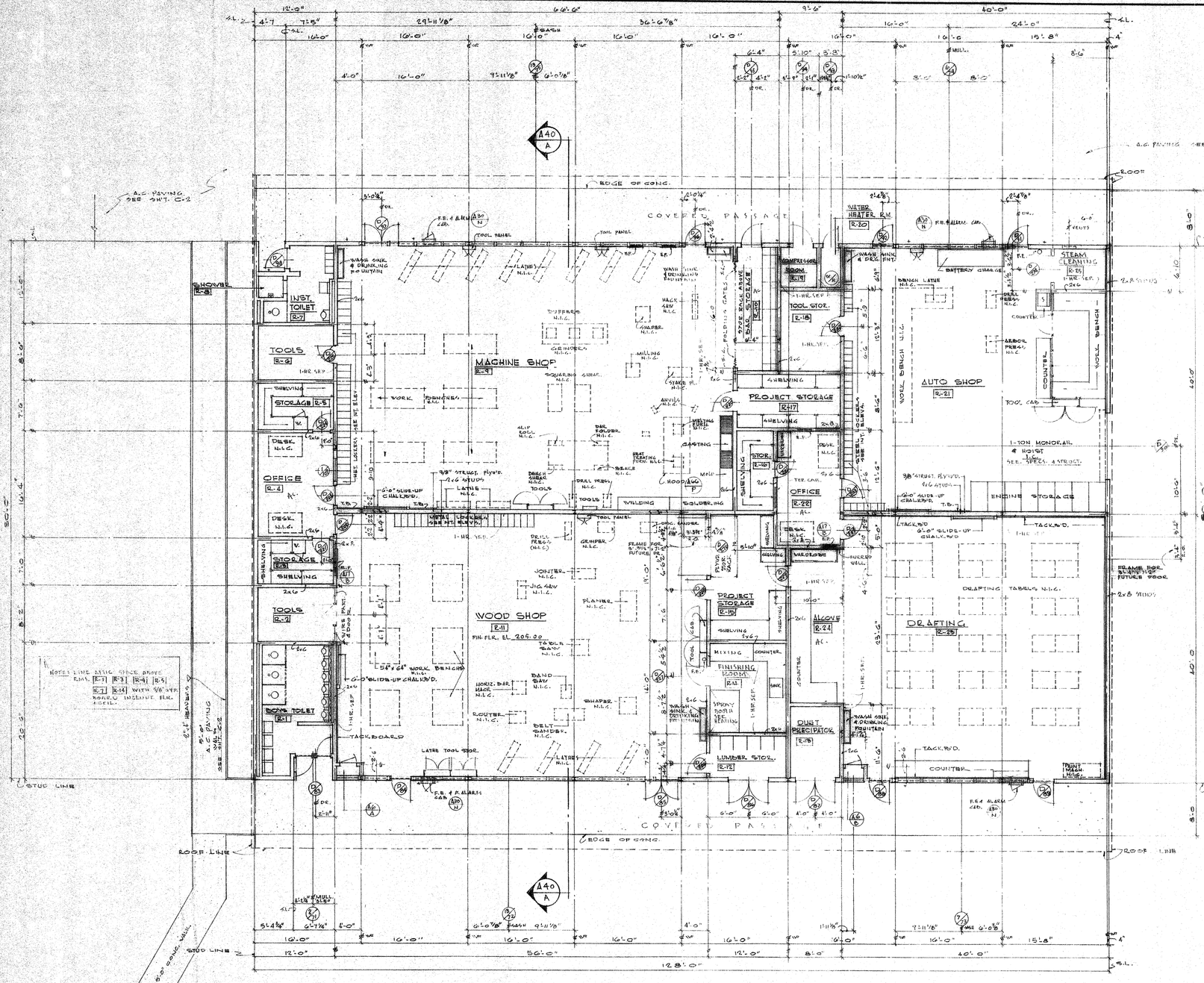
ARCHITECT	MECHANICAL ENGINEER	**KISTNER, WRIGHT & WRIGHT**	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES	17833 APPROVED JAN 5 - 1959
	CIVIL ENGINEER	ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA	APPROVED Per E. Mary CHIEF, PROFESSIONAL ENGINEER

FLOOR PLAN & DETAILS - GYMNASIUM BLDG. UNIT "Q"

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY J.R.
CHECKED BY G.C.S.
JOB NO. 56-71

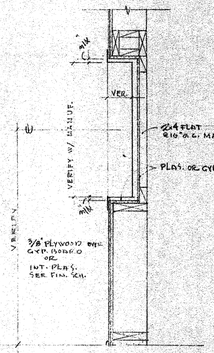
SHEET NO. A16 OF 248 SHEETS



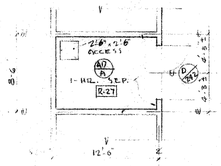
FLOOR PLAN
1/8"=1'-0"

SHOP BUILDING UNIT "R"

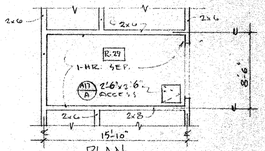
NOTES:
ALL EXTERIOR STUDS 2x6 UNLESS OTHERWISE NOTED.
ALL INTERIOR STUDS 2x4 UNLESS OTHERWISE NOTED.
ALL DIMENSIONS GIVEN TO STUD LINE UNLESS OTHERWISE NOTED.
FOR INTERIOR ELEVATIONS & DETAILS SEE SHEETS A-05, A-06, A-07, A-08
FOR 1/4" PLAN - INTERIOR ELEVS. & DETAILS, TOILET AREAS SEE SHEETS, A-77, A-78, A-80.
FOR ROOF PLAN SEE SHEET A-27
FOR BUILDING LOCATION PLAN SEE SHT. A-26.
+ ON ELEV. PLAN INDICATES TYP. DOOR STOP (A87 B)



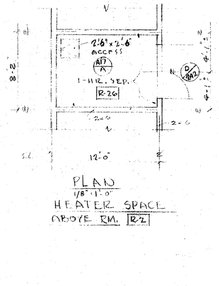
A17 B — SECTION ELECTRIC PANEL
3/4"=1'-0"



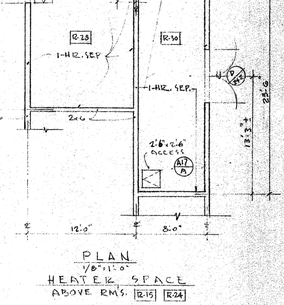
PLAN
1/8"=1'-0"
HEATER SPACE
ABOVE RM. R-6



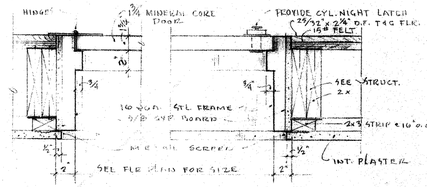
PLAN
1/8"=1'-0"
HEATER SPACE
ABOVE RM. R-17



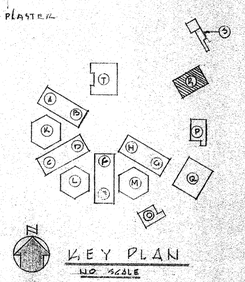
PLAN
1/8"=1'-0"
HEATER SPACE
ABOVE RM. R-2



PLAN
1/8"=1'-0"
HEATER SPACE
ABOVE RMS. R-15 R-24



ACCESS DOOR A-17 A
1½"=1'-0"



NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

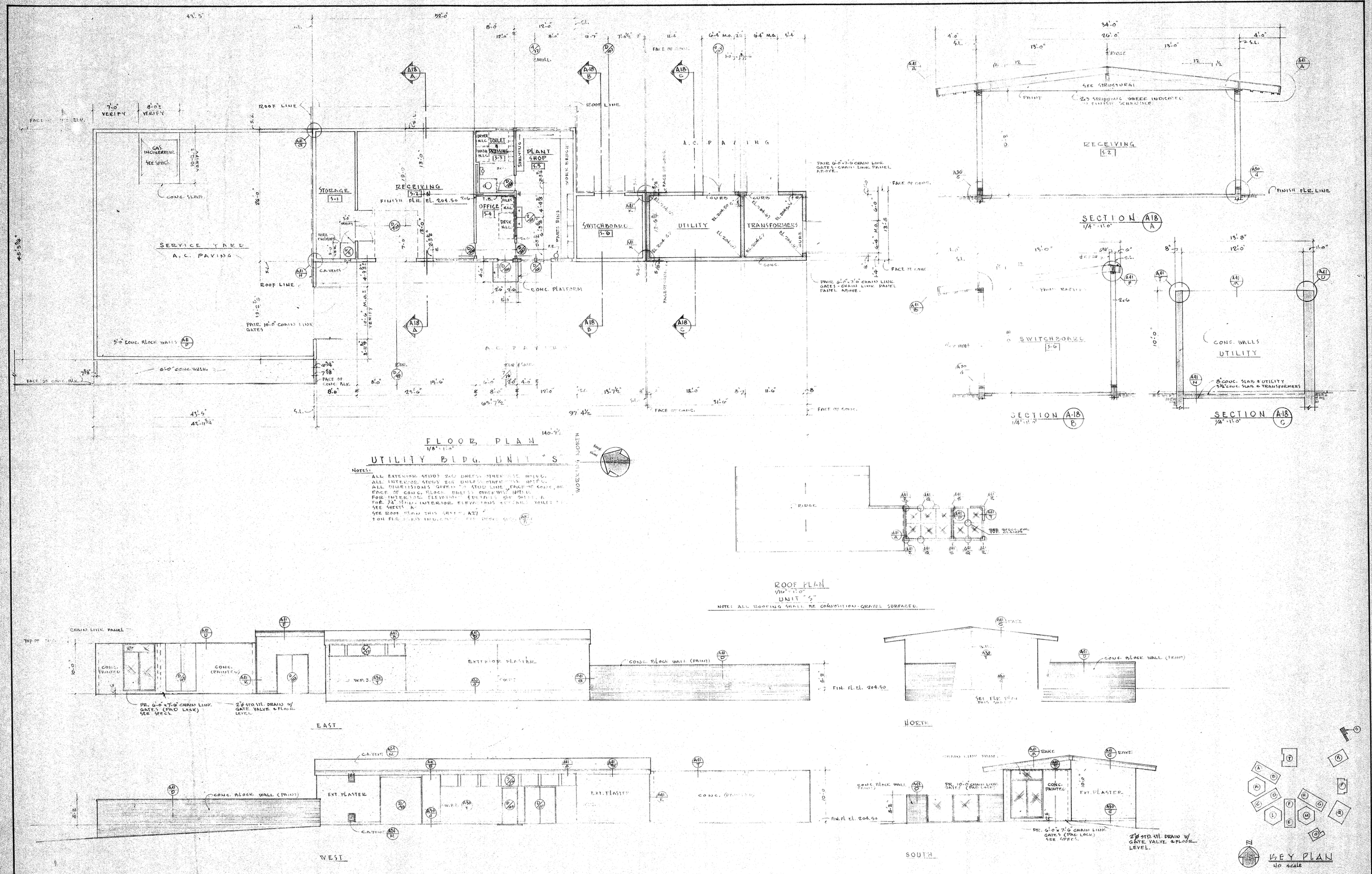
ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 17833 APPROVED JAN 5 1959
FOR E. Maag BC
PRINCIPAL STRUCTURAL ENGINEER

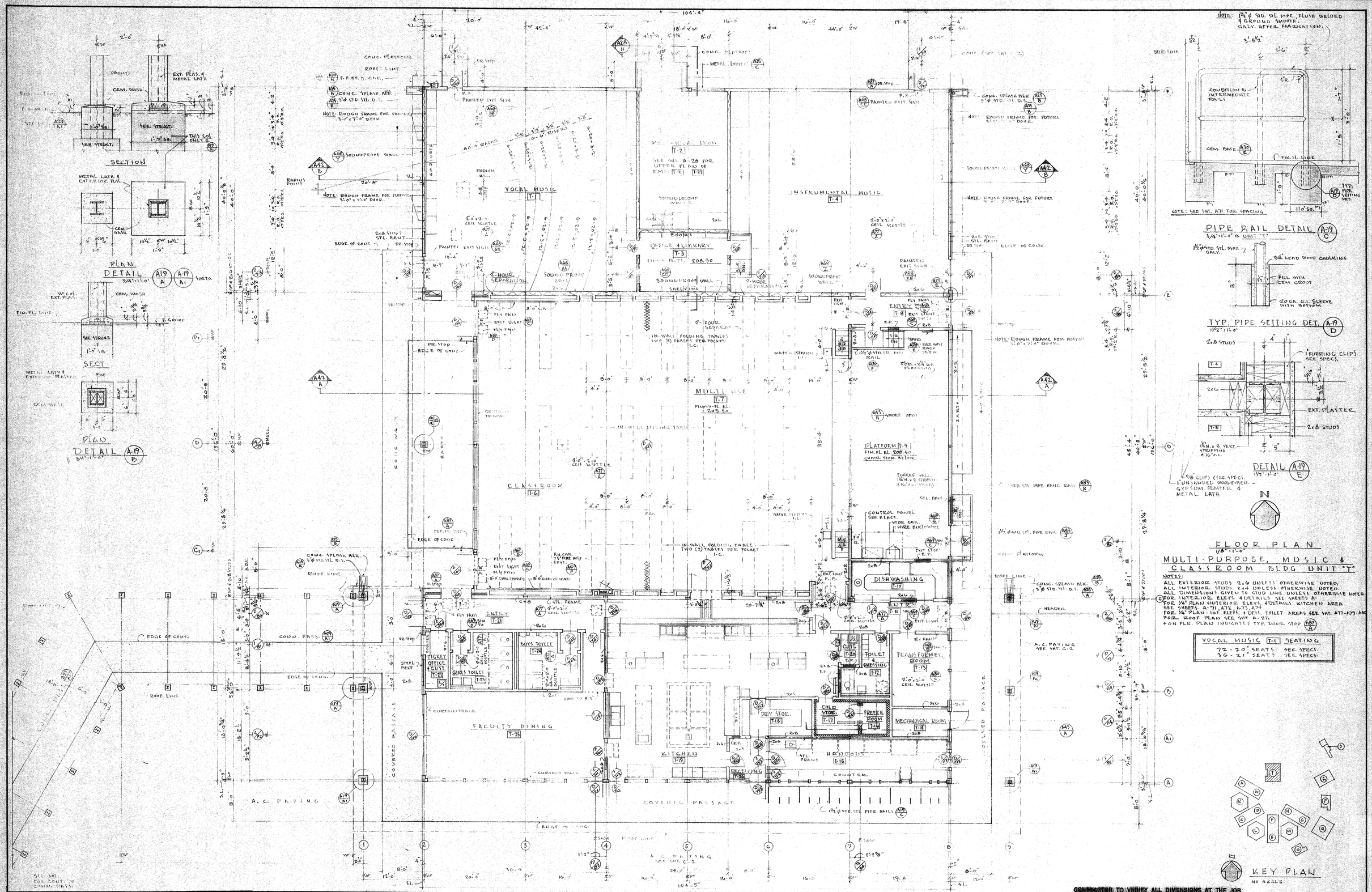
FLOOR PLAN & DETAILS SHOP UNIT "R"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY J.R.
CHECKED BY C.C.L.
JOB NO. 56-71
SHEET NO. A17
OF 248 SHEETS



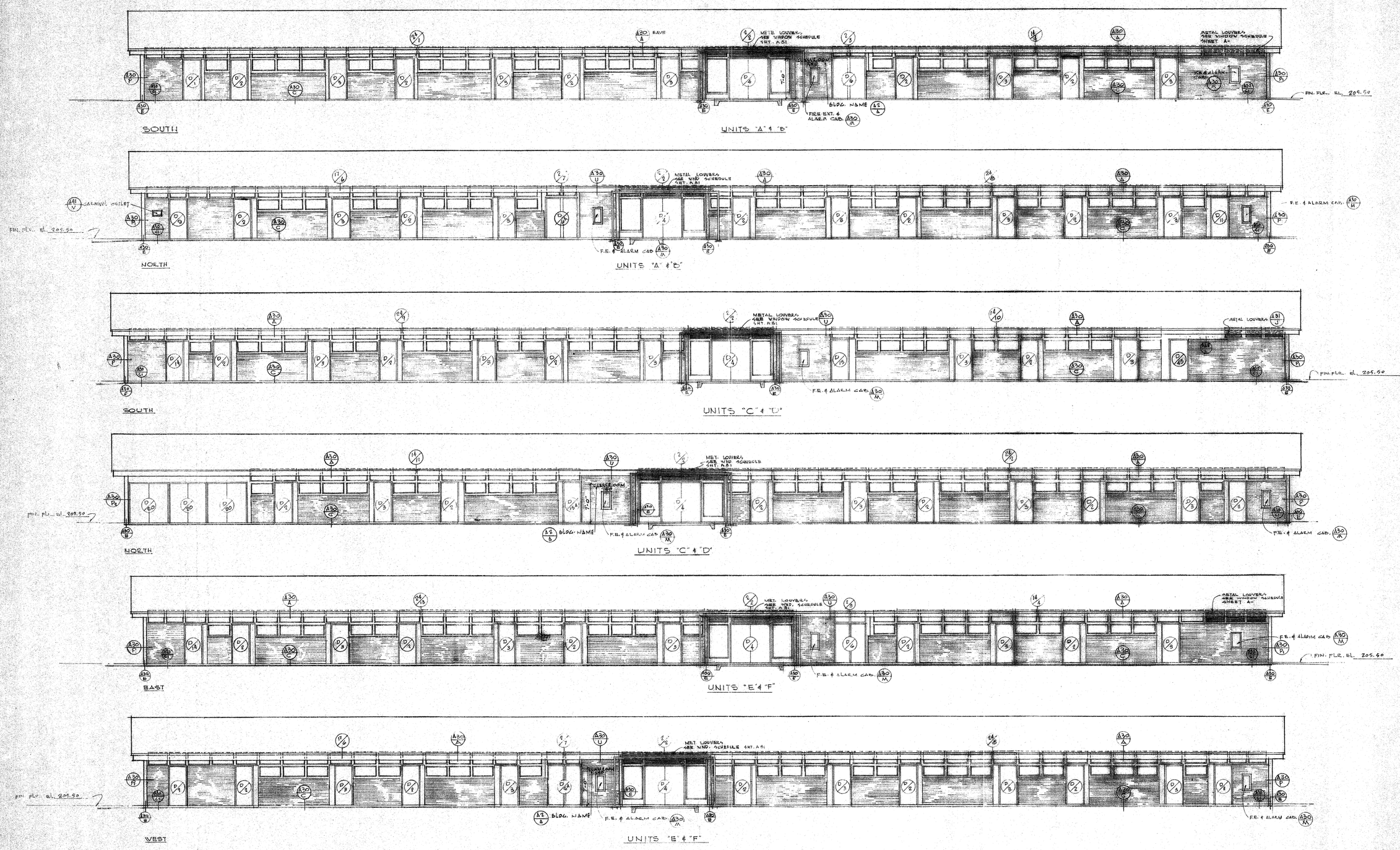
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE APPROVED JAN 6 1959 E. Maag PRINCIPAL STRUCTURAL DIVISION	FLOOR PLAN, ROOF PLAN, SECTION & EXT. ELEVS. UTILITY BLDG. UNIT "S" LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER			DATE 1-59 DR. BY CHECKED BY C.C.S. JOB NO. 56-71
	CIVIL ENGINEER			SHEET NO. A18 OF 248 SHEETS



CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17853 APPROVED JAN 3 1959 APPLICATION NO. Per E. Marg BE	FLOOR PLAN - MULTI-PURPOSE, MUSIC & CLASSROOM UNIT "T" LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	DATE 1-59 DR. BY CHECKED BY C.C.S. JOB NO. 56-71
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER CIVIL ENGINEER				SHEET NO. A19 OF 246 SHEETS



SCALE 1/8" = 1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	**KISTNER, WRIGHT & WRIGHT**	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE	EXTERIOR ELEVATIONS - UNITS "A" & "B" - "C" & "D" - "E" & "F"	DATE 1-59
	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES	17883 APPROVED JAN 5 - 1959	LA MIRADA HIGH SCHOOL	DR. BY J.R.
STRUCTURAL ENGINEER	CIVIL ENGINEER	ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA	APPLICATION NO. Per E. Maag PRINCIPAL ARCHITECTURAL ENGINEER	EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	CHECKED BY C.C.S. JOB NO. 56-71

SHEET NO. A 20 OF 248 SHEETS

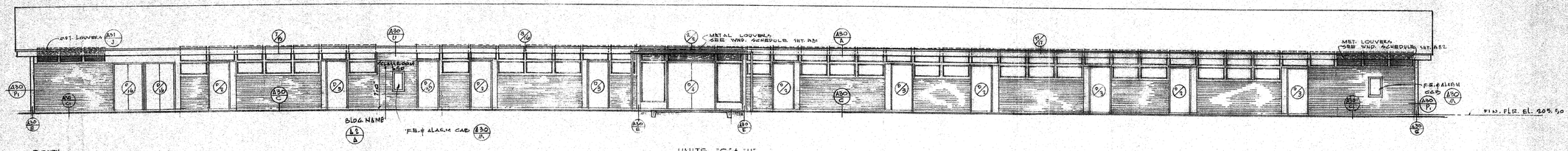


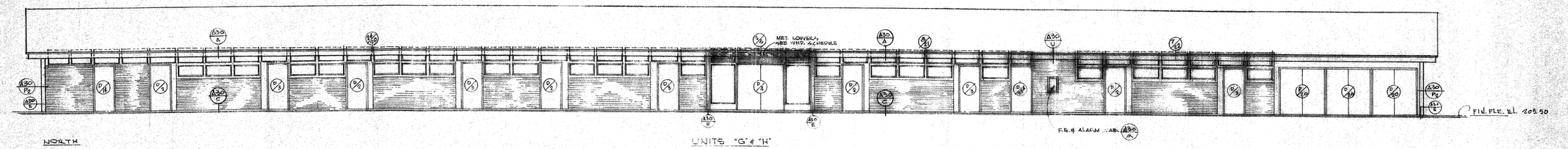
EXTERIOR ELEVATIONS UNITS A-B, "C-D", "E-F", "G-H" & "K"

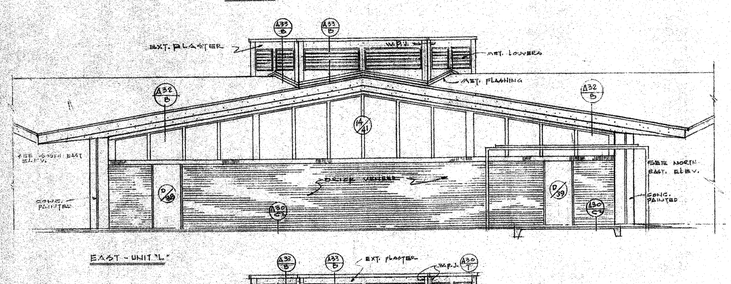
SCALE: 1/8" = 1'-0"

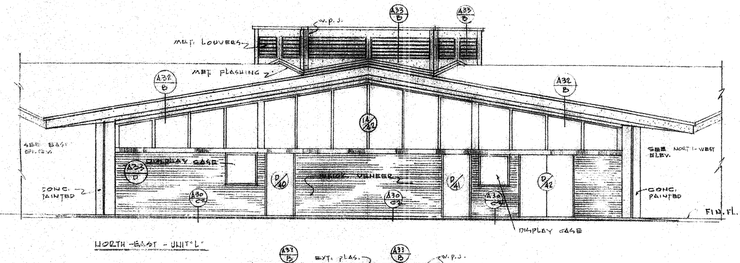
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

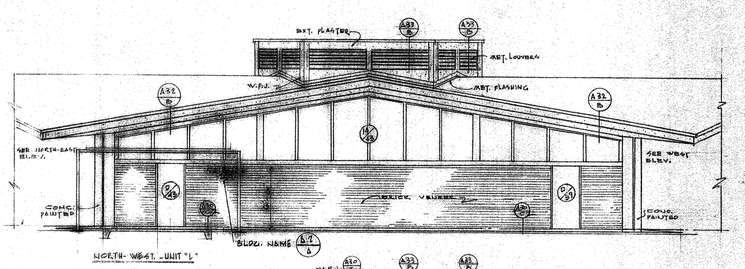
ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17[illegible] APPROVED JAN 6 1959 APPLICATION NO. Dept. E Maag PRINCIPAL STRUCTURAL CONSULTANT	EXTERIOR ELEVATIONS UNITS "A-B", "C-D", "E-F", "G-H" & "K" LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	DATE 1-59 DR. BY J. RAMOS CHECKED BY C.C.S. JOB NO. 56-71	SHEET NO. A 21 OF 248 SHEETS
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER				
	CIVIL ENGINEER				

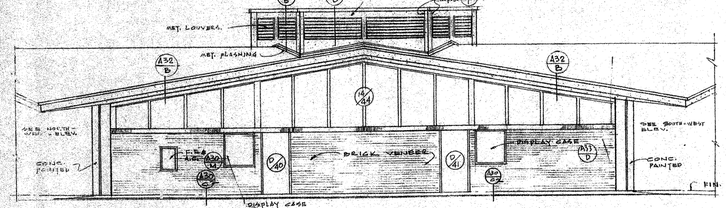


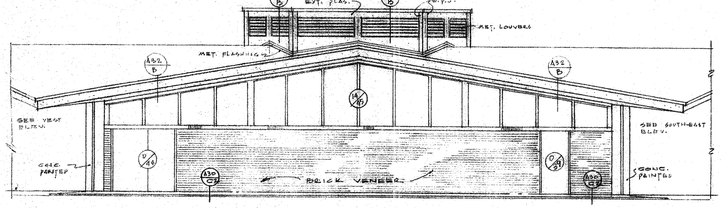


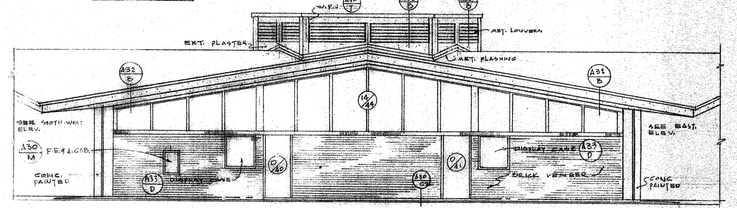


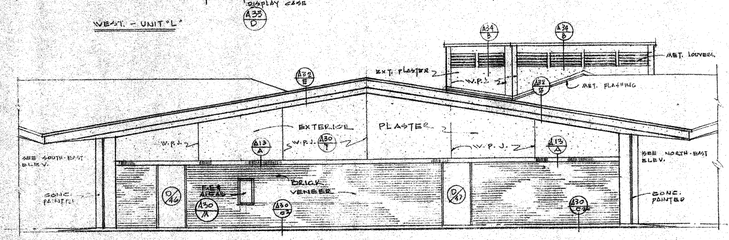


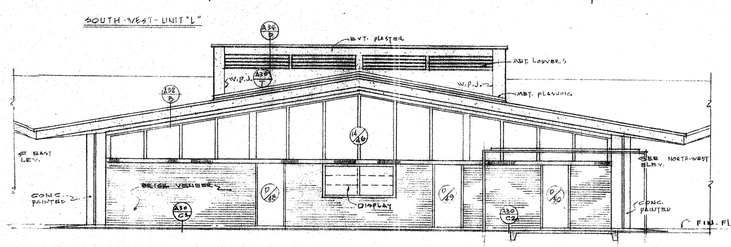


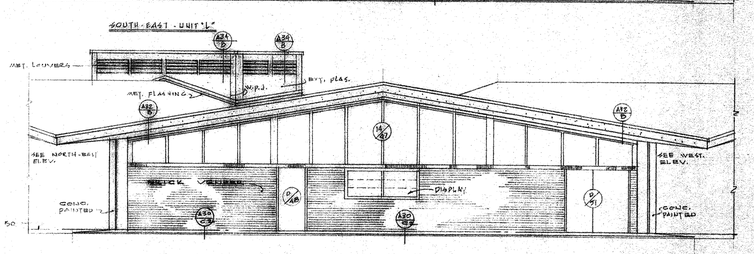


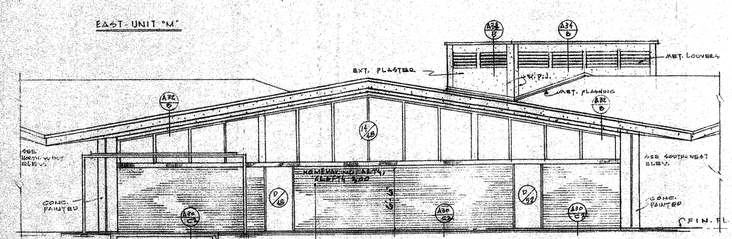


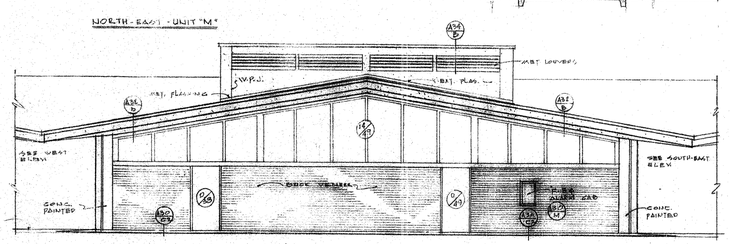


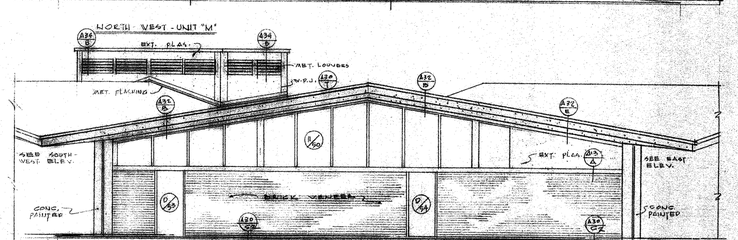












EXTERIOR ELEVATIONS UNITS "G", "H", "L" & "M"

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR RENDON & LEWIS K OSBORN, ASSOCIATES

ARCHITECTURE - ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17839 APPROVED JAN 7 1959
Per E. Murray

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

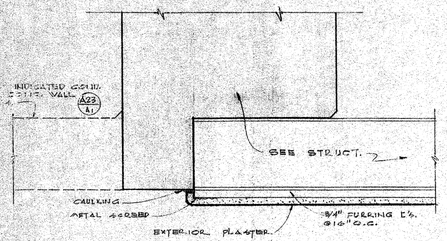
SCALE : 1/8"=1'-0"

EXTERIOR ELEVATIONS UNITS "G","H","L" & "M"

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

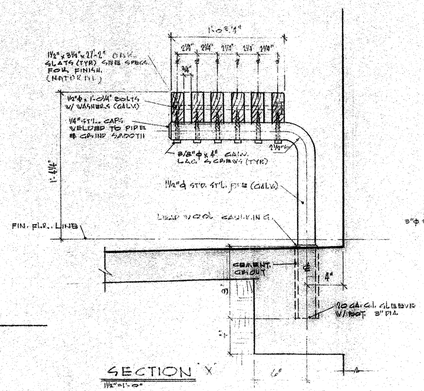
DATE 1-59
DR. BY J.E.M.O.S.
CHECKED BY E.C.F.
JOB NO. 56-71

SHEET NO. A22
OF 240 SHEETS

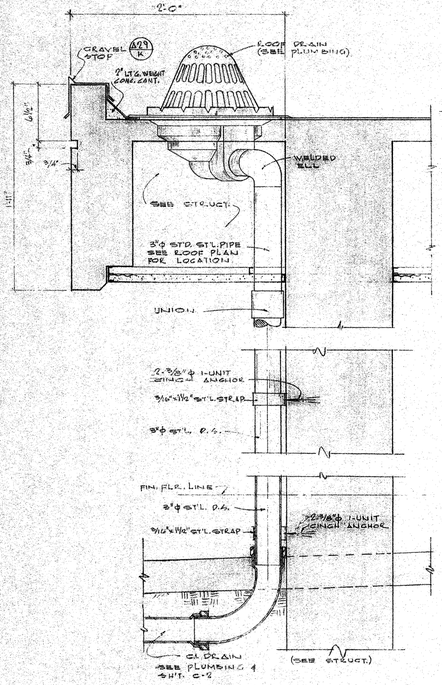


PLAN OF TEMPORARY WALL A23/A A23/A1

SCALE: 1½"=1'-0"

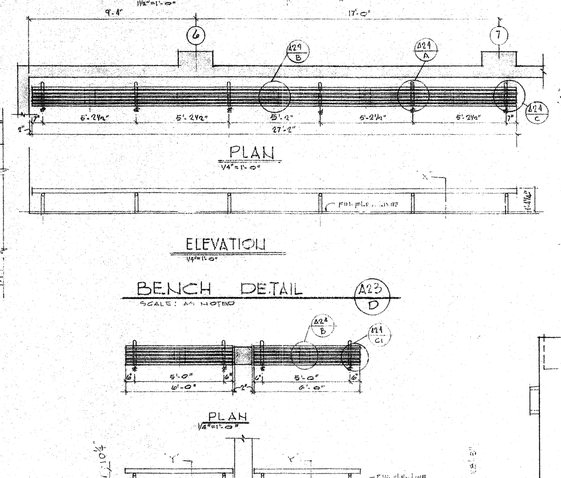


SECTION 'X'



DRAIN @ LOW ROOF A23/B

1½"=1'-0"

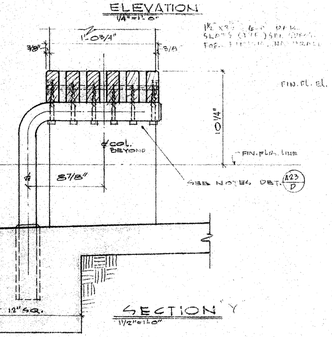


ELEVATION

PLAN

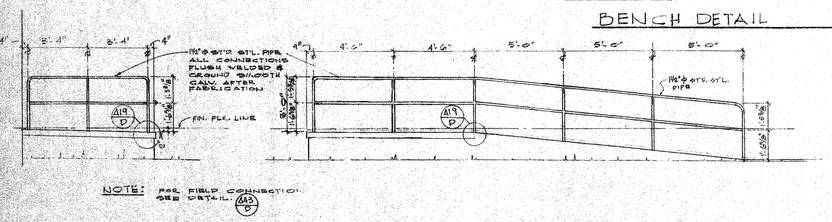
BENCH DETAIL A23/D

SCALE: AS NOTED



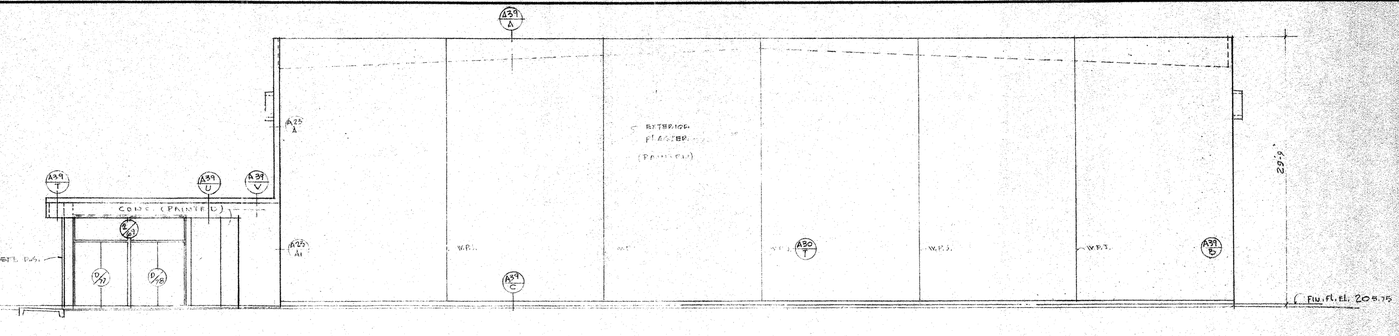
SECTION 'Y'

BENCH DETAIL A23/E

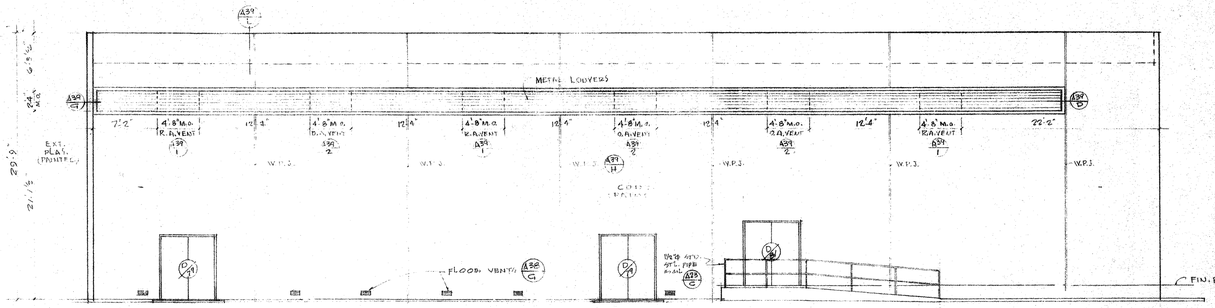


NOTE: FOR FIELD CONNECTION SEE DETAIL A25/F

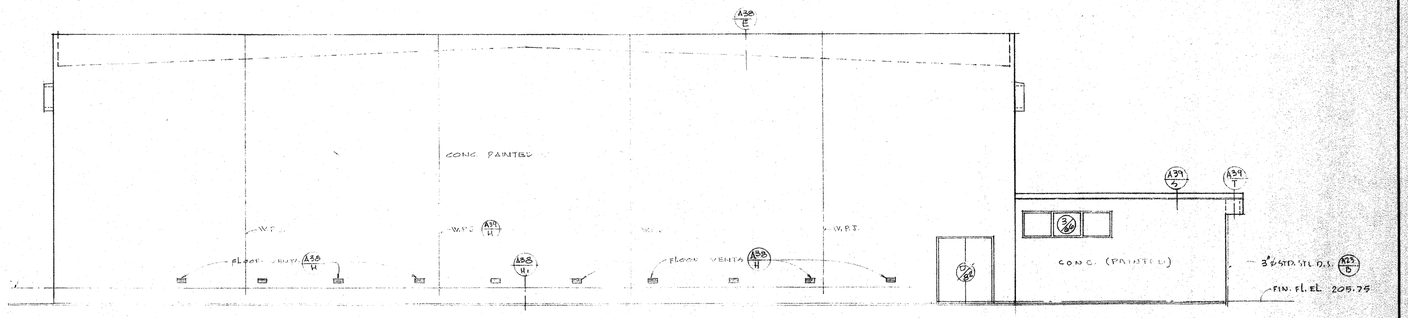
RAMP & PIPE ELEVATION A23/C



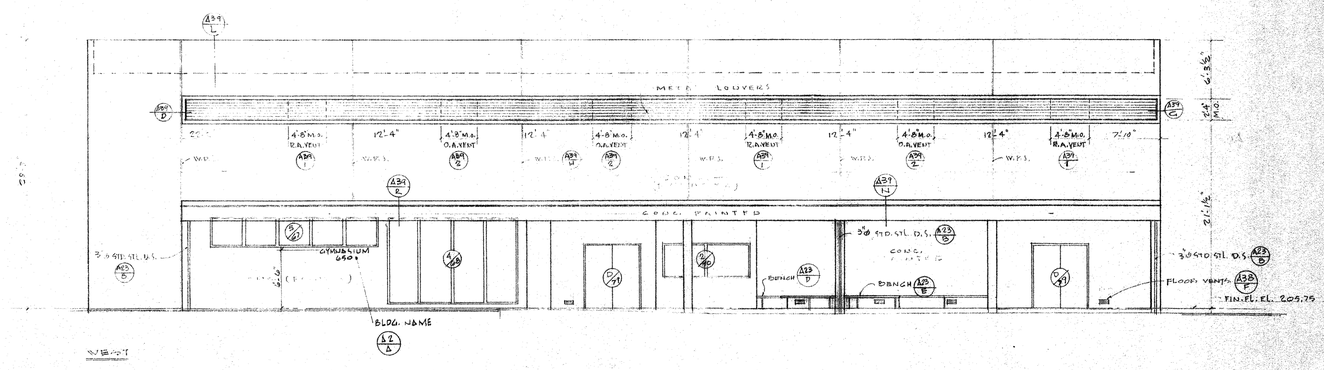
SOUTH



EAST



NORTH



WEST

EXTERIOR ELEVATIONS

1/8"=1'-0"

GYMNASIUM BUILDING - UNIT 'Q'

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE

APPROVED JAN 5 1959

EXTERIOR ELEVATIONS & DETAILS - GYMNASIUM BLDG. UNIT 'Q'

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE 1-59

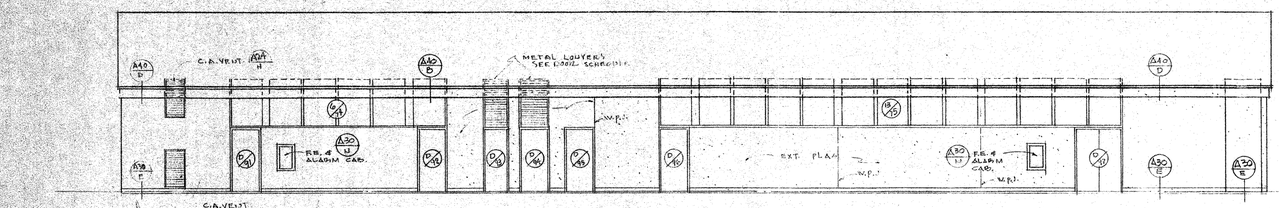
DR. BY J.C.

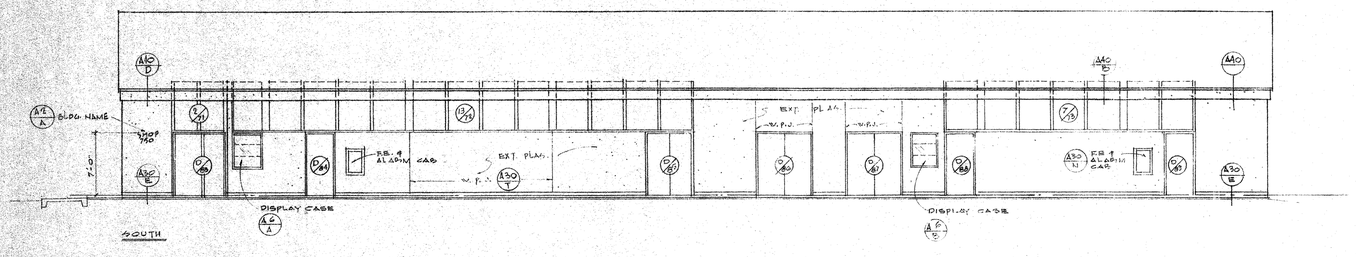
CHECKED BY C.C.S.

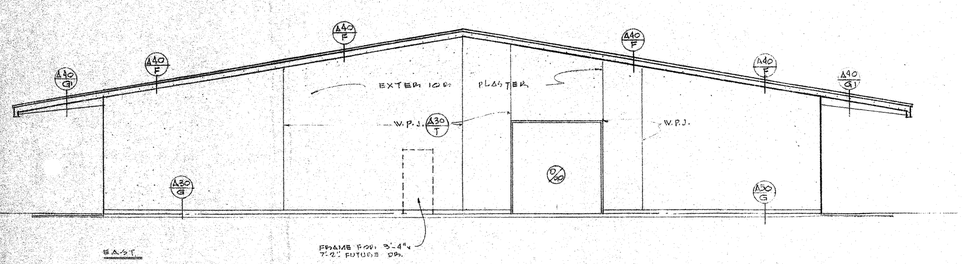
JOB NO. 56-71

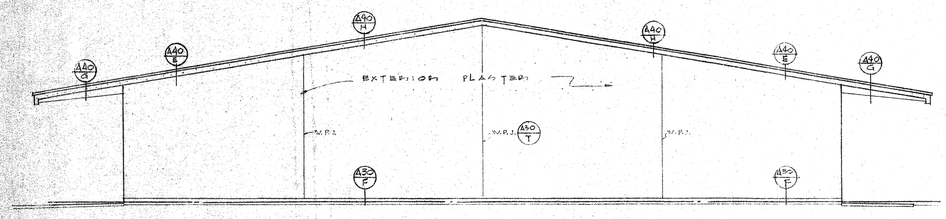
SHEET NO. A 23

OF 248 SHEETS



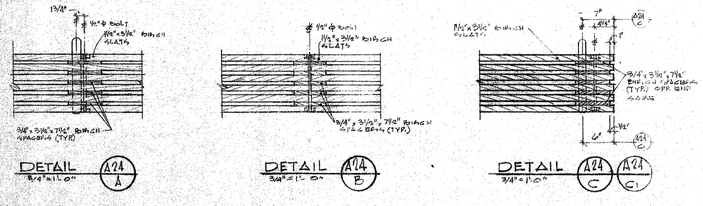


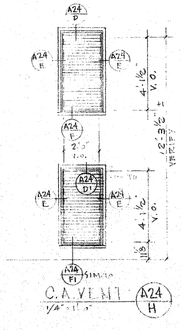


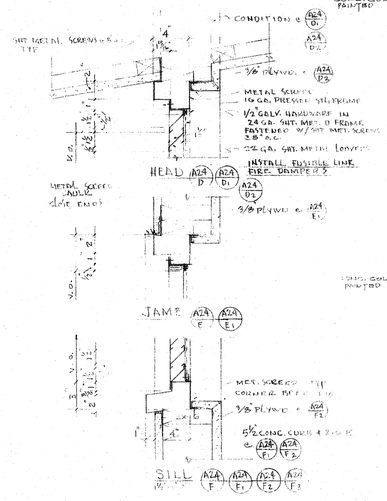


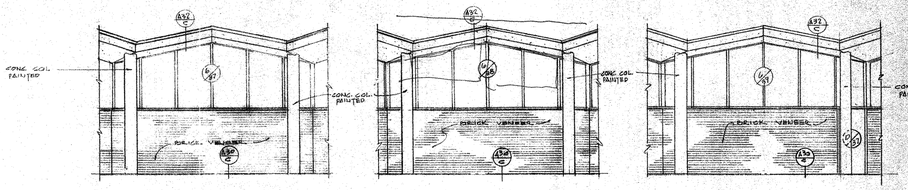
EXTERIOR ELEVATIONS
SCALE : 1/8" = 1'-0"

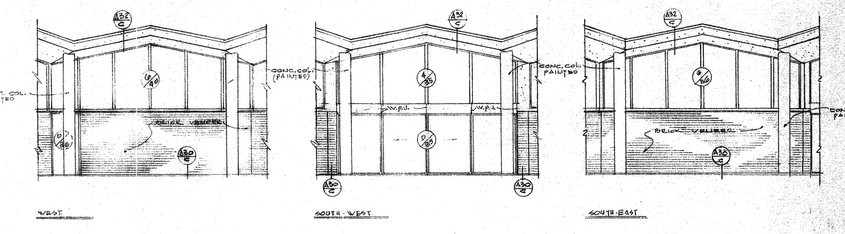
SHOP BUILDING UNIT "K"



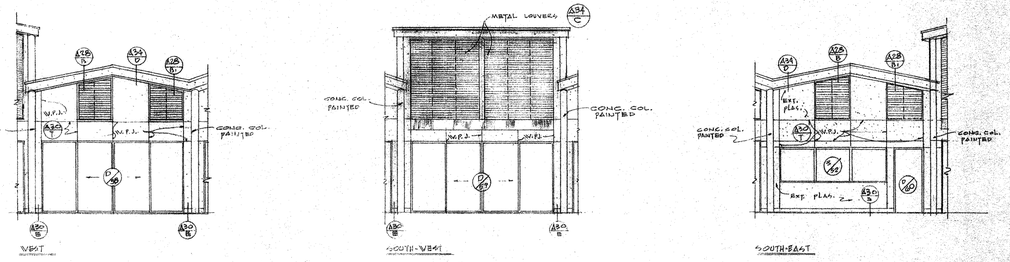


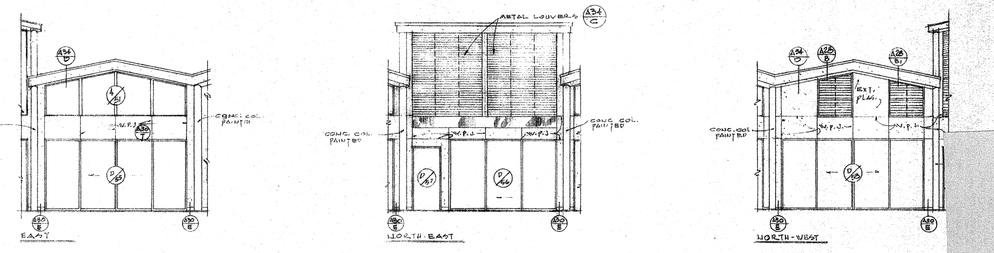






EXTERIOR ELEVATIONS - UNIT "L"
1/8" = 1'-0"





EXTERIOR ELEVATIONS UNIT "M"
1/4" = 1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

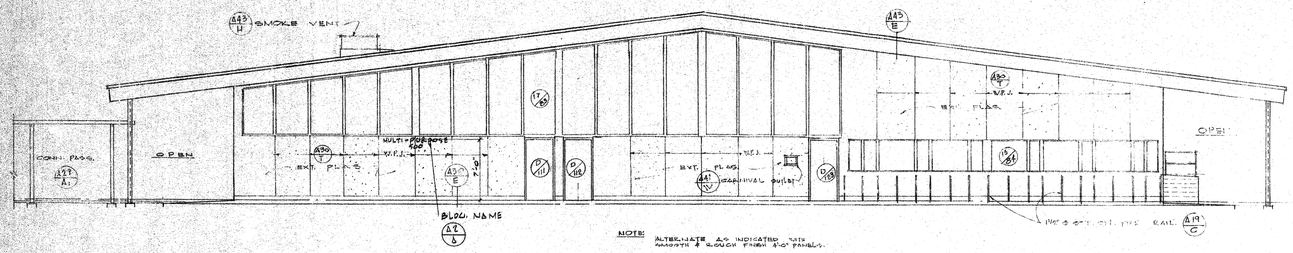
ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED JAN 6 1959
By E Maag
PRINCIPAL STRUCTURAL ENGINEER

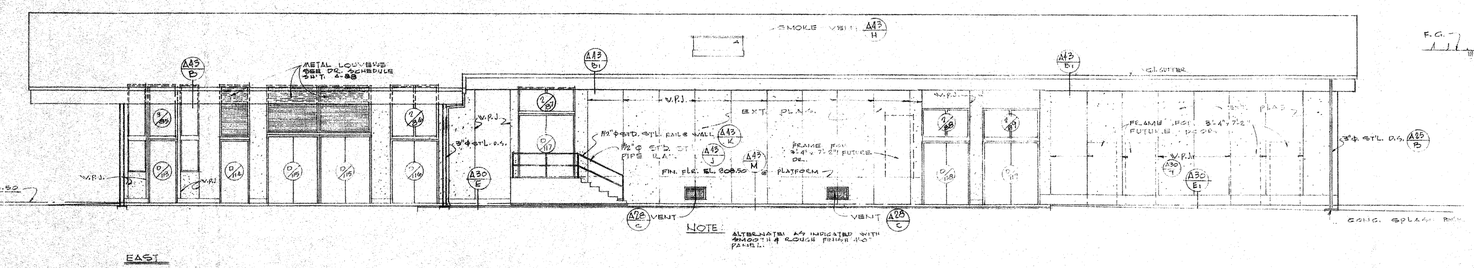
EXTERIOR ELEVATIONS - UNITS "L", "K" & "M"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY J.R.
CHECKED BY C.C.S.
JOB NO. 56-71
SHEET NO. A24
OF 248 SHEETS



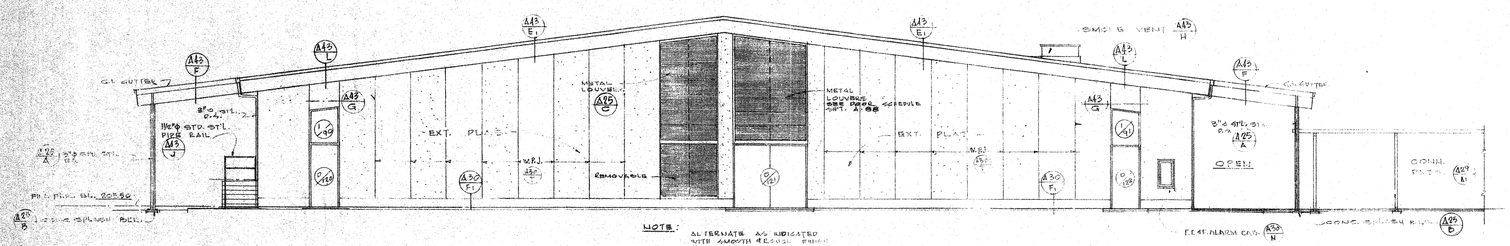
SOUTH

NOTE: ALTERNATE AS INDICATED WITH SMOOTH & ROUGH FINISH ALO PANELS.



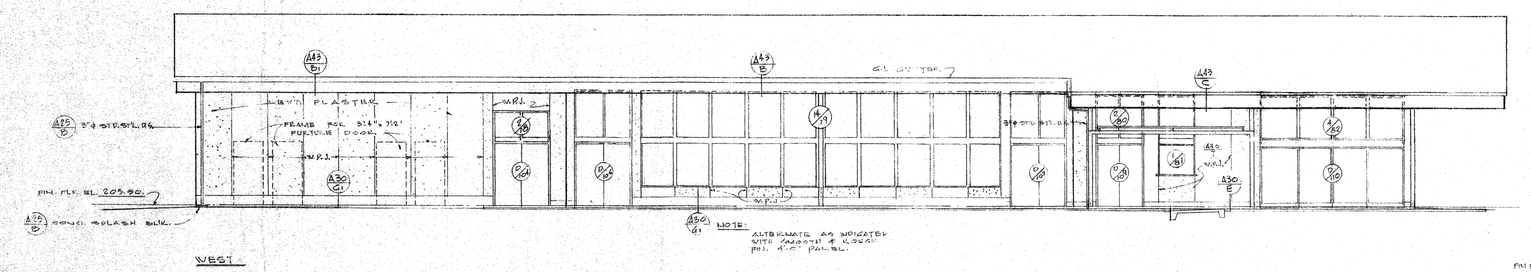
EAST

NOTE: ALTERNATE AS INDICATED WITH SMOOTH & ROUGH FINISH ALO PANELS.



NOTE: ALTERNATE AS INDICATED WITH SMOOTH & ROUGH FINISH ALO PANEL.

NORTH

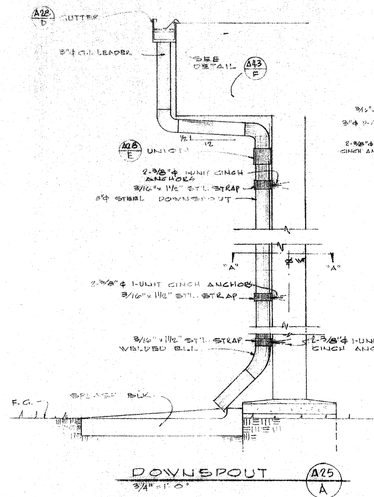


NOTE: ALTERNATE AS INDICATED WITH SMOOTH & ROUGH FINISH ALO PANEL.

WEST

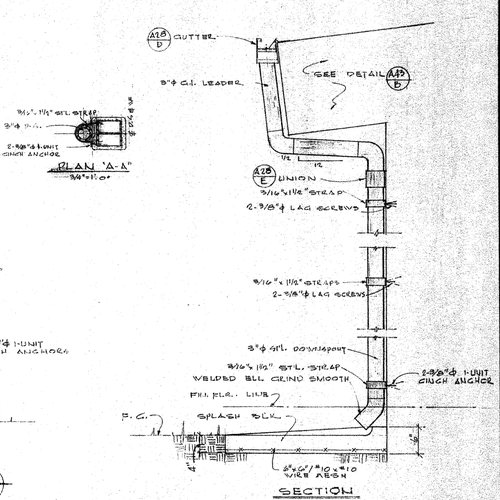
EXTERIOR ELEVATION ~ MULTI-PURPOSE, MUSIC & CLASSROOM BLDG. - UNIT "T"

SCALE - 1/8"=1'-0"

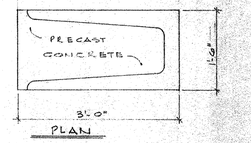


DOWNSPOUT

3/4"=1'-0"



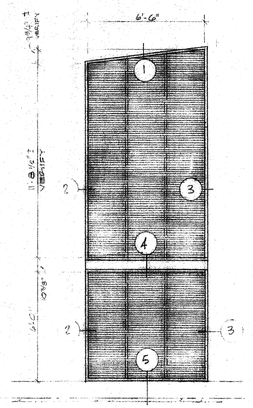
SECTION



PLAN

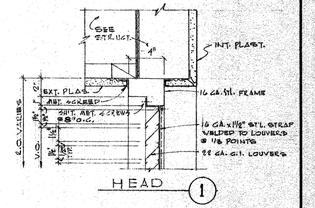
DOWNSPOUT & SPLASH BLOCK A25/B

3/4"=1'-0"

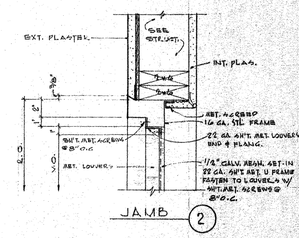


LOUVER ELEVATION

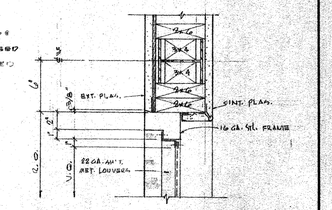
1/4"=1'-0"



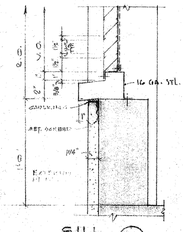
HEAD 1



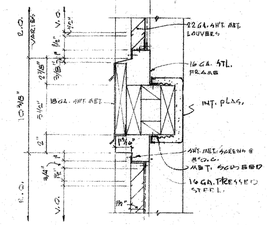
JAMB 2



JAMB 3



SILL 5



TRANSOM BAR 4

METAL LOUVERS

SCALE: 1½"=1'-0"

GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE

APPROVED [illegible] 1959 E. Maag

ENTIRE JOB ELEVS. - MULTI-PURPOSE, MUSIC & CLASSROOM UNIT "T"

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE 1-59

DR. BY J.R.

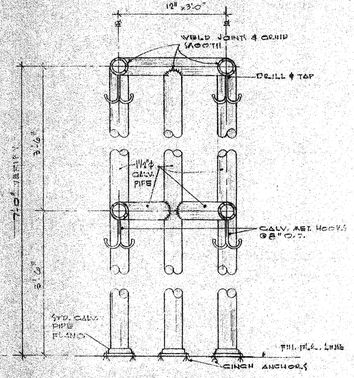
CHECKED BY C.C.S.

JOB NO. 60-71

SHEET NO. A25

OF 248 SHEETS

NOTE: SEE SHEET C-2 FOR LOCATION OF UTILITY BLDG. UNIT "S"

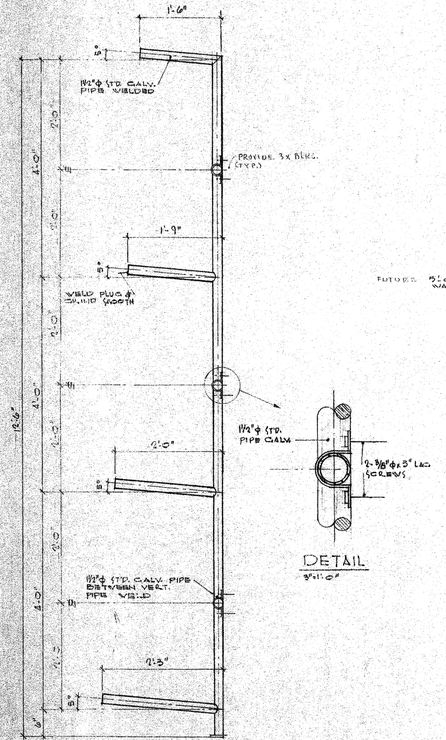


DRYING RACKS (A26 B)

1½"=1'-0"

OCCURS IN QA. D-12

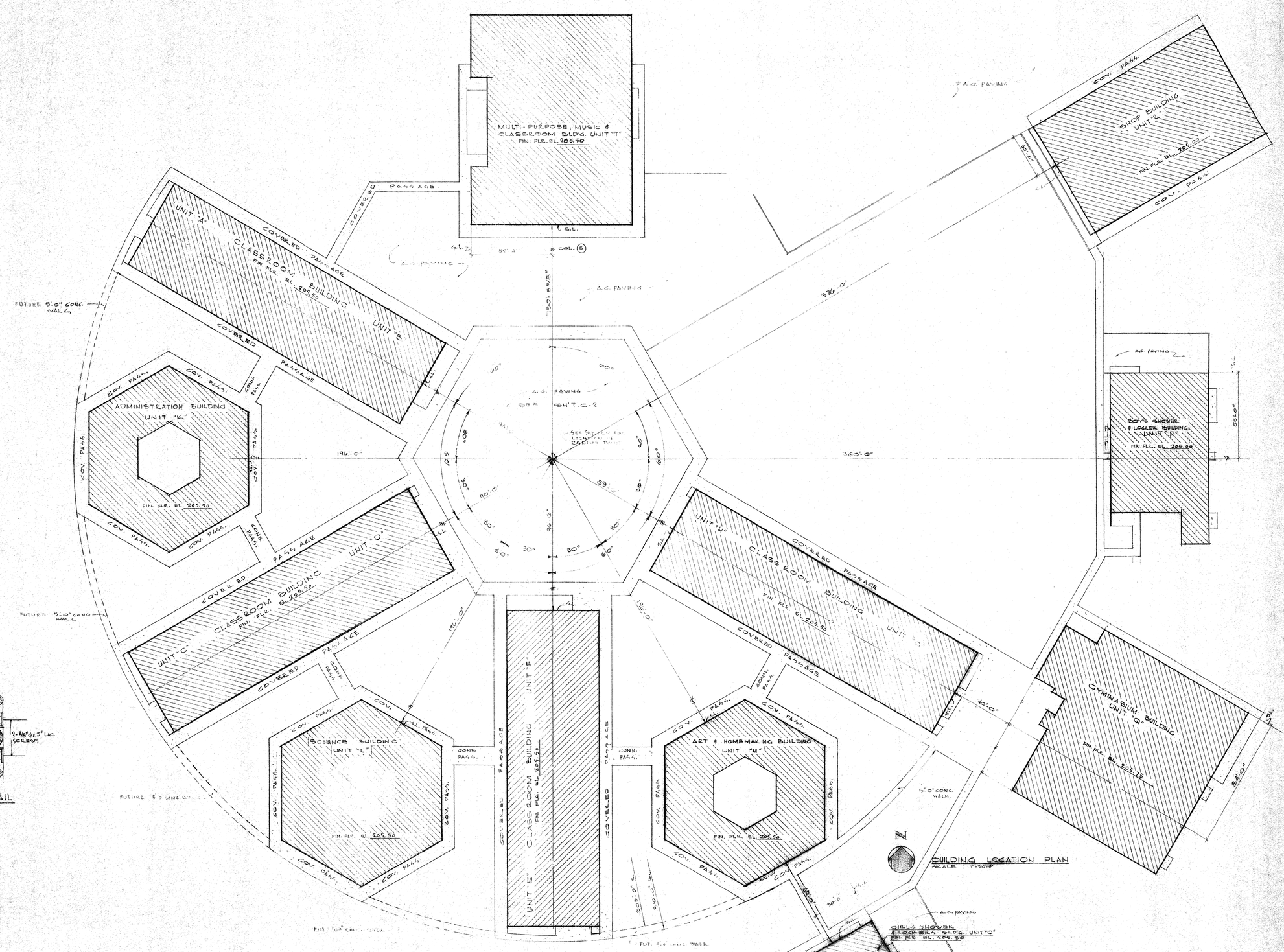
CAL. FLR. PLAN SHT. 2-19



LUMBER RACK (A26 A)

3/4"=1'-0"

OCCURS IN QA. D-12



BUILDING LOCATION PLAN

SCALE: 1"=80'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA – DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

17835 APPROVED JAN 5 1959

By E. Mwaz

PRINCIPAL STRUCTURAL ENGINEER

BUILDING LOCATION PLAN + DETAILS

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE 1-59

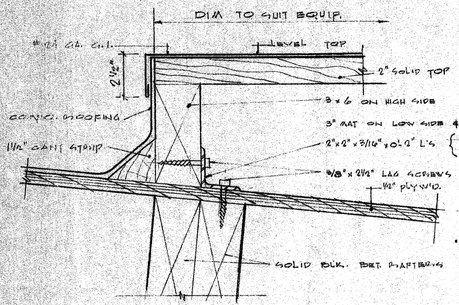
DR. BY J. RAMOS

CHECKED BY C.C.S.

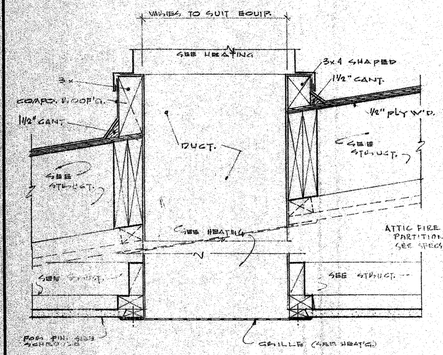
JOB NO. 56-71

SHEET NO. A26

OF 268 SHEETS

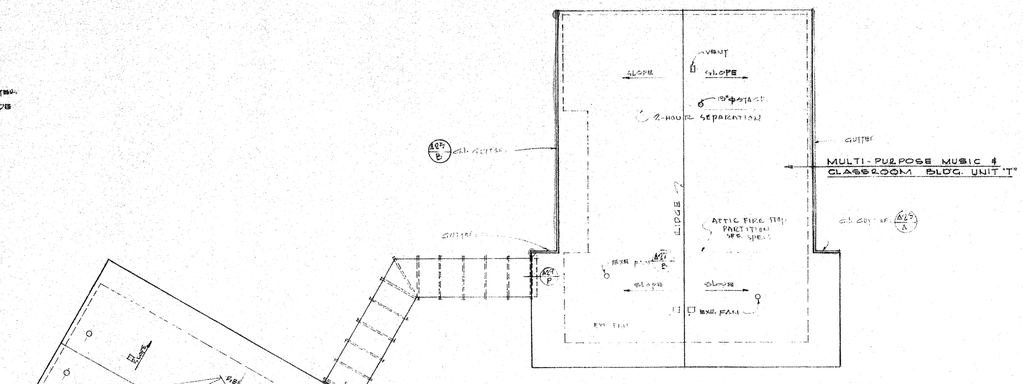


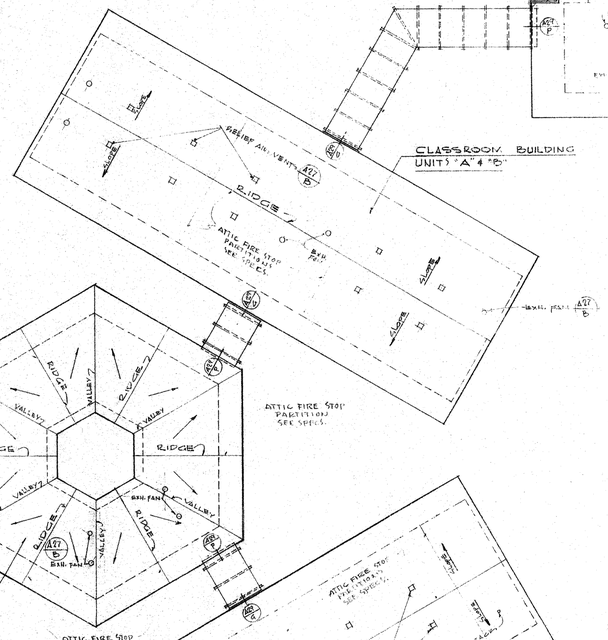
EXHAUST FAN HOUSING BASE — A27/A

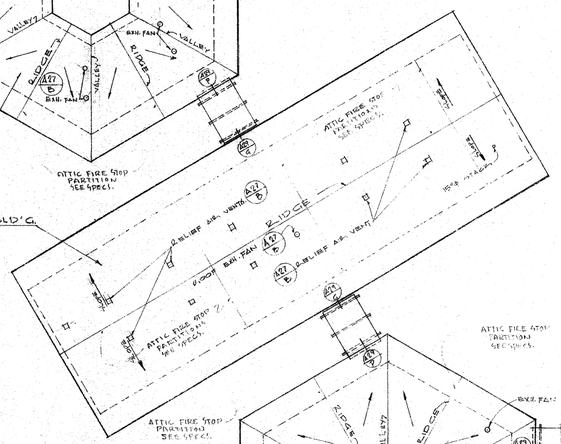


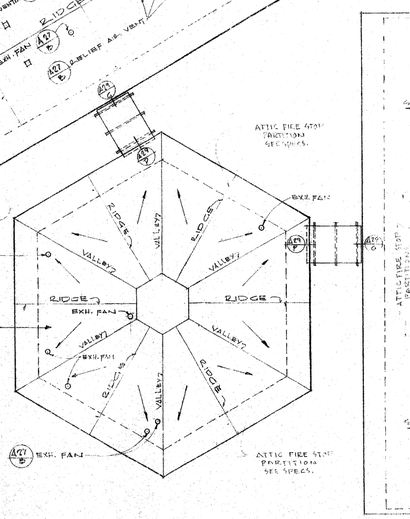
RELIEF AIR VENT & EXHAUST FAN BASE — A27/B

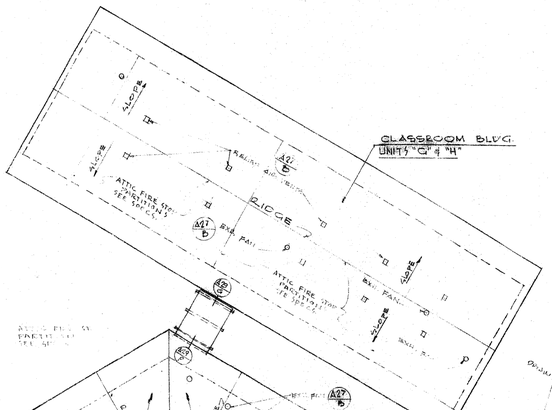
DISCHARGE AIR HOOD BASE — A27/C

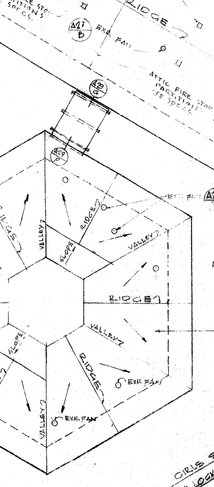


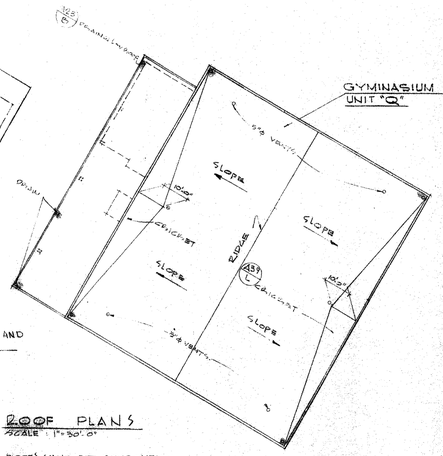


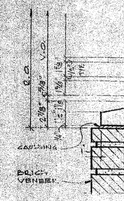




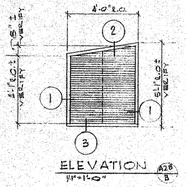




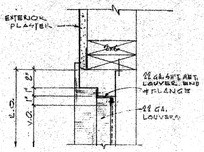

GYMNASIUM BUILDING UNIT "Q"
SLOPE
SLOPE
RIDGE
SLOPE
SLOPE
BRICK ST.
SLOPE
SLOPE
SLOPE



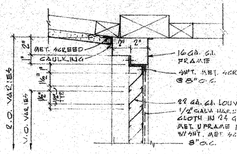
SILL A28/A



ELEVATION A28/B



JAMB 1



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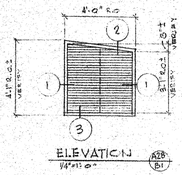
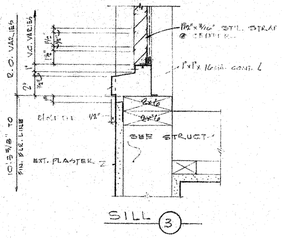


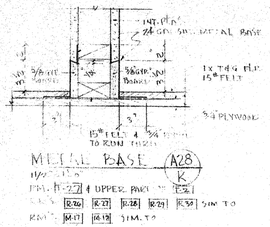
ELEVATION A28/B1



SILL 3

METAL LOUVERS

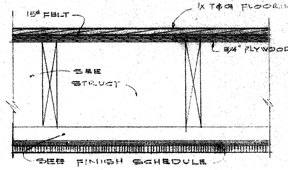
3"=1'-0" A28/B A28/B1



METAL BASE A28/K

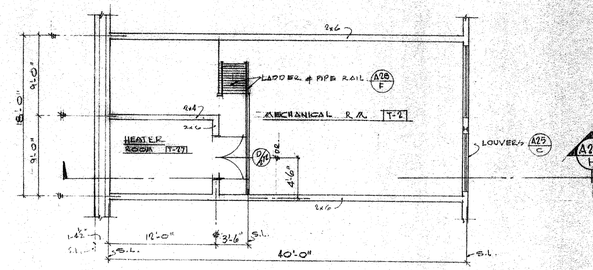
FOR: H-27 & UPPER PART OF H-28

A-1	A-2	A-3	A-4	A-5	SIM. TO
A-6	A-7	A-8	A-9	A-10	SIM. TO

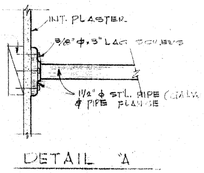


DETAIL A28/G

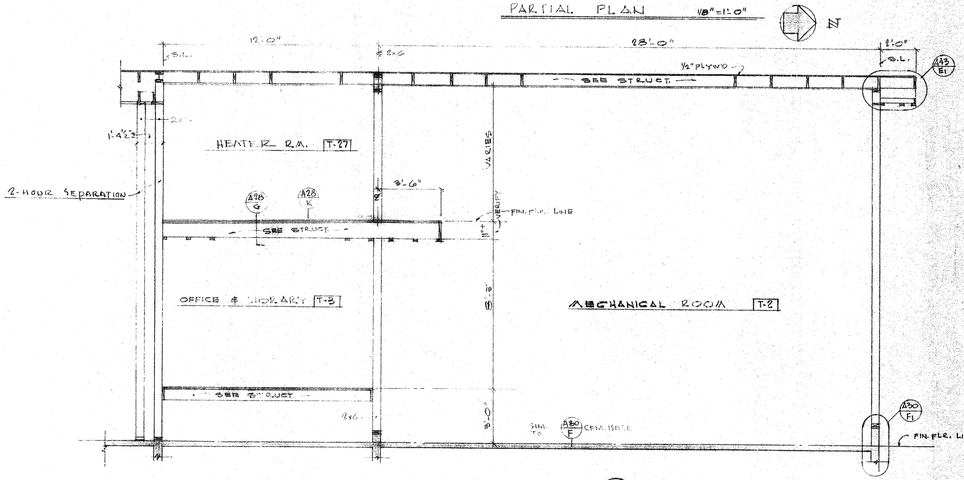
SCALE: 1 1/2"=1'-0"



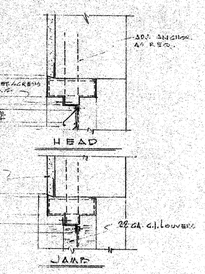
PARTIAL PLAN 1/8"=1'-0"



DETAIL "A"

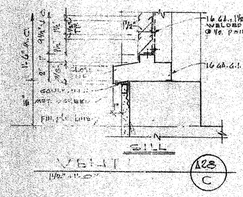


SECTION A28/H

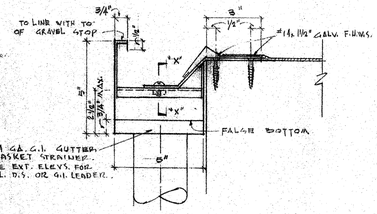


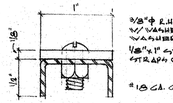
HEAD

JAMB

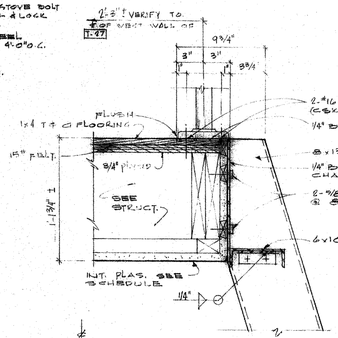


SILL A28/C





SECTION "X-X" FULL SIZE



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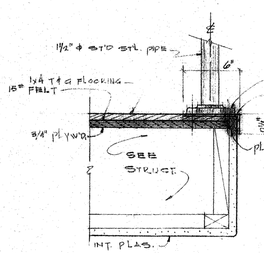

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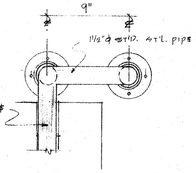
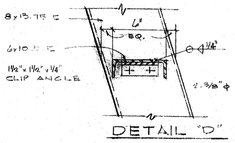


PLAN "F"-"F"



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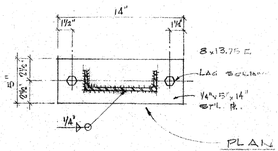
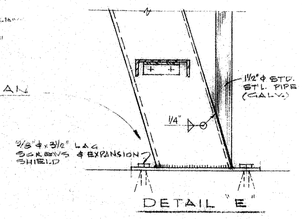
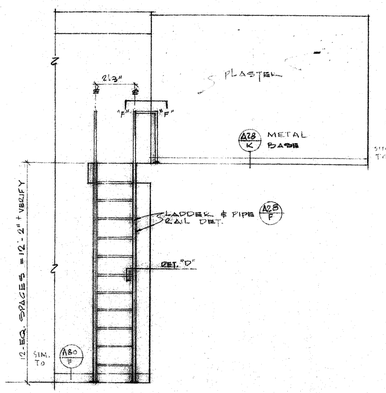




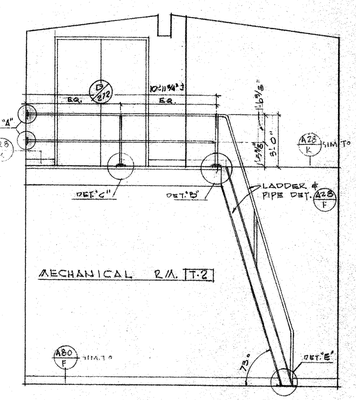
DETAIL "E"

LADDER DETAILS

SCALE: 1 1/2"=1'-0" A28/F



EAST ELEVATION



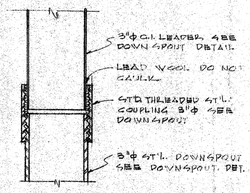
NORTH ELEVATION

INTERIOR ELEVATIONS T-2

1/8"=1'-0"

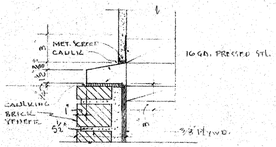


O.A. VENT 1 1/2"=1'-0" A28/J



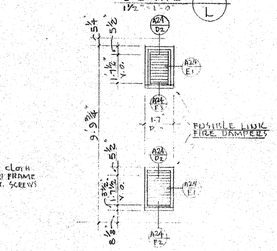
UNION DETAIL A28/E

3"=1'-0"



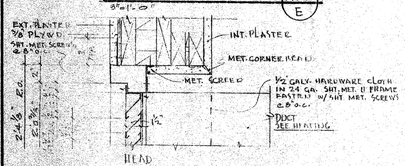
DETAIL A28/L

1 1/2"=1'-0"



C.A. VENTS A24/M

1/4"=1'-0"



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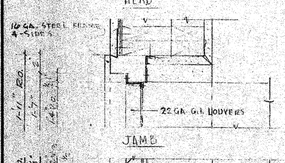
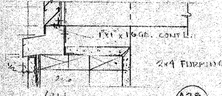




O.A. VENT 1 1/2"=1'-0" A28/J

LOUVER DETAILS

3"=1'-0" A28/D

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	
	CIVIL ENGINEER	

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

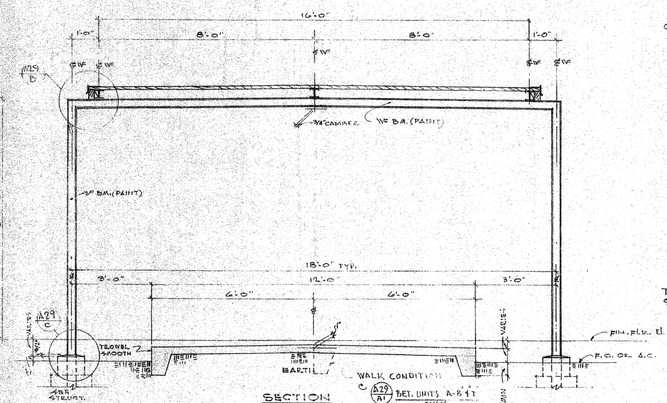
ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED 59
E. Maag
PRINCIPAL ENGINEERING ASSISTANT DIV. OF ARCH.

MISCELLANEOUS EXTERIOR ARCH. DETAILS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE	1-59
DR. BY	
CHECKED BY	C.C.S.
JOB NO.	56-71
SHEET NO.	A28
OF	26 SHEETS

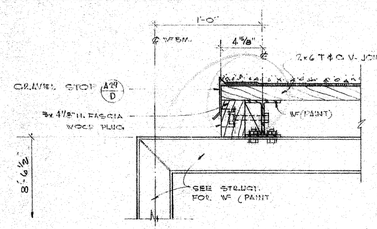


SECTION

CONNECTING PASSAGE A29/A A29/A1

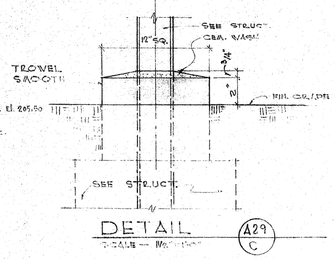
3/8" = 1'-0"

NOTE: SEE SHEET C-2 FOR FG.-F.S OR A.C. ELEVS.



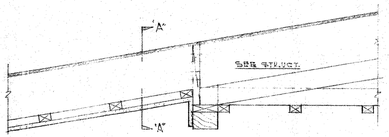
DETAIL A29/P1

SCALE — 1½" = 1'-0"



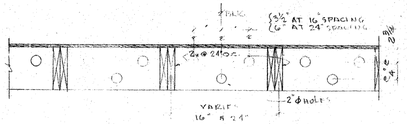
DETAIL A29/C

SCALE — 1½" = 1'-0"



SECTION

SCALE — ¾"=1'-0"



SECTION "A-A"

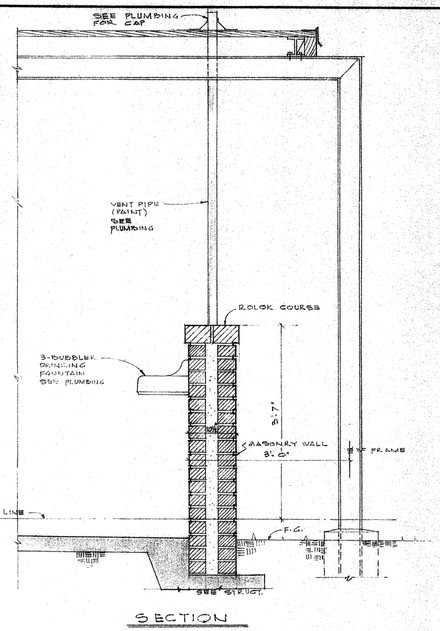
¾"=1'-0"

NOTE: CLOSE OFF 3-2" ø VENT HOLES OCCUDE AT ALL RAFTER SPACES

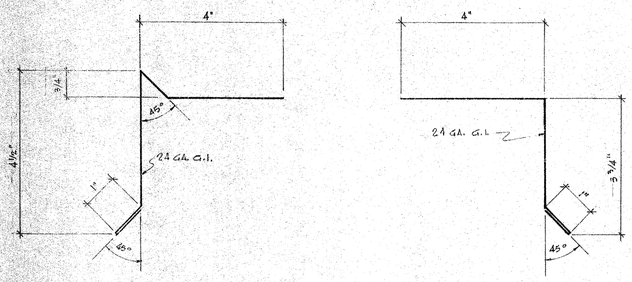
RELIEF AIR VENT DETAILS A29/L

SCALE AS NOTED

TYPICAL FOR UNITS "A-B" "C-D" "E-F" "G-H"



SECTION

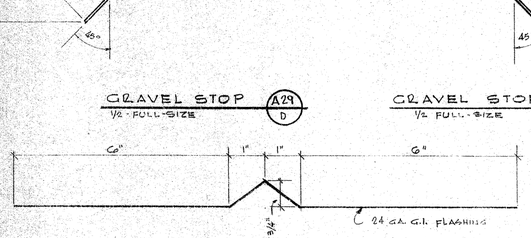


GRAVEL STOP A29/D

½ FULL-SIZE

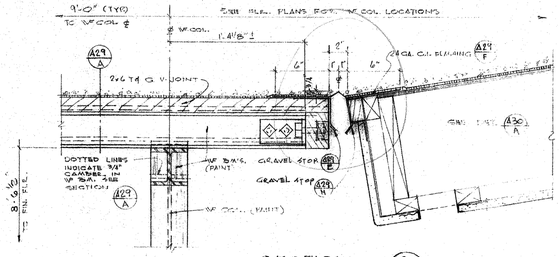
GRAVEL STOP A29/E

½ FULL-SIZE



METAL FLASHING A29/F

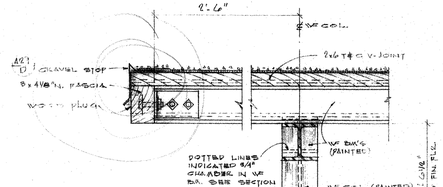
½ FULL-SIZE



SECTION A29/G

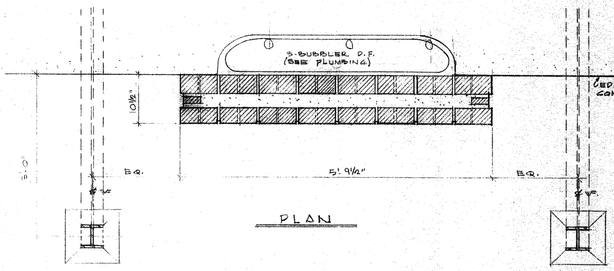
1½"=1'-0"

CONDITION OCCURS @ NORTH & SOUTH SIDES OF UNITS "A"-"B" NORTH & SOUTH SIDES OF UNITS "C"-"D" EAST & WEST SIDE OF UNITS "E"-"F" SOUTH SIDE OF UNITS "G"-"H"



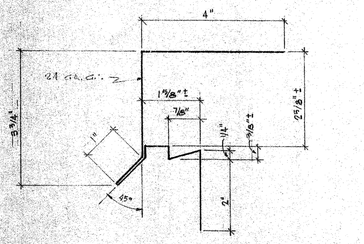
SECTION A29/P

1½"=1'-0"



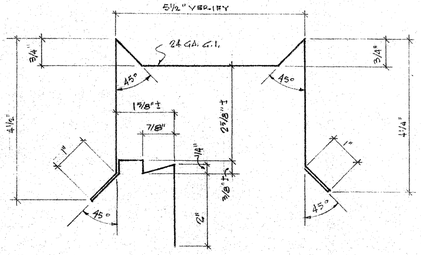
MASONRY WALL AT DRINKING FOUNTAIN A29/M

SCALE : ¾"=1'-0"



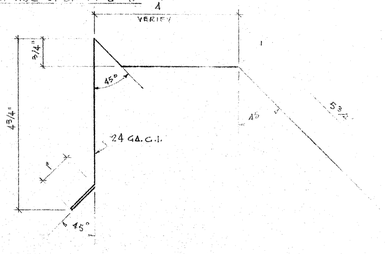
GRAVEL STOP A29/H

½ FULL-SIZE



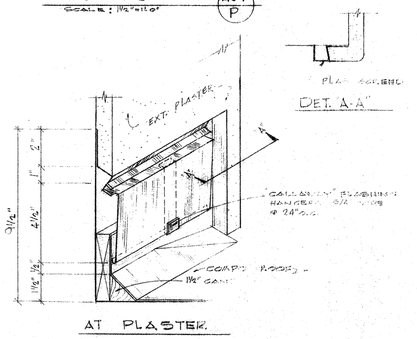
GRAVEL STOP A29/J

½ FULL-SIZE

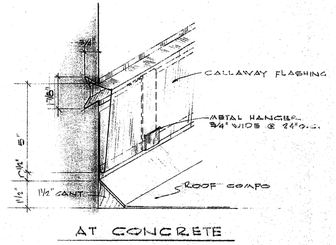


GRAVEL STOP A29/K

½ FULL-SIZE



AT PLASTER.



AT CONCRETE

METAL FLASHING A29/N

SCALE : 3"=1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
	CIVIL ENGINEER	ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

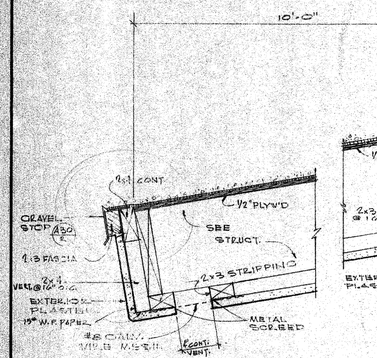
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
APPLICATION NO. 17838 APPROVED JUL 1959 By E. Maag FOR
ORIGINAL SIGNED BY

CONNECTING PASSAGE & MISCELLANEOUS ARCH. DETAILS

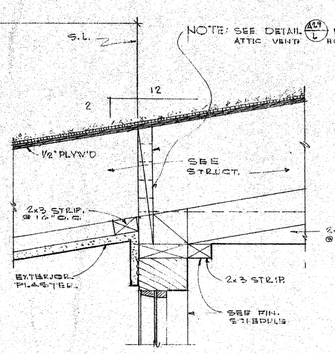
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

DATE 1-59
DR. BY J.R.Mcns
CHECKED BY C.C.S.
JOB NO. 58-71

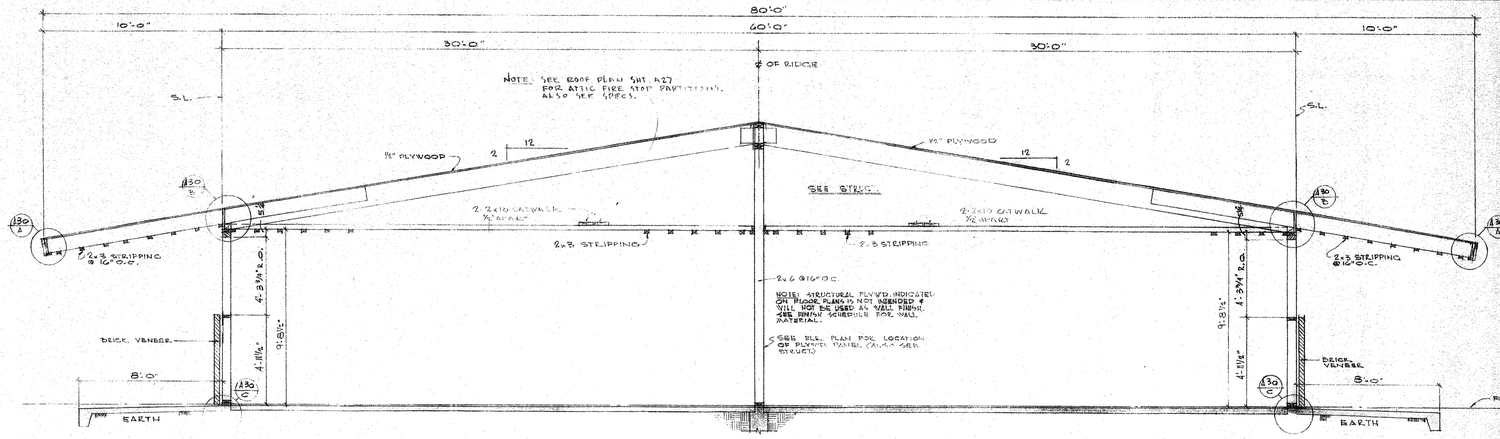
SHEET NO. A29
OF 548 SHEETS

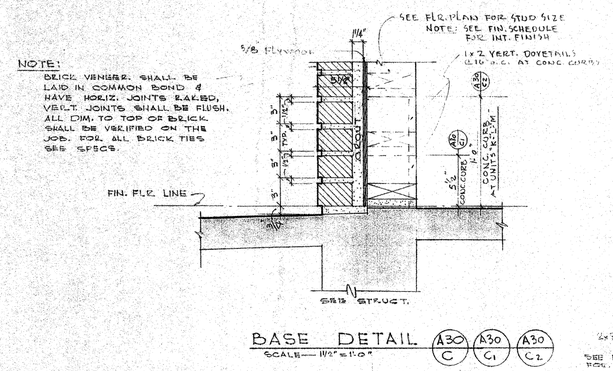


EAVE DET. A30/A
SCALE — 1½"=1'-0"

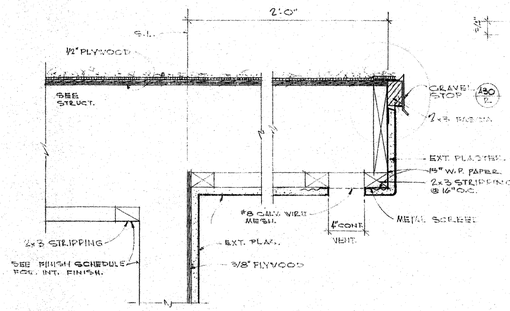


DETAIL A30/B
SCALE — 1½"=1'-0"

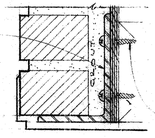




BASE DETAIL A30/C A30/C1 A30/C2
SCALE — 1½"=1'-0"



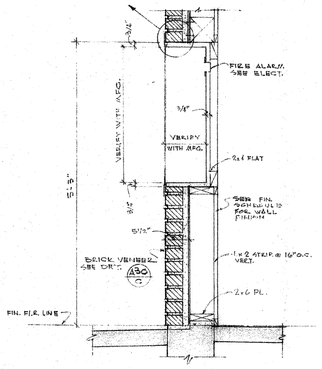
RAKE DETAIL A30/H
SCALE — 1½"=1'-0"



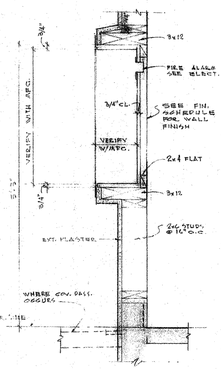
UNITS "A"-"B"-"C"-"D"-"E"-"F"-"G"-"H"

TYPICAL CLASS ROOM SECTION A30/L
SCALE — 1/4" = 1'-0"

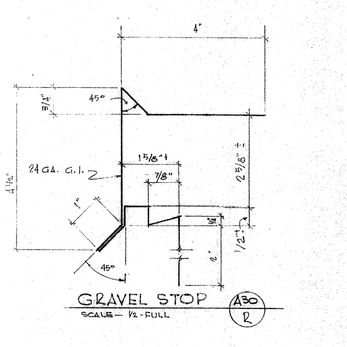
2-6"x4"x5/16" W.S. & STD. CA. OF ANGLE



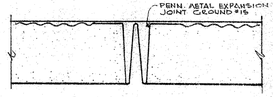
SECTION



SECTION

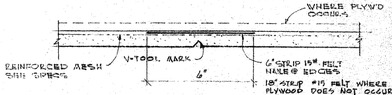


GRAVEL STOP A30/R
SCALE — ½" FULL

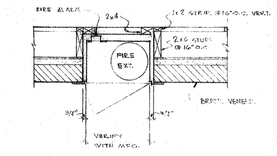


EXPANSION JOINT A30/S
FULL SIZE

NOTE: EXPANSION JOINTS IN RAVEN, GABLES & COVERED PASSAGE SOFFITS @ 10'-0" O.C.

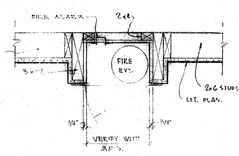


WEAKENED PLANE JOINT A30/T
3"=1'-0"



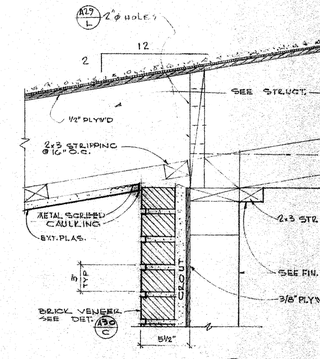
PLAN

FIRE EXTINGUISHER CAB A30/M
3/4"=1'-0"

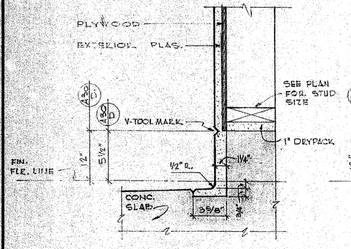


PLAN

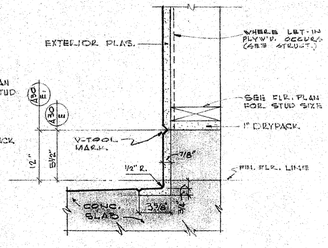
FIRE EXTINGUISHER CAB A30/N A30/N1
3/4"=1'-0"



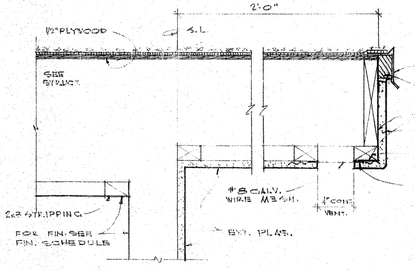
DETAIL A30/U
1½"=1'-0"



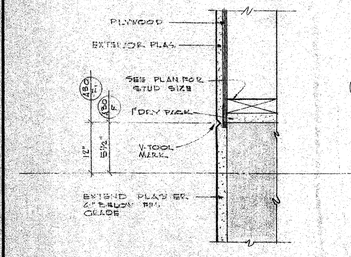
EXT. CEM. BASE A30/D A30/D1
SCALE — 1½"=1'-0"



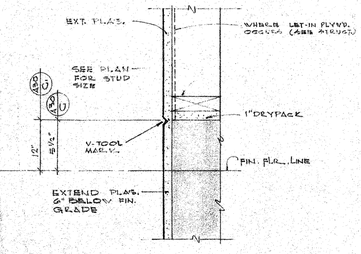
EXT. CEM. BASE A30/E A30/E1
SCALE — 1½"=1'-0"



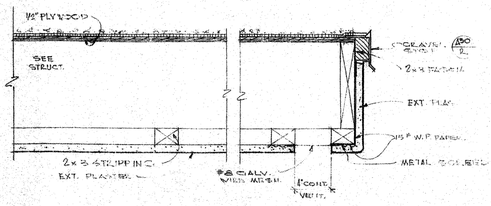
RAKE DETAIL A30/J
SCALE — 1½"=1'-0"



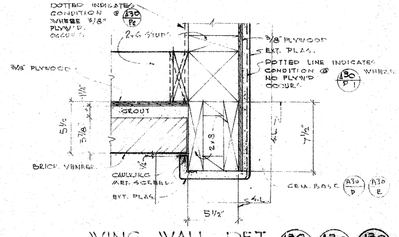
EXT. WALL CURB A30/F A30/F1
SCALE — 1½"=1'-0"



EXT. WALL CURB A30/G A30/G1
SCALE — 1½"=1'-0"



RAKE @ COVERED PASSAGE A30/K



WING WALL DET. A30/P A30/P1 A30/P2
1½"=1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

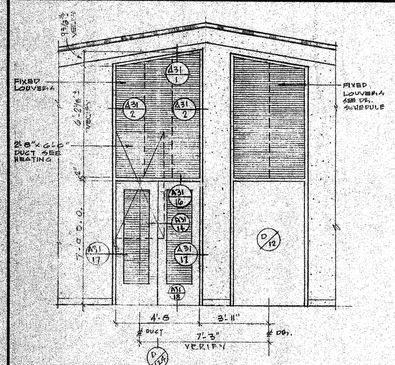
STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
APPROVED JAN 5 1959
By E. Wang

1/4" SECTION & EXTERIOR ARCH. DETAILS - UNITS "A"-"B"-"C"-"D"-"E"-"F"-"G"-"H"

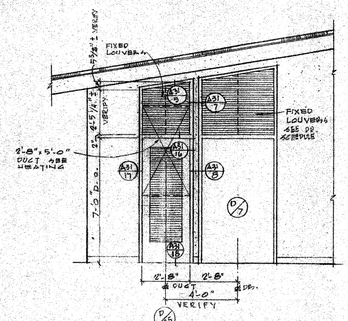
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
CALIFORNIA

DATE 1.59
DR. BY
CHECKED BY C.C.S.
JOB NO. 56-71

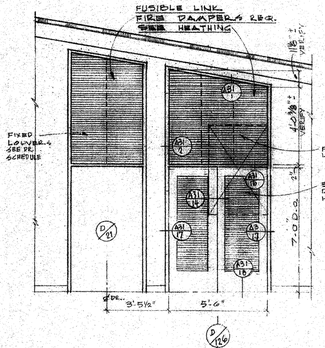
SHEET NO. A30
OF 228 SHEETS



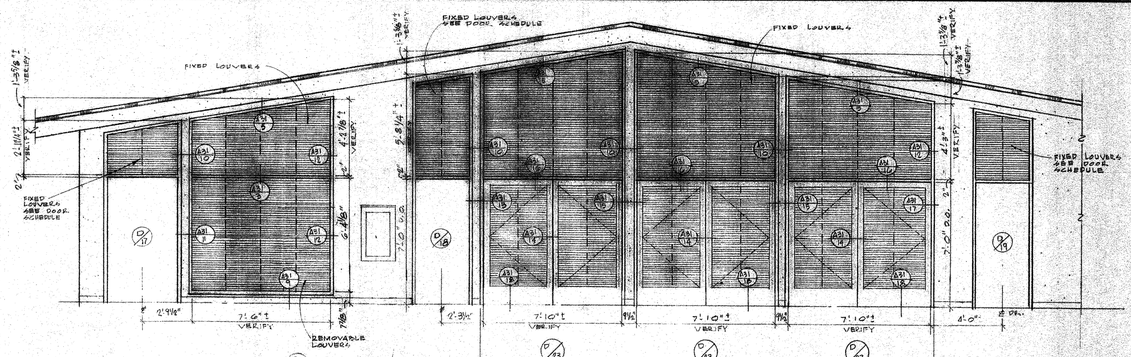
WEST - UNIT "A" A31/A



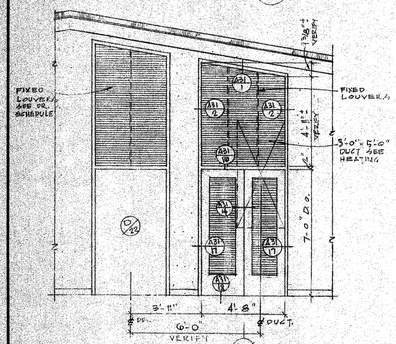
EAST - UNIT "B" A31/B



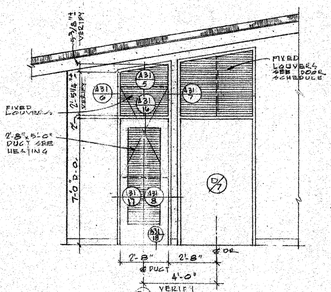
WEST - UNIT "C" A31/C



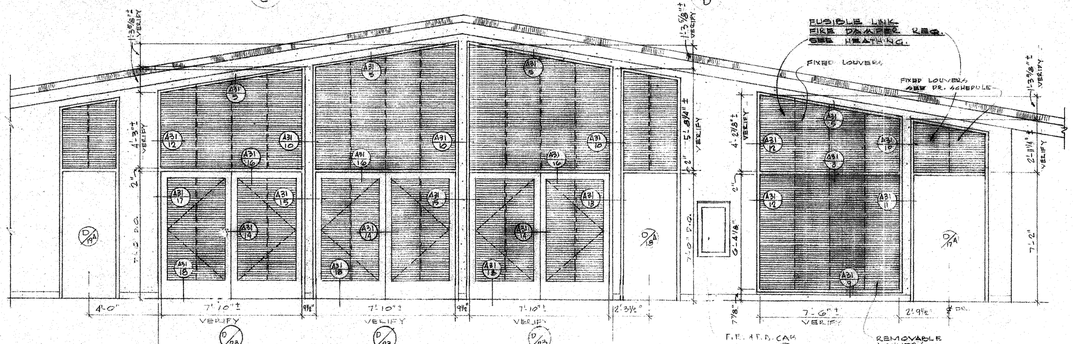
EAST - UNIT "D" A31/D



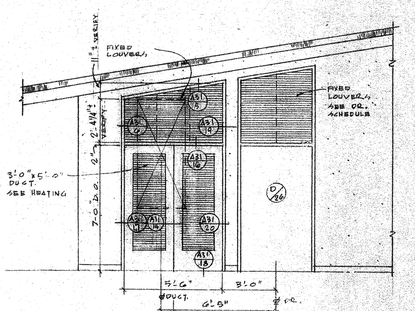
SOUTH - UNIT "E" A31/E



NORTH - UNIT "F" A31/F

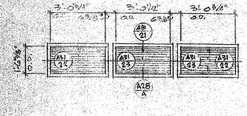


A31/G WEST - UNIT "H"



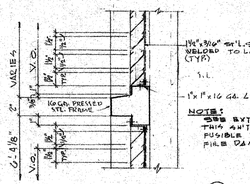
EAST - UNIT "G" A31/H

NOTE: ALL LOUVER AND DOOR FRAMES SHOWN ON THIS SHEET SHALL BE 16GA. PRESSED STEEL; ALL LOUVERS SHALL BE 18 GA. SHEET METAL EXCEPT WHERE NOTED OTHERWISE.

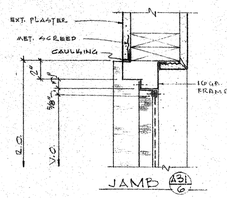


SOUTH - UNIT "D"

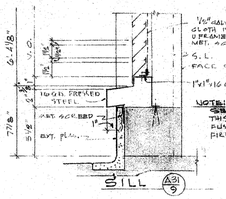
SOUTH - UNIT "H" A31/J



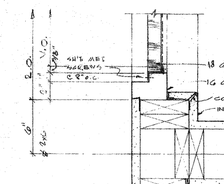
TRANSOM BAR. A31/3



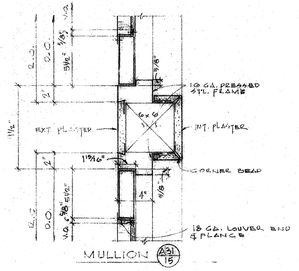
JAMB A31/6



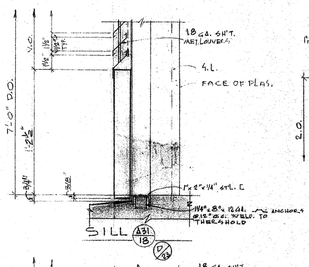
A31/9



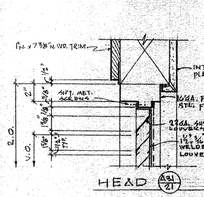
A31/12



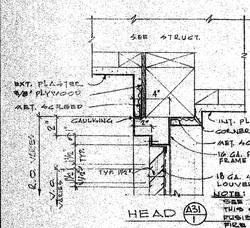
A31/15



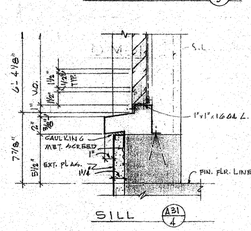
A31/18 D/18



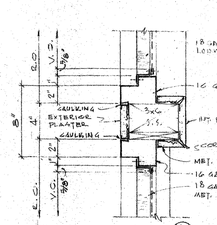
A31/21



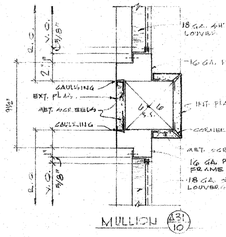
HEAD A31/1



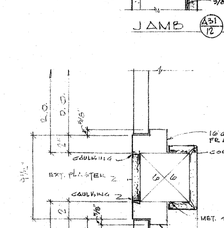
A31/4



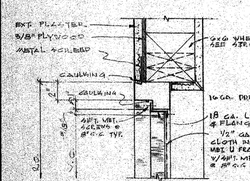
A31/7



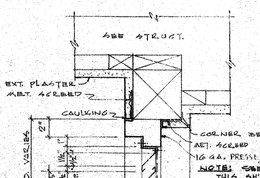
A31/10



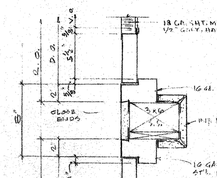
A31/13



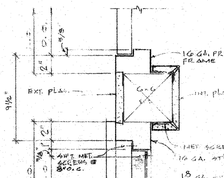
A31/8



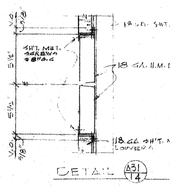
A31/5



A31/8

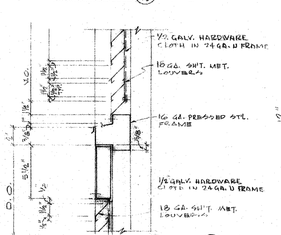


A31/11

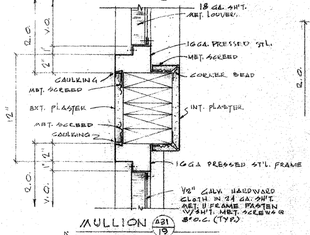


A31/14

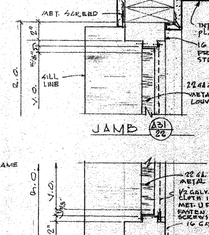
A31/17



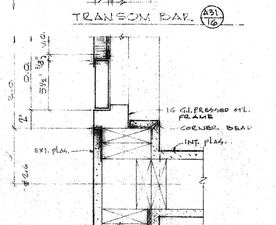
A31/16



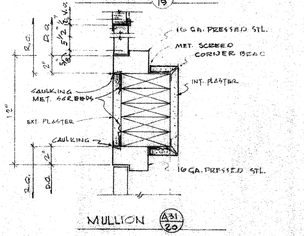
A31/19



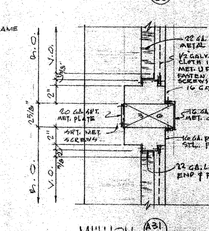
A31/22



A31/17



A31/20



A31/24

SCALE: 1½"=1'-0" UNLESS OTHERWISE NOTED

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

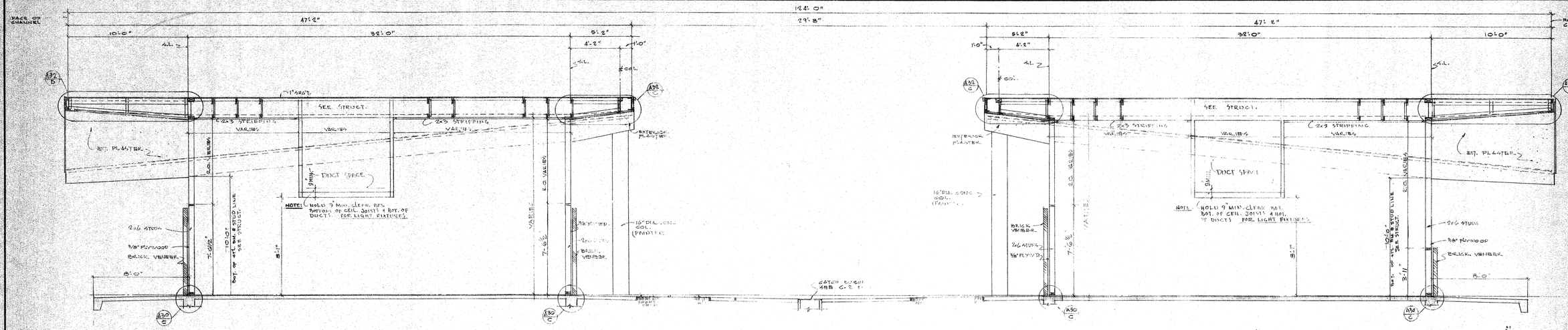
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTS
17 B1 APPROVED [illegible] 19
APPLICATION E. Maag
BY [illegible]

LOUVER DETAILS UNITS "A" "B" "C" "D" "E" "F" "G" & "H"

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY J.K.
CHECKED BY C.C.S.
JOB NO. 56-71

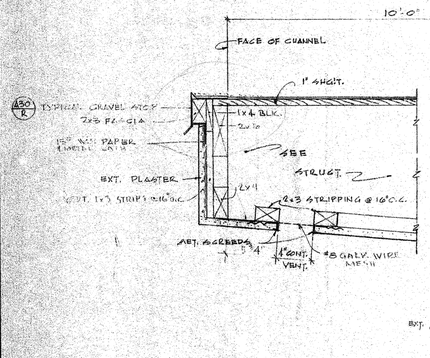
SHEET NO. A 31
OF 248 SHEETS



SECTION

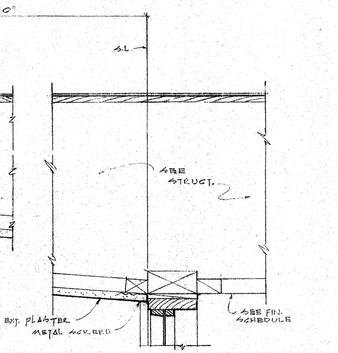
1/2"=1'-0"

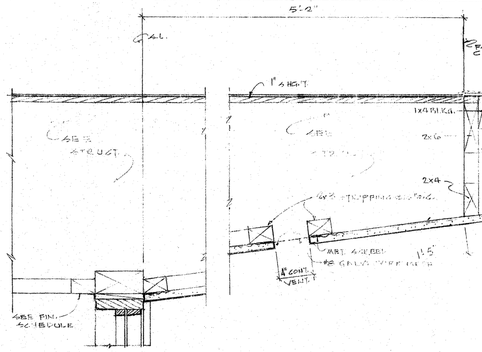
ADMINISTRATION BUILDING UNIT "K" A32/A



EAVE DETAIL A32/B

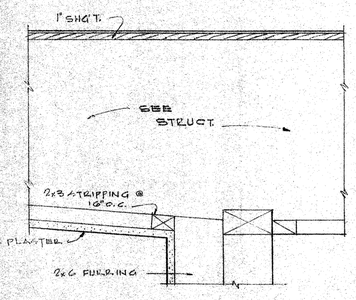
1 1/2"=1'-0"





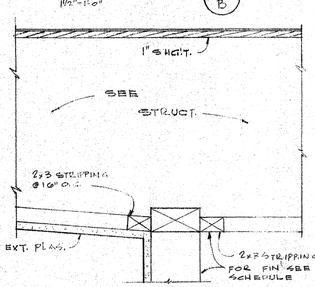
EAVE DETAIL A32/C

1 1/2"=1'-0"



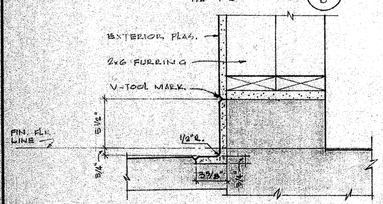
EAVE A32/D

1 1/2"=1'-0"



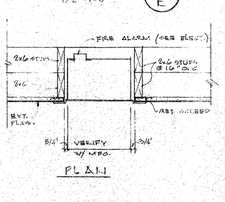
EAVE A32/E

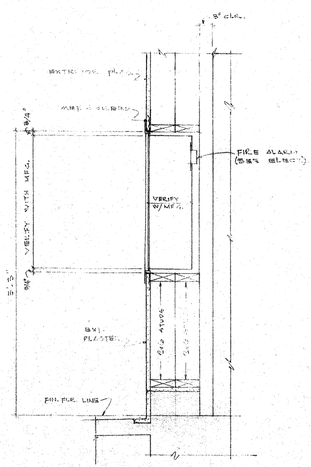
1 1/2"=1'-0"



EXTERIOR BASE A32/F

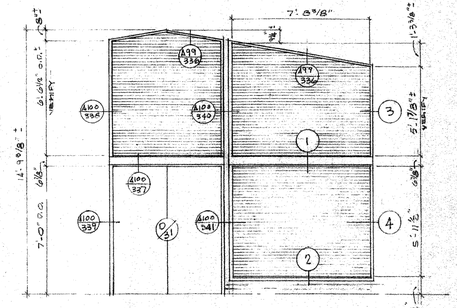
1 1/2"=1'-0"





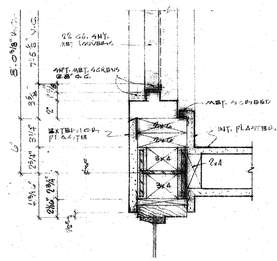
FIRE EXTINGUISHER & ALARM CABINET A32/G

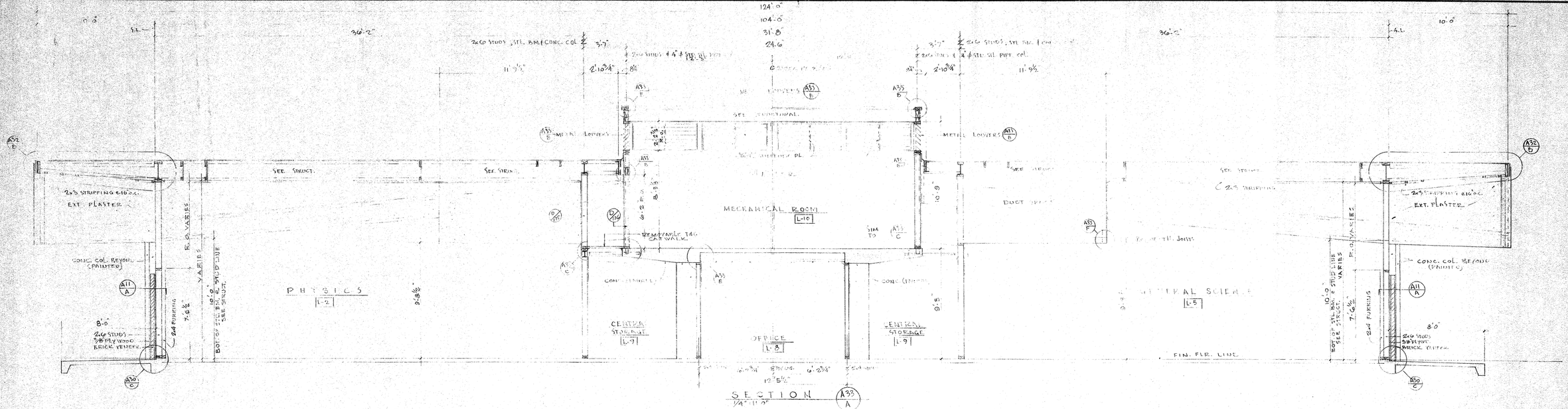
3/4"=1'-0"

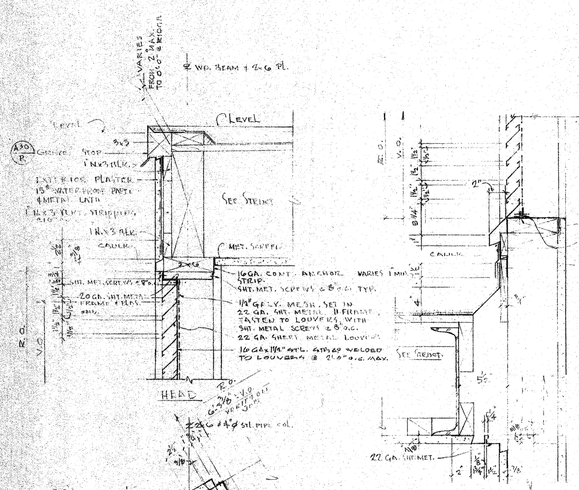


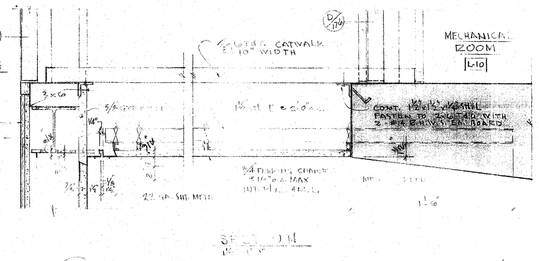
SOUTH-WEST - UNIT "K"

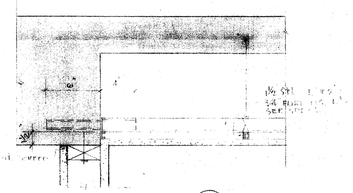
1/4"=1'-0"

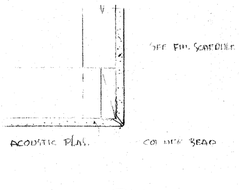

9" CLG.
9" CLG. VARIES
9" CLG. VARIES
9" CLG. VARIES

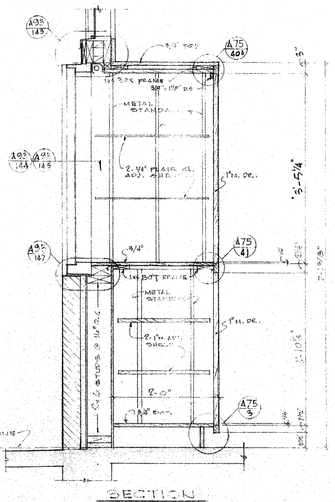


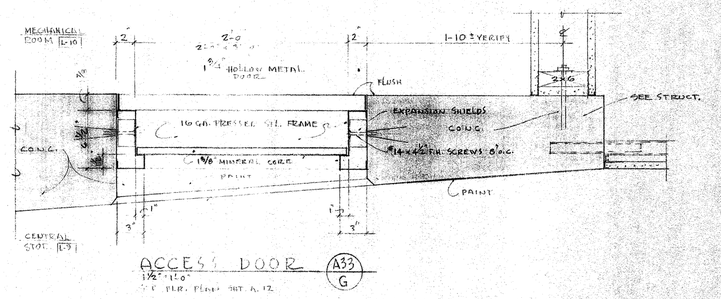












CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

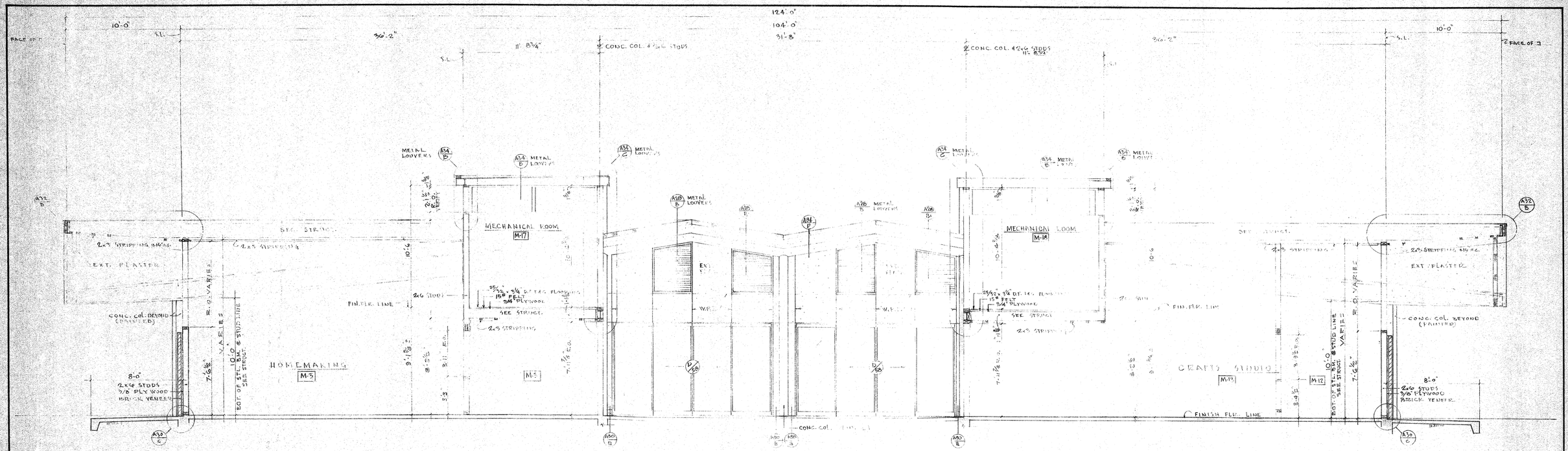
ARCHITECT	MECHANICAL ENGINEER	**KISTNER, WRIGHT & WRIGHT**
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
	CIVIL ENGINEER	ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED [illegible] 1959
E. Maag
CHIEF DEPUTY ARCHITECT

SECTIONS & DETAILS - SCIENCE UNIT "L"

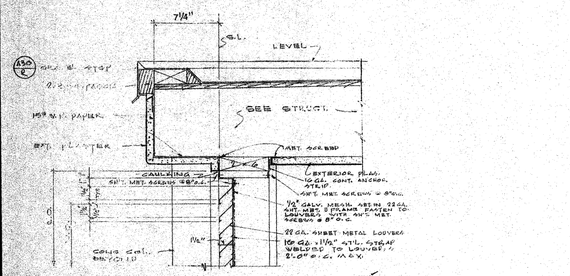
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE	1-59
DR. BY	
CHECKED BY	C.C.S.
JOB NO.	58-71
SHEET NO.	A 33
	OF 218 SHEETS

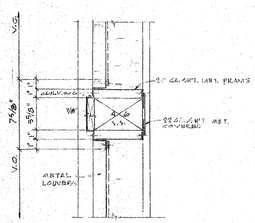


SECTION (A34/A) 1/4"=1'-0"

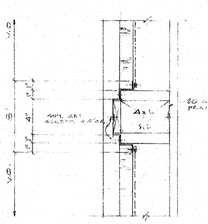
HOMEMAKING - ARTS - CRAFTS - & PHOTOGRAPHY BUILDING UNIT "M"



HEAD (1)



MULLION (3)



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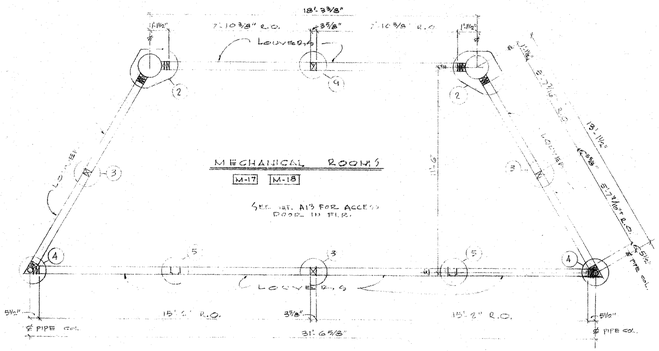
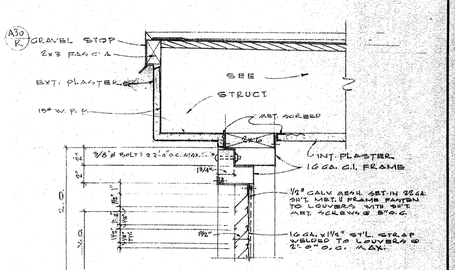
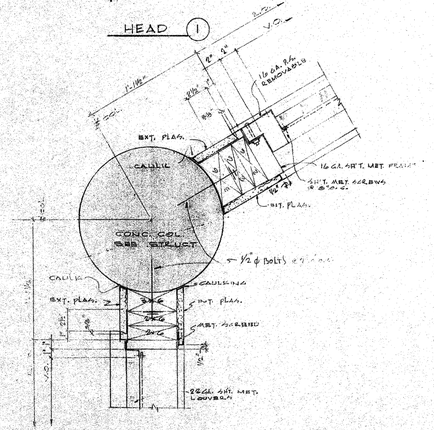


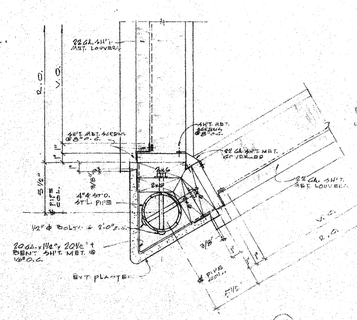
¼" PLAN



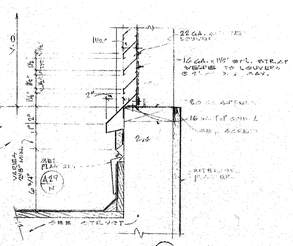
HEAD (7)



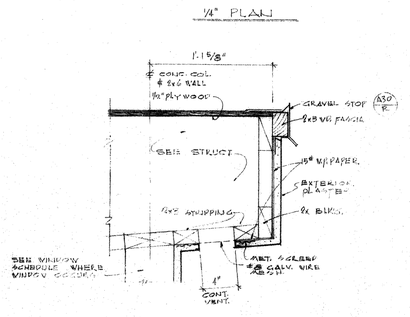
JAMB (2)



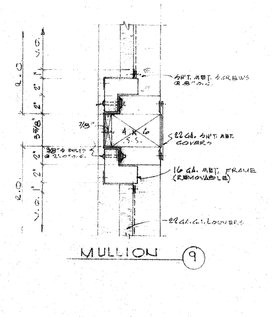
CORNER MULLION (4)



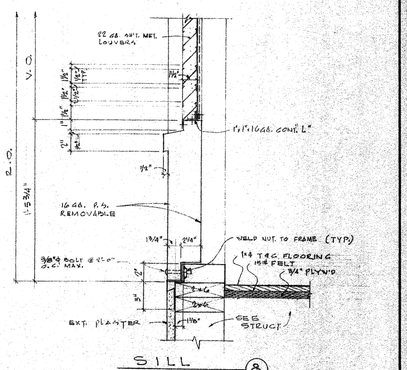
SILL (6)



EAVE (A34/D) 1½"=1'-0"



MULLION (9)



SILL (8)

METAL LOUVERS 1½"=1'-0" (A34/B) — METAL LOUVERS (A34/C)

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

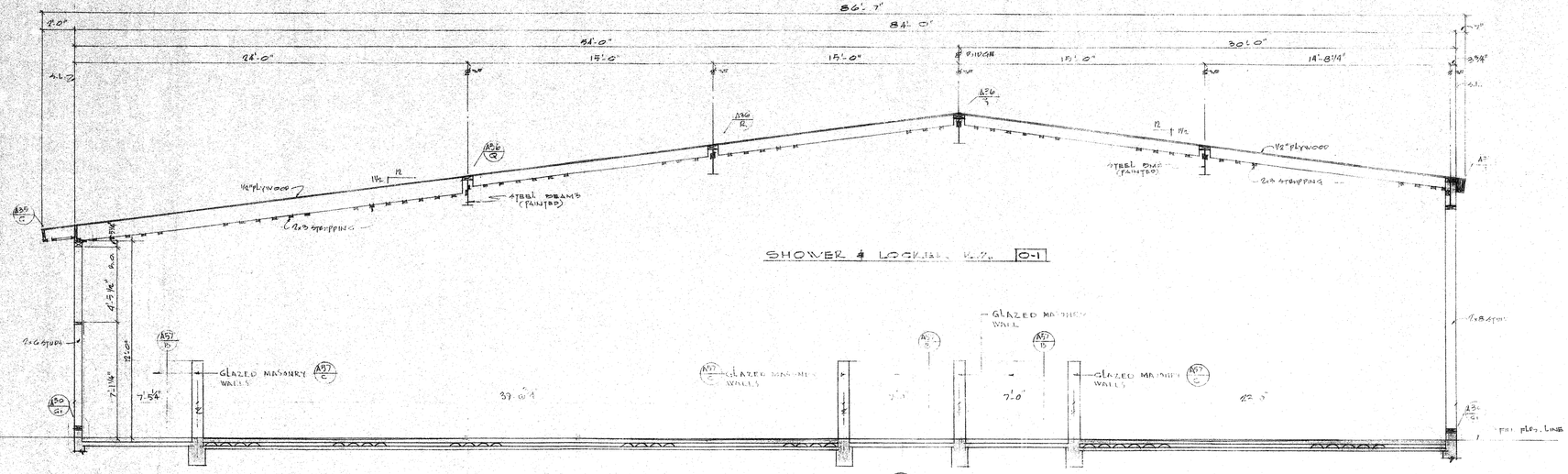
ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
APPROVED [illegible] 1959
E. Wang

SECTION & EXTERIOR ARCH. DETAILS - UNIT "M"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

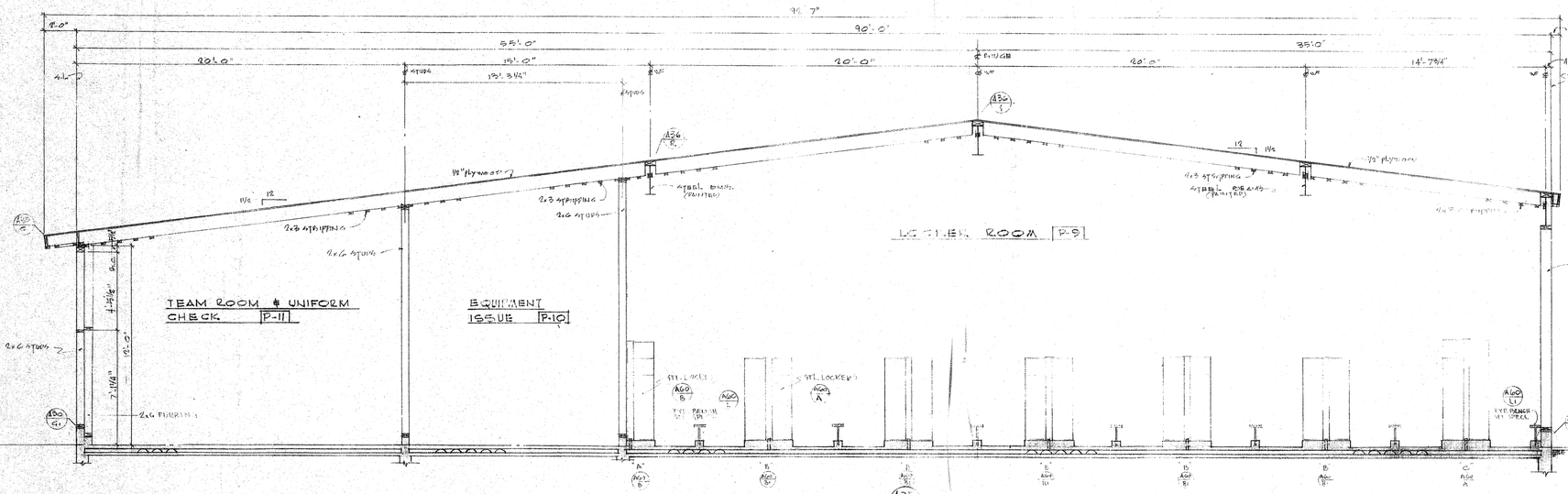
DATE 1-59
DR. BY J.R.
CHECKED BY C.C.S.
JOB NO. 56-71
SHEET NO. A34
OF 248 SHEETS



SHOWER & LOCKER BLDG. [O-1]

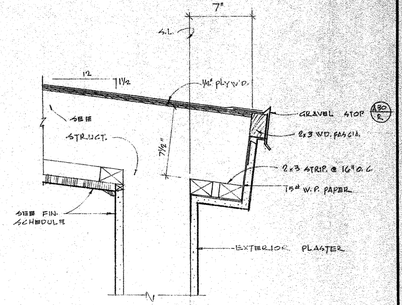
SECTION A35/A 1/4"=1'-0"

GIRLS SHOWER & LOCKER BLDG. UNIT "O"

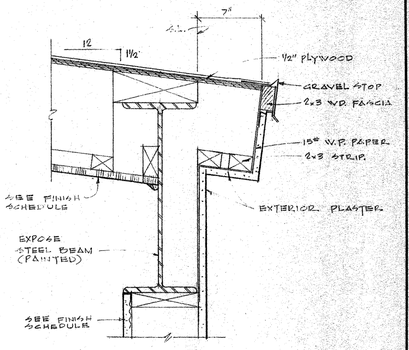


SECTION A35/B 1/4"=1'-0"

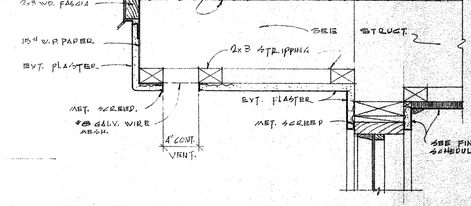
BOYS SHOWER & LOCKER BLDG. UNIT "P"



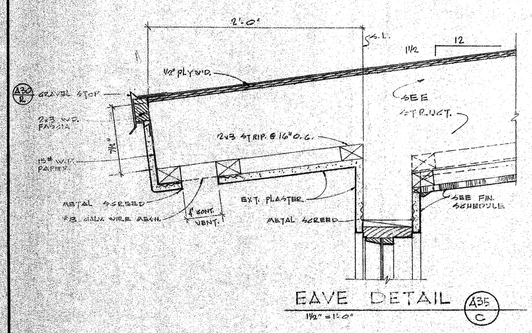
EAVE DETAIL A35/J 1 1/2"=1'-0"



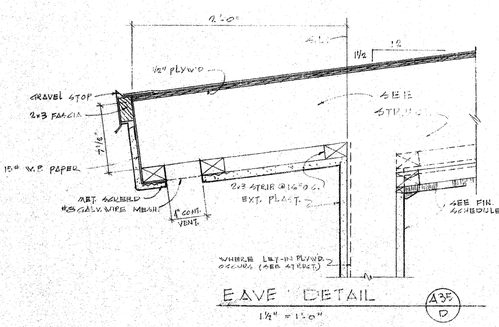
EAVE DETAIL A35/H 1 1/2"=1'-0"



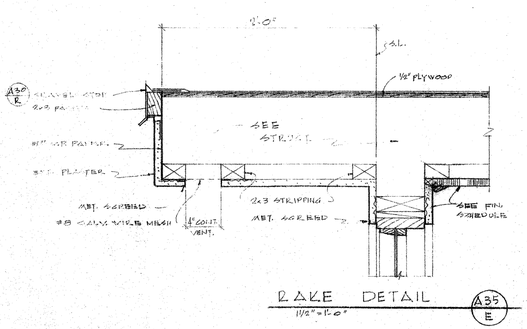
RAKE DET. A35/G 1 1/2" = 1'-0"



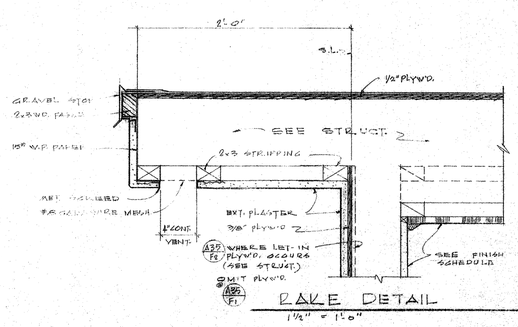
EAVE DETAIL A35/C 1 1/2"=1'-0"



EAVE DETAIL A35/D 1 1/2" = 1'-0"



RAKE DETAIL A35/E 1 1/2"=1'-0"



RAKE DETAIL A35/F, A35/F2 1 1/2" = 1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

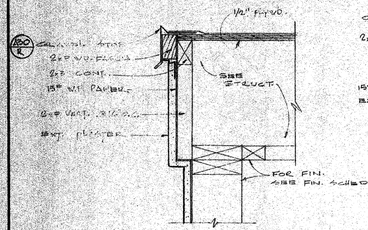
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED 1959
By E. Mang

1/2" SECTION & ARCHITECTURAL DETAILS SHOWER & LOCKER BLD'G. UNITS "O" & "P"

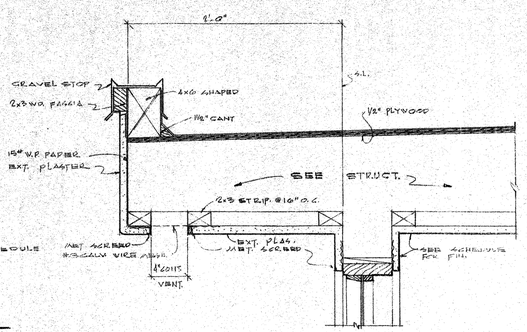
LA MIRADA HIGH SCHOOL
ELEMENTARY UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY Jim Ramos
CHECKED BY C.C.S.
JOB NO. 56-71

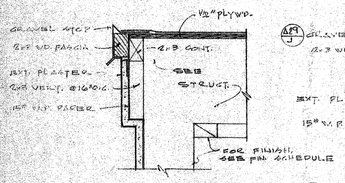
SHEET NO. A35
OF 215 SHEETS



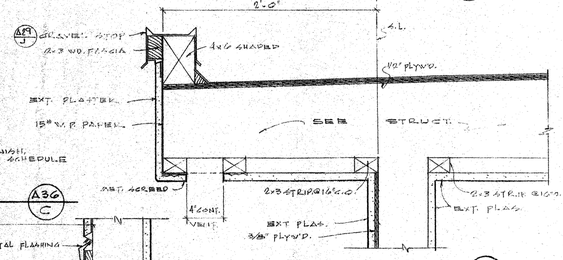
RAKE 1½"=1'-0" A36 A



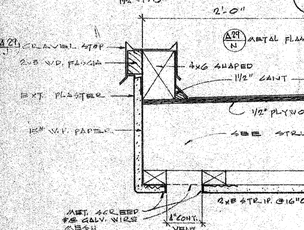
EAVE 1½"=1'-0" A36 B

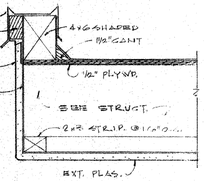


RAKE 1½"=1'-0" A36 C

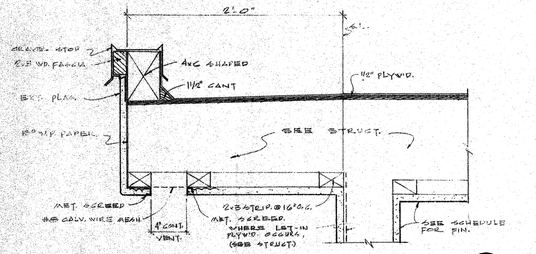


EAVE 1½"=1'-0" A36 D

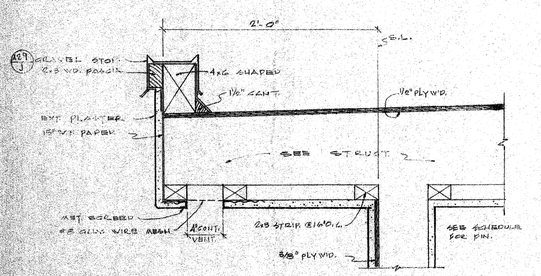




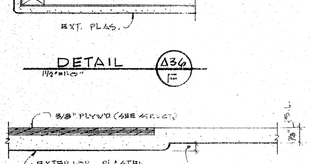
EAVE 1½"=1'-0" A36 E



EAVE 1½"=1'-0" A36 G

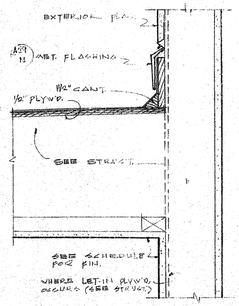


EAVE 1½"=1'-0" A36 J

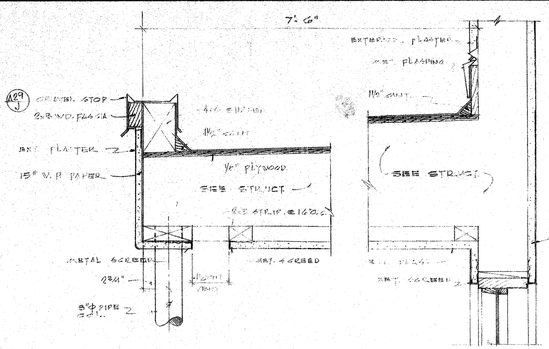


DETAIL 1½"=1'-0" A36 F

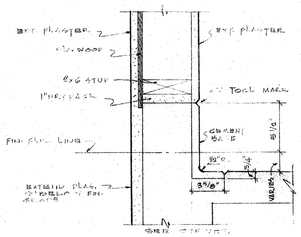
DETAIL 1½"=1'-0" A36 H



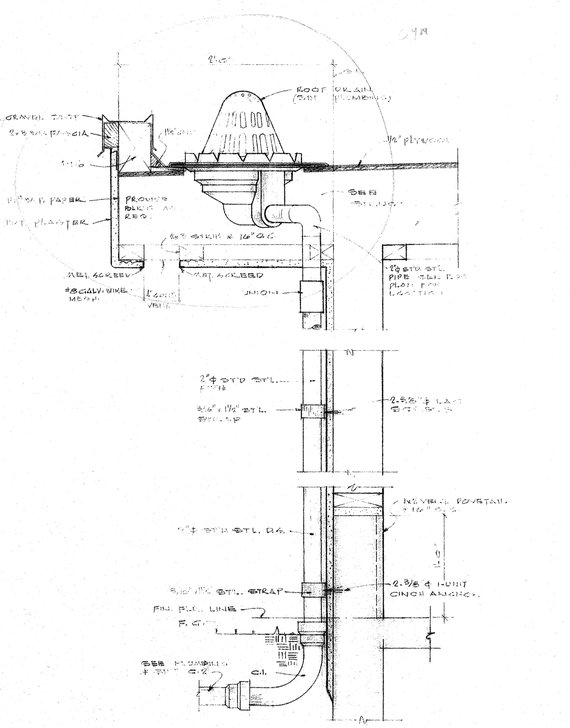
DETAIL 1½"=1'-0" A36 K



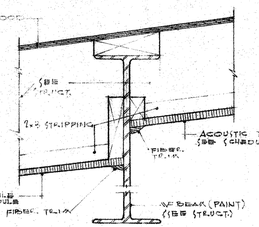
EAVE 1½"=1'-0" A36 L



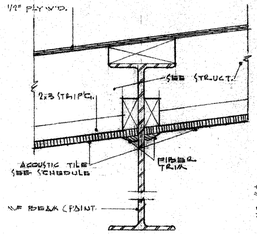
DETAIL 1½"=1'-0" A36 M



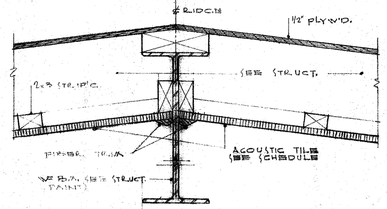
ROOF DRAIN & DOWN SPOUT DETAIL SCALE: 1½"=1'-0" A36 N



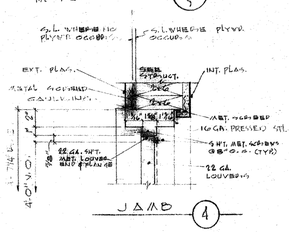
DETAIL 1½"=1'-0" A36 Q



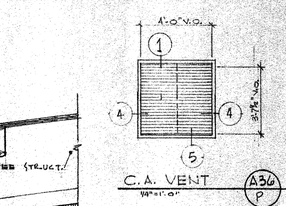
DETAIL 1½"=1'-0" A36 R

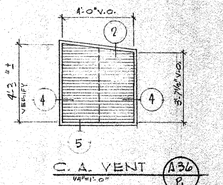


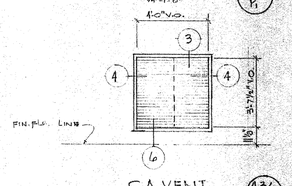
DETAIL 1½"=1'-0" A36 S

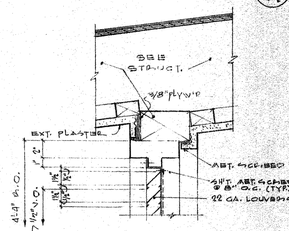


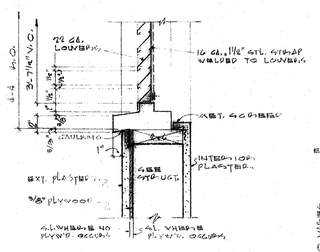
JAMB 4

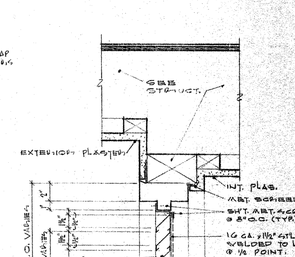


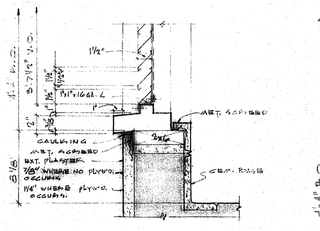


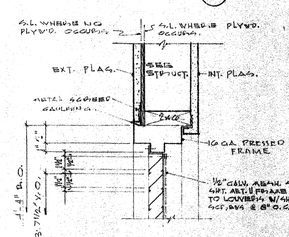












LOUVER DETAILS A36 P, A36 P1, A36 P2

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

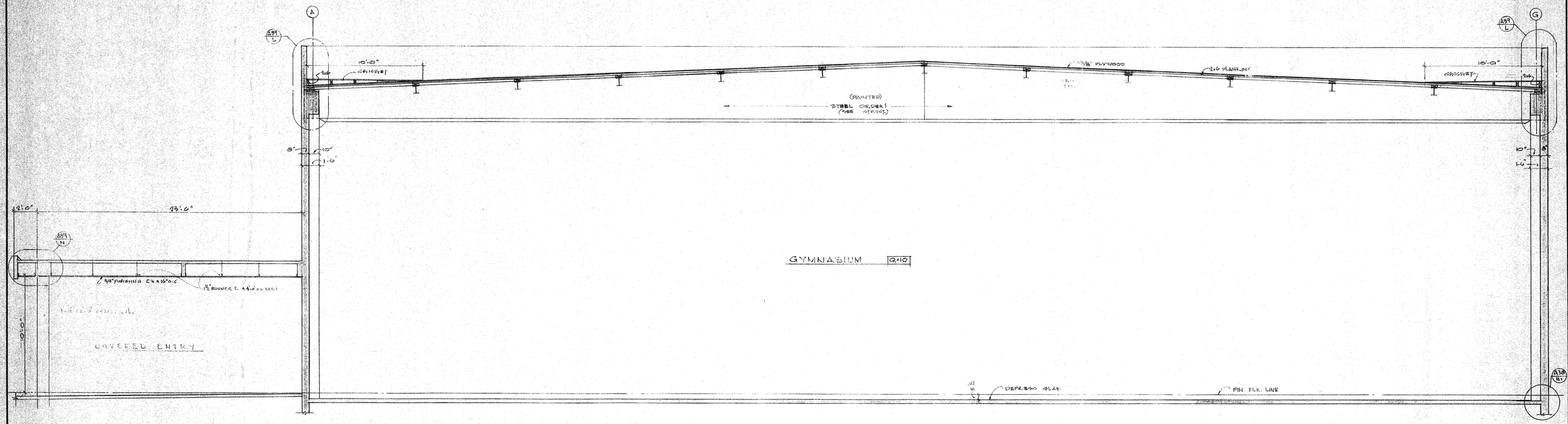
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED [illegible] 1969
By E. Maag DSA

EXTERIOR ARCH. DETAILS UNITS "O" & "P"

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-69
DR. BY J.K.
CHECKED BY C.C.S.
JOB NO. 66-71

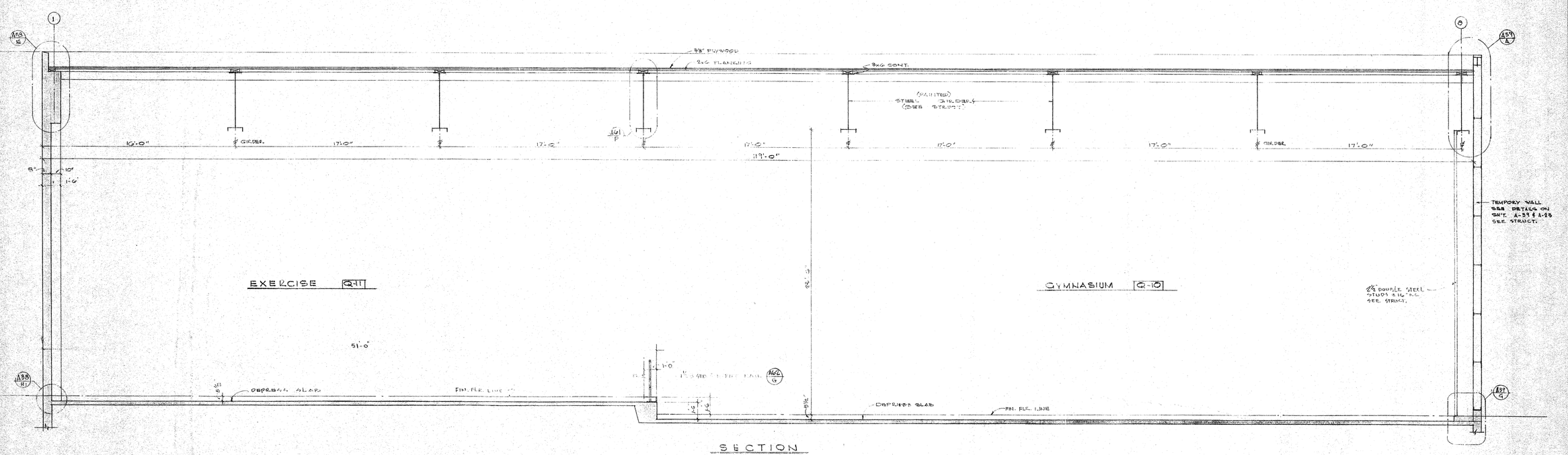
SHEET NO. A36
OF 248 SHEETS



SECTION

GYMNASIUM BLD'G. UNIT 'Q' (A37/A)

SCALE: 1/4" = 1'-0"



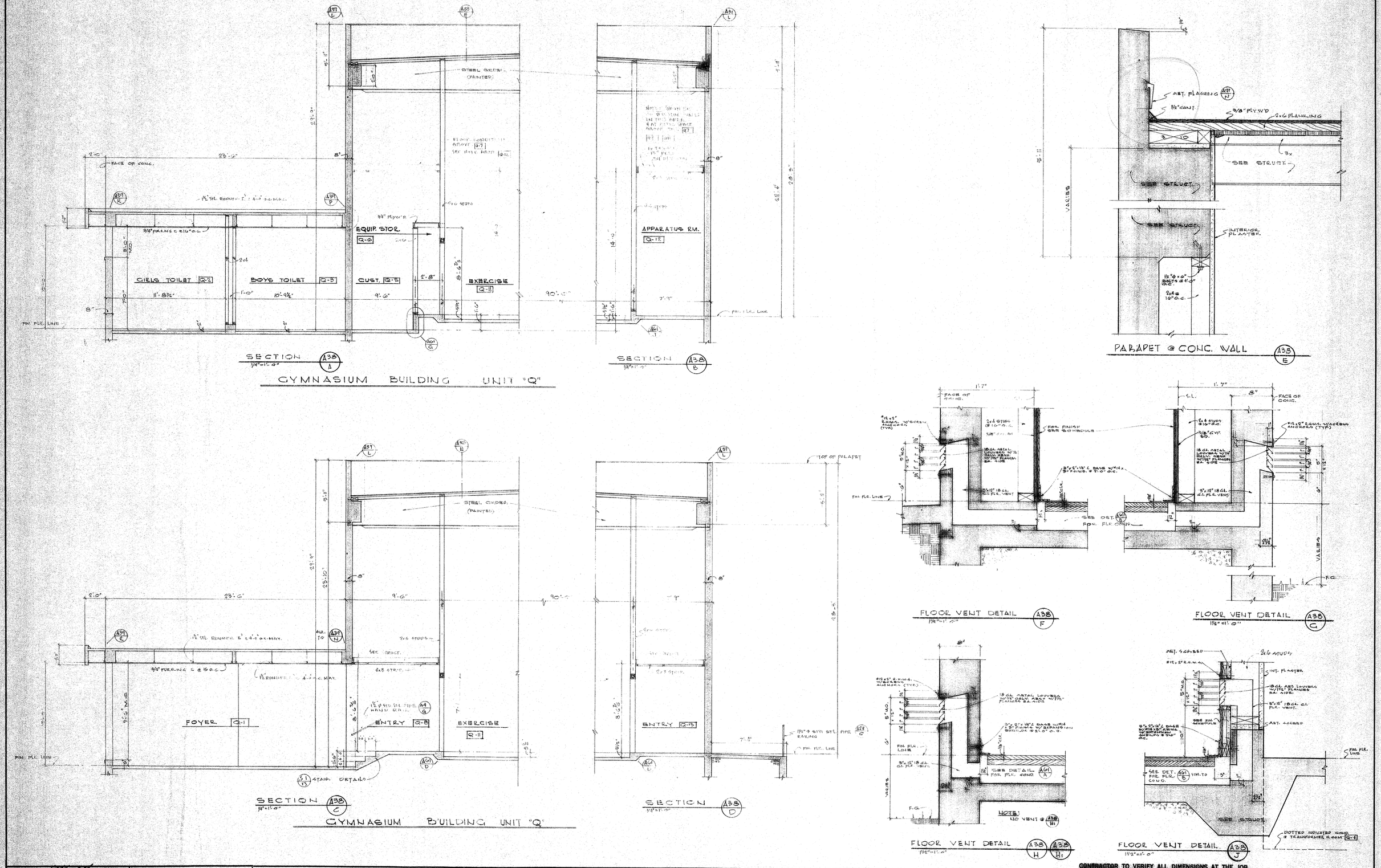
SECTION

GYMNASIUM BUILDING UNIT 'Q' (A37/B)

1/4" = 1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE APPROVED JAN 1959	1/4" SECTIONS — GYMNASIUM BLD'G. UNIT "Q" LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	DATE 1-59 DR. BY J.R. CHECKED BY C.C.S. JOB NO. 56-71
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER				SHEET NO. A37 OF 748 SHEETS
	CIVIL ENGINEER				



CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE APPROVED JAN 1959	1/4" SECTIONS & DETAILS - GYMNASIUM BLDG. UNIT "Q" LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	DATE 1-59 DR. BY CHECKED BY C.C.S. JOB NO. 56-71
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER CIVIL ENGINEER				SHEET NO. A38 OF 248 SHEETS

PARAPET @ TEMPORARY WALL
SCALE : 1½"=1'-0"
A39 A

SECT. X
1½"=1'-0"

PLAN @ TEMPORARY WALL
1½" = 1'-0"
A39 D

BASE @ TEMPORARY WALL
1½" = 1'-0"
A39 C

DETAIL
1½" = 1'-0"
A39 G

DETAIL
1½" = 1'-0"
A39 F

DETAIL
1½" = 1'-0"
A39 E

DETAIL
1½" = 1'-0"
A39 D

TYP. CONC. W.P.J.
3" = 1'-0"
A39 H
SEE ALSO A39 G

R.A. VENT
A39 I

O.A. VENT
A39 J

DETAIL
1½" = 1'-0"
A39 J

DETAIL
1½" = 1'-0"
A39 K

DETAIL
1½" = 1'-0"
A39 L

DETAIL
1½" = 1'-0"
A39 M

DETAIL
1½" = 1'-0"
A39 V

DOWN SPOUT DETAIL
A39 W

EAVE DETAIL
1½" = 1'-0"
A39 N

DETAIL
1½" = 1'-0"
A39 P

RAKE DETAIL
1½" = 1'-0"
A39 R

RAKE DETAIL
1½" = 1'-0"
A39 S

RAKE DETAIL
1½" = 1'-0"
A39 T

RAKE DETAIL
1½" = 1'-0"
A39 U

RAKE DETAIL
1½" = 1'-0"
A39 V

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

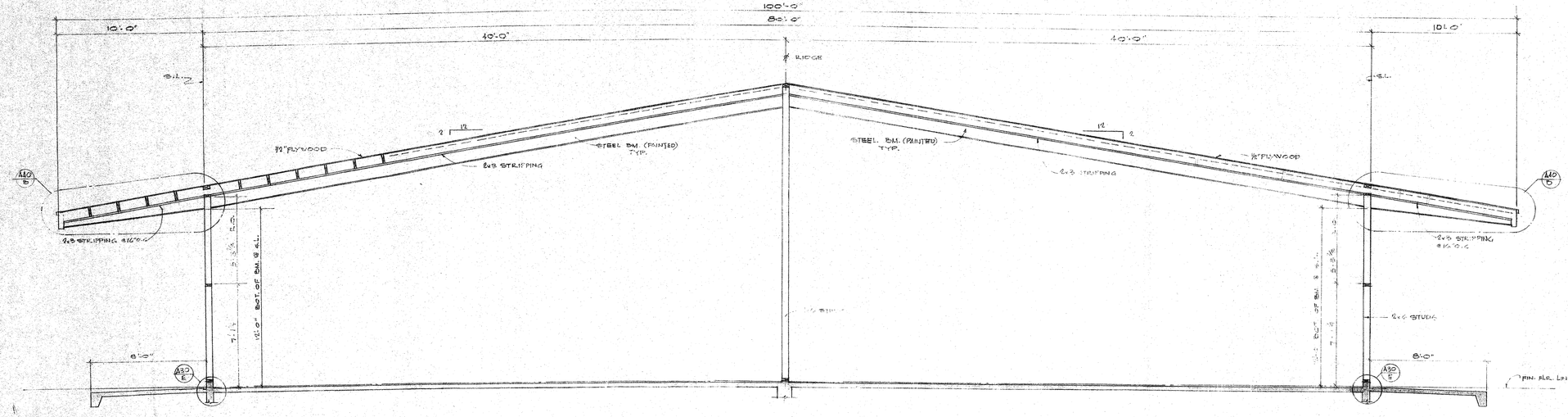
ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17883 APPROVED 1-15-1959
E. Mary

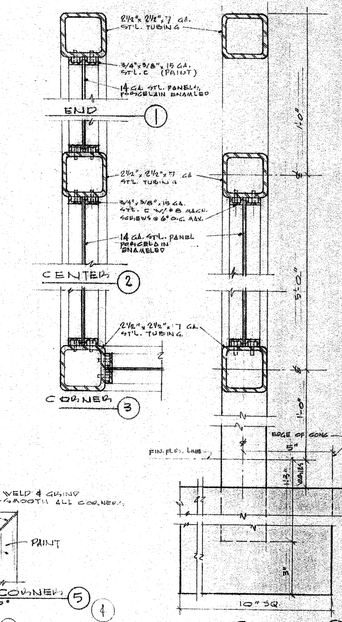
INTERIOR ARCH. DETAILS - GYMNASIUM BLDG. UNIT "2"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

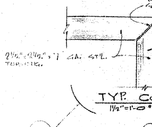
DATE 1-59
DR. BY J.S.
CHECKED BY C.C.S.
JOB NO. 56-71
SHEET NO. A39
OF 248 SHEETS



SECTION A40/A
1/4"=1'-0"

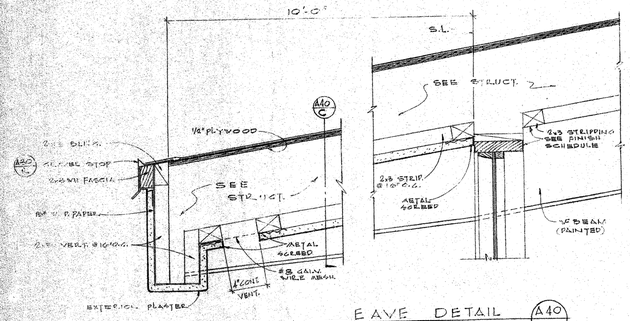
SHOP BLDG. UNIT "B"



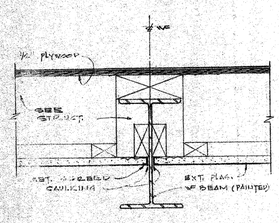


TYP. CORNER 5
1½"=1'-0"

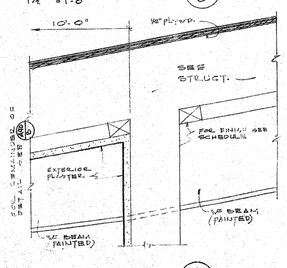
SECTION 4
BAFFLES
3/4"=1'-0"



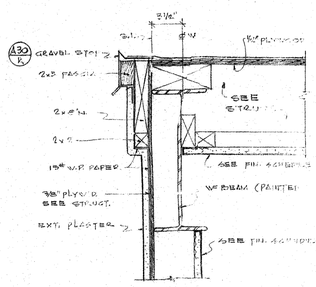
EAVE DETAIL A40/B
1½"=1'-0"



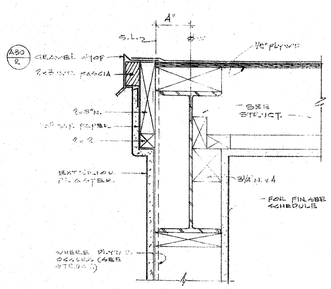
SECTION DETAIL A40/C
1½"=1'-0"



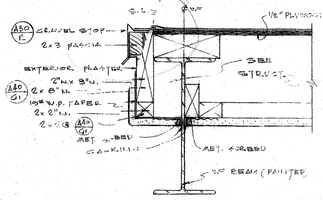
EAVE A40/D
1½"=1'-0"



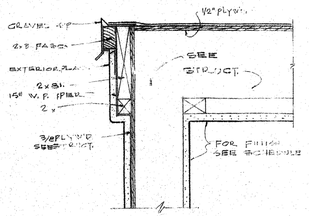
RAKE A40/E
1½"=1'-0"



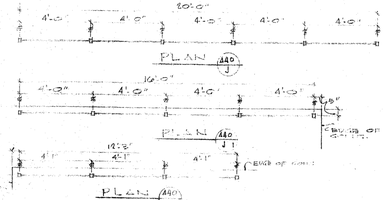
RAKE A40/F
1½"=1'-0"

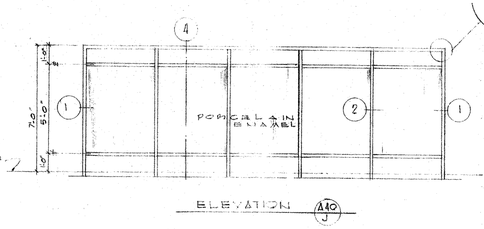


RAKE A40/G A40/G1
1½"=1'-0"

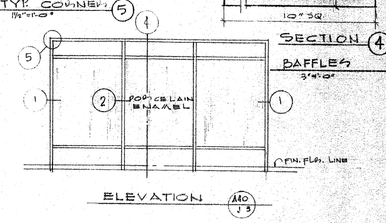


RAKE A40/H
1½"=1'-0"

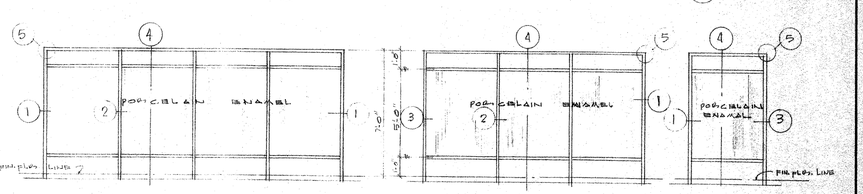




ELEVATION A40/J



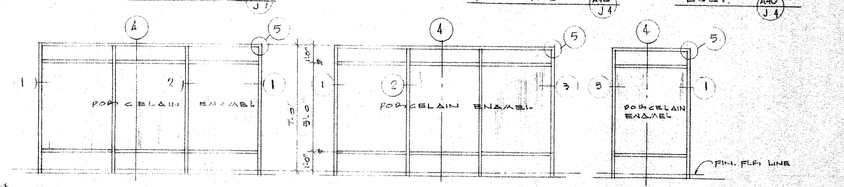
ELEVATION A40/J5



ELEVATION A40/J7

ELEVATION A40/J4

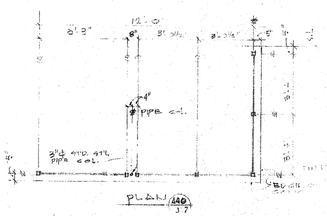
ELEV. A40/J1



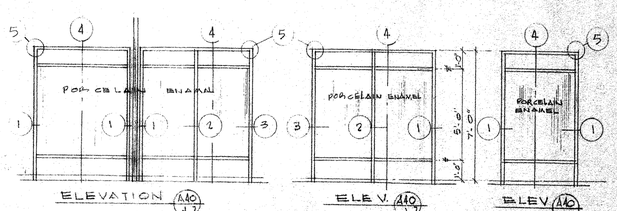
ELEVATION A40/J2

ELEVATION A40/J6

ELEV. A40/J3



PLAN A40/J7



ELEVATION A40/J7

ELEV. A40/J4

ELEV. A40/J6

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED [illegible] 1959
E. J. Mary

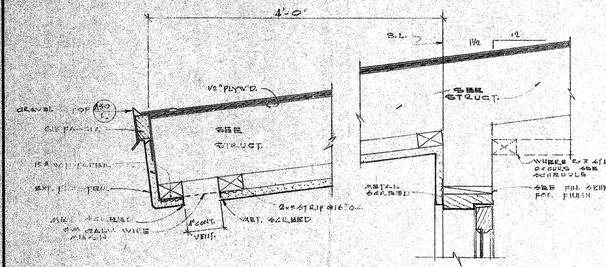
SECTION & EXTERIOR ARCH. DETAILS - UNITS "C", "D" & "E".

LA MIRADA HIGH SCHOOL

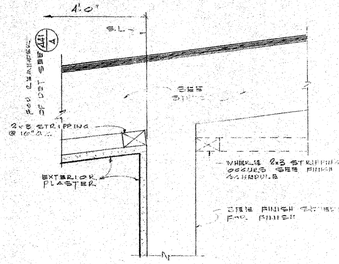
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY PLANOS
CHECKED BY C.C.S.
JOB NO. 56-71

SHEET NO. A40
OF 248 SHEETS



EAVE DETAIL A41 A
1½"=1'-0"



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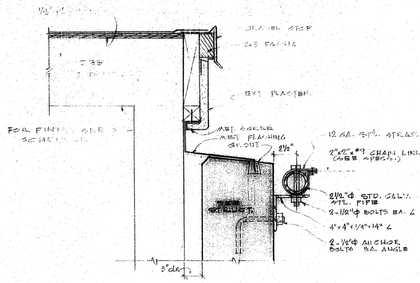

DETAIL A41 M
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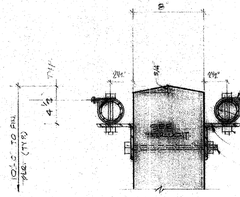

DETAIL A41 P
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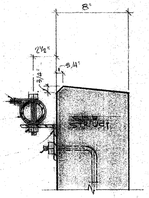
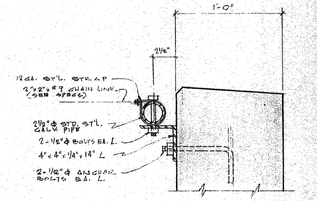
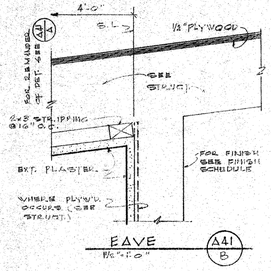


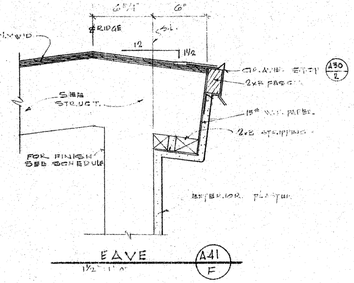
DETAIL A41 T
1½"=1'-0"



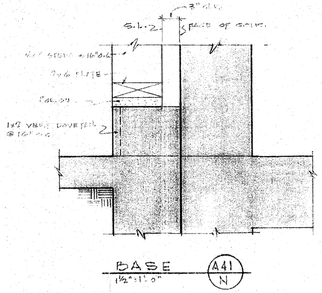
DETAIL A41 U
1½"=1'-0"



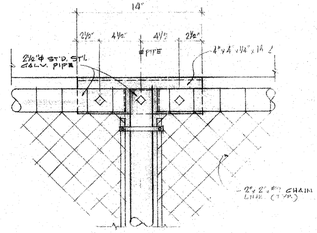
EAVE A41 B
1½"=1'-0"



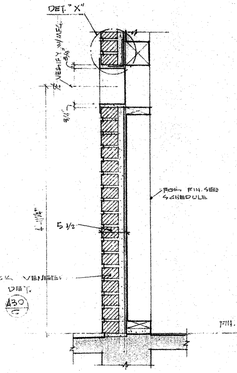
EAVE A41 F
1½"=1'-0"

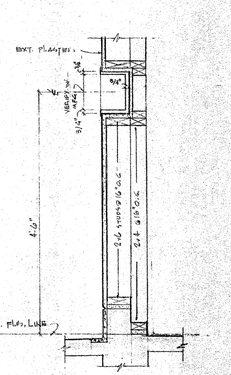


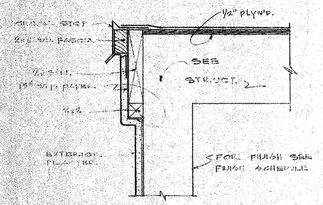
BASE A41 N
1½"=1'-0"



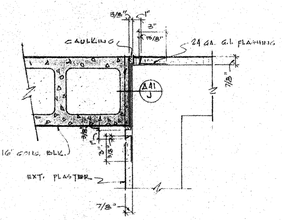
DETAIL A41
1½"=1'-0"



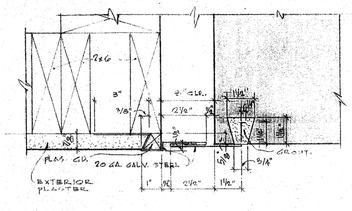




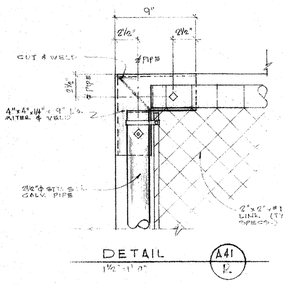
RAKE A41 C
1½"=1'-0"



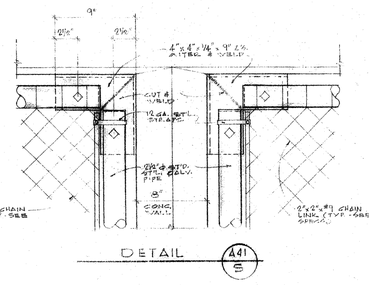
DETAIL A41 G



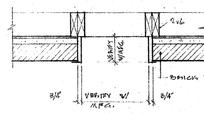
SEPARATION A41 K
3"=1'-0"

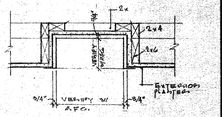


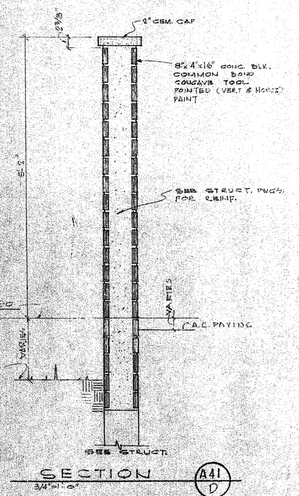
DETAIL A41 L
1½"=1'-0"



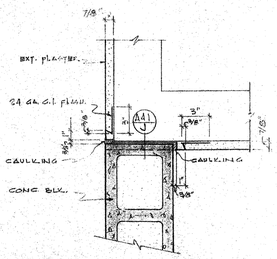
DETAIL A41 S



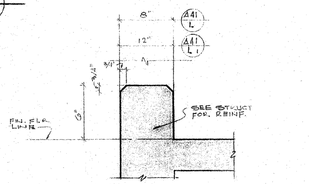




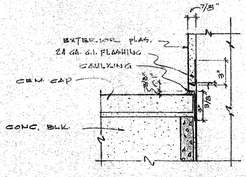
SECTION A41 D
3/4"=1'-0"



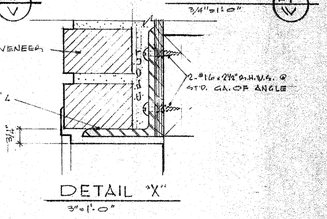
DETAIL A41 H
1½"=1'-0"



CONC. CURB A41 L A41 L1
1½"=1'-0"



SECTION A41 J
1½"=1'-0"



DETAIL "X" A41
3"=1'-0"

DETAIL A41 V
3/4"=1'-0"

DETAIL A41 W
3/4"=1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

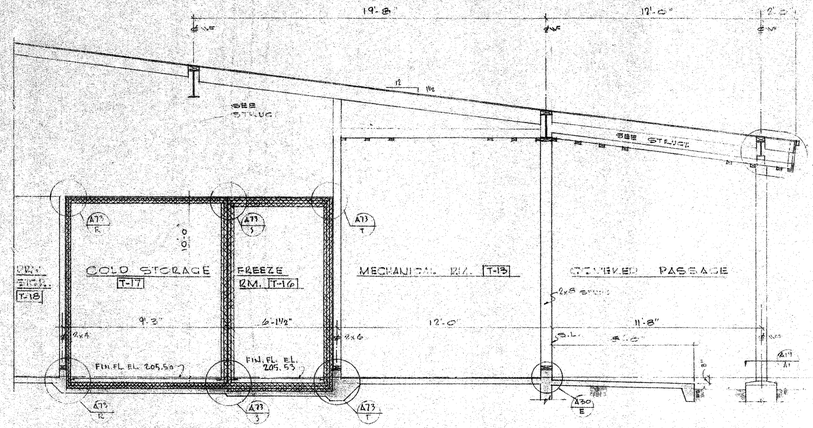
ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED 1959
E. Marx

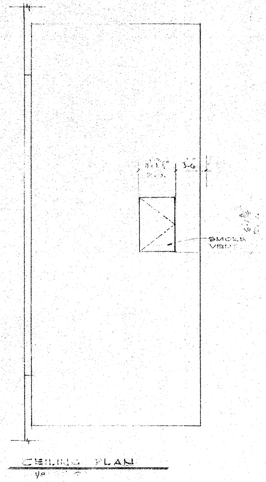
EXTERIOR ARCH. DETAILS, UTILITY BLDG. UNIT "S"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY J.E.
CHECKED BY C.C.S.
JOB NO. 86-71
SHEET NO. A41
OF 246 SHEETS

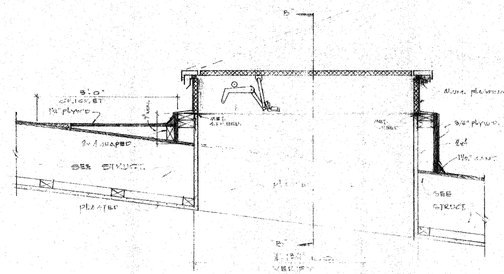


SECTION
1/4"=1'-0"

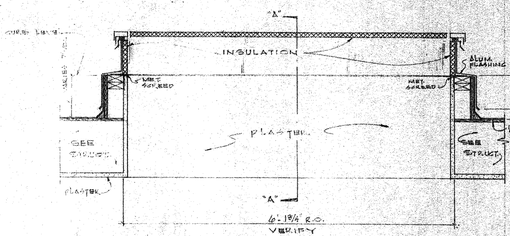
MULTI-PURPOSE, MUSIC & CLASSROOM BLDG. UNIT "T" A43 A



CEILING PLAN
1/8"=1'-0"



SECTION "A"



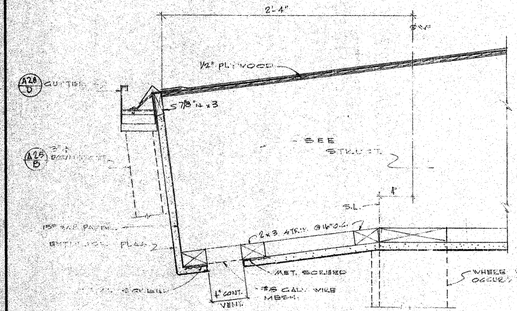
SECTION "B"

NOTE: PROVIDE 18 STAINLESS STEEL CABLE 1/4" DIA. AT EACH SMOKE VENT AS PER MANUF. DETAILS TO WALL CONSTR. REFLECTED AS SHOWN ON EAST ELEVATION SHT. A-7

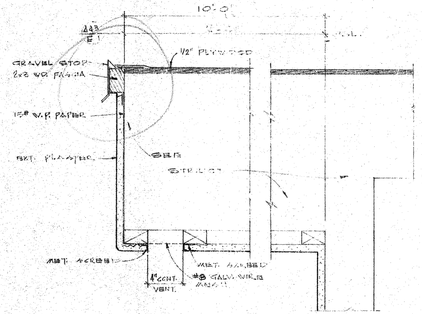
NOTE: SMOKE VENT OPERATION SHALL COMPLY WITH SECTION 3204 U.B.C.

S M O K E V E N T D E T A I L S A43 H

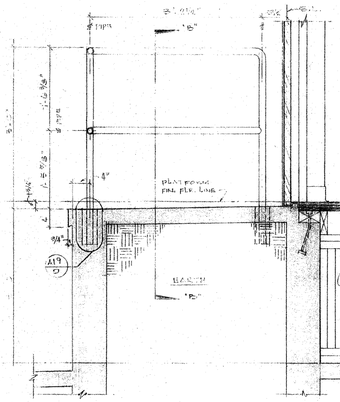
SCALE: 3/4"=1'-0"



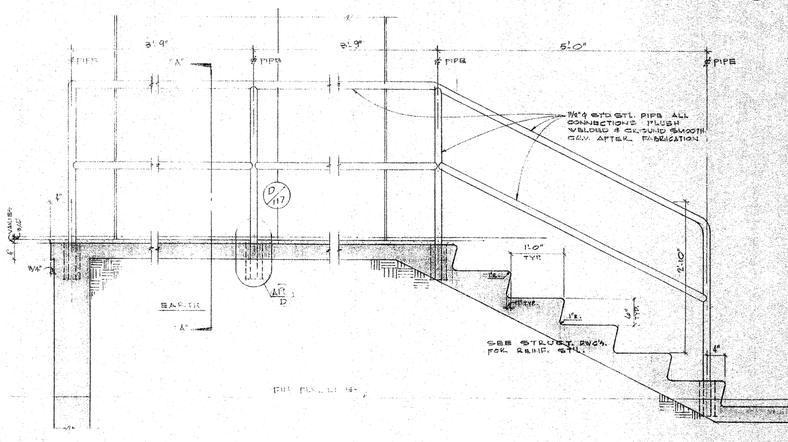
EAVE DETAIL A43 B A43 B1



RAKE DETAIL A43 E A43 E1



SECTION "A"

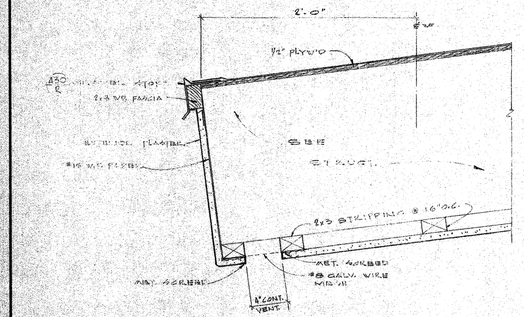


SECTION "B"

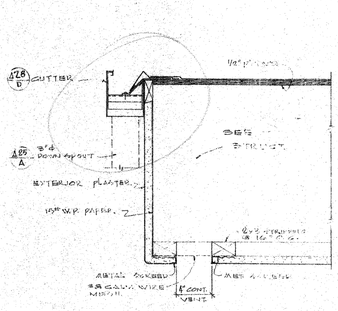
S T A I R & P I P E R A I L D E T A I L S A43 J

SCALE: 3/4"=1'-0"

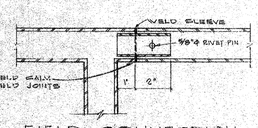
NOTE: FOR FIELD CONNECTION SEE DETAIL A43 D



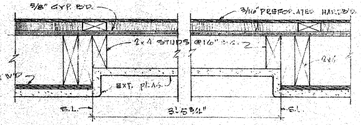
EAVE DETAIL A43 C



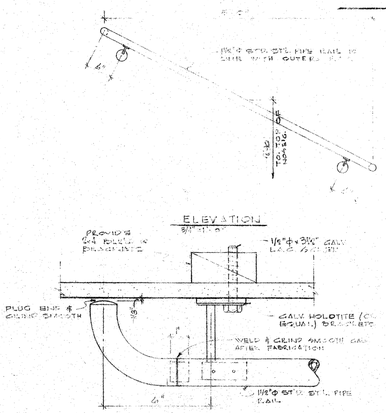
RAKE DETAIL A43 F



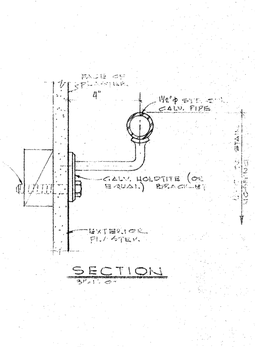
FIELD CONNECTION A43 D
WHEN EAVING CANNOT BE MADE IN ONE SECTION
3"=1'-0"

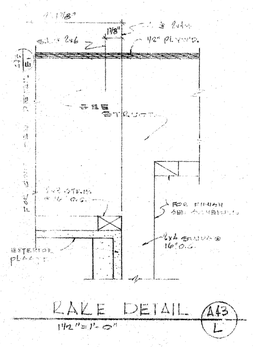


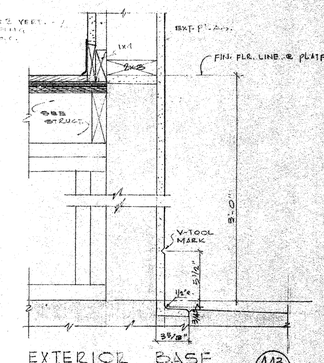
DETAIL A43 G
1½"=1'-0"



P I P E R A I L D E T A I L S A43 K







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ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

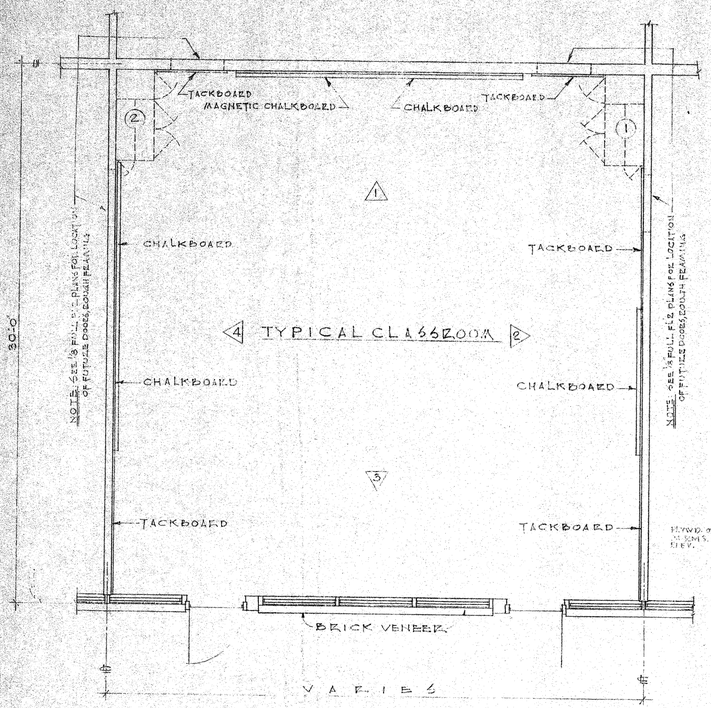
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED JAN 15 1959
E. Maag
PRINCIPAL ARCHITECTURAL AND ENGINEERING ASSISTANT

EXT. ARCH. DETAILS - MULTI-PURPOSE - MUSIC & CL. RM. UNIT "T"

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY
CHECKED BY C.G.S.
JOB NO. 58-21

SHEET NO. A43
OF 218 SHEETS



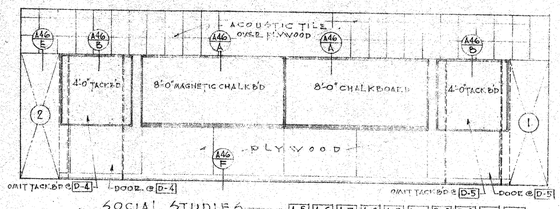
PLAN
SCALE 1/8"=1'-0"

GENERAL CABINET NOTES

1. BACKS OF CABINETS WHERE INDICATED SHALL BE 5/8" PLYWOOD UNLESS OTHERWISE NOTED.
2. ENDS & DIVISIONS SHALL BE 3/4" THICK UNLESS OTHERWISE NOTED. WHERE THEY ARE GROOVED BOTH SIDES FOR METAL SHELF STD'S. THEY SHALL BE 1"IN THICK.
3. PROVIDE PROPER WOOD BLOCKS, WHERE REQUIRED FOR DOOR CATCHES WHERE SHELVING IS ADJUSTABLE.
4. UNLESS OTHERWISE NOTED, DRAWERS FRONTS SHALL HAVE FRONT DOVE-TAILED OR LOCK JOINTED TO SIDES, PADS, SIDE FOR BACK GROOVED. SIDES & FRONT FOR 1/4" 5-PLY BOTTOMS. FRONT 3/4", SIDES 5/8" BACK 1/4". CENTER GUIDES ON ALL DRAWERS. TWO GUIDES ON DRAWERS WIDER THAN 2'-8".
5. CABINET MANFACTURERS TO VERIFY ALL DIMINION AT JOB & CHECK FOR LOCATION OF PIPES, CONDUITS, SWITCHES, PLUMING, ETC.
6. CONTRACTOR TO VERIFY SINK SIZES WITH PLUMBING CONTRACTOR.
7. SHELVES TO BE ADJUSTABLE ON METAL STANDARDS SET IN GROOVES UNLESS OTHERWISE NOTED.
8. ALL CABINETS OVER 3'-0" HIGH TO BE SECURELY ANCHOR TO WALL SEE TYPICAL CABINET DETAILS FOR ANCHORAGE

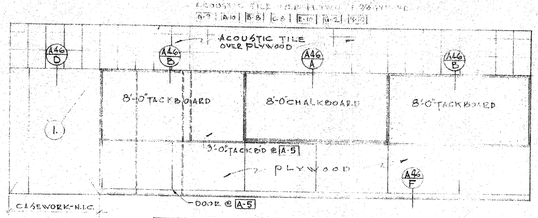
.375	.375	.375	.375
2	16	12	24

9. COUNTER TOPS TO BE SCREWED TO BOX FRAME BELOW.
10. CABINET HAND TILES TO BE 11"x6", 11"x4" UNLESS OTHERWISE NOTED.
11. 1/4" x 1/4" CHANEL TO RETURN AT EXPOSED FINISH ENDS.
12. ALL SPLASHES ARE TO RETURN AT END OF CABINETS WHICH ARE ADJACENT TO WALL OR CABINETS.



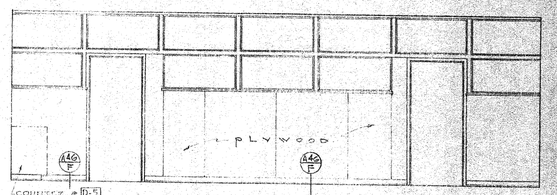
VIEW 1

SOCIAL STUDIES	A-5 A-6 A-7 A-8 A-9 A-10 B-8 B-9 B-10 B-11
LANGUAGE	C-6 C-7 C-8
BUSINESS EDUCATION	D-4 D-5
MATH	E-5 E-6 E-7 E-8 E-9 E-10
ENGLISH	F-9 F-10 G-2 G-3 G-4 G-5 H-5 H-9 H-10
HEALTH	
JOURNALISM	H-6



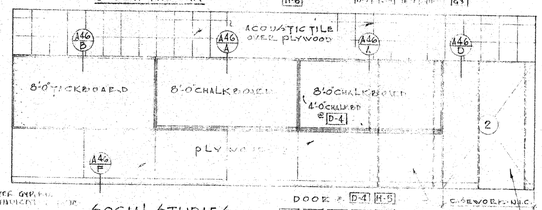
VIEW 2

A-5 A-6 A-7 A-8 A-9 A-10 B-8 B-9 B-10 B-11
C-6 C-7 C-8
D-4
E-5 E-6 E-7 E-8 E-9 E-10
F-9 F-10 G-2 G-3 G-4 G-5 H-5 H-9 H-10
F-8 F-11



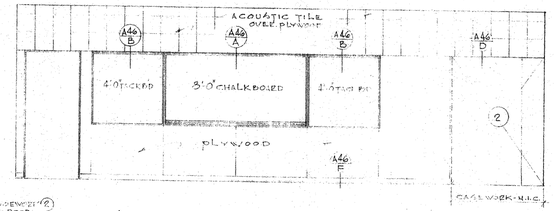
VIEW 3

A-5 A-6 A-7 A-8 A-9 A-10 B-8 B-9 B-10 B-11
C-6 C-7 C-8
D-4 D-5
E-5 E-6 E-7 E-8 E-9 E-10
F-9 F-10 G-2 G-3 G-4 G-5 H-5 H-9 H-10
F-8 F-11
H-6

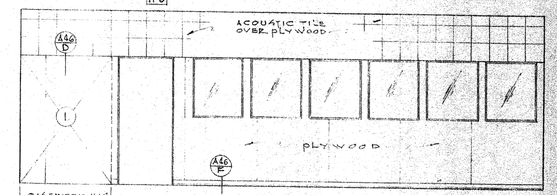


VIEW 4

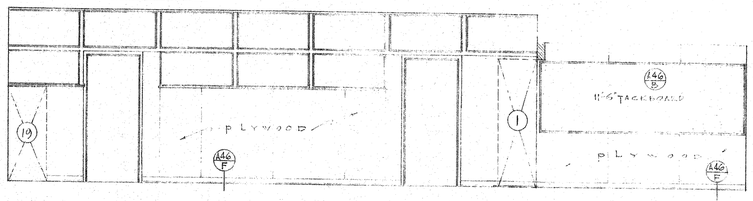
SOCIAL STUDIES	A-5 A-6 A-7 A-8 A-9 A-10 B-8 B-9 B-10 B-11
LANGUAGE	C-6 C-7 C-8
BUSINESS EDUCATION	D-4
MATH	E-5 E-6 E-7 E-8 E-9 E-10
ENGLISH	F-9 F-10 G-2 G-3 G-4 G-5 H-5 H-9
HEALTH	F-8 F-11
JOURNALISM	H-6



VIEW 5
ENGLISH H-10

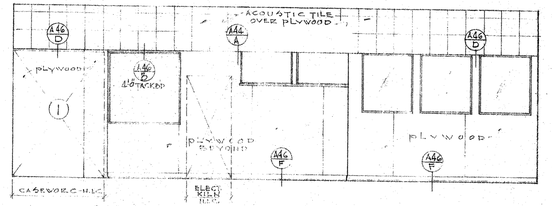


VIEW 6
JOURNALISM H-6

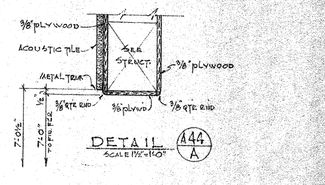


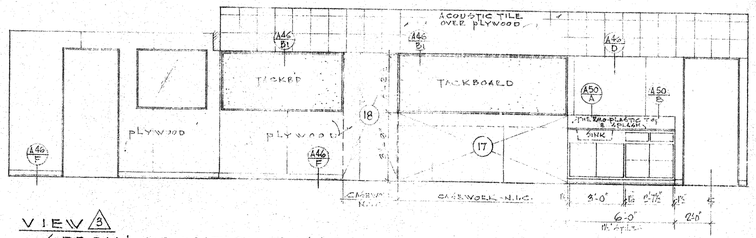
VIEW 1
SPECIAL EDUCATION CLASSROOM G-6

WORK ALCOVE G-11

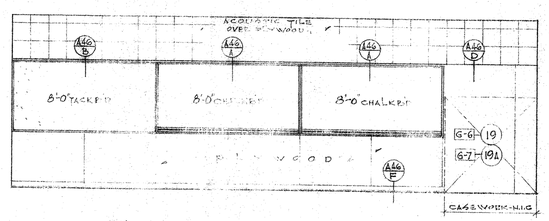


VIEW 2
SPECIAL EDUCATION CLASSROOM G-6 & WORK ALCOVE G-11

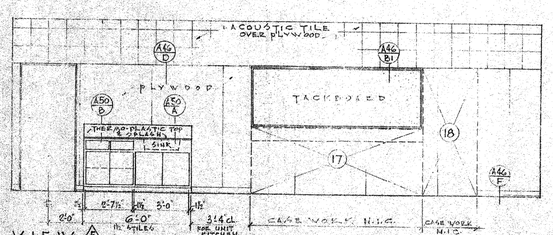




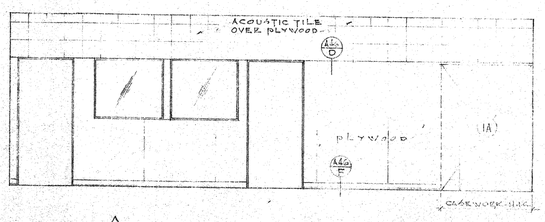
VIEW 3
SPECIAL EDUCATION CLASSROOM G-6 & WORK ALCOVE G-11



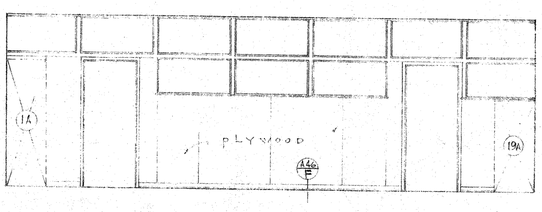
VIEW 4
G-6 G-7 OPP. HAND



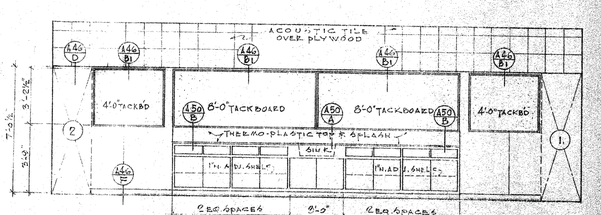
VIEW 5
SPECIAL EDUCATION CLASSROOM G-7



VIEW 6
G-7



VIEW 7
G-7



VIEW 8
HEALTH F-8 F-11

SCALE 1/4"=1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

INTERIOR ELEVATIONS UNITS A-5, A-6, A-7, A-8, A-9, A-10, B-8, B-9, B-10, B-11

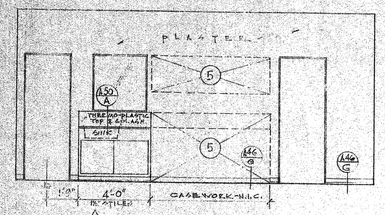
ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

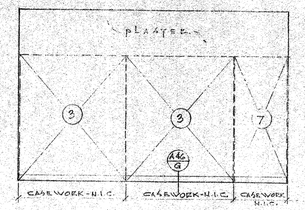
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17883 APPROVED JAN 5 1959
BY E. Mang

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

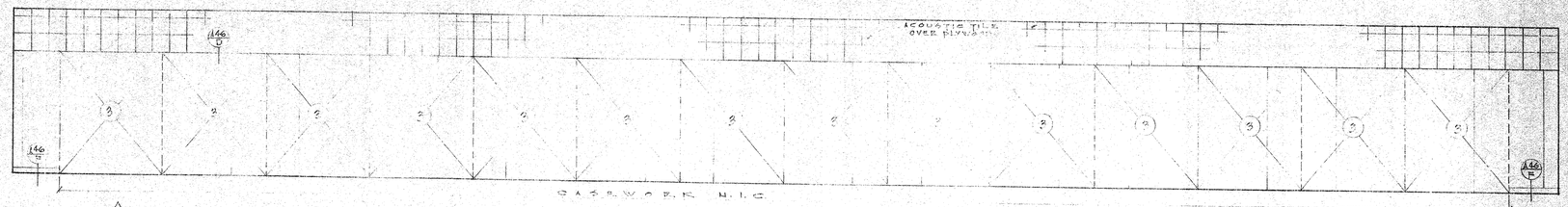
DATE 1-59
DR. BY A.C.V.
CHECKED BY
JOB NO. 56-71
SHEET NO. A44
OF 248 SHEETS



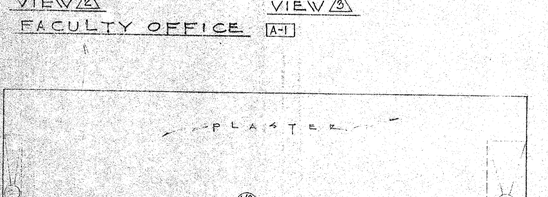
VIEW 3
WORK ROOM C-3



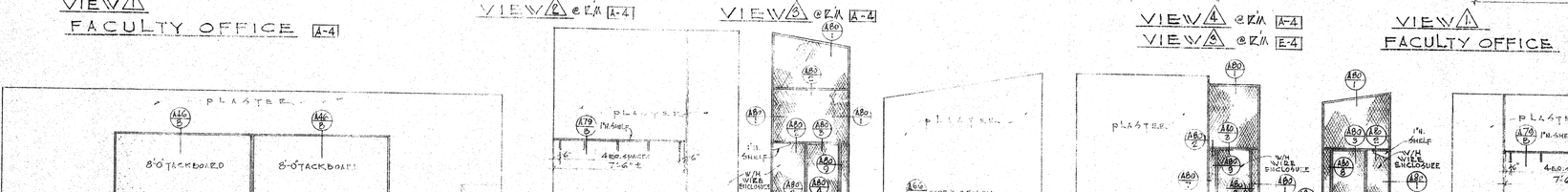
VIEW 1
LIBRARIAN OFFICE C-4



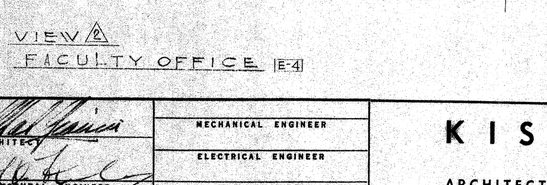
VIEW 1
TEMPORARY LIBRARY C-5



VIEW 2
TEMPORARY LIBRARY C-5



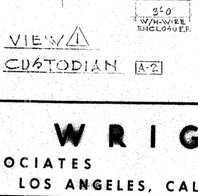
VIEW 3



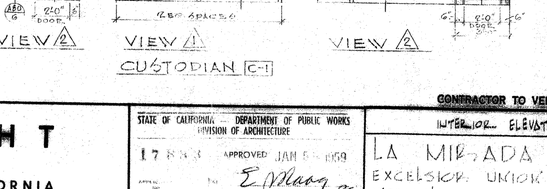
VIEW 4
TEMPORARY LIBRARY C-5



VIEW 1
ENGLISH DEPT. OFFICE H-8



VIEW 2



VIEW 3

VIEW 1
FACULTY OFFICE A-1

VIEW 2
FACULTY OFFICE A-1

VIEW 3

VIEW 1
FACULTY OFFICE A-4

VIEW 2 e/m A-4

VIEW 3 e/m A-4

VIEW 4 e/m A-4
VIEW 5 e/m E-4

VIEW 1
FACULTY OFFICE E-4

VIEW 2
FACULTY OFFICE E-4

VIEW 4

VIEW 1
CUSTODIAN A-2

VIEW 2

VIEW 1
CUSTODIAN C-1

VIEW 2

VIEW 2

VIEW 1
CUSTODIAN E-1

SCALE: 1/4"=1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
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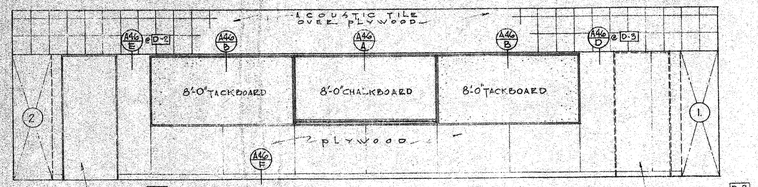
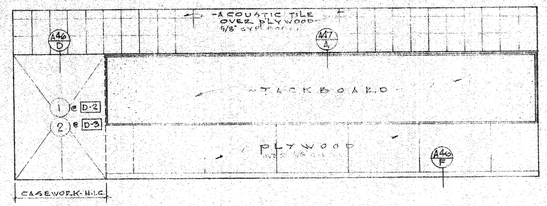
STATE OF CALIFORNIA, DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17 SHEETS APPROVED JAN 5 1959
E. Manning DSA
PRINCIPAL STRUCTURAL ASSISTANT

INTERIOR ELEVATIONS UNITS "D", "E" & "H"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIF. U.S.A.

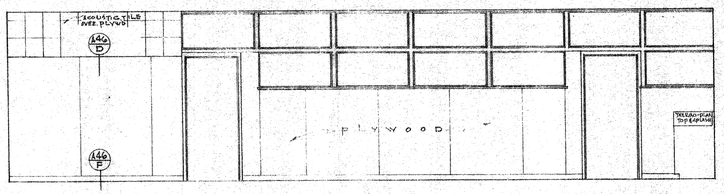
DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.S.
JOB NO. 56-71
SHEET NO. A 45
OF SHEETS



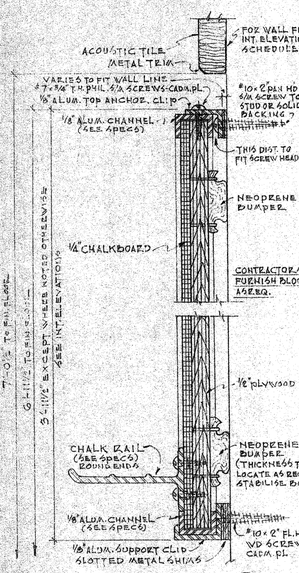
VIEW 1 TYPING CLASSROOM BUSINESS EDUCATION D-2 D-3



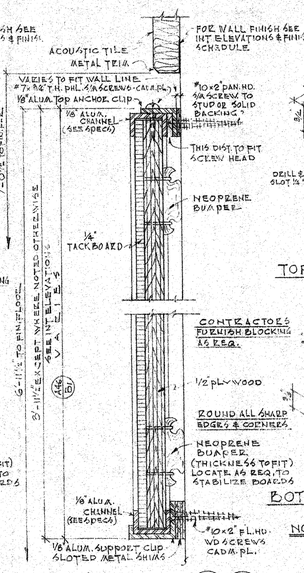
VIEW 2 D-2 D-3 OPP. HAND



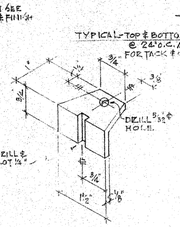
VIEW 3 D-2 D-3 OPP. HAND



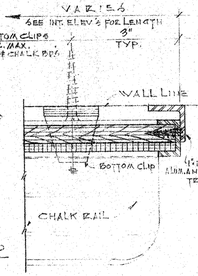
CHALKBOARD A46/A SCALE HALF FULL SIZE



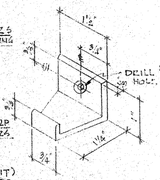
TACKBOARD A46/B A46/B1 SCALE HALF FULL SIZE



TOP ANCHOR CLIP SCALE HALF FULL SIZE

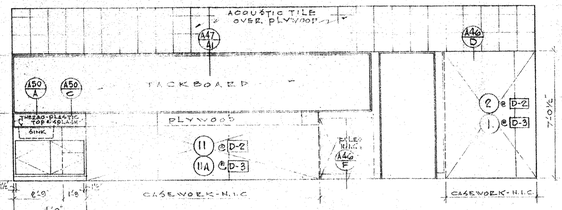


CHALK RAIL DETAIL SCALE HALF FULL SIZE

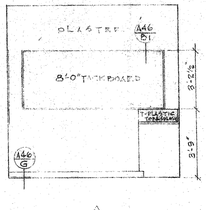


BOTTOM SUPPORT CLIP SCALE HALF FULL SIZE

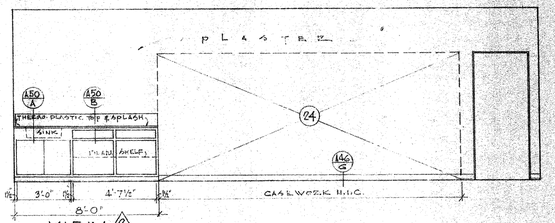
NOTE: PROVIDE 3 TOP & 3 BOTTOM CLIPS FOR 8'-0" BOARDS & 5 TOP & 5 BOTTOM CLIPS FOR 4'-0" BOARDS



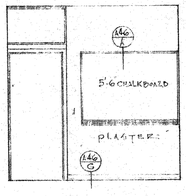
VIEW 4 TYPING CLASSROOM BUSINESS EDUCATION D-2 D-3 OPP. HAND



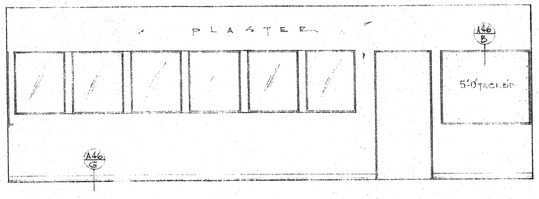
VIEW 1 JOURNALISM WORK SHOP H-7



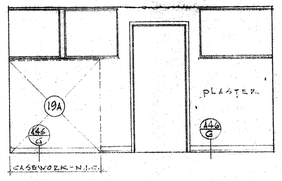
VIEW 2 H-7



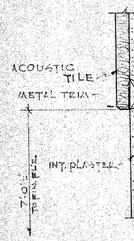
VIEW 3 JOURNALISM WORK SHOP H-7



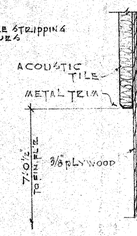
VIEW 4 JOURNALISM WORK SHOP H-7



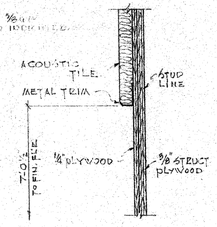
VIEW 1 SPECIAL EDUCATION OFFICE G-10



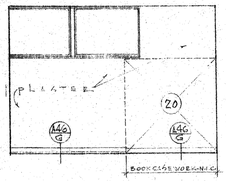
SECTION A46/C SCALE 3"=1'-0"



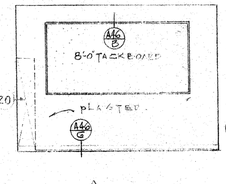
SECTION A46/D SCALE 3"=1'-0"



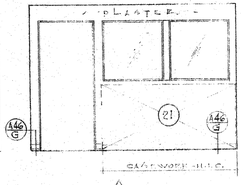
SECTION A46/E SCALE 3"=1'-0"



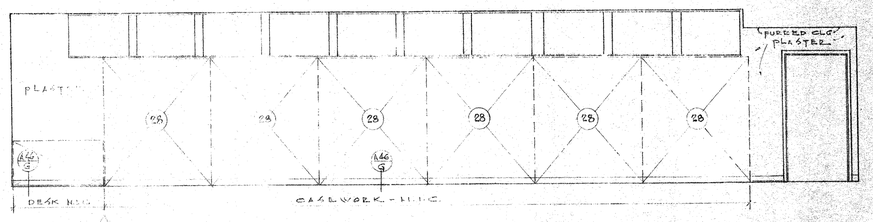
VIEW 1 WORK ROOM G-9



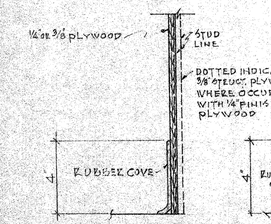
VIEW 2



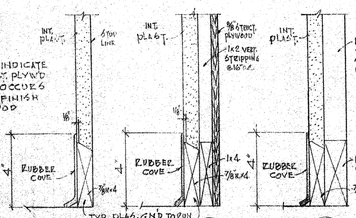
VIEW 3



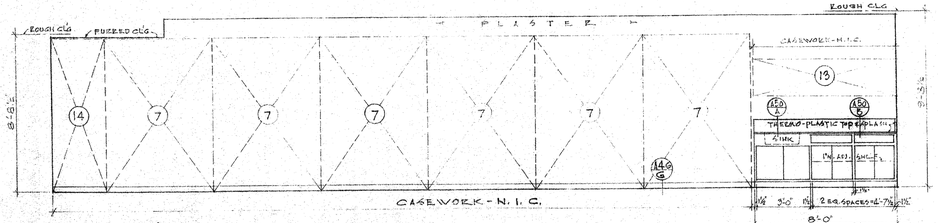
VIEW 1 TEXT BOOK AIDS, WORK & STORAGE F-13



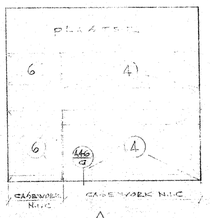
RUBBER COVE BASE A46/F SCALE 3"=1'-0"



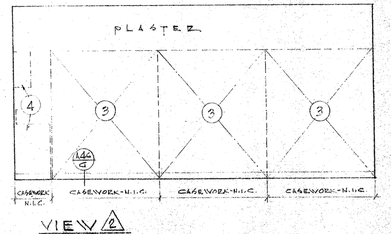
RUBBER COVE SCALE 3"=1'-0"



VIEW 2 TEXT BOOK AIDS, WORK & STORAGE F-13



VIEW 1 WORK ROOM C-3



VIEW 2

SCALE 1½"=1'-0" UNLESS NOTED OTHERWISE.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE

APPLICATION NO. 17833 APPROVED JAN 5 - 1959

Per E Maag

INTERIOR ELEVATIONS UNITS "C", "D", "F", "G" & "H", & DETAILS

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK CALIFORNIA

DATE 1-59

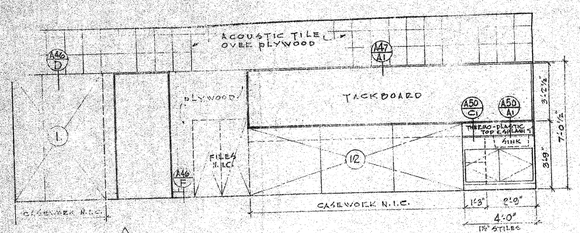
DR. BY A.C.V.

CHECKED BY C.C.S.

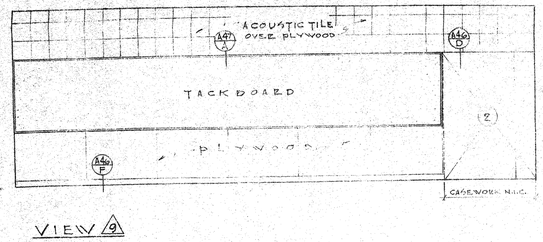
JOB NO. 56-71

SHEET NO. A46

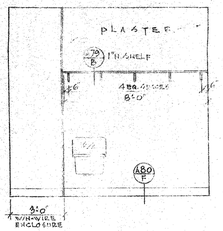
OF 246 SHEETS



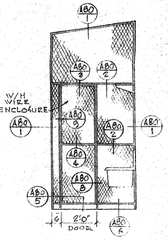
VIEW 8



VIEW 9



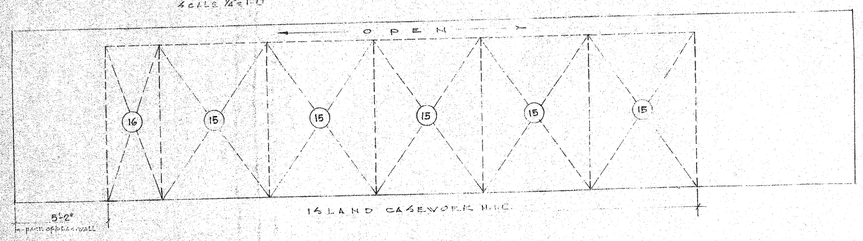
VIEW 1



VIEW 2

BUSINESS EDUCATION-CLASSROOM D-5

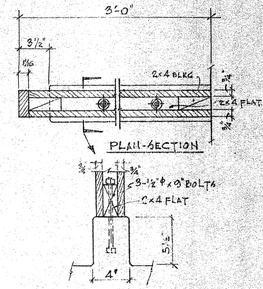
SCALE ¼"=1'-0"



SOUTH

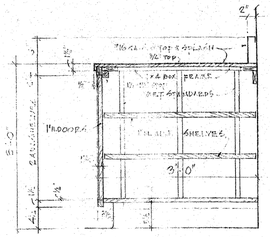
CUSTODIAN G-12

SCALE ¾"=1'-0"

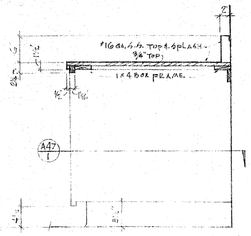


SECTION DETAIL A47/1

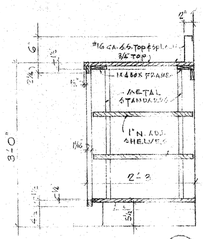
SCALE 1½"=1'-0"



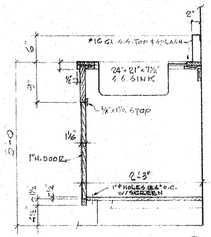
COUNTER A47/E



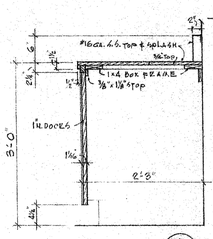
COUNTER A47/F



COUNTER A47/G



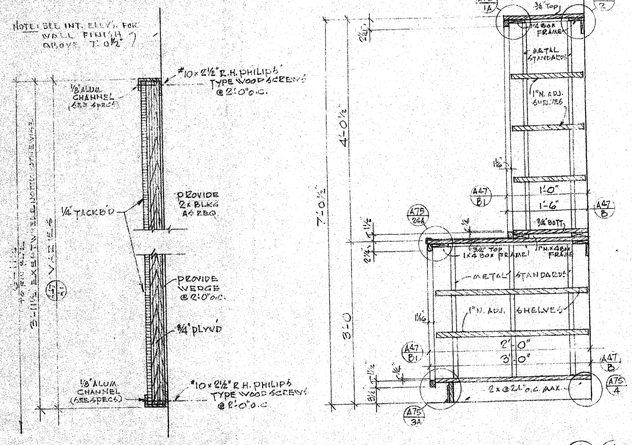
COUNTER A47/H



COUNTER A47/J

TEXT BOOK AIDS, WORK & STORAGE F-19

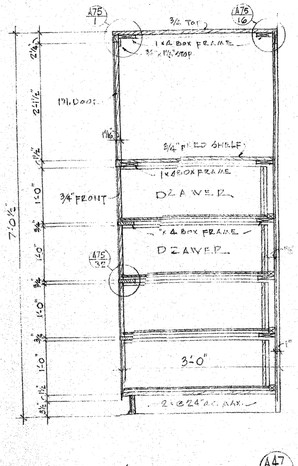
SCALE ½"=1'-0"



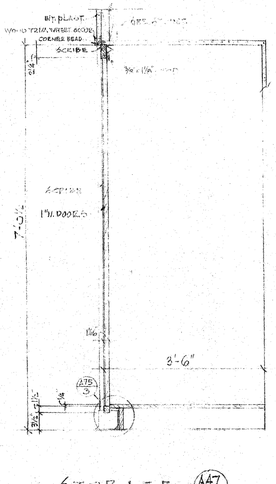
TACKBOARD A47/A A47/A1

SCALE 2"=1'-0"

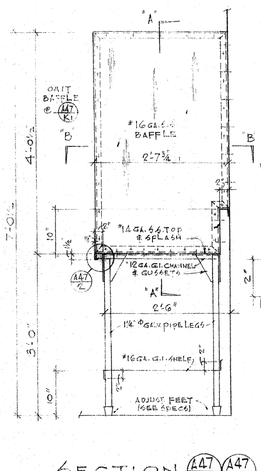
STORAGE A47/B A47/B1



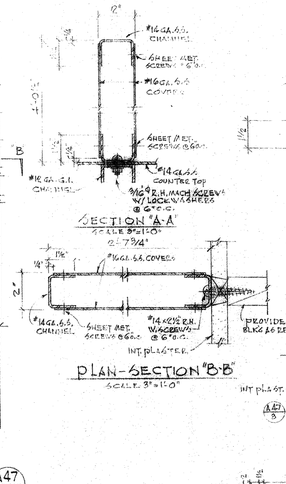
STORAGE A47/C

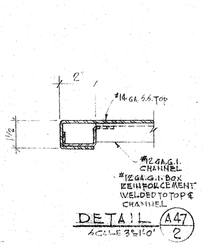


STORAGE A47/D

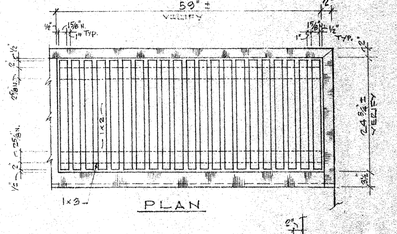


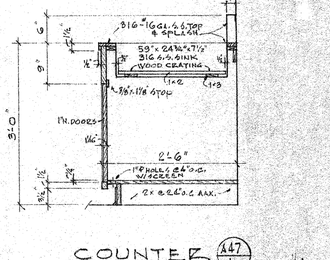
SECTION A47/K A47/K1



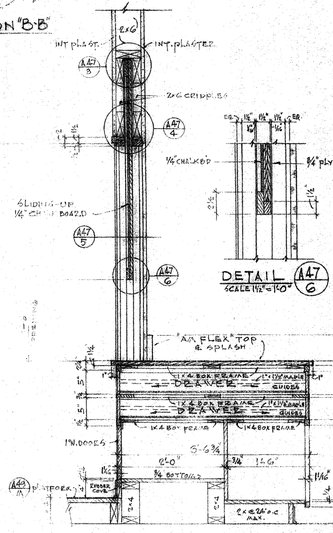


DETAIL A47/2

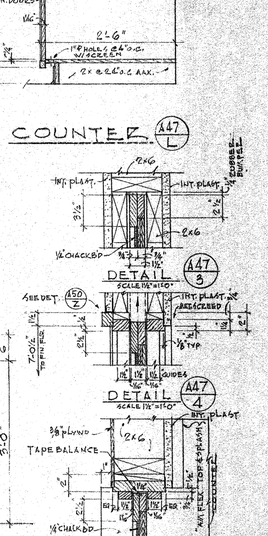


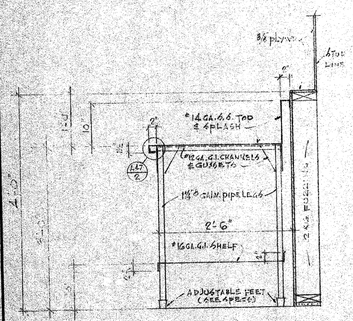


COUNTER A47/L

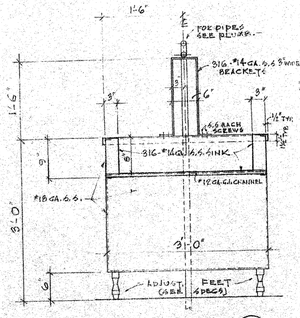


COUNTER A47/P

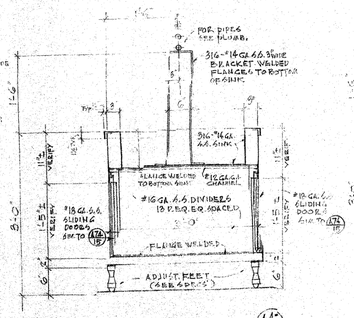




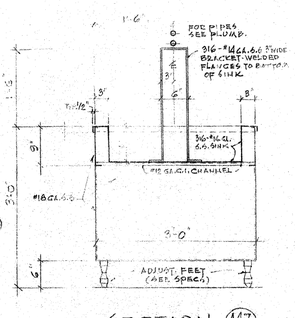
SECTION A47/A



SECTION A47/7



SECTION A47/8



SECTION A47/9

ISLAND SINK A47/N

SCALE ¾"=1'-0" UNLESS NOTED OTHERWISE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDOI & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE — ENGINEERING — LOS ANGELES, CALIFORNIA

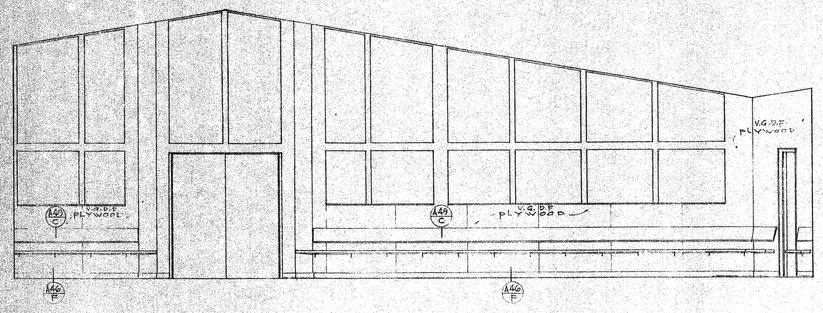
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17881 APPROVED JAN 5 - 1959
APPLICATION NO. By E. Maag PRINCIPAL ARCHITECTURAL ASSISTANT

INTERIOR ELEVATIONS UNITS "D" & "L" & MISCELLANEOUS INT. DETAILS

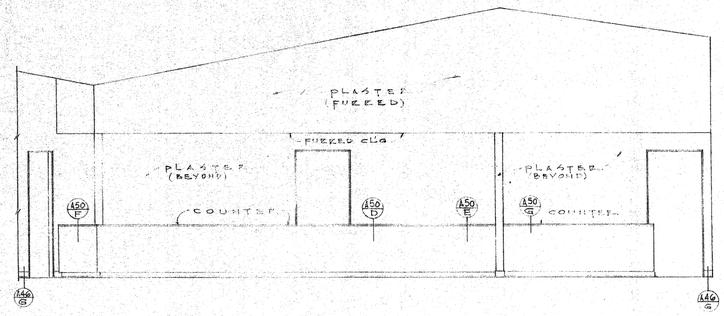
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY A.C.V.
CHECKED BY
JOB NO. 56-71

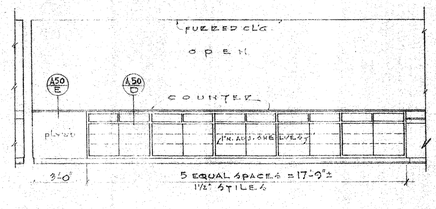
SHEET NO. A47 OF 246 SHEETS



EAST ATTENDANCE K-1

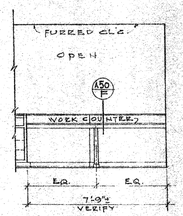


WEST

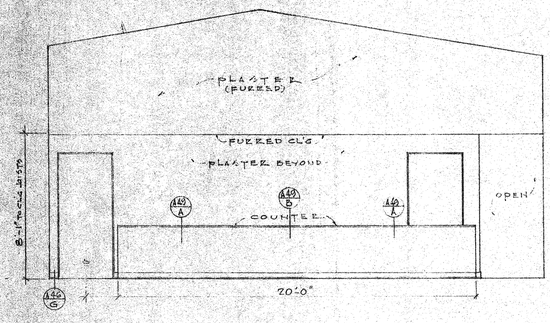


SECRETARY K-2

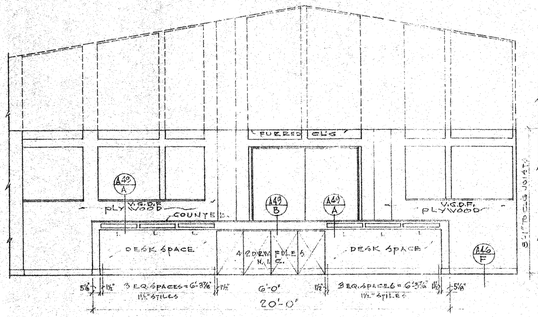
EAST



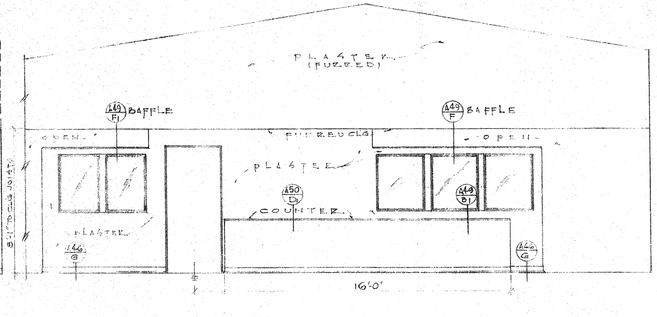
PARTIAL SOUTH-EAST



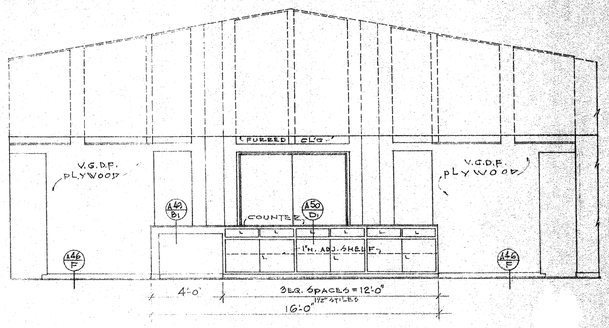
SOUTH-WEST SECRETARY K-7



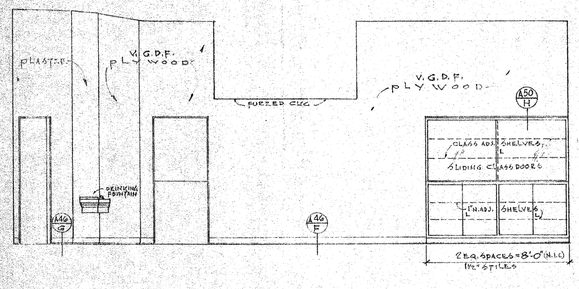
NORTH-EAST



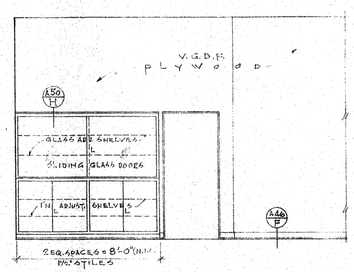
EAST RECEPTION K-21



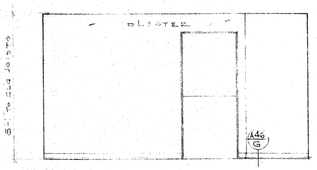
WEST



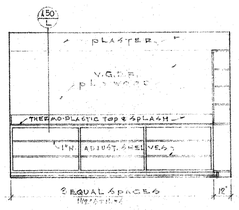
SOUTH RECEPTION K-21



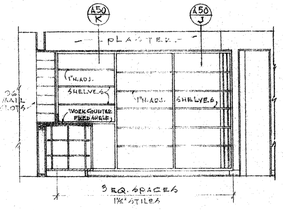
NORTH



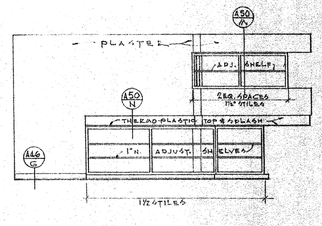
NORTH MIMEO K-27



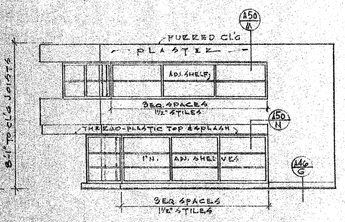
SOUTH-EAST



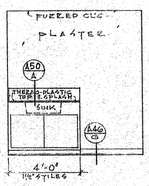
SOUTH-WEST



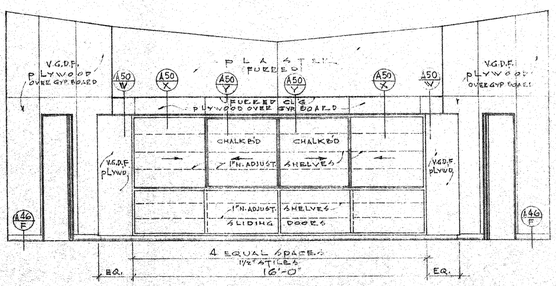
NORTH-EAST WORK K-33



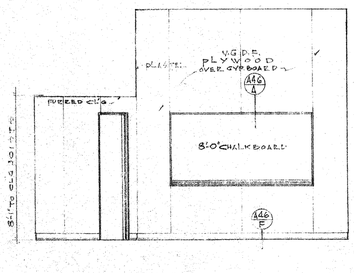
SOUTH-WEST WORK K-33



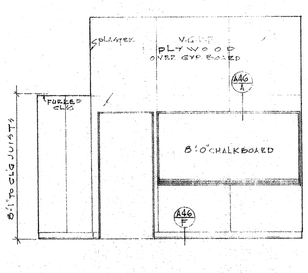
NORTH-WEST TREATMENT K-39



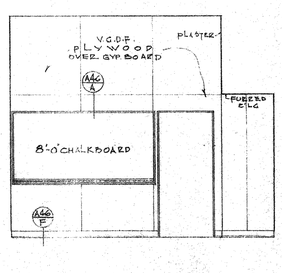
SOUTH-WEST STUDENT COUNCIL K-5



SOUTH-WEST CONFERENCE K-11



SOUTH CONFERENCE K-16



NORTH-EAST

SCALE ¼"-1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

L. L. O. K.

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

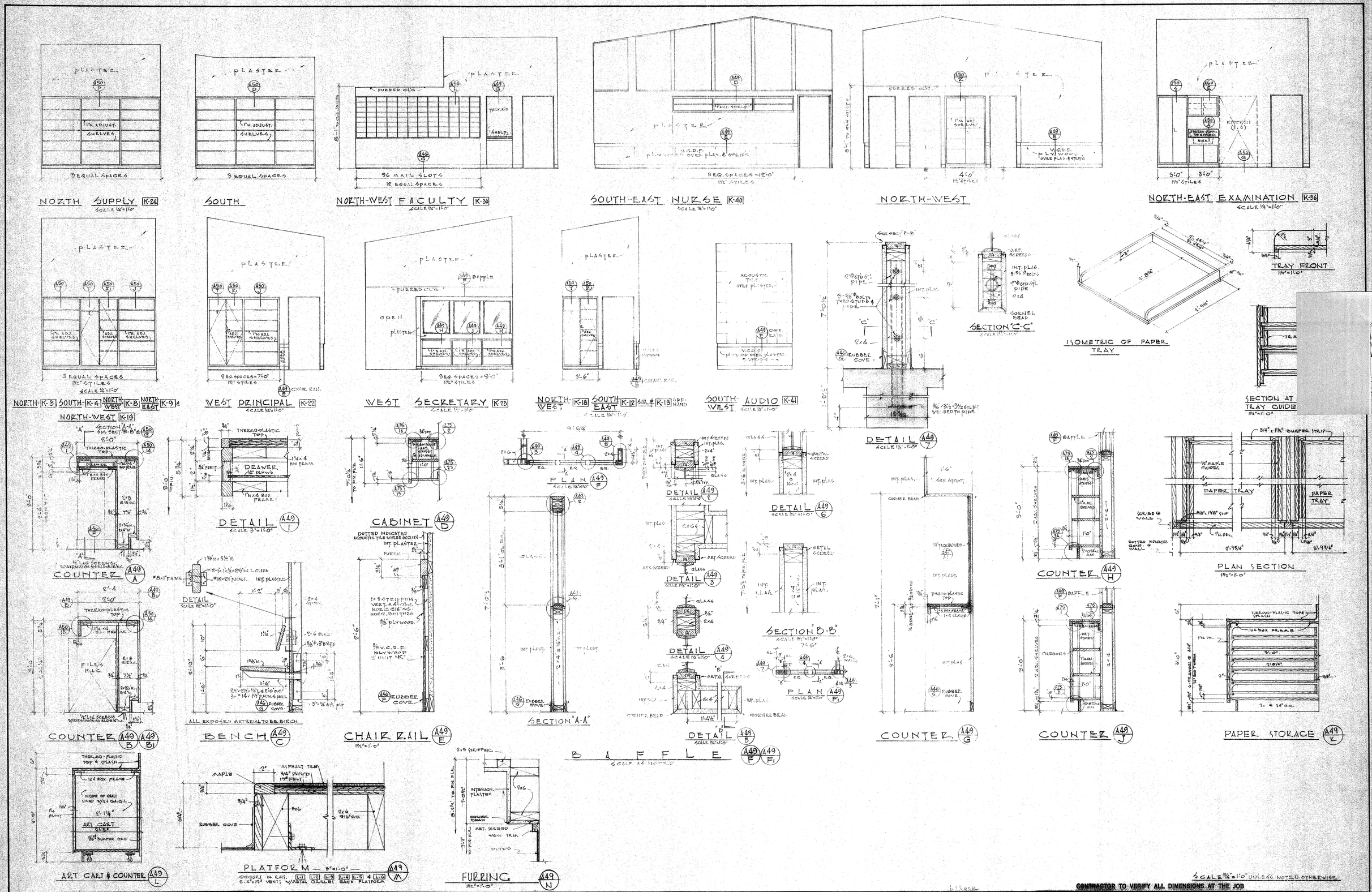
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 17884
APPROVED JAN 5 1959
By E. Mary
PRINCIPAL STRUCTURAL ENGINEER

INTERIOR ELEVATIONS UNIT "K"

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.S.
JOB NO. 56-71

SHEET NO. A48
OF 248 SHEETS



ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17883 APPROVED JAN 5 - 1959 Per E. Maag	INTERIOR ELEVATIONS UNIT "K" & DETAILS LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	DATE 1-59 DR. BY A.C.V. CHECKED BY C.C.S. JOB NO. 56-71
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER				SHEET NO. A49 OF 148 SHEETS
	CIVIL ENGINEER				

COUNTER A50 A A50 A1 A50 Ae

COUNTER A50 B A50 B1 A50 B2

COUNTER A50 C A50 C1

COUNTER A50 D A50 D1

COUNTER A50 E

WORK COUNTER A50 F

DETAIL A50 1A

DETAIL A50 1

DETAIL A50 2

SECTION "A-A"

DESK

ELEVATION

COUNTER A50 G

SECT. "B-B"

SECT. "C-C"

DISPLAY A50 H N.I.C.

DETAIL A50 3

DETAIL A50 4

DETAIL A50 5

DETAIL A50 6

DETAIL A50 7

BOOK CASE OR STORAGE A50 J A50 J1

STORAGE A50 K

MAIL SLOTS & COUNTER A50 L

SECTION A50 8

DETAIL A50 9

CABINET A50 M A50 M1

COUNTER A50 N A50 N2 A50 N3

DETAIL A50 10

DETAIL A50 11

PLAN-SECTION "D-D"

DETAIL A50 12

SECTION A50 Z

STORAGE A50 P A50 P1 A50 P2 A50 P3

STORAGE A50 K A50 K1

STORAGE A50 S

WARDROBE A50 T

STORAGE A50 U

WARDROBE A50 V

ENCLOSURE A50 W

STORAGE A50 X

STORAGE A50 Y

DETAIL A50 13

DETAIL A50 14 A50 14A

DETAIL A50 15

DETAIL A50 16

DETAIL A50 17

DETAIL A50 18

DETAIL A50 19

DETAIL A50 20

SCALE 3/4"=1'-0" UNLESS NOTED OTHERWISE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE - ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

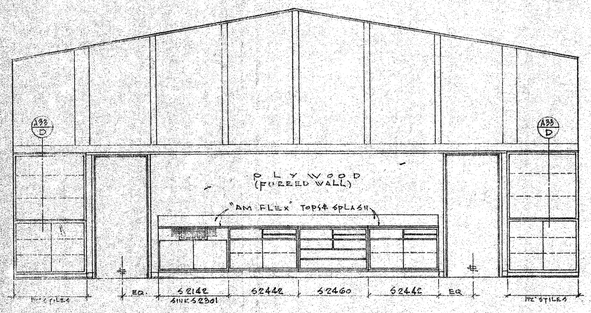
17833 APPROVED JAN 5 1959

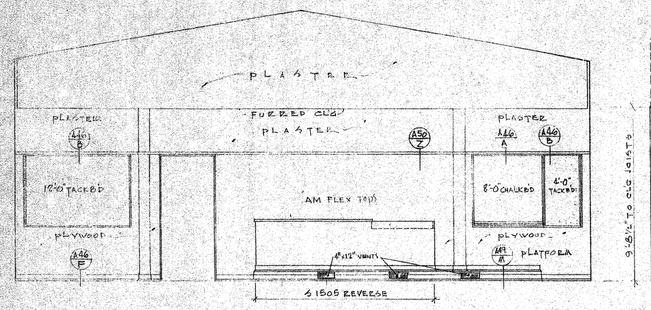
INTERIOR DETAILS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

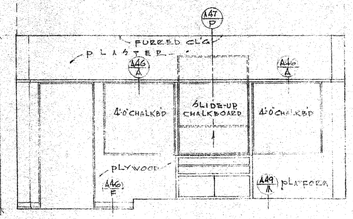
DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.T.
JOB NO. 58-71

SHEET NO. A50
OF 218 SHEETS

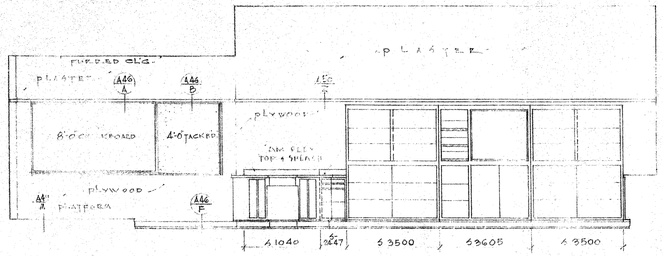

PLYWOOD (FURRED WALL)
AM FLEX TOPS & SPLASH
2'-0" TO FINISH FLOOR
2'-8½" TO FINISH FLOOR
2'-8½" TO FINISH FLOOR
2'-8½



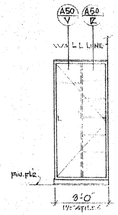
WEST - CHEMISTRY L-4 SOUTH-EAST - BIOLOGY L-6



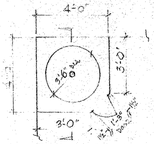
WEST - CHEMISTRY L-4 SOUTH-EAST - BIOLOGY L-6

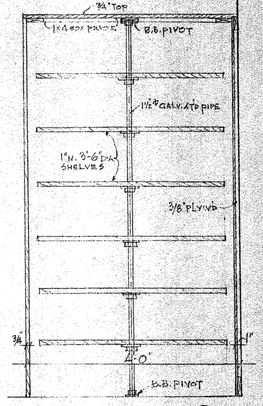


NORTH-WEST CHEMISTRY L-4

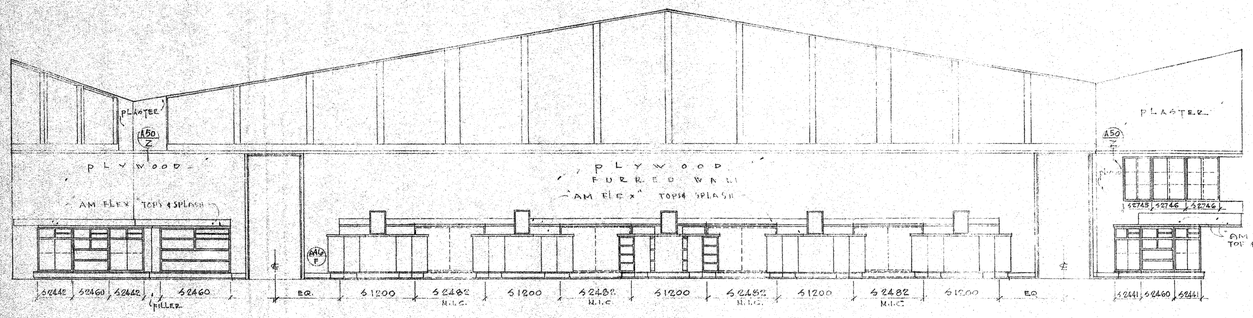


PARTIAL ELEV. 1 & 2 6 1/4 PPD. HAND
AT CENTRAL STORAGE L-9

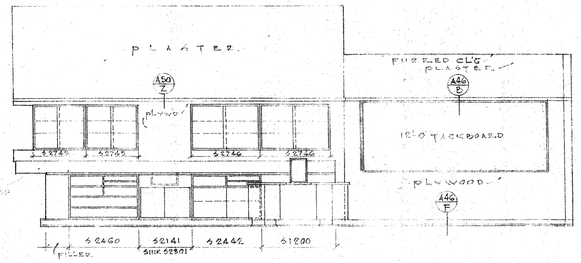




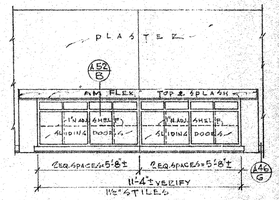
STORAGE A52 J
SCALE 3/4"=1'-0"



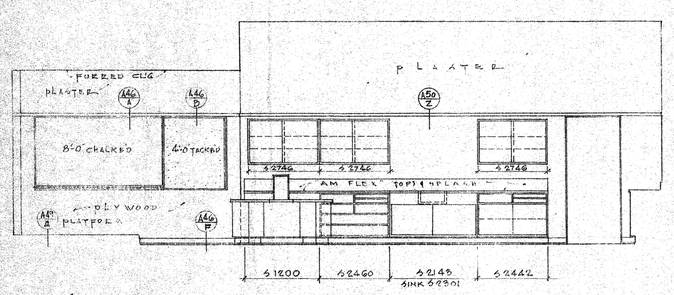
NORTH-WEST BIOLOGY L-6



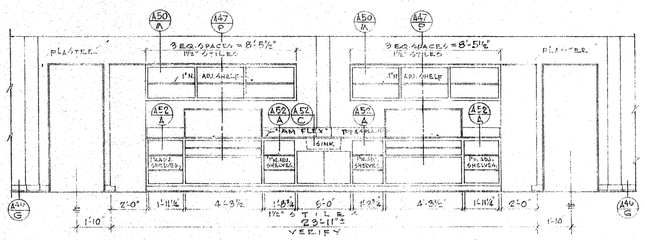
SOUTH-EAST



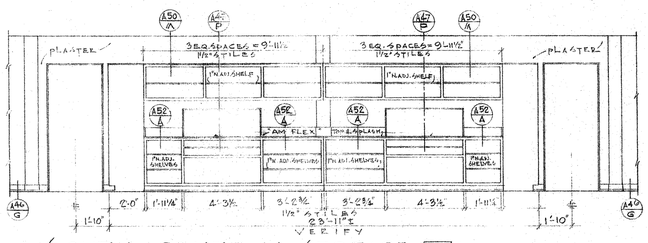
SOUTH OFFICE L-8



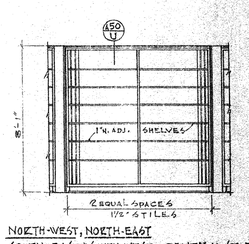
SOUTH BIOLOGY L-6



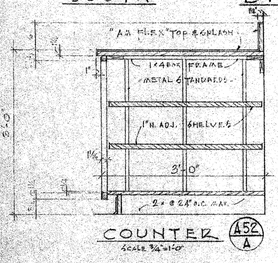
NORTH-EAST & NORTH-WEST CENTRAL STORAGE L-9



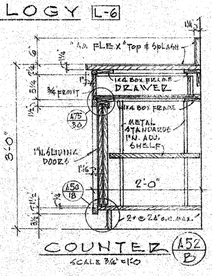
SOUTH CENTRAL STORAGE L-9



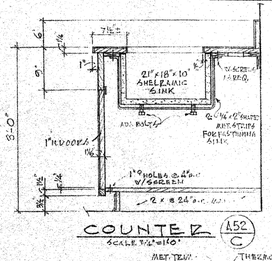
NORTH-WEST, NORTH-EAST
SOUTH-EAST & SOUTH-WEST - CENTRAL STORAGE L-9



COUNTER A52 A
SCALE 3/4"=1'-0"

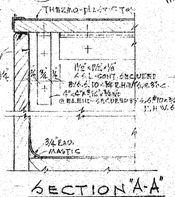


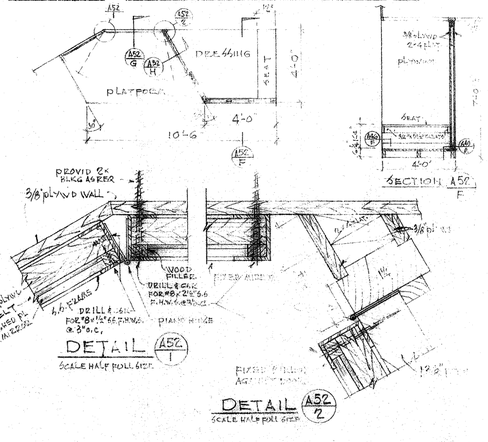
COUNTER A52 B
SCALE 3/4"=1'-0"

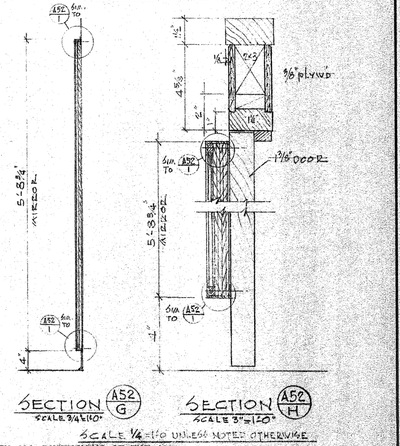


COUNTER A52 C
SCALE 3/4"=1'-0"

GROOMING COUNTER
SCALE 3/4"=1'-0"







SCALE ½"=1'-0" UNLESS NOTED OTHERWISE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

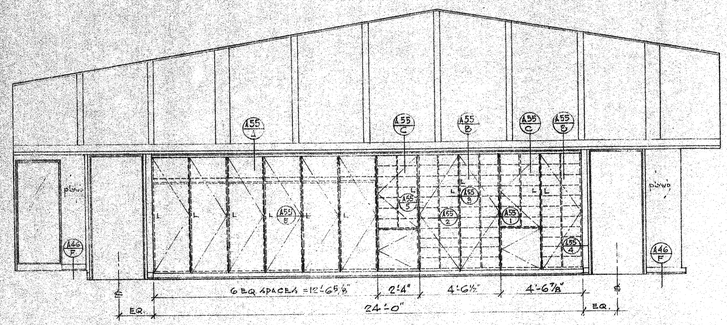
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17883 APPROVED JAN 5 1959 E. Mang DSA
PRINCIPAL ASSISTANT PHYSICAL SUPERVISOR

INTERIOR ELEVATIONS UNIT "L" & DETAILS

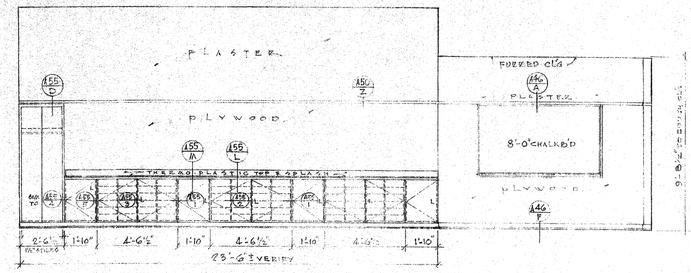
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.S.
JOB NO. 58-71

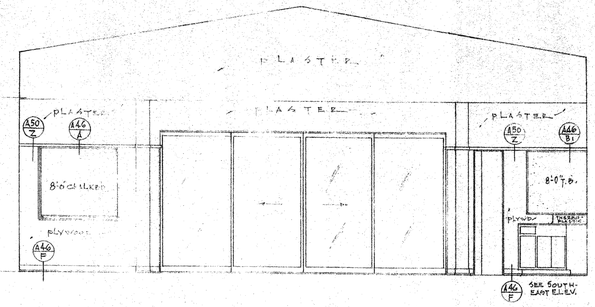
SHEET NO. A52
OF 248 SHEETS



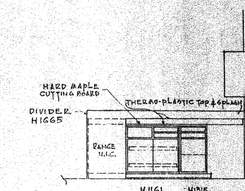
WEST CLOTHING LAB. M-1



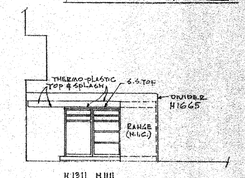
NORTH



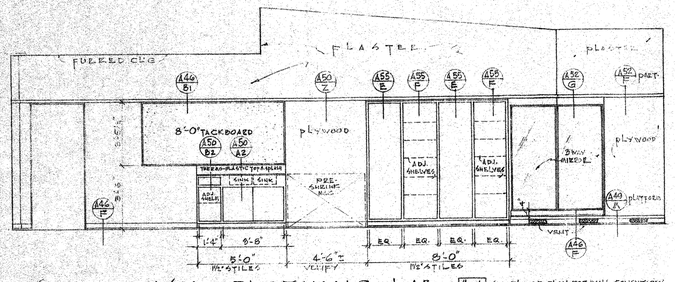
EAST



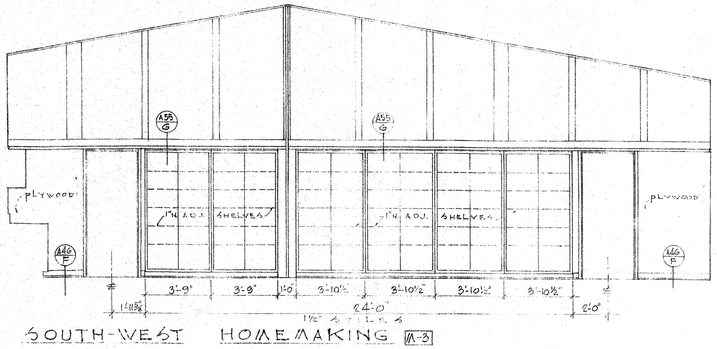
PARTIAL ELEVATION 1



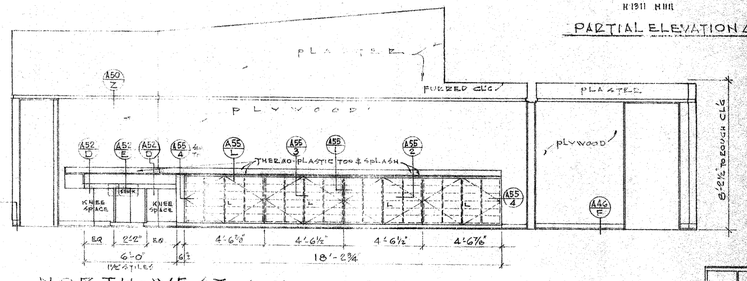
PARTIAL ELEVATION 2



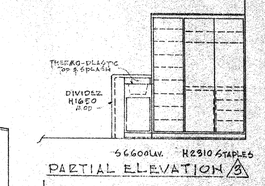
SOUTH-EAST CLOTHING LAB. M-1 SEE FLOOR PLAN FOR WALL CONDITIONS



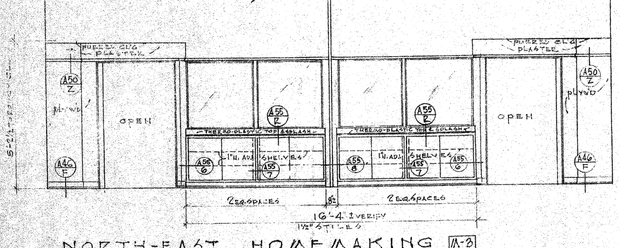
SOUTH-WEST HOMEMAKING M-3



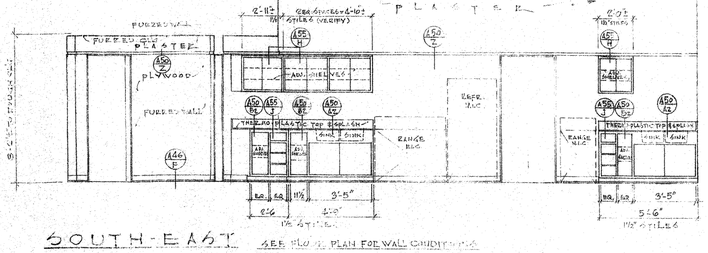
NORTH-WEST SEE FLOOR PLAN FOR WALL CONDITIONS



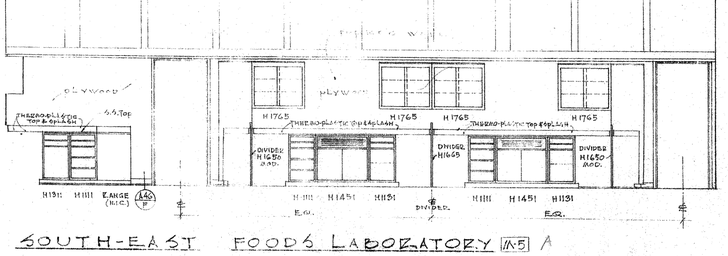
PARTIAL ELEVATION 3



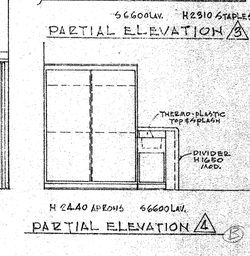
NORTH-EAST HOMEMAKING M-3



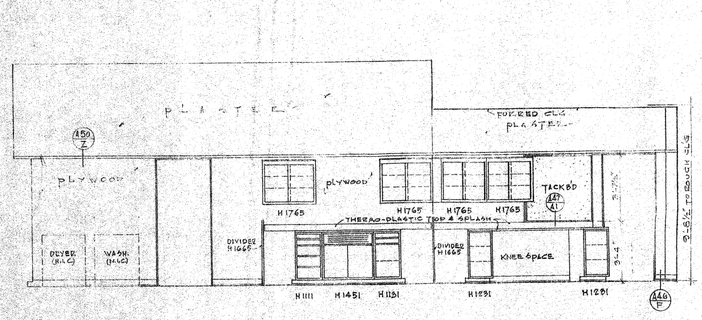
SOUTH-EAST SEE FLOOR PLAN FOR WALL CONDITIONS



SOUTH-EAST FOODS LABORATORY M-5 A

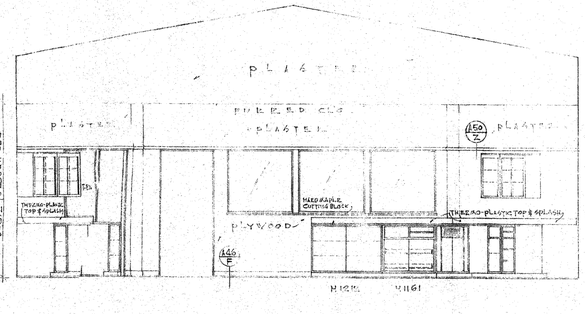


PARTIAL ELEVATION 4 B

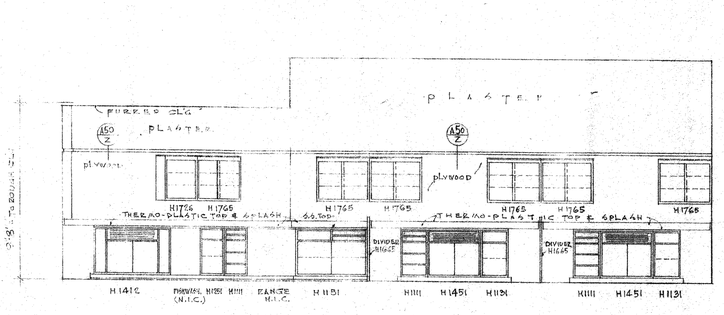


SOUTH-WEST FOODS LABORATORY M-5 C

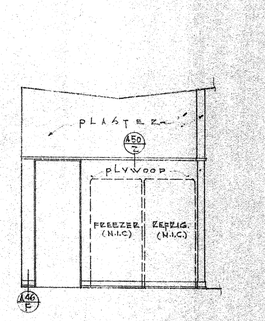
SEE FLOOR PLAN FOR WALL CONDITIONS



NORTH-WEST D



NORTH-EAST D SEE FLOOR PLAN FOR WALL CONDITION F



SOUTH-WEST PARTIAL A-5

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

SCALE 1/4"-1'-0"

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE ENGINEERING LOS ANGELES, CALIFORNIA

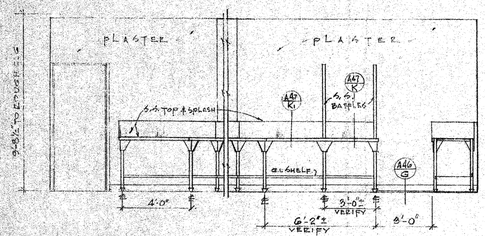
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED JAN 8 1959
E Maag
DEPUTY STATE ARCHITECT

INTERIOR ELEVATIONS UNIT "M"

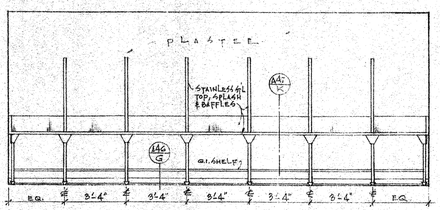
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.S.
JOB NO. 56-71

SHEET NO. A53 OF 246 SHEETS

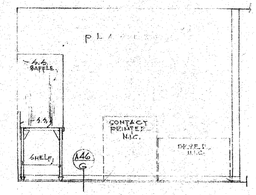


SOUTH-EAST EAST

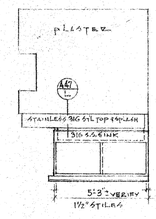


SOUTH-WEST

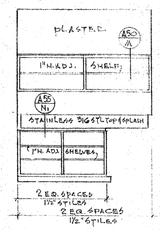
ENLARGING & PRINTING A-6



NORTH-WEST



SOUTH DEVELOPING A-7



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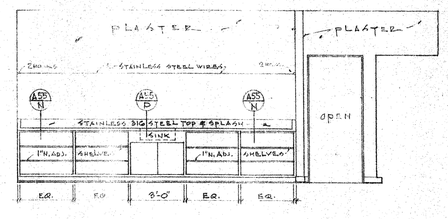
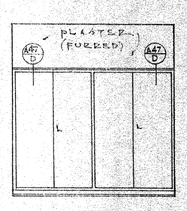


WEST DRYING ROOM A-9



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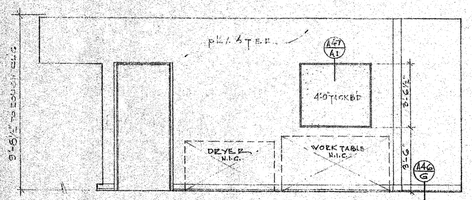
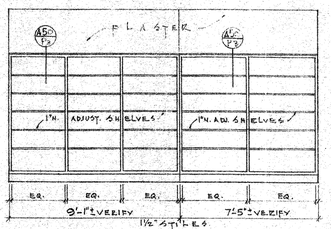
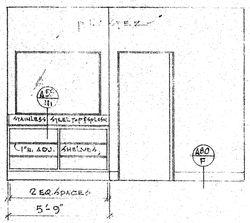


EAST DRYING ROOM A-3



SOUTH-WEST KILN ROOM A-11

SEE FLOOR PLAN FOR WALL CONDITION



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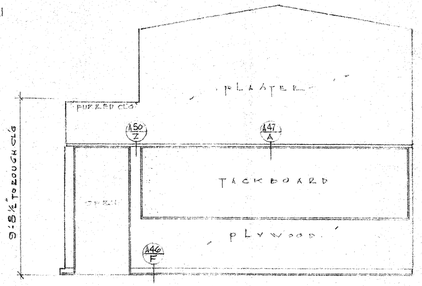
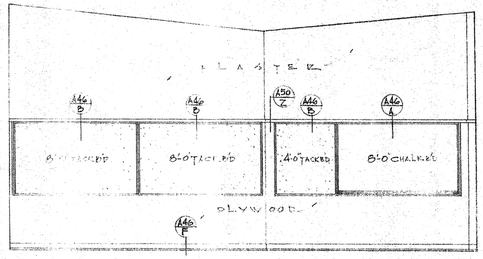
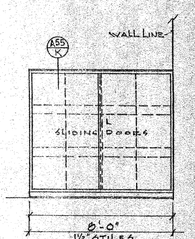


EAST PHOTOGRAPHY STUDIO CL.R/M A-10



SOUTH



SOUTH-WEST PARTIAL A @ CRAFTS STUDIO A-13

WEST PHOTOGRAPHY STUDIO CL.R/M A-10

NORTH-WEST

NORTH-EAST

NORTH-EAST GLAZING ROOM A-12

SOUTH-WEST

SOUTH-WEST SUPPLY STORAGE A-4 NORTH-WEST

NORTH-EAST CRAFTS STUDIO CL.R/M A-13

SOUTH-EAST

SOUTH-WEST

ELEVATION ISLAND SINK AT ENLARGING & PRINTING A-6

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB SCALE 1/4"=1'-0"

INTERIOR ELEVATIONS UNIT "M"

ARCHITECT

STRUCTURAL ENGINEER

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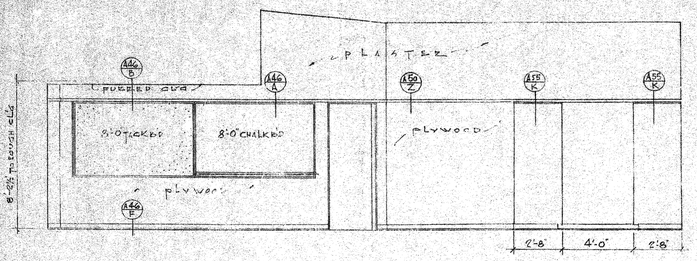
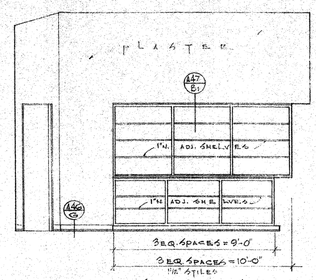
DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.T.
JOB NO. 56-71

SHEET NO. A54
OF 248 SHEETS



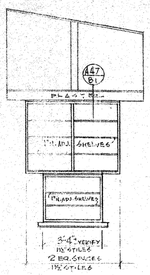
NORTH-WEST CRAFTS STUDIO CL. R/A M-13

SCALE 1/4"=1'-0"

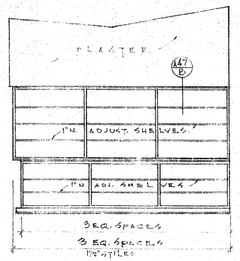


SOUTH-WEST SUPPLY & STORAGE M-15

SCALE 1/4"=1'-0"



NORTH-WEST



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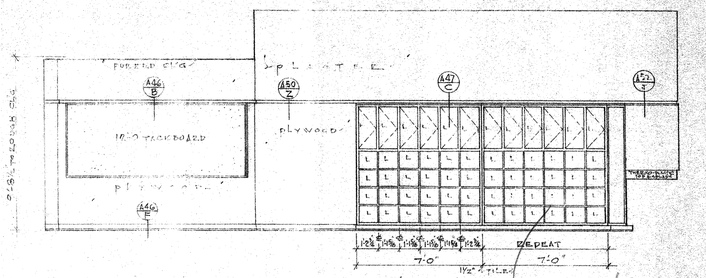

SOUTH ARTS STUDIO CL. R/A M-16

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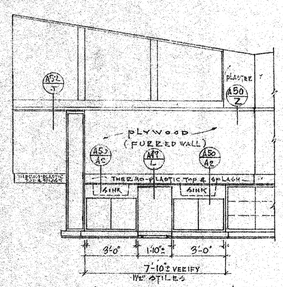

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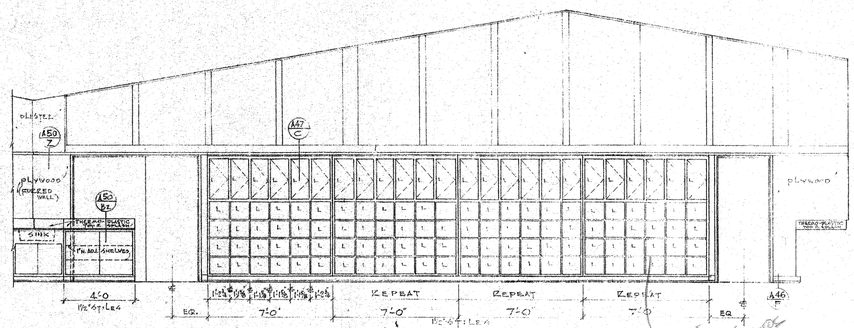

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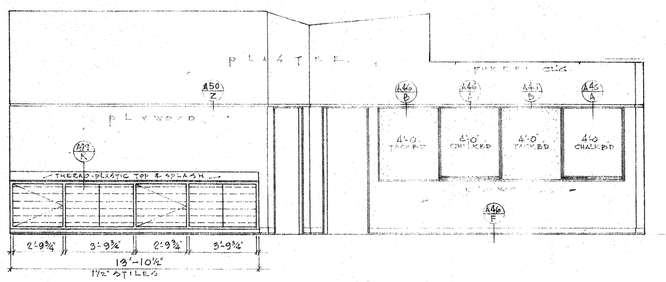

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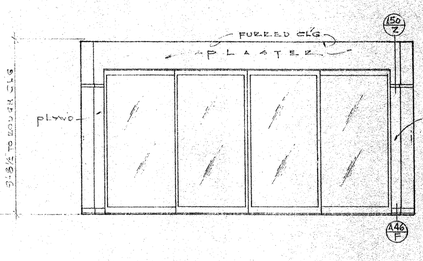

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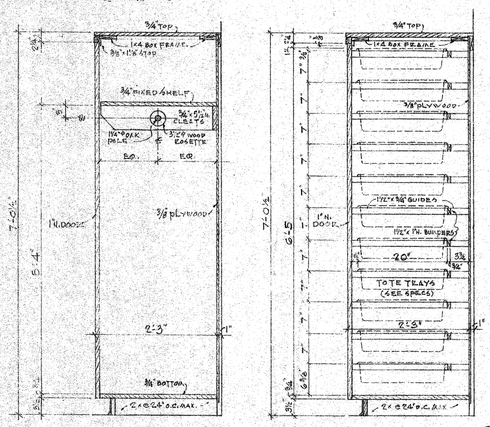
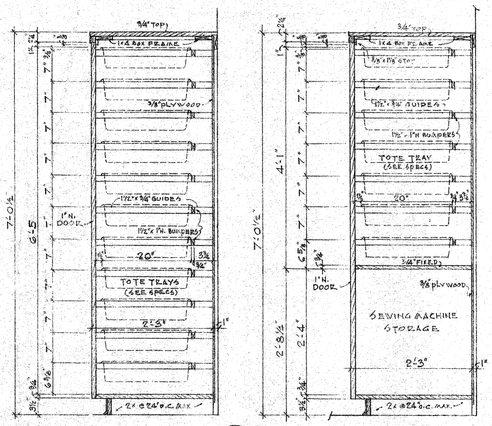
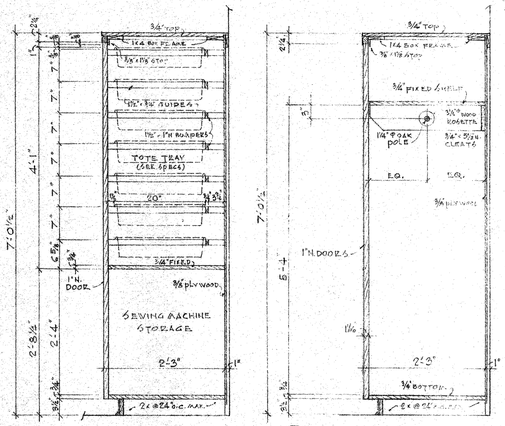


PROJECT STORAGE A55/A

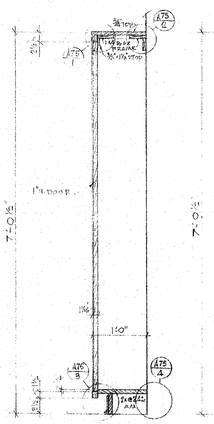


TOTE TRAY STORAGE A55/B

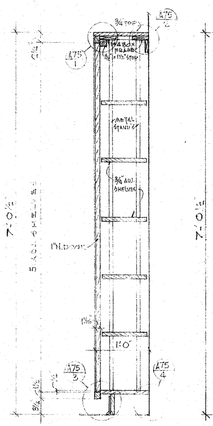


TOTE TRAY & SEWING MACHINE STORAGE A55/C

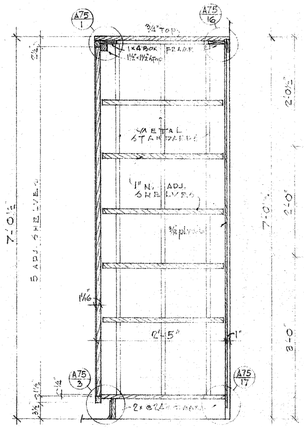
WARDROBE A55/D



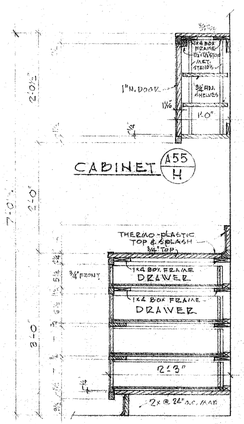
STORAGE A55/E



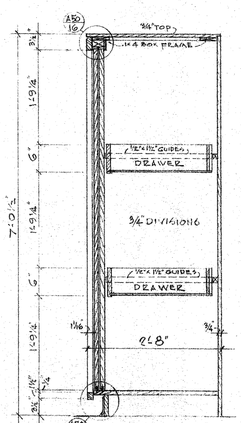
STORAGE A55/F



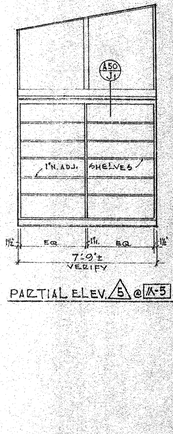
STORAGE A55/G



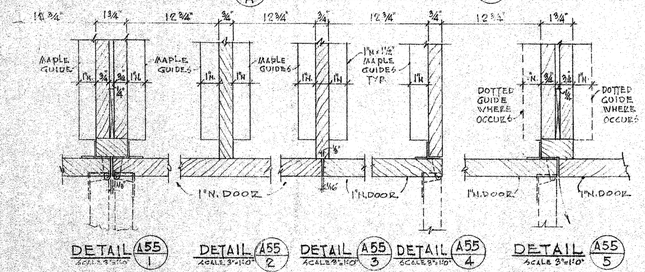
COUNTER A55/J



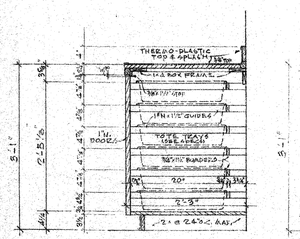
CABINET A55/K



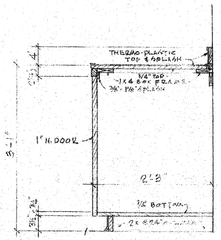
PARTIAL ELEV. 5 @ M-5



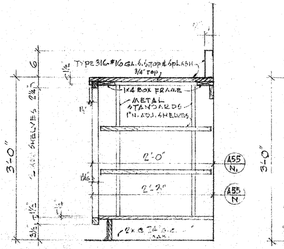
DETAIL A55/1 · DETAIL A55/2 · DETAIL A55/3 · DETAIL A55/4 · DETAIL A55/5



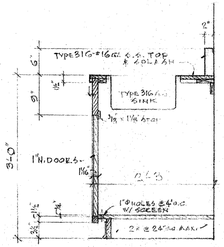
TOTE TRAY STORAGE A55/L



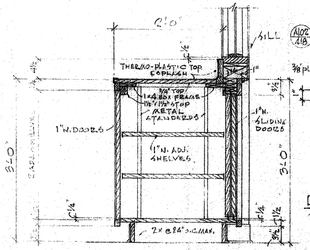
SEWING MACHINE STORAGE A55/M



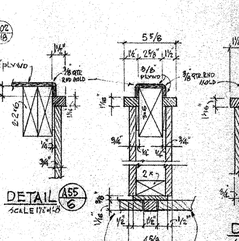
COUNTER A55/N · A55/N1



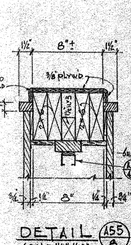
COUNTER A55/P



COUNTER A55/K



DETAIL A55/6



DETAIL A55/7 · DETAIL A55/8

SCALE 3/4"=1'-0" UNLESS NOTED OTHERWISE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

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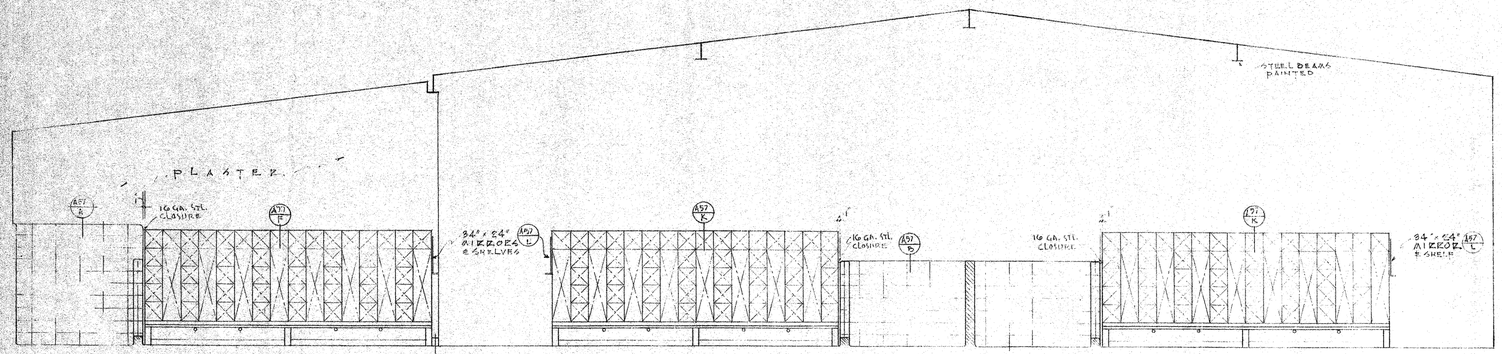
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17383
APPROVED JAN 5 1959
BY E. Maag DSA
FIELD ENGINEER STRUCTURAL & MECHANICAL

INTERIOR ELEVATIONS UNIT "M" & DETAILS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.S.
JOB NO. 56-71

SHEET NO. A55
OF 248 SHEETS

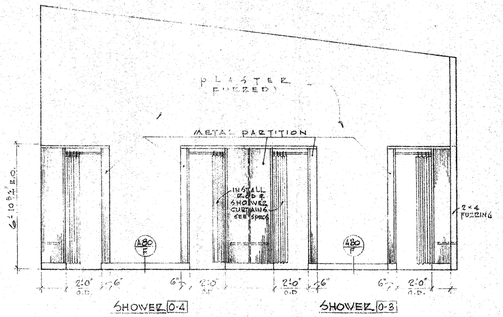


8 - 12" x 15" x 48" STREET LOCKERS (B.C.)
48 - 12" x 15" x 12" BOX LOCKERS C.I.C.

16 - 12" x 15" x 48" STREET LOCKERS (I.C.)
96 - 12" x 15" x 12" BOX LOCKERS (I.C.)

16 - 12" x 15" x 48" STREET LOCKERS (I.C.)
96 - 12" x 15" x 12" BOX LOCKERS (I.C.)

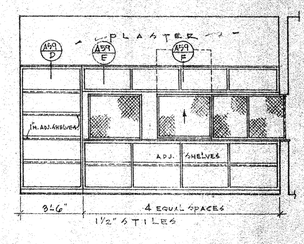
NORTH SHOWER & LOCKER ROOM 0-1



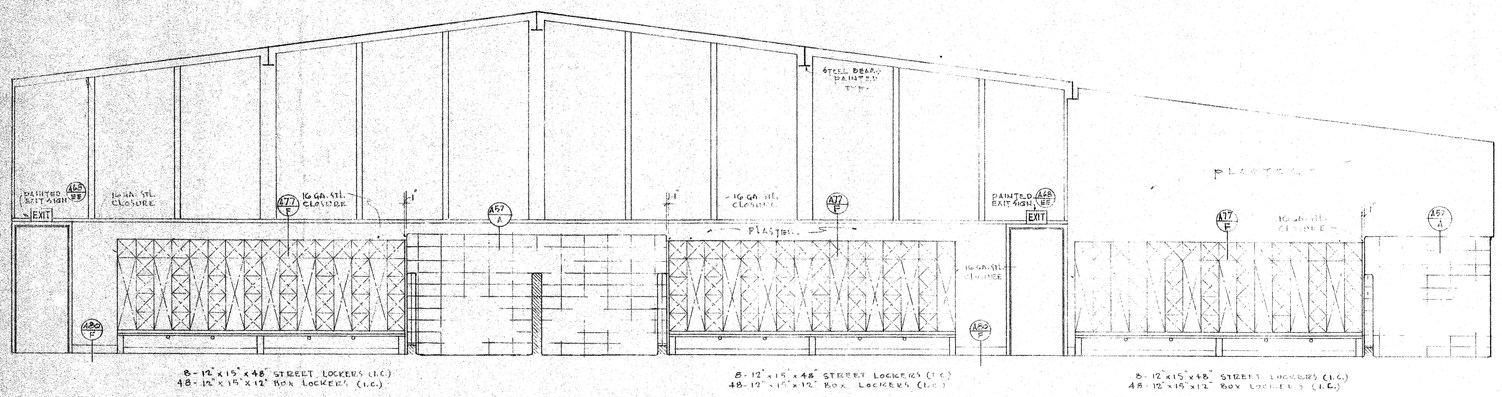
SHOWER 0-4 SHOWER 0-3

SOUTH CORRECTIVE AREA 0-2

INSTALL SHOWER CURTAIN ROD SEE SPECS.



SOUTH EQUIPMENT & TOWELS 0-9



8 - 12" x 15" x 48" STREET LOCKERS (I.C.)
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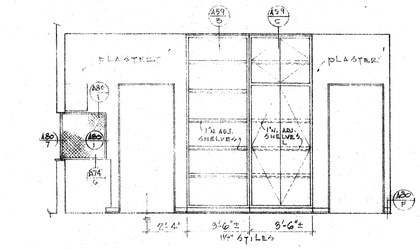
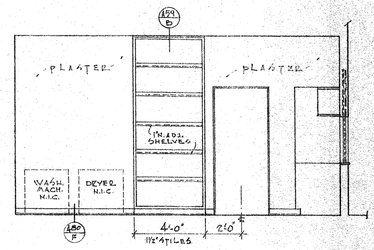
48 - 12" x 15" x 12" BOX LOCKERS (I.C.)

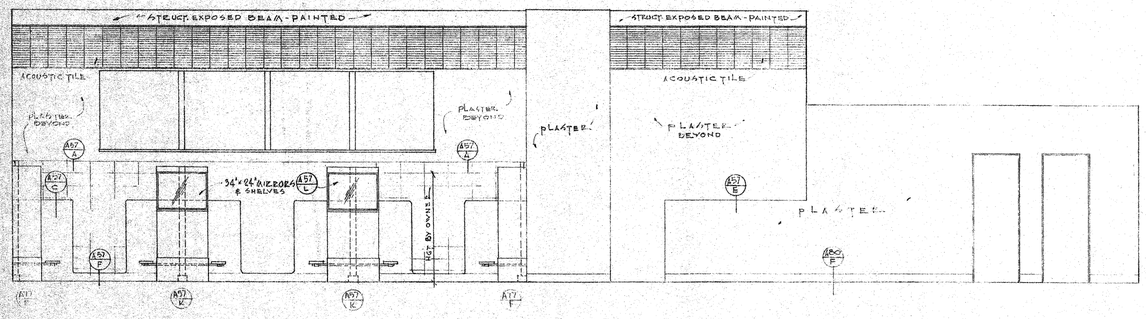
SOUTH SHOWER & LOCKER ROOM 0-1



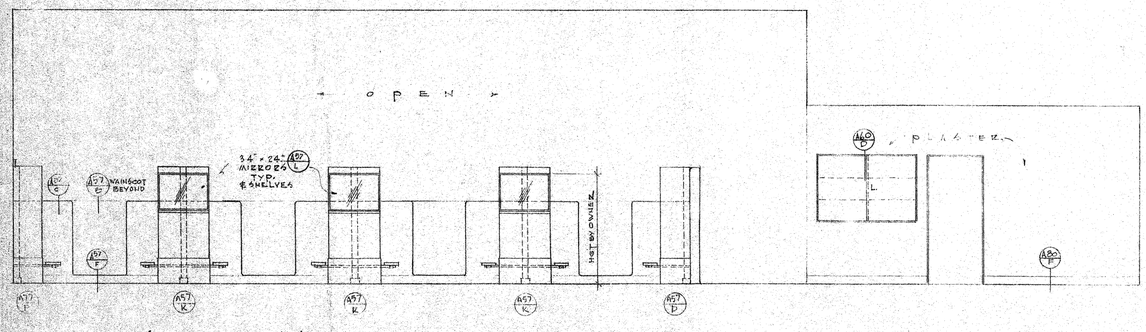
WEST EQUIPMENT & TOWELS 0-9



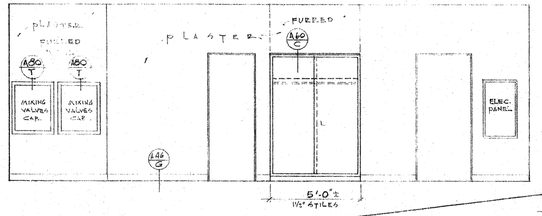
EAST



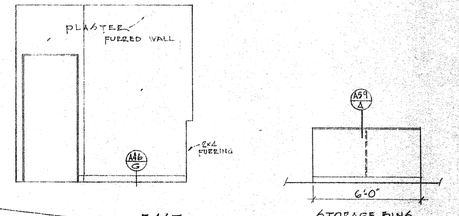
WEST SHOWER & LOCKER ROOM 0-1



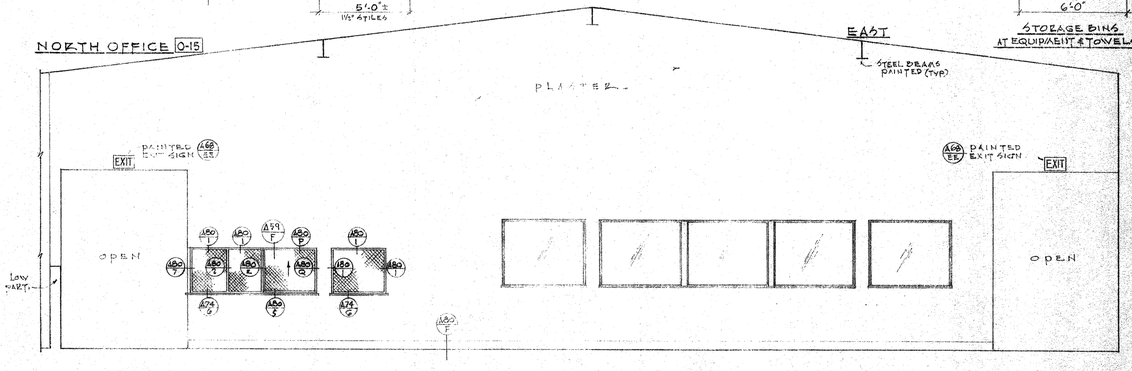
ENTRY 0-16



ENTRY 0-7



STORAGE BINS AT EQUIPMENT & TOWELS 0-9



NORTH SHOWER & LOCKER ROOM 0-1

Scale ½"=1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

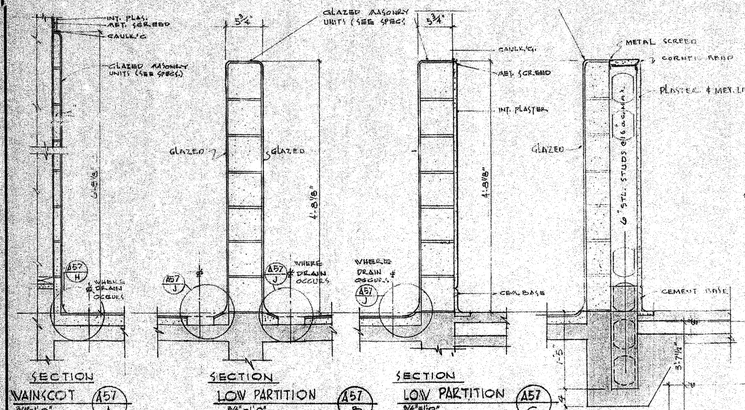
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 17 H-1
APPROVED JAN 5 1959
By E Maag
DISTRICT ARCHITECTURAL SUPERVISOR

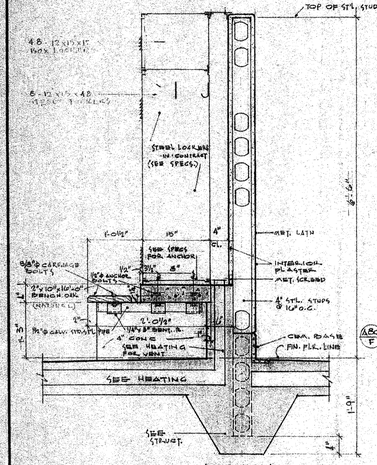
INTER-102 ELEVATIONS UNIT "O"

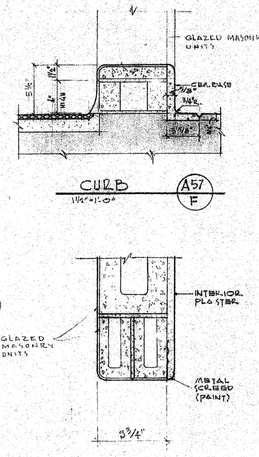
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

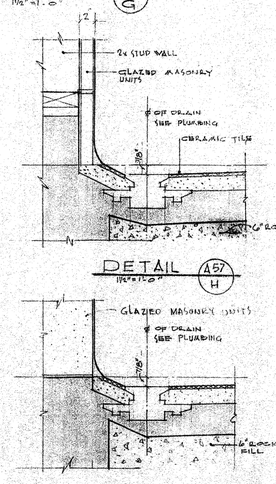
DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.S.
JOB NO. 56-71

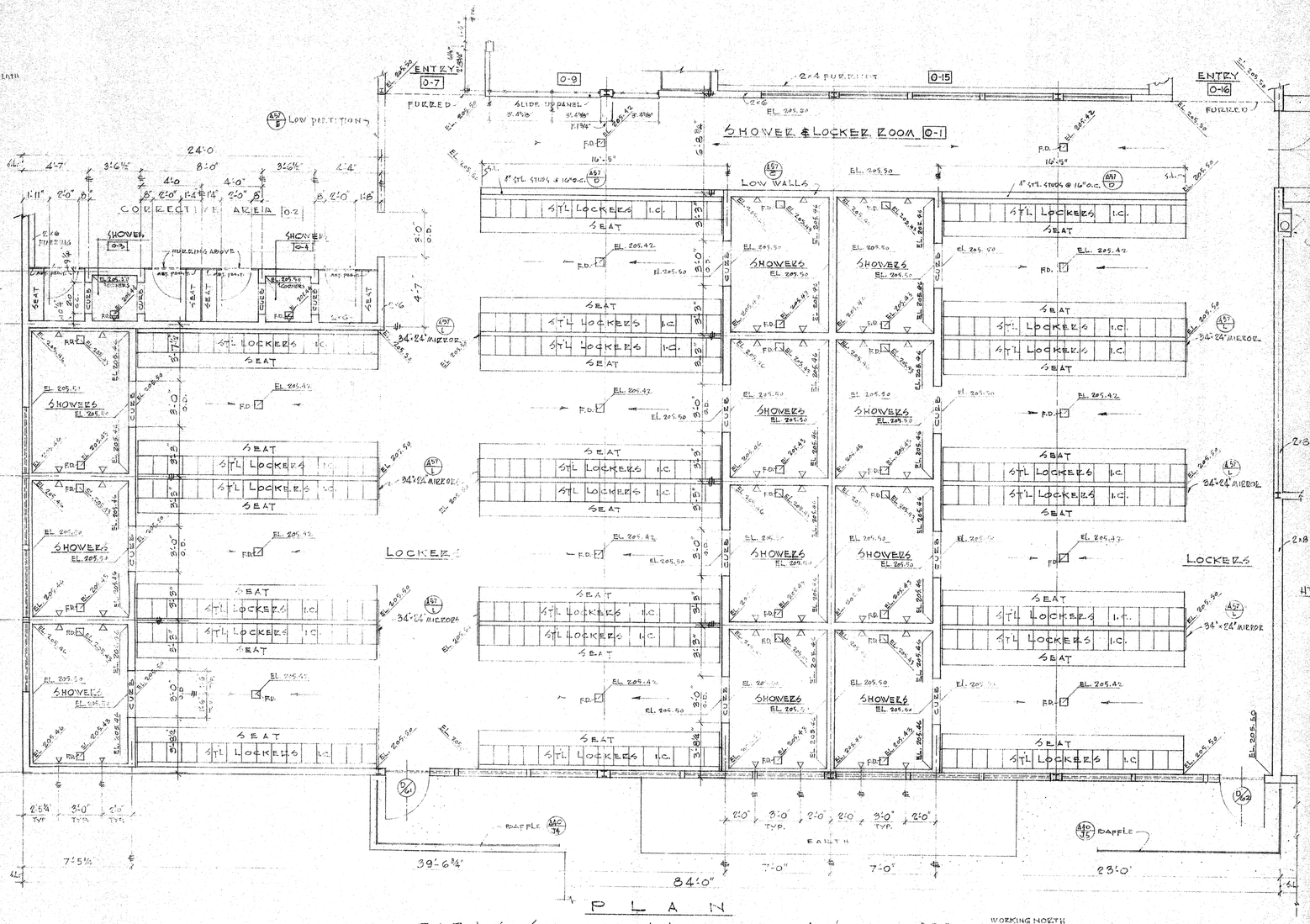
SHEET NO. A56
OF 248 SHEETS





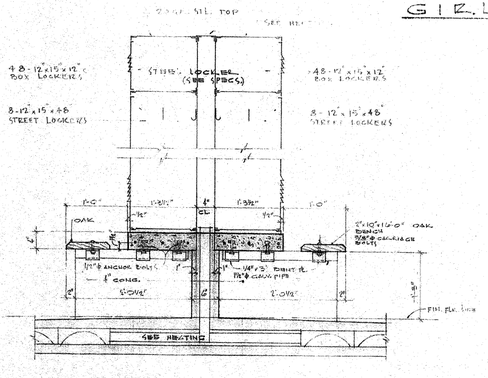


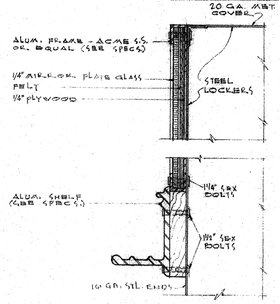


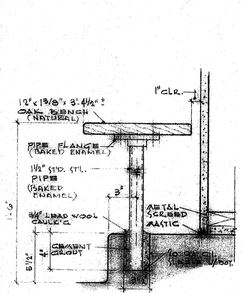


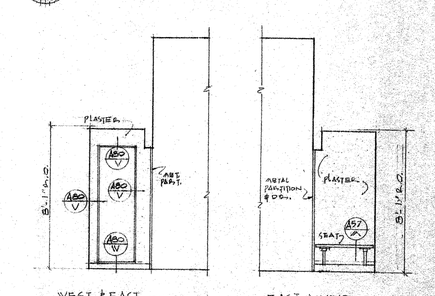
NOTE: FOR INTERIOR ELEVATIONS & DETAILS SEE SHEETS A56 - A57 - A59 - A60 - A80

R.M. 0-1 - 105 @ 12"x15"x12" BOX LOCKERS
R.M. 0-1 - 170 @ 12"x15"x48" STREET LOCKERS









WORKING NORTH

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT / STRUCTURAL ENGINEER	MECHANICAL ENGINEER	
	ELECTRICAL ENGINEER	
	CIVIL ENGINEER	

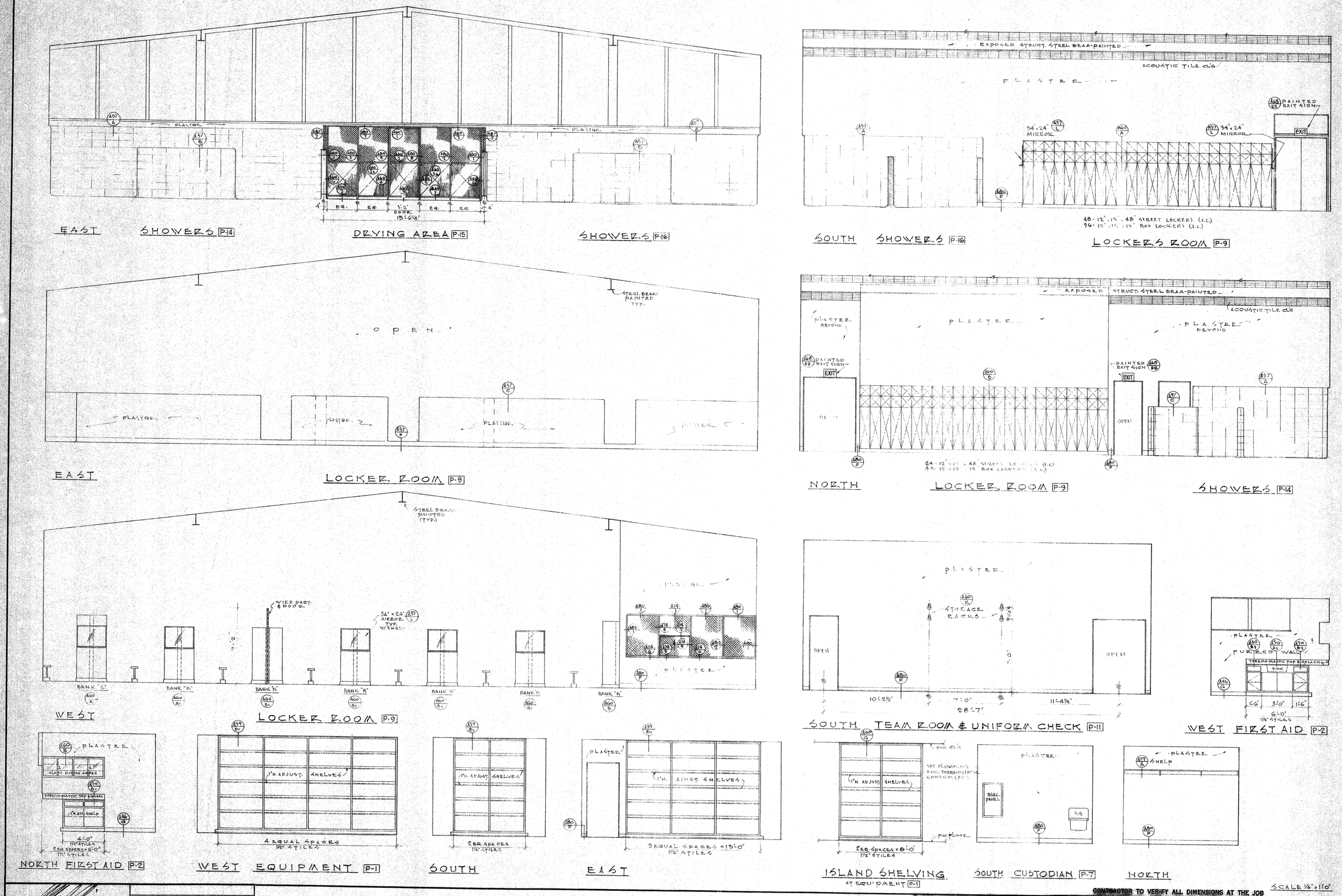
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 17883 APPROVED JAN 5 1959 For E. Macy DSA
COMMERCIAL EDUCATIONAL FACILITY

¼" PLAN - SHOWER AREA UNIT "O" & DETAILS

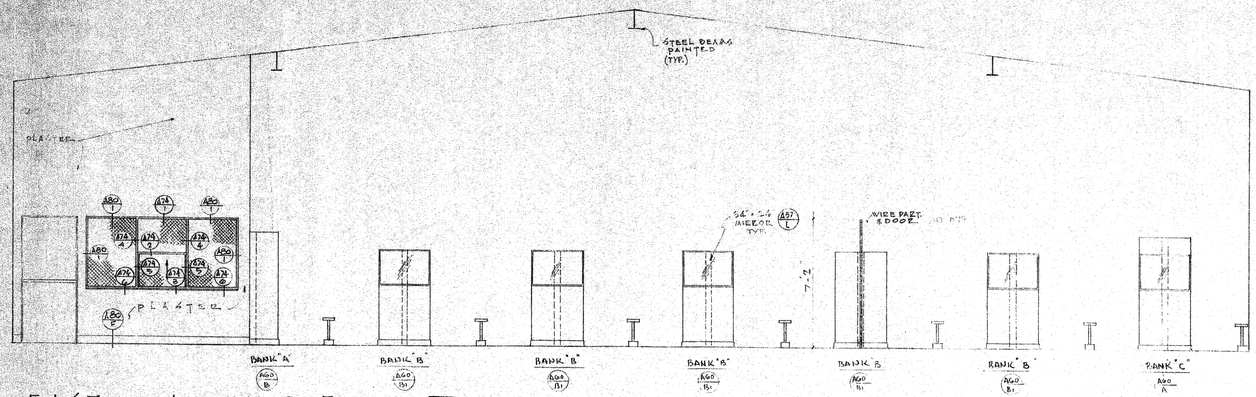
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.S.
JOB NO. 56-71
SHEET NO. A57
OF 248 SHEETS

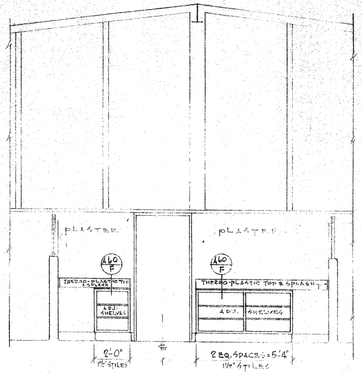


CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

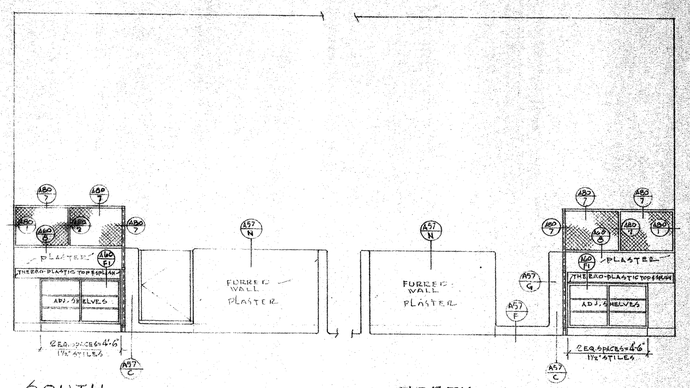
ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17833 APPROVED JAN 5 1959 APPLICATION NO. Per E. Maag PRINCIPAL ASSISTANT ENGINEER	INTERIOR ELEVATIONS UNIT "P" LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	DATE 1-59 DR. BY A.C.V. CHECKED BY C.C.S. JOB NO. 56-71	SHEET NO. A58 OF 245 SHEETS
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER				
	CIVIL ENGINEER				



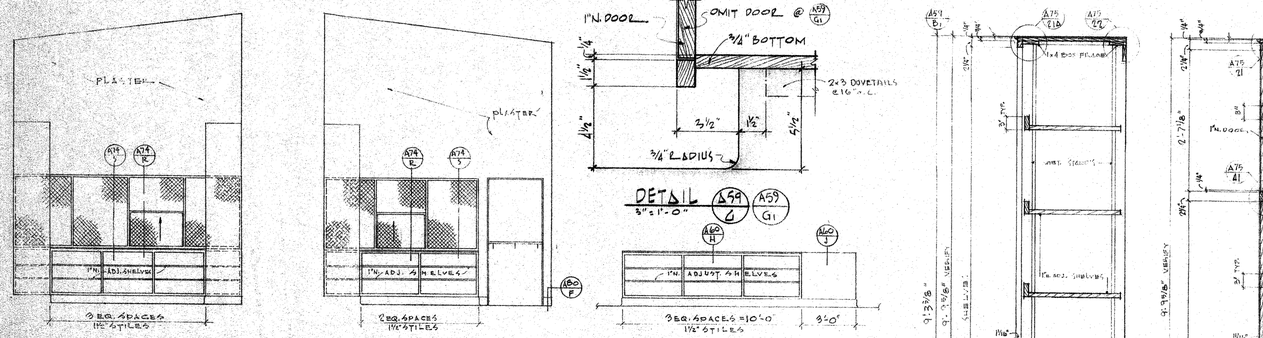
EAST LOCKER ROOM P-9



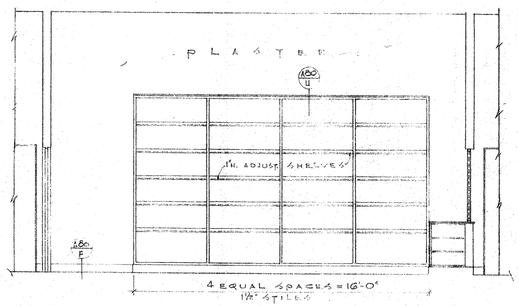
EAST DRYING AREA P-15



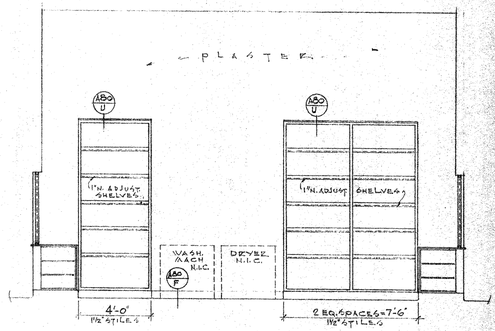
SOUTH NORTH



WEST LOCKER ROOM P-9



NORTH EQUIPMENT ISSUE P-10



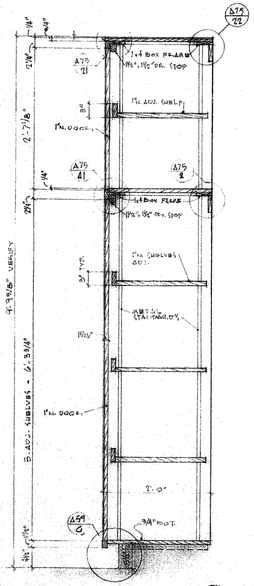
SOUTH

EAST EQUIPMENT ISSUE P-10

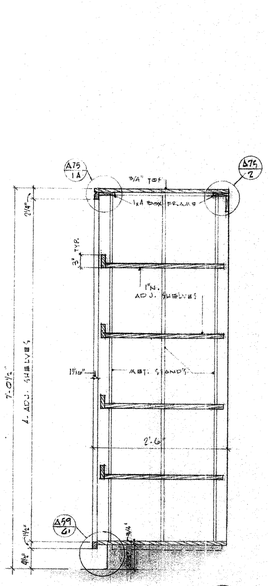
WEST

NORTH SIDE-ISLAND COUNTER AT EQUIPMENT ISSUE P-10

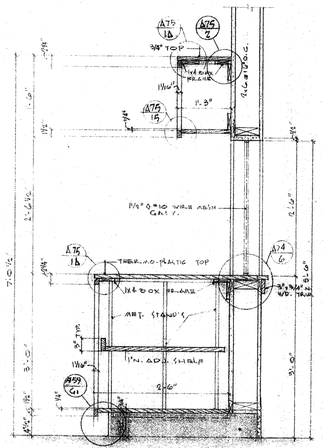
STORAGE A59 B



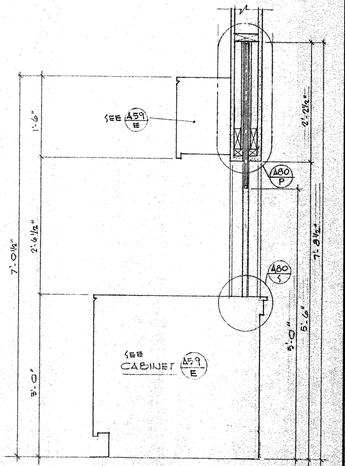
STORAGE A59 C



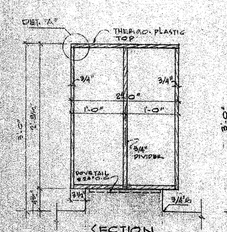
STORAGE A59 D

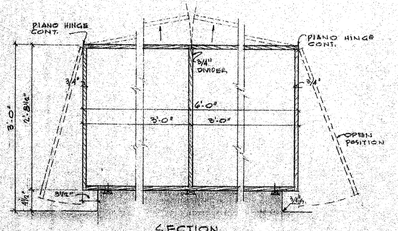


CABINET A59 E

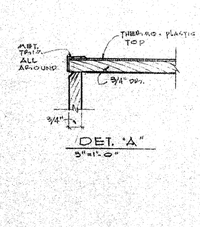


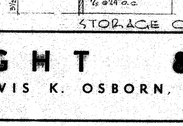
CABINET A59 F





STORAGE BINS A59 A





STORAGE CAB A59 B1

SCALE 1½"=1'-0" UNLESS NOTED OTHERWISE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED
APPLICATION NO. FOR E. Maag
PRINCIPAL ASSISTANT STRUCTURAL ENGINEER

INTERIOR ELEVATIONS UNIT "D" & DETAILS

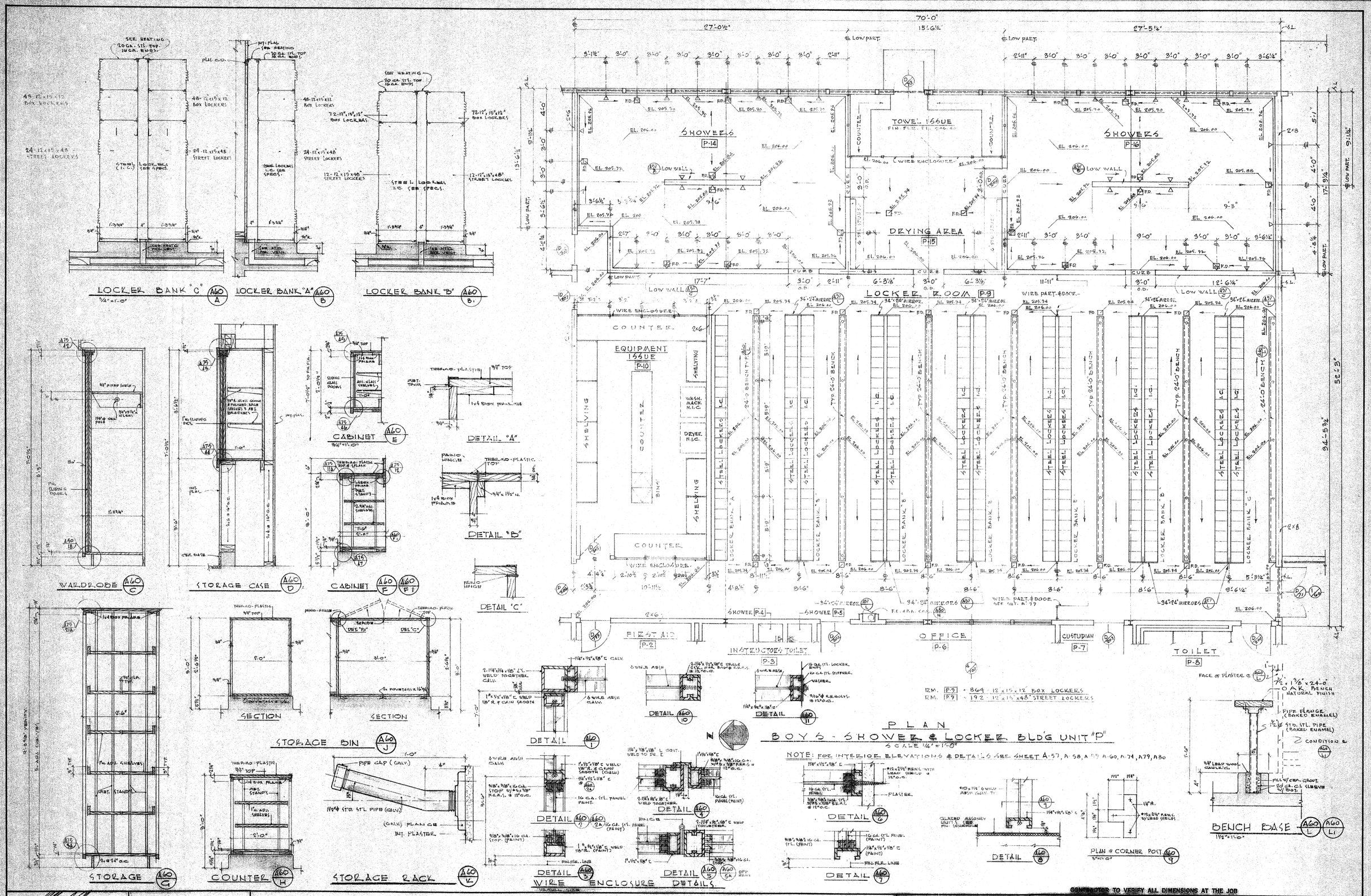
LA MIR. ADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

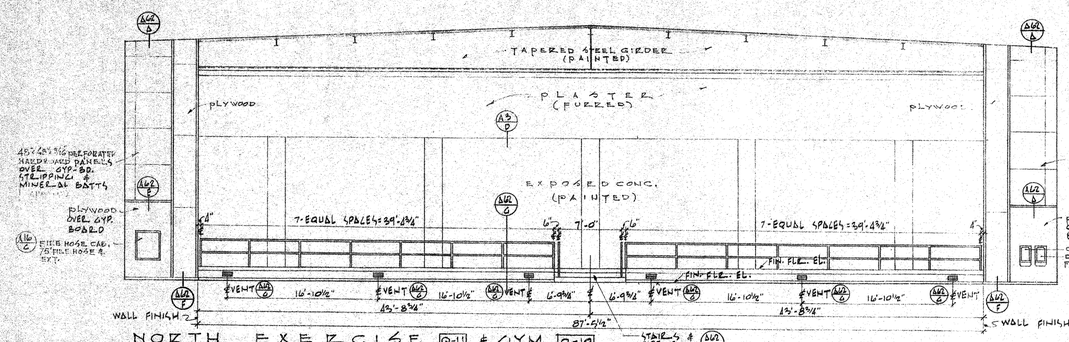
DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.S.
JOB NO. 56-71

SHEET NO. A59

OF 245 SHEETS

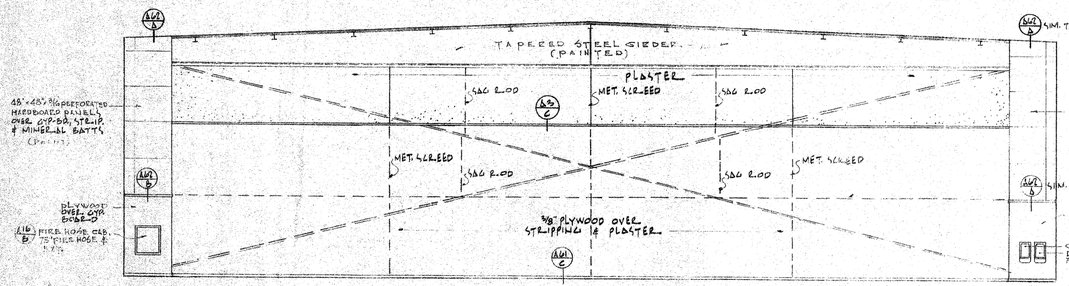


ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17833 APPROVED 1959 APPLICATION NO. Per E. Maag PRINCIPAL ARCHITECTURAL ENGINEER	1/4" PLAN - SHOWER AREA UNIT "P" & DETAILS LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK CALIFORNIA	DATE 1-59 DR. BY A.C.V. & J.R. CHECKED BY C.C.S. JOB NO. 56-71
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER				SHEET NO. A60 OF 248 SHEETS
	CIVIL ENGINEER				



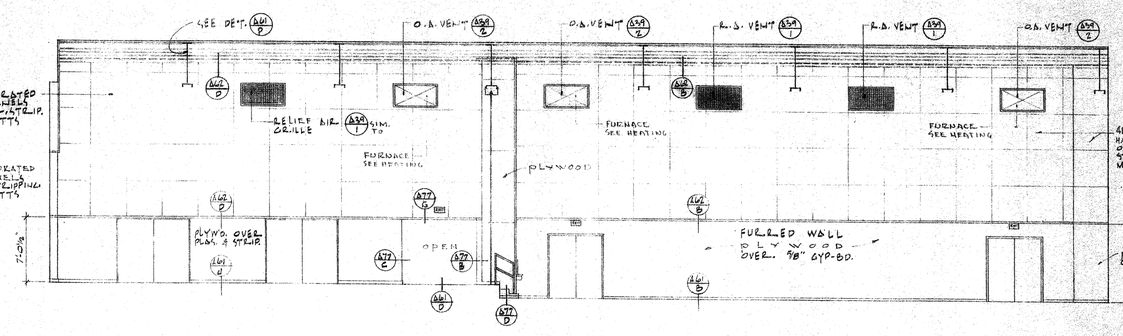
NORTH EXERCISE Q-11 & GYM Q-10

SCALE 1/8"=1'-0"



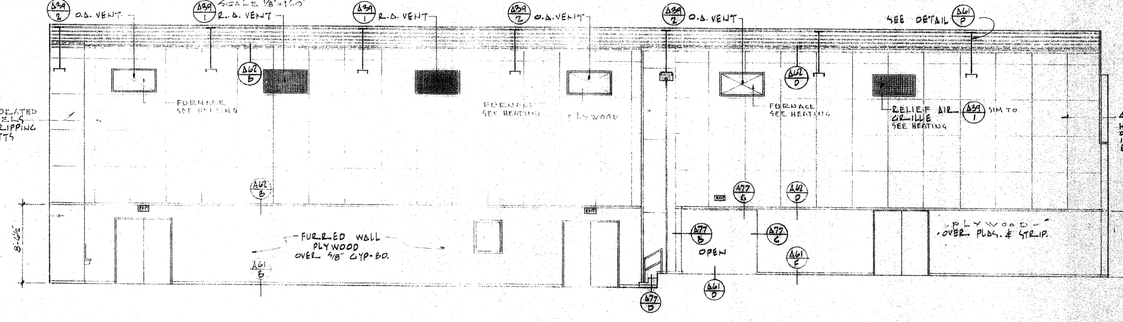
SOUTH GYMNASIUM Q-10

SCALE 1/8"=1'-0"



EAST EXERCISE Q-11

SCALE 1/8"=1'-0"

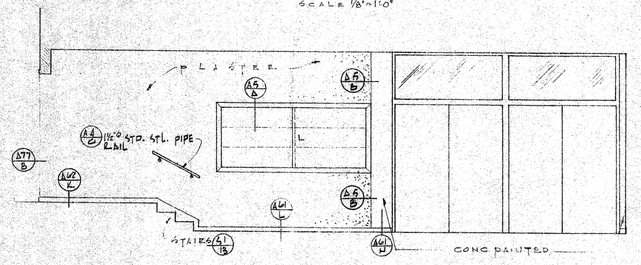


GYMNASIUM Q-10

SEE DETAIL

WEST GYMNASIUM Q-10

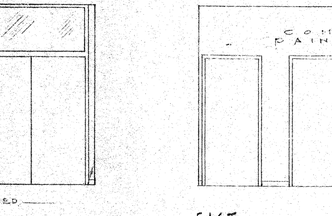
SCALE 1/8"=1'-0"



SOUTH-ENTRY Q-8 FOYER Q-1

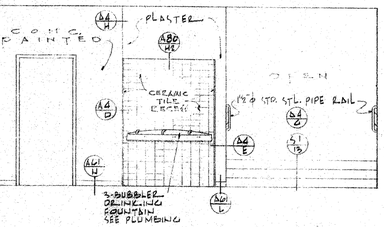
RESILIENT FLR. CONSTRUCTION A61/A

RESILIENT FLR. CONSTRUCTION A61/B

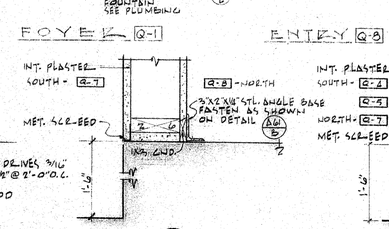


RESILIENT FLR. CONSTRUCTION A61/C

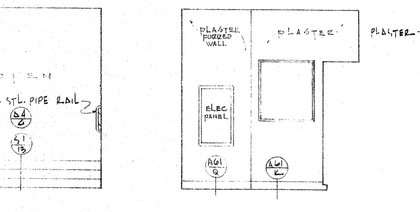
DETAIL A61/D



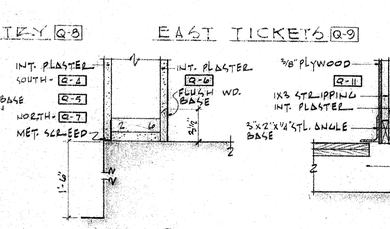
DETAIL A61/E



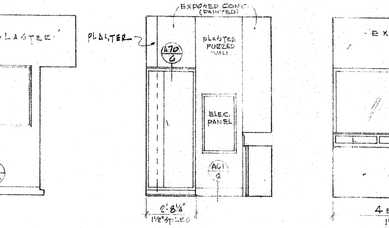
DETAIL A61/B



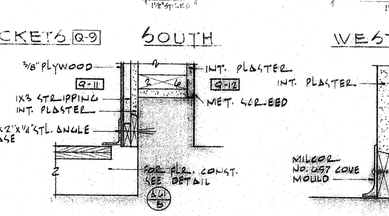
DETAIL A61/G



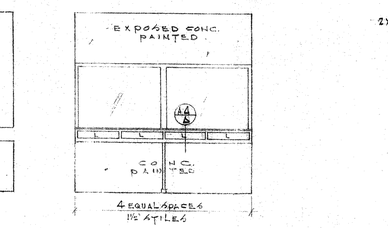
DETAIL A61/H



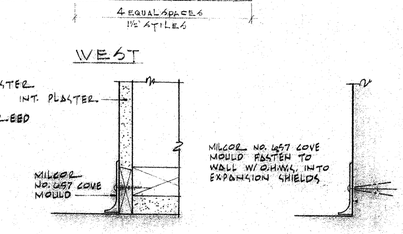
DETAIL A61/J



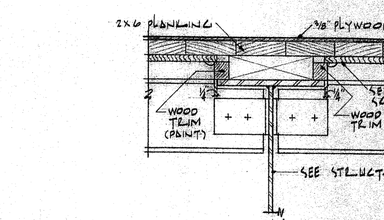
DETAIL A61/K



BASE A61/L

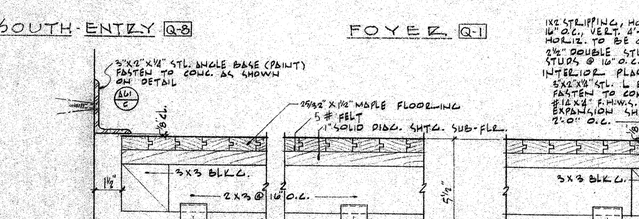


BASE A61/N

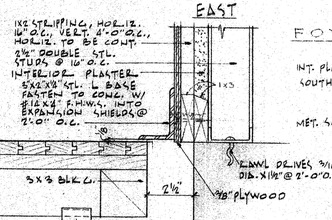


TYPICAL

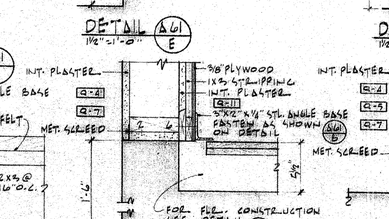
CEILING TRIM @ GIRDERS A61/P



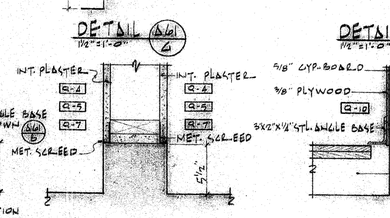
RESILIENT FLR. CONSTRUCTION A61/B



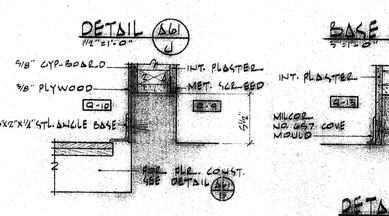
DETAIL A61/D



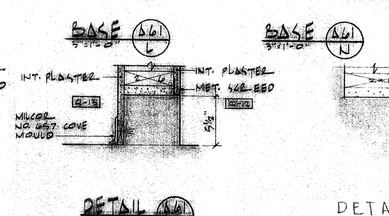
DETAIL A61/F



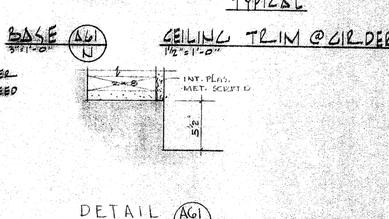
DETAIL A61/H



DETAIL A61/K



DETAIL A61/M



DETAIL A61/Q

SCALE ½"=1'-0" UNLESS NOTED OTHERWISE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

L-Lack

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. 1285

APPROVED JAN 5 - 1959

BY E Maag DC

INTERIOR ELEVATIONS, UNIT "Q" & DETAILS

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE 1-59

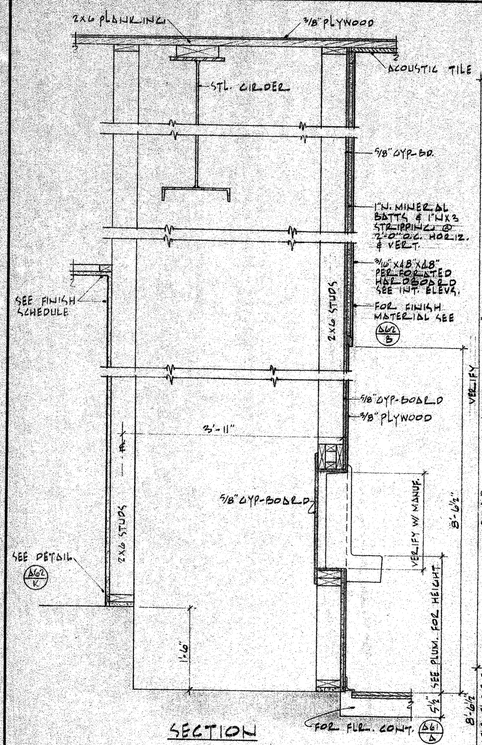
DR. BY A.C.V. & F.M.

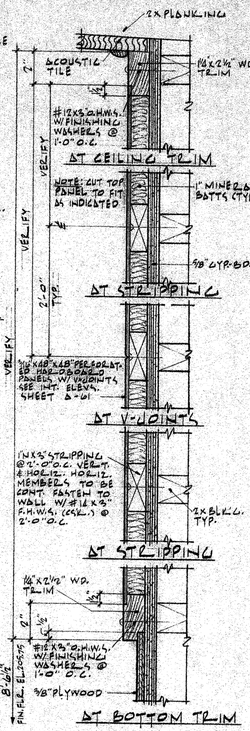
CHECKED BY C.C.S.

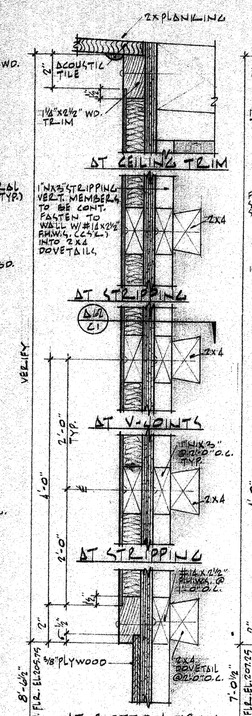
JOB NO. 56-71

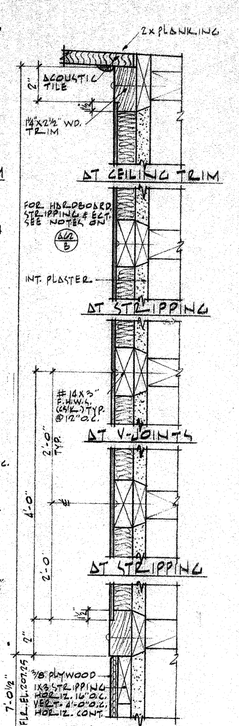
SHEET NO. A 61

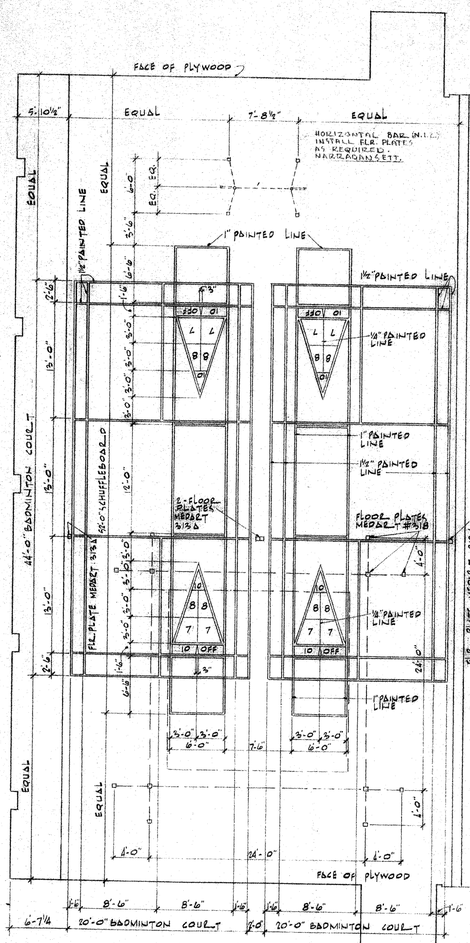
OF 148 SHEETS

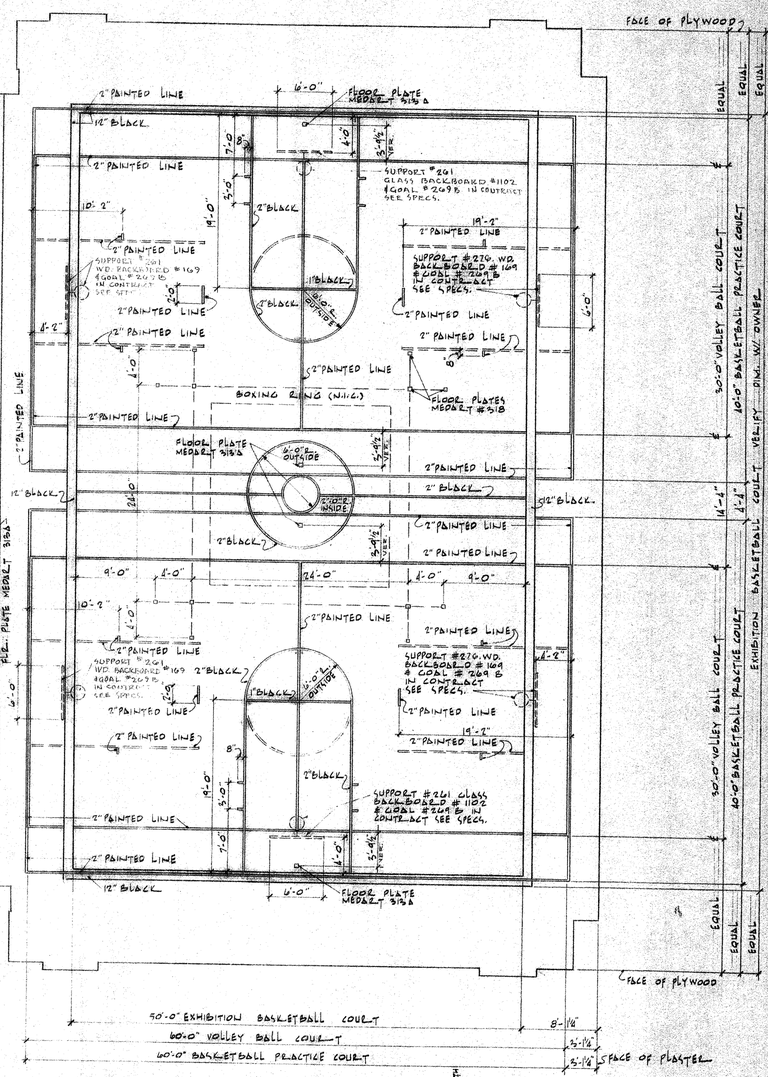


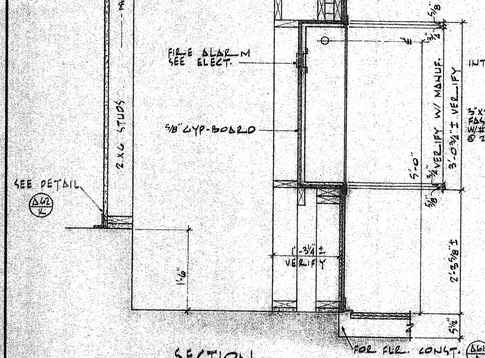


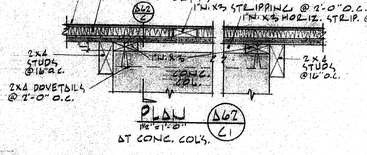


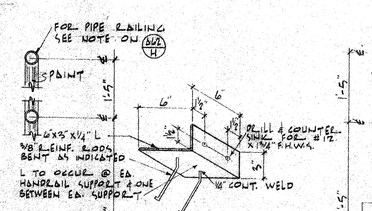


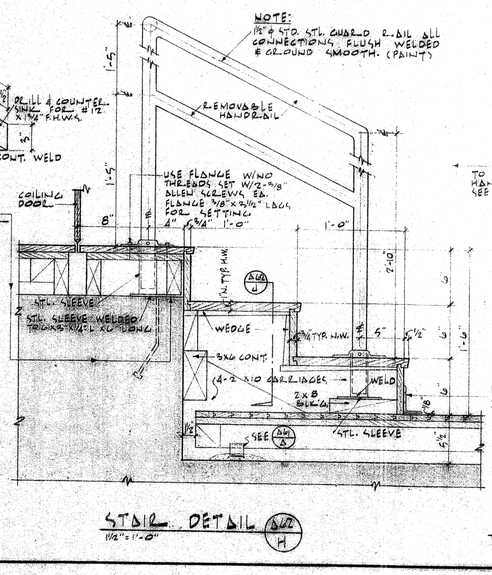


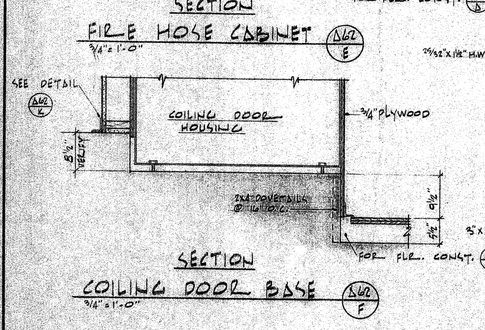


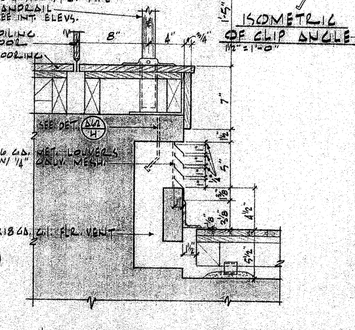












NOTES:

1. ALL COURT DIMENSIONS TO BE IN ACCORDANCE W/ THE INDUSTRIAL RECREATION ASSOCIATIONS MANUAL FOR STANDARD SPORTS AREAS.
2. INSTALL ADEQUATE BLOCKING AT ALL FLOOR PLATES.
3. ALL BASKETBALL BACKBOARDS & GOALS SHALL BE BY "MEDART".
4. COLOR OF FLOOR LINES SHALL BE DETERMINED BY THE OWNER.
5. INSTALL FLR. PLATES FOR 1 ADDITIONAL HORIZONTAL BAR IN GYM. (A19) VERIFY LOCATION WITH OWNER. (MARZ/RONNETT ET.)

COURT DIMENSIONS

BASKETBALL	
EXHIBITION COURT	50'-0" x VERIFY W/OWNER
PRACTICE COURT	40'-0" x 60'-0"
VOLLEY-BALL	
MAIN FLOOR COURTS	30'-0" x 60'-0"
BADMINTON	
SINGLES	17'-0" x 44'-0"
DOUBLES	20'-0" x 44'-0"
SHUFFLEBOARD	
PLATFORM	6'-0" x 52'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

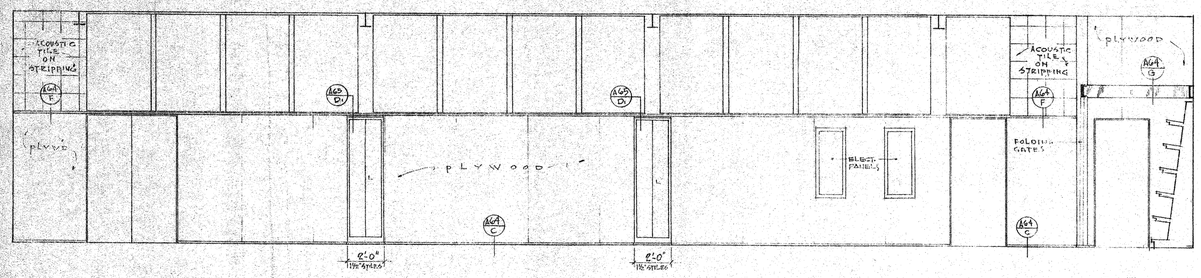
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
17813 APPROVED JAN 3 1969

INTERIOR DETAILS

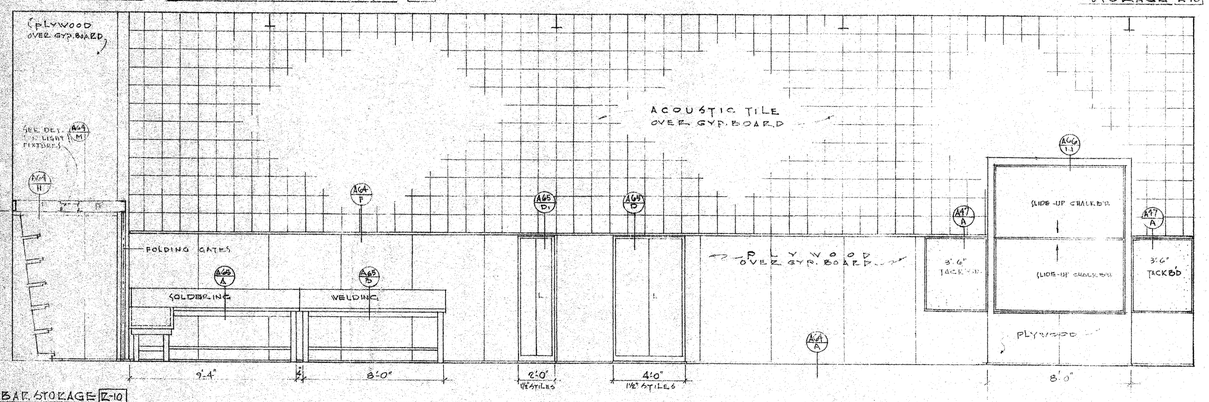
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-69
DR. BY D.L.W.
CHECKED BY C.C.S.
JOB NO. SC-71

SHEET NO. A62
OF 248 SHEETS



NORTH MACHINE SHOP E-9

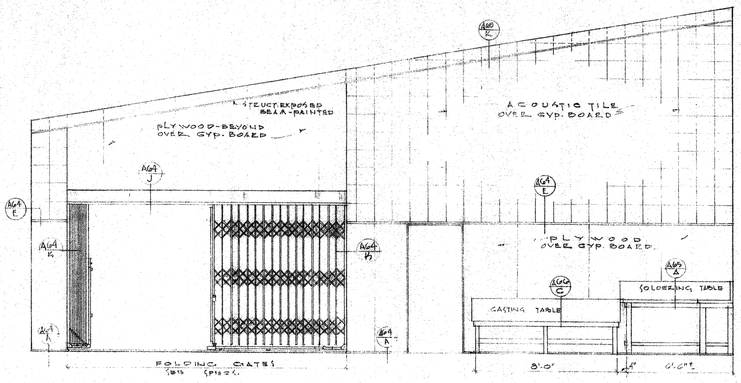


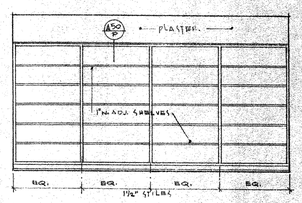
BAR STORAGE E-10

SOUTH MACHINE SHOP E-9

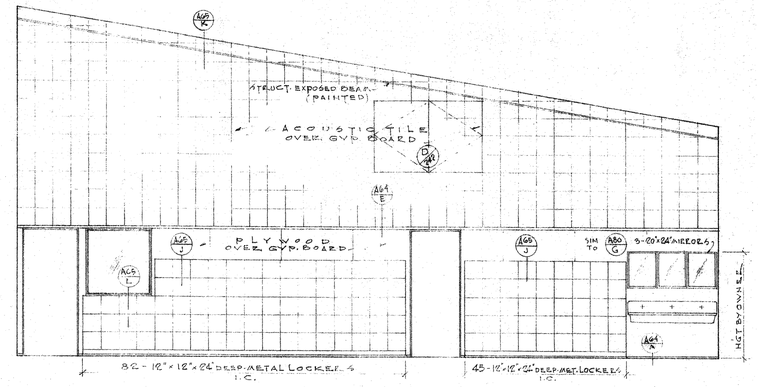
BAR STORAGE E-10

EAST

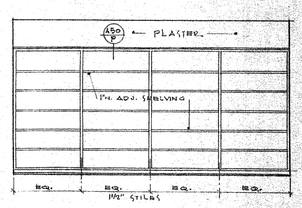




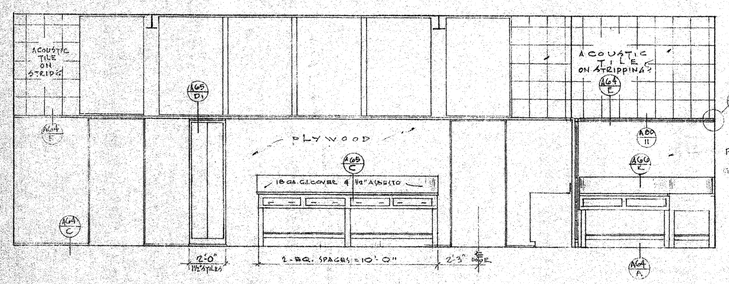
NORTH PROJECT STORAGE E-17



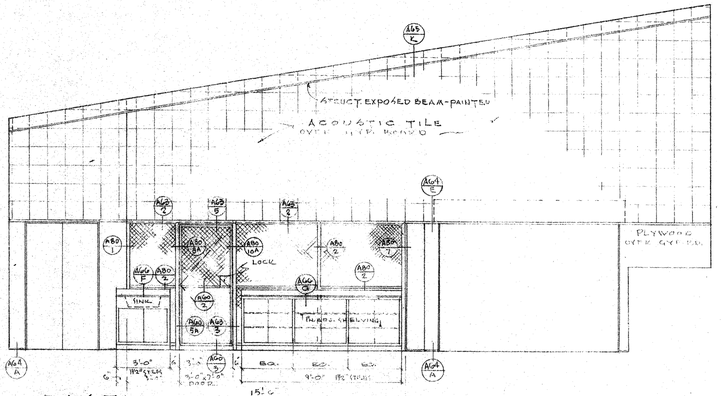
WEST



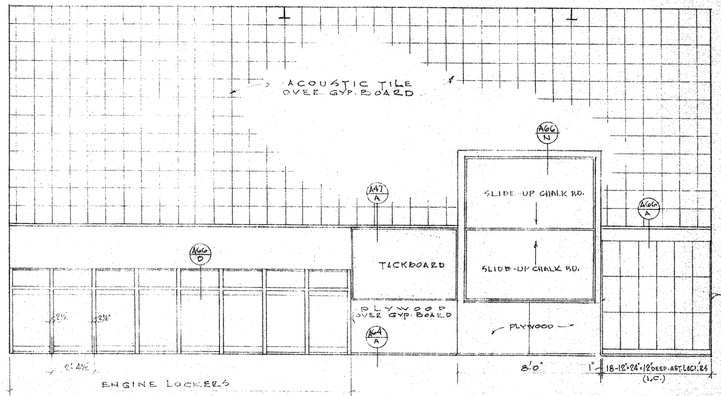
SOUTH PROJECT STORAGE E-17



NORTH AUTO-SHOP E-21

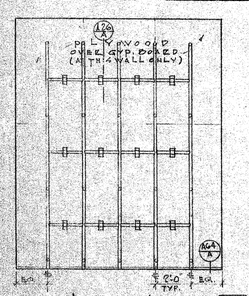


EAST

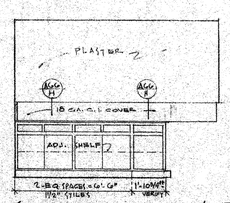


SOUTH

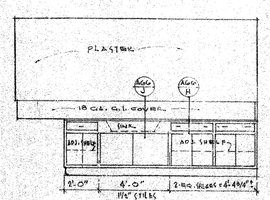
FOR WEST INT. ELEVATION SEE SHEET A-64



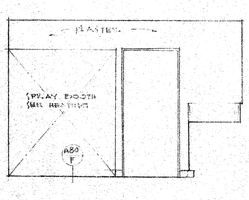
NORTH LUMBER STORAGE E-12



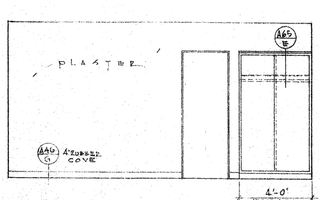
SOUTH FINISHING R.M. E-14



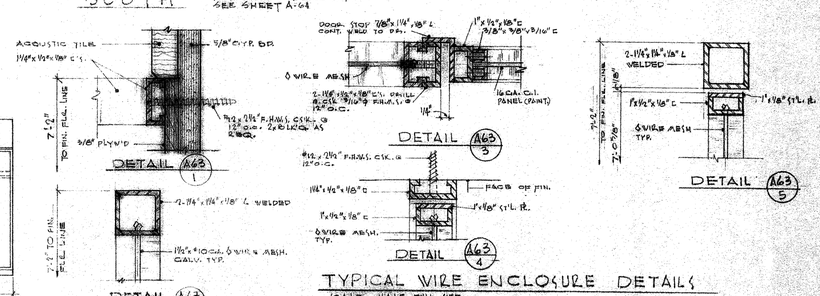
EAST



NORTH



WEST OFFICE E-24



TYPICAL WIRE ENCLOSURE DETAILS

SCALE HALF-FULL SIZE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. 17828

APPROVED JAN 5 1959

Per E. Mauz

PRINCIPAL ARCHITECTURAL ENGINEER

INTERIOR ELEVATIONS - SHOP BLDG UNIT "C"

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59

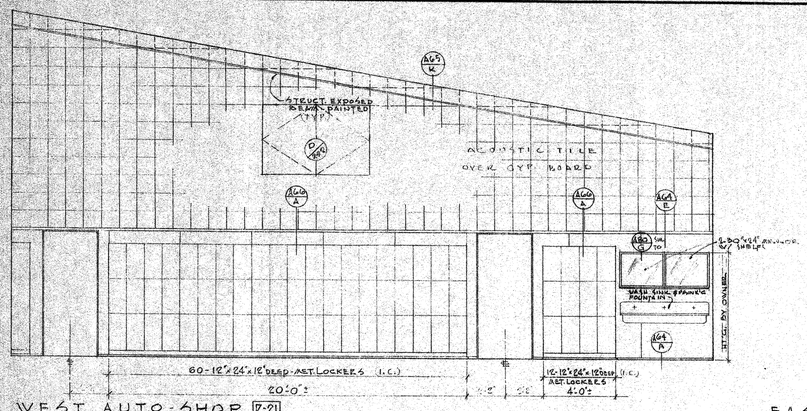
DR. BY A.C.V.

CHECKED BY C.C.S.

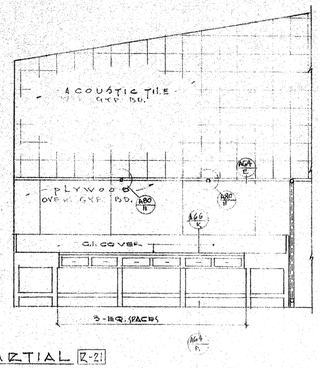
JOB NO. 56-71

SHEET NO. A63

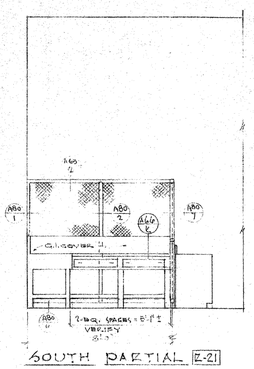
OF 248 SHEETS



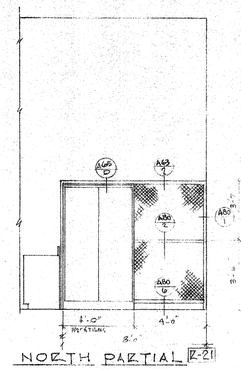
WEST AUTO-SHOP R-21



EAST PARTIAL R-21



SOUTH PARTIAL R-21



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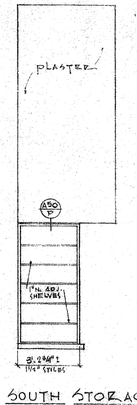
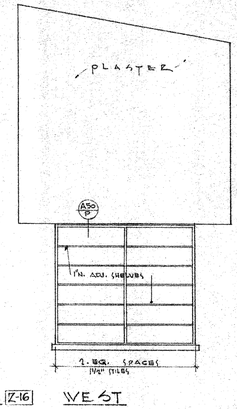


SOUTH STORAGE R-16



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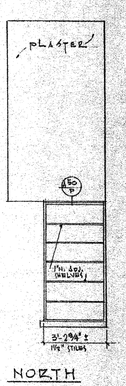
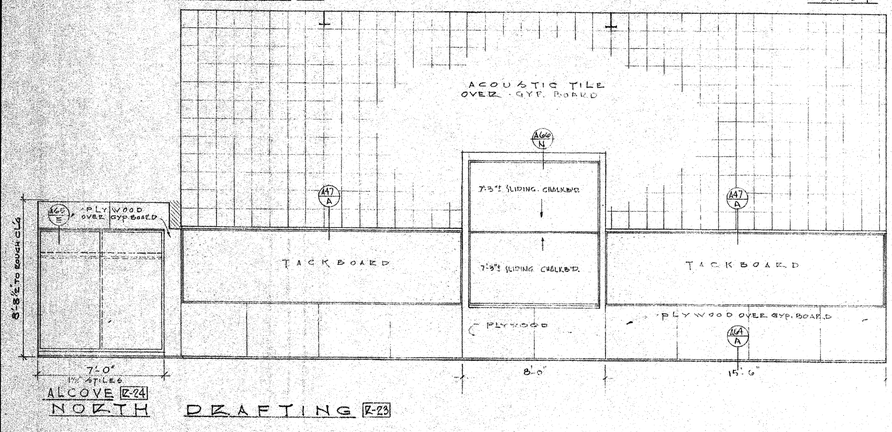
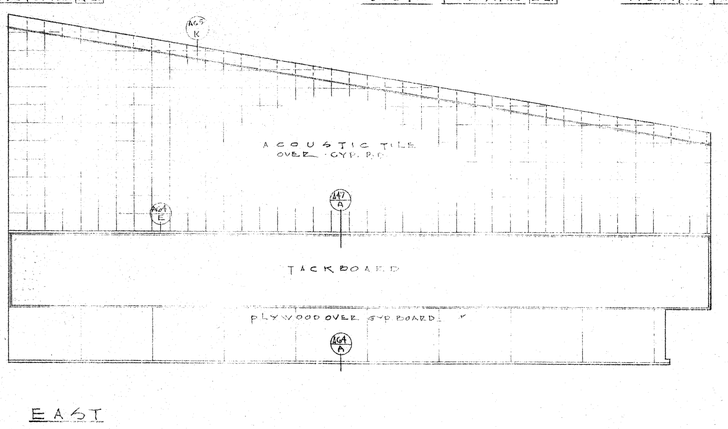


NORTH



ALCOVE R-24
NORTH DRAFTING R-23



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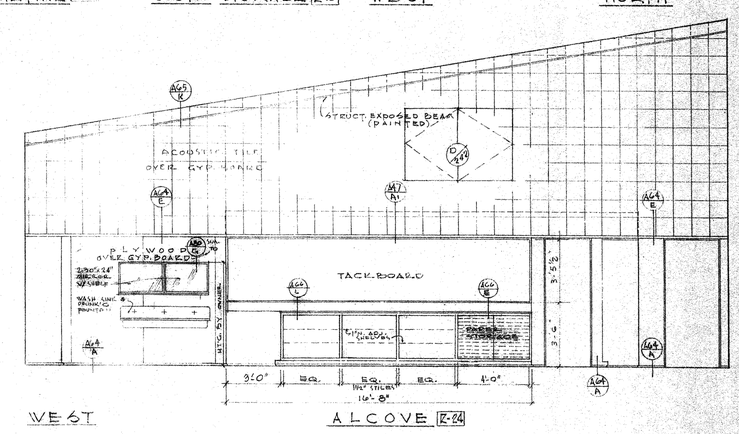
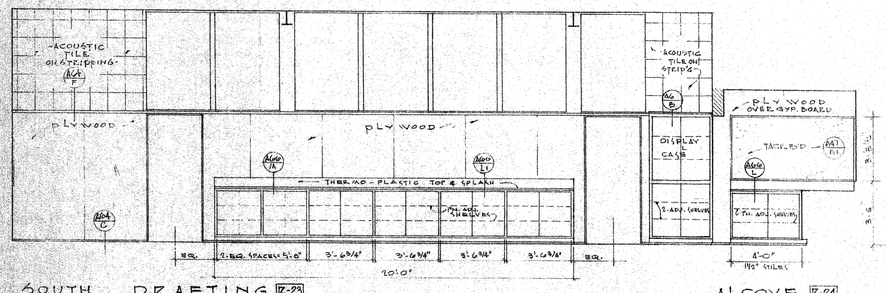
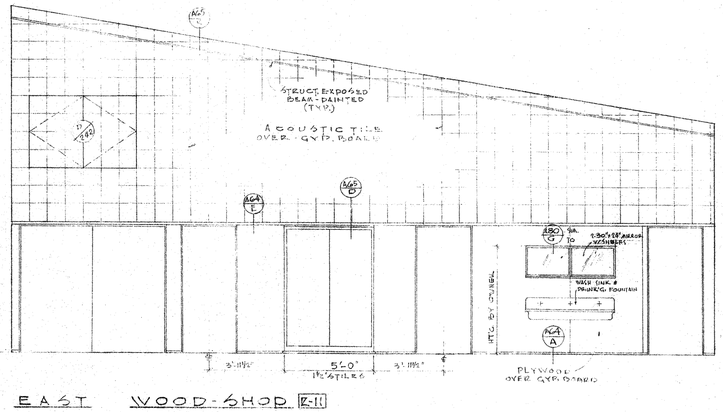


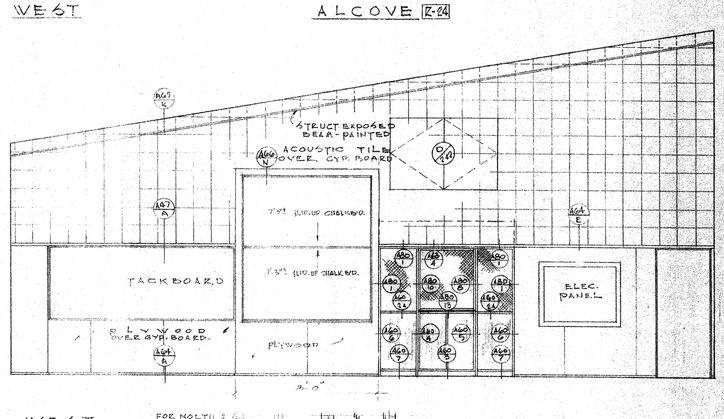
WEST ALCOVE R-24



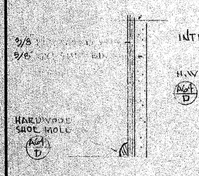
SOUTH DRAFTING R-23



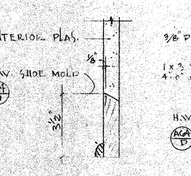
EAST WOOD-SHOP R-11



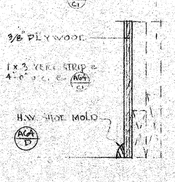
WEST



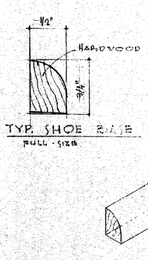
BASE 3"=1'-0" AG4 A



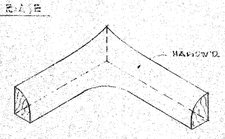
BASE 3"=1'-0" AG4 B



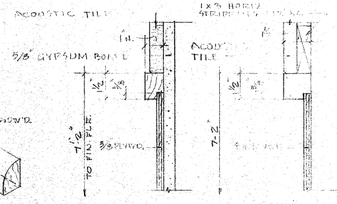
BASE 3"=1'-0" AG4 C AG4 C1
OCCURS AT NORTH WALL R-12



TYP. SHOE BASE
FULL SIZE

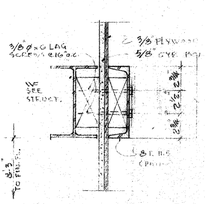


COVE WEB SHOE AG4 D
½ FULL SIZE

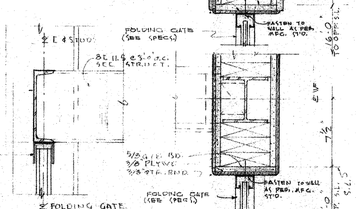


DETAIL 3"=1'-0" AG4 E

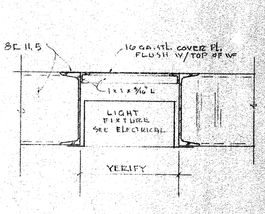
DETAIL 3"=1'-0" AG4 F



DETAIL 1½"=1'-0" AG4 G
DETAIL 1½"=1'-0" AG4 H



DETAIL 1½"=1'-0" AG4 J
DETAIL 1½"=1'-0" AG4 K



DETAIL 1½"=1'-0" AG4 M

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB
SCALE: ¼"=1'-0" EXCEPT WHERE NOTED

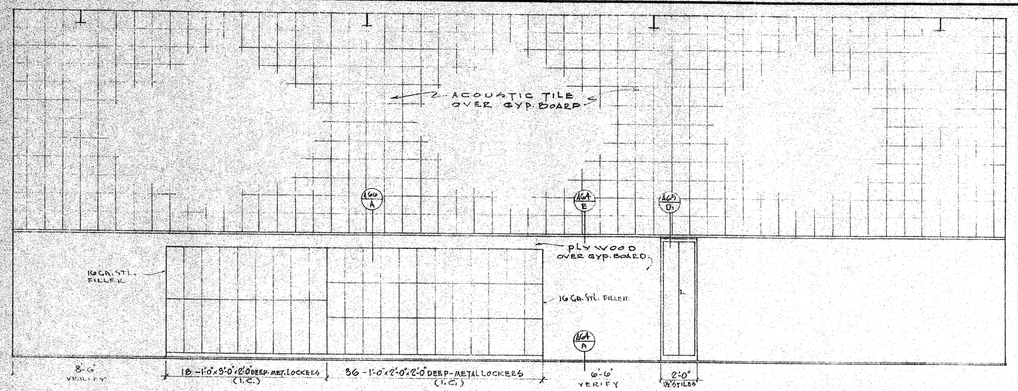
ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

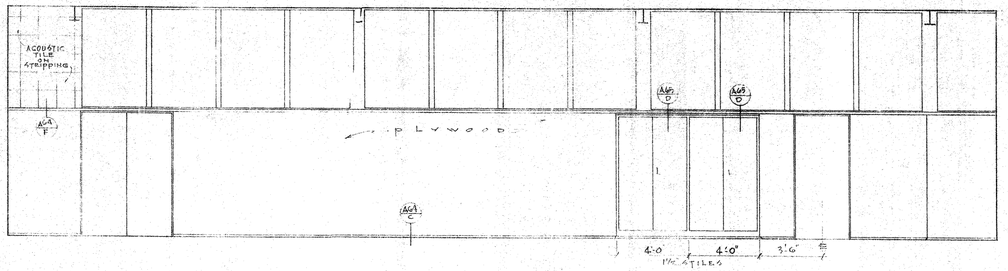
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17838 APPROVED JAN 8 1959
Per E. Maag DSE
DATE OF CERTIFICATION

INTERIOR ELEVATIONS · SHOP BLDG. UNIT "2"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

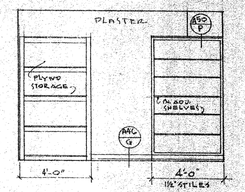
DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.S.
JOB NO. 520-71
SHEET NO. A64
OF 248 SHEETS



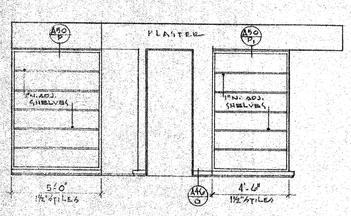
NORTH WOOD-SHOP D-11



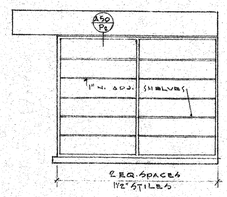
SOUTH



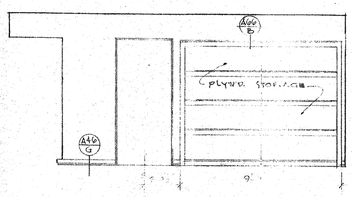
NORTH PROJECT STORAGE D-15



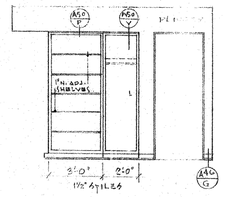
EAST PROJECT STORAGE D-15



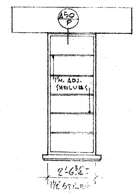
SOUTH



WEST



NORTH STORAGE D-3



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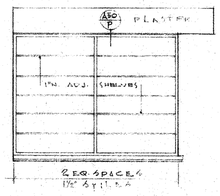

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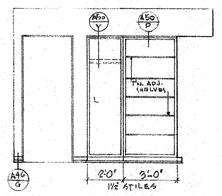
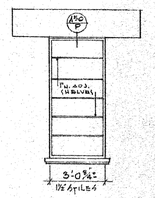


SOUTH STORAGE D-5



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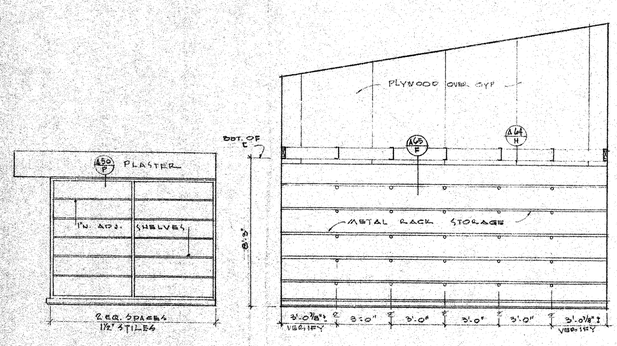
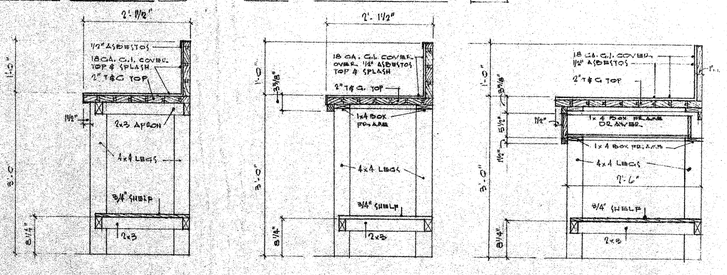


NORTH STORAGE D-5

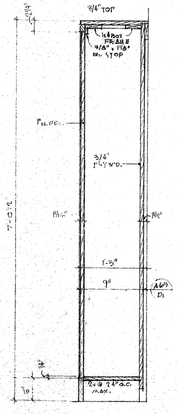
EAST BAR STORAGE D-10



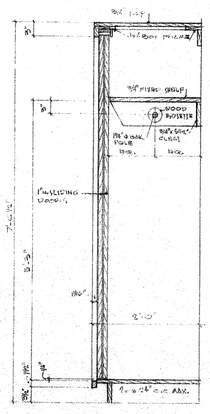
SOLDERING A65 A

WELDING A65 B

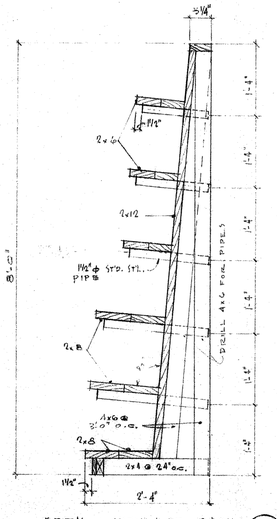
BATTERY CHARGE A65 C



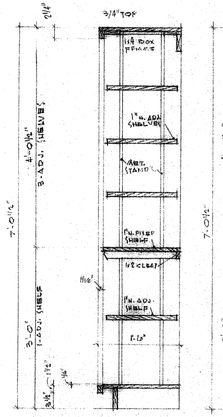
TOOL CABINET A65 D A65 D1



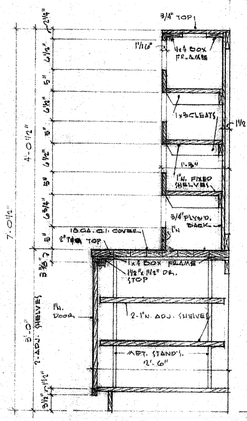
WARDROBE A65 E



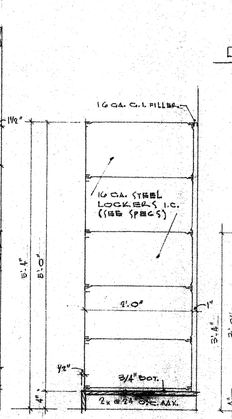
METAL STORAGE RACK A65 F



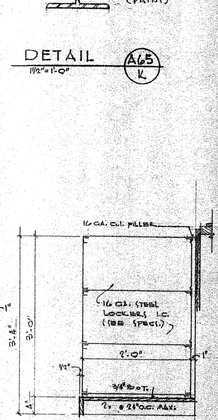
CABINET A65 G



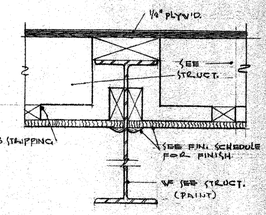
PART BINS A65 H



STEEL LOCKERS A65 J



STEEL LOCKERS A65 L



DETAIL A65 K
1½" = 1'-0"

CABINET SECTIONS
SCALE: ¾" = 1'-0"

GENERAL NOTES

1. ALL CASEWORK SHALL BE CONSTRUCTED OF DOUGLAS FIR PLYWOOD, UNLESS OTHERWISE NOTED.
2. ALL EXPOSED EDGES OF PLYWOOD SHALL BE BANDED WITH SOLID LUMBER.
3. ALL SHELVES SHALL BE ADJUSTABLE, UNLESS OTHERWISE NOTED.
4. ALL CASEWORK SHALL BE FINISHED AS SCHEDULED.
5. ALL CASEWORK SHALL BE SECURELY ANCHORED TO WALLS.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

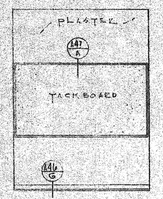
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 18798 APPROVED JUN 5 1959
By E. Maag
ARCHITECTURAL BOARD CLERK FOR DIVISION

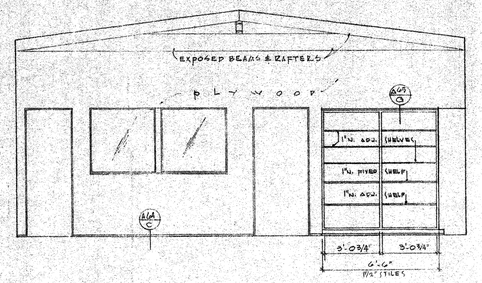
INTERIOR ELEVATIONS & DETAILS - SHOP BLDG. UNIT "2"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.S.
JOB NO. 56-71

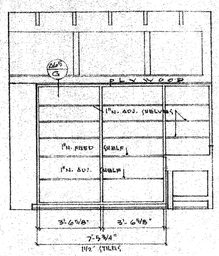
SHEET NO. A65
OF 245 SHEETS



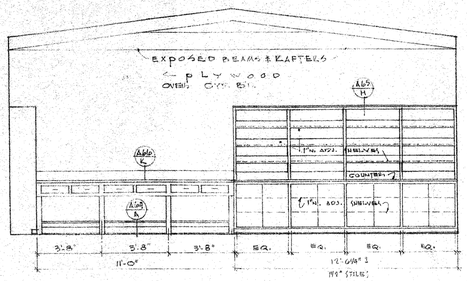
EAST OFFICE 6-4



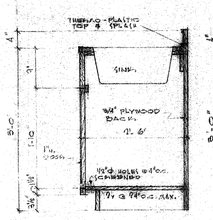
NORTH PLANT SHOP 6-5



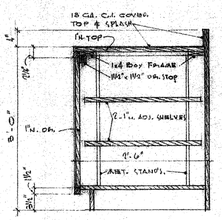
EAST



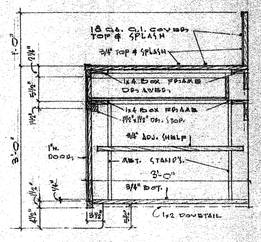
SOUTH



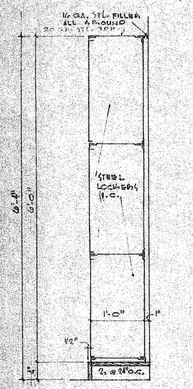
SINK A66/F



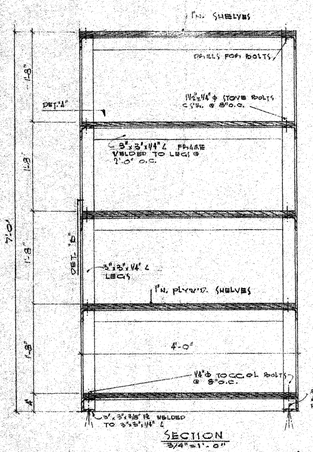
COUNTER A66/G



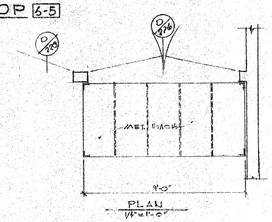
COUNTER A66/H

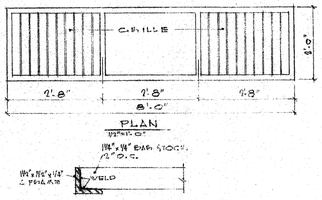


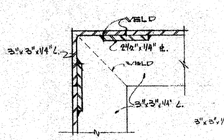
STEEL LOCKERS A66/A

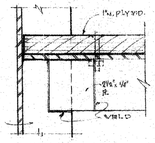


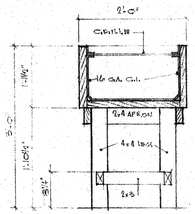
PLYWOOD STORAGE A66/B

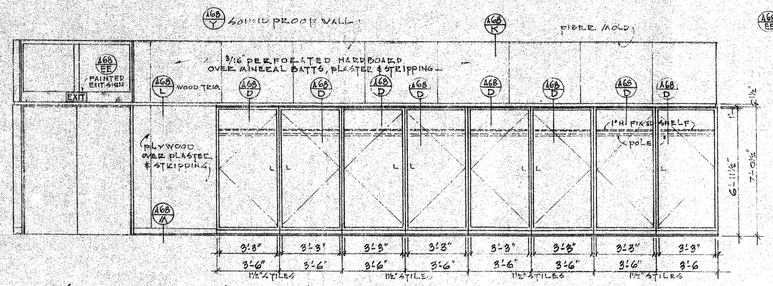




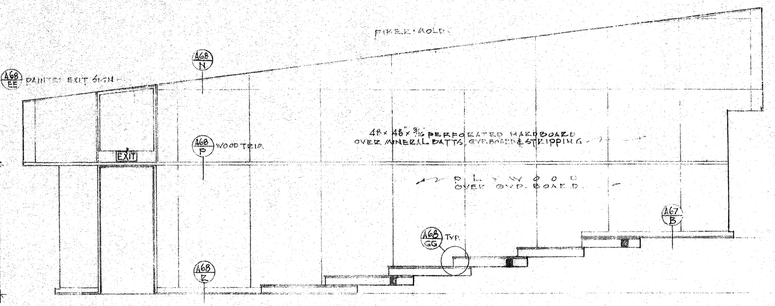




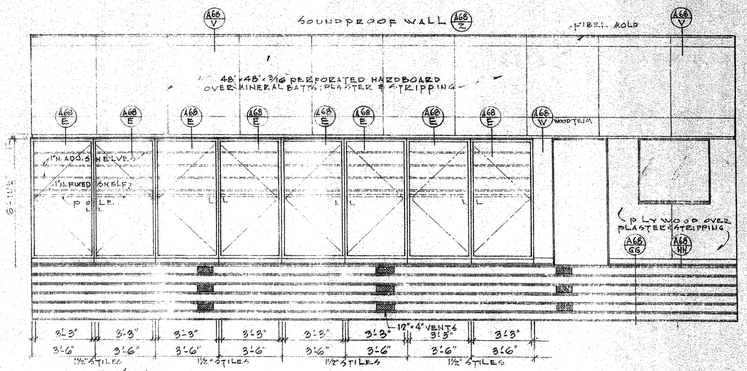

CASTILLE
16 GA. C.I.
2'-0"
3'-0"
11'-10 1/2"
11'-0"
2'-8"
2'-8"
2'-8



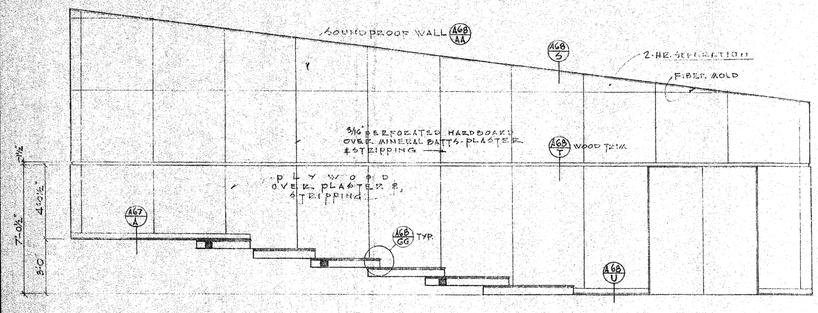
WEST VOCAL MUSIC T-1



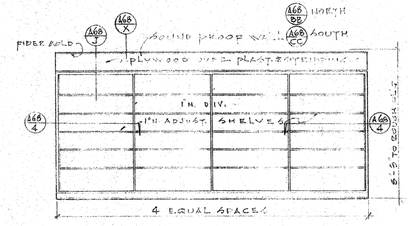
NORTH



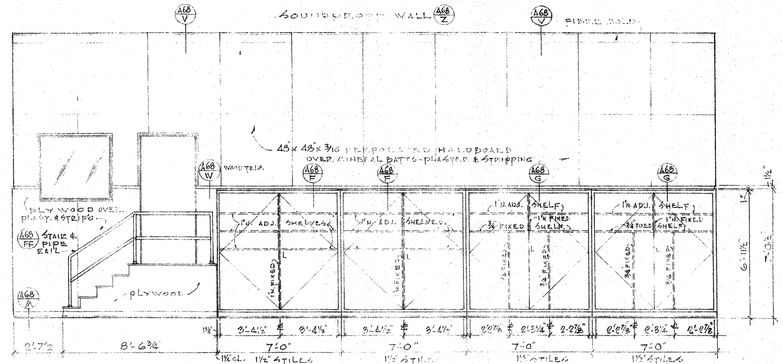
EAST



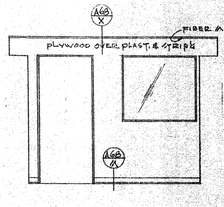
SOUTH VOCAL MUSIC T-1



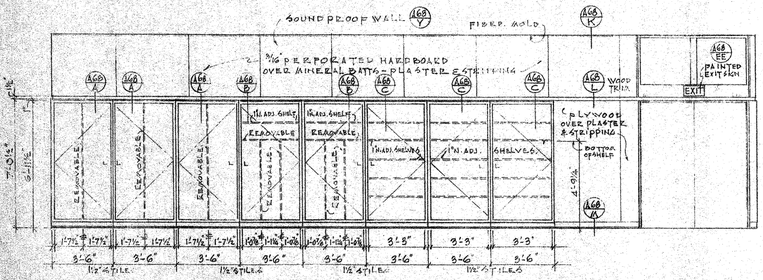
NORTH & SOUTH SIM. OFFICE & LIBRARY T-3



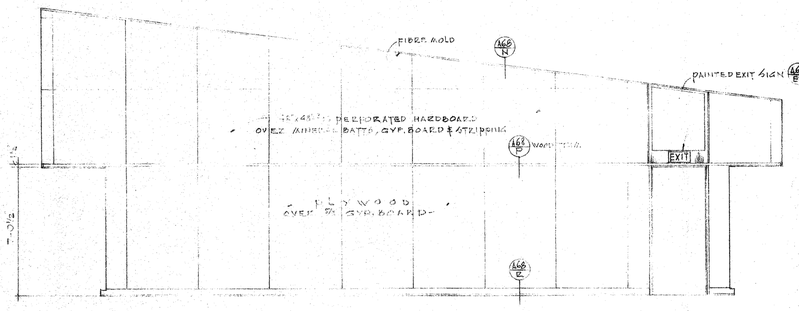
WEST INSTRUMENTAL MUSIC T-4



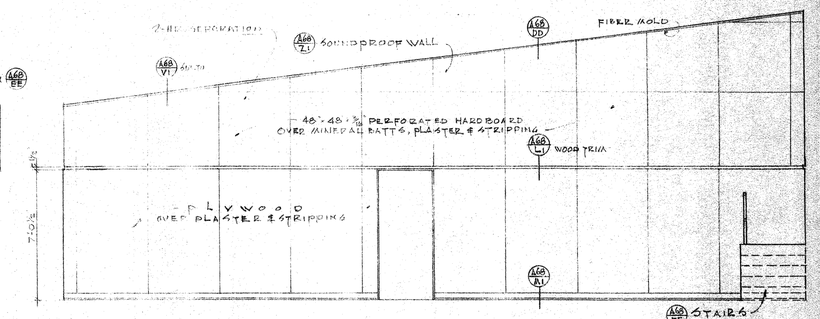
EAST OFFICE & LIBRARY T-3
WEST SIM. OPP. HAND



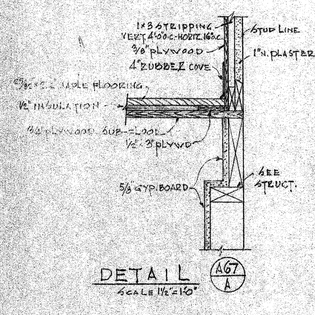
EAST INSTRUMENTAL MUSIC T-4



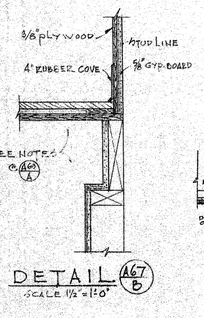
NORTH



SOUTH



DETAIL A67/A
SCALE 1 1/2" = 1'-0"



DETAIL A67/B
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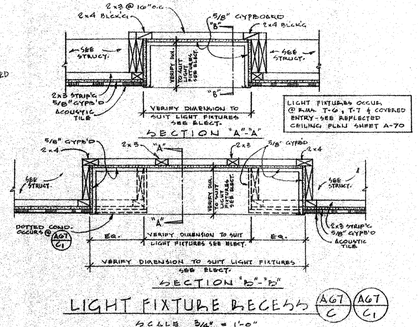


LIGHT FIXTURE RECESS A67/C A67/C1
SCALE 3/4" = 1'-0"

SCALE 1/4"=1'-0" UNLESS NOTED OTHERWISE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

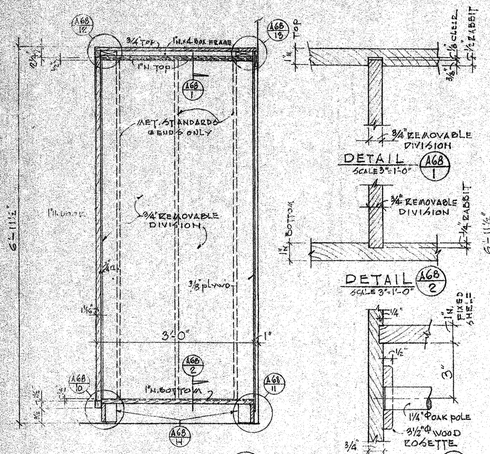
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17839 APPROVED NOV 1959
E. Murray
PRINCIPAL ARCHITECTURAL ENGINEER

INTERIOR ELEVATIONS - MUSIC SIZED UNIT "T"

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

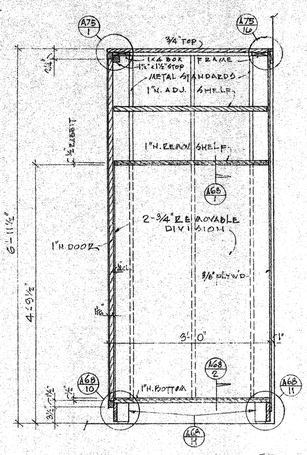
DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.S.
JOB NO. 56-71

SHEET NO. A67
OF 246 SHEETS

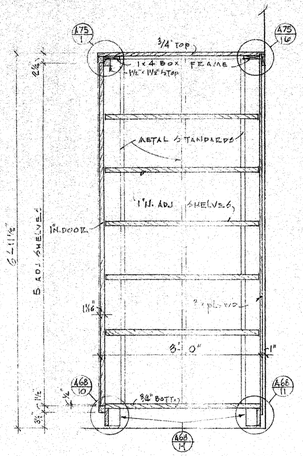


STORAGE A68/A

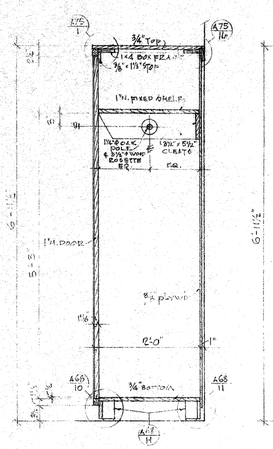
DETAIL A68/3



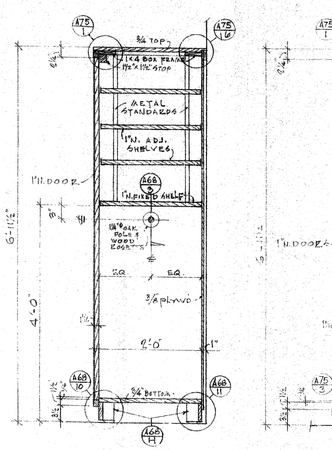
STORAGE A68/B



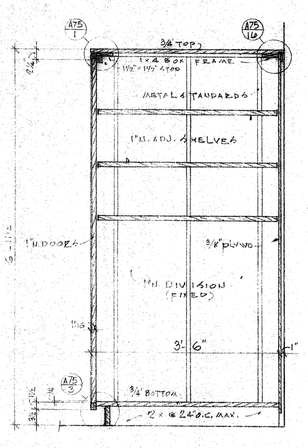
STORAGE A68/C



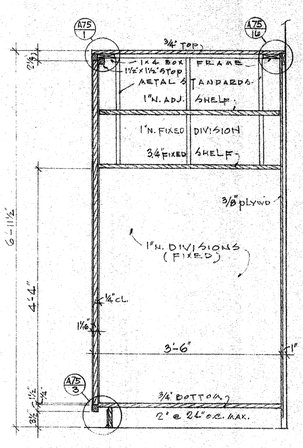
ROBE STORAGE A68/D



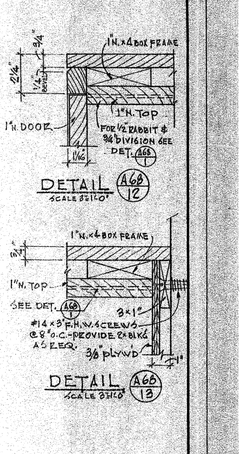
UNIFORM STORAGE A68/E

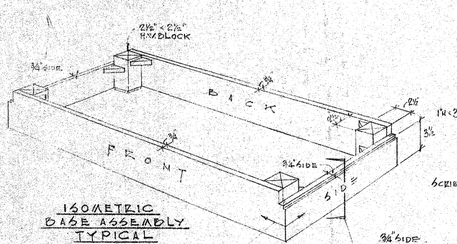


STORAGE A68/F



STORAGE A68/G

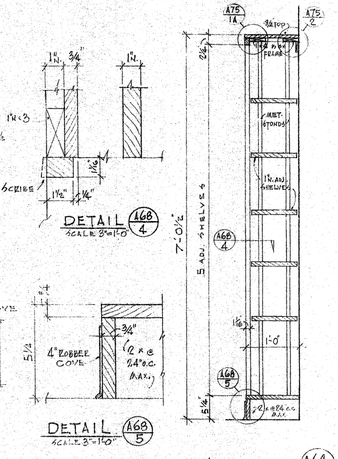




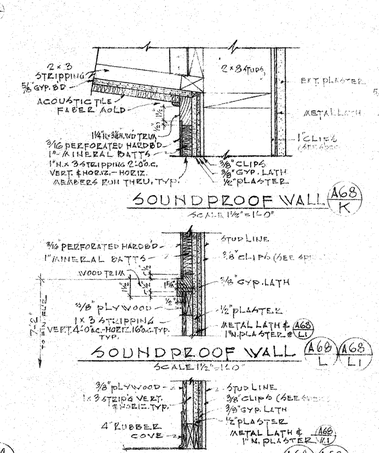
ISOMETRIC BASE ASSEMBLY TYPICAL
NO SCALE

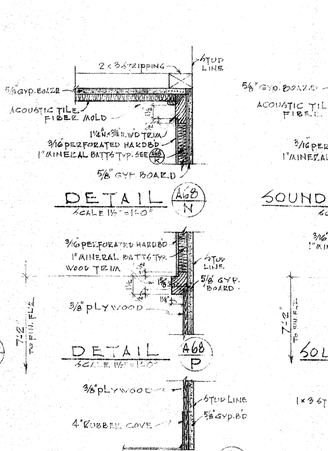
PLAN SECT. AT CORNER
SCALE 3"=1'-0"

SECTION AT SIDE
SCALE 3"=1'-0"

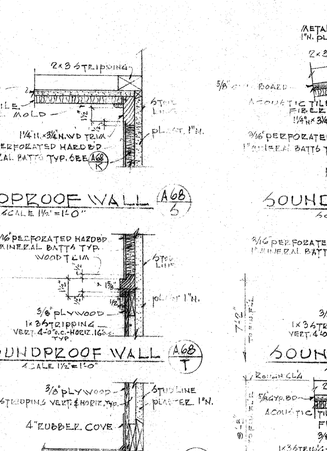


BOOK SHELVES A68/J

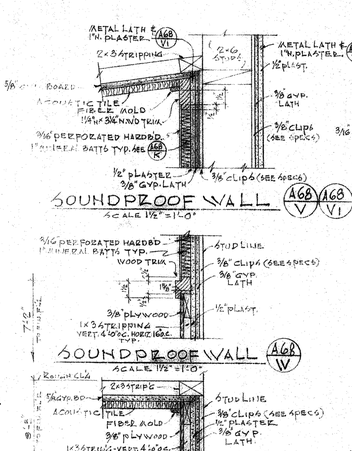




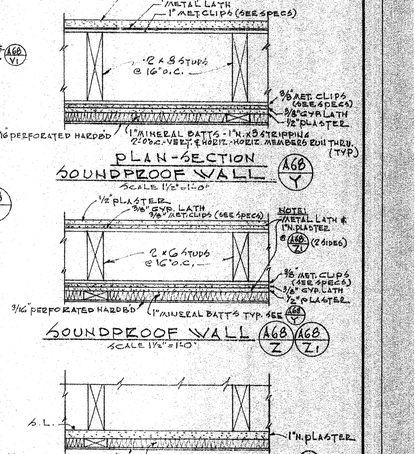
DETAIL A68/N

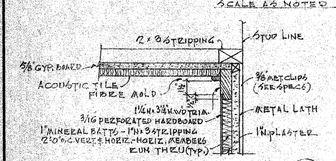


SOUNDPROOF WALL A68/S

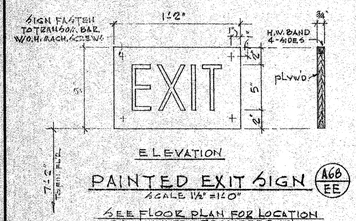


SOUNDPROOF WALL A68/V A68/VI



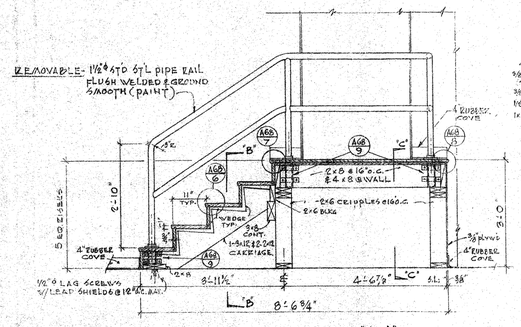


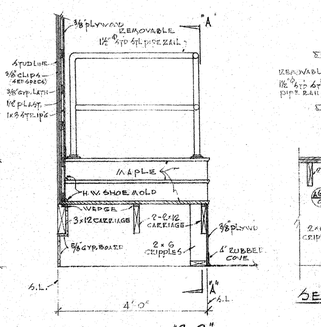
SOUNDPROOF WALL A68/DD
SCALE 1 1/2"=1'-0"

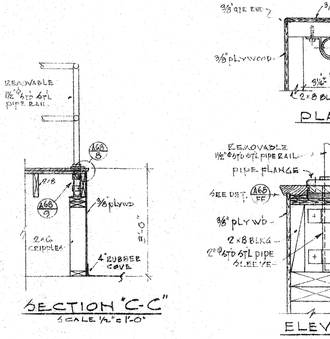


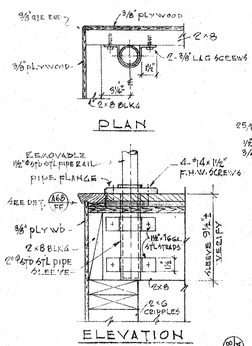
PAINTED EXIT SIGN A68/EE
SCALE 1/4"=1'-0"

SEE FLOOR PLAN FOR LOCATION OF TYP. WHERE REQUIRED BY CODE

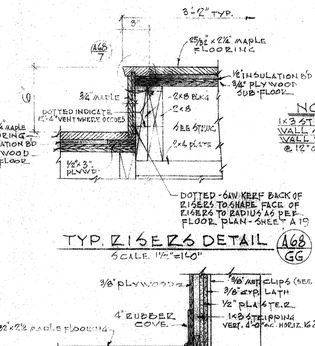








DETAIL A68/9 A68/9A
SCALE 1 1/2"=1'-0"



NOTE: TYPICAL - 1 x 3 STRIPPING & SOUNDPROOF WALL SHALL BE ATTACHED TO WALL WITH F.H. TOGGLE BOLTS @ 12" O.C. (TYP.)

DETAIL A68/HH

DETAIL A68/10

DETAIL A68/11

DETAIL A68/7

DETAIL A68/8

STAIR & PIPE RAIL DETAILS A68/FF
SCALE AS NOTED

CABINET BASE A68/H
SCALE AS NOTED

SOUNDPROOF WALL A68/L A68/L1

RUBBER COVE BASE A68/M A68/M1

RUBBER COVE BASE A68/R

RUBBER COVE BASE A68/U

SOUNDPROOF WALL A68/X

SOUNDPROOF WALL A68/Z A68/Z1

SOUNDPROOF WALL A68/AA

SOUNDPROOF WALL A68/BB

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

SCALE 3/4"=1'-0" UNLESS NOTED OTHERWISE

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

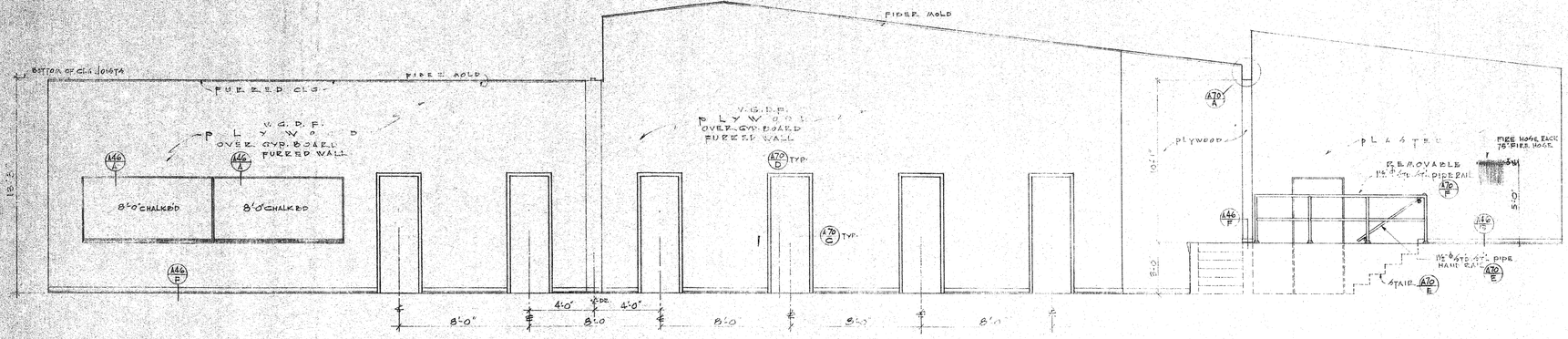
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
1-1958 APPROVED JAN 5 1959
APPLICATION NO. BY E. Maag DE
MUNICIPAL STRUCTURES SECTION

INTERIOR DETAILS UNIT "I"

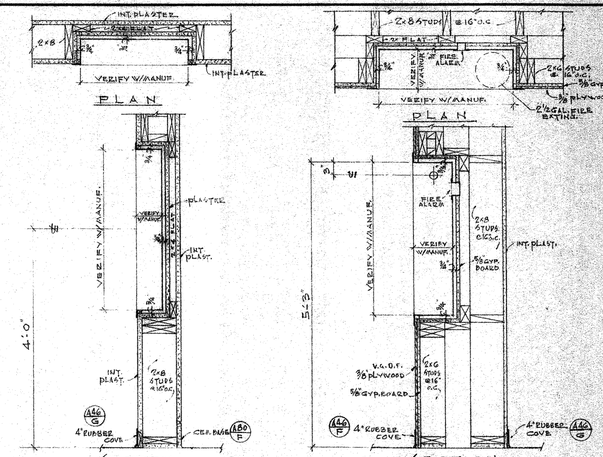
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.S.
JOB NO. 56-71

SHEET NO. A68
OF 248 SHEETS

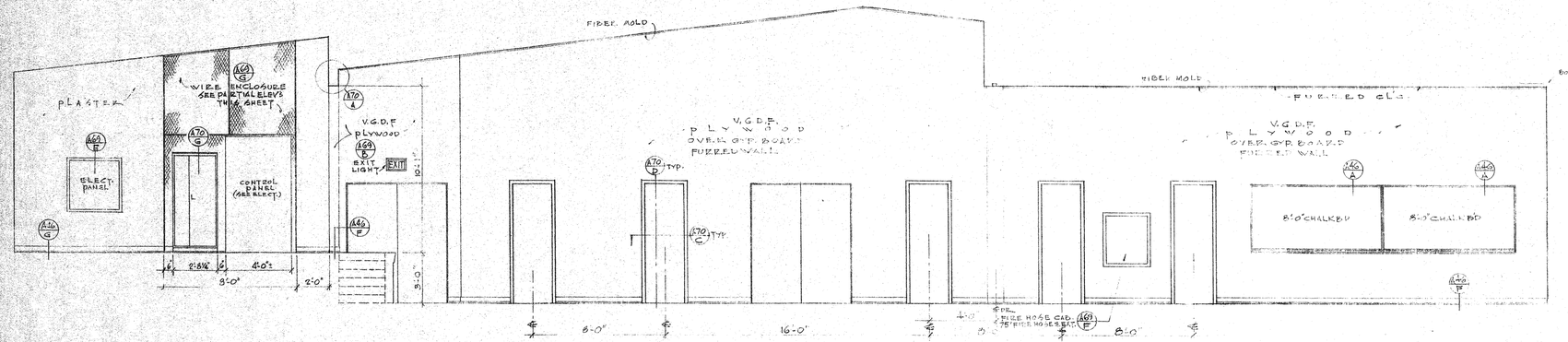


NORTH CLASSROOM T-5 — MULTI-USE T-7 — PLATFORM T-9

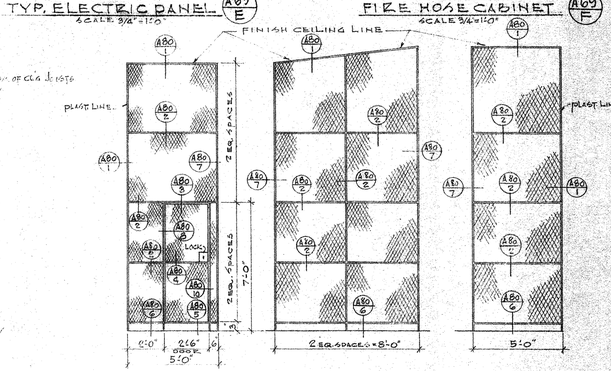


SECTION TYP. ELECTRIC PANEL A69/E — SCALE 3/4"=1'-0"

SECTION FIRE HOSE CABINET A69/F — SCALE 3/4"=1'-0"



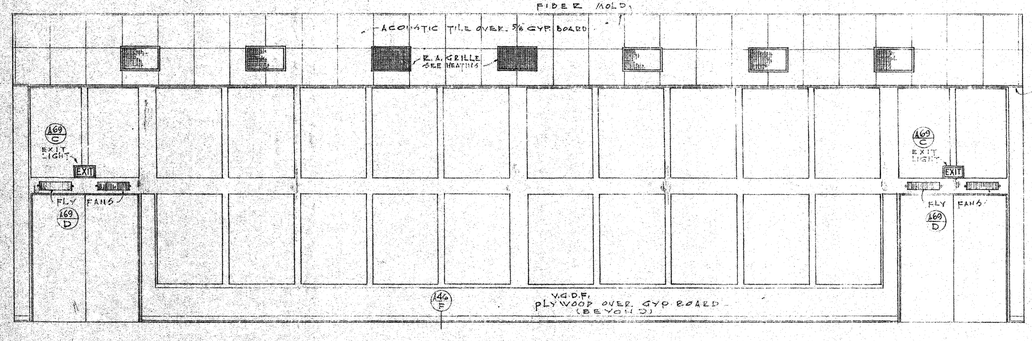
SOUTH PLATFORM T-9 — MULTI-USE T-7 — CLASSROOM T-6

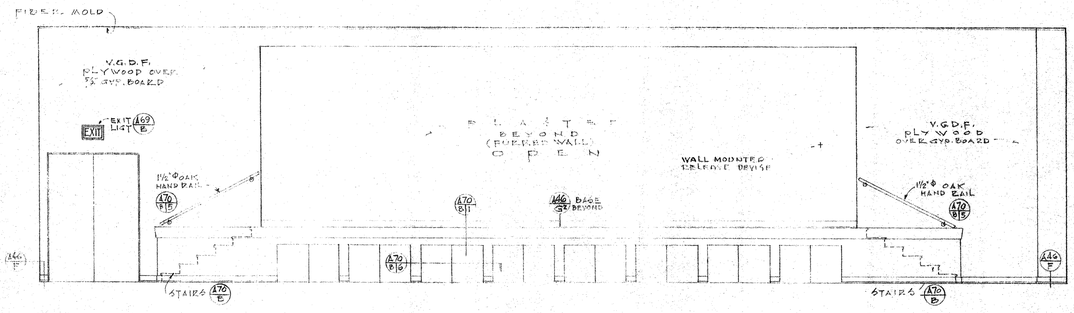


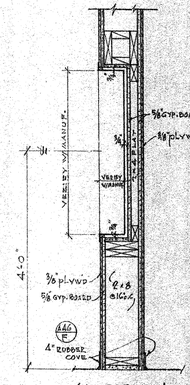
WEST — SOUTH — EAST

A69/G PARTIAL ELEV'S-WIRE ENCLOSURE AT PLATFORM T-9

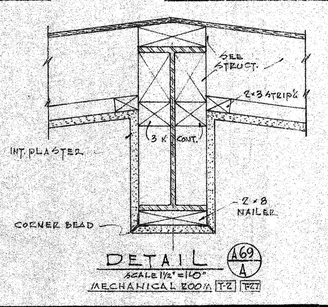
FOR PLAN OF ENCLOSURE SEE SHT A70 & A19



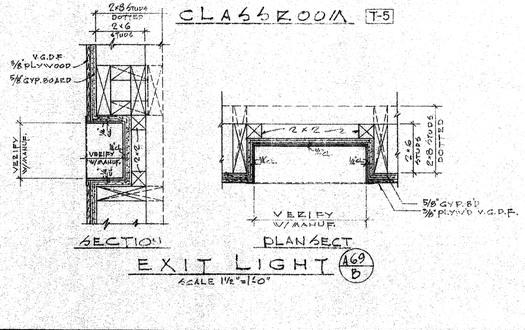




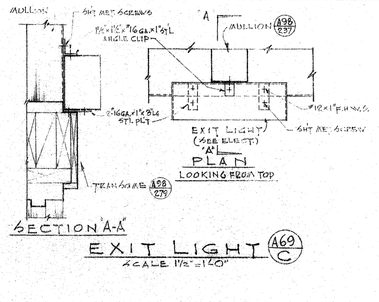
WEST CLASSROOM T-6 — CLASSROOM T-5 — EAST MULTI-USE T-7



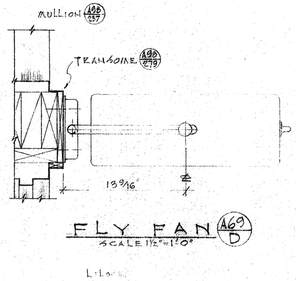
DETAIL A69/A — SCALE 1½"=1'-0" — MECHANICAL ROOM T-2 P47



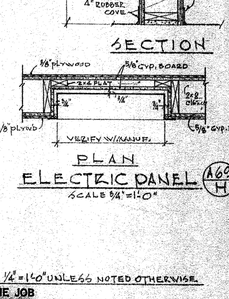
EXIT LIGHT A69/B — SCALE 1½"=1'-0"



EXIT LIGHT A69/C — SCALE 1½"=1'-0"



FLY FAN A69/D — SCALE 1½"=1'-0"



ELECTRIC PANEL A69/H — SCALE 3/4"=1'-0"

SCALE 1/4"=1'-0" UNLESS NOTED OTHERWISE.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT — STRUCTURAL ENGINEER — MECHANICAL ENGINEER — ELECTRICAL ENGINEER — CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING — LOS ANGELES, CALIFORNIA

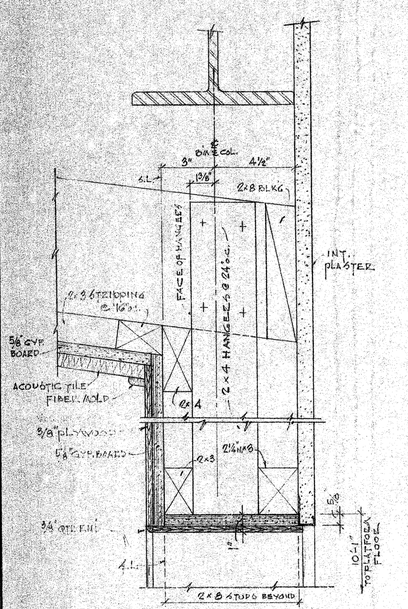
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
APPROVED JAN 1959
BY E. Maag RE
PRINCIPAL ARCHITECTURAL ASSISTANT

INTERIOR DETAILS UNIT "I"

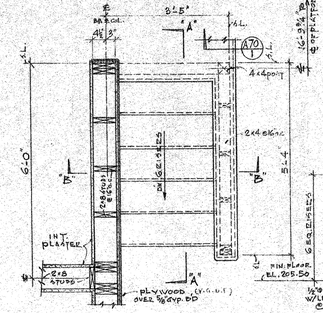
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59 — DR. BY A.C.V. — CHECKED BY C.C.J. — JOB NO. 58-71

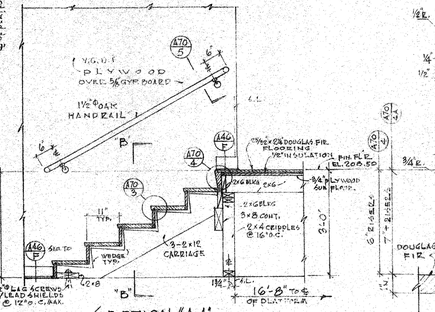
SHEET NO. A69 — OF 245 SHEETS



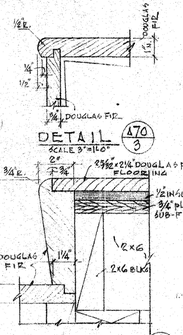
DETAIL A70/A
SCALE 3"=1'-0"

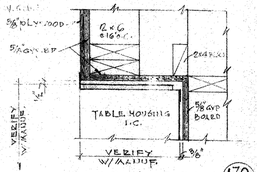


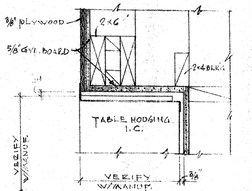
PLAN
SCALE ½"=1'-0"

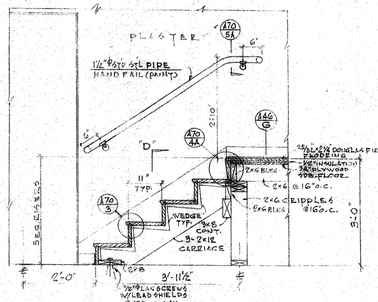


SECTION "A-A"
SCALE ½"=1'-0"

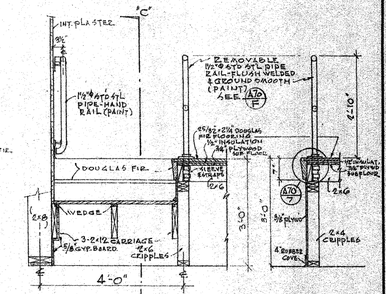








SECTION "C-C"
SCALE ½"=1'-0"



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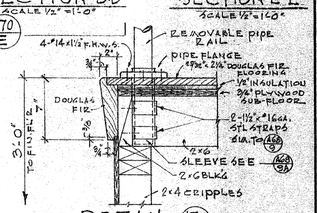
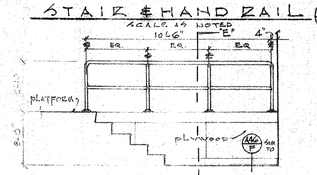


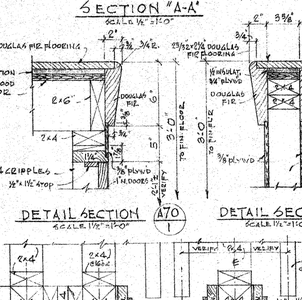
SECTION "E-E"
SCALE 1½"=1'-0"

STAIR & HAND RAIL A70/E
SCALE 1/4" NOTED

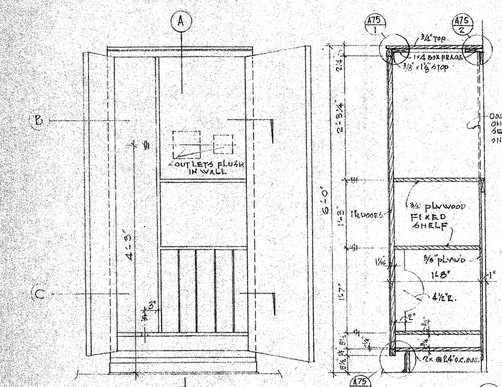


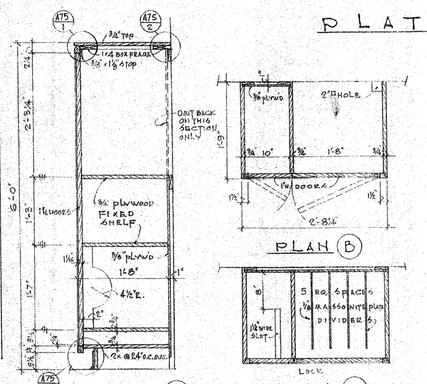
ELEVATION
SCALE ¼"=1'-0"

REMOVABLE PIPE RAIL A70/F
SCALE 1/4" NOTED

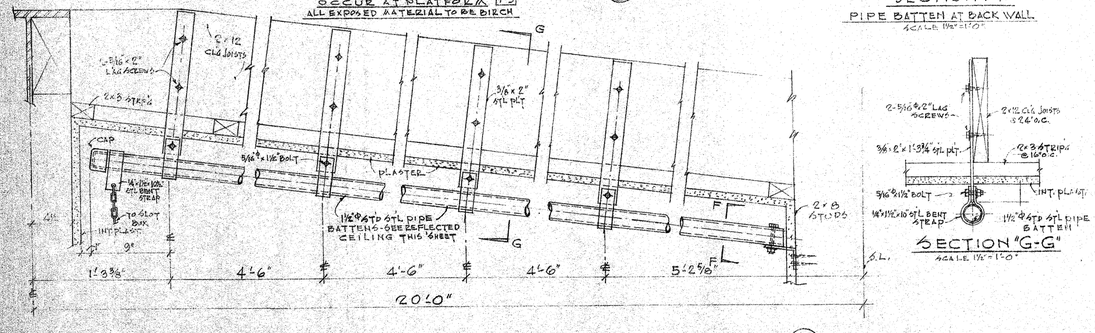


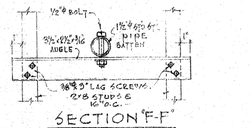
PLATFORM, STAIRS & HANDRAIL A70/B
SCALE AS NOTED





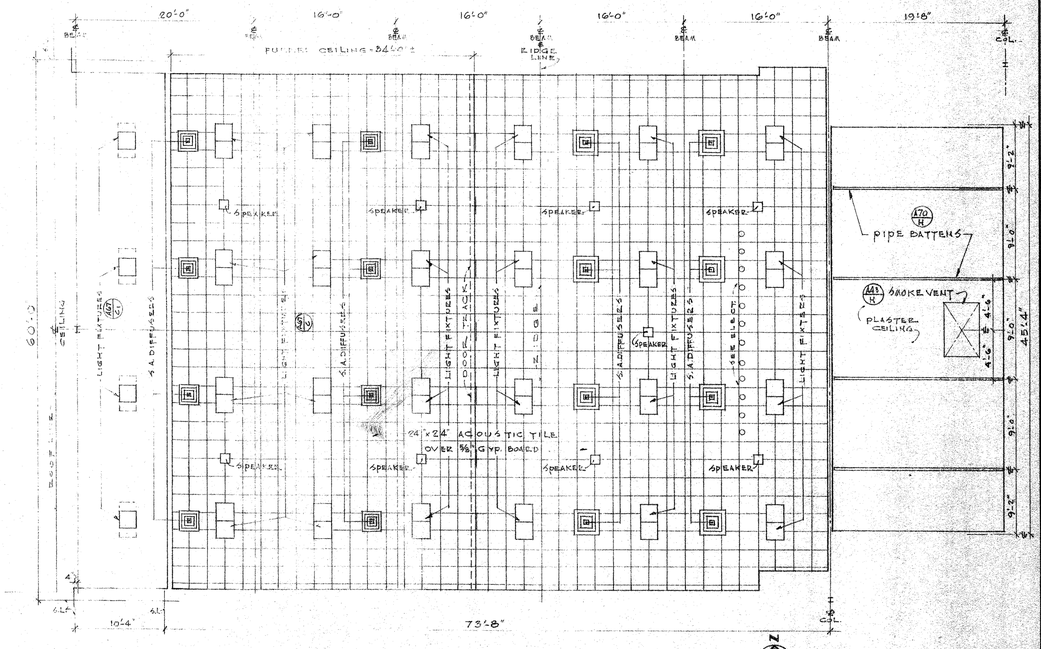
STORAGE CABINET A70/G
SCALE ¾"=1'-0"
OCCUPY AT PLATFORM T-9
ALL EXPOSED MATERIAL TO BE BIRCH





PIPE BATTENS DETAILS A70/H
SCALE 1½"=1'-0"

CEILING PROFILE
SCALE ⅛"=1'-0"



REFLECTED CEILING PLAN
MULTI-PURPOSE UNIT "T"
SCALE ⅛"=1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

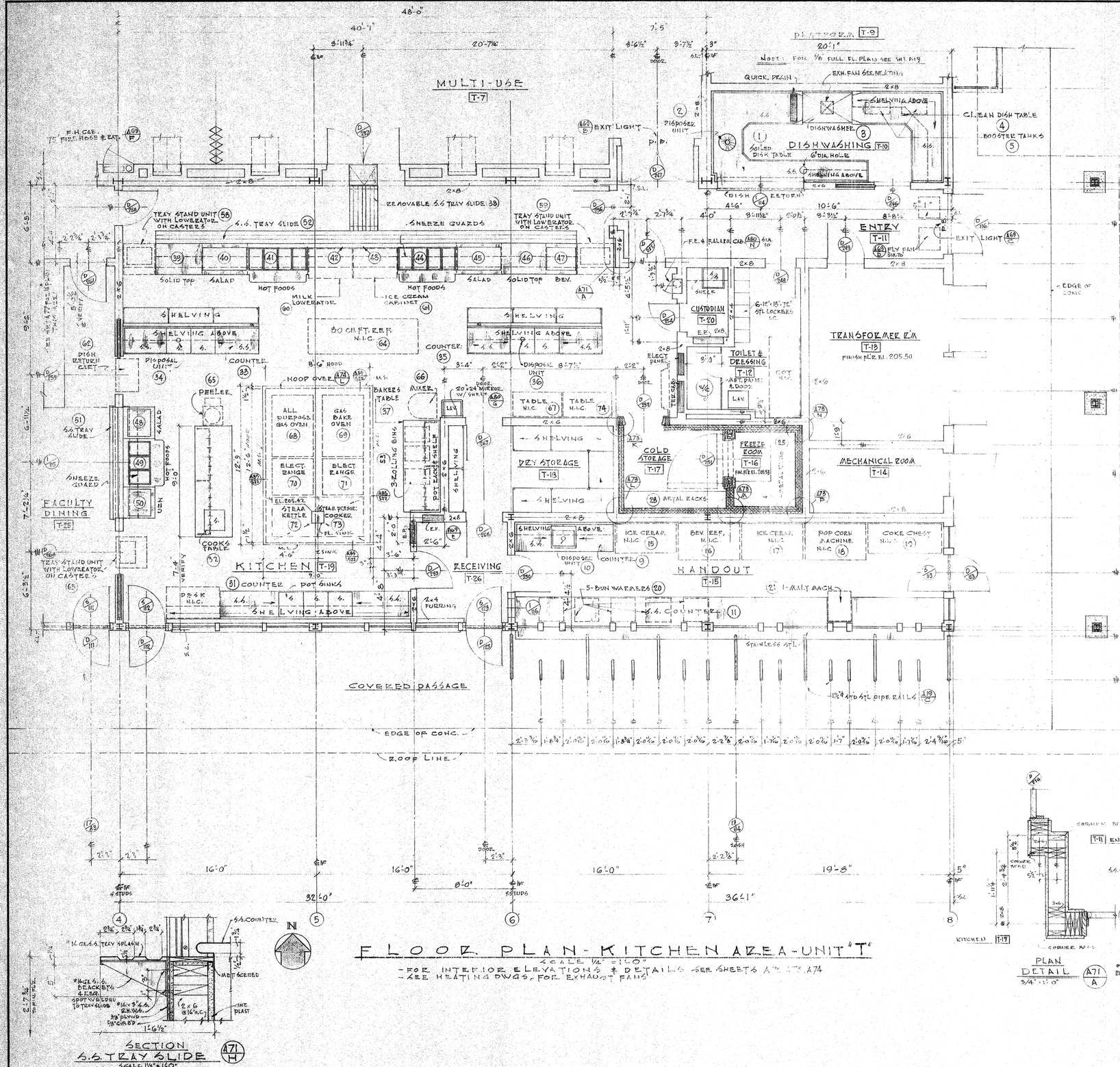
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED 1959
E. Maag
DISTRICT ARCHITECTURAL ENGINEER

INTERIOR DETAILS UNIT "T"

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.S.
JOB NO. 56-71

SHEET NO. A70
OF 248 SHEETS



KITCHEN EQUIPMENT

ITEM	DESCRIPTION		ITEM	DESCRIPTION	
(1)	SOILED DISH TABLE & QUICK DRAIN	I.C.	(43)	SKELETON UNIT (46303) WITH (454-3) SNEEZE GUARD	I.C.
(2)	DISPOSER & PRE-RINSE ASSEMBLY	I.C.	(44)	HOT FOODS UNIT (51304) WITH 2-(205) DISH TRUCKS & (454-3) SNEEZE GUARD	I.C.
(3)	DISHWASHER	I.C.	(45)	COLD PAN UNIT (56303) WITH (330) COMPRESSOR COMPARTMENT & (456-3) SNEEZE GUARD	I.C.
(4)	CLEAN DISH TABLE	I.C.	(46)	SOLID TOP UNIT (58303) WITH (329-3) SLIDING DOORS & (454-3) SNEEZE GUARD	I.C.
(5)	BOOSTER TANKS	I.C.	(47)	COLD PAN UNIT (56302) WITH (330) COMPRESSOR COMPARTMENT & (454-2) SNEEZE GUARD	I.C.
(6)			(48)	COLD PAN UNIT (56302) WITH (330) COMPRESSOR COMPARTMENT & (456-2) SNEEZE GUARD	I.C.
(7)			(49)	HOT FOODS UNIT (51302) WITH 1-(205) DISH TRUCK & (454-3) SNEEZE GUARD	I.C.
(8)			(50)	QUEN STAND UNIT (57302) WITH (329-2) CAB. DRS & (454-2) SNEEZE GUARD.	I.C.
(9)	COUNTER & SINK	I.C.	(51)	S.S. TRAY SLIDE	I.C.
(10)	DISPOSER UNIT	I.C.	(52)	S.S. TRAY SLIDE	I.C.
(11)	COUNTER	I.C.	(53)	3 - S.S. ROLLER BINS (2S125)	I.C.
(12)			(54)		
(13)			(55)		
(14)			(56)		
(15)	ICE CREAM CABINET	N.I.C.	(57)		
(16)	BEV. REF.	N.I.C.	(58)	TRAY STAND UNIT W/LOWERATOR (70-71)	N.I.C.
(17)	ICE CREAM CABINET	N.I.C.	(59)	TRAY STAND UNIT W/LOWERATOR (70-71)	N.I.C.
(18)	POP CORN MACHINE	N.I.C.	(60)	MILK LOWERATOR (53303)	N.I.C.
(19)	COKE CHEST	N.I.C.	(61)	ICE CREAM CABINET	N.I.C.
(20)	5-BUN WARMERS	N.I.C.	(62)	DISH RETURN CART (1349-10) WITH (5-1194-1) TRAYS	N.I.C.
(21)	1-MALT MACHINE	N.I.C.	(63)	TRAY STAND UNIT W/LOWERATOR (70-71)	N.I.C.
(22)			(64)	80 CU.FT. REFRIGERATOR	N.I.C.
(23)			(65)	30 LB. PEELER	N.I.C.
(24)			(66)	60 QT. MIXER	N.I.C.
(25)	METAL RACKS	N.I.C.	(67)	TABLE	N.I.C.
(26)			(68)	ALL PURPOSE GAS OVEN	N.I.C.
(27)			(69)	GAS BAKE OVEN	N.I.C.
(28)	METAL RACKS	I.C.	(70)	ELECT. RANGE	N.I.C.
(29)			(71)	ELECT. RANGE	N.I.C.
(30)			(72)	STEAM KETTLE	N.I.C.
(31)	COUNTER & SINK	I.C.	(73)	STEAM PRESSURE COOKER	N.I.C.
(32)	CORNER TABLE, SINK & POT RACK	I.C.	(74)	TABLE	N.I.C.
(33)	COUNTER & SINK	I.C.	(75)		
(34)	DISPOSER UNIT	I.C.	(76)		
(35)	COUNTER & SINK	I.C.	(77)		
(36)	DISPOSER UNIT	I.C.	(78)		
(37)	BAKERS TABLE & POT RACK	I.C.	(79)		
(38)	REMOVABLE S.S. TRAY SLIDE CABINET	I.C.	(80)		
(39)	SOLID TOP UNIT (58303) WITH (329-3) SLIDING DOORS & (456-3) SNEEZE GUARD	I.C.	(81)		
(40)	COLD PAN UNIT (56303) WITH (330) COMPRESSOR COMPARTMENT & (456-3) SNEEZE GUARD	I.C.	(82)		
(41)	HOT FOODS UNIT (51304) WITH 2-(205) DISH TRUCKS & (454-3) SNEEZE GUARD	I.C.	(83)		
(42)	SKELETON UNIT (46303) WITH (454-3) SNEEZE GUARD		(84)		

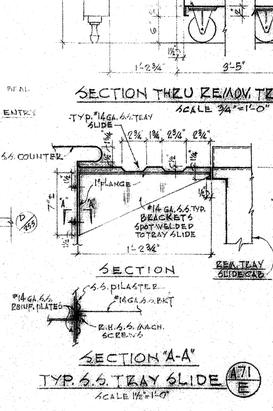
SECTION
S.S. TRAY SLIDE (A71 H)
SCALE 1½"=1'-0"

FLOOR PLAN - KITCHEN AREA - UNIT "T"

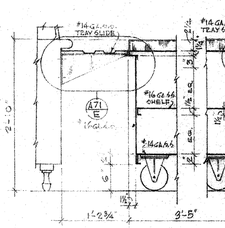
SCALE ¼"=1'-0"

- FOR INTERIOR ELEVATIONS & DETAILS SEE SHEETS A71, A72, A74
- SEE HEATING DWGS. FOR EXHAUST FANS

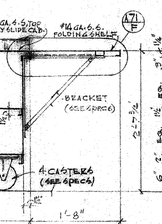
PLAN DETAIL (A71 A)
3/4"=1'-0"



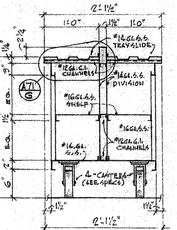
SECTION
SECTION "A-A"
TYP. S.S. TRAY SLIDE (A71 E)
SCALE 1½"=1'-0"



SECTION THRU REMOV. TRAY SLIDE CAB. (A71 B)
SCALE ¾"=1'-0"



SECT. - REMOV. TRAY SLIDE CABINET (A71 C)
SCALE ¾"=1'-0"



SECT. - TRAY SLIDE (A71 D)
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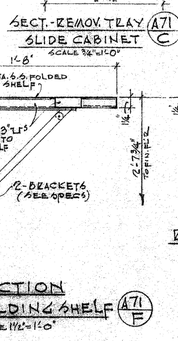
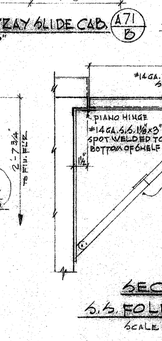


SECTION
REMOV. TRAY SLIDE CAB (A71 G)
SCALE 1½"=1'-0"



SECTION
S.S. FOLDING SHELF (A71 F)
SCALE 1½"=1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

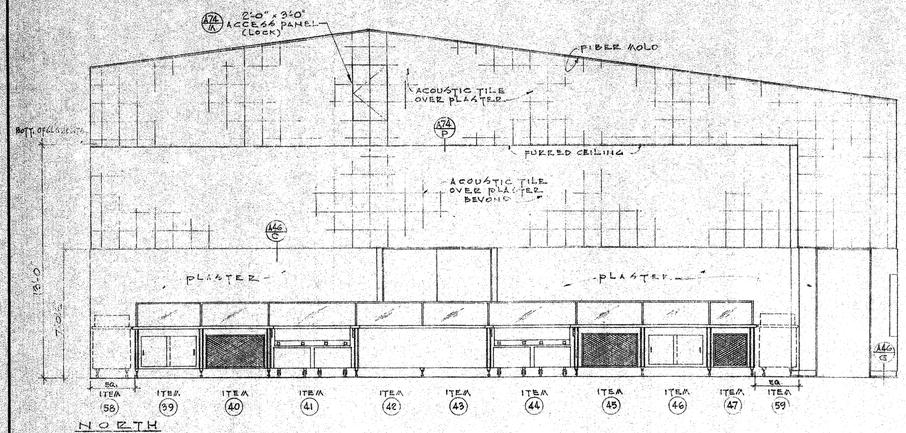
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTS
APPLICATION NO. 17838 APPROVED JAN 8 1959
Per E. Mann
PRINCIPAL ASSISTANT SUPERVISOR

¼" PLAN & EQUIPMENT SCHEDULE - KITCHEN AREA - UNIT "T"

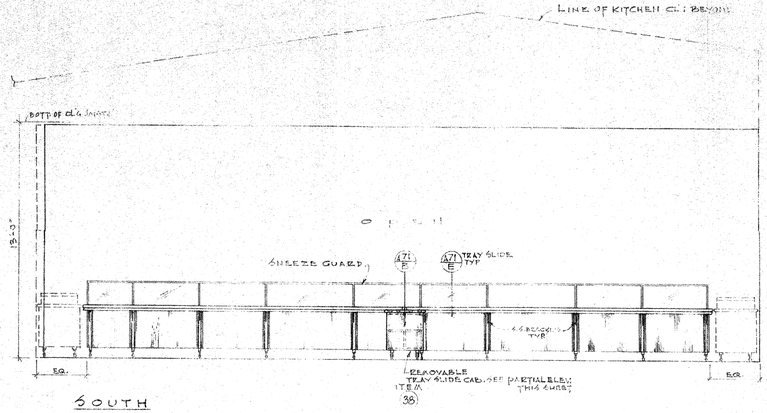
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.S.
JOB NO. 56-71

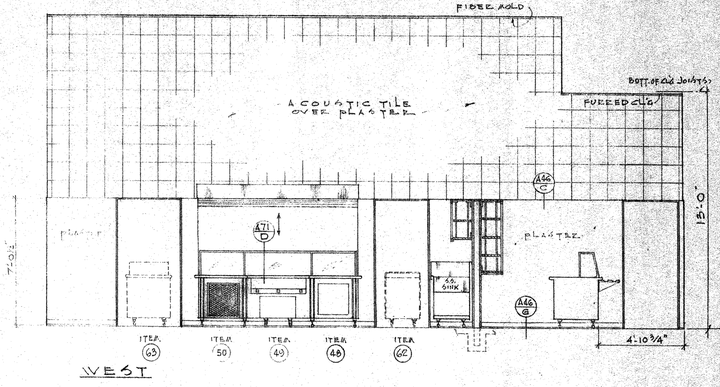
SHEET NO. A71
OF 243 SHEETS



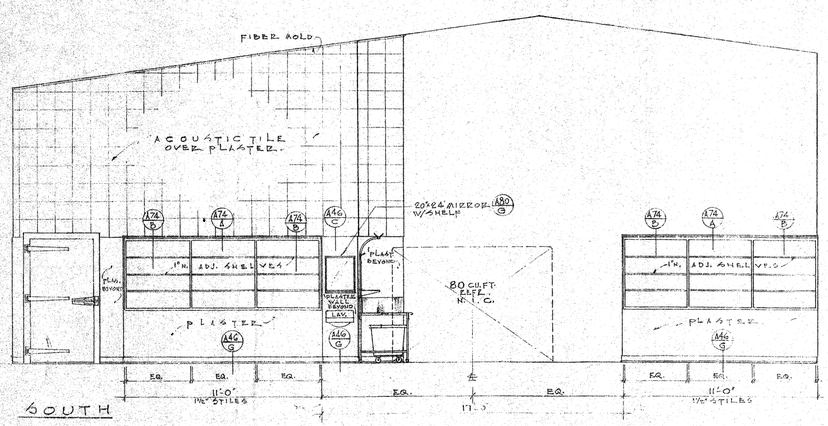
NORTH



SOUTH



WEST



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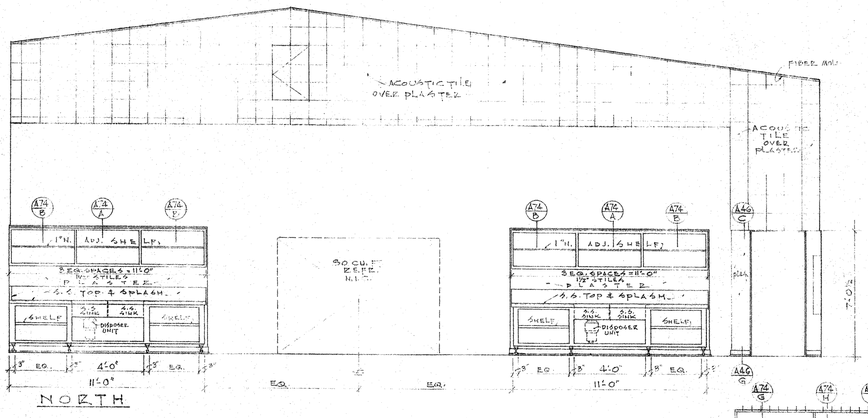
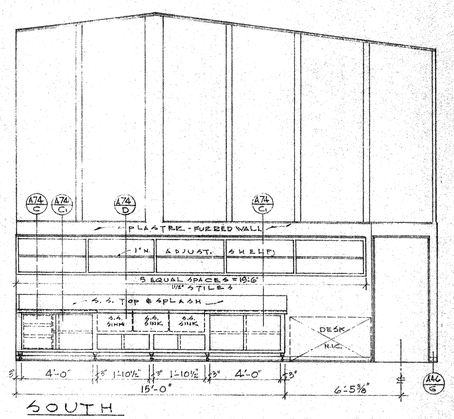
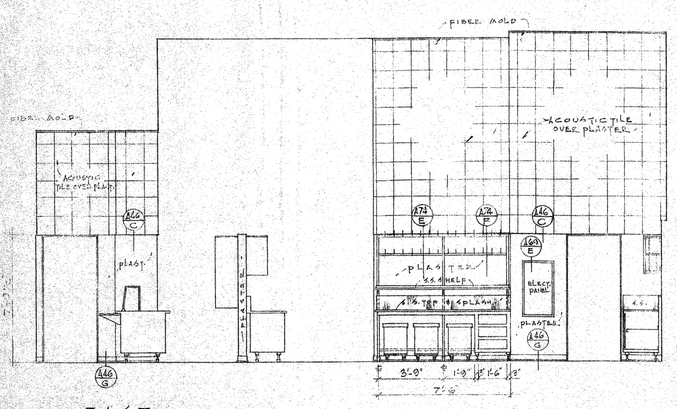


NORTH



SOUTH



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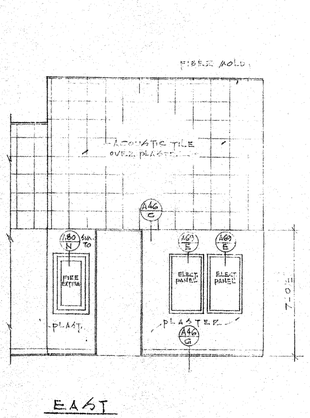
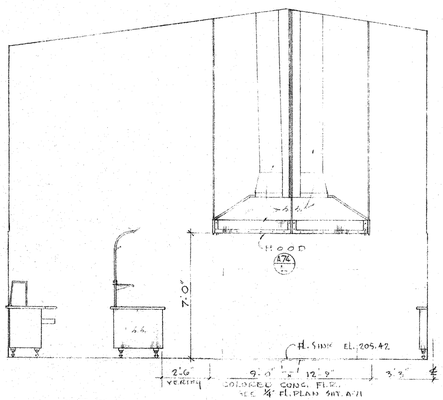
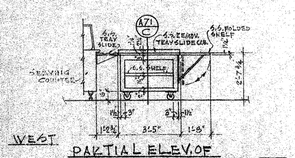


EAST



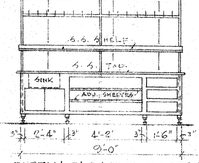
NORTH

K I T C H E N T-19

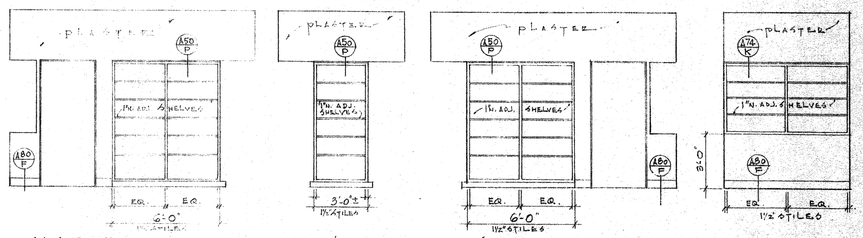


WEST

PARTIAL ELEV. OF REMOV. TRAY SLIDE CAB. @ T-19



WEST - PARTIAL ELEV. OF COOKS TABLE AT T-19



NORTH EAST SOUTH WEST

D R Y S T O R A G E T-18

SCALE 1/4"=1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

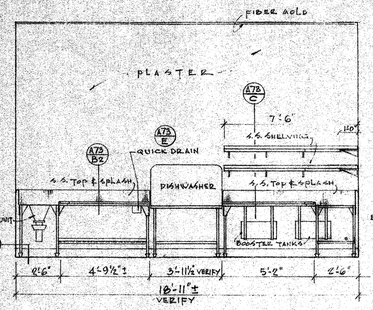
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
1783 APPROVED JAN 5 1959
APPLICATION NO. By E. Maag
ARCHITECT, STRUCTURAL ENGINEER

INTERIOR ELEVATIONS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY A.C.V.
CHECKED BY E.C.S.
JOB NO. 56-71

SHEET NO. A72
OF 248 SHEETS



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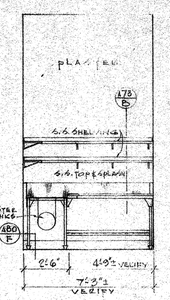
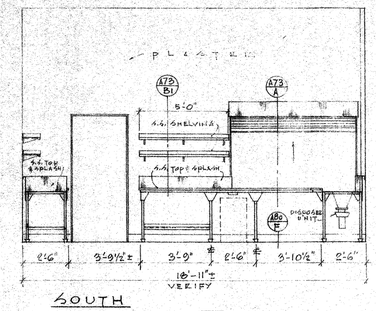
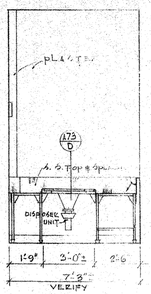


EAST



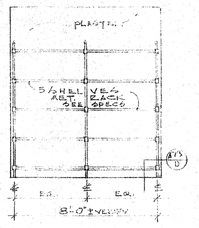
SOUTH



WEST

DISHWASHING T-10

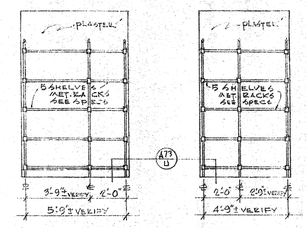
SCALE ½"=1'-0"



SOUTH

COLD STORAGE T-17

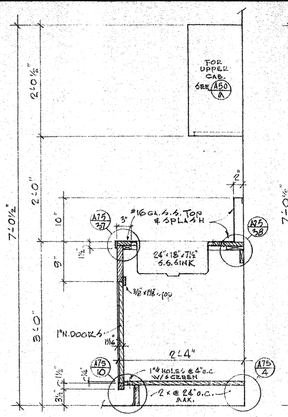
SCALE ½"=1'-0"



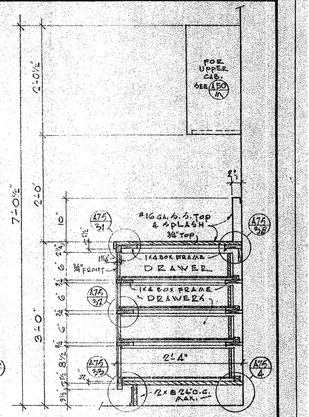
EAST SOUTH

FREEZE ROOM T-16

SCALE ½"=1'-0"



COUNTER A7.3 G



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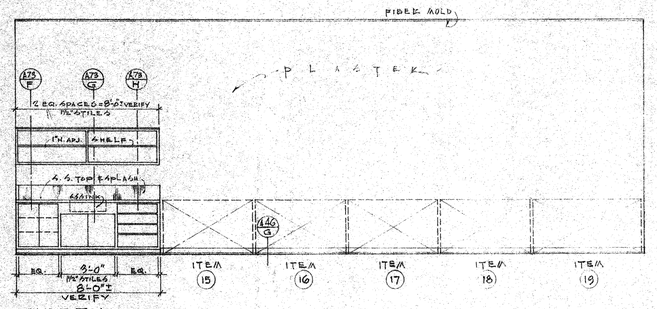

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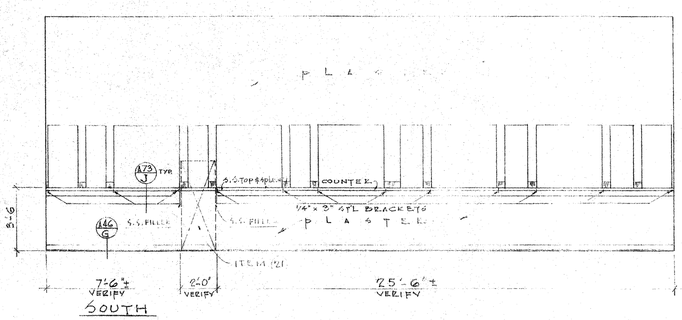
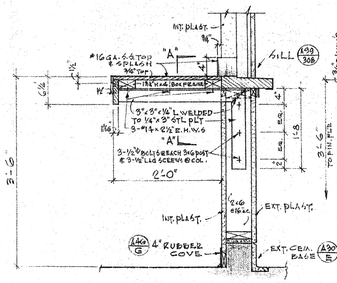


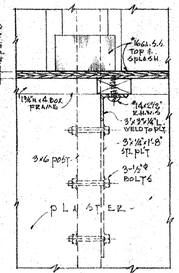
SOUTH

HANDOUT T-15

SCALE ¼"=1'-0"



COUNTER A7.3 J



SECTION "A-A"

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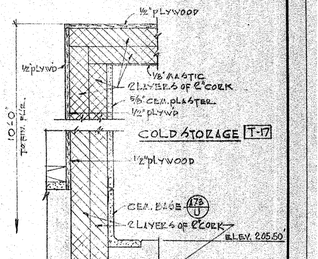

SECTION A7.3 K

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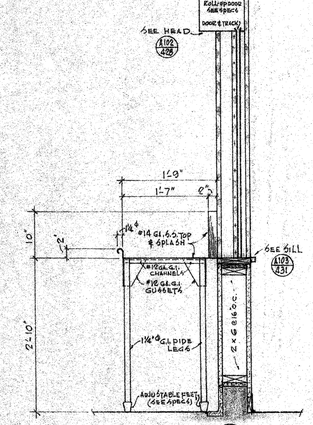
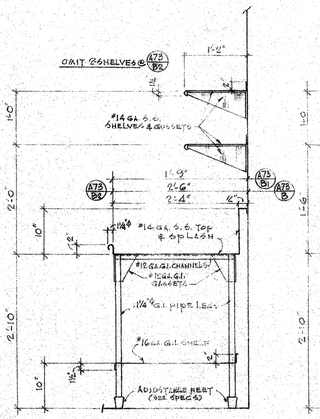
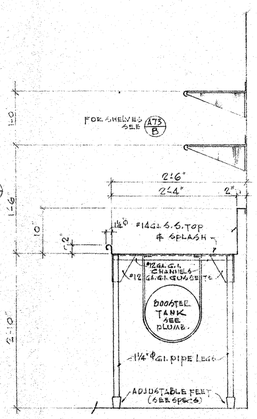


SECTION A7.3 A



SECTION A7.3 B A7.3 B1 A7.3 B2



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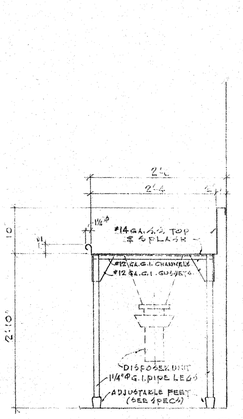
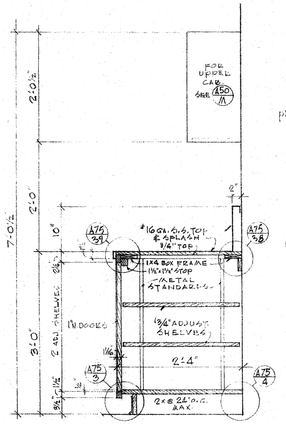
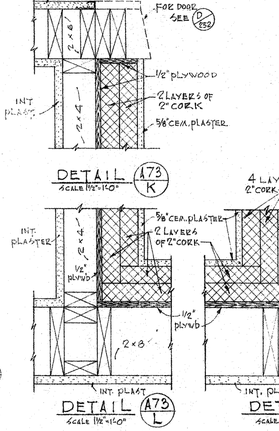


SECTION A7.2 D



COUNTER A7.3 F

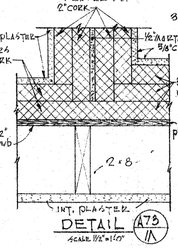


DETAIL A7.3 K

SCALE 1½"=1'-0"

DETAIL A7.3 L

SCALE 1½"=1'-0"



DETAIL A7.3 M

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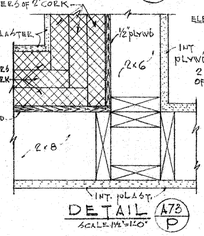

DETAIL A7.3 N

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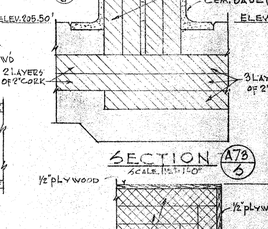
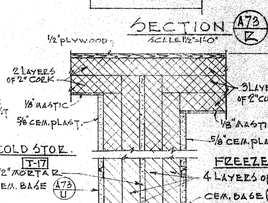


DETAIL A7.3 P

SCALE 1½"=1'-0"



SECTION A7.3 K

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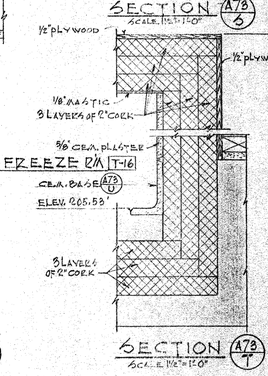
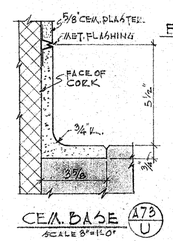


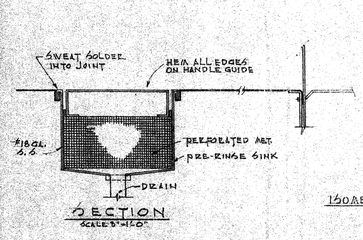
SECTION A7.3 S

SCALE 1½"=1'-0"



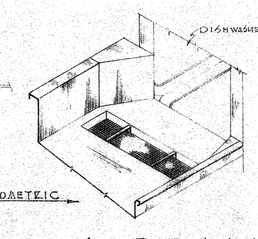
CEM. BASE A7.3 U

SCALE 3"=1'-0"



SECTION

SCALE 3"=1'-0"



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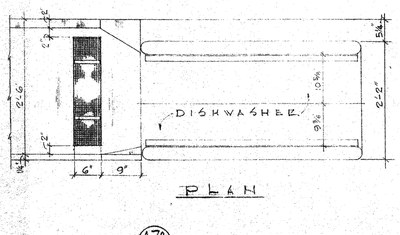


PLAN

QUICK DRAIN DETAIL A7.3 E

SCALE AS NOTED

SCALE ¾"=1'-0" UNLESS NOTED OTHERWISE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE

17633 APPROVED JAN 5 - 1959 Per. E Maag

INTERIOR ELEVATION & DETAILS

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE 1-59

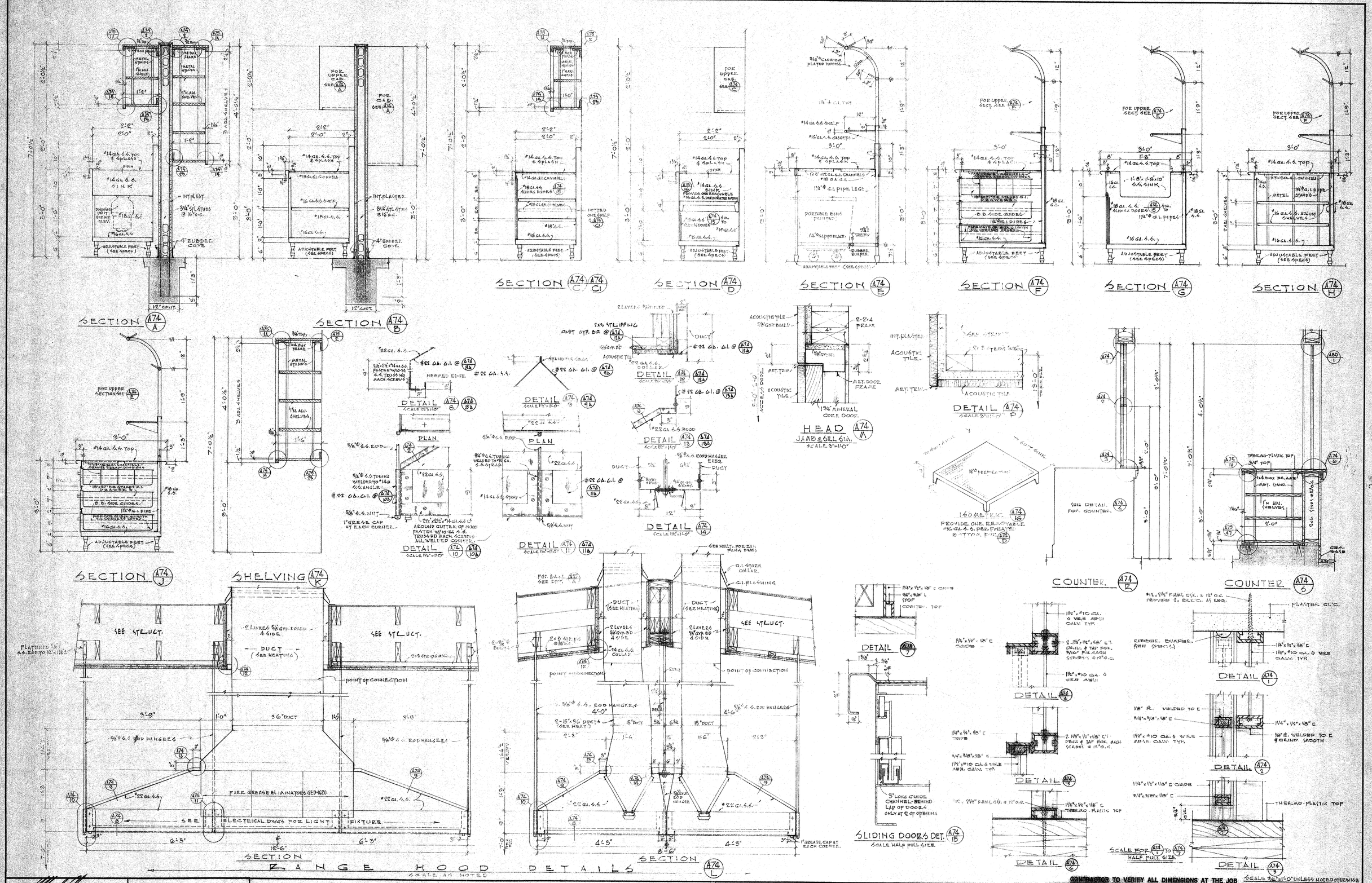
DR. BY A.C.V.

CHECKED BY C.C.S.

JOB NO. 46-71

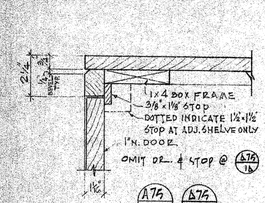
SHEET NO. A73

OF 248 SHEETS

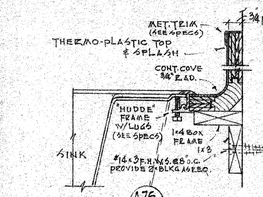


ARCHITECT	MECHANICAL ENGINEER	**KISTNER, WRIGHT & WRIGHT**	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE	INTERIOR DETAILS	DATE 1-59
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES	17883 APPROVED JAN 5 1959	LA MIRADA HIGH SCHOOL	DR. BY A.C.V.
	CIVIL ENGINEER	ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	APPLICATION NO. For E. Moay PRINCIPAL STRUCTURAL ENGINEER	EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	CHECKED BY C.C.S. JOB NO. 56-71

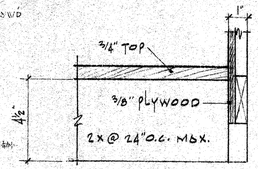
SHEET NO. A74 OF 248 SHEETS



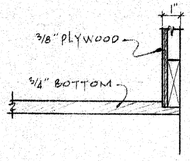
A75/1 A75/1A

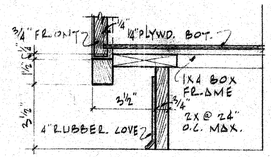


A75/9

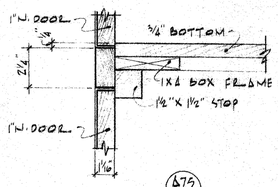


A75/17





A75/33



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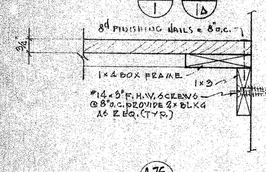
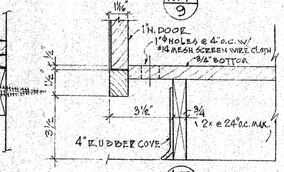
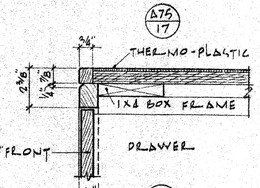


A75/2 A75/3A



A75/10



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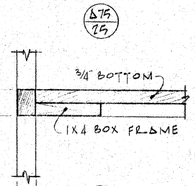
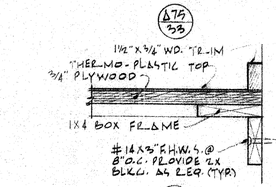
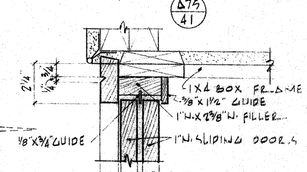


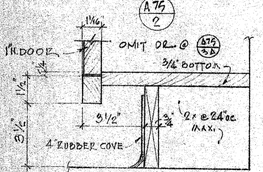
A75/26



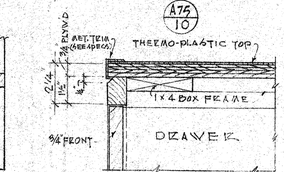
A75/34



A75/42



A75/4



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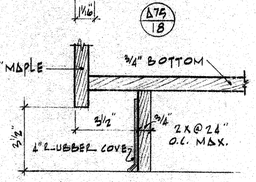
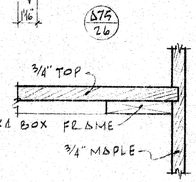
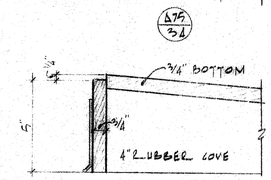


A75/20



A75/27



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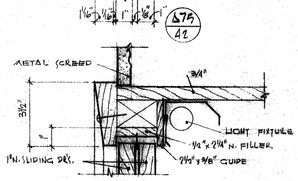

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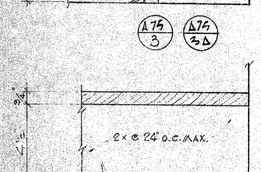

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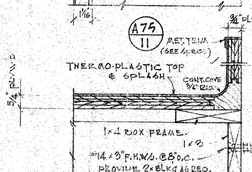

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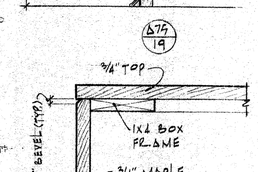
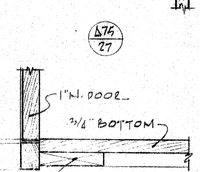
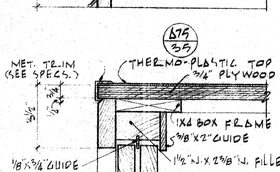


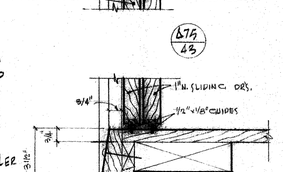
A75/21 A75/21A



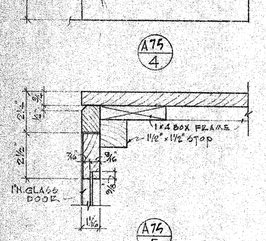
A75/29



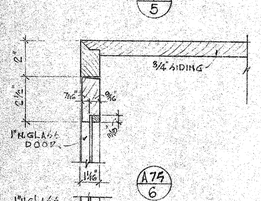
A75/37



A75/45



A75/6 A75/7



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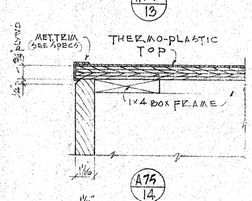

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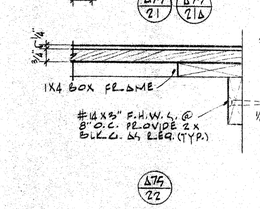
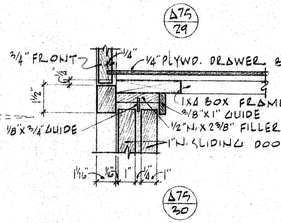
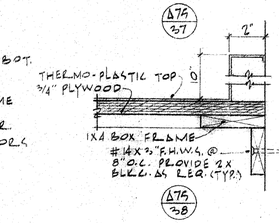


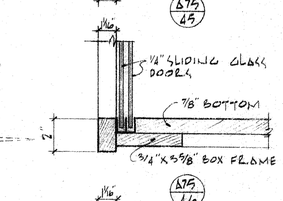
A75/22



A75/30



A75/38



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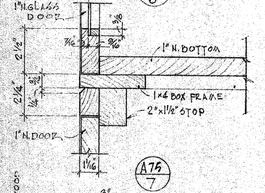

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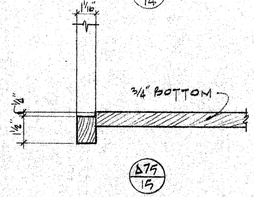

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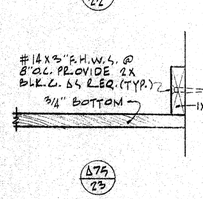

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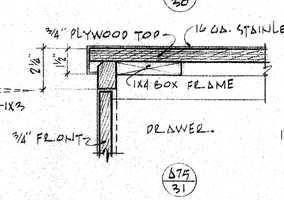

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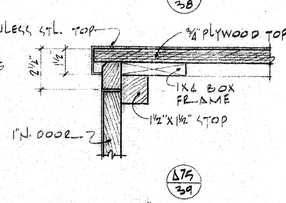
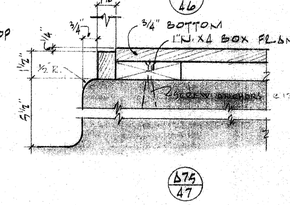
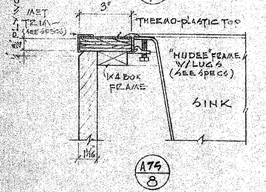


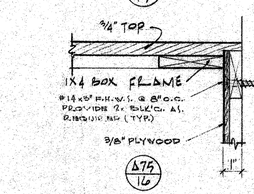
A75/39



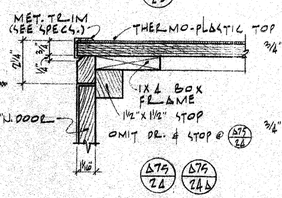
A75/47



A75/16



A75/24



A75/24 A75/24A

A75/32

A75/40 A75/40A

FOOD'S LAB. M-5

TYP. SECTION "B-B"

DEMONSTRATION MIRROR (A75/B)

SCALE: ½ HALF FULL SIZE

OCCURS IN F.O. M-5

DETAIL "A"

BOOK RETURN (A75/A)

SCALE 3"=1'-0" UNLESS NOTED OTHERWISE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

STRUCTURAL ENGINEER

MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

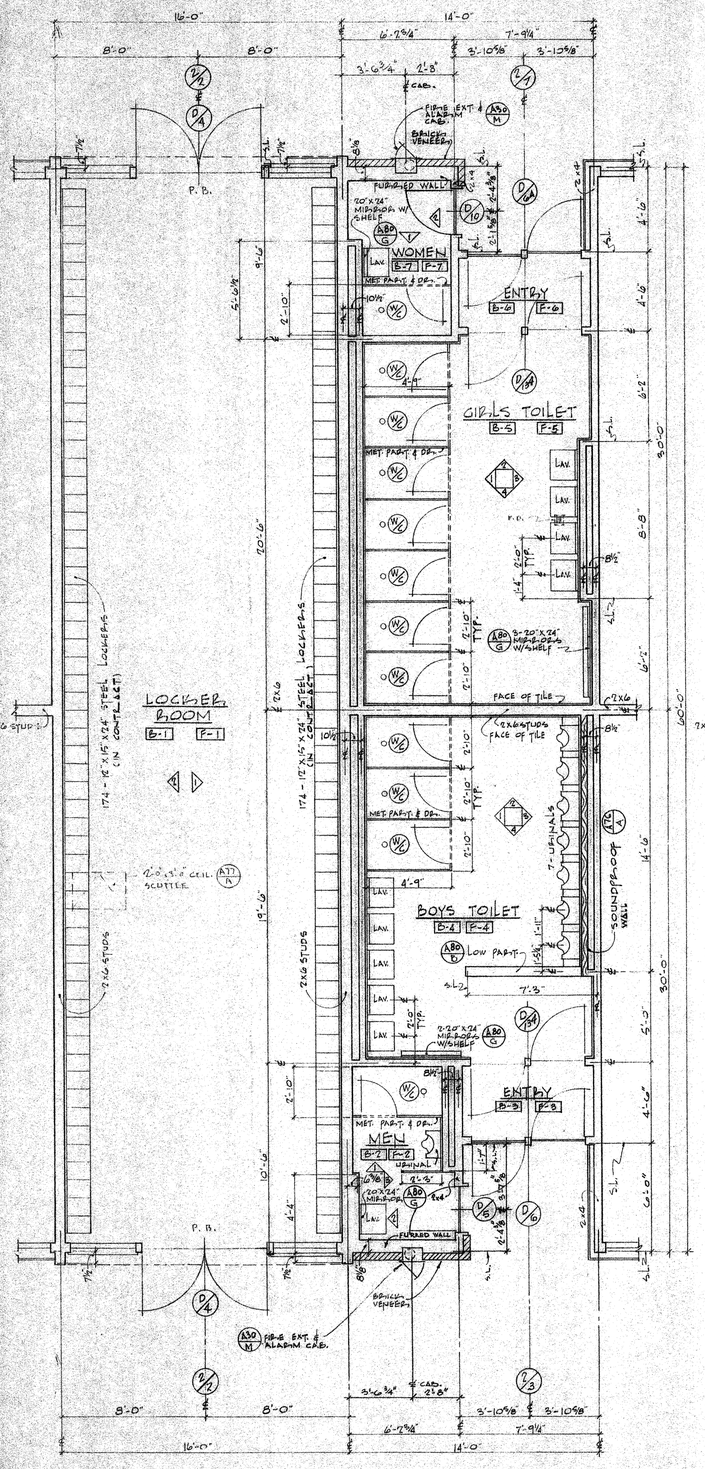
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 17856 APPROVED JUN 5 1959
for E. Maag DE
CHIEF, DIVISION OF ARCHITECTURE

TYPICAL CABINET DETAILS

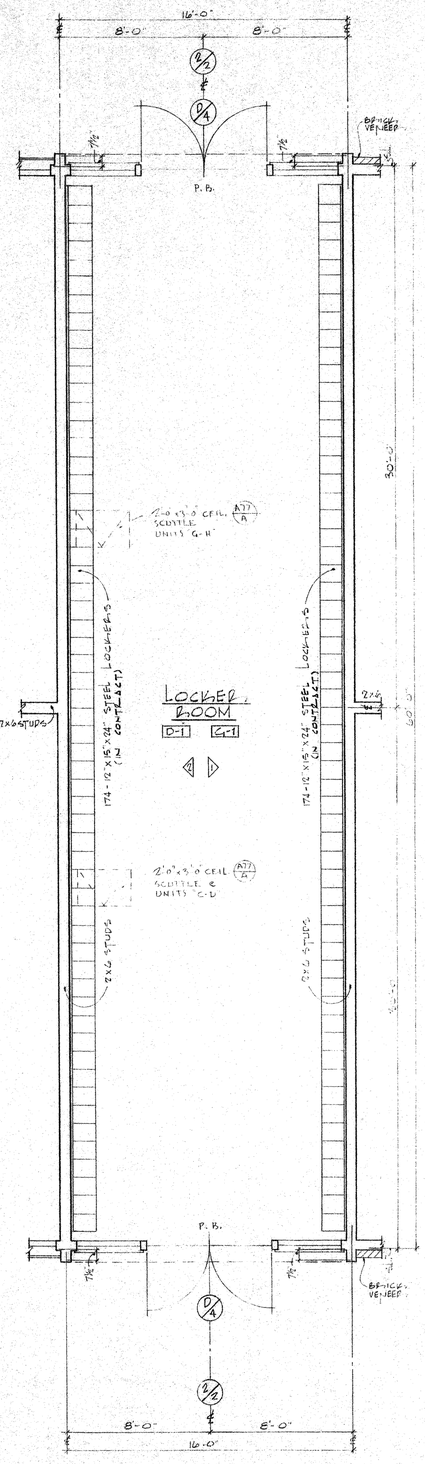
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

DATE	1-59
DR. BY	A.C.V.
CHECKED BY	C. S.
JOB NO.	56-71
SHEET NO.	A75
OF 148 SHEETS	



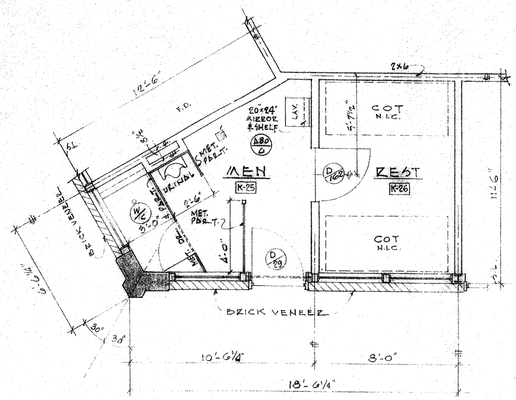
PLAN
TOILET & LOCKER AREA
1/4"=1'-0"

UNITS "B" AS SHOWN (SEE 1/8" FL. PLANS, SHT. A-7)
UNITS "F" OPP. HAND (SEE 1/8" FL. PLANS SHT. A-9)

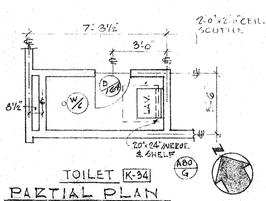


PLAN
LOCKER ROOM
1/4"=1'-0"

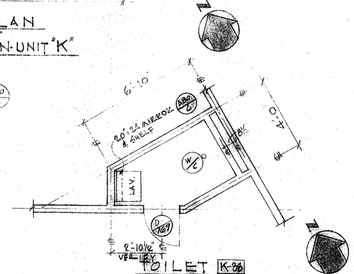
UNITS "C-D" & "G-H"



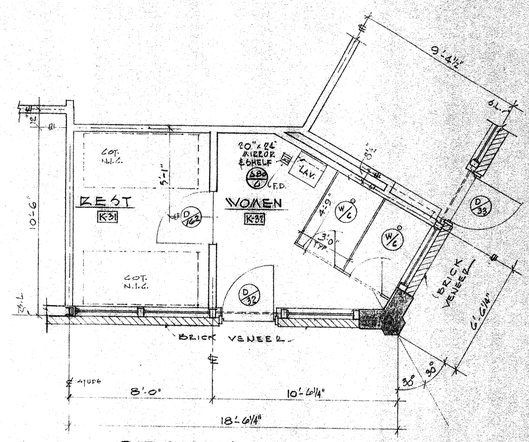
PARTIAL PLAN
SCALE 1/4"=1'-0"
ADMINISTRATION-UNIT "K"



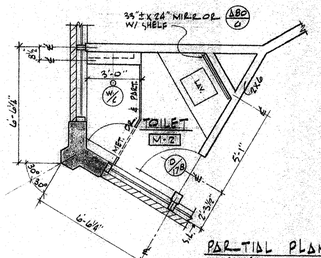
PARTIAL PLAN
SCALE 1/4"=1'-0"
ADMINISTRATION-UNIT "K"



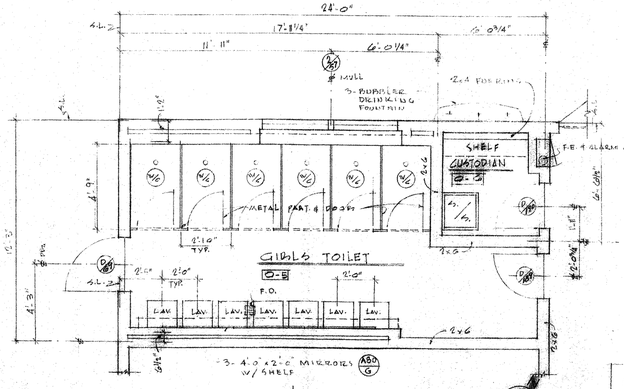
PARTIAL PLAN
SCALE 1/4"=1'-0"
ADMINISTRATION-UNIT "K"



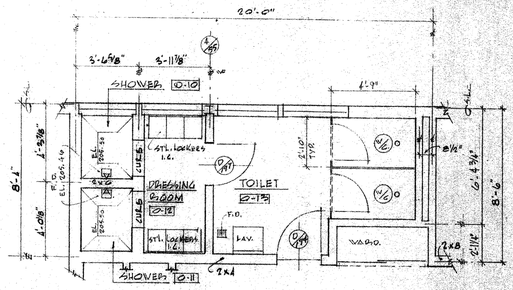
PARTIAL PLAN
SCALE 1/4"=1'-0"
ADMINISTRATION-UNIT "K"



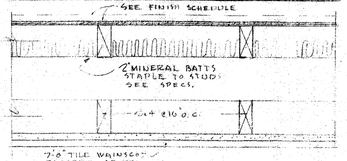
PARTIAL PLAN
SCALE 1/4"=1'-0"
HOMEMAKING-ARTS-CRAFTS
& PHOTOGRAPHY BLDG. UNIT "M"



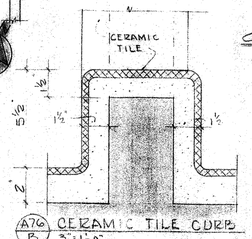
PLAN
1/4"=1'-0"
GIRLS SHOWER & LOCKER BLDG. UNIT "O"



PLAN
1/4"=1'-0"
GIRLS SHOWER & LOCKER BLDG. UNIT "O"



SOUNDPROOF WALL
1/2"=1'-0"



CERAMIC TILE CURB
3"=1'-0"

NOTE: ELEVATION TOP OF FLOOR DRAINS 2" BELOW FIN. FLR. TYP. FOR TOILET ROOMS

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT
STRUCTURAL ENGINEER

MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

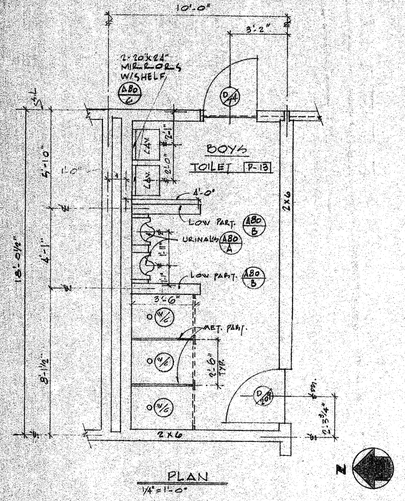
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 17855
APPROVED JAN 5 1959
By E. Mayo
FIRE MARSHAL

1/4 PLANS TOILET AREAS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

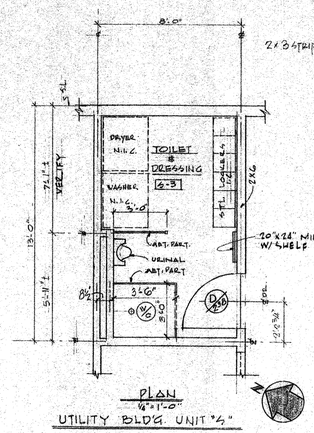
DATE 1-59
DR. BY D.M.
I.C.V.
CHECKED BY
K.W.W.
JOB NO. 56-71

SHEET NO. A76
OF 213 SHEETS



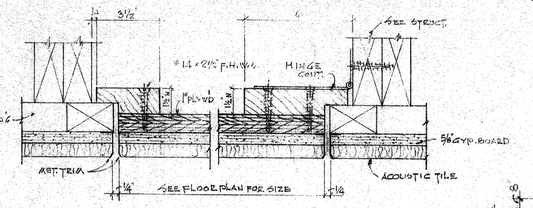
PLAN
1/4"=1'-0"

BOY'S SHOWER & LOCKER BLDG. UNIT "P"

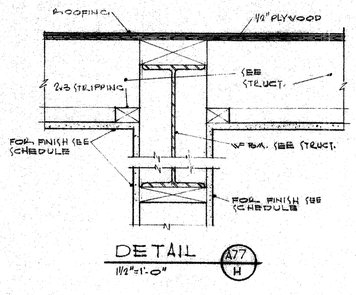


PLAN
1/4"=1'-0"

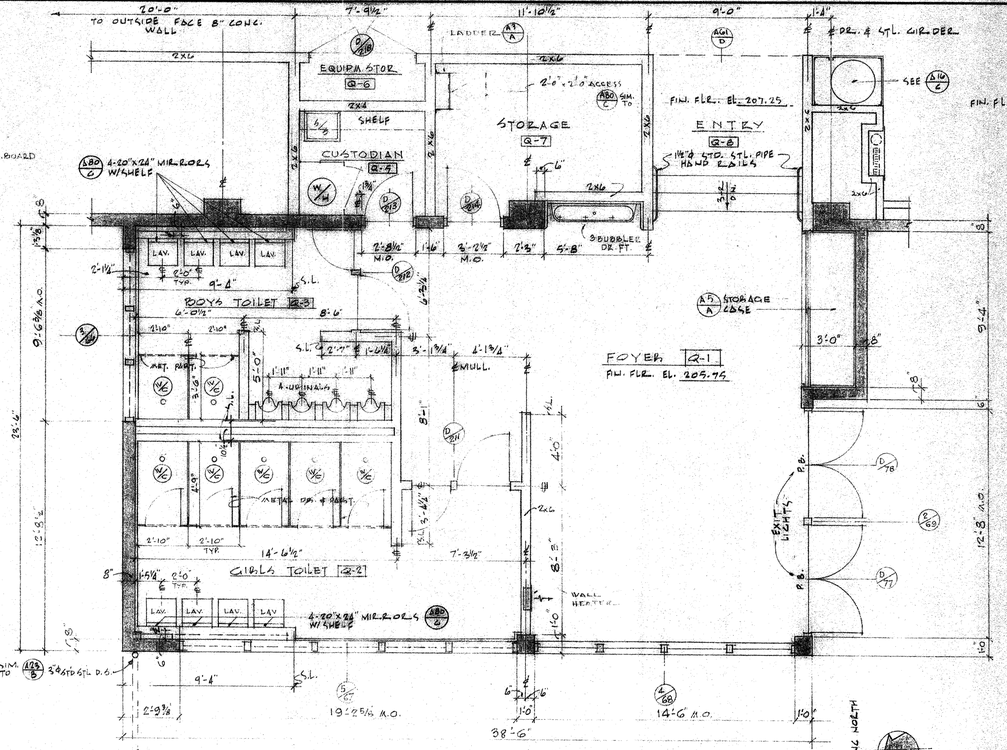
UTILITY BLDG. UNIT "S"



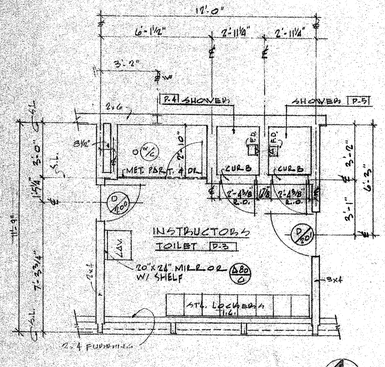
CEILING SCUTTLE A77/A
SCALE 3"=1'-0"



DETAIL A77/H
11/2"=1'-0"

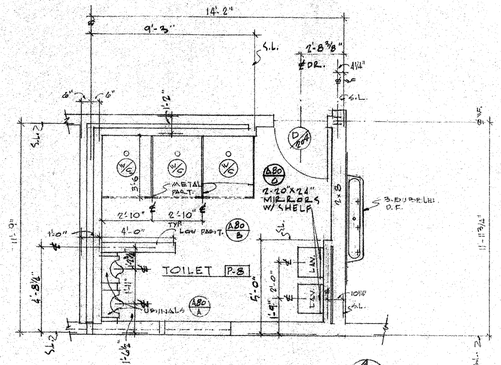


GYMNASIUM BLDG UNIT "Q"
1/4"=1'-0"



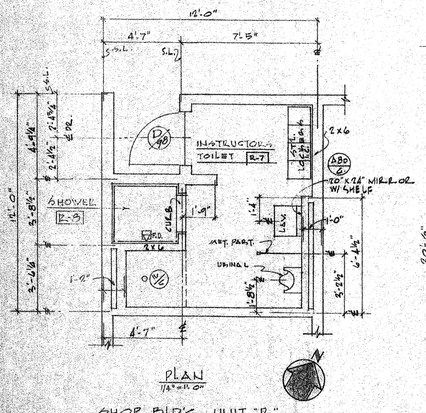
PLAN
1/4"=1'-0"

BOYS SHOWER & LOCKER BLDG. UNIT "P"



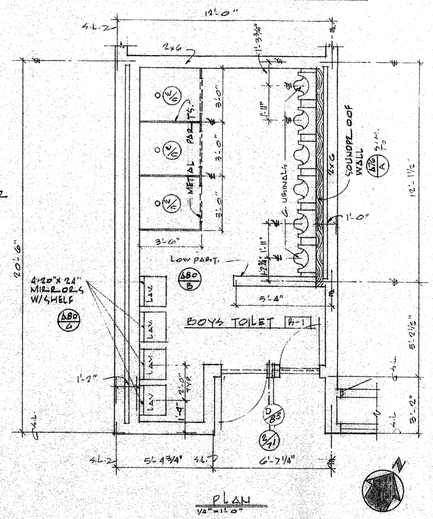
PLAN
1/4"=1'-0"

BOYS SHOWER & LOCKER BLDG. UNIT "P"



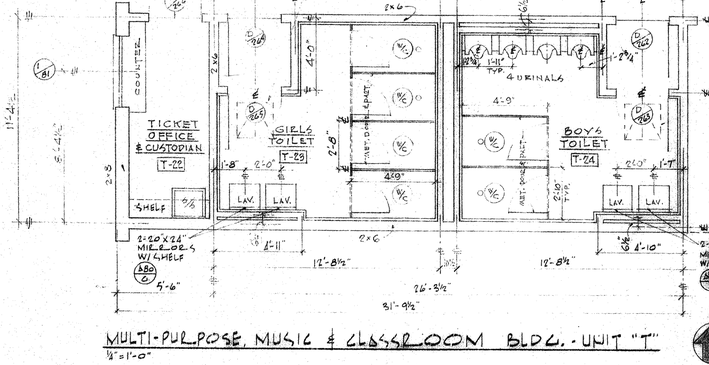
PLAN
1/4"=1'-0"

SHOP BLDG. UNIT "R"

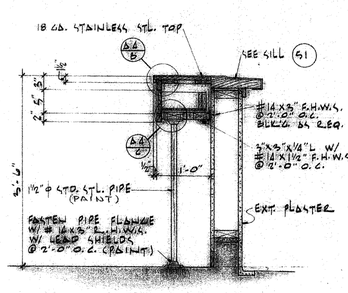


PLAN
1/4"=1'-0"

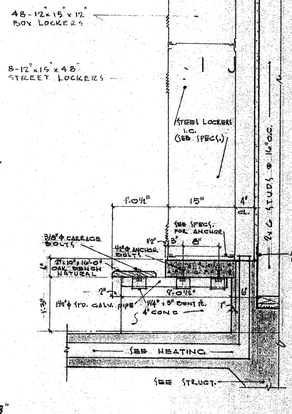
SHOP BLDG. UNIT "R"

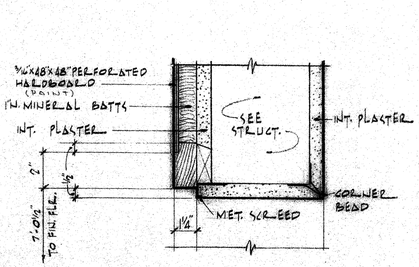


MULTI-PURPOSE, MUSIC & CLASSROOM BLDG. - UNIT "T"
1/4"=1'-0"

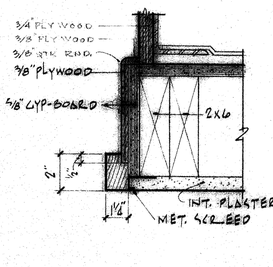


COUNTER A77/I
1/4"=1'-0"

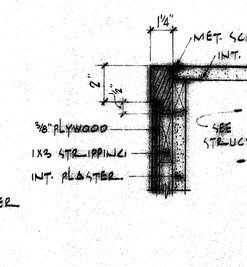




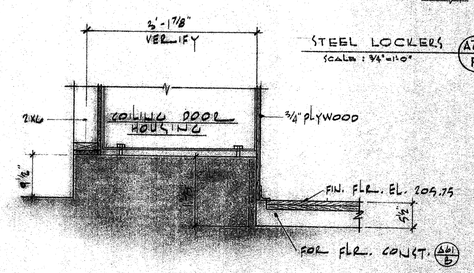
HEAD A77/G
3"=1'-0"



JAMB A77/B
3"=1'-0"



JAMB A77/C
3"=1'-0"



COILING DOOR BASE A77/D
3"=1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

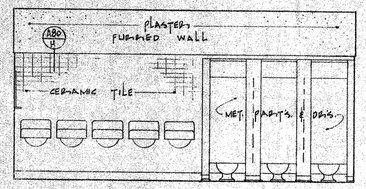
ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
	CIVIL ENGINEER	ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 12888 APPROVED JAN 5 - 1959 By [signature]

¼" PLANS TOILET AREAS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE	1-59
DR. BY	J.E.
CHECKED BY	C.C.S.
JOB NO.	56-71
SHEET NO.	A77
OF 248 SHEETS	



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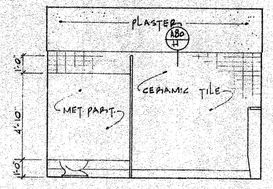

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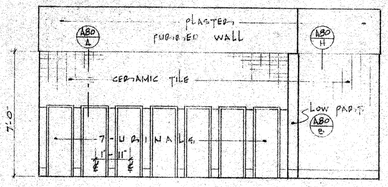

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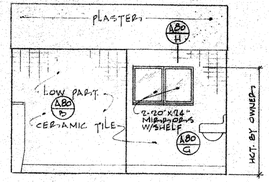
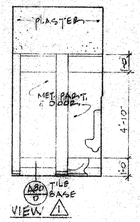


VIEW 4

BOY'S TOILET B-4 F-4 OPP. HAND



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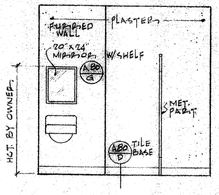

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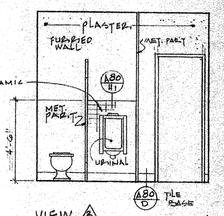
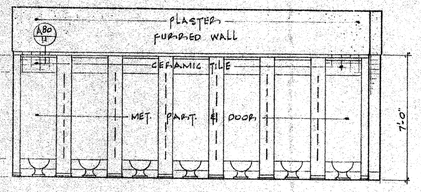


VIEW 3

MEN B-7 F-7 OPP. HAND



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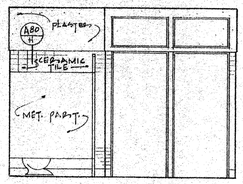

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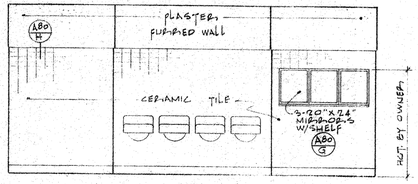

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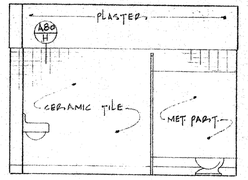
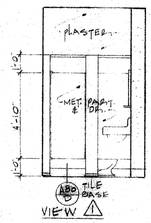


VIEW 4

GIRL'S TOILET B-5 F-5 OPP. HAND



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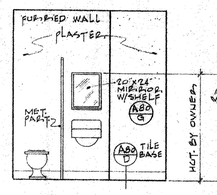
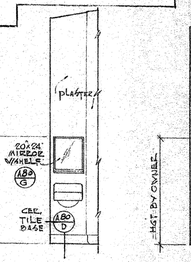
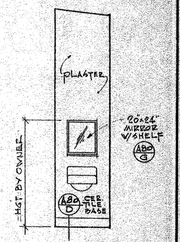


VIEW 2

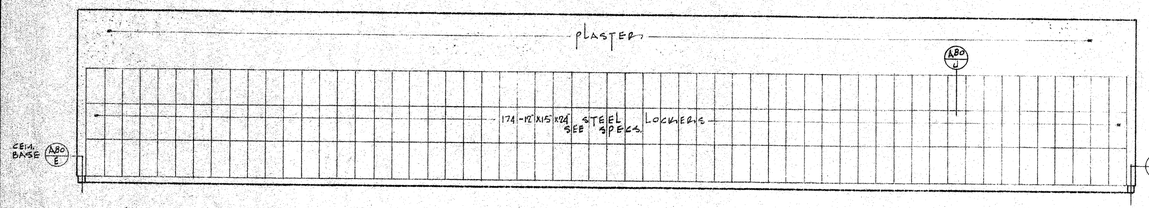


NORTH-WEST TOILET K-38



SOUTH-EAST TOILET K-34

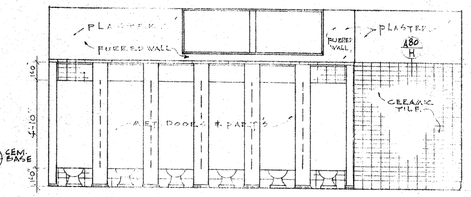
WOMEN B-7 F-7 OPP. HAND



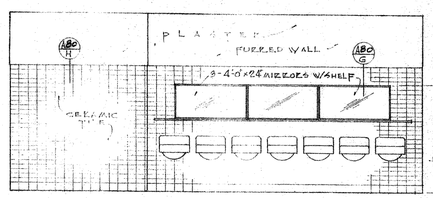
VIEW 1

VIEW 1 OPP. HAND

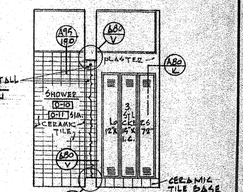
LOCKER ROOM B-1 D-1 F-1 G-1



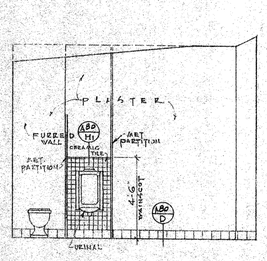
NORTH GIRLS TOILET D-5



SOUTH



NORTH SOUTH SIM. OPP. HAND
DRESSING ROOM D-12



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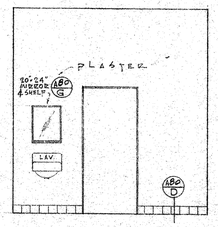

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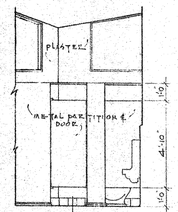
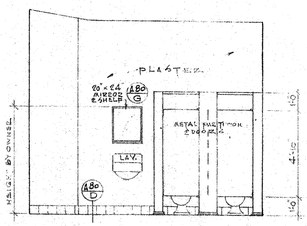


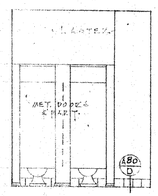
WEST

MEN K-25



EAST

WOMEN K-32



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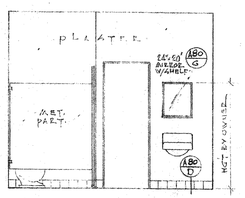
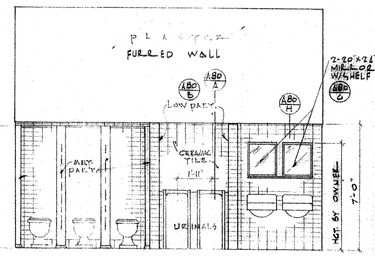
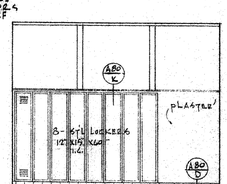


TOILET D-13 SOUTH



NORTH BOYS TOILET P-13



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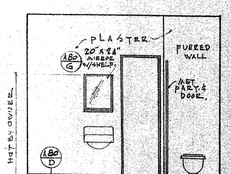
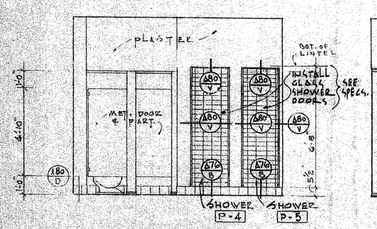
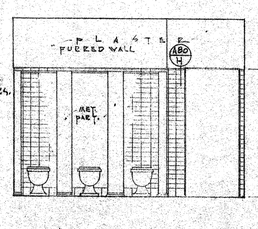


NORTH INSTRUCTORS TOILET P-3



EAST

INSTRUCTORS TOILET P-3



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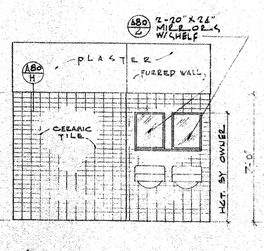
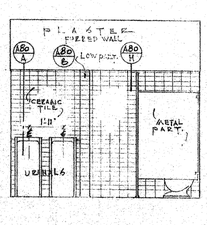


SOUTH

TOILET P-8



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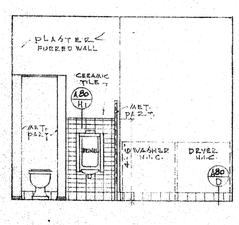

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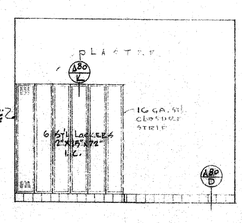
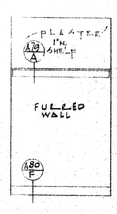
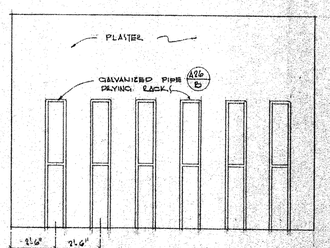


TOILET & DRESSING B-3 SOUTH



NORTH

CUSTODIAN D-6



NORTH SOUTH SIM. TO UNIFOLA EQUIPMENT RM. P-12

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

SCALE: 1/4"=1'-0"

TOILET & R.R. INTERIOR ELEVATIONS

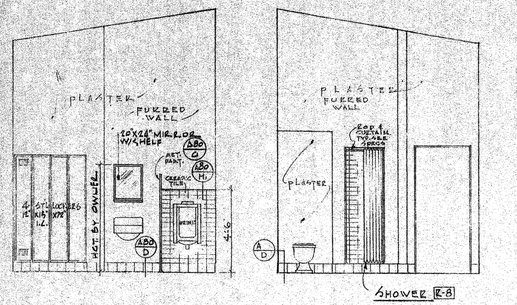
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY A.C.V. D.M.
CHECKED BY C.C.S.
JOB NO. 58-71
SHEET NO. A78
OF 248 SHEETS

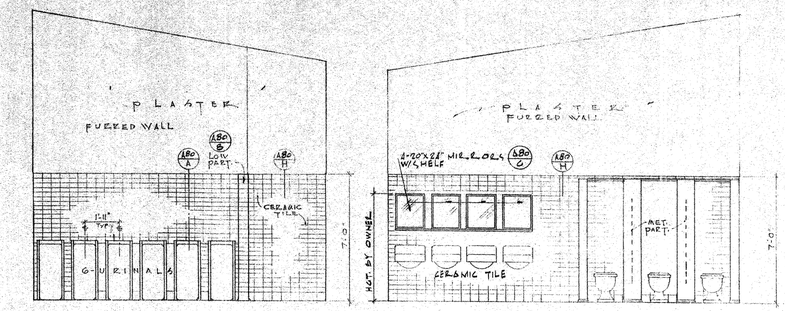
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 17881 APPROVED JAN 5 - 1959
BY E Mang DSA

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE - ENGINEERING
LOS ANGELES, CALIFORNIA

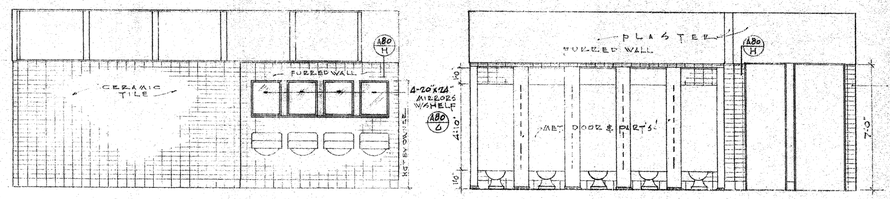
ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER



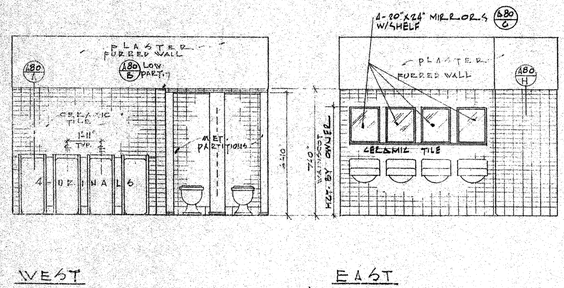
EAST WEST
INSTRUCTORS TOILET E-7



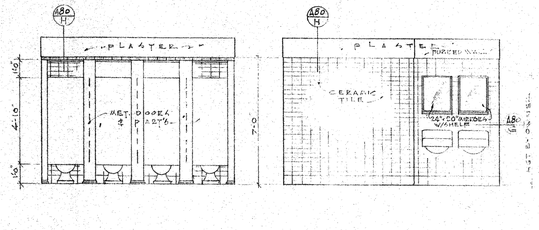
EAST WEST
BOYS TOILET E-1



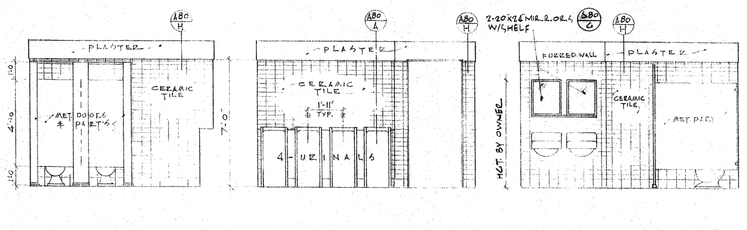
WEST EAST
GIRLS TOILET Q-2



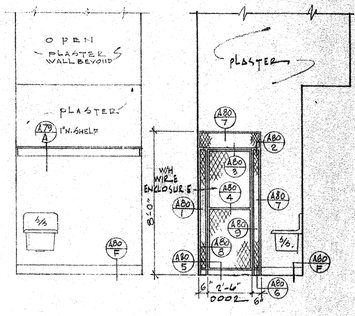
WEST EAST
BOYS TOILET Q-3



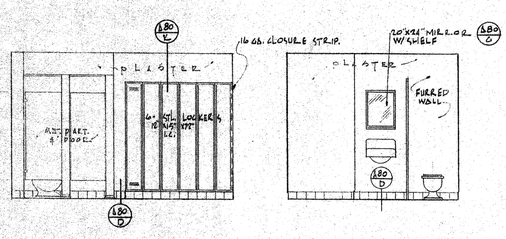
EAST SOUTH
GIRLS TOILET T-23



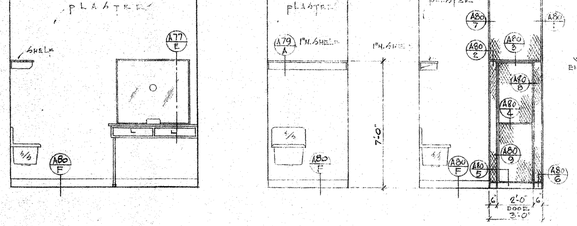
WEST NORTH
BOYS TOILET T-24



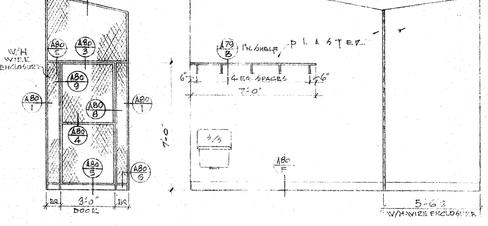
SOUTH EAST NORTH
CUSTODIAN Q-5



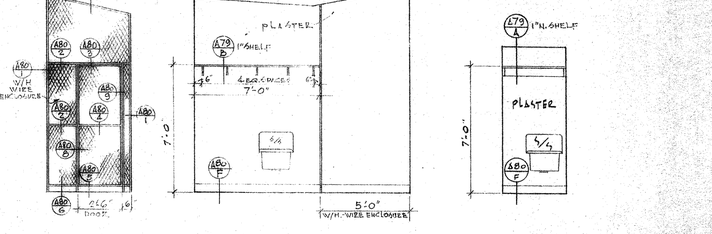
WEST SOUTH
TOILET & DRESSING T-12



WEST SOUTH NORTH-WEST
TICKET OFFICE & CUSTODIAN T-22

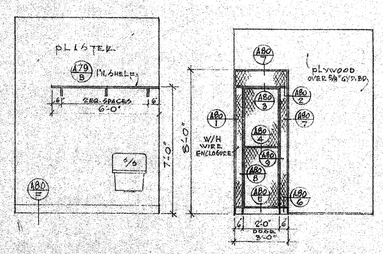


NORTH-WEST NORTH-WEST SOUTH-WEST
CUSTODIAN K-12 CUSTODIAN L-7



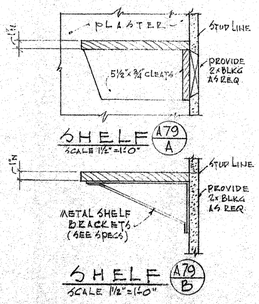
NORTH-WEST SOUTH-WEST
CUSTODIAN M-14

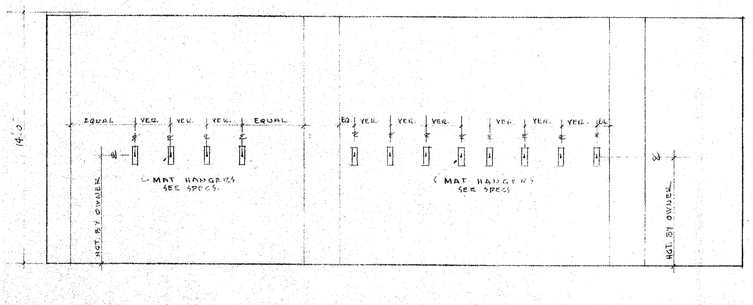
NORTH
CUSTODIAN T-20



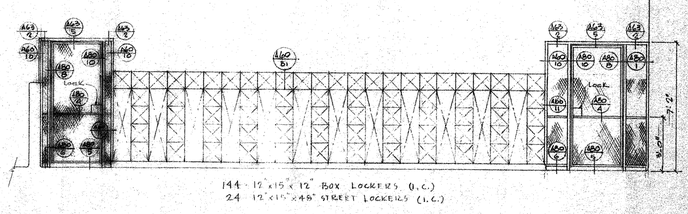
WEST
CUSTODIAN K-42

WEST
STORAGE S-1





EAST
APPARATUS ROOM Q-12



SOUTH LOCKER BANK "B"
LOCKER ROOM P-9

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

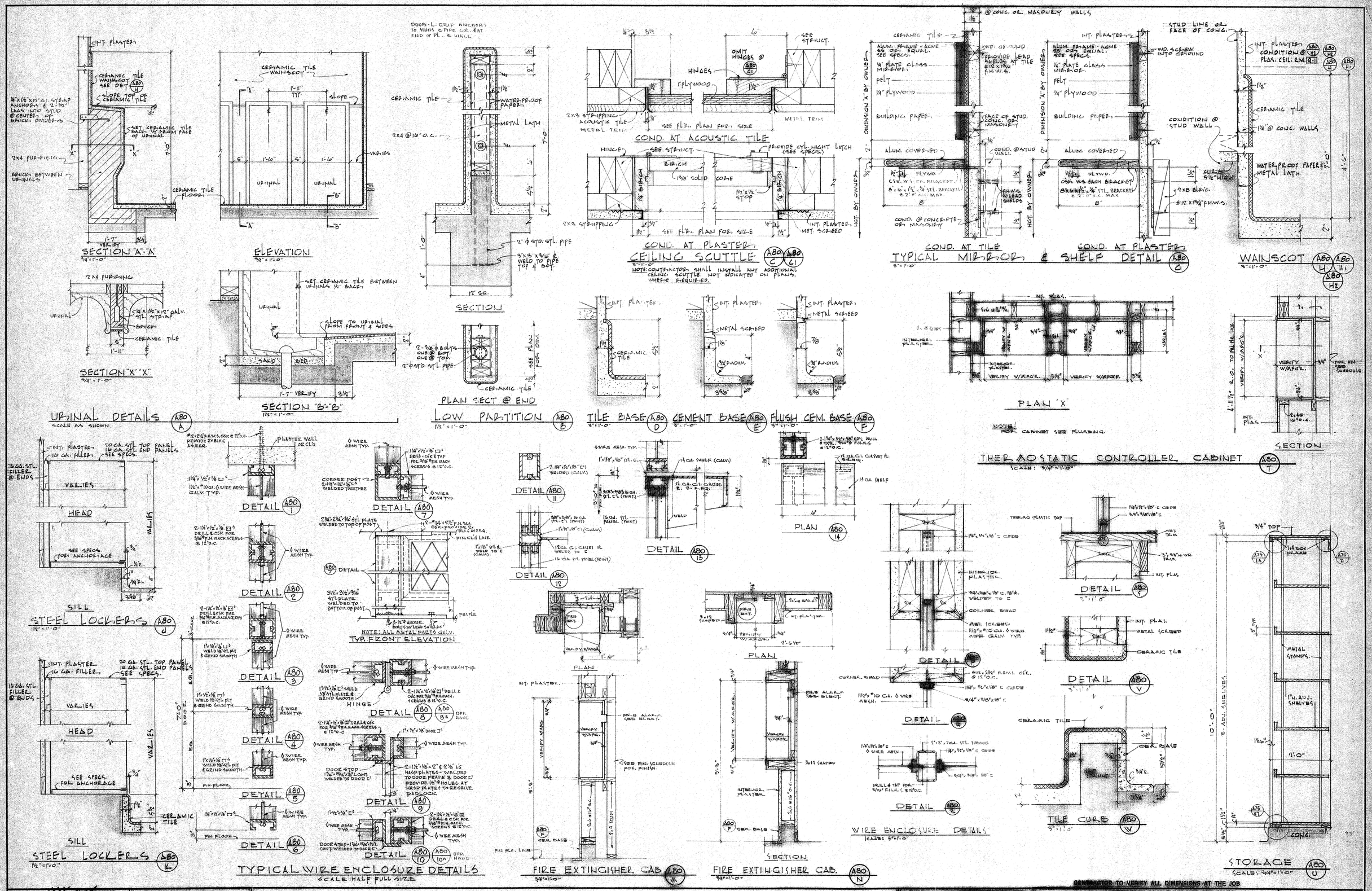
ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 17892 APPROVED JAN 6 - 1959
By E Maug DE
GENERAL SERVICES, SACRAMENTO

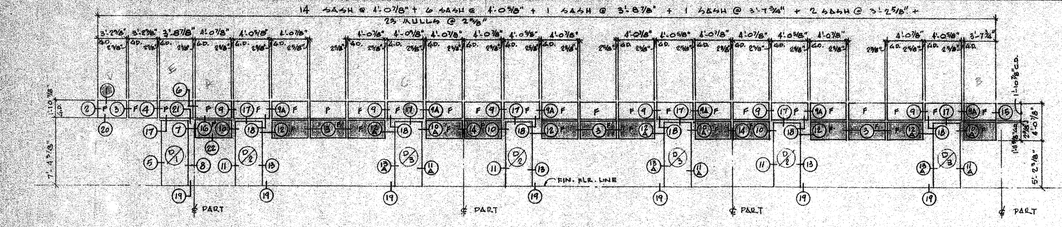
TOILET AREA INTERIOR ELEVATIONS & DETAILS
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY A.C.V.
CHECKED BY C.C.S.
JOB NO. 56-71
SHEET NO. A79
OF 248 SHEETS



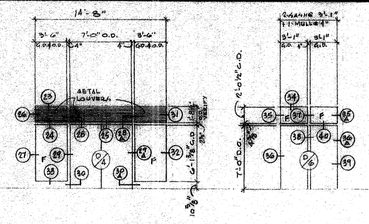
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17833 APPROVED JAN 5 - 1959 APPLICATION NO. Per E. Maag PRINCIPAL STRUCTURAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER		INTERIOR DETAILS LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA
	CIVIL ENGINEER		DATE 1-59 DR. BY DL.M.&J.R. CHECKED BY C.C.S. JOB NO. 56-71
			SHEET NO. A80 OF 248 SHEETS



LOW TRANSMISSION GLASS BELOW 7'-0"

UNIT "A" 24/1

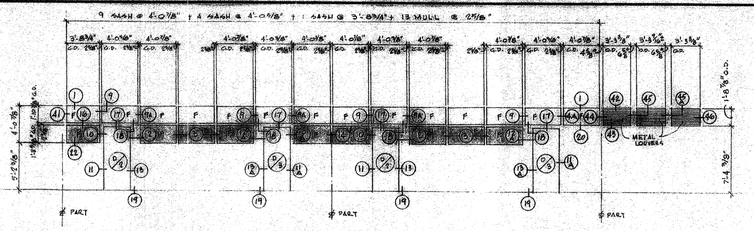


1/4" CLEAR WIRE GLASS

UNIT "B"
UNIT "D"
UNIT "E"
UNIT "C" 2/4

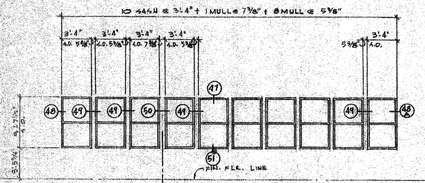
OBSCURE GLASS

UNIT "B"
UNIT "F" 2/3



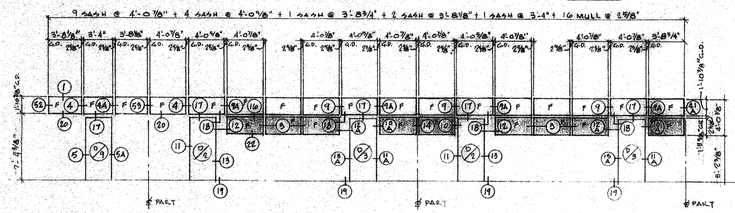
LOW TRANSMISSION GLASS BELOW 7'-0"

UNIT "B"
UNIT "F" 14/4



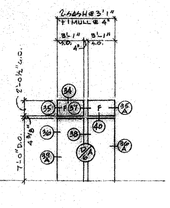
DOUBLE HUNG STEEL SASH WITH SLIDE-UP ACCESSORIES

UNIT "B" 10/5



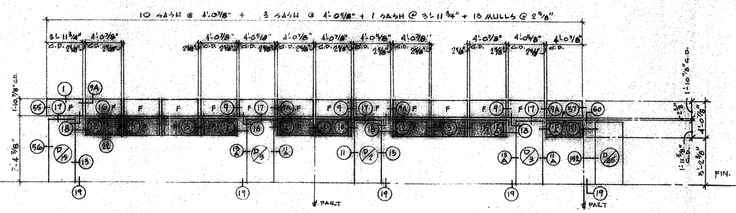
LOW TRANSMISSION GLASS BELOW 7'-0"

UNIT "B"
UNIT "E" 17/6



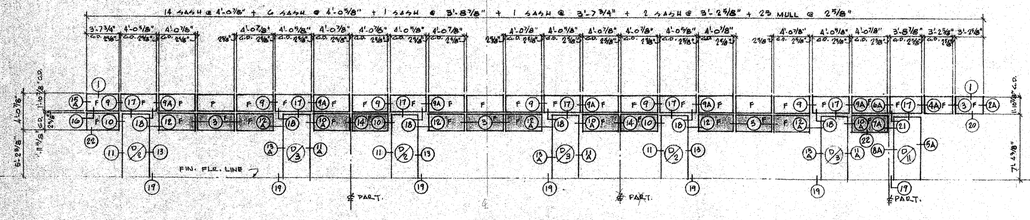
OBSCURE GLASS

UNIT "B"
UNIT "F" 2/1



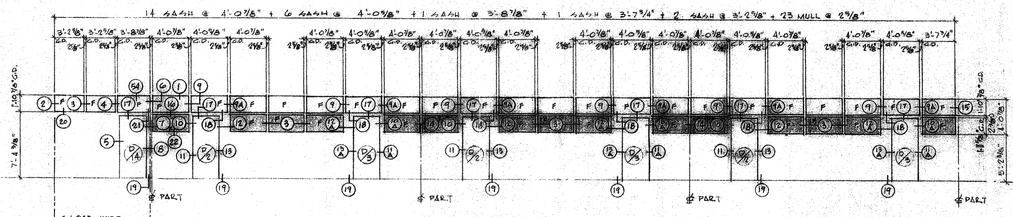
LOW TRANSMISSION GLASS BELOW 7'-0"

UNIT "D" 14/10



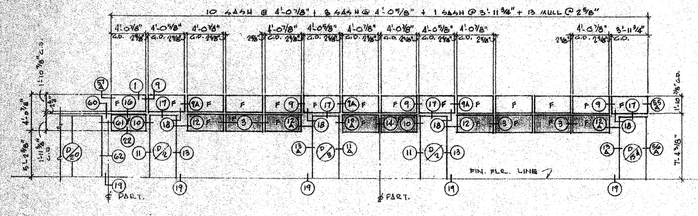
LOW TRANSMISSION GLASS BELOW 7'-0"

UNIT "A"
UNIT "B" 24/8



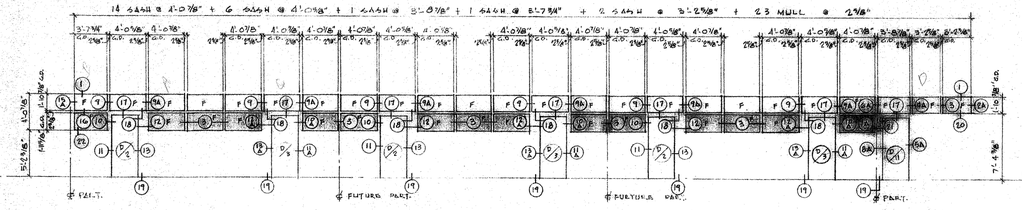
LOW TRANSMISSION GLASS BELOW 7'-0"

UNIT "C" 24/9



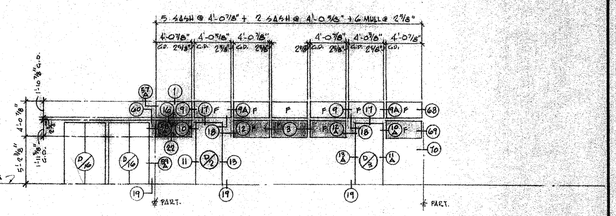
LOW TRANSMISSION GLASS BELOW 7'-0"

UNIT "D" 14/11



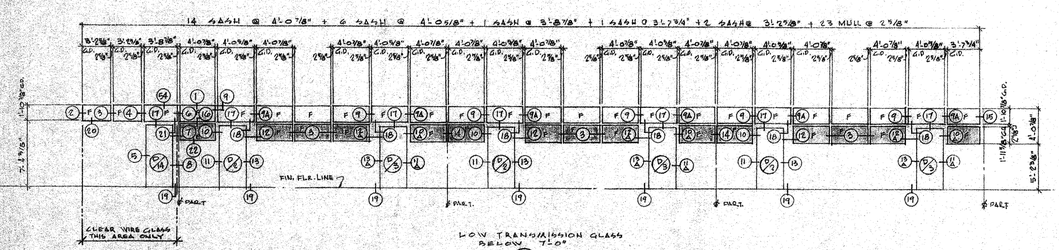
LOW TRANSMISSION GLASS BELOW 7'-0"

UNIT "C" 24/12



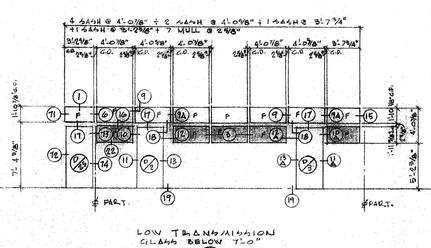
LOW TRANSMISSION GLASS BELOW 7'-0"

UNIT "H" 7/15



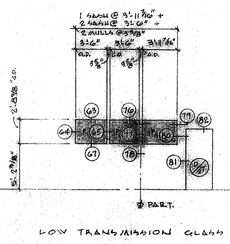
LOW TRANSMISSION GLASS BELOW 7'-0"

UNIT "E" 24/13



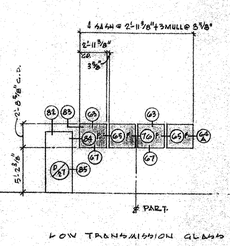
LOW TRANSMISSION GLASS BELOW 7'-0"

UNIT "H" 6/16



LOW TRANSMISSION GLASS

UNIT "G" 3/18



LOW TRANSMISSION GLASS

UNIT "G" 4/19

NOTE: FOR SASH GROUP 10/14
SEE SHEET A-82

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. 1788 APPROVED JAN 5 - 1959

By E. Maag

WINDOW SCHEDULE

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE 1-59

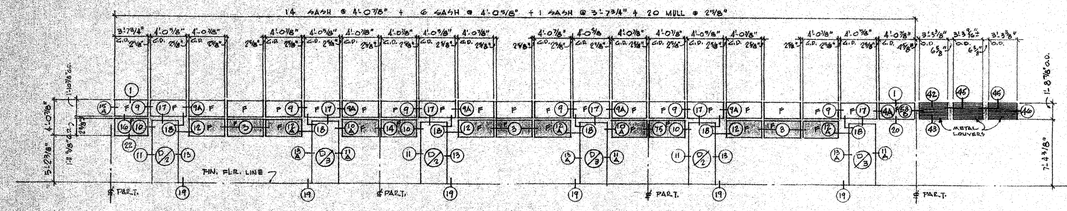
DR. BY J.R.-D.B.W.

CHECKED BY C.C.S.

JOB NO. SC-71

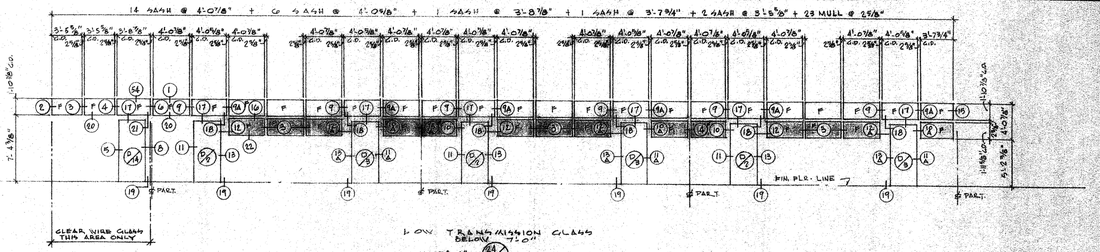
SHEET NO. A81

OF 248 SHEETS



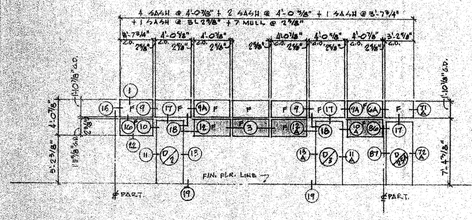
LOW TRANSMISSION GLASS BELOW 7'-0"

UNIT "G" 21/11



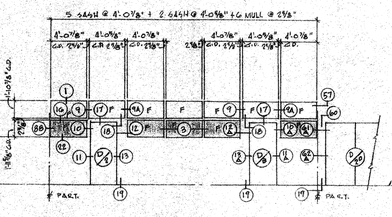
LOW TRANSMISSION GLASS BELOW 7'-0"

UNIT "G" 24/20



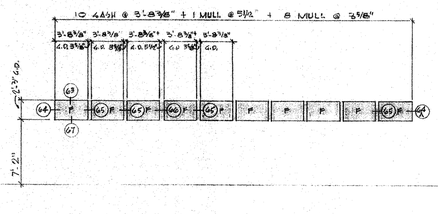
LOW TRANSMISSION GLASS BELOW 7'-0"

UNIT "H" 9/21



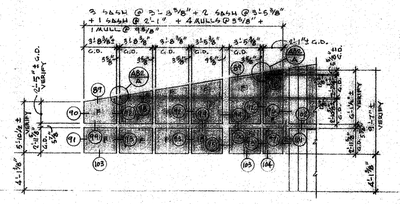
LOW TRANSMISSION GLASS BELOW 7'-0"

UNIT "H" 7/22



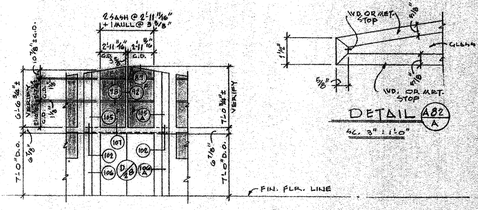
LOW TRANSMISSION GLASS

UNIT "F" 10/14



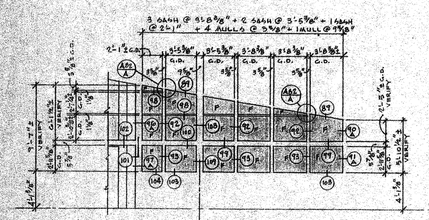
LOW TRANSMISSION GLASS

UNIT "K" 6/25



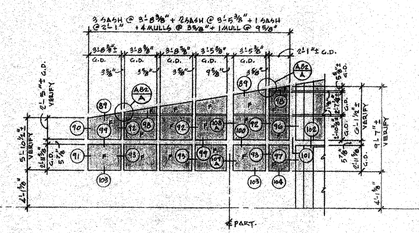
LOW TRANSMISSION GLASS

UNIT "K" 5/24



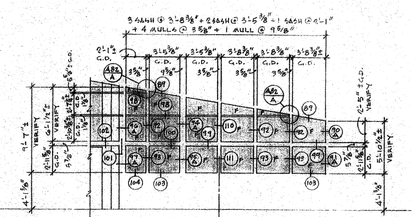
LOW TRANSMISSION GLASS

UNIT "K" 6/45



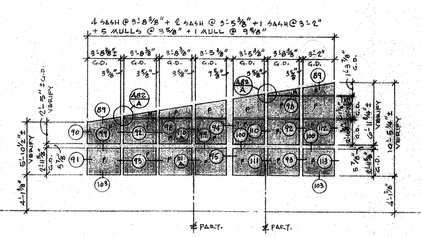
LOW TRANSMISSION GLASS

UNIT "K" 6/46



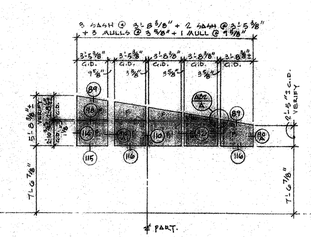
LOW TRANSMISSION GLASS

UNIT "K" 6/47



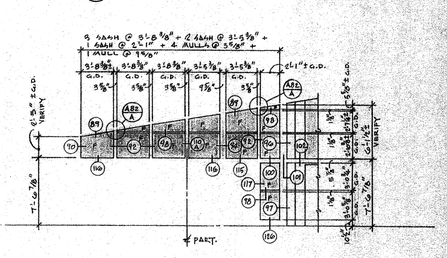
LOW TRANSMISSION GLASS

UNIT "K" 1/28



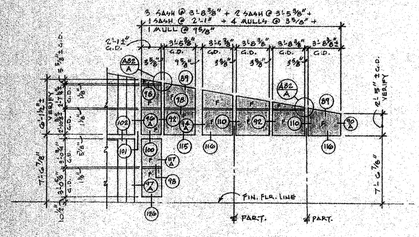
LOW TRANSMISSION GLASS

UNIT "K" 5/27



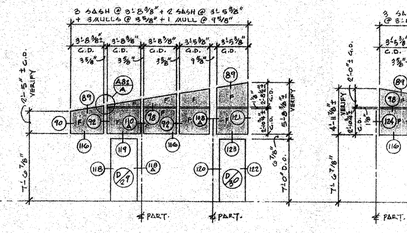
LOW TRANSMISSION GLASS

UNIT "K" 6/30



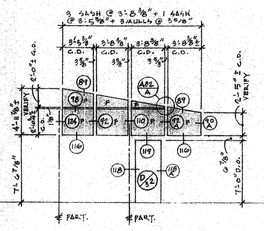
LOW TRANSMISSION GLASS

UNIT "K" 6/51



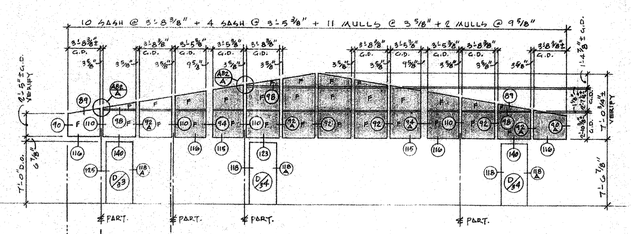
LOW TRANSMISSION GLASS

UNIT "K" 5/52



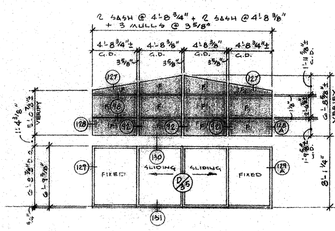
LOW TRANSMISSION GLASS

UNIT "K" 4/55



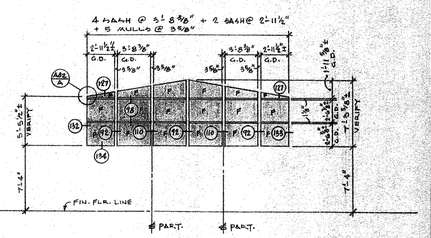
LOW TRANSMISSION GLASS

UNIT "K" 14/34



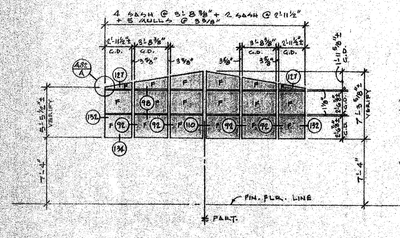
LOW TRANSMISSION GLASS ABOVE 7'-11"

UNIT "K" 4/35



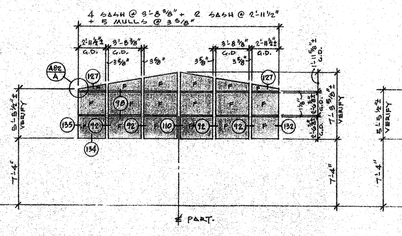
LOW TRANSMISSION GLASS

UNIT "K" 6/50



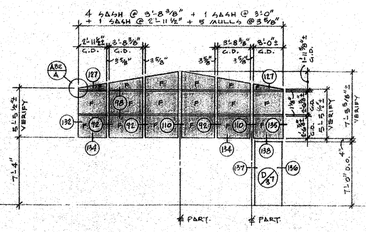
LOW TRANSMISSION GLASS

UNIT "K" 6/57



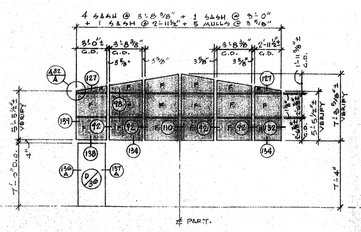
LOW TRANSMISSION GLASS

UNIT "K" 6/58



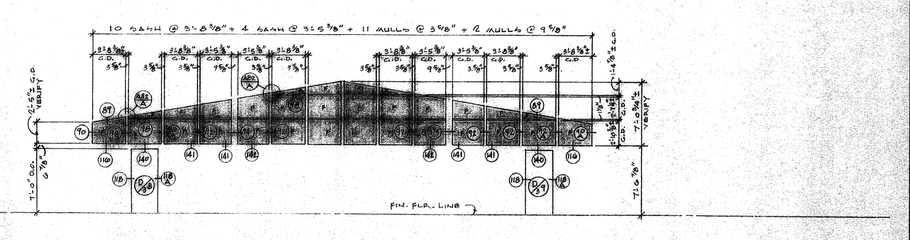
LOW TRANSMISSION GLASS

UNIT "K" 6/59



LOW TRANSMISSION GLASS

UNIT "K" 6/40



LOW TRANSMISSION GLASS

UNIT "L" 14/41

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT / STRUCTURAL ENGINEER	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
	CIVIL ENGINEER	ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 17823 APPROVED JAN 5 – 1959 By E Maag DSA
PRINCIPAL STRUCTURAL ENGINEER

WINDOW SCHEDULE

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY J.R.-D.B.-N.W.
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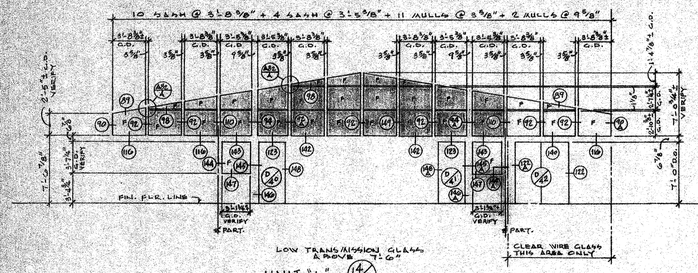
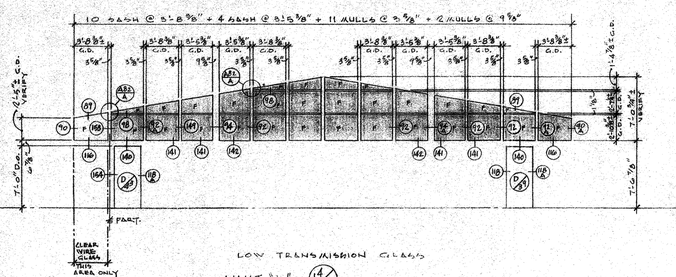
JOB NO. 56-71

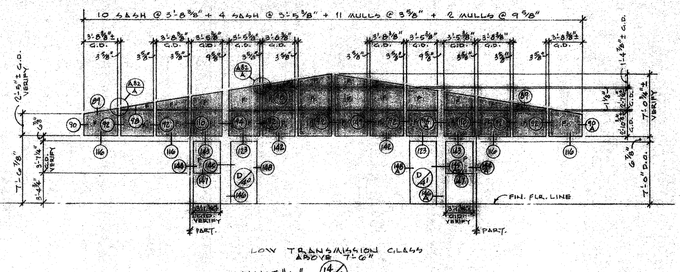
SHEET NO. A82
OF 248 SHEETS



UNIT "L" (14/2)



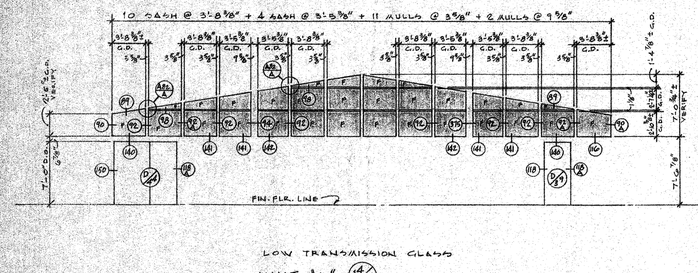
UNIT "L" (14/3)



UNIT "L" (14/4)

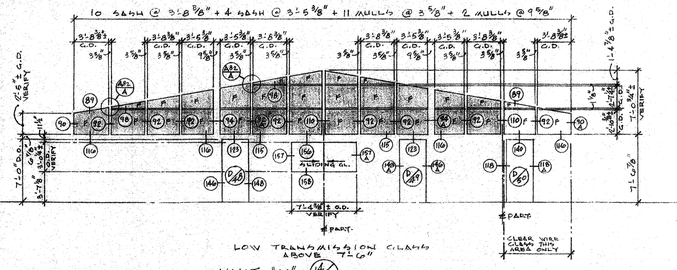
CURTAIN TRACK SCHEDULE

K-1	L-0
K-1 K-7 K-21	L-0 L-1 L-2 L-3 L-4
K-1 K-5	L-2
K-5 K-7	M-13
K-7 K-11	M-14
K-11 K-12 K-13	M-14 M-1
K-15 K-16	M-3 M-6
K-16 K-21	M-5
K-21	M-10
K-26 K-28	M-5
K-31	M-13
K-41 K-42 K-1	M-16 M-1
K-30	M-3
K-25 K-26 K-27	T-9
K-3 K-4	T-25
K-8 K-9	T-26
K-17 K-18 K-19	
K-22 K-23	
L-4	
L-4 L-5	



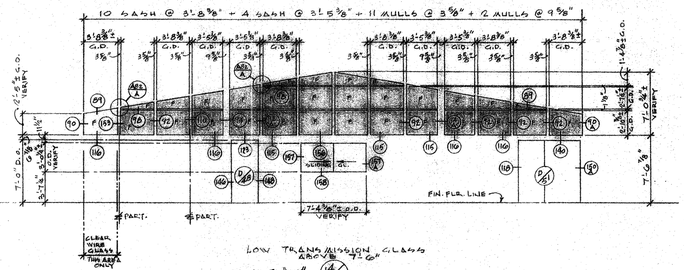
LOW TRANSMISSION GLASS ABOVE 7'-6"

UNIT "L" (14/5)



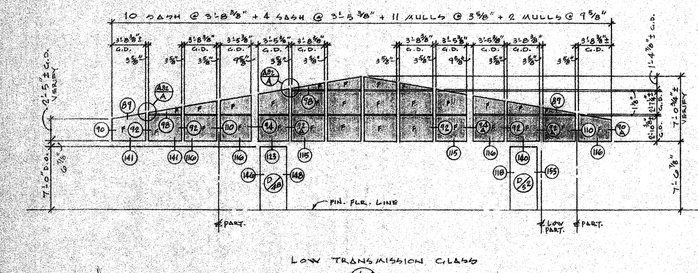
LOW TRANSMISSION GLASS ABOVE 7'-6"

UNIT "M" (14/6)



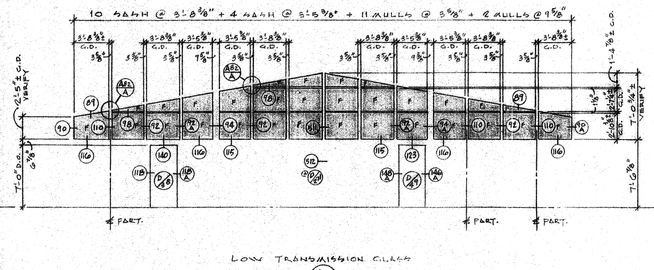
LOW TRANSMISSION GLASS ABOVE 7'-6"

UNIT "M" (14/7)



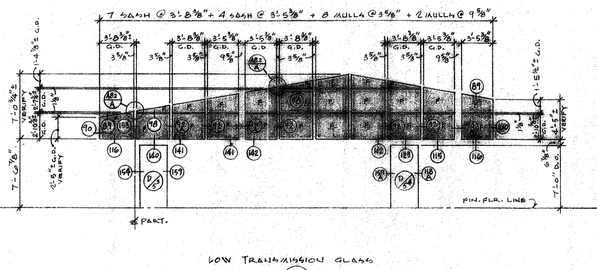
LOW TRANSMISSION GLASS

UNIT "M" (14/8)



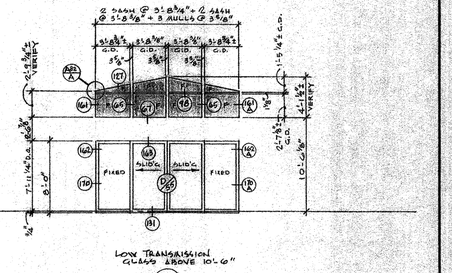
LOW TRANSMISSION GLASS

UNIT "M" (14/9)



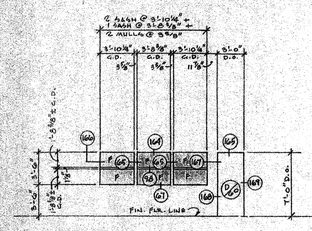
LOW TRANSMISSION GLASS

UNIT "M" (11/10)



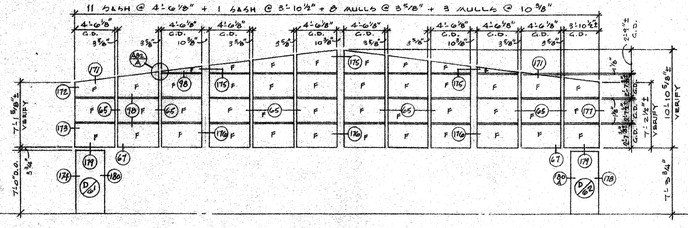
LOW TRANSMISSION GLASS ABOVE 10'-6"

UNIT "M" (4/61)



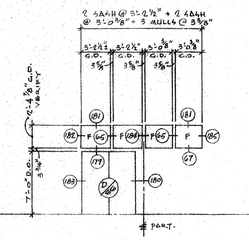
LOW TRANSMISSION GLASS

UNIT "M" (3/62)



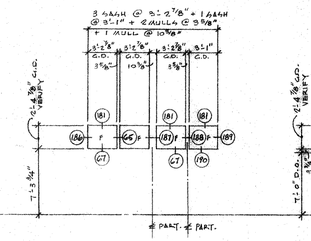
OBSCURE GLASS

UNIT "O" (12/63)



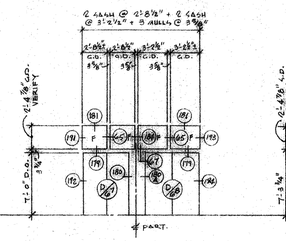
OBSCURE GLASS

UNIT "O" (4/64)



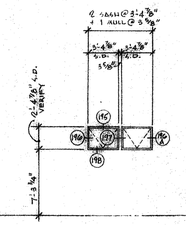
OBSCURE GLASS

UNIT "O" (4/65)



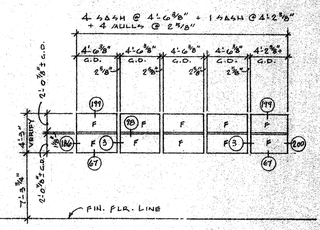
OBSCURE GLASS

UNIT "O" (4/66)



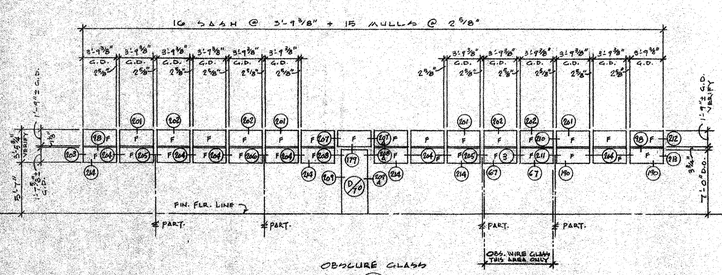
STEEL SASH OBSCURE GLASS

UNIT "O" (2/67)



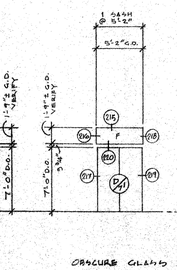
OBSCURE GLASS

UNIT "O" (4/68)



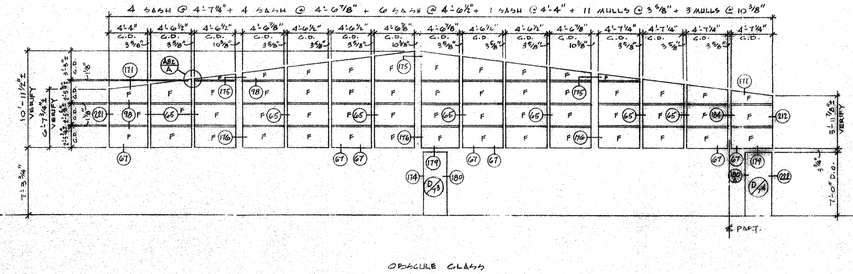
OBSCURE GLASS

UNIT "P" (10/69)



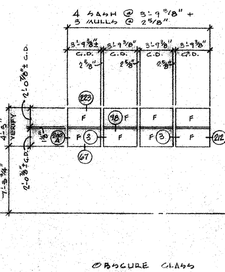
OBSCURE GLASS

UNIT "P" (1/60)



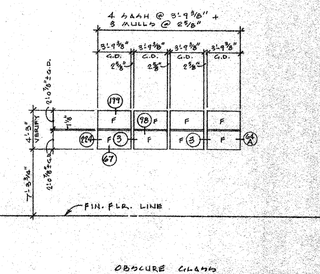
OBSCURE GLASS

UNIT "P" (15/61)



OBSCURE GLASS

UNIT "P" (4/62)



OBSCURE GLASS

UNIT "P" (4/63)

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE

APPROVED JAN 5 1959

WINDOW SCHEDULE

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE 1-59

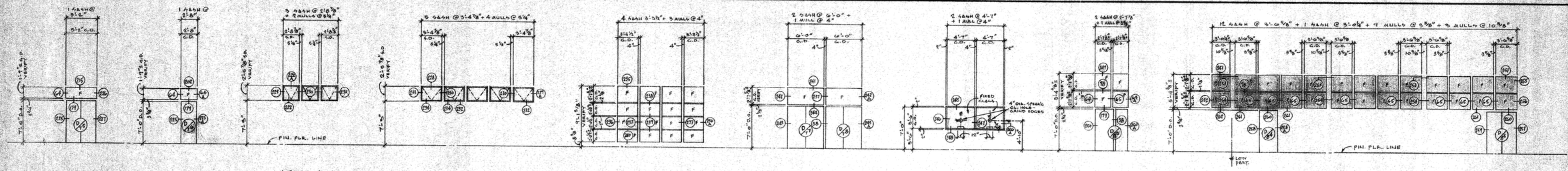
DR. BY D.B.W.

CHECKED BY C.C.S.

JOB NO. 56-71

SHEET NO. A83

OF 248 SHEETS



CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. 1783 APPROVED JAN 5 - 1959

For E. Maag BK

PRINCIPAL STRUCTURAL ENGINEER

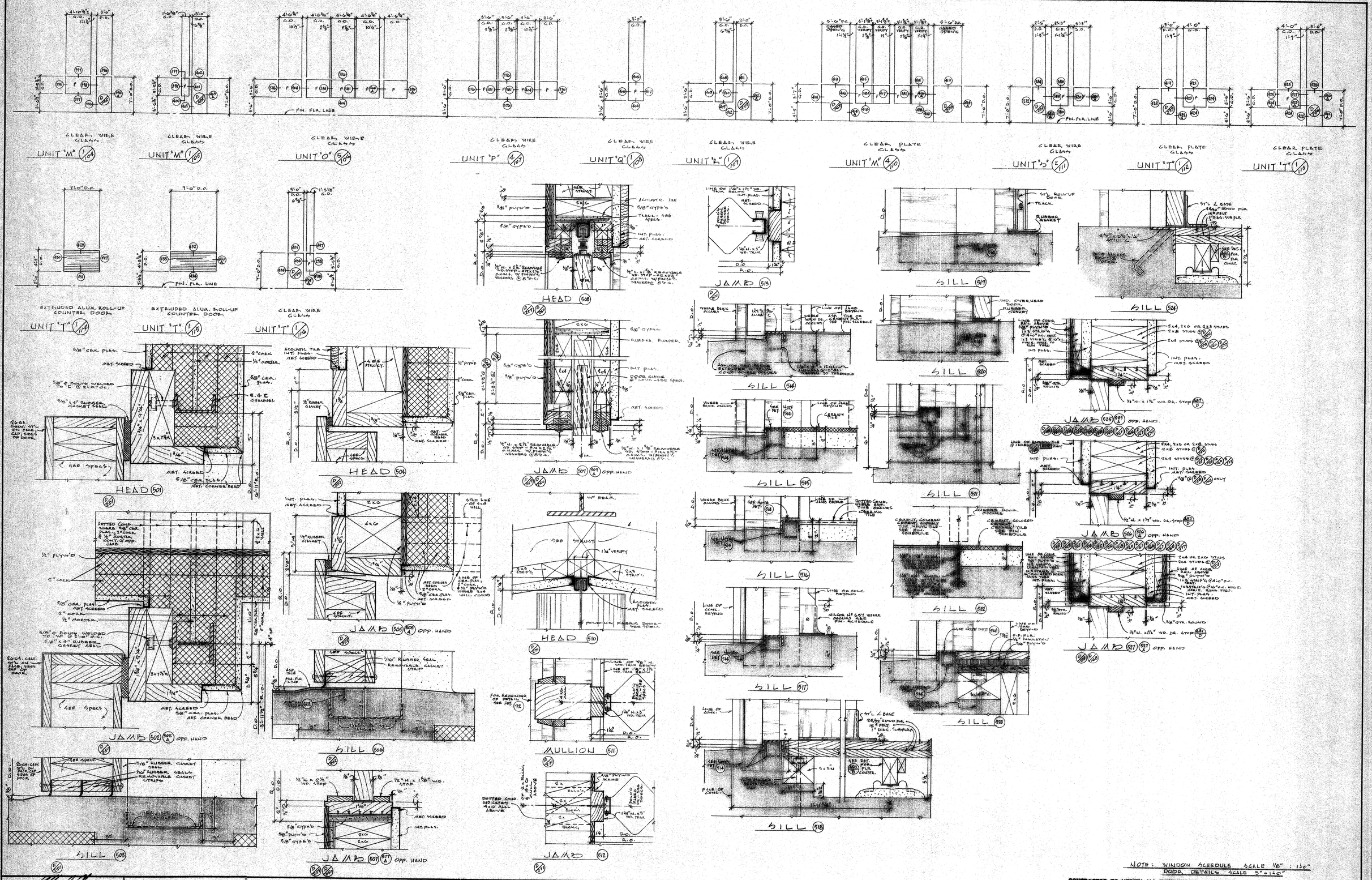
WINDOW SCHEDULE

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE	1-59
DR. BY	D-B-W
CHECKED BY	C.C.L.
JOB NO.	59-71
SHEET NO.	A84
OF	148 SHEETS



NOTE: WINDOW SCHEDULE SCALE 1/8" : 1'-0"
DOOR DETAILS SCALE 3" = 1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA – DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17833 APPROVED JAN 5 - 1959 APPLICATION NO. Per E. Maag PRINCIPAL STRUCTURAL ENGINEER	WINDOW SCHEDULE & DETAILS LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	DATE 1-59 DR. BY D.E.W. CHECKED BY C.C.S. JOB NO. 56-71
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER				SHEET NO. A85 OF 248 SHEETS
	CIVIL ENGINEER				

DOOR SCHEDULE

DR. NO.	LOCATION	OPENING SIZE	THICK.	TYPE	HEAD	JAMB	MULLION	TRANSOM	SILL	KIND	LOUVERS	GLAZING	REMARKS
1	A-1	3'-0" x 7'-0"	1¾"	A		5 B	7	17	68	HOLLOW METAL			
2	A-5 A-6 A-7 A-8 A-9 A-10 B-8 B-9 B-10 B-11 C-5 C-6 C-7 C-8 D-2 D-4 D-6 E-5 E-6 E-7 E-8 F-3 F-4 F-5 F-6 F-10 F-11 G-2 G-3 G-4 G-5 G-6 G-7 H-5 H-6 H-9 H-10	3'-0" x 7'-0"	1¾"	A		11 15	10 12	17	68	HOLLOW METAL			
3	A-5 A-6 A-7 A-8 A-9 A-10 B-8 B-9 B-10 B-11 C-5 C-6 C-7 C-8 D-1 D-3 D-5 E-5 E-6 E-7 E-8 F-3 F-4 F-5 F-6 F-10 F-11 G-2 G-3 G-4 G-5 G-6 G-7 H-5 H-6 H-9 H-10	3'-0" x 7'-0"	1¾"	A		11 15	10 12	17	68	HOLLOW METAL			
		3'-0" x 7'-0"	1¾"	A		11 15	10 12	17	68	HOLLOW METAL			
		3'-0" x 7'-0"	1¾"	A		11 15	10 12	17	68	HOLLOW METAL			
		3'-0" x 7'-0"	1¾"	A		11 15	10 12	17	68	HOLLOW METAL			
4	B-1 D-1 F-1 G-1	PR. 7'-0" x 7'-0"	1¾"	B		30 32	29 31	65	68	HOLLOW METAL			PANIC BARS
5	B-2 F-7	2'-6" x 7'-0"	1¾"	C	323	321 324			68	HOLLOW METAL			
6	B-3 F-6	2 - 3'-0" x 7'-0"	1¾"	D		36 37 39	38	60	62 63	HOLLOW METAL	1'-7" x 1'-0⅜"		
6A	B-6 F-5	2 - 3'-0" x 7'-0"	1¾"	D		36 37 40	38	62	63 64	HOLLOW METAL	2 - 2'-1" x 1'-8⅜"		
7	B-13 F-12	4'-0" x 7'-0"	1¾"	T	326	325 327		521	514	HOLLOW METAL	2 - 2'-1" x 1'-8⅜"		
8	B-12 F-13	3'-6" x 7'-0"	1¾"	A	82	69 70			68	HOLLOW METAL			
9	B-10 F-15	3'-0" x 7'-0"	1¾"	E		5 5A		17	68	HOLLOW METAL			
10	B-7 F-2	2'-6" x 7'-0"	1¾"	C	323	321 324			66	HOLLOW METAL	DUTCH DOOR		
11	A-4 C-4 B-4	3'-0" x 7'-0"	1¾"	A		5A 8A	7A	17	68	HOLLOW METAL	1'-7" x 1'-0⅜"		
12	A-3	4'-0" x 7'-0"	1¾"	U	326	323 330		517	514	HOLLOW METAL			
13	A-2	3'-0" x 7'-0"	1¾"	C	331	325 332			68	HOLLOW METAL	2'-1" x 1'-0⅜"		
14	C-1 E-1 G-12	3'-0" x 7'-0"	1¾"	C		5 8	7	17	68	HOLLOW METAL	2'-1" x 1'-0⅜"	FUSIBLE LINK FIRE DAMPER	
15	D-5	3'-0" x 7'-0"	1¾"	A		13 56	12	17	68	HOLLOW METAL			
15A	D-2	3'-0" x 7'-0"	1¾"	A		13 56	12	17	68	HOLLOW METAL			
16	H-2	PR. 4'-6" x 7'-0"	1¾"	F	330	51 314	50 315		314	HOLLOW METAL	2 - 1'-4" x 1'-0⅜"		
17	D-9	4'-0" x 7'-0"	1¾"	T	326	325 330		517	514	HOLLOW METAL			
17A	H-1	4'-0" x 7'-0"	1¾"	U	326	325 328		517	514	HOLLOW METAL		CLASS "E" OPENING ASSEMBLY	
18	D-7	3'-0" x 7'-0"	1¾"	T	326	325 330		517	514	HOLLOW METAL		CLASS "E" OPENING ASSEMBLY	
18A	H-3	3'-0" x 7'-0"	1¾"	U	326	325 328		517	514	HOLLOW METAL			
19	D-6	3'-0" x 7'-0"	1¾"	U	326	325 328		517	514	HOLLOW METAL	2'-1" x 1'-0⅜"		
19A	H-4	3'-0" x 7'-0"	1¾"	T	326	325 330		517	514	HOLLOW METAL	2'-1" x 1'-0⅜"		
20	D-6 H-4	PR. 5'-8" x 7'-6"	1¾"	F	333	61 62 64 65	61 62 336		514	HOLLOW METAL	2 - 1'-11" x 1'-0⅜"		
21	C-2	4'-0" x 7'-0"	1¾"	U	326	325 330		517	514	HOLLOW METAL			
22	E-5	4'-0" x 7'-0"	1¾"	U	326	325 330		517	514	HOLLOW METAL			
23	D-7 H-3	PR. 7'-10" x 7'-0"	1¾"	K		A31 A31	A31	A31	A31	HOLLOW METAL	2 - 3'-0" x 5'-5½"	SEE SHEET A-31	
24	B-2	PR. 5'-6" x 7'-0"	1¾"	F	331	332 334			314	HOLLOW METAL	2 - 1'-10" x 1'-0⅜"		
25	H-7	3'-0" x 7'-0"	1¾"	A		72 74	73	17	64	HOLLOW METAL			
25A	H-8	3'-0" x 7'-0"	1¾"	A		72 57	86	17	64	HOLLOW METAL			
26	G-8	4'-0" x 7'-0"	1¾"	T	326	325 330		517	514	HOLLOW METAL			
27	G-10	3'-0" x 7'-0"	1¾"	A	84	81 85	80 84		514	HOLLOW METAL			
28	W-1 H-7 H-21	PR. 6'-0" x 7'-0"	1¾"	G		106 108		107	64	HOLLOW METAL			
29	W-25	3'-0" x 7'-0"	1¾"	A		118 128		119	66	HOLLOW METAL			
30	W-28	3'-0" x 7'-0"	1¾"	H		126 125		125	68	HOLLOW METAL	3'-9"		
31	W-29	PR. 6'-0" x 7'-0"	1¾"	Z1	336	338 337	64 341	317	314	HOLLOW METAL		CLASS "E" OPENING ASSEMBLY	
32	W-32	3'-0" x 7'-0"	1¾"	A		118 128		119	296	HOLLOW METAL			
33	W-42	3'-0" x 7'-0"	1¾"	C		128 126		148	64	HOLLOW METAL	2'-1" x 1'-0⅜"		
34	W-1 W-40	3'-0" x 7'-0"	1¾"	H1		118 128		128	68	HOLLOW METAL	3'-9"	(60) @ (56) P.H. W-1 ONLY	
35	W-30	19'-10⅜" x 6'-8⅜"	3⅜"	J		127 131		180	181	SLIDING STEEL		SCREEN DOOR - SEE SPECS.	
36	W-23	2'-9⅛" x 7'-0"	1¾"	A		136 135		138	90	HOLLOW METAL			
37	W-17	2'-9⅛" x 7'-0"	1¾"	A		136 137		108	90	HOLLOW METAL			
38	L-4 M-3	3'-0" x 7'-0"	1¾"	A		118 118		140	68	HOLLOW METAL			
39	L-2 L-4 L-6	3'-0" x 7'-0"	1¾"	A		118 128		148	68	HOLLOW METAL			
40	L-1 L-5 L-5	3'-0" x 7'-0"	1¾"	A		146 145	145	125	314	HOLLOW METAL			
41	L-1 L-3 L-5	3'-0" x 7'-0"	1¾"	A		145 148	147	123	314	HOLLOW METAL			
42	L-7	PR. 6'-0" x 7'-0"	1¾"	F		122 124		146	64	HOLLOW METAL	2 - 2'-1" x 1'-0⅜"		
43	L-6	3'-0" x 7'-0"	1¾"	A		118 68		140	314	HOLLOW METAL			
44	L-2	4'-0" x 7'-0" 3'-0" x 7'-0"	1¾"	A		128 150		140	314	HOLLOW METAL			
45	D-8	3'-0" x 7'-0"	1¾"	C	328	192 331	151		314	HOLLOW METAL	2'-1" x 1'-0⅜"		
46	M-6	3'-0" x 7'-0"	1¾"	A	341	321 342			314	HOLLOW METAL			
47	M-7	3'-0" x 7'-0"	1¾"	A	345	342 331			314	HOLLOW METAL			
48	M-1 M-12 M-16	3'-0" x 7'-0"	1¾"	A		146 148		123	68	HOLLOW METAL			
49	M-3 M-13	3'-0" x 7'-0"	1¾"	A		146 148		123	68	HOLLOW METAL			
50	M-14	3'-0" x 7'-0"	1¾"	C		118 128		144	68	HOLLOW METAL	2'-1" x 1'-0⅜"		
51	M-16	4'-0" x 7'-0" 3'-0" x 7'-0"	1¾"	G		118 152		146	68	HOLLOW METAL			
52	M-1	3'-0" x 7'-0"	1¾"	A		118 155		145	68	HOLLOW METAL			
53	M-15	3'-0" x 7'-0"	1¾"	A		154 151		145	64	HOLLOW METAL			
54	M-5	3'-0" x 7'-0"	1¾"	A		118 157		123	314	HOLLOW METAL			
55	M-10	15'-10⅜" x 7'-11¼"	3⅜"	J	165	163 166 170 172			131	SLIDING STEEL		SCREEN DOORS - SEE SPECS.	
56	M-13	12'-0" x 7'-11¼"	3⅜"	L	160	162 166 161	148		131	SLIDING STEEL		SCREEN DOORS - SEE SPECS.	
57	M-19	3'-0" x 7'-0"	1¾"	A	164	168	168		316	HOLLOW METAL			
58	M-1 M-16	15'-10⅜" x 7'-11¼"	3⅜"	J	165	163 167 170 172			131	SLIDING STEEL		SCREEN DOORS - SEE SPECS.	
59	M-15	15'-10⅜" x 7'-11¼"	3⅜"	J	160	166 167 170 172			131	SLIDING STEEL		SCREEN DOORS - SEE SPECS.	
60	M-5	3'-0" x 7'-0"	1¾"	A	165	166 168 169	LC1		660	HOLLOW METAL			
61	O-1	3'-0" x 7'-0"	1¾"	A		78 80		179	314	HOLLOW METAL		PANIC BARS	
62	O-1	3'-0" x 7'-0"	1¾"	A		178 180		179	314	HOLLOW METAL		PANIC BARS	
63	O-17	PR. 7'-0" x 7'-0"	1¾"	P1	349	350 351 352 353		552	314	HOLLOW METAL		CLASS "E" OPENING ASSEMBLY	
64	O-18	3'-0" x 7'-0"	1¾"	C	331	192 332			314	HOLLOW METAL	2'-1" x 1'-0⅜"		
65	O-1	PR. 5'-0" x 7'-0"	1¾"	G	82	178 180			106	HOLLOW METAL		PANIC BARS	
66	O-16	PR. 6'-0" x 7'-0"	1¾"	G		180 182		179	314	HOLLOW METAL		PANIC BARS	
67	O-8	PR. 5'-0" x 7'-0"	1¾"	F		180 182		179	314	HOLLOW METAL	2'-1" x 1'-0⅜"		
68	O-7	PR. 6'-0" x 7'-0"	1¾"	G		180 84		179	314	HOLLOW METAL		PANIC BARS	
69	O-6	3'-0" x 7'-0"	1¾"	C	82	180 182			216	HOLLOW METAL	2'-1" x 1'-0⅜"		
70	P-6	3'-0" x 7'-0"	1¾"	A		191 197		179	314	HOLLOW METAL			
71	P-9	PR. 5'-0" x 7'-0"	1¾"	G		211 191		220	314	HOLLOW METAL		PANIC BARS	

DR. NO.	LOCATION	OPENING SIZE	THICK.	TYPE	HEAD	JAMB	MULLION	TRANSOM	SILL	KIND	LOUVERS	GLAZING	REMARKS	DR. NO.
1														
72	P-17	PR. 7'-0" x 7'-0"	1¾"	B	198	192 197	192 196		320	314	HOLLOW METAL		CLASS "E" OPENING ASSEMBLY	72
73	P-15	3'-0" x 7'-0"	1¾"	A		116 186		179	314	HOLLOW METAL				73
74	P-13	3'-0" x 7'-0"	1¾"	C		188 189		179	314	HOLLOW METAL	2'-1" x 1'-8⅜"			74
75	P-11	PR. 5'-0" x 7'-0"	1¾"	G		210 217		179	314	HOLLOW METAL			PANIC BARS	75
76	P-1	2'-6" x 7'-0"	1¾"	C		221 196		179	314	HOLLOW METAL	1'-7" x 1'-0⅜"			76
77	Q-1	PR. 6'-0" x 7'-0"	1¾"	G		185	16	344	317	HOLLOW METAL			PANIC BARS	77
78	Q-1	PR. 6'-0" x 7'-0"	1¾"	G		187	165	344	317	HOLLOW METAL			PANIC BARS	78
79	Q-10	PR. 6'-0" x 7'-0"	1¾"	G	198	199 196			316	HOLLOW METAL			PANIC BARS	79
80	Q-9	2'-6" x 7'-0"	1¾"	C	188	189 196			317	HOLLOW METAL	1'-7" x 1'-0⅜"			80
81	Q-13	PR. 6'-0" x 7'-0"	1¾"	G	188	189 196			317	HOLLOW METAL			PANIC BARS	81
82	Q-4	PR. 6'-0" x 7'-0"	1¾"	F	188	189 196			198	HOLLOW METAL	2 - 2'-1" x 1'-8⅜"			82
83	P-1	3'-0" x 7'-0" 2'-0" x 7'-0"	1¾"	Z		190 196	16	179	314	HOLLOW METAL	1 - 2'-1" x 1'-8⅜" 1 - 1'-1" x 1'-8⅜"			83
84	P-11	3'-0" x 7'-0"	1¾"	A		188 196		340	198	HOLLOW METAL				84
85	P-11	PR. 5'-0" x 7'-0"	1¾"	G		187 189		344	198	HOLLOW METAL				85
86	P-12	PR. 6'-0" x 7'-0"	1¾"	F	198	188 196			198	HOLLOW METAL	2 - 2'-1" x 1'-8⅜"			86
87	P-13	PR. 6'-0" x 7'-0"	1¾"	F	198	188 196			198	HOLLOW METAL	2 - 2'-1" x 1'-8⅜"			87
88	P-25	3'-0" x 7'-0"	1¾"	A		220 217		340	198	HOLLOW METAL				88
89	P-25	3'-0" x 7'-0"	1¾"	A		188 189		340	198	HOLLOW METAL				89
90	P-21	10'-0" x 10'-0"		M	196	199 191	188 196		211	ROLL UP STEEL				90
91	P-21	3'-0" x 7'-0"	1¾"	A		205 189		340	198	HOLLOW METAL				91
92	P-21	3'-0" x 7'-0"	1¾"	A		205 189		340	198	HOLLOW METAL				92
93	P-20	2'-6" x 7'-0"	1¾"	V1	198	211 196		377	198	HOLLOW METAL			CLASS "E" OPENING ASSEMBLY	93
94	P-19	3'-0" x 7'-0"	1¾"	V1	198	188 196		422	198	HOLLOW METAL	2'-1" x 1'-8⅜"		CLASS "E" OPENING ASSEMBLY	94
95	P-10	3'-0" x 7'-0"	1¾"	A	192	66 196			314	HOLLOW METAL				95
96	P-9	3'-0" x 7'-0"	1¾"	A		271 271		340	198	HOLLOW METAL				96
97	P-9	PR. 5'-0" x 7'-0"	1¾"	G		271 269		340	198	HOLLOW METAL				97
98	P-7	3'-0" x 7'-0"	1¾"	C	192	188 196			317	HOLLOW METAL	2'-1" x 1'-0⅜"			98
99	P-2	8'-0" x 9'-0"	1¾"	N	190	191 271			290	WOOD			OVERHEAD	99
100	P-4	3'-0" x 7'-0"	1¾"	A		271 272		270	314	HOLLOW METAL				100
101	P-5	PR. 6'-0" x 7'-0"	1¾"	B		267 271		270	314	HOLLOW METAL				101
102	UTILITY ROOM UNIT "S"	PR. 6'-0" x 9'-6"	1¾"	P	—	191 196			198	HOLLOW METAL			CLASS "E" OPENING ASSEMBLY	102
103	S-6	PR. 6'-0" x 8'-0"	1¾"	F	192	196 196			198	HOLLOW METAL	2'-1" x 1'-8⅜"			103
104	T-1	PR. 6'-0" 7'-0"	1¾"	G		188 196	118	279	198	HOLLOW METAL			PANIC BARS	104
105	T-1	PR. 6'-0" 7'-0"	1¾"	Y	198	191 196			198	HOLLOW METAL			SLIDING DOORS	105
106	T-6	PR. 6'-0" 7'-0"	1¾"	G		270 196	188	271	198	HOLLOW METAL			PANIC BARS	106
107	T-6	PR. 6'-0" 7'-0"	1¾"	G		270 270	188	279	198	HOLLOW METAL			PANIC BARS	107
108	T-21	PR. 6'-0" 7'-0"	1¾"	Y	192	193 271		198	198	HOLLOW METAL			SLIDING DOORS	108
109	T-21	PR. 6'-0" 7'-0"	1¾"	G		270 196		271	198	HOLLOW METAL			PANIC BARS	109
110	T-25	15'-10⅜" x 6'-8⅜"	3⅜"	J		196 196		271	191	SLIDING STEEL				110
111	T-25	3'-0" x 7'-0"	1¾"	A		275	294	340	198	HOLLOW METAL			(3/4) ALUM. SCREEN DOOR	111
112	T-19	3'-0" x 7'-0"	1¾"	A		281	294	340	198	HOLLOW METAL			(3/4) ALUM. SCREEN DOOR	112
113	T-15	3'-0" x 7'-0"	1¾"	A		312 312	311 312	346	198	HOLLOW METAL			(3/4) ALUM. SCREEN DOOR	113
114	T-14	3'-6" x 7'-0"	1¾"	V	198	274 196	263 263	346	198	HOLLOW METAL			CLASS "E" OPENING ASSEMBLY	114
115	T-13	PR. 5'-6" x 7'-6"	1¾"	W	198	193 196	263 263	348	198	HOLLOW METAL	2 - 1'-10" x 1'-8⅜"			115
116	T-11	PR. 5'-0" x 7'-0"	1¾"	G		193 196		346	198	HOLLOW METAL			PANIC BARS	116
117	T-9	PR. 6'-0" x 7'-0"	1¾"	G		193 196		346	198	HOLLOW METAL			PANIC BARS	117
118	T-8	PR. 5'-0" x 7'-0"	1¾"	G		193 196		346	198	HOLLOW METAL			PANIC BARS	118
119	T-4	PR. 6'-0" x 7'-0"	1¾"	G		193 196 278		271	198	HOLLOW METAL			PANIC BARS	119
120	T-4	3'-0" x 7'-0"	1¾"	A		193 196 196		271	198	HOLLOW METAL			PANIC BARS	120
121	T-2	PR. 8'-0" x 7'-0"	1¾"	X	198	193 196		347	198	HOLLOW METAL				121
122	T-1	3'-0" x 7'-0"	1¾"	A		196 196		271	198	HOLLOW METAL			PANIC BARS	122
123	T-26	3'-0" x 7'-0"	1¾"	A		196 191		271	198	HOLLOW METAL			(3/4) ALUM. SCREEN DOOR	123
124	S-5 B-5	PR. 4'-8" x 7'-0"	1¾"	K1									SEE SHEET A-31	124
125	B-15 F-12	2'-8" x 7'-0"	1¾"	K1									SEE SHEET A-31	125
126	C-2 G-8	PR. 5'-0" x 7'-0"	1¾"	K									SEE SHEET A-31	126
127	NOT USED													127
128	NOT USED													128
129	NOT USED													129
130	NOT USED													130
131	NOT USED													131
132	NOT USED													132
133	A-5	2'-0" x 7'-0"	1¾"	AA	198	194 194				WOOD SLAB				133
134	B-3 B-4 B-5 B-6 F-3 F-4 F-5 F-6	2 - 3'-0" x 7'-0"	1¾"	BB	191	195 195		441	222	WOOD SLAB	2 - 2'-1" x 1'-8⅜"			134
135	G-6	2'-6" x 7'-0"	1¾"	AA	198	198 198				WOOD SLAB				135
136	G-3	2'-0" x 7'-0"	1¾"	AA	191	197 197		338	185	WOOD SLAB				136
137	G-4	2'-6" x 7'-0"	1¾"	AA	191	191 191		316	185	WOOD SLAB				137
138	D-2	3'-0" x 7'-0"	1¾"	AA	188	189 189				WOOD SLAB				138
139	D-4	3'-0" x 7'-0"	1¾"	AA	188	189 189				WOOD SLAB				139
140	D-3 D-5	3'-0" x 7'-0"	1¾"	AA	188	188 189				WOOD SLAB				140
141	H-6	3'-0" x 7'-0"	1¾"	AA	188	189 189	185			WOOD SLAB				141
142	H-5	3'-0" x 7'-0"	1¾"	AA	188	188 188				WOOD SLAB				142
143	H-10	3'-0" x 7'-0"	1¾"	AA	188	175 196				WOOD SLAB				143
144	G-6	3'-0" x 7'-0"	1¾"	AA	188	189 189				WOOD SLAB				144
145	G-7 G-9	3'-0" x 7'-0"	1¾"	CC	187	189 189		189		WOOD SLAB			8½" SLIDING DOOR	145
146	G-7	3'-0" x 7'-0"	1¾"	DD	188	188 188		186		WOOD SLAB			8½"	146
147	G-11	3'-0" x 7'-0"	1¾"	DD	188	188 188	186			WOOD SLAB			8½"	147
148	W-5 H-8 W-22	3'-0" x 7'-0"	1¾"	AA	188	189 189	196			WOOD SLAB				148
149	W-6 W-9	3'-0" x 7'-0"	1¾"	AA	188	189 189	196			WOOD SLAB				149
150	W-1 W-7 W-19	3'-0" x 7'-0"	1¾"	AA	188	188 189				WOOD SLAB				150

DR. NO.	LOCATION	OPENING SIZE	THICK.	TYPE	HEAD	JAMB	MULLION	TRANSOM	SILL	KIND	LOUVERS	GLAZING	REMARKS	DR. NO.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 17833 APPROVED JAN 5 - 1959
Per E. Mary DC PRINCIPAL STRUCTURAL ENGINEER

DOOR SCHEDULE
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
CALIFORNIA

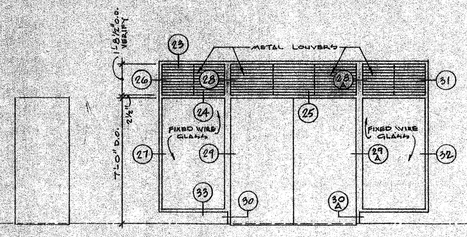
DATE 1-59 | DR. BY D.E.W | CHECKED BY E.C.G.S. | JOB NO. 56-71
SHEET NO. A86
OF 248 SHEETS

DOOR SCHEDULE

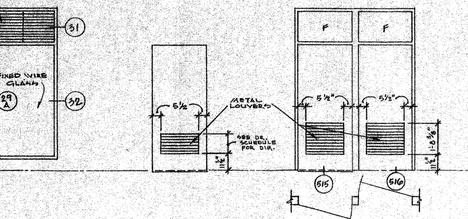
DR. NO.	LOCATION	OPENING SIZE	THICK.	TYPE	HEAD	JAMB	MULLION	TRANS.	SILL	KIND	LOUVERS	GL. HTG.	REMARKS
151	M-7 M-11	3'-0" x 7'-0"	1¾"	AA	446	446 446				WOOD SLAB			
152	M-11	3'-0" x 7'-0"	1¾"	AA	446	447 447				WOOD SLAB			
153	M-8, M-19	2'-6" x 7'-0"	1¾"	AA	446	448 447				WOOD SLAB			
154	M-12	3'-0" x 7'-0"	1¾"	BE	446	215 215 224 224				WOOD SLAB			
155	M-19	3'-0" x 7'-0"	1¾"	BE	446	225 215 224 224				WOOD SLAB			
156	M-18	3'-0" x 7'-0"	1¾"	BB	446	215 215 224 224				WOOD SLAB			
157	M-19	SEE SPECIFICATIONS								STEEL			4-HOUR DOOR
158	M-19	3'-0" x 7'-0"	1¾"	AA	446	225 215 224 224				WOOD SLAB			
159	M-17	3'-0" x 7'-0"	1¾"	FF	446	446 446				WOOD SLAB			
160	M-28 M-1	3'-0" x 7'-0"	1¾"	AA	446	225 215 224 224				WOOD SLAB			
161	M-28 M-35 M-40	3'-0" x 7'-0"	1¾"	AA	446	225 215 224 224				WOOD SLAB			DUTCH DOOR
162	M-26, M-31	3'-0" x 7'-0"	1¾"	GG	446	446 446			222	WOOD SLAB	2'-1" x 1'-8⅜"		
163	M-30 M-38	7'-6½" x 7'-0"	8⅝"	HH	448	449 447				FOLDING FABRIC			
164	M-34	2'-0" x 7'-0"	1¾"	GG	446	446 446			226	WOOD SLAB	1'-1" x 1'-0⅜"		
165	M-35	3'-0" x 7'-0"	1¾"	AA	446	446 446				WOOD SLAB			
166	M-40	2'-6" x 7'-0"	1¾"	AA	446	225 215 224 224				WOOD SLAB			
167	M-46	2'-6" x 7'-0"	1¾"	AA	446	225 215 224 224				WOOD SLAB			
168	M-41	3'-0" x 7'-0"	1¾"	AA	446	224 224 221 221				WOOD SLAB			
169	M-37	2'-0" x 7'-0"	1¾"	GG	446	446 446			222	WOOD SLAB	1'-1" x 1'-0⅜"		
170	L-6	3'-0" x 7'-0"	1¾"	AA	441	446 446				WOOD SLAB			
171	L-1 L-3 L-5	3'-0" x 7'-0"	1¾"	AA	191	186 224				WOOD SLAB			
172	L-2 L-4 L-6	3'-0" x 7'-0"	1¾"	AA	215	224 224 224 224				WOOD SLAB			* DET'S 463 A 464 @ 466 RA. L-2 ONLY
173	L-9	3'-0" x 7'-0"	1¾"	GG	446	446 446				WOOD SLAB	2'-1" x 1'-0⅜"		
174	L-9	3'-0" x 7'-0"	1¾"	GG	446	446 446				WOOD SLAB	2'-1" x 1'-0⅜"		
175	L-2	PR. 6'-0" x 4'-8½"	1¾"	JJ	455	455 455			226	WOOD SLAB			D.F. SURFACE TO MATCH WALLS
176	L-2	PR. 6'-0" x 6'-0½"	1¾"	JJ	457	456 456			448	HOLLOW METAL			CLASS "E" OPENING ASSEMBLY
177	M-1 M-3 M-5 M-10 M-13	3'-0" x 7'-0"	1¾"	KK	457	460 461				WOOD SLAB			SLIDING DOOR
178	M-2	2'-6" x 7'-0"	1¾"	AA	191	221 224			222	WOOD SLAB			
179	M-3 M-5	3'-0" x 7'-0"	1¾"	KK	457	460 461				WOOD SLAB			SLIDING DOOR
180	M-5	2'-6" x 7'-0"	1¾"	AA	191	186 224				WOOD SLAB			
181	M-6 M-9	2'-8" x 7'-0"	1¾"	AA	462	462 462			462 462	WOOD SLAB			LIGHT PROOF DOOR
182	M-8	3'-0" x 7'-0"	1¾"	AA	462	462 462			462	WOOD SLAB			LIGHT PROOF DOOR
183	M-9 M-16	3'-0½" x 7'-0"	—	LL	464	465 465				NO DOOR			CASED OPENING - NO DOOR
184	M-13	3'-0" x 7'-0"	1¾"	AA	446	460 191	461		226	MINERAL CORE			
185	M-16	3'-0" x 7'-0"	1¾"	AA	191	186 224	476			MINERAL CORE			
186	M-15	3'-0" x 7'-0"	1¾"	AA	191	186 224	472		222	WOOD SLAB			
187	M-16	3'-0" x 7'-0"	1¾"	AA	446	446 446				WOOD SLAB			
188	M-15	3'-0" x 7'-0"	1¾"	AA	191	224 224				WOOD SLAB			
189	O-5	2'-6" x 7'-0"	1¾"	GG	457	446 446			226	WOOD SLAB	1'-7" x 1'-0⅜"		
190	O-6	2'-6" x 7'-0"	1¾"	GG	446	446 446			222	WOOD SLAB	1'-7" x 1'-0⅜"		
191	O-9	3'-0" x 7'-0"	1¾"	AA	445	446 446	446		222	WOOD SLAB			
192	O-9	3'-0" x 7'-0"	1¾"	AA	445	446 446				WOOD SLAB			
193	O-9	3'-0" x 7'-0"	1¾"	AA	445	446 446			222	WOOD SLAB			
194	O-15	2'-6" x 7'-0"	1¾"	GG	446	446 446			222	WOOD SLAB	1'-7" x 1'-0⅜"		
195	O-18	3'-0" x 7'-0"	1¾"	AA	445	446 446				WOOD SLAB			
196	O-19	3'-0" x 7'-0"	1¾"	AA	445	446 446			222	WOOD SLAB			
197	O-18	2'-6" x 7'-0"	1¾"	AA	445	446 446				WOOD SLAB			
198	P-1	3'-0" x 7'-0"	1¾"	AA	445	222 445			222	WOOD SLAB			
199	P-2	3'-0" x 7'-0"	1¾"	AA	446	446 446			222	WOOD SLAB			
200	P-3	2'-0" x 7'-0"	1¾"	AA	446	446 446			222	WOOD SLAB			
201	P-5	2'-6" x 7'-0"	1¾"	GG	446	447 447			222	WOOD SLAB	1'-7" x 1'-0⅜"		
202	P-6	3'-0" x 7'-0"	1¾"	AA	446	447 447			222	WOOD SLAB			
203	K-7	3'-0" x 7'-0"	1¾"	GG	446	446 446			222	WOOD SLAB	2'-1" x 1'-0⅜"		
204	P-8	3'-0" x 7'-0"	1¾"	GG	457	446 446			222	WOOD SLAB	2'-1" x 1'-0⅜"		
205	P-10	3'-0" x 7'-0"	1¾"	FF	446	446 446	446			WOOD SLAB			DUTCH DOOR
206	P-11	PR. 5'-0" x 7'-0"	—	JJ	447	447 447				NO DOOR			CASED OPENING
207	P-11	2'-10" x 7'-0"	—	AA	447	447 447				NO DOOR			CASED OPENING
208	P-19	3'-0", 3'-9" x 7'-0"	1¾"	MM		451 451			451	HOLLOW METAL			
209	P-15	3'-0" x 7'-0"	1¾"	GG	191	446 446			222	WOOD SLAB	2'-1" x 1'-8⅜"		
210	P-11	3'-0" x 7'-0"	1¾"	FF	446	446 446			222	WOOD SLAB			DUTCH DOOR
211	R-1 R-2	5'-0" x 7'-0"	1¾"	NN	457	215 476	473		222	WOOD SLAB	1 - 21" x 15⅜"		
212	R-1 R-3	5'-0" x 7'-0"	1¾"	NN	457	215 476	473		222	WOOD SLAB	1 - 21" x 15⅜" 1 - 15⅛" x 15⅜"		
213	R-5	2'-0" x 7'-0"	1¾"	NN	457	215 476	473		222	WOOD SLAB	1'-7" x 15⅜"		
214	R-7	2'-6" x 7'-0"	1¾"	GG	446	446 446			222	WOOD SLAB			
215	R-10 R-11	3'-0" x 7'-0"	1¾"	AA	475	476 476			222	WOOD SLAB			
216	R-10	87'-9½" x 22'-8"	1⅝"	PP	480	481 477	479		480	WOOD SLAT			COILING DOORS
217	OMITTED	3'-0" x 21'-11½"	1⅛"	PP	481	481 477				1⅛" WOOD			
218	R-11	PR. 6'-0" x 7'-0"	1¾"	JJ	481	482 482			226	WOOD SLAB			OMITTED
219	R-11	PR. 8'-0" x 7'-0"	1¾"	JJ	481	482 482			226	WOOD SLAB			
220	R-12	3'-0" x 7'-0"	1¾"	FF	446	446 447			226	WOOD SLAB			
221	R-3	2'-6" x 7'-0"	1¾"	AA	446	446 447			222	WOOD SLAB			
222	R-11	3'-0" x 7'-0"	1¾"	DD	481	482 482			222	WOOD SLAB			DUTCH DOOR
223	R-4	3'-0" x 7'-0"	1¾"	PP	481	482 482		480	222	WOOD SLAB	2'-1" x 1'-8⅜"	3'-9"	
224	R-9	2'-0" x 7'-0"	1¾"	AA	446	446 447			222	WOOD SLAB		3'-9"	
225	R-8	2'-6" x 7'-0"	1¾"	FF	446	446 446				WOOD SLAB			
226	R-11	3'-0" x 7'-0"	1¾"	AA	446	482 482				WOOD SLAB			DUTCH DOOR
227	R-11	3'-0" x 7'-0"	1¾"	AA	446	482 482				MINERAL CORE			CLASS "E" OPENING ASSEMBLY
228	R-11	3'-0" x 7'-0"	1¾"	AA	482	482	481			WOOD SLAB			
229	R-19	3'-0" x 7'-0"	1¾"	AA	482	482 482			482	WOOD SLAB			

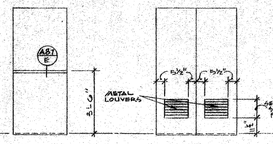
DR. NO.	LOCATION	OPENING SIZE	THICK.	TYPE	HEAD	JAMB	MULLION	TRANS.	SILL	KIND	LOUVERS	GL. HTG.	REMARKS
230	R-9	3'-0" x 7'-0"	1¾"	AA	455	455 455				WOOD SLAB			
231	R-22	2'-6" x 7'-0"	1¾"	AA	446	446 446			222	WOOD SLAB			
232	R-18	3'-0" x 7'-0"	1¾"	FF	446	446 446				WOOD SLAB			DUTCH DOOR
233	R-21	3'-0" x 7'-0"	1¾"	AA	446	446 446			222	WOOD SLAB			
234	R-23	3'-0½" x 7'-0"	1¾"	GG	446	446 446				WOOD SLAB	2'-1" x 1'-8⅜"		
235	S-2	PR. 6'-0" x 7'-0"	1¾"	JJ	471	471 471				WOOD SLAB			
236	S-2	2'-6" x 7'-0"	1¾"	AA	465	465 465			222	WOOD SLAB			
237	S-5	2'-6" x 7'-0"	1¾"	AA	446	446 446		186	222	WOOD SLAB			
238	S-8	3'-0" x 7'-0"	1¾"	GG	471	471 471			222	WOOD SLAB	2'-1" x 1'-0⅜"		
239	T-1	3'-0" x 7'-0"	1¾"	AA	446	447 447		488		WOOD SLAB			
240	T-4	3'-0" x 7'-0"	1¾"	AA	446	446 446	447	488		WOOD SLAB			
241	T-5	3'-0" x 7'-0"	1¾"	AA	488	488 488				MINERAL CORE			CLASS "B" 1½ HR. OPEN'G ASSEMBLY
242	R-9 R-11 R-21 R-23	6'-0" x 4'-0"	1¾"	VV	456	456 456			456	HOLLOW METAL			CLASS "C" OPENING ASSEMBLY
243	T-6 T-7	56'-11½" x 13'-0"	12⅜"	HH	494	494 494				FOLDING FABRIC			
244	T-8	PR. 6'-0" x 7'-0"	1¾"	JJ	488	488 488				WOOD SLAB			PANIC BARS
245	T-9	3'-0" x 7'-0"	1¾"	AA	446	446 446				MINERAL CORE			CLASS "C" OPENING ASSEMBLY
246	T-10	3'-0" x 7'-0"	1¾"	KK	457	460 461			226	WOOD SLAB			SLIDING DOOR
247	T-11	PR. 5'-9" x 7'-0"	1¾"	JJ	488	488 488				WOOD SLAB			PANIC BARS
248	T-12	2'-6" x 7'-0"	1¾"	GG	446	446 446			222	WOOD SLAB	1'-7" x 1'-0⅜"		
249	T-11	3'-0" x 7'-0"	1¾"	AA	446	446 446			226	WOOD SLAB			
250	T-13	3'-0" x 7'-0"	1¾"	DD	455	455 455		484		WOOD SLAB		3'-9"	
251	T-17	3'-0" x 6'-6"	—	TT	501	502 502			502	SEE SPECS.			FREEZE ROOM DOOR
252	T-19	3'-0" x 6'-6"	—	UU	506	506 506			506	SEE SPECS.			COLD STORAGE ROOM DOOR
253	T-20	3'-0" x 7'-0"	1¾"	DD	446	488 488				WOOD SLAB		3'-9"	
254	T-13	2'-6" x 7'-0"	1¾"	GG	446	446 446			226	WOOD SLAB	1'-7" x 1'-0⅜"		
255	T-11	3'-0" x 7'-0"	1¾"	AA	446	446 446				WOOD SLAB			
256	T-19	3'-0" x 7'-0"	1¾"	AA	446	446 446				WOOD SLAB			
257	T-7	PR. 6'-0" x 7'-0"	1¾"	JJ	488	488 488				WOOD SLAB			
258	T-19	3'-0" x 7'-0"	1¾"	AA	446	446 446				WOOD SLAB			
259	T-19 T-26	3'-0" x 7'-0"	1¾"	KK	457	460 461				WOOD SLAB			SLIDING DOOR
260	T-19	3'-6" x 7'-0"	1¾"	KK	457	460 461				WOOD SLAB			SLIDING DOOR
261	T-26	3'-0" x 7'-0"	1¾"	AA	446	446 446				WOOD SLAB			
262	T-24	3'-0" x 7'-0"	1¾"	GG	446	446 446			226	WOOD SLAB	2'-1" x 1'-0⅜"		
263	T-24	3'-0" x 7'-0"	1¾"	GG	446	446 446			222	WOOD SLAB	2'-1" x 1'-0⅜"		
264	T-23	3'-0" x 7'-0"	1¾"	GG	446	446 446			222	WOOD SLAB	2'-1" x 1'-0⅜"		
265	T-23	3'-0" x 7'-0"	1¾"	GG	446	446 446			222	WOOD SLAB	2'-1" x 1'-0⅜"		
266	T-21	3'-0" x 7'-0"	1¾"	AA	446	446 446			222	WOOD SLAB			
267	T-16	3'-0" x 7'-0"	1¾"	GG	446	446 446			222	WOOD SLAB	2'-1" x 1'-0⅜"		
268	T-20	3'-0" x 7'-0"	1¾"	GG	446	446 446			222	WOOD SLAB	2'-1" x 1'-0⅜"		
269	M-3	5'-6" x 7'-0"	—	LL	415	416 416	416			NO DOOR			CASED OPENING NO DOOR
270	M-5	5'-6" x 7'-0"	—	LL	415	416 416	416			NO DOOR			CASED OPENING NO DOOR
271	M-3	28½'-6" x 16'-8"	6⅝"	AA	518	518 518	517	518		FOLDING FABRIC			
272	T-2	PR. 5'-0" x 7'-0"	1¾"	JJ	446	446 446				HOLLOW METAL			CLASS "C" OPENING ASSEMBLY
273	K-26	3'-0" x 7'-0"	1¾"	GG	446	446 446			222	WOOD SLAB	2'-1" x 1'-0⅜"		
274	A-21	PR. 4'-0" x 7'-0"	1¾"	JJ	446	446 446				HOLLOW METAL			CLASS "B" OPENING ASSEMBLY
275	K-14	3'-0" x 7'-0"	1¾"	AA	446	446 446				WOOD SLAB			
276	K-11	PR. 8'-0" x 7'-0"	1¾"	JJ	446	446	491			WOOD SLAB			
277	K-39	3'-0" x 7'-0"	1¾"	AA	446	446 446 446				WOOD SLAB			

DR. NO.	LOCATION	OPENING SIZE	THICK.	TYPE	HEAD	JAMB	MULLION	TRANS.	SILL	KIND	LOUVERS	GL. HTG.	REMARKS
278													
279													
280													

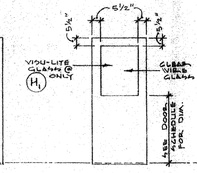


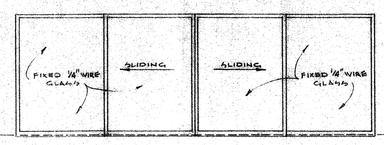
SLIDING STEEL DOORS WITH SCREENS

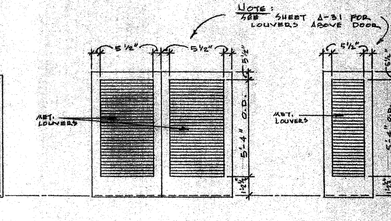


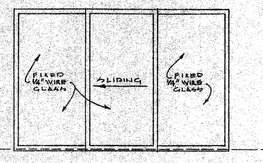


DUTCH DOOR

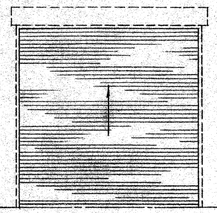




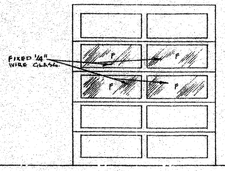




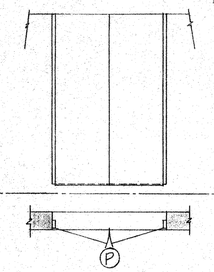
SLIDING STEEL DOOR WITH SCREEN

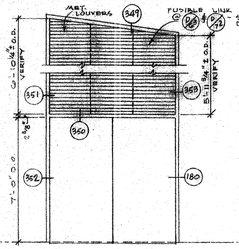


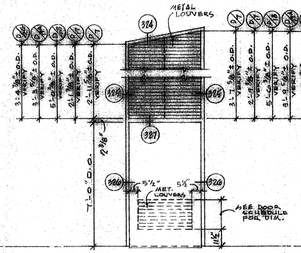
ROLL UP DOOR

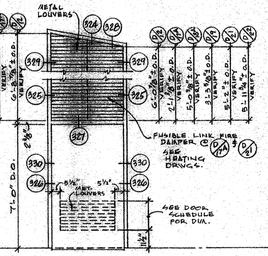


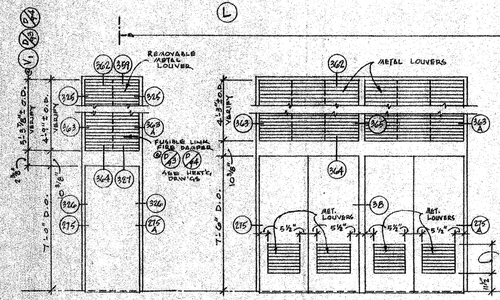
OVERHEAD DOOR

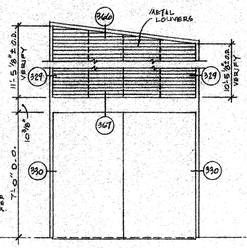


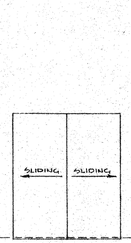


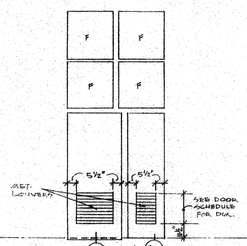


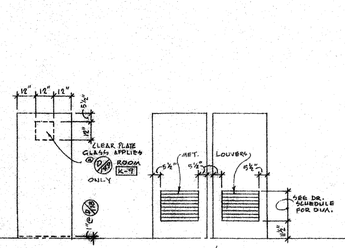


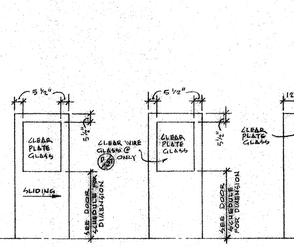


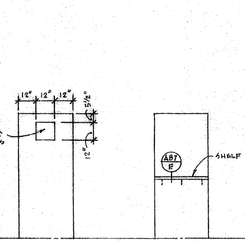


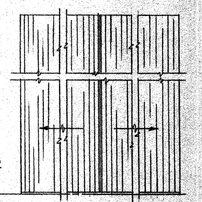








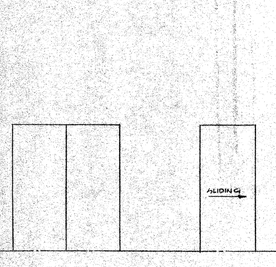




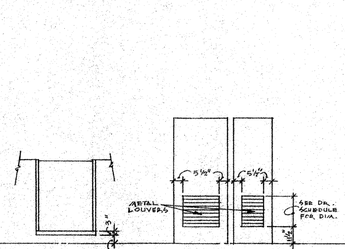
SLIDING DOORS

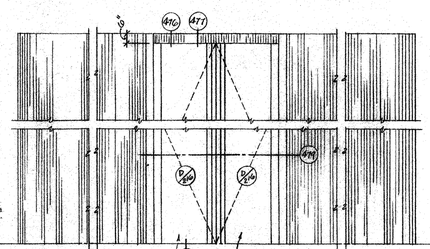
DUTCH DOORS

FOLDING FABRIC



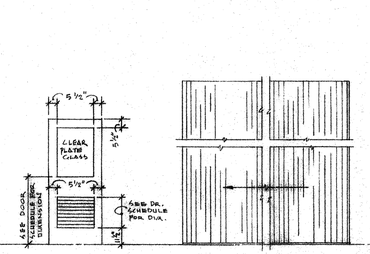
SLIDING DOOR — CLOSED OPENING NO DOOR



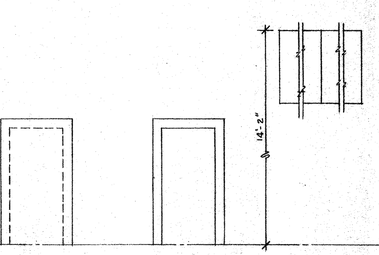


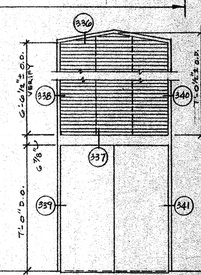
DI-PARTING COILING DOORS

OMITTED



FOLDING FABRIC





EXTERIOR DOORS

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

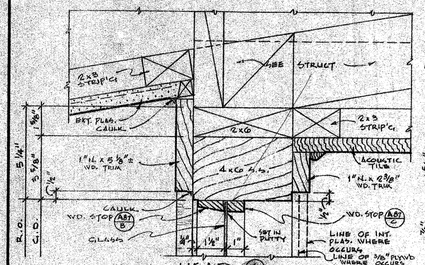
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 17835
APPROVED JAN 5 1959
PRINCIPAL STRUCTURAL ENGINEER

DOOR SCHEDULE & DETAILS

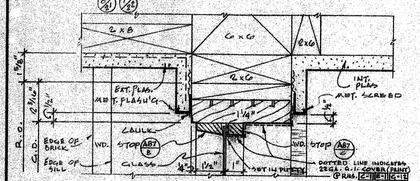
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
CALIFORNIA

DATE 1-59
DR. BY D.B.W.
CHECKED BY GC-JC
JOB NO. 56-71

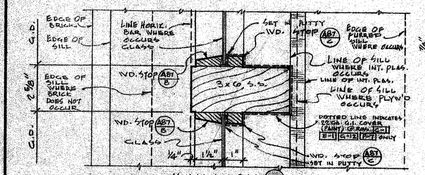
SHEET NO. A88
OF 248 SHEETS



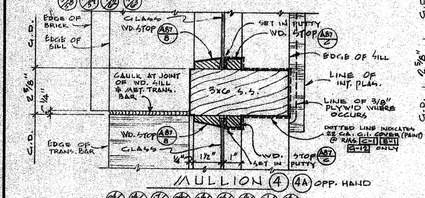
HEAD (1)



JAMB (2) (2A) OPP. HAND



MULLION (3)



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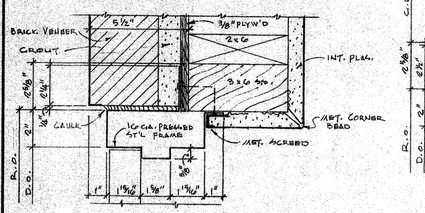

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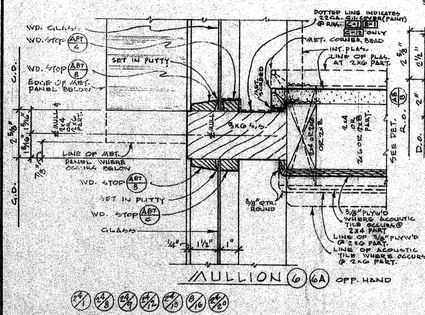
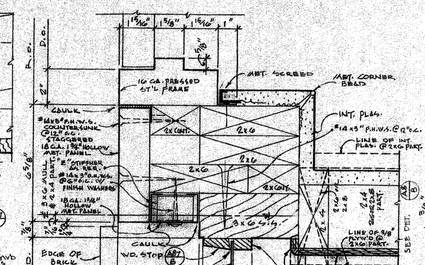


MULLION (6) (6A) OPP. HAND



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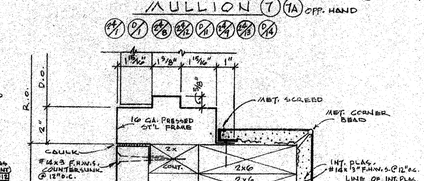
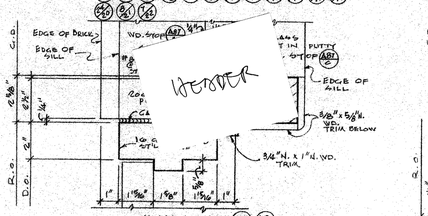


JAMB (8) (8A) OPP. HAND

MULLION (9) (9A) OPP. HAND



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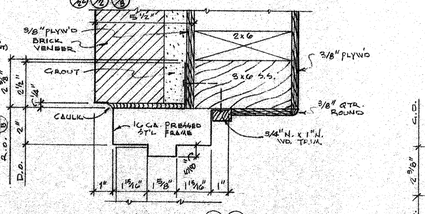
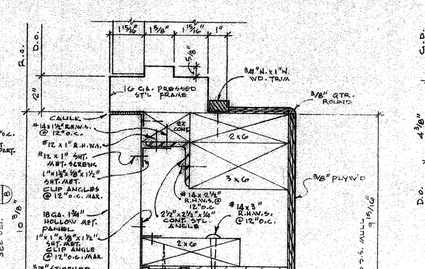


JAMB (11) (11A) OPP. HAND

MULLION (9) (9A) OPP. HAND



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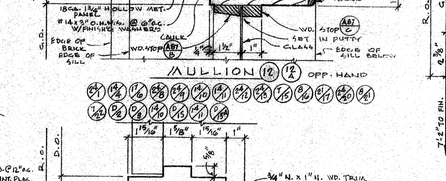

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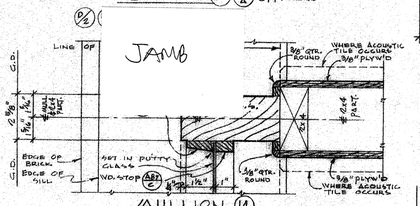
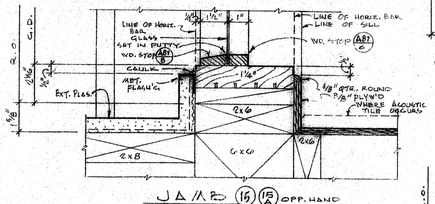


MULLION (14)



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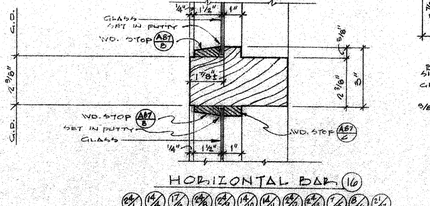
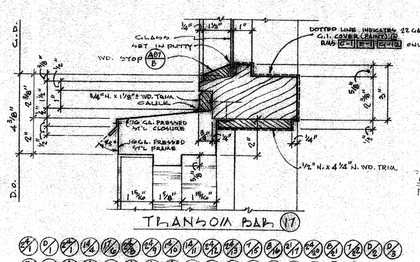
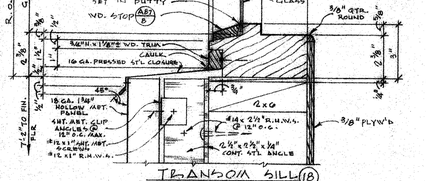


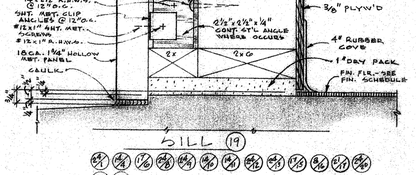
HORIZONTAL BAR (16)



TRANSOM BAR (17)



TRANSOM SILL (18)



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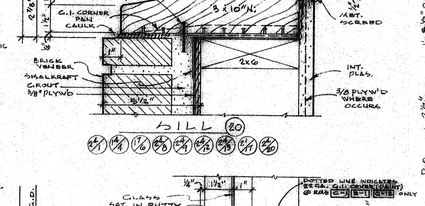

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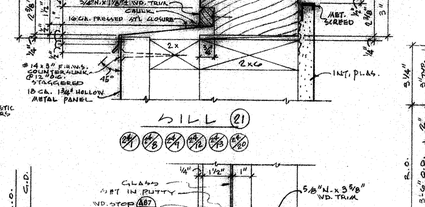

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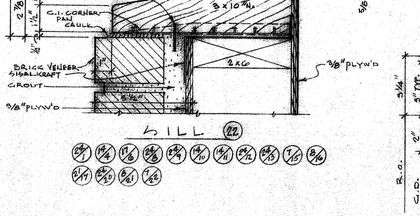

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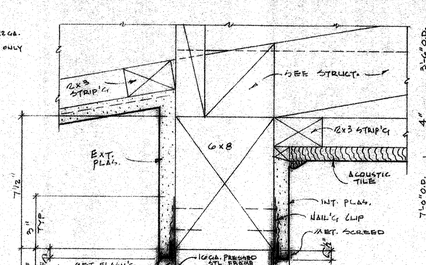

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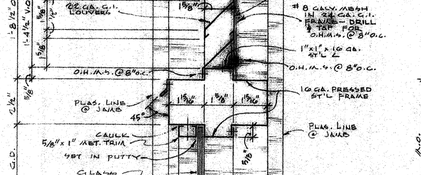

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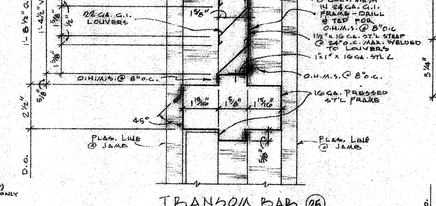

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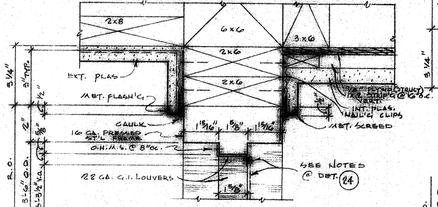
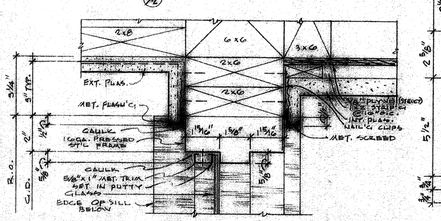


JAMB (26)



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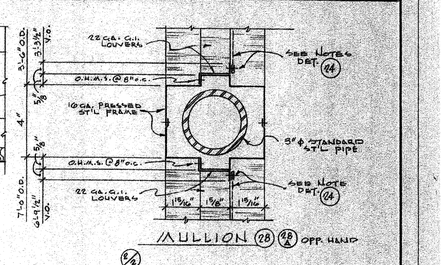
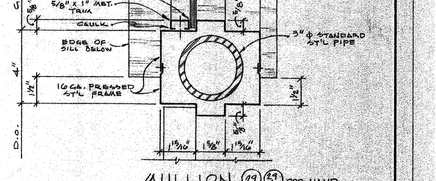
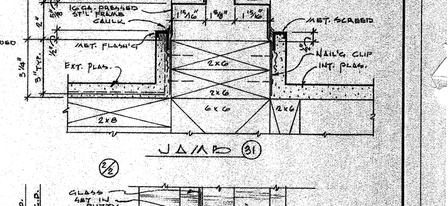


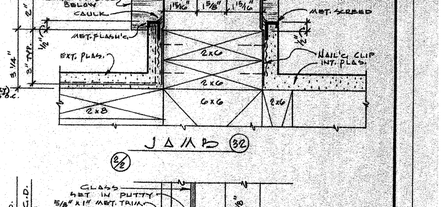
MULLION (28) (28A) OPP. HAND



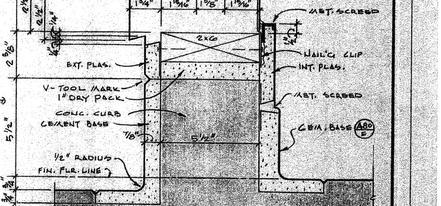
MULLION (29) (29A) OPP. HAND



JAMB (30) (30A) OPP. HAND



JAMB (32)



SILL (33)

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

WINDOW & DOOR DETAILS

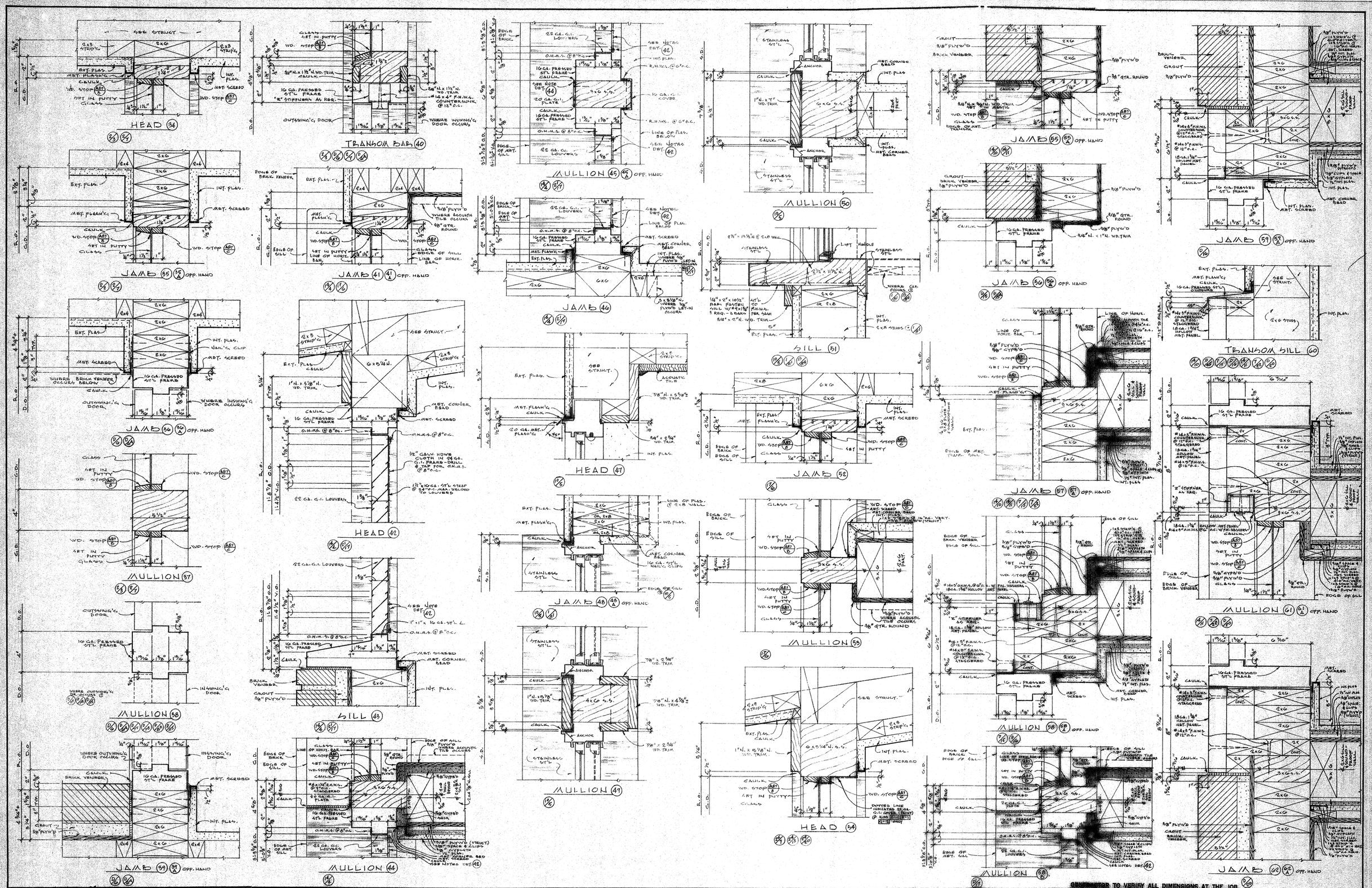
ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS J. WORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17883
APPLICATION NO.
APPROVED JAN 5 – 1959
Per E. Maag
PRINCIPAL STRUCTURAL ENGINEER

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

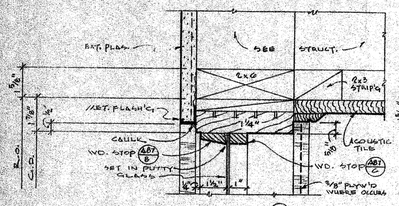
DATE	1-59
DR. BY	D.E.W.
CHECKED BY	C.E.S.
JOB NO.	56-71
SHEET NO.	A89
OF	LAB SHEETS



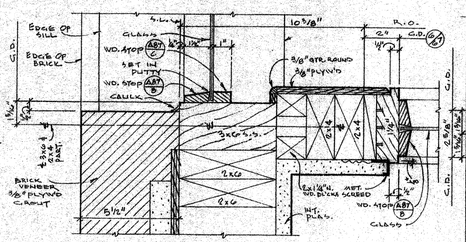
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	**KISTNER, WRIGHT & WRIGHT**	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE	WINDOW & DOOR DETAILS	DATE 1-59
	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES	17833 APPROVED JAN 5 - 1959	LA MIRADA HIGH SCHOOL	DR. BY D.E.W.
STRUCTURAL ENGINEER	CIVIL ENGINEER	ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA	APPLICATION NO. By E. Maag PRINCIPAL STRUCTURAL ENGINEER	EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	CHECKED BY C.C.S. JOB NO. 56-71

SHEET NO. A 90 OF 248 SHEETS



HEAD (63)



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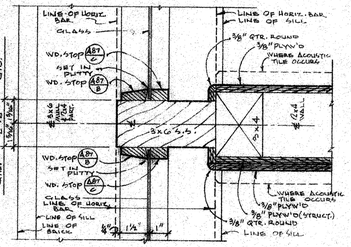
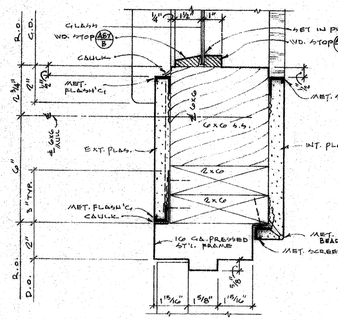


MULLION (75) (75A) OPP. HAND



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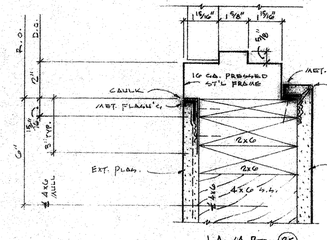

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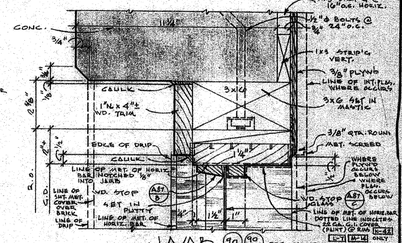
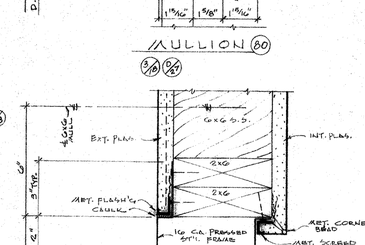
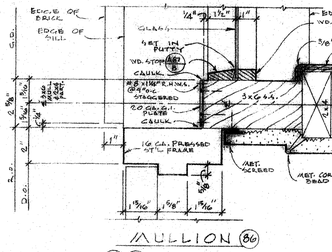


JAMB (90) (90A) OPP. HAND



MULLION (76)



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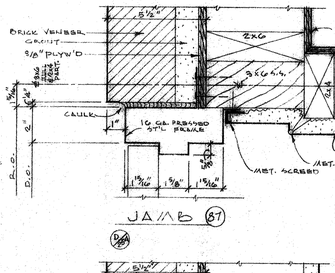
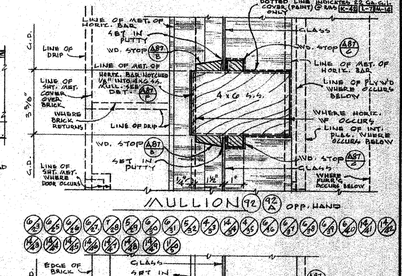
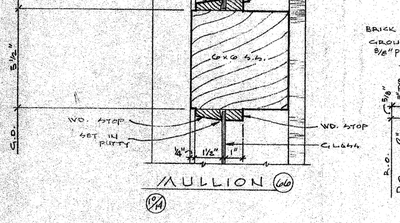


HEAD (82)



JAMB (87)

MULLION (92) (92A) OPP. HAND



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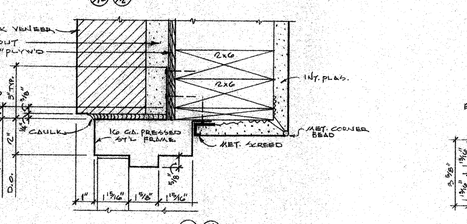

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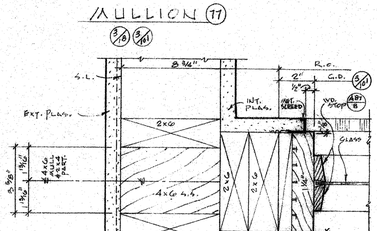

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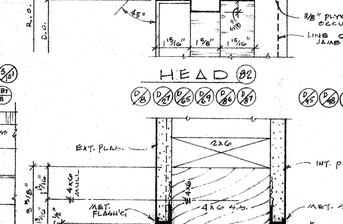

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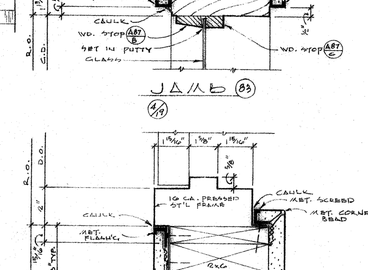

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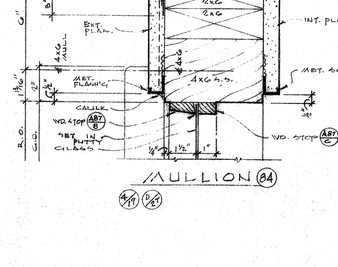

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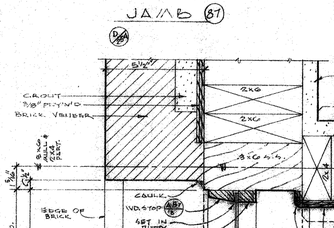

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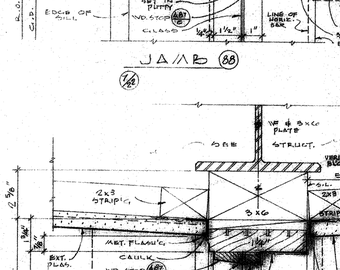
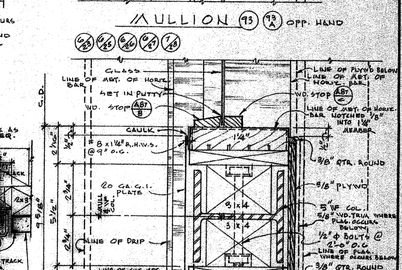
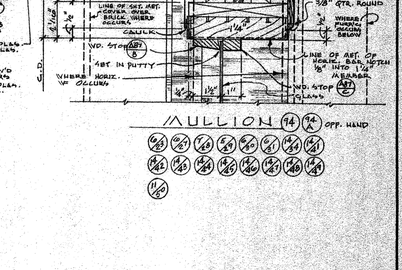


MULLION (84)

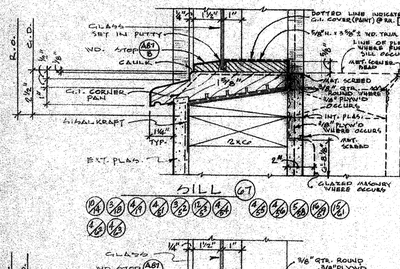
JAMB (88)



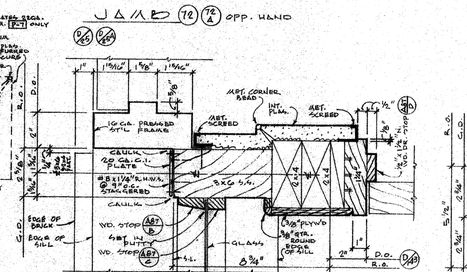
HEAD (89)



MULLION (74) (74A) OPP. HAND



SILL (67)



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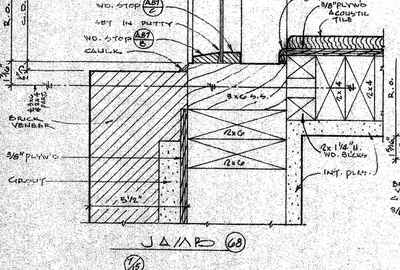
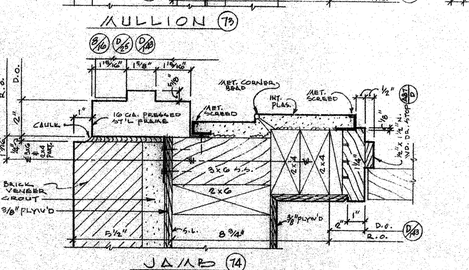


JAMB (68)



JAMB (74)

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

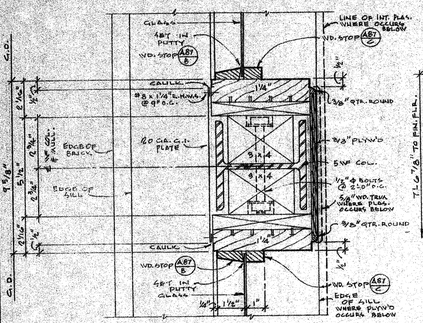
ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

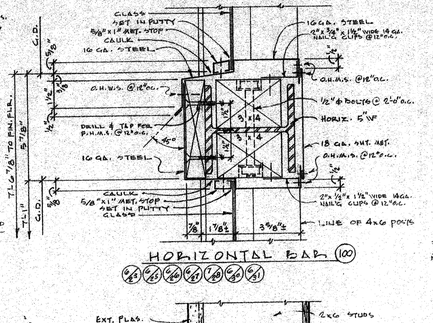
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

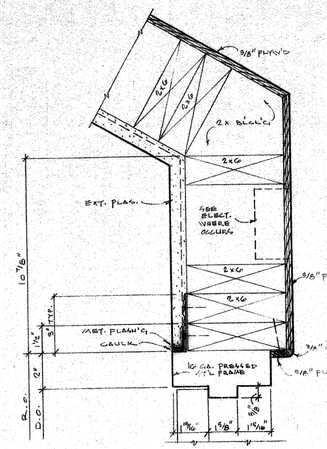
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 17823
APPROVED JAN 5 - 1959
BY E. Mauzy DC
INDUSTRIAL ACCIDENT BOARD

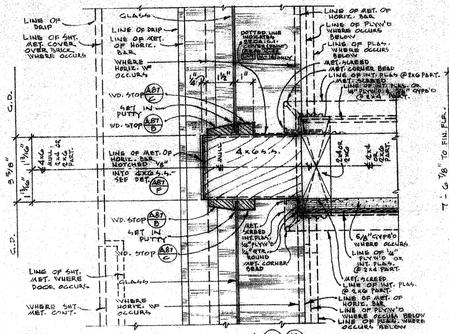
WINDOW & DOOR DETAILS
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

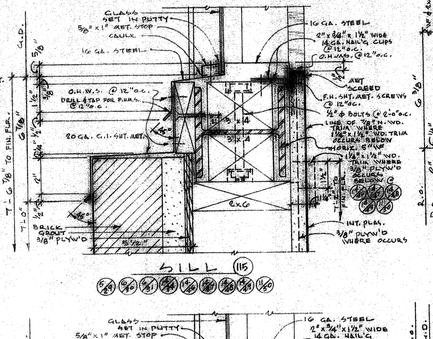
DATE 1-59
DR. BY D.E.W
CHECKED BY C.G.S.
JOB NO. 56-71
SHEET NO. A 91
OF 248 SHEETS

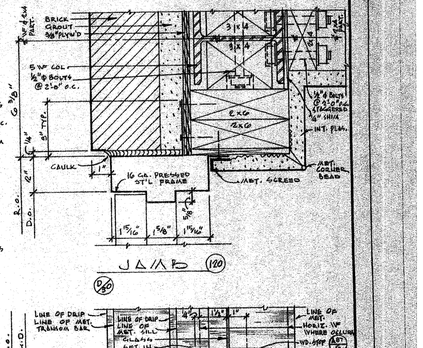


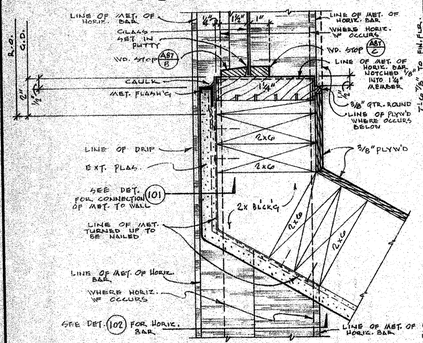


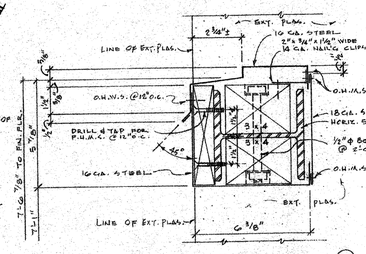


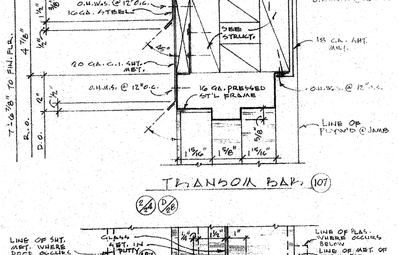


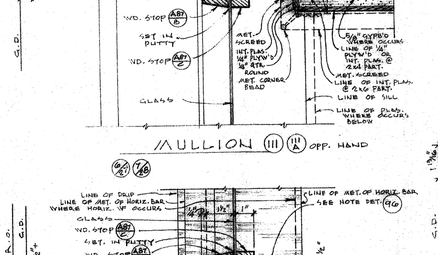


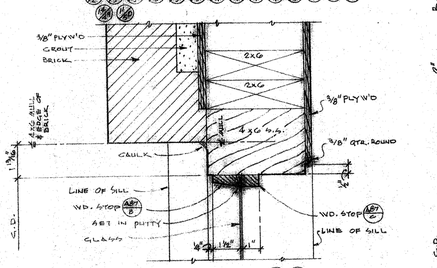


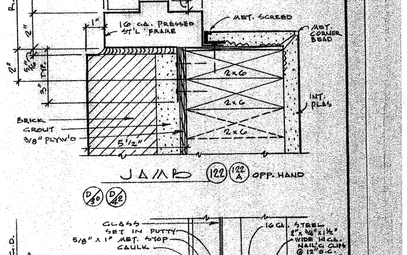


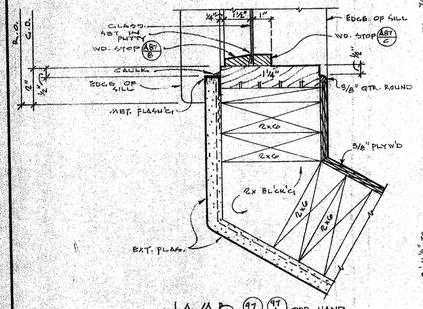


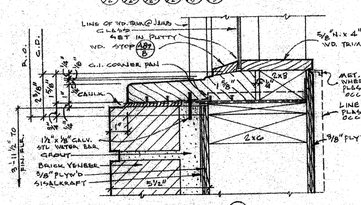


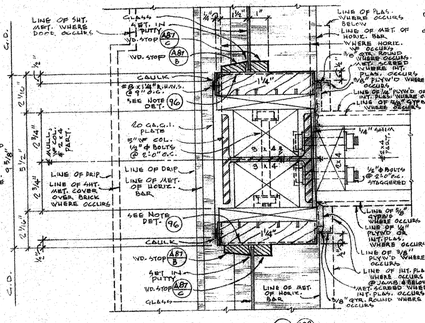


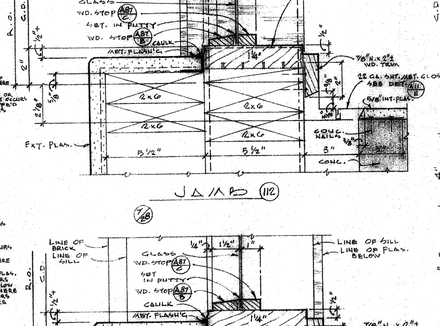


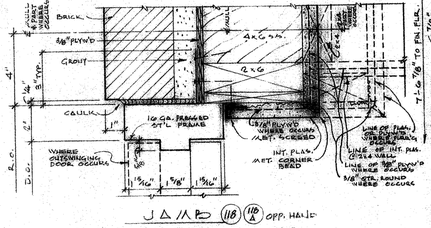


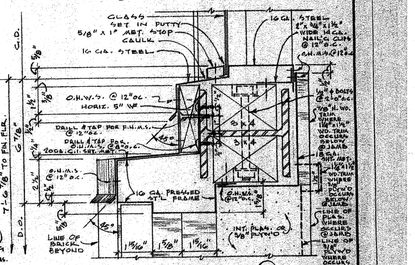


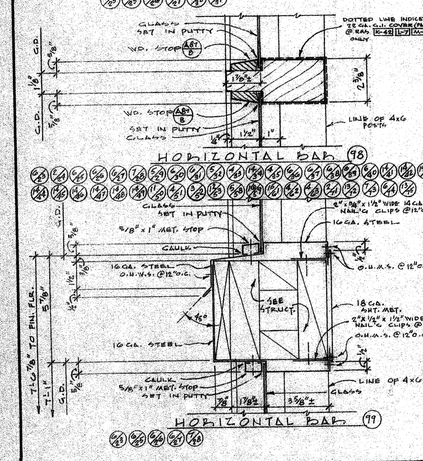


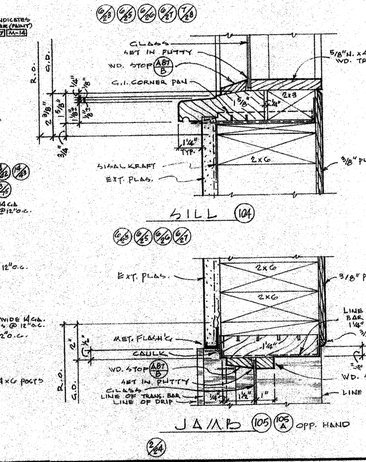


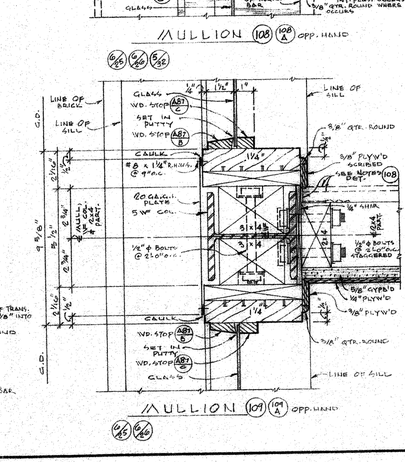


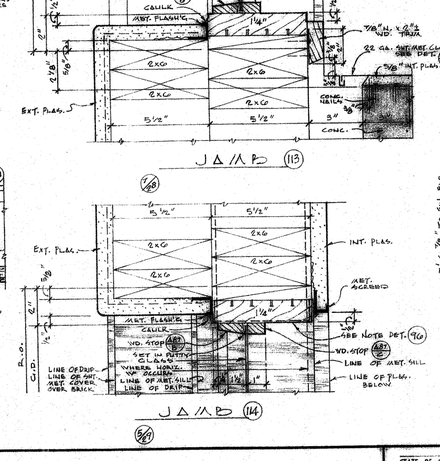


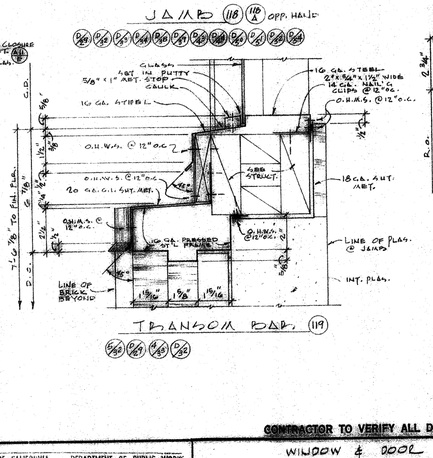


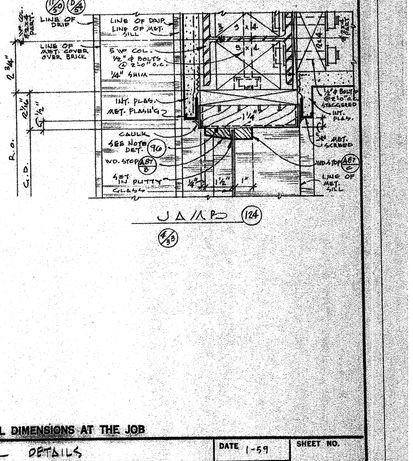












CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

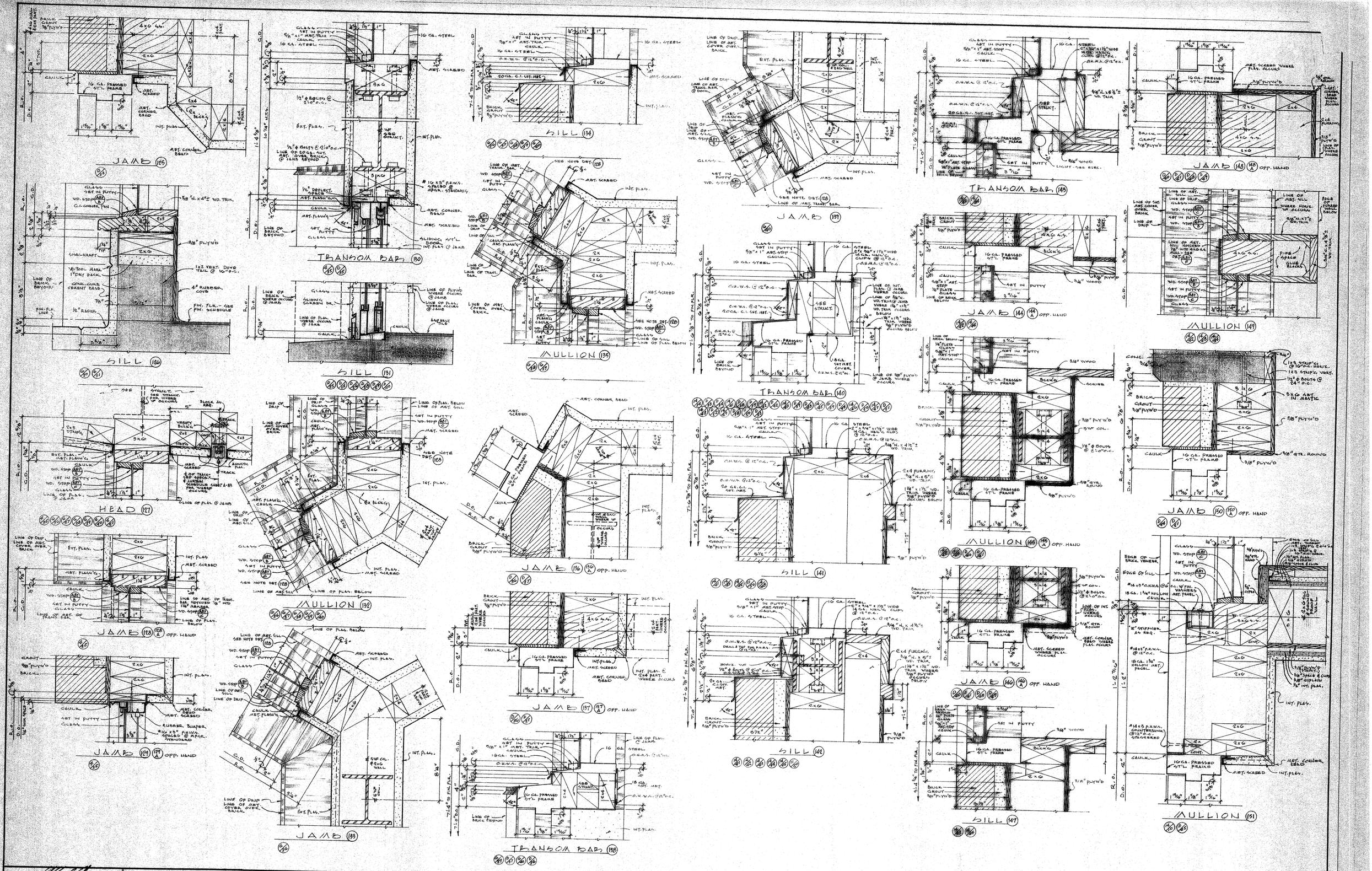
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 17833 APPROVED JAN 8 – 1959 By E. Maag DE

WINDOW & DOOR DETAILS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY D-FSW
CHECKED BY C.C.S.
JOB NO. 56-71

SHEET NO. A92
OF 248 SHEETS



ARCHITECT	MECHANICAL ENGINEER	
	ELECTRICAL ENGINEER	
STRUCTURAL ENGINEER	CIVIL ENGINEER	

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

1783 APPROVED JAN 5 - 1959

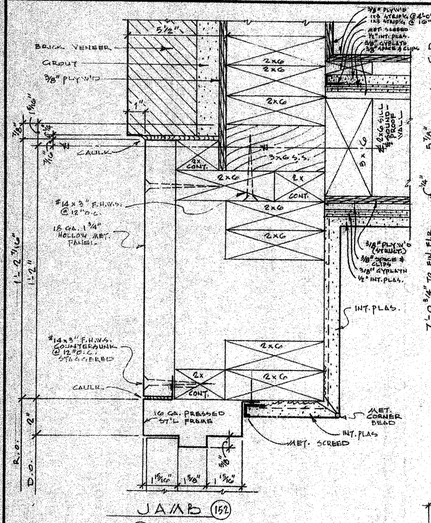
APPLICATION NO. Per E. Mary PRINCIPAL REGISTERED ENGINEER

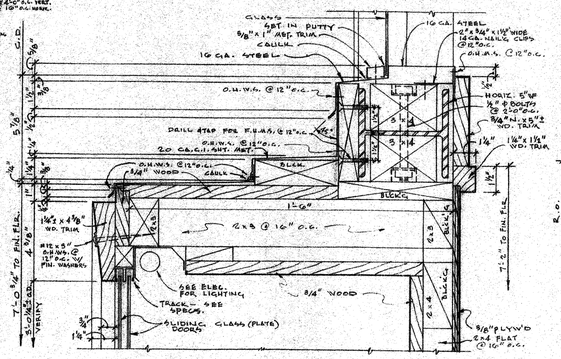
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

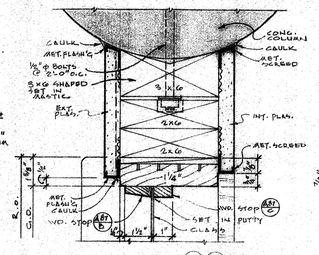
WINDOW & DOOR DETAILS

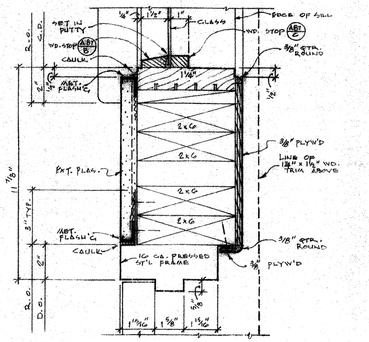
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

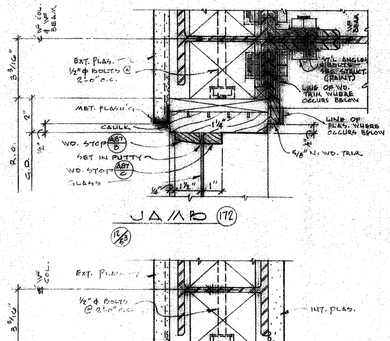
DATE	1-59
DR. BY	D.E.W.
CHECKED BY	C.C.S.
JOB NO.	56-71
SHEET NO.	A93
OF 248 SHEETS	

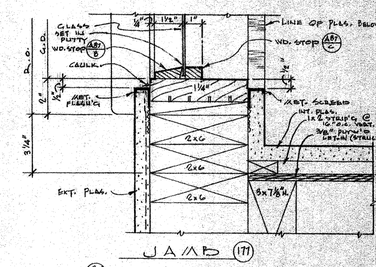


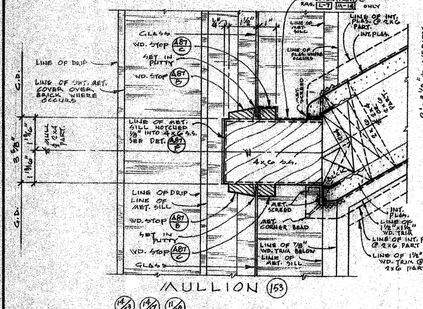


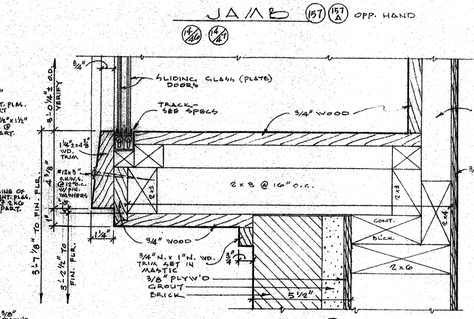


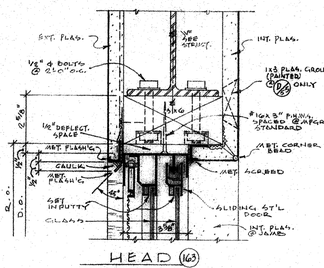


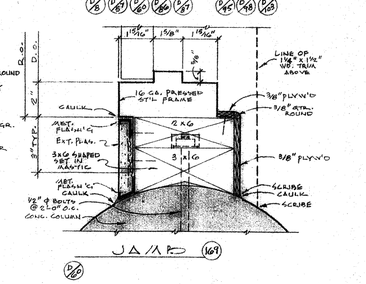


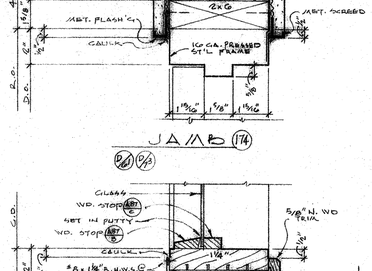


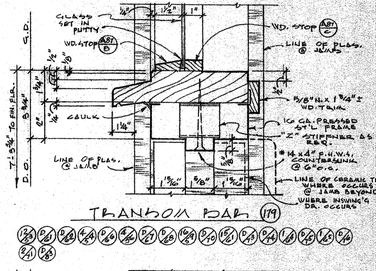


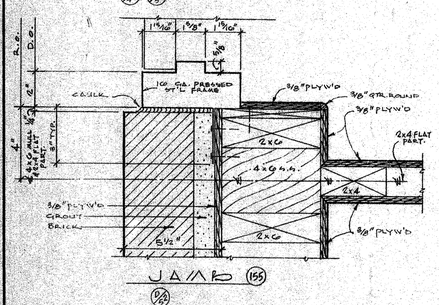


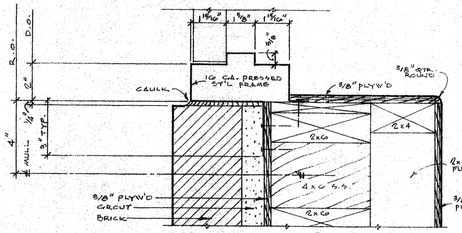


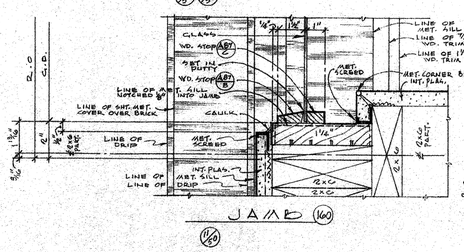


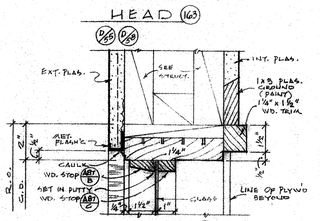


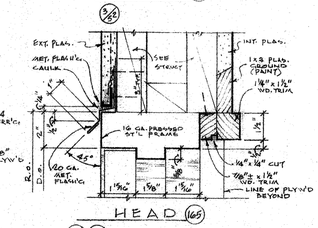


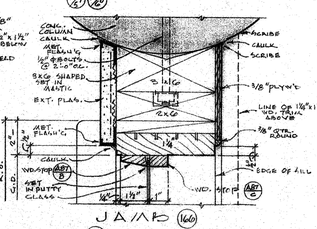


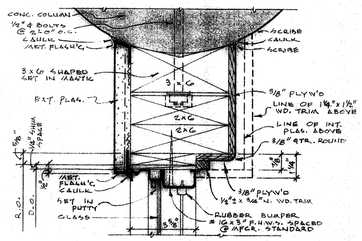


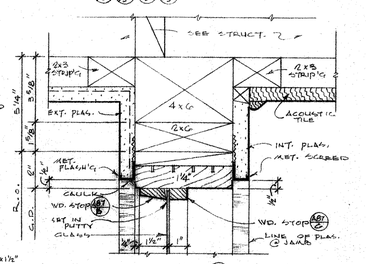


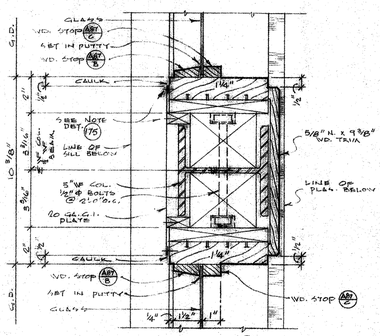


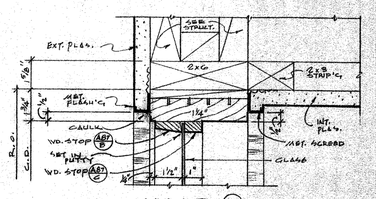












CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

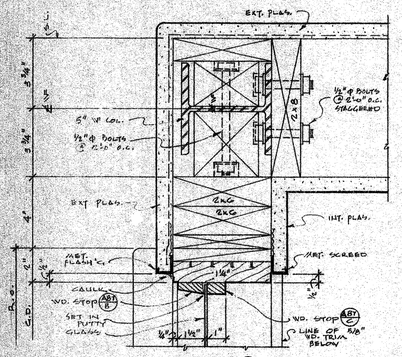
ARCHITECTURE – ENGINEERING — LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
17855 APPROVED JAN 5 1959
SIGNATURE NO. — BY E. Mary — PRINCIPAL ARCHITECTURAL ENGINEER

WINDOW & DOOR DETAILS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE	1-59
DR. BY	D.E.W.
CHECKED BY	C.E.S.
JOB NO.	56-71
SHEET NO.	A94
OF 248 SHEETS	



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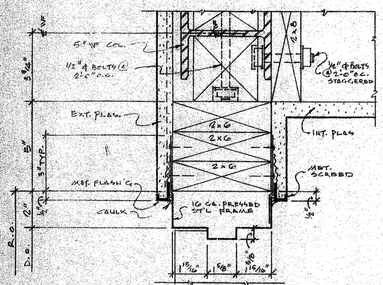

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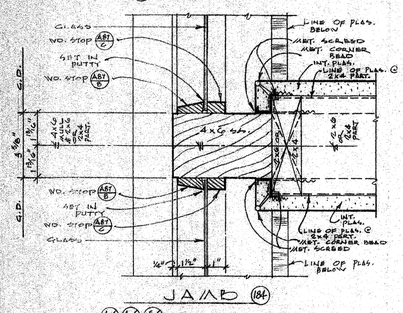

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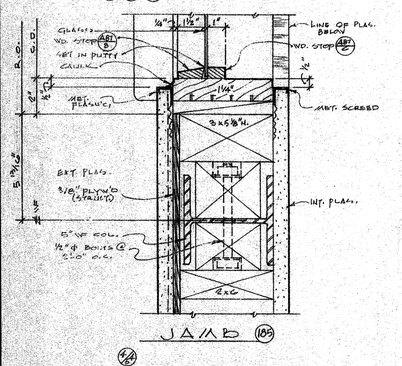

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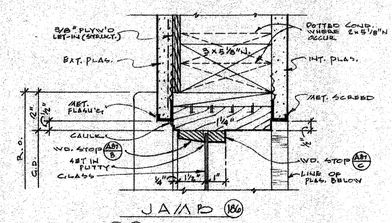

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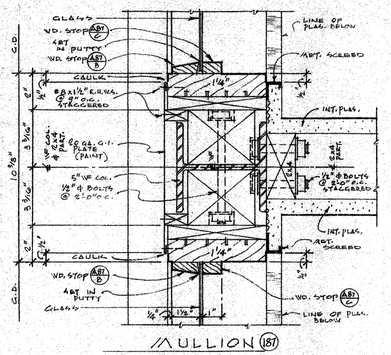

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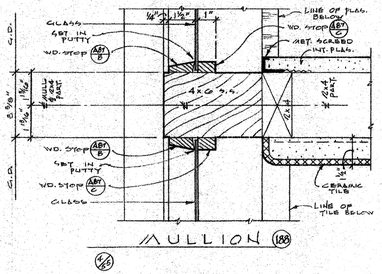

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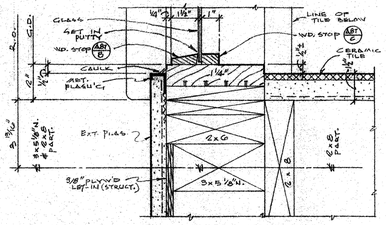

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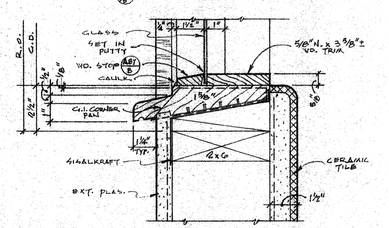

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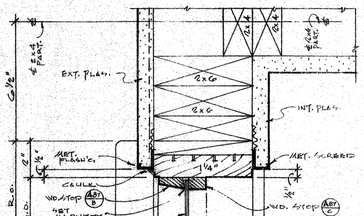

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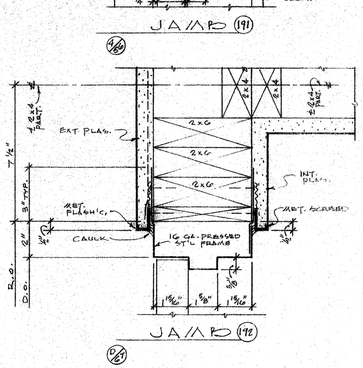

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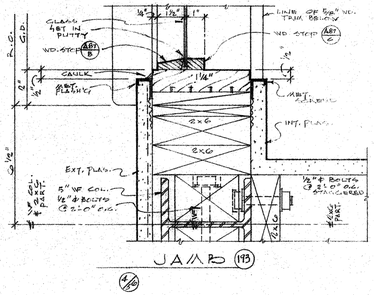

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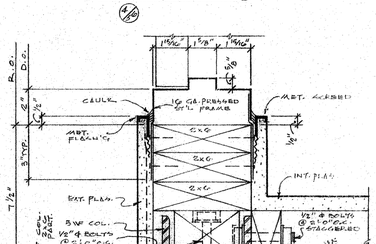
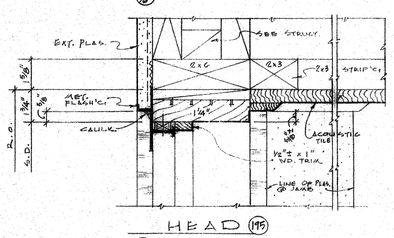


JAMB (194)



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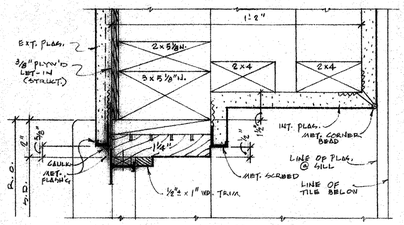
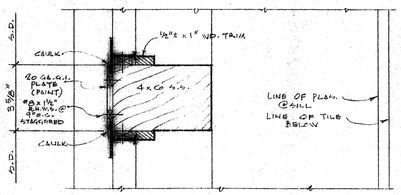


JAMB (196) (196A) OPP. HAND



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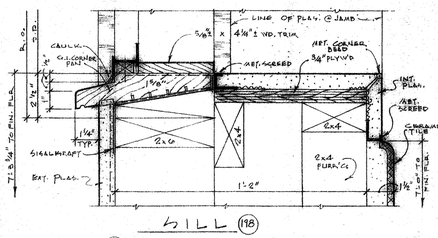

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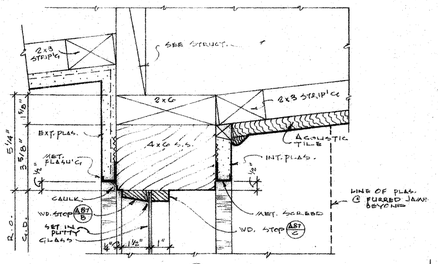

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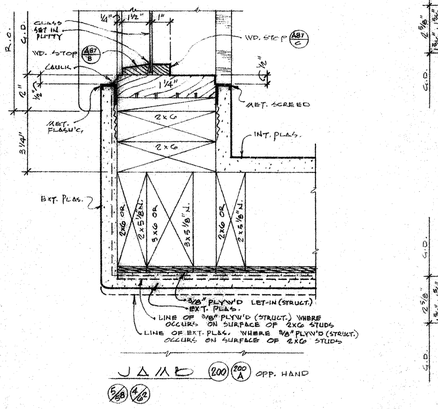

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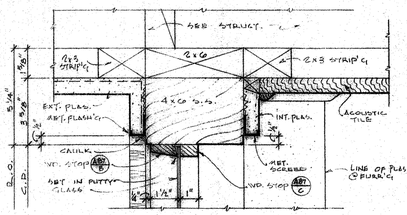

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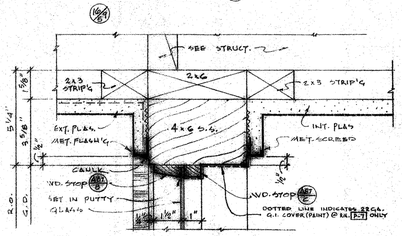

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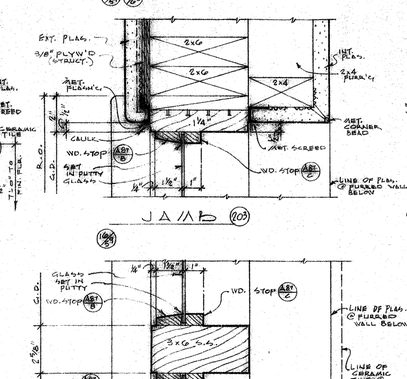

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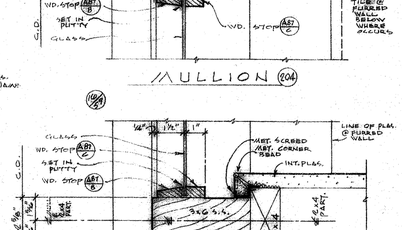

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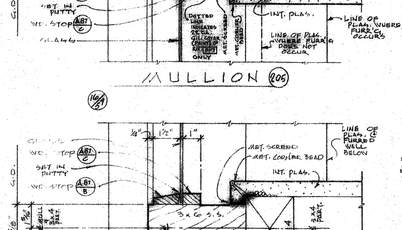
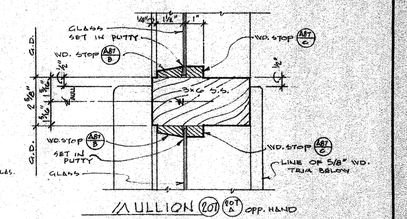
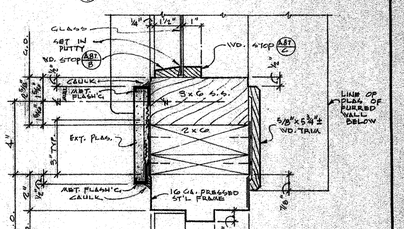


MULLION (206)

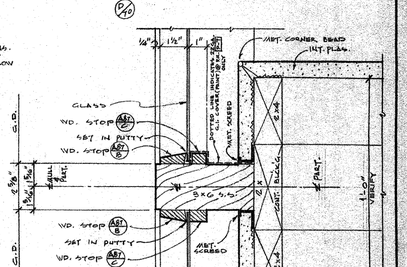
MULLION (208)



JAMB (209) (209A) OPP. HAND



JAMB (207) (207A) OPP. HAND



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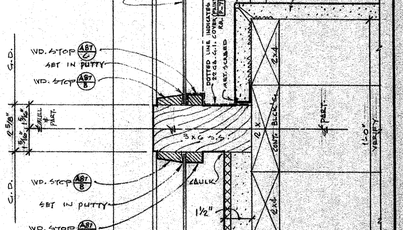


MULLION (211)

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

WINDOW & DOOR DETAILS

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

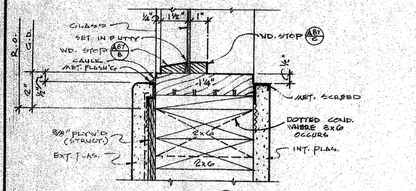
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. 17835 APPROVED JAN 5 - 1959

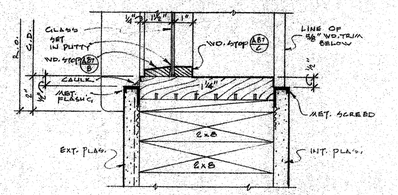
By E. Mang CE
PROFESSIONAL ARCHITECTURAL ENGINEER

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE	1-59
DR. BY	D-E-W
CHECKED BY	C.C.S.
JOB NO.	59-71
SHEET NO.	A95
	OF 248 SHEETS



JAMB (212)



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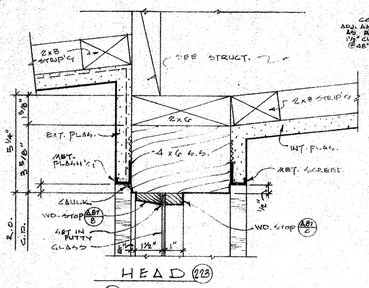

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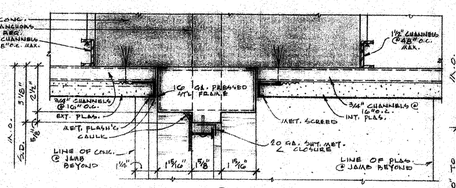

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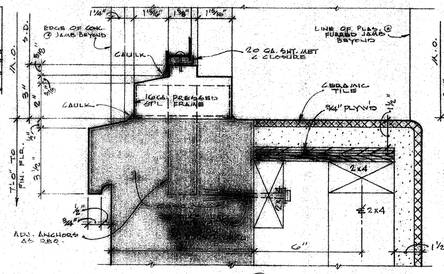
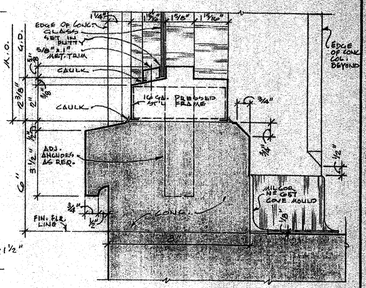


SILL (234)



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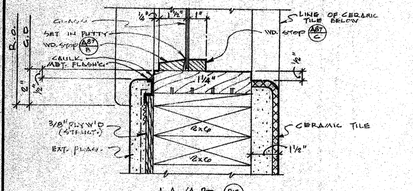

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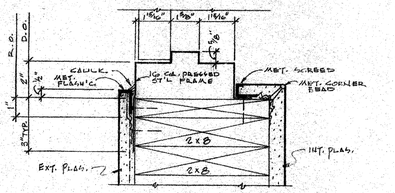

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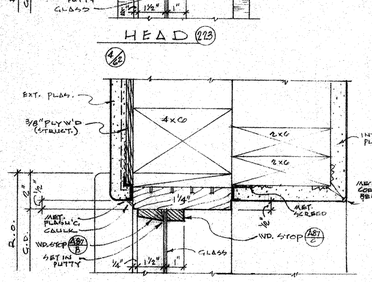

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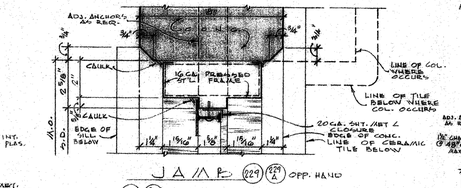
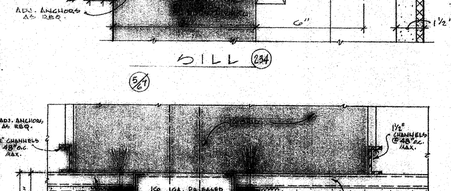


JAMB (229) (229A) OPP. HAND



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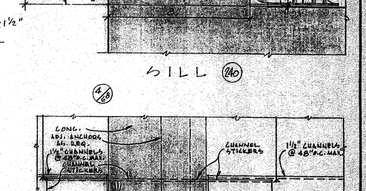

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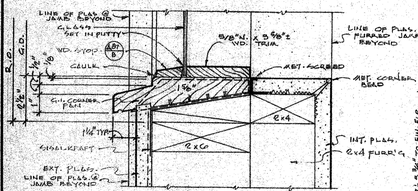
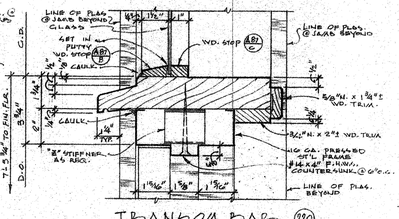
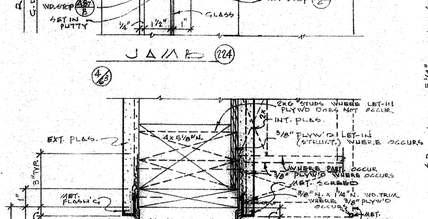


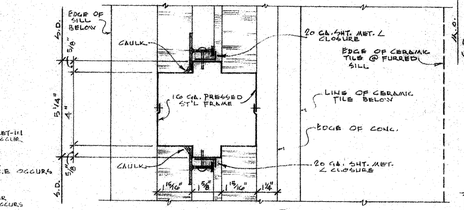
SILL (214)



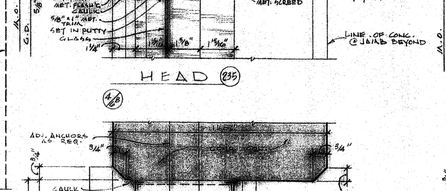
TRANSOM BAR (220)



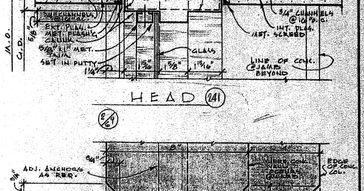
JAMB (225) (225A) OPP. HAND



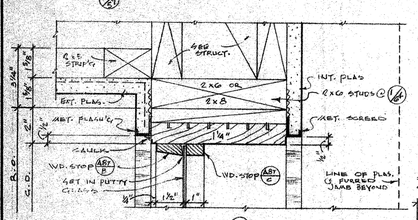
MULLION (230)



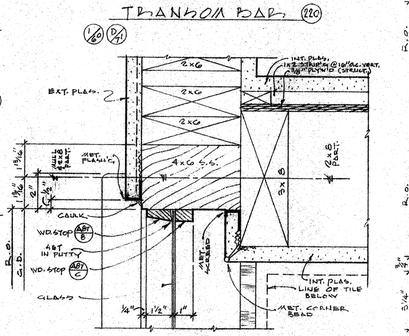
JAMB (236) (236A) OPP. HAND



JAMB (242) (242A) OPP. HAND



HEAD (215)



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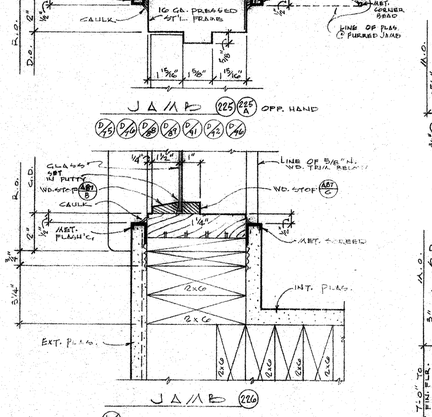

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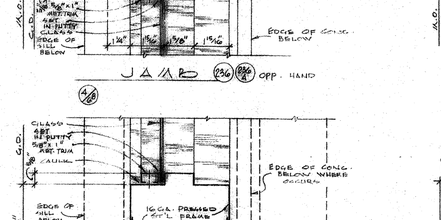

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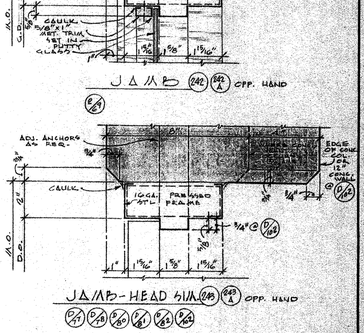
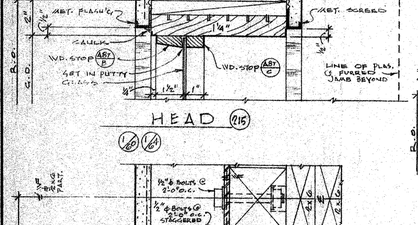


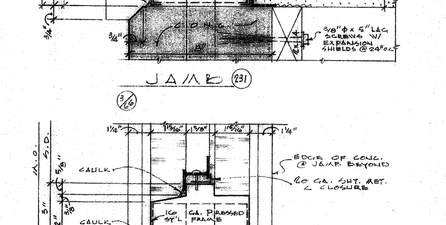
JAMB-HEAD SILL (243) (243A) OPP. HAND



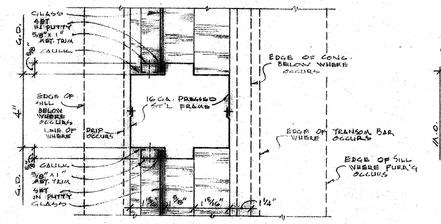
JAMB (216)

JAMB (222)

JAMB (227)

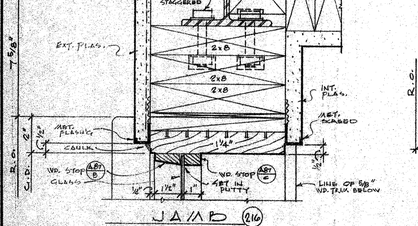


JAMB (232)



HORIZONTAL BAR (238)

HORIZONTAL BAR (239)



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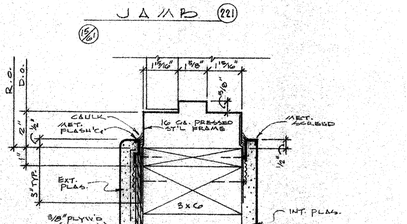
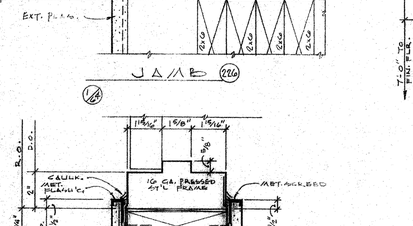


HEAD (222A)



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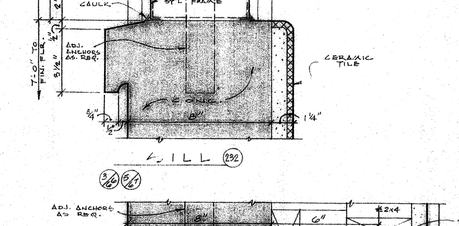

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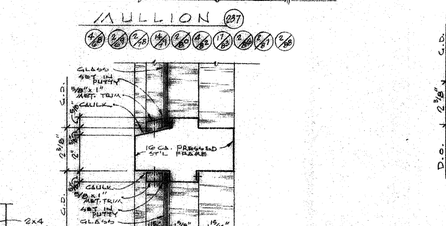
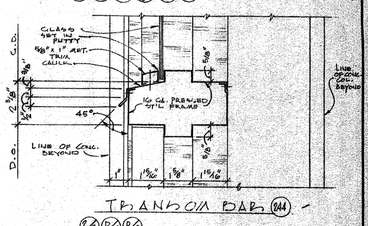


HORIZONTAL BAR (239)



HEAD (244)

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

APPLICATION NO. 17852 APPROVED JAN 5 1959

BY E Mray DC
PRINCIPAL RESIDENTIAL ENGINEER

WINDOW & DOOR DETAILS

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE 1-59

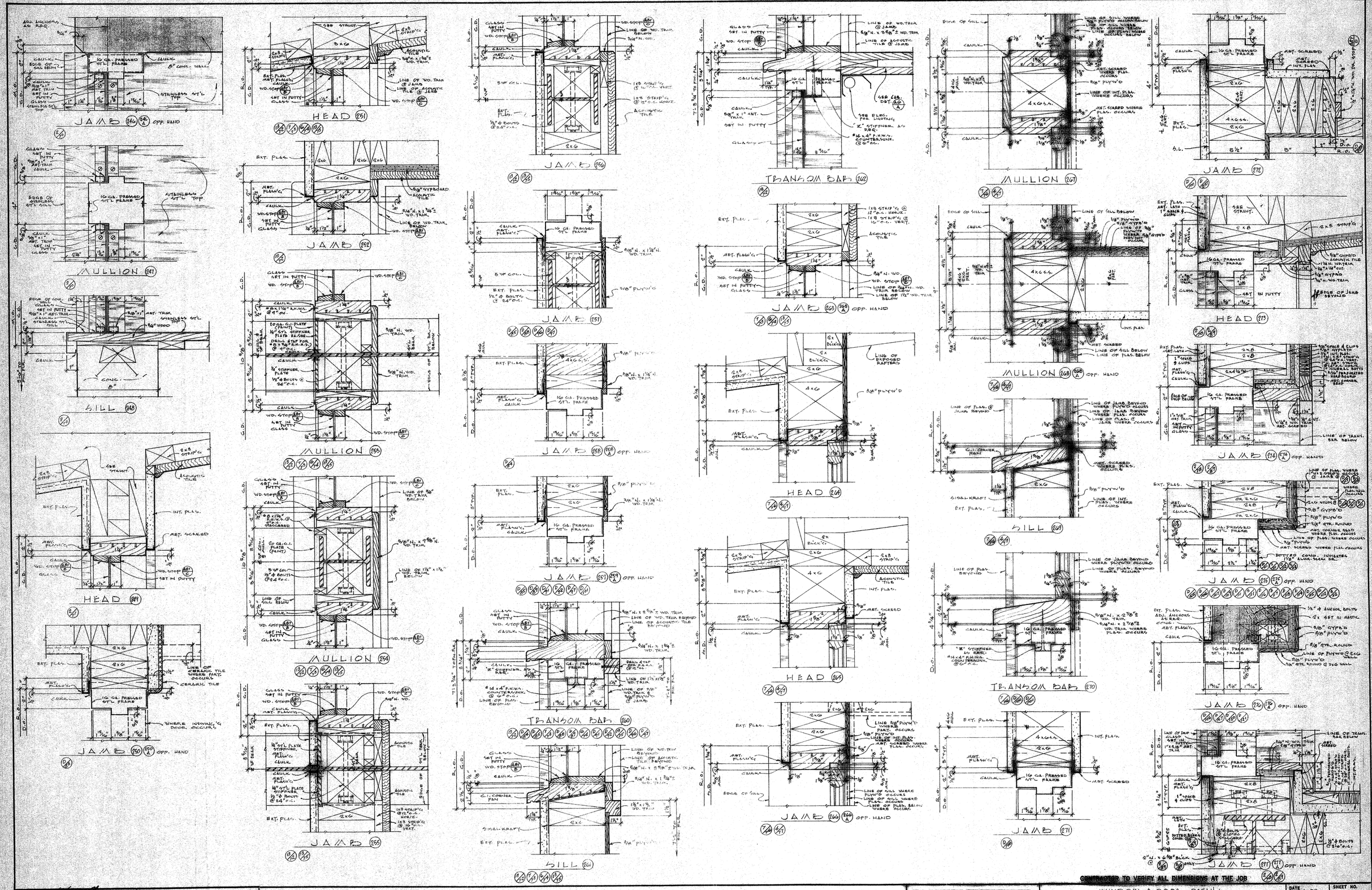
DR. BY D-R-W

CHECKED BY

JOB NO. 58-71

SHEET NO. A96

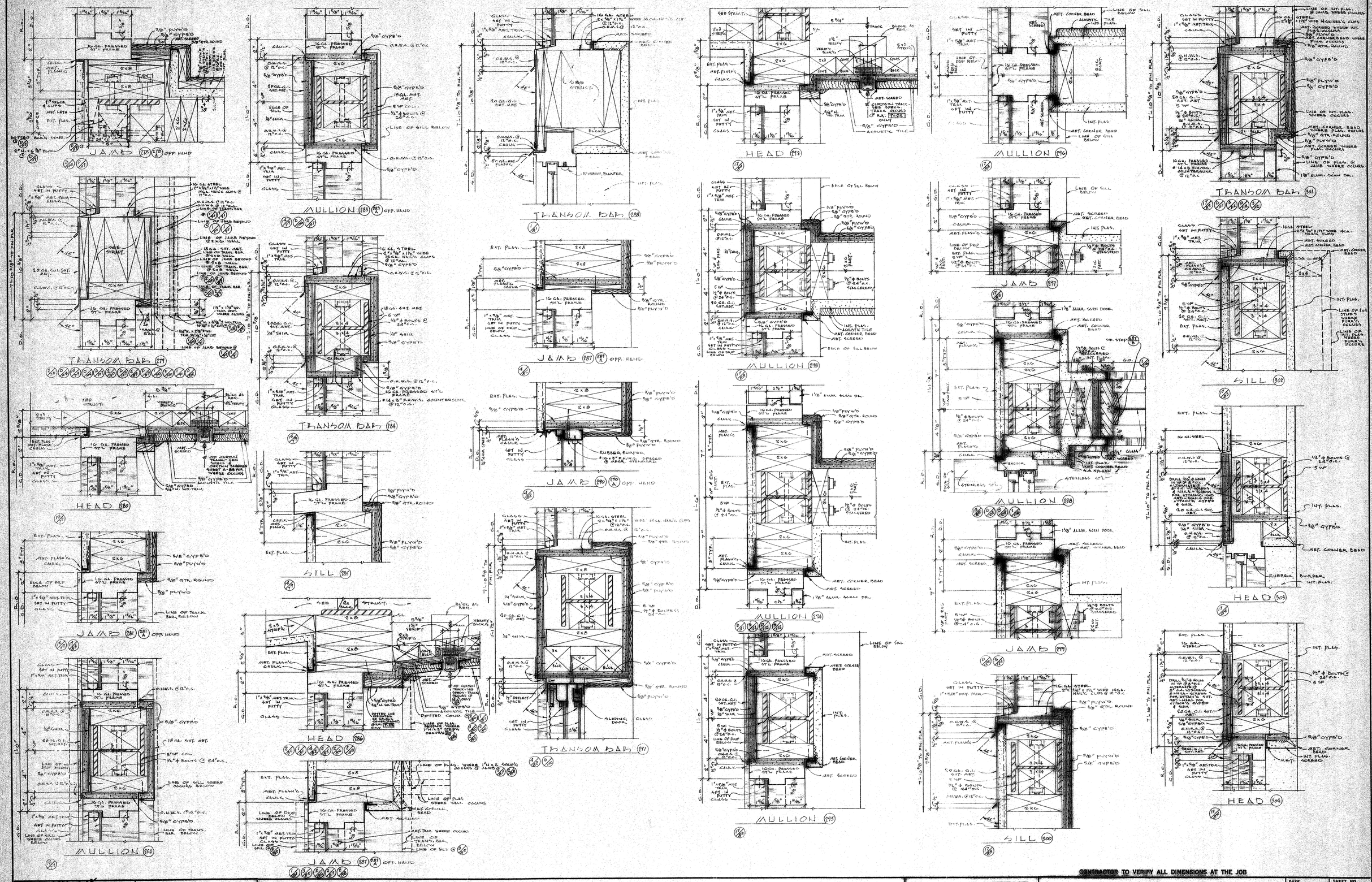
OF 248 SHEETS



CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

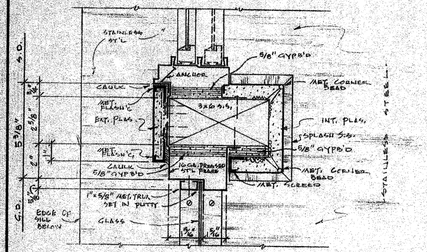
ARCHITECT	MECHANICAL ENGINEER	**KISTNER, WRIGHT & WRIGHT**	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE	WINDOW & DOOR DETAILS	DATE 1-59
	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES	17835 APPROVED JAN 5 1959	LA MIRADA HIGH SCHOOL	DR. BY D.E.W.
STRUCTURAL ENGINEER	CIVIL ENGINEER	ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	APPLICATION NO. BY E. Marg	EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK CALIFORNIA	CHECKED BY C.C.S. JOB NO. 56-71

SHEET NO. A97 OF 248 SHEETS



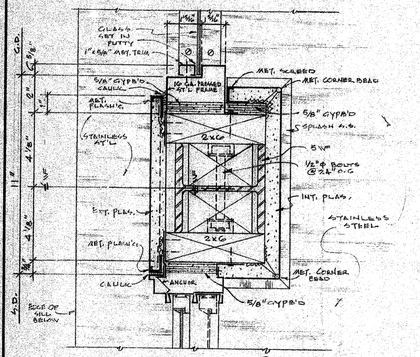
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT STRUCTURAL ENGINEER	MECHANICAL ENGINEER ELECTRICAL ENGINEER CIVIL ENGINEER	**KISTNER, WRIGHT & WRIGHT** ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17883 APPROVED JAN 5 1959 APPLICATION NO. PER E. Mary JOE PRINCIPAL STRUCTURAL ENGINEER	WINDOW & DOOR DETAILS LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	DATE 1-59 DR. BY D-E-W CHECKED BY C.C.S. JOB NO. 56-71	SHEET NO. A98 OF 248 SHEETS



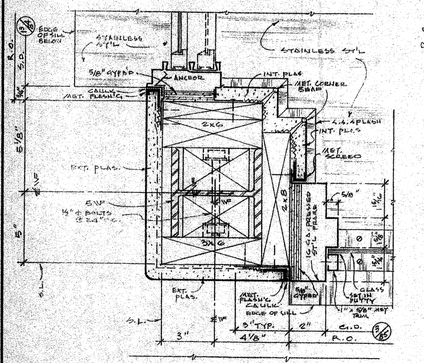
MULLION (305) (3/2) OPP. HAND

(3/16)



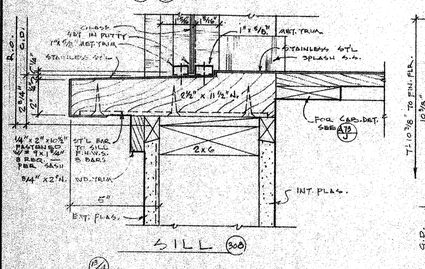
MULLION (306)

(3/16)



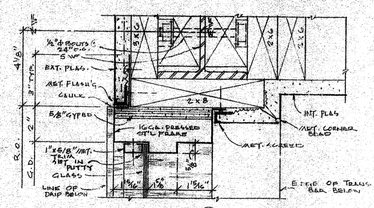
JAMB (307)

(3/16)



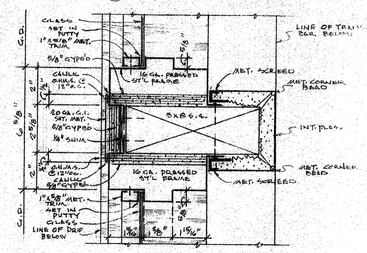
SILL (308)

(3/16)



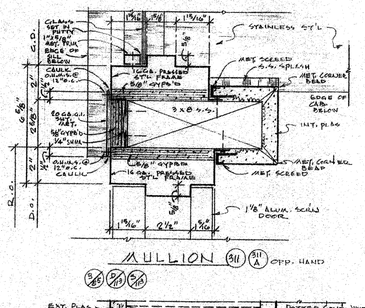
JAMB (309)

(3/16)



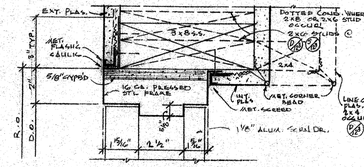
MULLION (310)

(3/16)



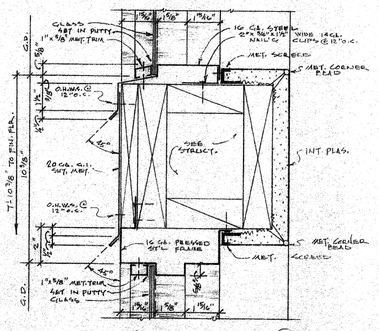
MULLION (311) (3/11 A) OPP. HAND

(3/16) (3/21) (3/16)



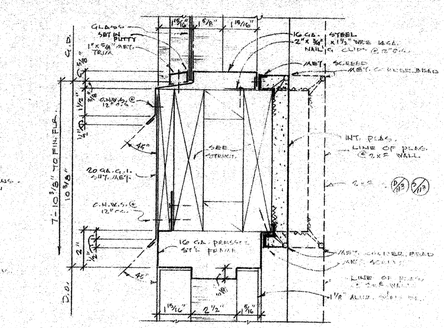
JAMB (312) (3/12 A) OPP. HAND

(3/16) (3/21) (3/16) (3/16)



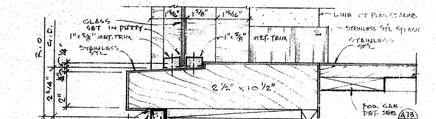
TRANSOM BAR (313)

(3/16)



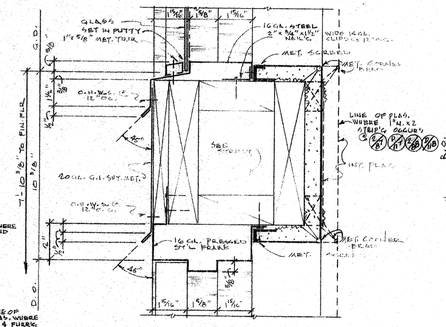
TRANSOM BAR (314)

(3/16) (3/21) (3/16) (3/16)



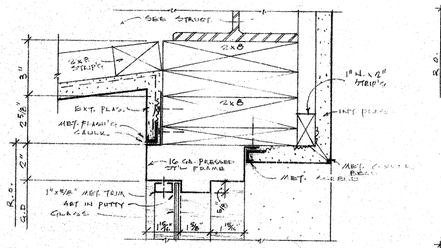
SILL (315)

(3/16)



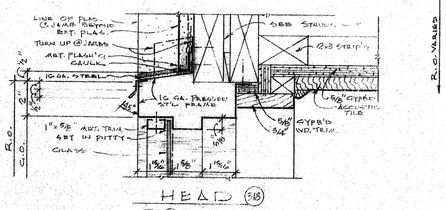
TRANSOM BAR (316)

(3/16) (3/21) (3/16) (3/16)



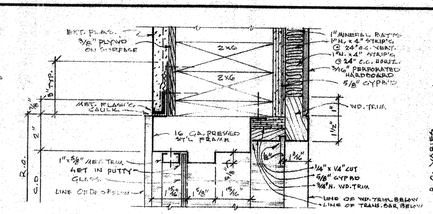
HEAD (317)

(3/16)



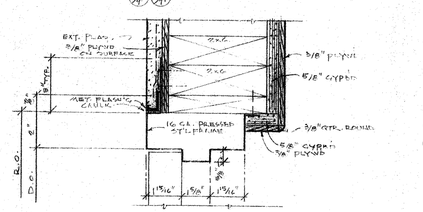
HEAD (318)

(3/16) (3/21)



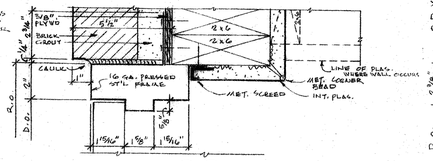
JAMB (319) (5/19 A) OPP. HAND

(1/4) (1/4)



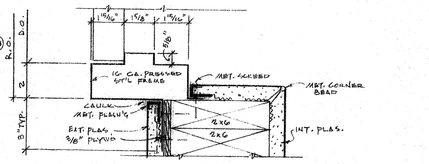
JAMB (320) (3/20 A) OPP. HAND

(3/16) (3/16)



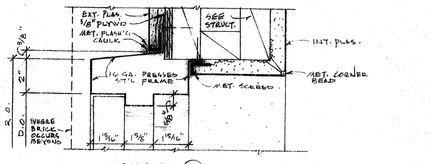
JAMB (321) (3/21 A) OPP. HAND

(3/16) (3/16) (3/16) (3/21)



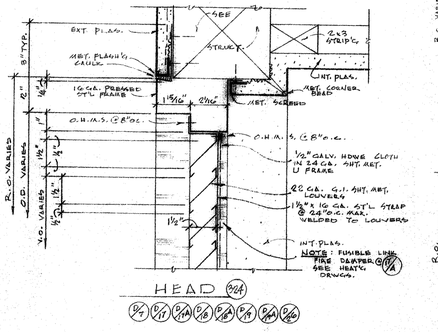
JAMB (322) (3/22 A) OPP. HAND

(3/16)



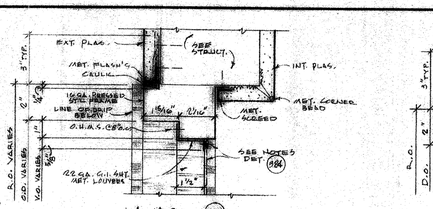
HEAD (323)

(3/16) (3/16)



HEAD (324)

(3/16) (3/11) (3/24) (3/16) (3/16) (3/24) (3/24) (3/16)



JAMB (325)

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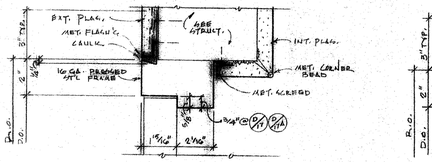

JAMB (326)

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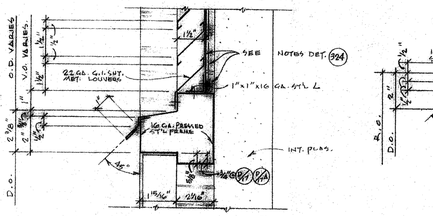

TRANSOM BAR (327)

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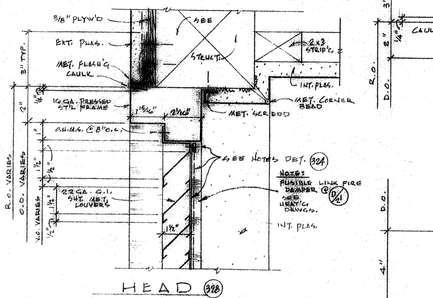

HEAD (328)

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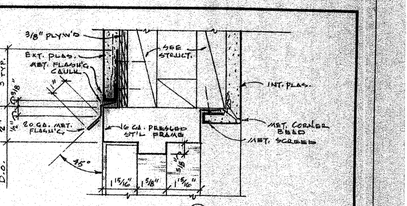
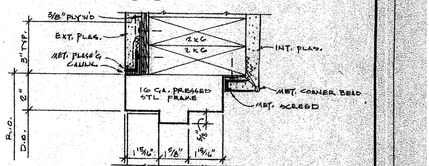


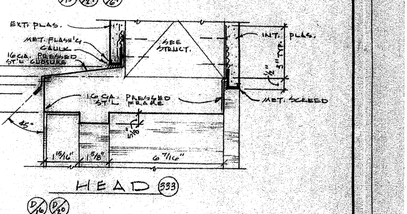
HEAD (331)

(3/15) (3/24) (3/24)



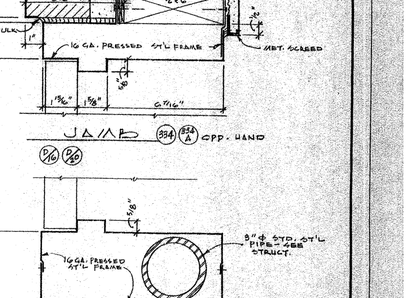
JAMB (332) (3/22 A) OPP. HAND

(3/16) (3/24) (3/24)



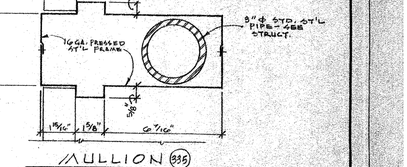
HEAD (333)

(3/16) (3/16)



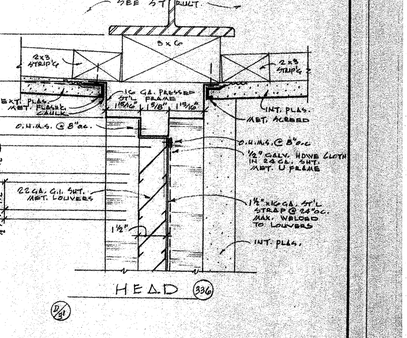
JAMB (334) (3/24 A) OPP. HAND

(3/16) (3/16)



MULLION (335)

(3/16) (3/16)



HEAD (336)

(3/24)

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA, DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE

APPLICATION NO. 17[illegible] APPROVED JAN 5 1959 Per E. Murray

PRINCIPAL STRUCTURAL ENGINEER

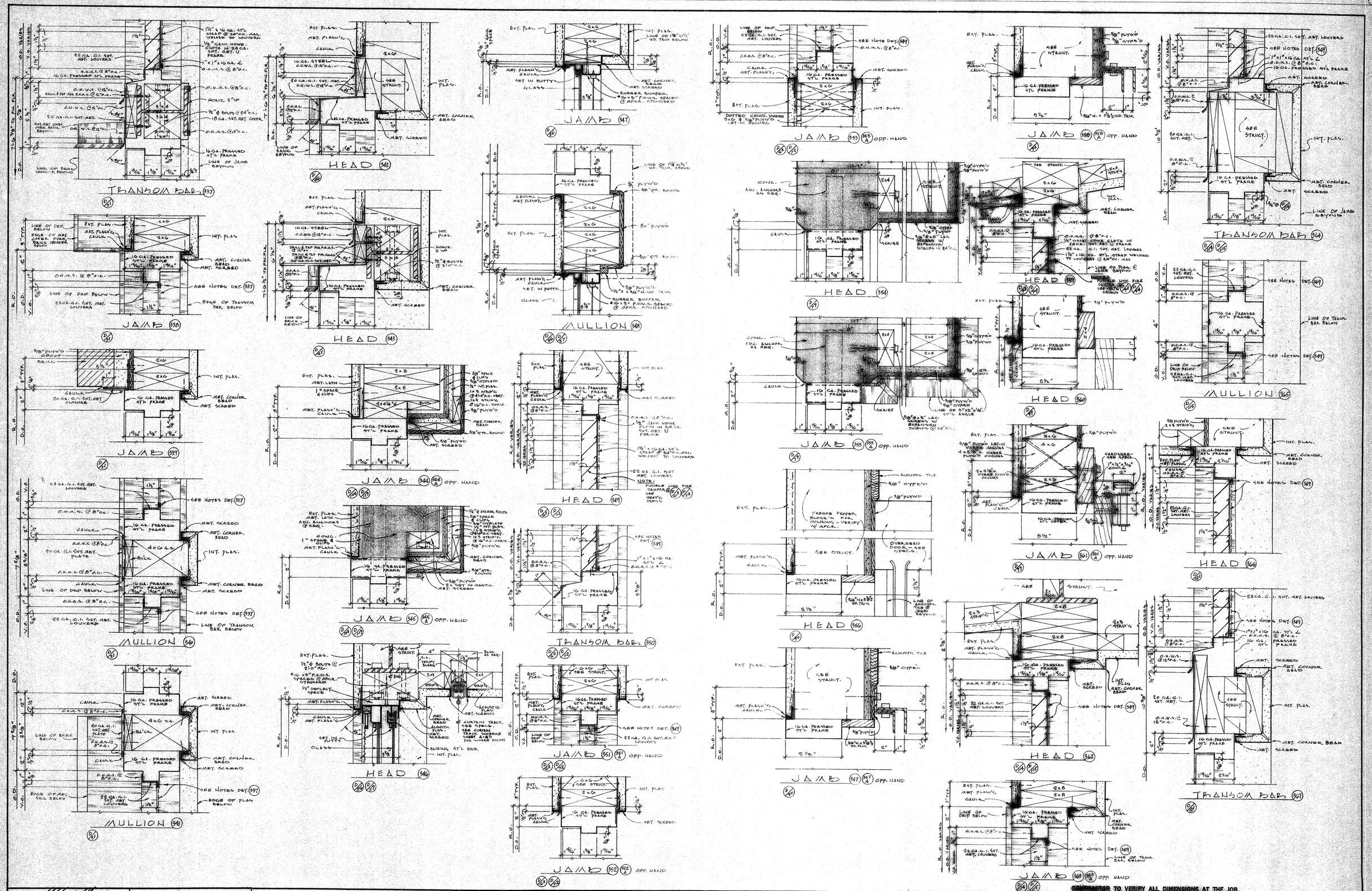
WINDOW & DOOR DETAILS

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

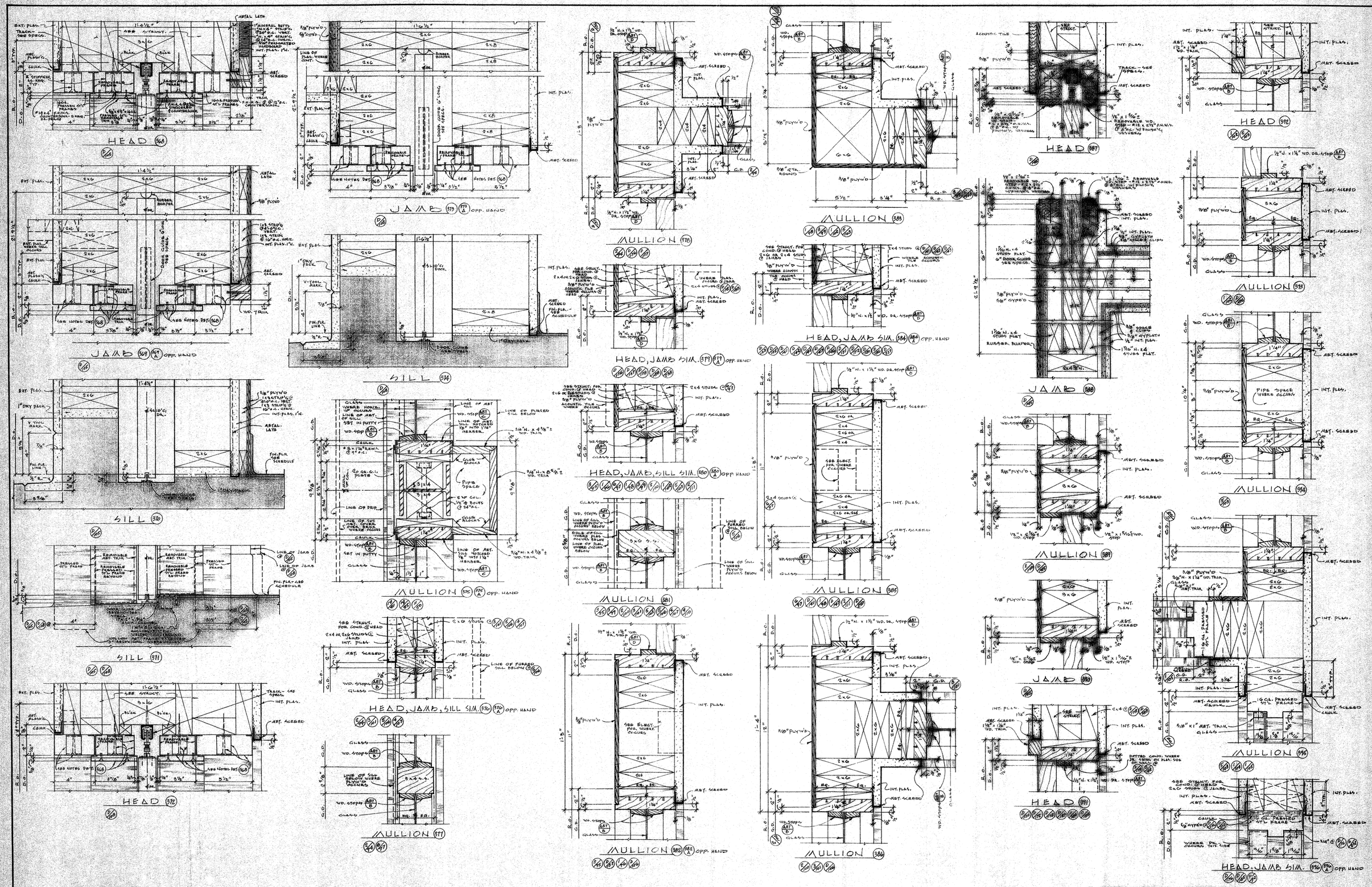
DATE	1-59
DR. BY	D.E.W.
CHECKED BY	C.C.L.
JOB NO.	58-71
SHEET NO.	A99
	of 248 SHEETS



CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	**KISTNER, WRIGHT & WRIGHT**	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE	WINDOW & DOOR DETAILS	DATE 1-59
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES	17833 APPROVED JAN 5 - 1959	LA MIRADA HIGH SCHOOL	DR. BY D.B.W.
	CIVIL ENGINEER	ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA	APPLICATION NO. Pr. E. Maag PRINCIPAL STRUCTURAL CONSULTANT	EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	CHECKED BY C.C.S. JOB NO. 56-71

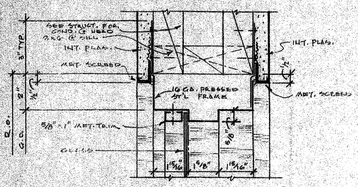
SHEET NO. A100 OF 248 SHEETS



CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

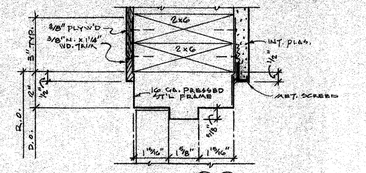
ARCHITECT	MECHANICAL ENGINEER	**KISTNER, WRIGHT & WRIGHT**	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE	WINDOW & DOOR DETAILS	DATE 1-59
	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES	17888 APPROVED JAN 5 1959	LA MIRADA HIGH SCHOOL	DR. BY D.E.W.
STRUCTURAL ENGINEER	CIVIL ENGINEER	ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	APPLICATION NO.	EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	CHECKED BY C.C.S. JOB NO. 56-71

SHEET NO. A101 OF 248 SHEETS



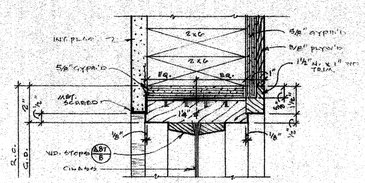
HEAD, SILL SIM. (397)

1/1B



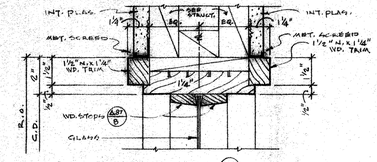
JAMB (403) (403A) OPP. HAND

D/2B



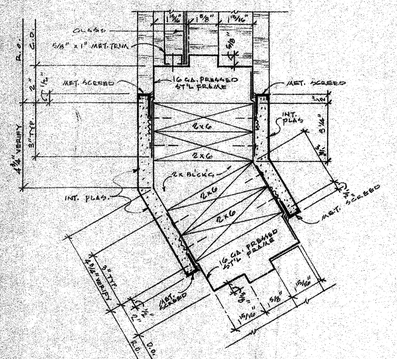
JAMB, SILL SIM. (409)

1/1B



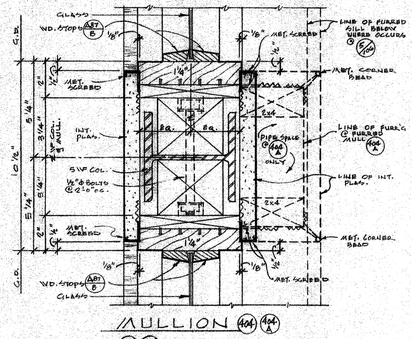
HEAD (416)

3/1B



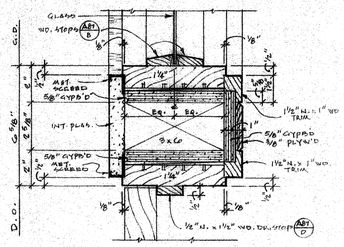
MULLION (398)

1/1B



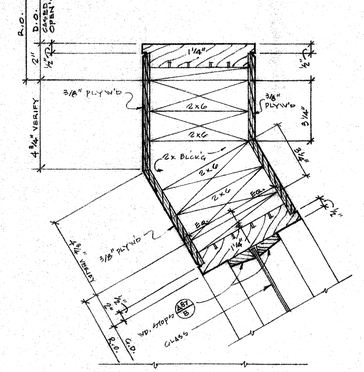
MULLION (404) (404A)

5/2B 2/2B1



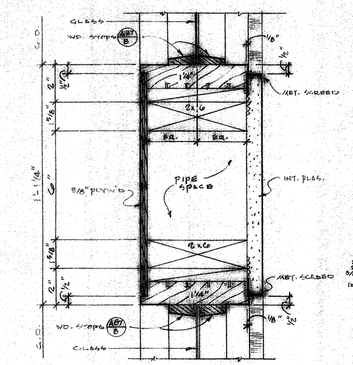
MULLION (410)

1/2B 2/2B



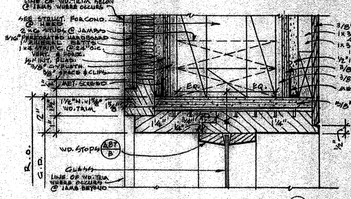
MULLION (416) (416A) OPP. HAND

3/1B 2/2B 2/2B



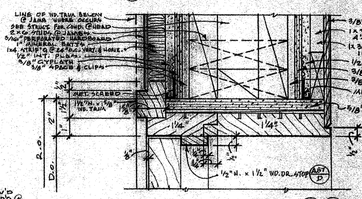
MULLION (420)

3/1B



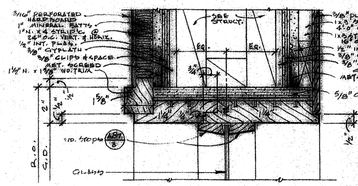
HEAD, JAMB SIM. (425)

1/1B



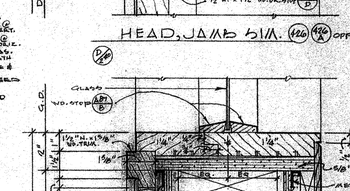
HEAD, JAMB SIM. (426) (426A) OPP. HAND

1/1B 2/2B



HEAD (421)

1/1B

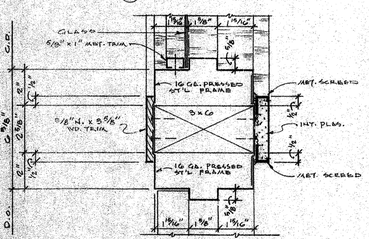


MULLION (427)

2/2B

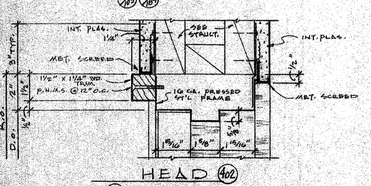
MULLION (401)

1/2B 2/2B



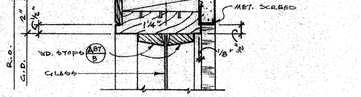
MULLION (401)

1/2B 2/2B



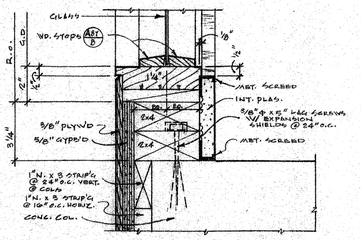
HEAD (402)

D/2B



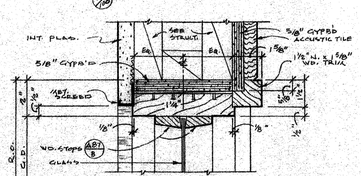
HEAD, JAMB, SILL SIM. (406)

1/1B



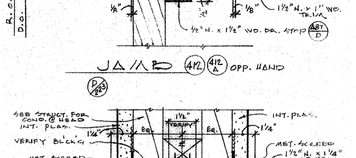
JAMB (407)

1/1B



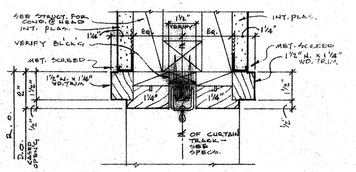
HEAD (408)

1/1B



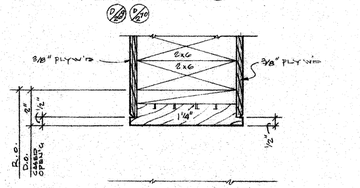
JAMB (412) (412A) OPP. HAND

D/2B



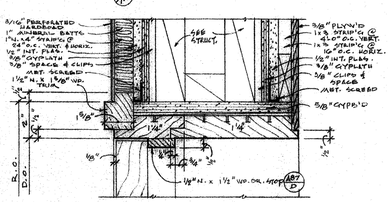
HEAD (413)

D/2B D/2B



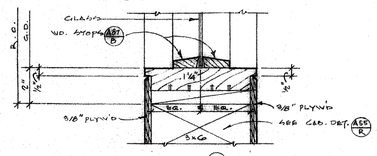
JAMB (414) (414A) OPP. HAND

D/2B D/2B



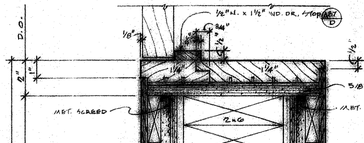
HEAD (419)

D/2B



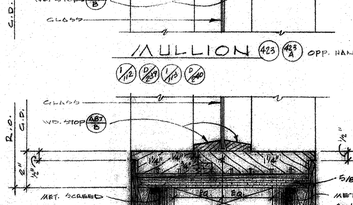
SILL (418)

3/1B



MULLION (417)

3/1B 2/2B

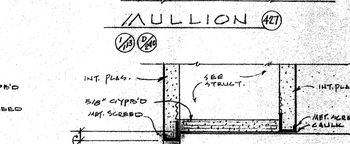


MULLION (423) (423A) OPP. HAND

1/1B 2/2B 1/1B 2/2B

JAMB, SILL SIM. (424) (424A) OPP. HAND

1/1B 1/1B



JAMB (429)

1/1B

HEAD (428)

1/1B

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE — ENGINEERING — LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 17883 APPROVED JAN 5 1959
for E. Mary
PRINCIPAL STRUCTURAL ENGINEER

WINDOW & DOOR DETAILS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY D.B.W.
CHECKED BY C.S.
JOB NO. 59-11

SHEET NO. A102
OF 248 SHEETS

JAMB 430 — 1/24

SILL 431 — 1/24

HEAD 432 — 1/15

JAMB 433 (432A) OPP. HAND — 1/15

SILL 434 — 1/15

HEAD, JAMB SIM. 435 (434A) OPP. HAND — 2/24

MULLION 436 — 1/16

HEAD 437 — 1/16

SILL 438 — 1/16

HEAD 439 — 2/24 1/16 2/24 1/16 2/24 2/24 2/24 1/16

JAMB 440 (440A) OPP. HAND — 1/24 2/24 2/24 2/24 1/16 1/24

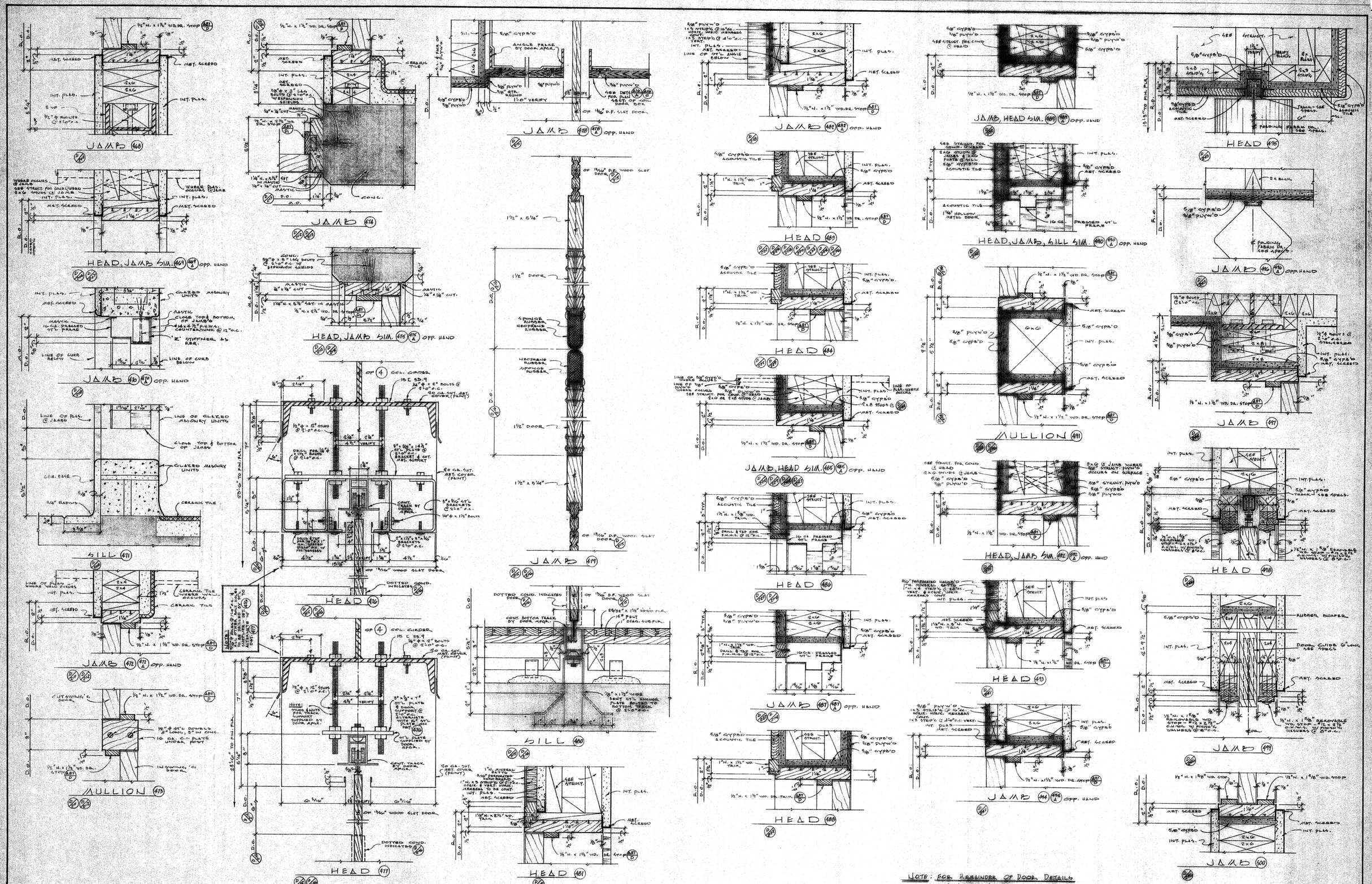
MULLION 441 — 2/24

HEAD, JAMB SIM. 442 (442A) OPP. HAND — 2/24 1/24

HEAD, JAMB SIM. 443 (443A) OPP. HAND — 2/24

HEAD, JAMB SIM. 444 (444A) OPP. HAND — 2/24 2/24 2/24

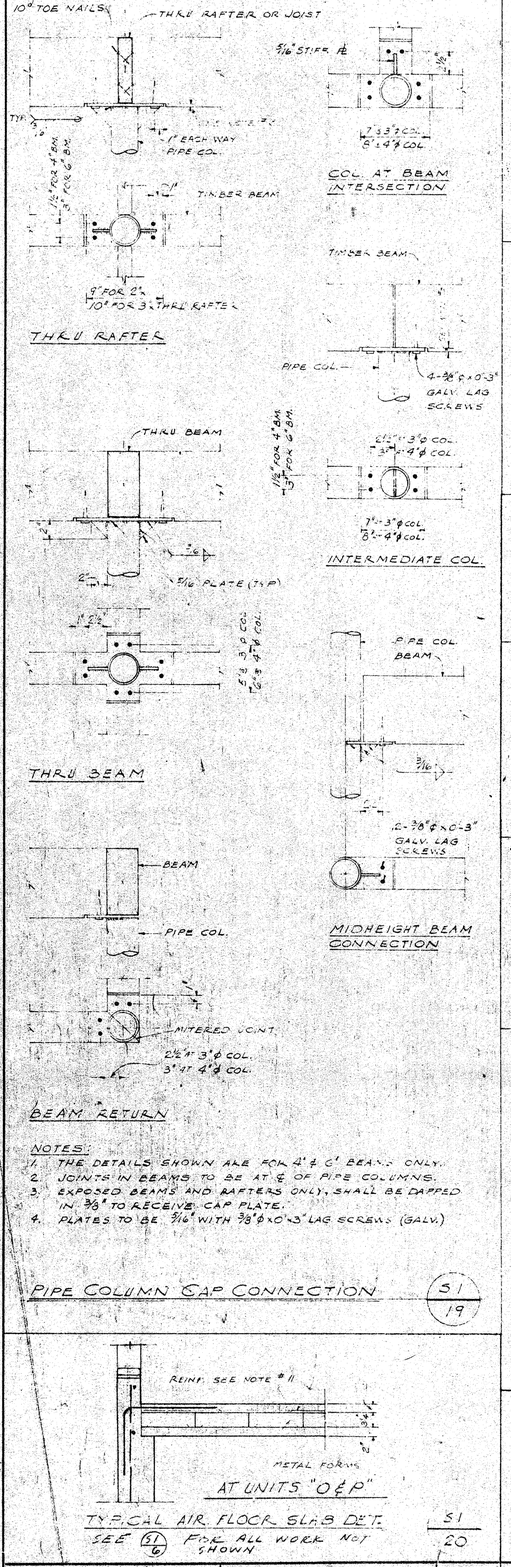
HEAD, JAMB SIM. 445 (445A) OPP. HAND — 2/24 2/24 2/24



NOTE: FOR REMAINDER OF DOOR DETAILS SEE SHEET A-85

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17853 APPROVED JAN 5 - 1959 APPLICATION NO. Per E. Maag PRINCIPAL STRUCTURAL ENGINEER	DOOR DETAILS LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	DATE 1-59 DR. BY D.E.W. CHECKED BY C.C.S. JOB NO. 56-71
ARCHITECT	ELECTRICAL ENGINEER				SHEET NO. A104 OF 248 SHEETS
ARCHITECT	CIVIL ENGINEER				



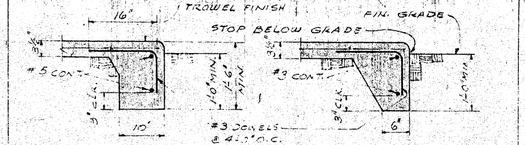
NOTES:

1. THE DETAILS SHOWN ARE FOR 4" & 6" BEAMS ONLY.
2. JOINTS IN BEAMS TO BE AT ℄ OF PIPE COLUMNS.
3. EXPOSED BEAMS AND RAFTERS ONLY, SHALL BE DAPPED IN 3/8" TO RECEIVE CAP PLATE.
4. PLATES TO BE 5/16" WITH 3/8" ϕ x 0'-3" LAG SCREWS (GALV.)

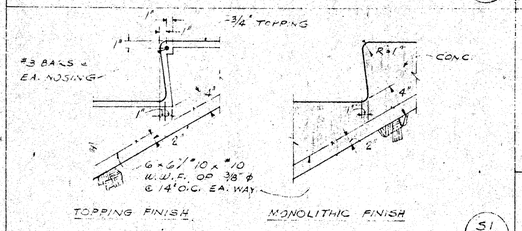
PIPE COLUMN CAP CONNECTION — S1/19

TYPICAL AIR FLOOR SLAB DET. — S1/20

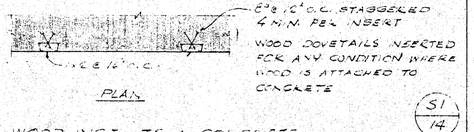
SEE S1/6 FOR ALL WORK NOT SHOWN



TYPICAL GRADE BEAM AT COVERED PASSAGE — S1/12

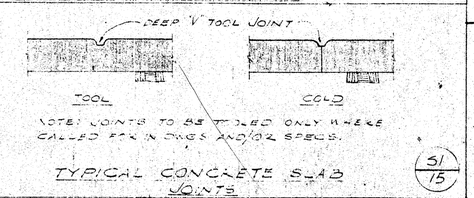


TYPICAL STAIR STEP DETAILS — S1/13



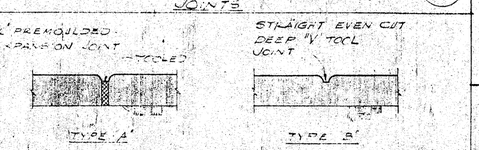
WOOD DOVETAILS INSERTED FOR ANY CONDITION WHERE WOOD IS ATTACHED TO CONCRETE

WOOD INSERTS IN CONCRETE — S1/14

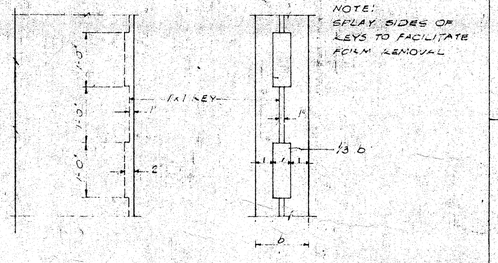


NOTE: JOINTS TO BE TOOLED ONLY WHERE CALLED FOR IN DWGS AND/OR SPECS.

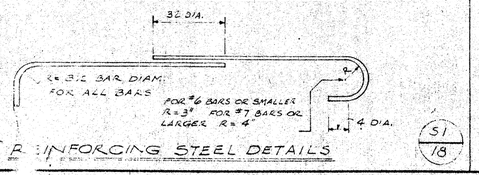
TYPICAL CONCRETE SLAB JOINTS — S1/15



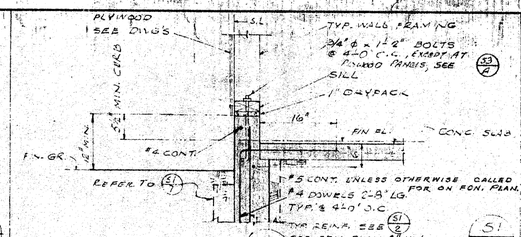
TYPICAL SIDEWALK JOINTS — S1/16



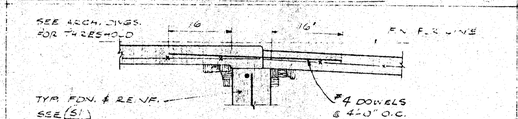
TYPICAL VERTICAL CONSTRUCTION JOINT FOR CONCRETE WALLS — S1/17



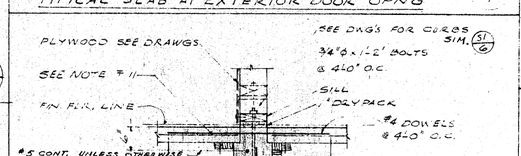
REINFORCING STEEL DETAILS — S1/18



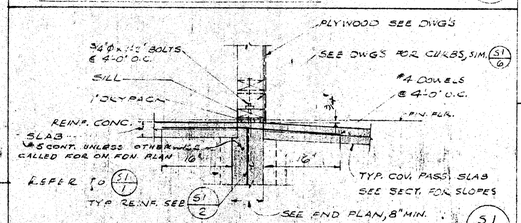
TYPICAL DETAIL AT EXTERIOR WALL — S1/6



TYPICAL SLAB AT EXTERIOR DOOR OPNG — S1/7



TYPICAL DETAIL AT INTERIOR SHEATHED OR BEARING PART — S1/8



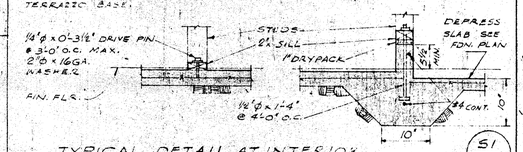
TYPICAL DETAIL AT COVERED PASSAGE — S1/9

NOTES:

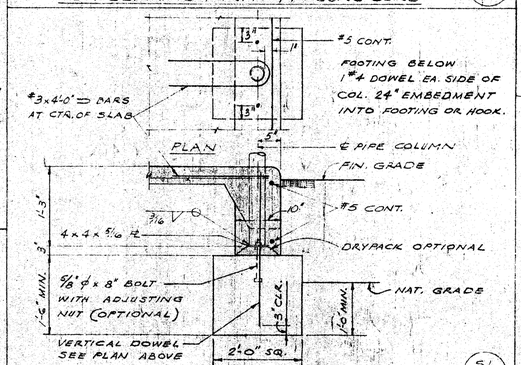
SILLS SHALL BE PREDRILLED IF NECESSARY TO PREVENT SPLITTING.

SPLIT SILLS SHALL BE REPLACED.

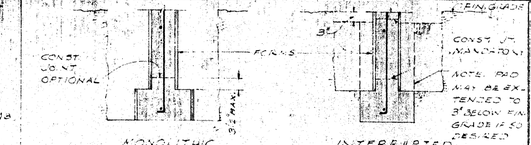
PROVIDE 3 1/2" HIGH CONC. CURBS AT ALL STUD PARTITIONS IN & AROUND ALL TOILET, HEATER & ANY ROOMS REQUIRING A CEMENT, CERAMIC TILE OR TERRAZZO BASE.



TYPICAL DETAIL AT INTERIOR NON-BEARING PART'N & AT CONC CURB — S1/10

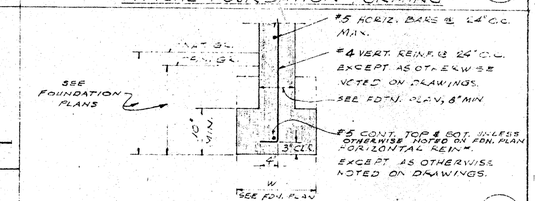


TYPICAL PIPE COLUMN FOOTING AT COVERED PASSAGE — S1/11

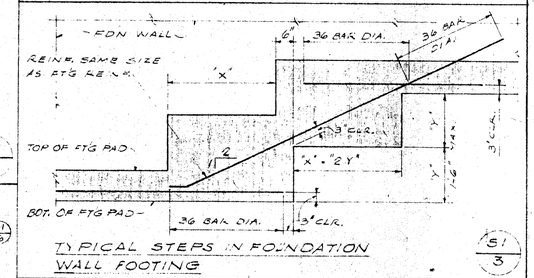


FOOTING & FOUNDATION WALL MAY BE POURED MONOLITHIC, PROVIDED THE SIDES OF THE FOOTING ARE FORMED & THE EXCAVATION IS LARGE ENOUGH TO PROPERLY CLEAN EXCAVATION & TIE STEEL. IF THE SIDES OF THE FOOTING ARE NOT FORMED, A POUR JOINT IS MANDATORY.

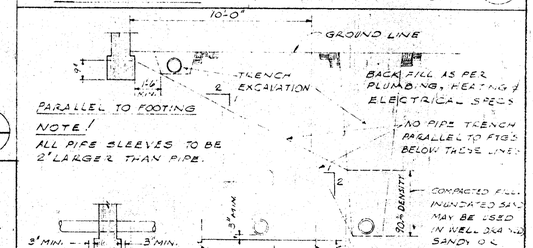
TYPICAL FOUNDATION FORMING — S1/1



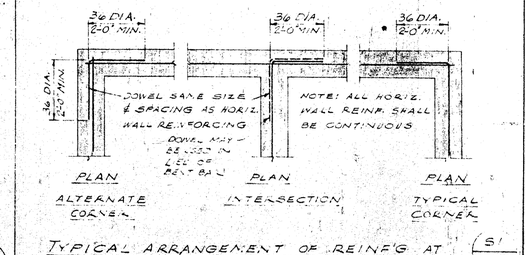
TYPICAL FOUNDATION WALL & FOOTING REINFORCING — S1/2



TYPICAL STEPS IN FOUNDATION WALL FOOTING — S1/3



TYPICAL PIPE INSTALLATIONS AT CONCRETE FOOTINGS — S1/4



TYPICAL ARRANGEMENT OF REINF'G AT WALL INTERSECTIONS & CORNERS. — S1/5

GENERAL NOTES:

1- THE CONTRACTOR MUST VERIFY ALL DIMENSIONS BEFORE STARTING WORK, AND THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES FOUND.

2- WHERE SPECIFIC NOTES AND DETAILS ON DRAWINGS CONFLICT WITH ITEMS SHOWN IN THESE TYPICAL SHEETS, DRAWINGS SHALL TAKE PRECEDENCE.

3- MAXIMUM DESIGN SOIL PRESSURE: SEE FOUNDATION PLANS

4- CHARACTER OF FOUNDATION SOIL REFER TO SOIL REPORT BY L. CRANDALL DATED JULY 11, 1958

5-

6- ALL CONCRETE SHALL HAVE AN ULTIMATE COMPRESSIVE STRENGTH OF AT LEAST 2,000 LBS. PER SQ. INCH IN 28 DAYS EXCEPT AT UNITS K, L, M & Q WHERE 2500 # CONCRETE IS USED

7- NO PIPES OR DUCTS SHALL BE PLACED IN CONCRETE WALLS, SLABS, OR FOOTINGS UNLESS SPECIFICALLY DETAILED.

8- REFER TO ARCH. DETAILS FOR ALL MOULDINGS, NAILERS, GROOVES, CURBS, GROUNDS, ETC., TO BE CAST IN CONCRETE.

9- ALL REINFORCING STEEL, ANCHOR BOLTS, DOWELS AND INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE.

10- PROVIDE #3 REINFORCING SPACER BARS AS REQUIRED TO HOLD PRINCIPAL REINFORCING IN PLACE DURING CONCRETE PLACING.

11- ALL SLABS ON GRADE SHALL BE 3 1/2" THICK WITH 6" x 6" - 10 x 10 WELDED WIRE FABRIC OR #3 BARS @ 1'-6" O.C. EACH WAY IN CENTER OF SLAB UNLESS OTHERWISE NOTED.

ABBREVIATIONS:

F.G.	FINISH GRADE
F.L.	FOUNDATION LINE
N.G.	NATURAL GRADE
PL.	PLATE (METAL)
PL.	PLATE (PLYWOOD)
S.B.	STEEL BENT
S.D.S.	SOLID DIAGONAL SHEATHING
S.H.S.	SOLID HORIZONTAL SHEATHING
SIM.	SIMILAR
S.L.	STUD LINE
S.S.	SELECT STRUCTURAL
SYM.	SYMMETRICAL
W.W.F.	WELDED WIRE FABRIC
N.T.S.	NOT TO SCALE

LEGEND

- F.N. FLOOR ELEV.
- CONCRETE WALL
- MASONRY WALL
- WOOD MEMBER CONTINUOUS
- WOOD MEMBER BLOCKING
- STEEL BENT
- BOTTOM OF FTG ELEV.
- S — S — STEP IN FTG.
- PLYWOOD SHEAR PANEL
- STUD ANCHOR

APPROVAL OF THE STATE DIVISION OF ARCHITECTURE IS FOR FINAL STRUCTURES ONLY; BUILDINGS HAVE NOT BEEN CHECKED FOR ERECTION STRESSES.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

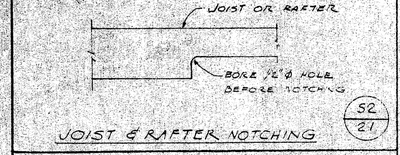
ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

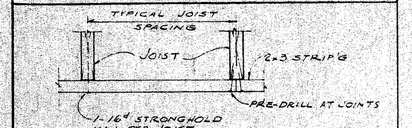
TYPICAL CONCRETE DETAILS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

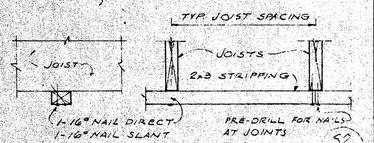
DATE 1-59 | SHEET NO. S1
DR. BY JM
CHECKED BY JTP
JOB NO. 58-71
OF SHEETS



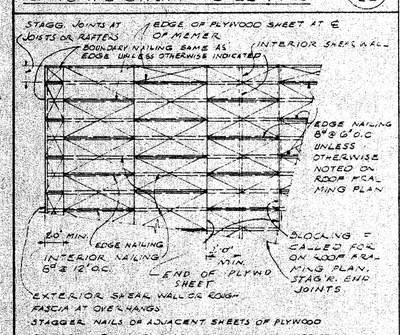
JOIST & RAFTER NOTCHING — S2/21



NOTE:
FOR STRIPPING AT PLASTERED CEILINGS ALSO WIRE, AS PER SPECIFICATIONS.



OPTIONAL STRIPPING DETAILS — S2/22



EXTERIOR SHEAR WALL OR ROOF FASCIA AT OVERHANGS

STAGGER NAILS OF ADJACENT SHEETS OF PLYWOOD

RUN LONG DIMENSIONS OF PLYWOOD SHEETS PARALLEL TO JOISTS, PURLINS OR RAFTERS.

STAGGER JOINTS AS SHOWN

FROM EDGE OF PLYWOOD TO ℄ NAILS MAINTAIN A DISTANCE OF 3/8".

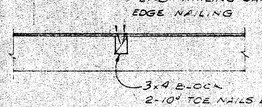
ALL RAFTERS OR PURLINS ARE TO BE LAID-OUT AT A 4'0" MODULE TO COINCIDE WITH PLYWOOD PATTERN.

WHERE RAFTER LAP SPLICE OCCURS AT THE END OF PLYWOOD SHEETS, PROVIDE 2x4 NAILER OR OFF-SET PLYWOOD SHEETS AT ℄ OF BLOCKING NORMAL TO RAFTERS.

WHERE BLOCKING IS CALLED ON ROOF PLANS, PROVIDE 3x4 BLOCKING AT EDGES OF ALL PLYWOOD SHEETS. (SEE BELOW)

FOR NAILING, BLOCKING, OR ANY SPECIAL DETAILS, SEE ROOF FRAMING PLANS.

SEE ROOF PLANS FOR SPECIAL ORIENTATION OF PLYWOOD SHEETS.



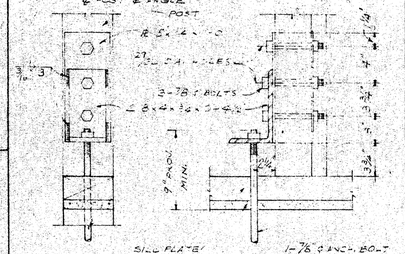
PLYWOOD AT BLOCK V.G

TYPICAL PLYWOOD ROOF SHEATHING — S2/23

BOLT SIZE	STEEL PLATE WASHERS SQUARE	STEEL PLATE WASHERS ROUND	MALL IRON ROUND
1/2"	2 1/2" x 2 1/2" x 1/4"	2 1/2" x 1/4"	2 1/2" x 1/4"
5/8"	2 1/2" x 2 1/2" x 1/4"	2 3/4" x 1/4"	2 3/4" x 5/16"
3/4"	2 3/4" x 2 3/4" x 5/16"	3" x 5/16"	3" x 5/16"
7/8"	3 1/4" x 3 1/4" x 5/16"	3 1/4" x 5/16"	3 1/2" x 1/16"
1"	3 3/4" x 3 3/4" x 3/8"	4" x 7/16"	4" x 1/2"

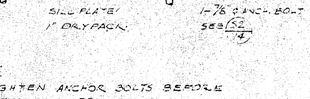
NOTE: PROVIDE WASHERS AT ALL WOOD SURFACES UNDER BOLT HEADS, NUTS & LAG SCREW HEADS.

WASHER SCHEDULE — S2/24

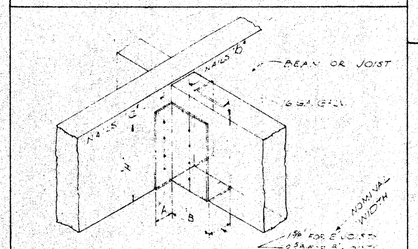


NOTES:
1- RETIGHTEN ANCHOR BOLTS BEFORE SHEATHING IS APPLIED.
2- WHEN USING THESE STUD ANCHORS BOLTED TO 3 5/8" FACE OF POST, THE 5" WIDTH OF L MUST BE DECREASED TO 3 1/2" AND THE 8'-4 1/2" WIDTH OF THE ANGLE IN ALL BE 6'-3".

STUD ANCHOR — S2/16

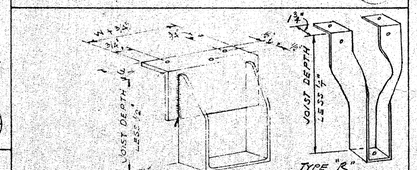


JOIST AND RAFTER SPLICE — S2/17

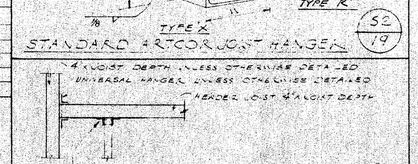


JOIST SIZE	DIMENS. A	B	H	NAILS "a"	"b"	JOIST SIZE	DIMENS. A	B	H	NAILS "a"	"b"
2x4	1	2	3	2-8d	2-8d	3x10	1	2 1/4	7	4-16d	3-8d
2x6	1	2	4 1/2	3-8d	2-8d	3x12	1	2 1/4	9	5-16d	4-8d
2x8	1	2	5 1/2	3-16d	3-8d	3x14	1	2 1/2	10	5-16d	4-8d
2x10	1	2	7	4-16d	3-8d	3 x c.	1	2 1/2	11	6-16d	4-8d
2x12	1	2	9	5-16d	4-8d						
2x14	1	2	10	6-16d	4-8d	4x4	1	2 1/4	3	2-16d	2-8d
2x16	1	2 1/4	11	6-16d	4-8d	4x6	1	2 1/4	5	3-16d	2-8d
						4x8	1	2 1/4	7	4-16d	3-8d
3x4	1	2	3	2-8d	2-8d	4x10	1	2 1/2	9	5-16d	3-8d
3x6	1	2	4 1/2	3-8d	2-8d	4x12	1	2 1/2	11	6-16d	4-8d
3x8	1	2	5 1/2	3-16d	3-8d						

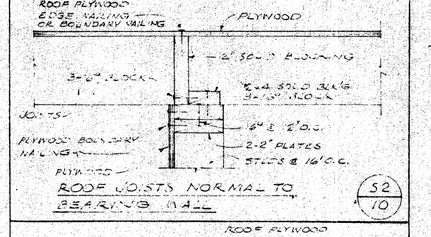
UNIVERSAL JOIST HANGER — S2/18



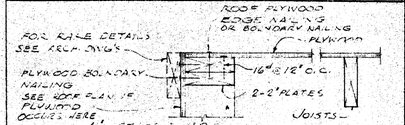
STANDARD ARTCOR JOIST HANGER — S2/19



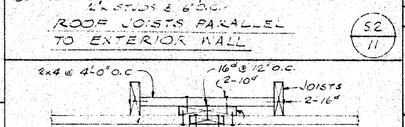
TYPICAL JOIST OR RAFTER FRAMING AT OPENING — S2/20



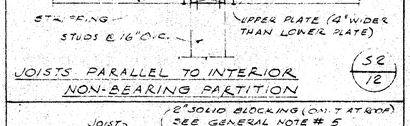
ROOF JOISTS NORMAL TO BEARING WALL — S2/10



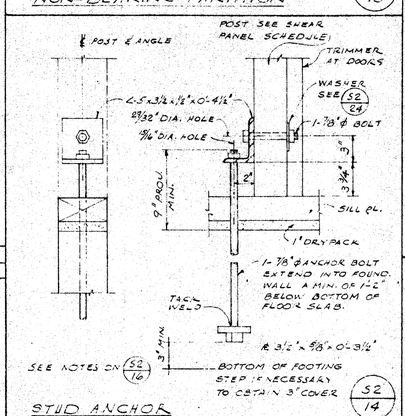
ROOF JOISTS PARALLEL TO EXTERIOR WALL — S2/11



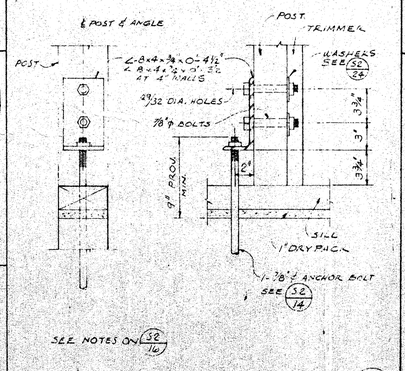
JOISTS PARALLEL TO INTERIOR NON-BEARING PARTITION — S2/12



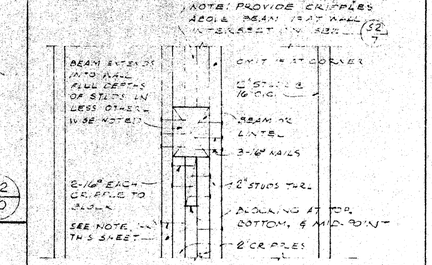
JOISTS NORMAL TO INTERIOR NON-BEARING PARTITION — S2/13



STUD ANCHOR — S2/14



STUD ANCHOR — S2/15

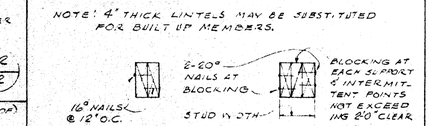


TYPICAL DETAIL OF BEAM NORMAL TO WALL — S2/5

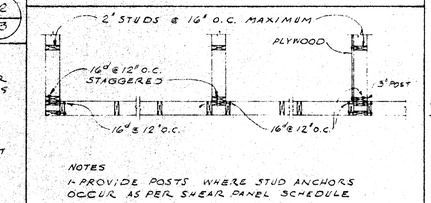
LINTEL SCHEDULE

OPENING	LINTEL	END NAILS EA. MEMBER
UP TO 4'-0"	2 - 2"x 4"	2 - 16d
4'-0" TO 6'-0"	2 - 2"x 6"	3 - 16d
6'-0" TO 8'-0"	2 - 2"x 8"	4 - 16d
OVER 8'-0"	SEE ROOF FRAMING PLAN	4 - 16d & TECO CLIPS

NOTE: 4" THICK LINTELS MAY BE SUBSTITUTED FOR BUILT UP MEMBERS.

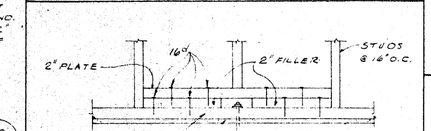


TYPICAL LINTEL DETAILS & SCHEDULE — S2/6

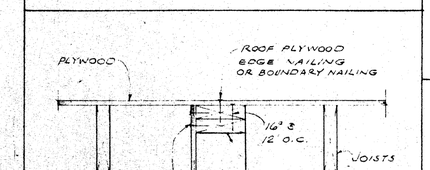


NOTES
1- PROVIDE POSTS WHERE STUD ANCHORS OCCUR AS PER SHEAR PANEL SCHEDULE

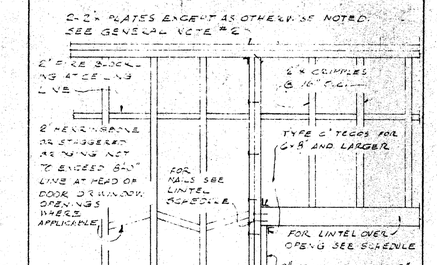
STUD WALL CONNECTIONS AT CORNER AND INTERSECTIONS — S2/7



FRAMING AT SILL BOLT — S2/8

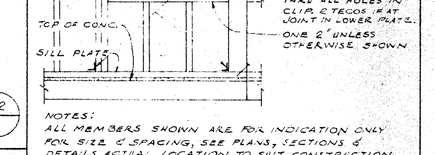


ROOF JOISTS PARALLEL TO INTERIOR BEARING PARTITION — S2/9



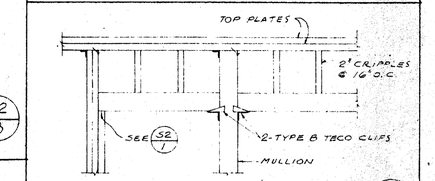
NOTE: STUD SHOWN ARE FOR INDICATION ONLY ACTUAL STUD LOCATION TO SUIT CONSTRUCTION REQUIREMENTS.

TYPICAL WALL FRAMING — S2/1

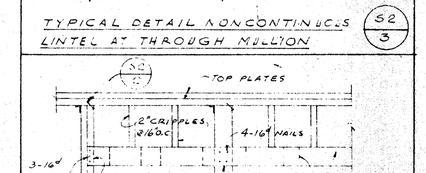


NOTES:
ALL MEMBERS SHOWN ARE FOR INDICATION ONLY FOR SIZE & SPACING, SEE PLANS, SECTIONS & DETAILS FOR ACTUAL LOCATION TO SUIT CONSTRUCTION REQUIREMENTS.

CONNECTIONS FOR DOUBLE JAMB STUDS AND MULLIONS — S2/2



TYPICAL DETAIL NONCONTINUOUS LINTEL AT THROUGH MULLION — S2/3



TYPICAL DETAIL CONTINUOUS LINTEL AT THRU MULLION — S2/4

GENERAL NOTES:

1. PROVIDE 3/4" ø x 12" SILL BOLTS AT 4'-0" O.C. AND FROM THE END AT EACH SECTION OF ALL SILLS. EMBED BOLTS A MIN. OF 8" INTO CONCRETE, EXCEPT WHERE OTHERWISE NOTED. WHERE POSSIBLE, SPACE BOLTS TO CLEAR STUDS.
2. TOP PLATE OF ALL STUD WALLS AND PARTITIONS SHALL BE TWO MEMBERS, THE SAME SIZE AS STUDS. PLATES TO LAP 4'-0" (EXCEPT WHERE OTHERWISE SHOWN).
3. BOLT HOLES IN WOOD SHALL BE 1/32 TO 1/16 GREATER THAN THE NOMINAL BOLT DIAMETER.
4. PLACE CONTINUOUS 2x3 CROSSBRIDGING BETWEEN JOISTS OR RAFTERS OF MORE THAN 6" DEPTH. MAXIMUM SPACING OF CROSS-BRIDGING SHALL BE 8'-0" O.C.
5. PLACE 2" SOLID BLOCKING BETWEEN JOISTS OR RAFTERS AT ALL SUPPORTS. BLOCKING SHALL BE IN ONE PIECE AND FULL DEPTH OF JOIST OR RAFTER.
6. PROVIDE 2" DIAGONAL CUT-IN BRACING (AT APPROXIMATELY 45°) EVERY 25'0" IN ALL STUD PARTITIONS AND WALLS NOT DIAGONALLY OR PLYWOOD SHEATHED. DIAGONAL BRACING SHALL RUN FROM TOP PLATE TO SILL AND BE THE SAME WIDTH AS STUDS.
7. TYPICAL DETAILS SHALL APPLY TO GENERAL CONSTRUCTION UNLESS SPECIFICALLY DETAILED OTHERWISE. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR OTHER SIMILAR WORK.
8. ALL BOLTS SHALL BE RETIGHTENED PRIOR TO THE APPLICATION OF SHEATHING, PLASTER, ETC.
9. ALL ATTIC SPACES, OR ANY SPACES BETWEEN CEILINGS AND THE UNDERSIDE OF ROOFS, SHALL BE DIVIDED INTO HORIZONTAL AREAS OF NOT MORE THAN 2500 SQUARE FEET WITH TIGHT PARTITIONS OF 1/2" GYPBOARD OR 1/2" EXT. TYPE PLYWOOD WITH ALL JOINTS TIGHTLY BUTTED AND BACKED BY EITHER STUDS OR BLOCKING. CEILING STRIPPING SPACE, AT ATTIC FIRE STOP PARTITIONS, SHALL BE FILLED SOLID WITH 2" FIRE STOPPING. SEE SPECS.
10. SILL PLATES SHALL BE 2" MEMBERS UNLESS OTHERWISE NOTED.
11. ALL NAILS SHALL BE COMMON WIRE NAILS. USE THE FOLLOWING SCHEDULE EXCEPT WHERE OTHERWISE DETAILED.

	FASTENING
a. JOISTS OR RAFTERS TO SIDES OF STUDS: 8" JOIST OR LESS	3-16d
FOR EACH ADDITIONAL 4" IN DEPTH	1-16d
b. JOISTS OR RAFTERS TO ALL BEARINGS: TOE NAILS EA. SIDE (SEE NOTE 9)	2-10d
c. STUDS TO BEARING: TOE NAILS EA. SIDE (SEE NOTE 9)	2-10d
d. BLOCKING BETWEEN JOISTS OR RAFTERS (SEE NOTE 9) TO JOIST OR RAFTERS-TOE NAILS EA. SIDE	2-10d
EA. END	2-16d
TO JOIST OR RAFTER BEARINGS-TOE NAILS EA. SIDE	3-10d
e. SHEATHING AT ALL INTERIOR BEARINGS: 1/2	3-6d
1/2	3-8d
f. DIAGONAL SHEATHING AT ENDS: 1/2	3-10d
1/2	4-8d
g. CROSS-BRIDGING BETWEEN JOISTS OR RAFTERS (SEE NOTE 9) - TOE NAIL EA. END	2-8d
h. BLOCKING (4ERRING3ONE)- TOE NAIL EA. END	2-10d
i. RIBBONS TO STUDS: 1" RIBBONS	3-8d
2" RIBBONS	2-16d
j. DOUBLE TOP PLATES: LOWER PLATE TO TOP OF STUD	2-16d
UPPER PLATE TO LOWER PLATE STAGGERED	16"ø 12"O.C.
UPPER PLATE TO LOWER PLATE AT INTERSECTION	3-16d
k. MULTIPLE STUDS-STAGGER FOR WIDTHS MORE THAN 4"	16"ø 12"O.C.
l. BUILT-UP BEAMS 10" OR LESS IN DEPTH - STAGGERED	16"ø 12"O.C.
MORE THAN 10" DEEP - STAGGERED 1/2" ø BOLTS @ 4'0" O.C.	
m. DOUBLE JOIST (UNDER PARTITIONS) WHERE NOT BLOCKED APART - STAGGERED	16"ø 12"O.C.
WHERE BLOCKED APART AT EA BLOCK, EA. SIDE	2-16d
n. NAIL WINDOW & DOOR FRAMES TO STRUCTURAL JAMBS:	CASING NAILS
JAMB NAILS NEAR TOPS & BOTTOMS	2-8d
JAMB NAILS AT MIDPOINTS	2-8d
SILLS AT 1/3 POINTS	2-10d
WINDOW HEADS AT CENTER	2-10d

o. STEEL WINDOWS AND DOOR FRAMING SHALL BE CONNECTED TO WOOD MEMBERS BY MANUFACTURERS STANDARDS. SEE SPECIFICATIONS.
p. UNLESS OTHERWISE SHOWN, ALL 1" MATERIAL AT EA. BEARING OR JOINT SHALL HAVE 2-8d ALL 2" MATERIAL AT EA. BEARING OR JOINT 2-16d
q. WHERE POSSIBLE, NAILS DRIVEN PERPENDICULAR TO THE GRAIN SHALL BE USED INSTEAD OF TOE NAILS.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

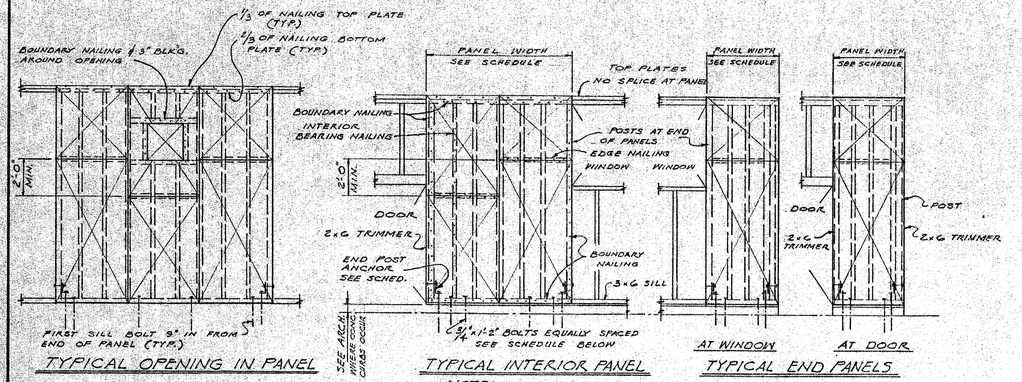
ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

TYPICAL WOOD DETAILS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

DATE 1-54
DR. BY J MANGINI
CHECKED BY STM
JOB NO 547
SHEET NO

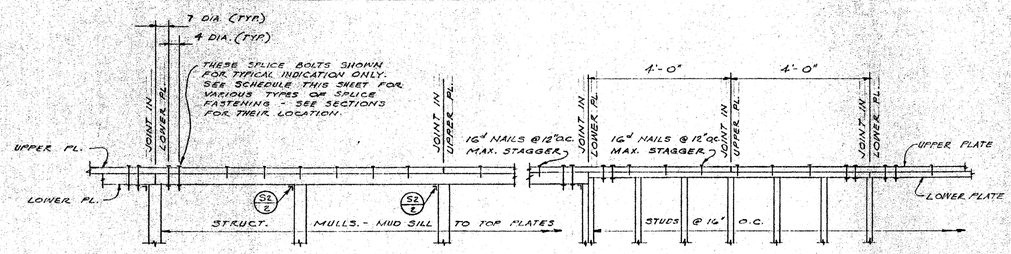


TYPICAL OPENING IN PANEL | TYPICAL INTERIOR PANEL | TYPICAL END PANELS

NOTE: 1- USE 4'-0" x 8'-0" PLYWOOD SHEETS WHERE POSSIBLE.
2- USE 2-2x6 STUDS EA. SIDE OF FRAMING FOR FUTURE DOORS WITH BOUNDARY NAILING ON EA. STUD.

TYPICAL PLYWOOD PANEL DETAILS (S3/A)

UNITS	PANEL △	MIN. PANEL WIDTH	END POST	PLY. THK.	STUDS @ BLKG. AT JOINTS	SILL PLATE	NAILING BOUNDRY	NAILING EDGE	NAILING INTERIOR	NUMBER OF 3/4"ø x 1'-2" SILL BOLTS	END POST ANCHOR	MOUNTING	NOTES	PANEL △
AB EF	1	23-6	2x6	3/8"	2x6	2x6	8d @ 2	8d@3	8d @ 6	4'-0"	NONE	SURFACE		1
AB EF	2	26-6	2x6		2x6	2x6	8d @ 2	8d@3	8d@6	4'-0"	NONE	SURFACE		2
AB EF	3	37-6	2x6		2x6	2x6	8d @ 2	8d@3	8d@6	4'-0"	NONE	SURFACE		3
AB	4	25-0	3x6		2x6	2x6	8d @ 4	8d@4	8d@8	4'-0"	S2/15	SURFACE		4
AB	5	20-0	3x6		2x6	2x6	8d @ 4	8d@4	8d@8	4'-0"	S2/15	SURFACE		5
AB-CD-EF-GH	6	58-0	2x6		2x6	2x6	8d @ 4	8d@4	8d@8	4'-0"	NONE	SURFACE		6
AB	1A	16-6	2x6		2x6	2x6	8d @ 2	8d@3	8d@6	4'-0"	NONE	SURFACE		1A
CD	7	36-0	2x6		2x6	2x6	8d @ 4	8d@4	8d@8	4'-0"	NONE	SURFACE		7
CD	8	11-0	3x6		2x6	2x6	8d @ 4	8d@4	8d@8	4	S2/15	SURFACE		8
CD	9	23-6	2x6		2x6	2x6	8d @ 2	8d@3	8d@8	4'-0"	NONE	SURFACE		9
CD	10	26-6	2x6		2x6	2x6	8d @ 2	8d@3	8d@6	4'-0"	NONE	SURFACE		10
CD	11	34'-0"	2x6		2x6	2x6	8d @ 2	8d@3	8d@6	4'-0"	NONE	SURFACE		11
EF	12	8'-0"	3x6		2x6	2x6	8d @ 3	8d@3	8d@6	3	S2/15	SURFACE		12
EF	13	34'-0"	2x6		2x6	2x6	8d @ 3	8d@3	8d@6	4'-0"	NONE	SURFACE		13
EF-AB	14	12-0"	4x4		3x4	2x4	8d @ 4	8d@4	8d@8	4	S2/15	SURFACE		14
EF-AB	15	36-0"	2x6		2x6	2x6	8d @ 4	8d@4	8d@8	4'-0"	NONE	SURFACE		15
GH	16	15-6	3x6		2x6	2x6	8d @ 3	8d@3	8d@6	5	S2/15	SURFACE		16
GH	17	23-6	2x6		2x6	2x6	8d @ 3	8d@3	8d@6	4'-0"	NONE	SURFACE		17
GH	18	26-6	2x6		2x6	2x6	8d @ 3	8d@3	8d@6	4'-0"	NONE	SURFACE		18
GH	19	20-0	3x4		2x4	2x4	8d @ 3	8d@3	8d@6	4'-0"	S2/15	SURFACE		19
GH	20	6'-0	3x6		2x6	2x6	8d @ 3	8d@3	8d@6	3	S2/15	LET-IN 3/8	INSIDE OF BLDG.	20
GH	21	12-6	3x6		2x6	2x6	8d @ 3	8d@3	8d@6	5	S2/15	LET-IN 3/8	INSIDE OF BLDG.	21
GH-CD	22	4-0	6x6		3x6	3x6	8d @ 2	8d@3	8d@6	2	S2/15	LET-IN 3/8	INSIDE OF BLDG.	22
GH-CD	23	7-0	6x6		3x6	3x6	8d @ 2	8d@3	8d@6	3	S2/15	LET-IN 3/8	INSIDE OF BLDG.	23
GH	24	26-6	3x4		2x4	2x6	8d @ 4	8d@4	8d@8	4'-0"	S2/15	SURFACE		24
GH	25	20-6	3x4		2x4	2x6	8d @ 4	8d@4	8d@8	4'-0"	S2/15	SURFACE		25
CD	26	26-0	3x6		2x6	2x6	8d @ 4	8d@4	8d@8	4'-0"	S2/15	SURFACE		26
CD	27	21-0	3x6	3/8"	2x6	2x6	8d @ 4	8d@4	8d@8	4'-0"	S2/15	SURFACE		27
R	28	65-0	2x6	3/8	2x6	2x6	8d @ 2	8d@3	8d@6	4'-0"	NONE	SURFACE		28
R	29	39-0	2x6	3/8	2x6	2x6	8d @ 2	8d@3	8d@6	4'-0"	NONE	SURFACE		29
R	30	80-0	2x6	3/8	2x6	2x6	8d @ 4	8d@4	8d@8	4'-0"	NONE	SURFACE		30
R	31	33-6	4x8	1/2	3x8	3x8	10d @ 2	10d@3	10d@6	2'-6"	S2/16 SPIG	SEE (S2A/K)		31
	32	NONE												32
O	33	8'-0"	3x6	3/8	2x6	2x6	8d @ 4	8d@4	8d@8	3	S2/15	LET-IN 3/8	SEE S2S/L	33
O	34	23'-6"	3x6	3/8	2x6	2x6	8d @ 4	8d@4	8d@8	4'-0"	S2/14	LET-IN 3/8	SEE S2S/L	34
O	35	8'-0"	4x6	3/8	3x6	3x6	8d @ 2	8d@3	8d@6	4	S2/16	LET-IN 3/8	BOTH SIDES 2x6 STUDS	35
O	36	30'-0"	2x6	3/8	2x6	2x6	8d @ 4	8d@4	8d@8	4'-0"	NONE	LET-IN 3/8		36
O	37	7'-0"	3x6	3/8	2x6	2x6	8d @ 4	8d@4	8d@8	3	S2/15	LET-IN 3/8		37
O	38	18'-0"	4x8	3/8	2x8	2x8	8d @ 4	8d@4	8d@8	8	S2/16 SPIG	SEE (S3A/J)	BOTH SIDES 2x8 STUDS	38
O	39	12'-0"	2x6	3/8	2x6	2x6	8d @ 6	8d@6	8d@12	4'-0"	NONE	SURFACE		39



NOTES

1. JOINTS IN LOWER PLATE SHALL BE AT CENTER OF A MULLION OR STUD.
2. ALLOW 4'-0" MIN. BETWEEN JOINTS IN UPPER AND LOWER PLATES.
3. SEE SCHEDULE, THIS SHEET, FOR SIZE AND NUMBER OF SPLICE BOLTS (OR NAILS).
4. ALL BOLTS SHALL HAVE WASHERS AS CALLED FOR IN SCHEDULE SEE (S2/24).
5. CARRIAGE BOLTS TO HAVE M.I. WASHERS (S2/24) AT NUT SIDE ONLY.

TYPE	CONN. EACH SIDE OF JOINT	NOTES
A	7- 16d NAILS	
B	3 - 5/8" ø BOLTS	
C	2- 3/4" ø BOLTS	
D	3- 3/4" ø BOLTS	
E	4- 3/4" ø BOLTS	
F	4- 3/4" ø CARR. BOLTS	
G	3 - 3/4 ø CARR. BOLTS	

TYPICAL SPLICE DETAILS OF TOP PLATES (S3/B)

NO SCALE

UNITS	PANEL △	MIN. PANEL WIDTH	END POST	PLY. THK.	STUDS @ BLK. AT JOINTS	SILL PLATE	NAILING BOUNDRY	NAILING EDGE	NAILING INTERIOR	NO. OF 3/4" ø x 1'-2" SILL BOLTS	END POST ANCHOR	MOUNTING	NOTES	PANEL △
"P"	40	3'-6"	4x6	3/8	2x6	2x6	8d @ 2	8d @ 3	8d @ 6	2	S2/16	LET-IN 3/8	INSIDE OF BLDG.	40
	41	10'-6"	4x6	3/8	2x6	2x6	8d @ 2	8d @ 3	8d @ 6	5	S2/16	SURFACE		41
	42	17'-0"	3x8	3/8	2x8	2x8	8d @ 2	8d @ 3	8d @ 6	6	S2/15	SURFACE		42
	43	11'-0"	3x6	3/8	2x6	2x6	8d @ 3	8d @ 3	8d @ 6	4	S2/15	SURFACE		43
	44	15'-0"	3x6	3/8	2x6	2x6	8d @ 3	8d @ 3	8d @ 6	5	S2/15	SURFACE		44
	45	16'-0"	3x6	3/8	2x6	2x6	8d @ 4	8d @ 4	8d @ 8	5	S2/15	LET-IN 3/8		45
	46	14'-8"	3x6	3/8	2x6	2x6	8d @ 4	8d @ 4	8d @ 8	5	S2/15	LET-IN 3/8		46
	47	8'-0"	3x6	3/8	2x6	2x6	8d @ 4	8d @ 4	8d @ 8	3	S2/15	LET-IN 3/8	SEE S2S/L	47
	48	24'-0"	2x6	3/8	2x6	2x6	8d @ 6	8d @ 6	8d @ 12	4'-0"	NONE	SURFACE		48
	49	10'-0"	2x6	3/8	2x6	2x6	8d @ 6	8d @ 6	8d @ 12	4'-0"	NONE	SURFACE		49
	50	4'-0"	3x4	3/8	3x4	3x4	8d @ 6	8d @ 6	8d @ 12	2	S2/15	SURFACE		50
	51	4'-0"	3x6	3/8	2x6	2x6	8d @ 2	8d @ 3	8d @ 6	6	S2/16	LET-IN 3/8		51
	52	4'-0"	4x8	3/8	2x8	2x8	8d @ 2	8d @ 3	8d @ 6	3	S2/16	LET-IN 3/8		52
"P"	53	12'-0"	2x6	3/8	2x6	2x6	8d @ 6	8d @ 6	8d @ 12	4'-0"	NONE	SURFACE		53
S	54	12'-0"	2x6	3/8	2x6	2x6	8d @ 6	8d @ 6	8d @ 12	4'-0"	NONE	LET-IN 3/8		54
S	55	25'-0"	2x6	3/8	2x6	2x6	8d @ 6	8d @ 6	8d @ 12	4'-0"	NONE	SURFACE		55
S	56	16'-0"	2x6	3/8	2x6	2x6	8d @ 6	8d @ 6	8d @ 12	4'-0"	NONE	LET-IN 3/8		56
S	57	15'-6"	3x6	3/8	2x6	2x6	8d @ 6	8d @ 6	8d @ 12	4'-0"	S2/14	SURFACE		57
T	58	35-0	3x6	3/8	2x6	2x6	8d @ 4	8d @ 4	8d @ 8	3'-0"	S2/14	SURFACE		58
T	59	37-0	3x6	3/8	2x6	2x6	8d @ 4	8d @ 4	8d @ 8	3'-0"	S2/14	SURFACE		59

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

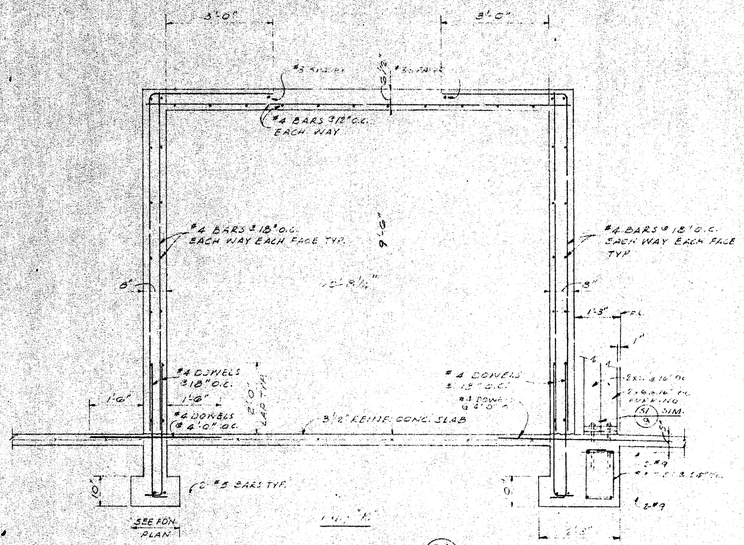
ARCHITECT | STRUCTURAL ENGINEER | MECHANICAL ENGINEER | ELECTRICAL ENGINEER | CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE - ENGINEERING
LOS ANGELES, CALIFORNIA

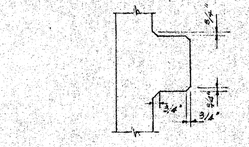
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
17838 APPROVED JAN 5 - 1959
By E. J. Hagopian

TYPICAL WOOD DETAILS
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

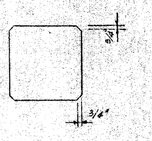
DATE 1-59 | SHEET NO. S3 | DRAWN CG | CHECKED BY | JOB NO. SC-71 | OF SHEETS



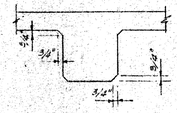
SECTION
SCALE: ½"=1'-0" (54/N)



PLAN SECTION ENGAGED COLUMN



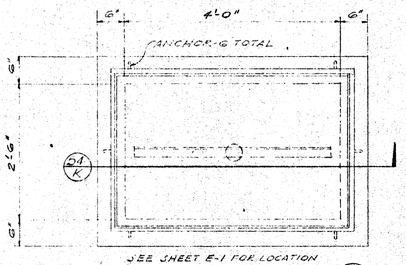
PLAN SECTION FREE STANDING COLUMN



TYPICAL CONC. BEAM.

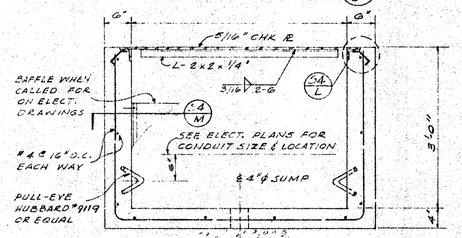
FOR OTHER CONCRETE DETAILS SEE SHEET S-1

TYP. CHAMFERING OF CONCRETE BEAMS & COLUMNS (54/H)

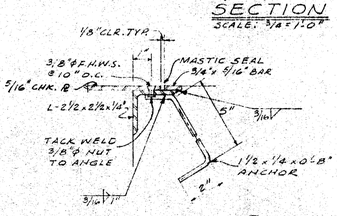


SEE SHEET E-1 FOR LOCATION

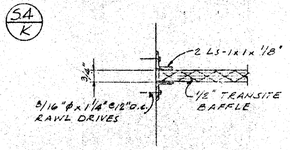
PULL BOX DETAIL (54/J)
SCALE: ¾"=1'-0"



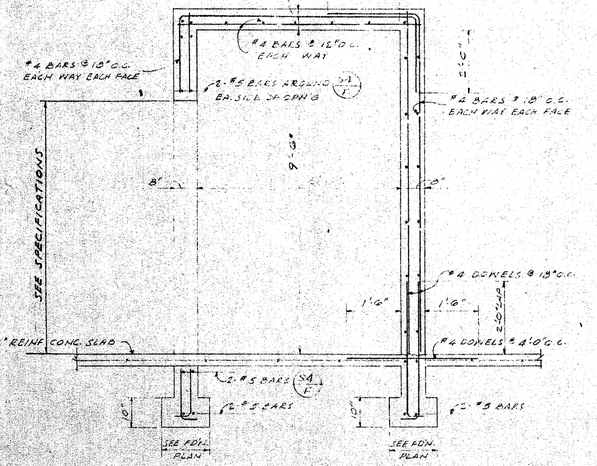
SECTION
SCALE: ¾"=1'-0" (54/K)



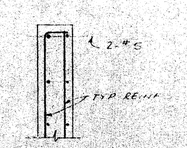
DETAIL
SCALE: 3"=1'-0" (54/L)



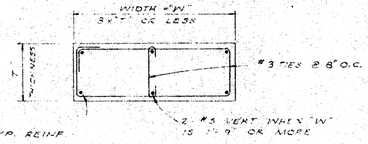
SECTION
SCALE: 3"=1'-0" (54/M)



SECTION
SCALE: ½"=1'-0" (54/P)

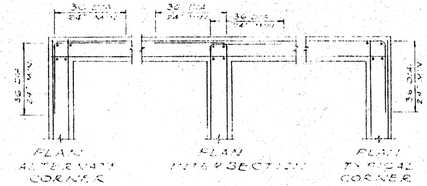


TYPICAL END OF CONCRETE WALL (54/Q)



TYP. REINF.

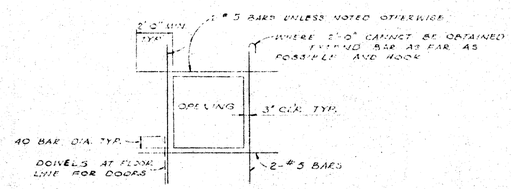
TYPICAL PIER IN CONCRETE WALL WHERE "W" 3'-T" OR LESS (54/D)



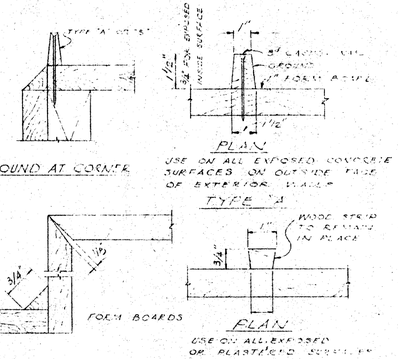
PLAN ALTERNATE CORNER | PLAN INTERMEDIATE | PLAN TYPICAL CORNER

FOR SINGLE CURTAIN OF REINF. SEE (54/S)

TYP ARRANGEMENT OF CONC. WALL & FOUNDATION REINF'G (54/E)

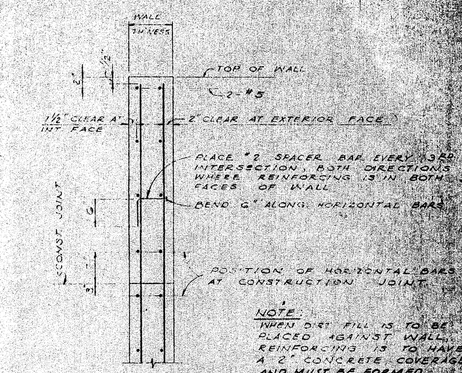


TYPICAL REINF'G AROUND ALL OPENINGS IN CONC. WALLS (54/F)



NOTES:
1. WHEREVER WEAKENED PLANE JOINTS ARE INDICATED (ARCHITECTS ELEVATIONS OR ELSEWHERE) SUCH JOINTS SHALL BE PLACED ON BOTH FACES OF WALL AS INDICATED ABOVE
2. FOR TYPE "A" & "B" JOINTS REMOVE GROUND & FINISH OPENINGS WITH NON STAINING MASTIC
3. A WEAKENED PLANE JOINT CONSISTS OF A GROOVE IN EACH FACE OF WALL IN ALL CASES
4. EXTEND WEAKENED PLANE JOINTS 3" MIN. BELOW FINISHED GRADE

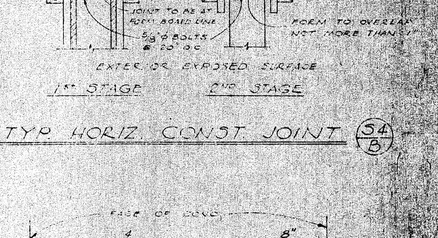
TYP. WEAKENED PLANE J'T (54/S)

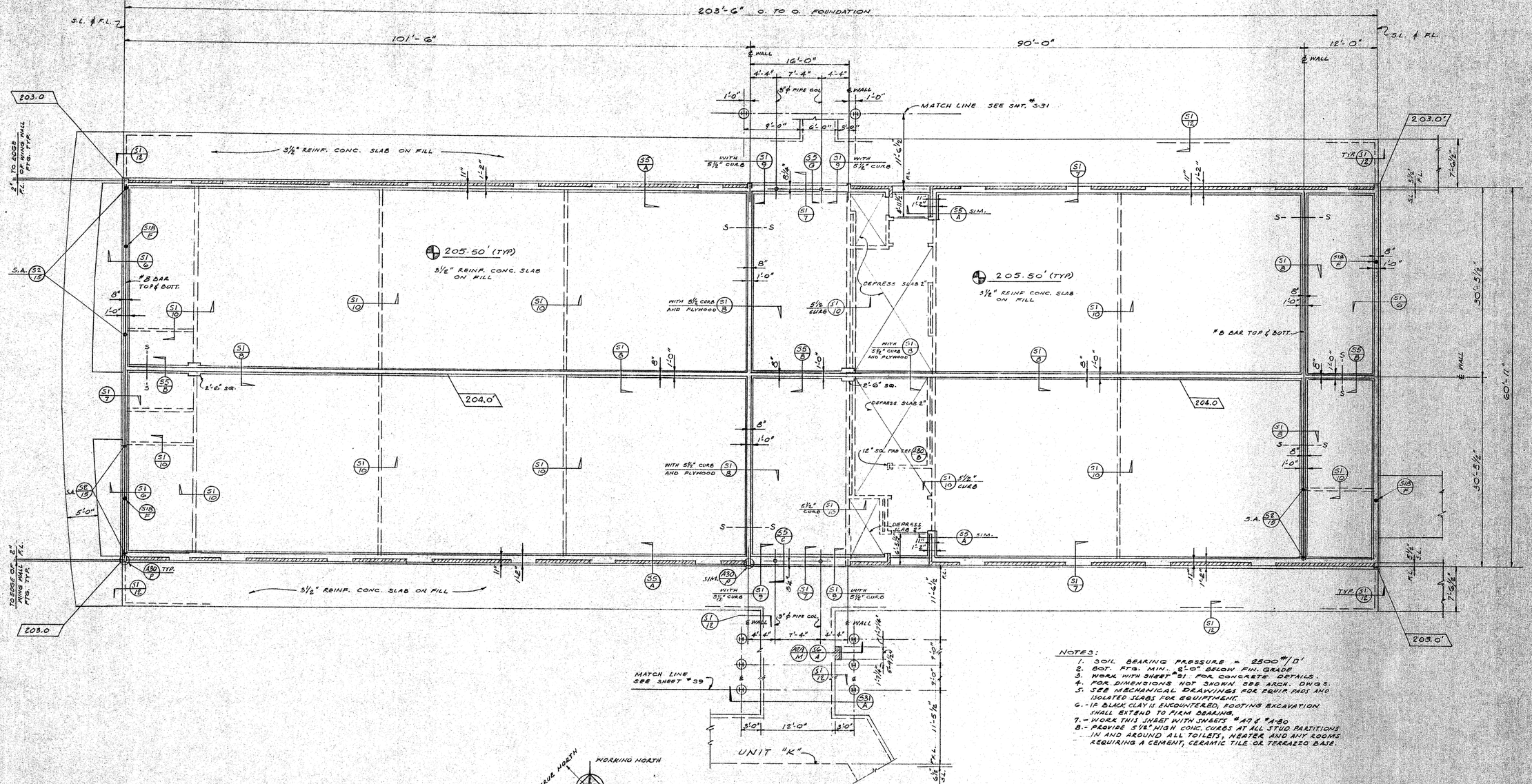


CONC WALL REINF. SCHEDULE

WALL THICKNESS	HORIZONTAL BARS	VERTICAL BARS	REMARKS
8"	#5 @ 18" O.C.	#5 @ 18" O.C.	EACH FACE

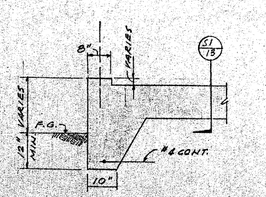
TYP. CONC. WALL REINF. (54/A)


STEPS OR CONC. TO BE SET TO LINE AFTER INITIAL SET
BOTTOM FORM BOARD TO BE LEFT OUT UNTIL AFTER FINAL INSPECTION
SLOPE
SLOPE
SLOPE

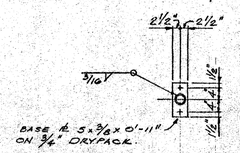


UNITS "A-B" FOUNDATION PLAN
1/8" = 1'-0"

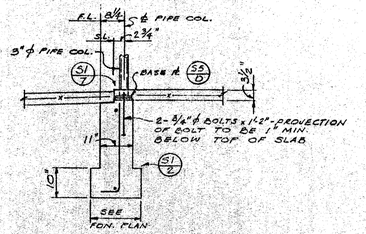
NOTES:
1. SOIL BEARING PRESSURE = 2500#/□'
2. BOT. FTG. MIN. 2'-0" BELOW FIN. GRADE
3. WORK WITH SHEET #S1 FOR CONCRETE DETAILS.
4. FOR DIMENSIONS NOT SHOWN SEE ARCH. DWGS.
5. SEE MECHANICAL DRAWINGS FOR EQUIP. PADS AND ISOLATED SLABS FOR EQUIPMENT.
6. - IF BLACK CLAY IS ENCOUNTERED, FOOTING EXCAVATION SHALL EXTEND TO FIRM BEARING.
7. - WORK THIS SHEET WITH SHEETS #A-7 & #A-30
8. - PROVIDE 5½" HIGH CONC. CURBS AT ALL STUD PARTITIONS IN AND AROUND ALL TOILETS, HEATER AND ANY ROOMS REQUIRING A CEMENT, CERAMIC TILE OR TERRAZZO BASE.



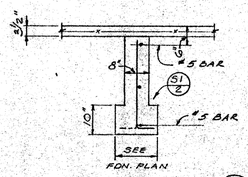
CURB SECTION S5/E
1/2" = 1'-0"



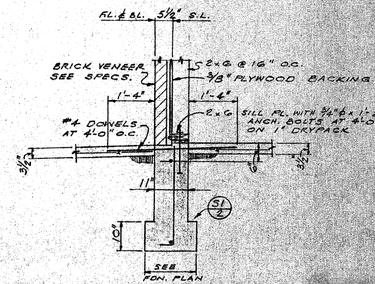
BASE PLATE S5/D
1/2" = 1'-0"



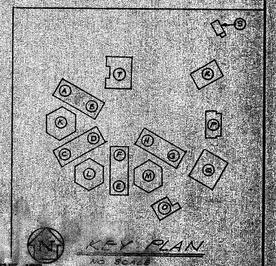
SECTION S5/C
1/2" = 1'-0"



SECTION S5/B
1/2" = 1'-0"



SECTION S5/A
1/2" = 1'-0"



KEY PLAN
NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
	CIVIL ENGINEER	ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 - 1959
APPLICATION NO. Per T. Mayer
PRINCIPAL SUPERVISING ARCHITECT

UNIT AB FOUNDATION PLAN & SECTIONS
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

DATE 1-59
DR. BY A.H.
CHECKED BY
JOB NO. 56-71
SHEET NO. S5

MATCH LINE SEE SHEET #39

210'-0" OUT TO OUT FOUNDATION

101'-6"

86'-0"

22'-6"

18'-0"

5'-0" 12'-0" 3'-0"

6'-8" 6'-0" 9'-10"

203.0'

204.0'

205.5' (TYP)
3½" REINF. CONC. SLAB ON FILL

3½" REINF. CONC. SLAB ON FILL

WITH 5½" CURB

WITH 8½" CURB

WITH 8½" CURB AND PLYWOOD

5½" CURB

2'-6" SQ.

#8 BAR TOPS BOTT. FOUND.

#7 TOP & BOTT OF ROUND WALL

3'-0" SQ. PAD

#9 TOP & BOT. OF FOOTING

EDGE OF SLAB & WALL FTG. TYP.

8" F.L.

S.L. & F.L.

4'-4" 7'-4" 4'-4"

8" ¢ PIPE COLS.

¢ WALL

11'-6½" F.L.

11'-5½" F.L.

6½" S.L.

5½" S.L.

7'-6½"

30'-5½"

60'-11"

MATCH LINE SEE SHEET #310

UNIT "L"

WORKING NORTH TRUE NORTH

UNIT "C-D" FOUNDATION PLAN
1/8" = 1'-0"

NOTES:
1. SOIL BEARING PRESSURE = 2500 #/0'.
2. BOT. OF FTG. MIN. 2'-0" BELOW FIN. GRADE.
3. SEE NOTES ON SHEET #S5.
4. WORK THIS SHEET WITH SHEETS #A-3 & #A-30

#5
10½" BRICK WALL #4 @ 12" EA. WAY ALT. BEND INTO FOOTING.
4-#4 x 3'-0" EQUALLY SPACED BEND HOR. 12" INTO BRICK WALL
3'-7"
1'-0"
PIN. FLR. LINE
2-COURSES MIN.
12"
6" 10½" 6"
1/ 10½"
BEYOND

SECTION
½" = 1'-0"

KEY PLAN
NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

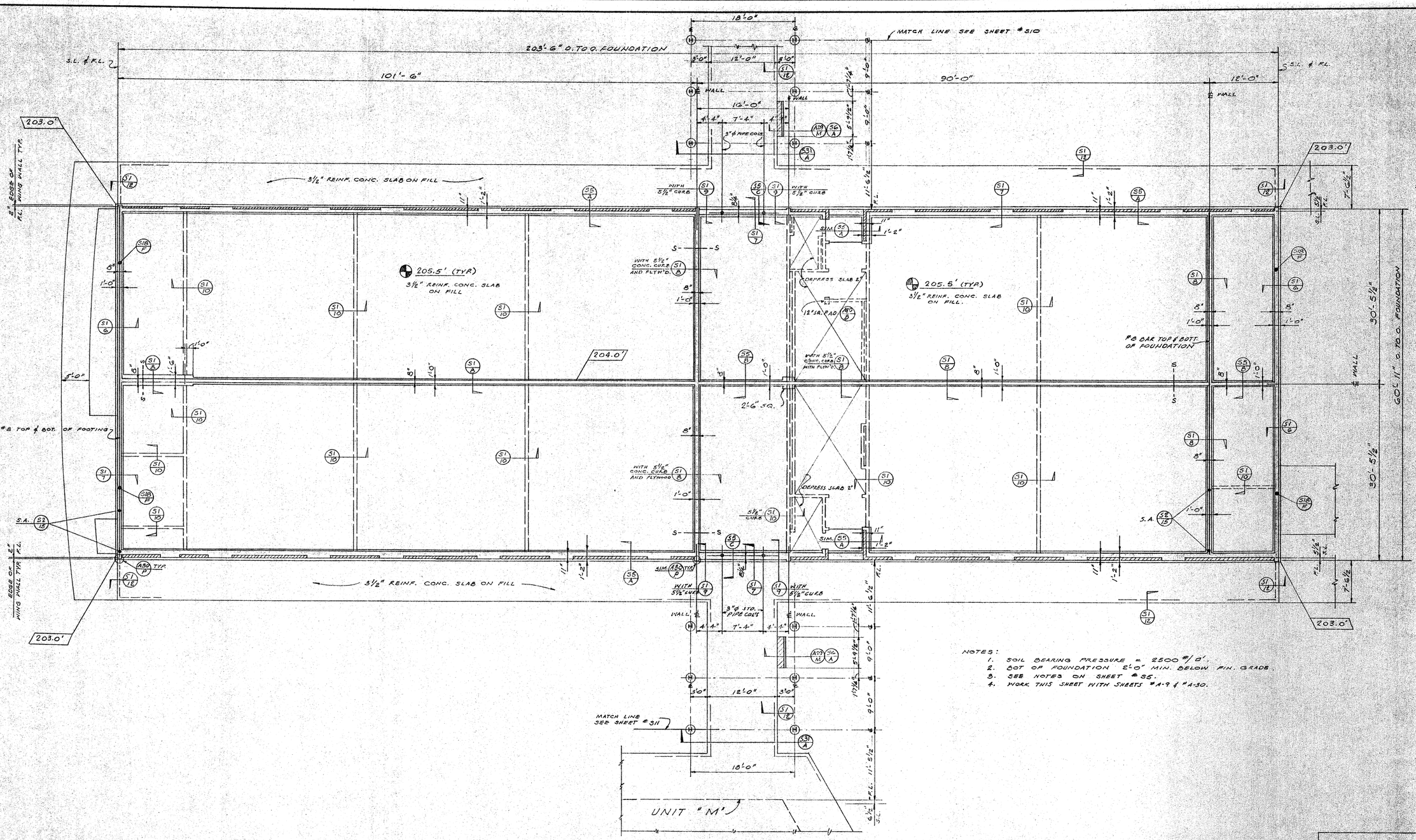
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17885 APPROVED JUL 15 1959
By C. J. Hoag and

UNIT "CD" FOUNDATION PLAN & SECTIONS
MILLIKAN HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

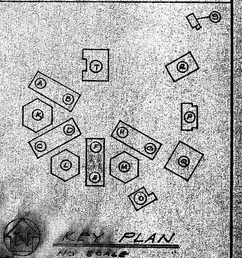
DATE 1-59
DRL BY
CHECKED BY
JOB NO. 58-74

SHEET NO. S6
OF SHEETS



NOTES:
1. SOIL BEARING PRESSURE = 2500 #/□'.
2. BOT OF FOUNDATION 2'-0" MIN. BELOW FIN. GRADE.
3. SEE NOTES ON SHEET #S5.
4. WORK THIS SHEET WITH SHEETS #A-9 & #A-30.

UNIT "E-F" FOUNDATION PLAN
1/8" = 1'-0"



CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

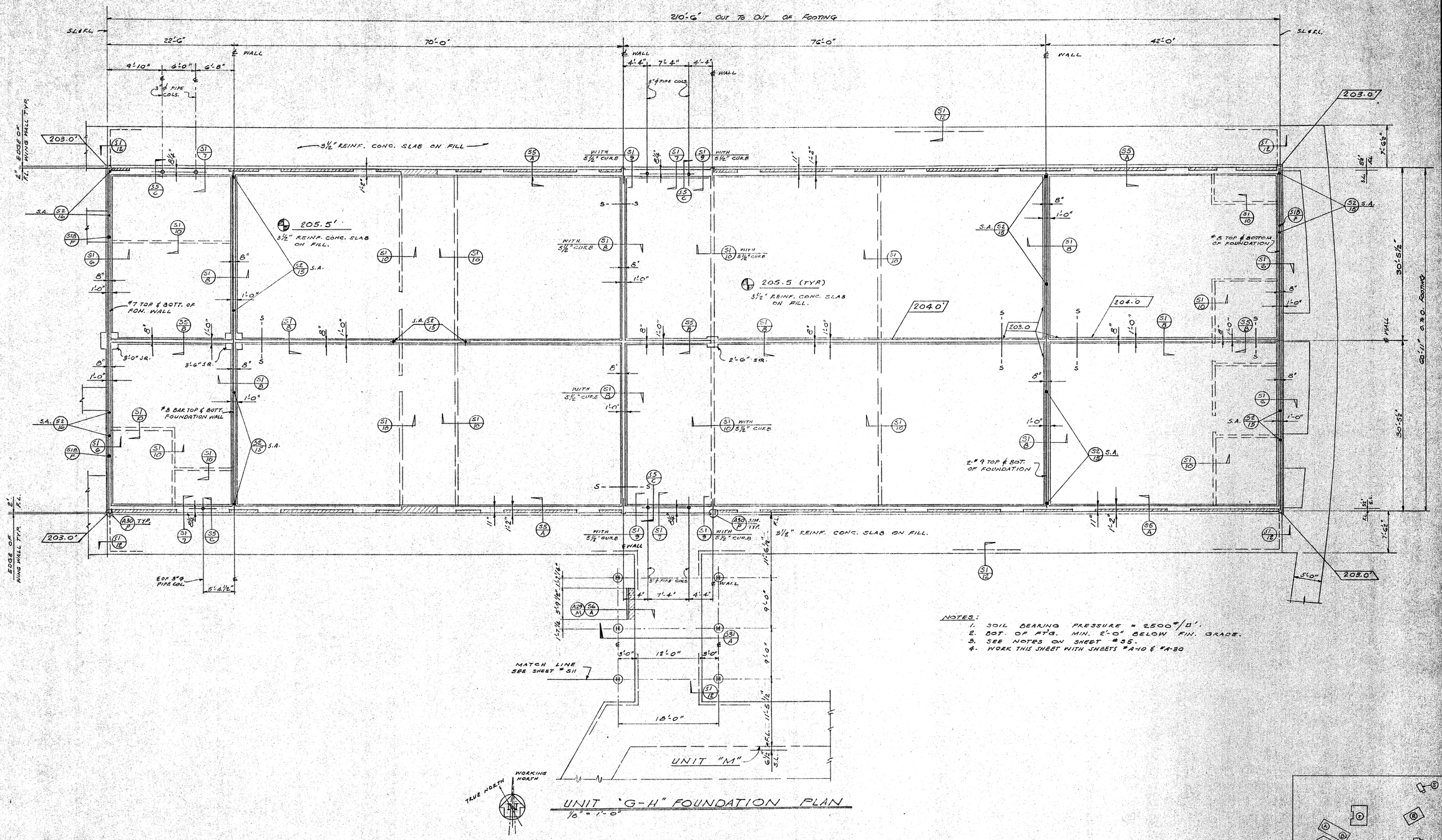
ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

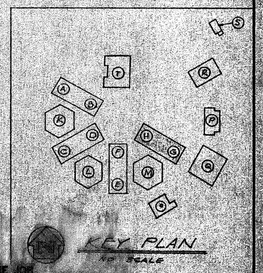
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 - 1959
By E. Maugard

UNIT "E-F" FOUNDATION PLAN & SECTIONS
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

DATE 1-59
DR. BY PB
CH. BY EJS
JOB NO. 5-71
SHEET NO. S7
OF SHEETS



NOTES:
1. SOIL BEARING PRESSURE = 2500#/□'.
2. BOT. OF FT'G. MIN. 2'-0" BELOW FIN. GRADE.
3. SEE NOTES ON SHEET #S5.
4. WORK THIS SHEET WITH SHEETS #A-10 & #A-30



KEY PLAN
NO SCALE

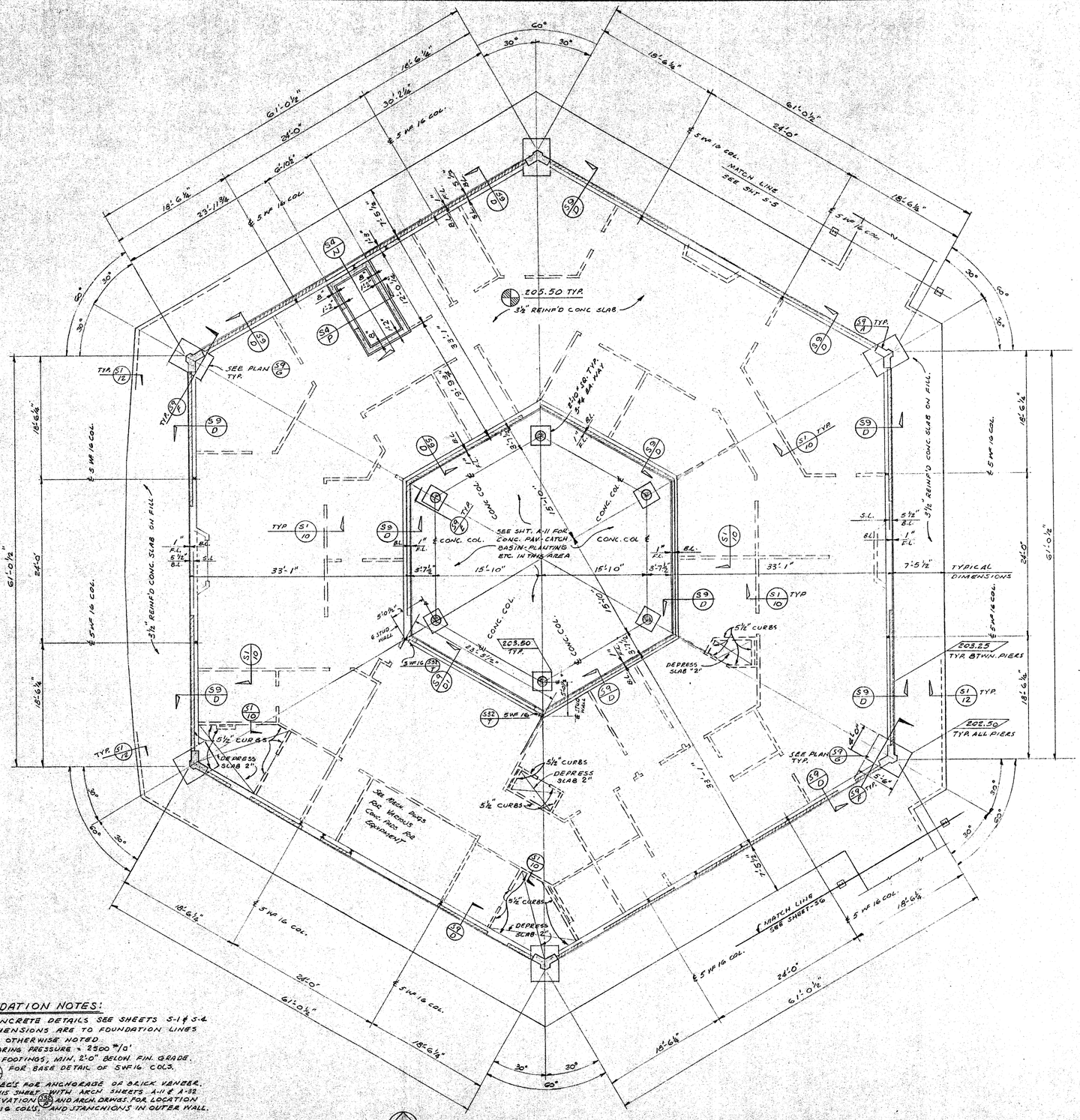
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
	CIVIL ENGINEER	ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 1959

UNIT "G-H" FOUNDATION PLAN & SECTION
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY A. & H.
CHECKED BY
JOB NO. 56-71
SHEET NO. S8
OF SHEETS

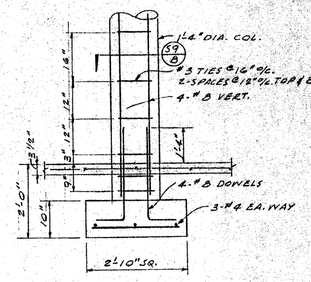


FOUNDATION NOTES:

1. - FOR CONCRETE DETAILS SEE SHEETS S-1 & S-4.
2. - ALL DENENSIONS ARE TO FOUNDATION LINES UNLESS OTHERWISE NOTED.
3. - SOIL BEARING PRESSURE = 2500 #/0'
4. - BOTT. OF FOOTINGS, MIN. 2'-0" BELOW FIN. GRADE.
5. - SEE (S9/C) FOR BASE DETAIL OF 5 WF 16 COLS.
6. - SEE SPECS FOR ANCHORAGE OF BRICK VENEER.
7. - WORK THIS SHEET WITH ARCH. SHEETS A-11 & A-32.
8. - SEE ELEVATION (S32/P) AND ARCH. DRWGS. FOR LOCATION OF 5 WF 16 COLS. AND STANCHIONS IN OUTER WALL.

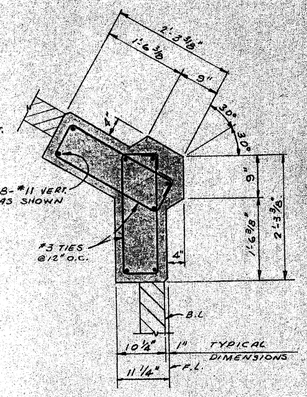
UNIT "K" FOUNDATION PLAN

SCALE 1/8" = 1'-0"



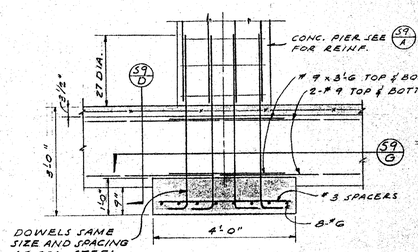
SECTION (S9/E)

SCALE: 1/2" = 1'-0"



TYP. CONC. PIER SECTION (S9/A)

SCALE: 3/4" = 1'-0"



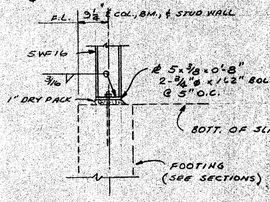
SECTION (S9/F)

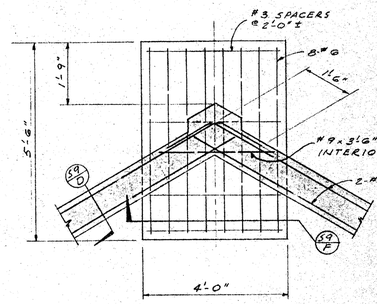
SCALE: 1/2" = 1'-0"



TYP. CONC. COL. SECTION (S9/B)

SCALE: 3/4" = 1'-0"



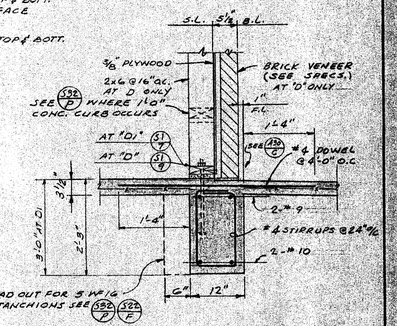


PART PLAN (S9/G)

SCALE: 1/2" = 1'-0"

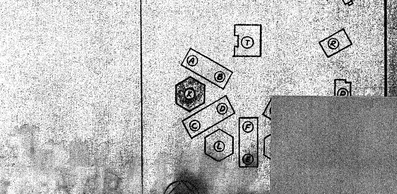
STEEL COL. BASE DETAIL (S9/C)

SCALE: 3/4" = 1'-0"



SECTION (S9/D) (S9/D1)

SCALE: 3/4" = 1'-0"



CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

UNIT "K" FOUNDATION, PLAN & SECTIONS

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

CALIFORNIA

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

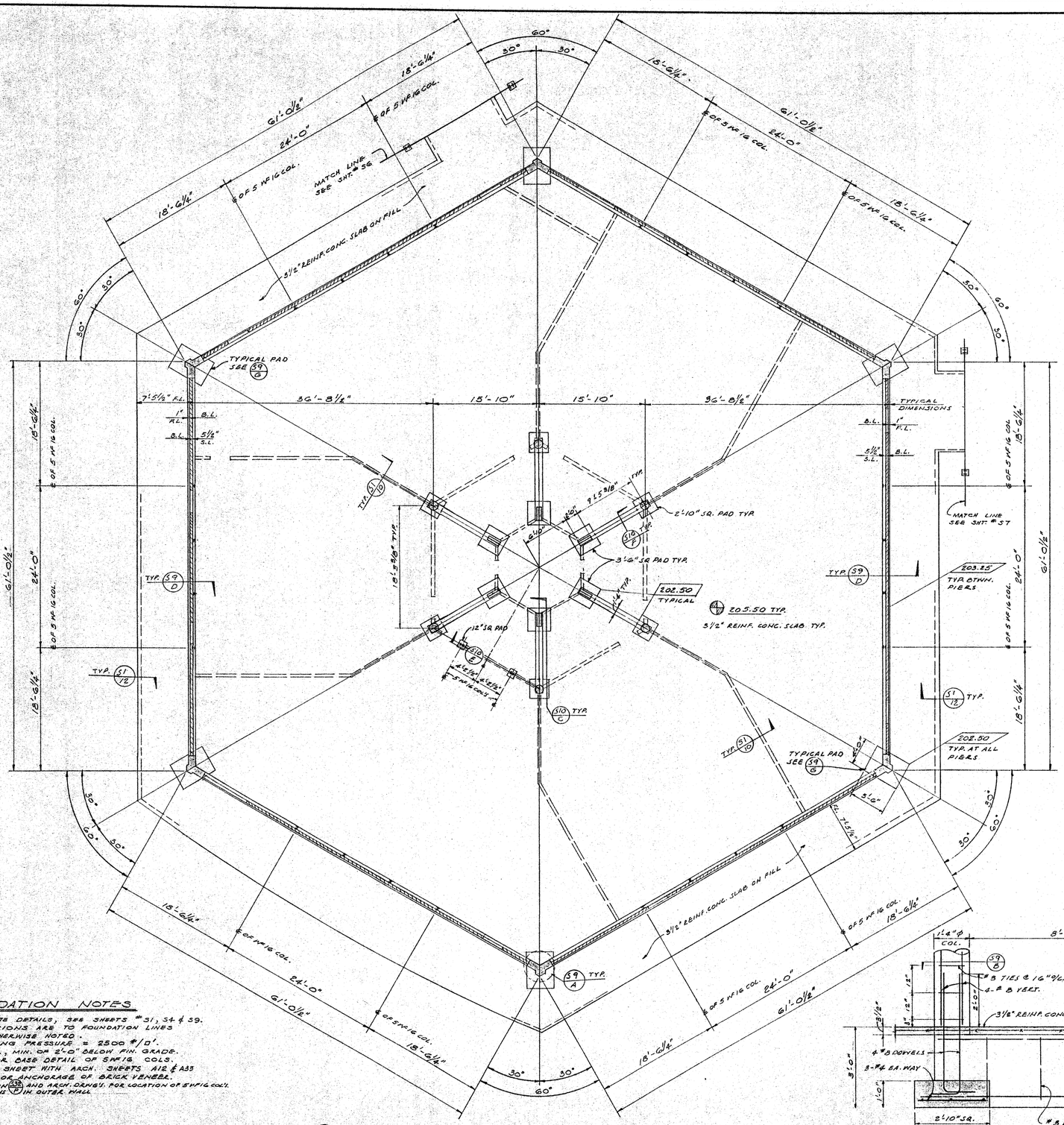
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

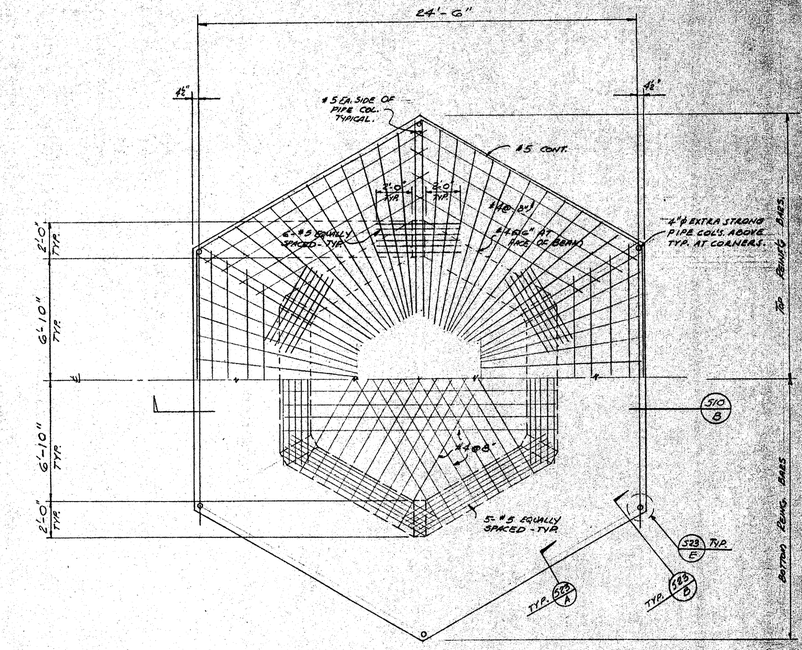
ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

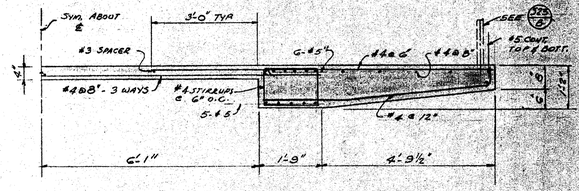
17833 APPROVED JAN 5 - 1959

By E. Maag

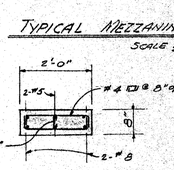




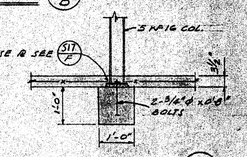
MEZZANINE FLOOR SLAB 51/0 A
1/4" = 1'-0"



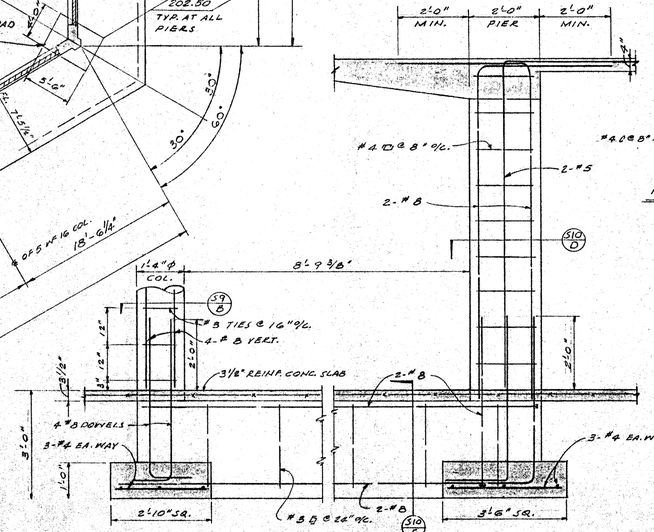
TYPICAL MEZZANINE SECTION 51/0 B
SCALE 3/4" = 1'-0"



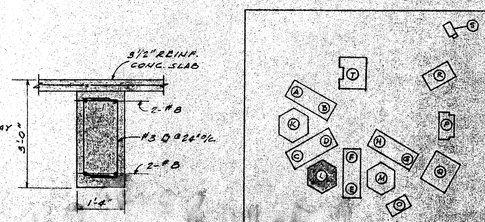
PIER SECTION 51/0 D
1/2" = 1'-0"



SECTION 51/0 E
SCALE: 1 1/2" = 1'-0"



SECTION 51/0 C
SCALE: 1/2" = 1'-0"



SECTION 51/0 F

KEY PLAN
NOT SCALE

FOUNDATION NOTES

1. FOR CONCRETE DETAILS, SEE SHEETS # 31, 34 & 39.
2. ALL DIMENSIONS ARE TO FOUNDATION LINES UNLESS OTHERWISE NOTED.
3. SOIL BEARING PRESSURE = 2500 #/0'.
4. BOT. OF FTGS., MIN. OF 2'-0" BELOW FIN. GRADE.
5. SEE 59/C FOR BASE DETAIL OF 5 WF 16 COLS.
6. WORK THIS SHEET WITH ARCH. SHEETS A12 & A33
7. SEE SPEC'S FOR ANCHORAGE OF BRICK VENEER.
8. SEE ELEVATION 33 AND ARCH. DRWG'S. FOR LOCATION OF 5 WF16 COL'S. AND STANCHIONS (F) IN OUTER WALL

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE

17833 APPROVED JAN 5 - 1959

Application No. Per. E. Magnuson

UNIT "L" FOUNDATION PLAN & SECTIONS

LA MIRADA HIGH SCHOOL

FULLERTON UNION HIGH SCHOOL DISTRICT

CALIFORNIA

DATE

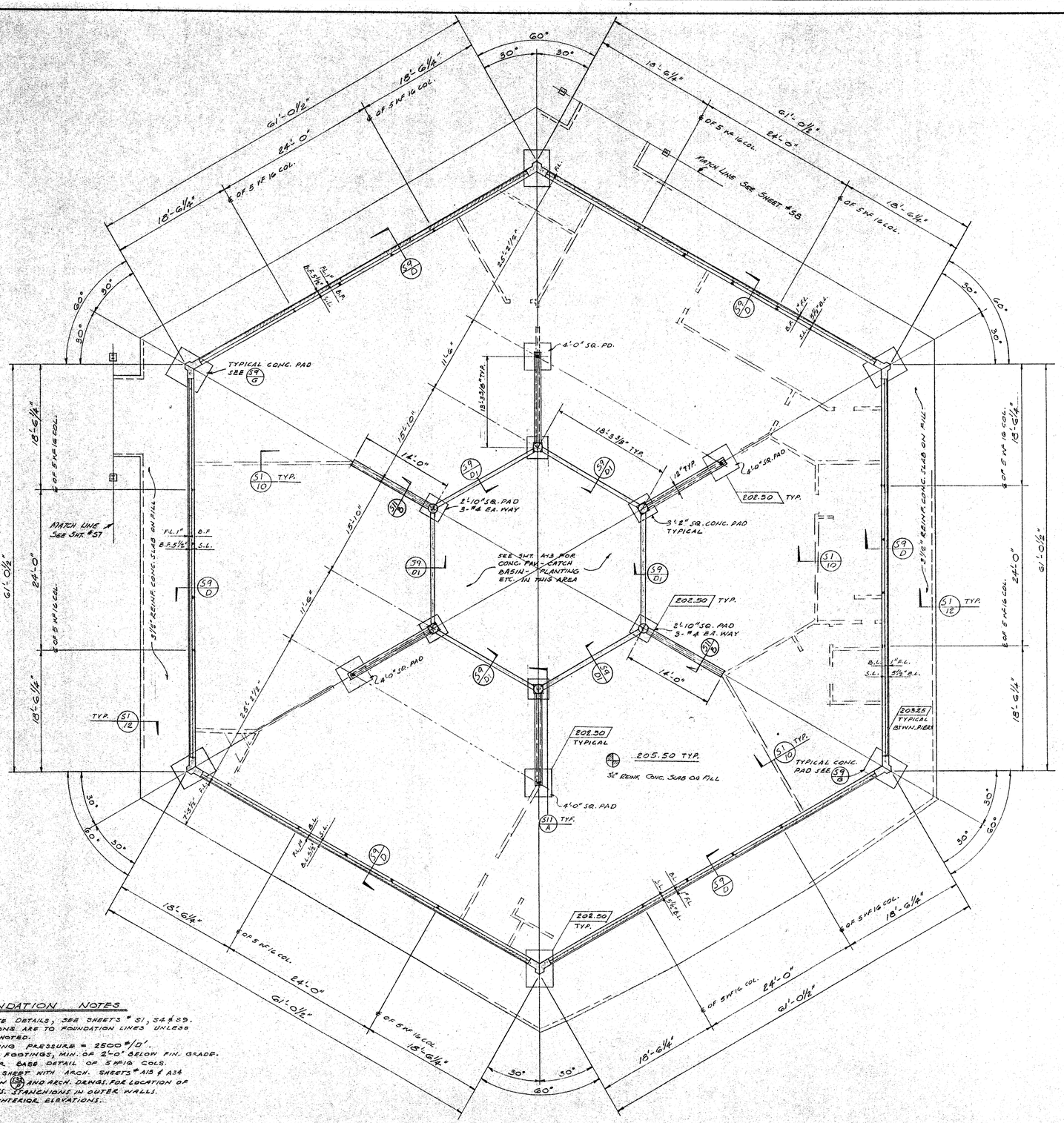
DRAWN

CHECKED

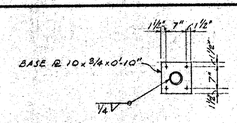
JOB NO.

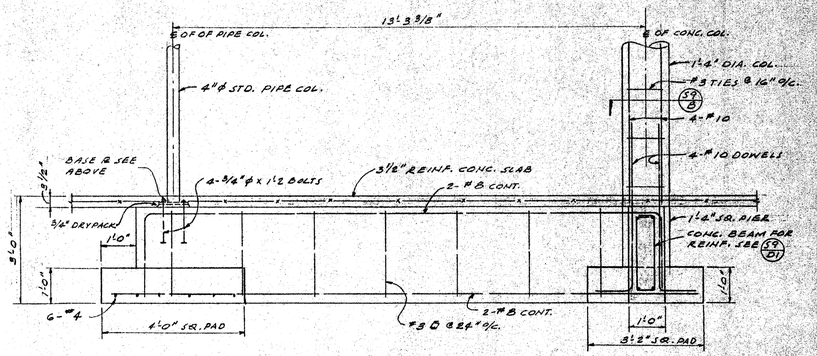
SHEET NO. S10

OF SHEETS

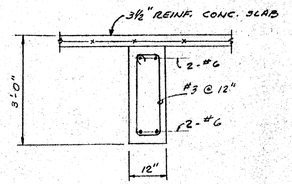


UNIT "M" FOUNDATION PLAN
1/8" = 1'-0"

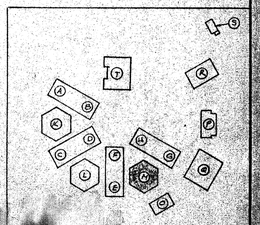




SECTION S11/A
SCALE: 1/2" = 1'-0"



SECTION S11/B
1/2" = 1'-0"



KEY PLAN
NO SCALE

FOUNDATION NOTES

1. FOR CONCRETE DETAILS, SEE SHEETS # S1, S4 & S9.
2. ALL DIMENSIONS ARE TO FOUNDATION LINES UNLESS OTHERWISE NOTED.
3. SOIL BEARING PRESSURE = 2500#/□'.
4. BOTTOM OF FOOTINGS, MIN. OF 2'-0" BELOW FIN. GRADE.
5. SEE S9/C FOR BASE DETAIL OF 5WF16 COLS.
6. WORK THIS SHEET WITH ARCH. SHEETS # A13 & A34
7. SEE ELEVATION S32/B AND ARCH. DRWGS. FOR LOCATION OF 5WF16 COL'S. STANCHIONS IN OUTER WALLS.
8. SEE S24/S9/D FOR INTERIOR ELEVATIONS.

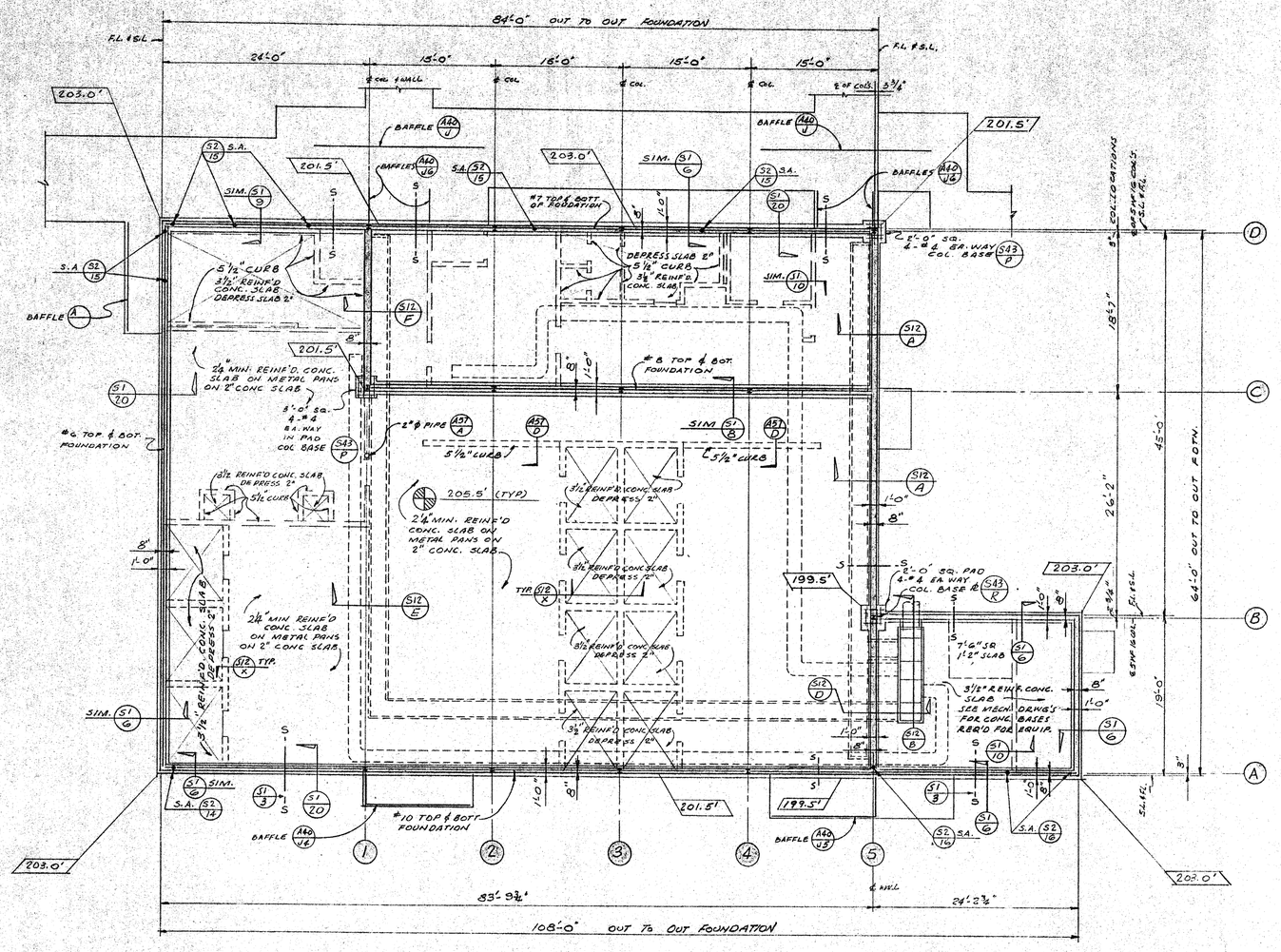
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

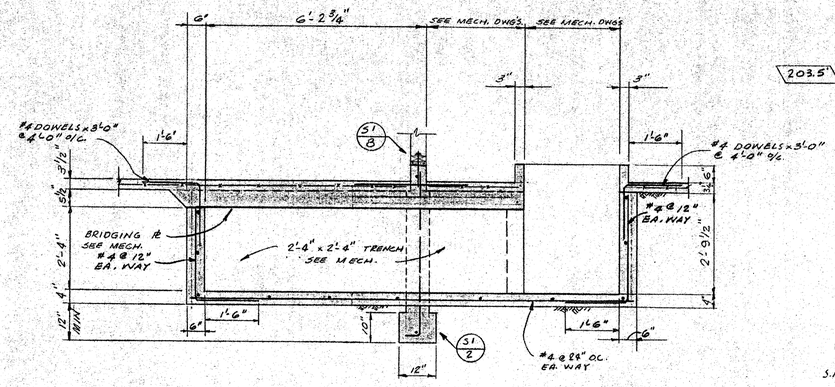
ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	
	CIVIL ENGINEER	

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 - 1959
By T. Mingg

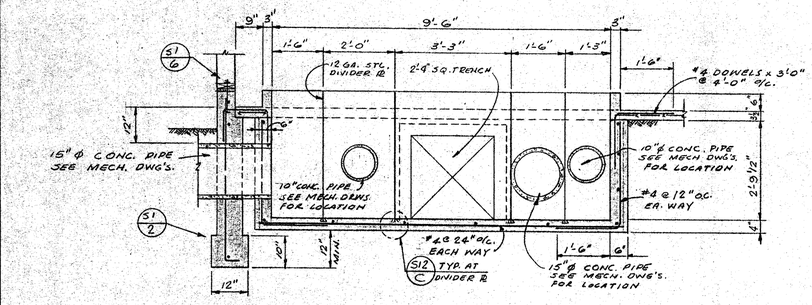
UNIT "M" FOUNDATION PLAN & SECTIONS
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

SHEET NO. S11 OF SHEETS

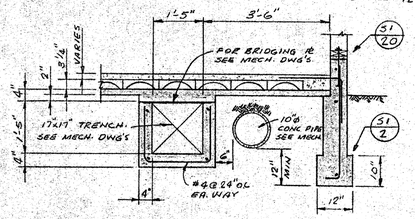

84'-0" OUT TO OUT FOUNDATION
24'-0"
15'-0"
15'-0"
15'-0"
15'-0"
F.L. & S.L.
F.L. & S.L.
203.0'
201.5'
203.0'
201.5'
BAFFLE A40 J
BAFFLE A40 J
BAFFLES A40 J/6
BAFFLES A40 J/6
SIM. S1 G
SIM. S1 9
S.A. S2 18
S.A. S2 15
S.A. S2 15
S.A. S2 18
SIM. S1 20
SIM. S1 10
"T" TOP & BOTT. OF FOUNDATION
DEPRESS SLAB 2"
5½" CURB
3½" REINF'D CONC. SLAB
5½" CURB
3½" REINF'D CONC. SLAB DEPRESS 2"
2'-0" SQ. 4-#4 EA. WAY COL. BASE S43 P
2'-0" SQ. 4-#4 EA. WAY COL. BASE S43 R
8'-0" SQ. 4-#4 EA. WAY IN PAD COL. BASE S43 P
#8 TOP & BOT. FOUNDATION
#6 TOP & BOT. FOUNDATION
#10 TOP & BOT FOUNDATION
2½" MIN. REINF'D CONC. SLAB ON METAL PANS ON 2" CONC. SLAB
2½" MIN REINF'D CONC. SLAB ON METAL PANS ON 2" CONC. SLAB
2" ϕ PIPE A37 A
5½" CURB
SIM. S1 G
205.5' (TYP)
TYP. S12 X
S12 E
S12 A
S12 D
S12 B
S12 F
199.5'
203.0'
7'-6" SQ. 1'-2" SLAB S1 G
3½" R.E.I.N.F. CONC. SLAB SEE MECH. DWG'S FOR CONC. BASES REQ'D FOR EQUIP.
SIM. S1 G
S.A. S2 18
BAFFLE A40 J/6
BAFFLE A40 J/8
201.5'
199.5'
203.0'
S1 3
S1 20
S1 G
S1 8
S1 10
S1 6
S1 G
S1 G
S1 20
S1 G
S1 G
S1 G



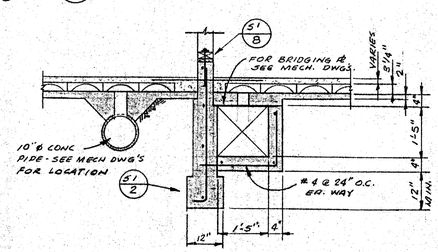
SECTION S13/A
SCALE: 1/2" = 1'-0"



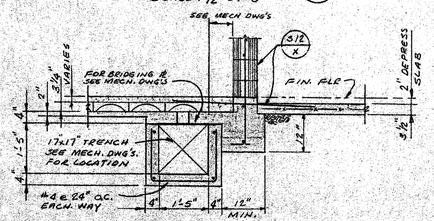
SECTION S13/B
SCALE: 1/2" = 1'-0"



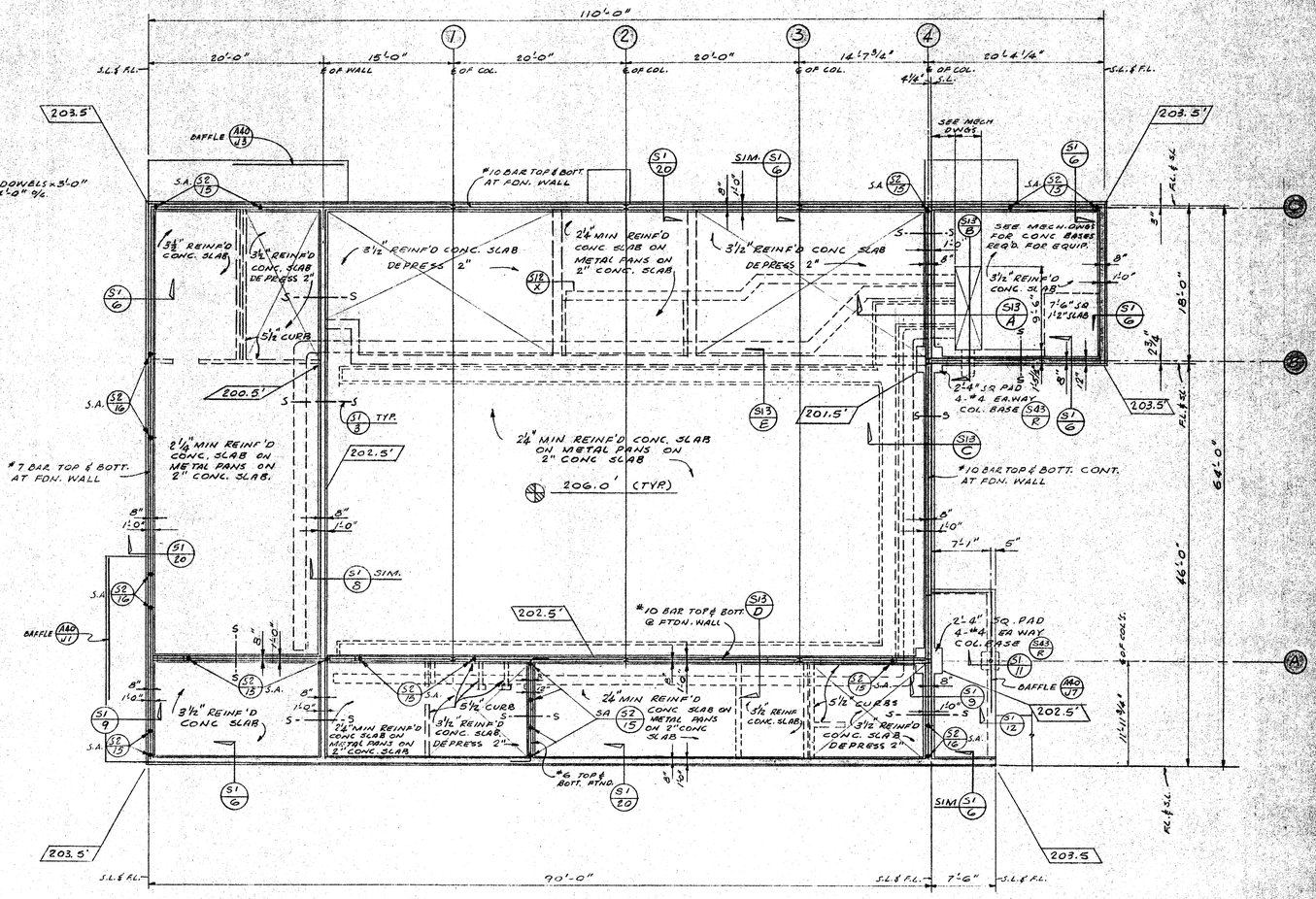
SECTION S13/C
SCALE: 1/2" = 1'-0"



SECTION S13/D
SCALE: 1/2" = 1'-0"

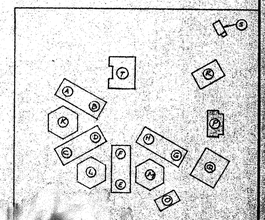


SECTION S13/E
SCALE: 1/2" = 1'-0"



UNIT "P" FOUNDATION PLAN
SCALE 1/8" = 1'-0"

NOTES:
1. SOIL BEARING PRESSURE = 2500 P.S.F.
2. BOTT. OF FOOTING MIN. 2'-0" BELOW FIN. GRADE
3. WORK WITH SHT. S-1 FOR CONC. DETAILS
4. FOR DIMENSIONS NOT SHOWN SEE ARCH & MECH. DWG'S
5. FOR CURBS, DRAINS & SLOPED FLOORS SEE ARCH & MECH. DWG'S
6. THE SIZE & LOCATION OF ALL HEATING PIPES, PITS & TRENCHS TO BE VERIFIED BY MECH. CONTRACTOR BEFORE INSTALLATION.



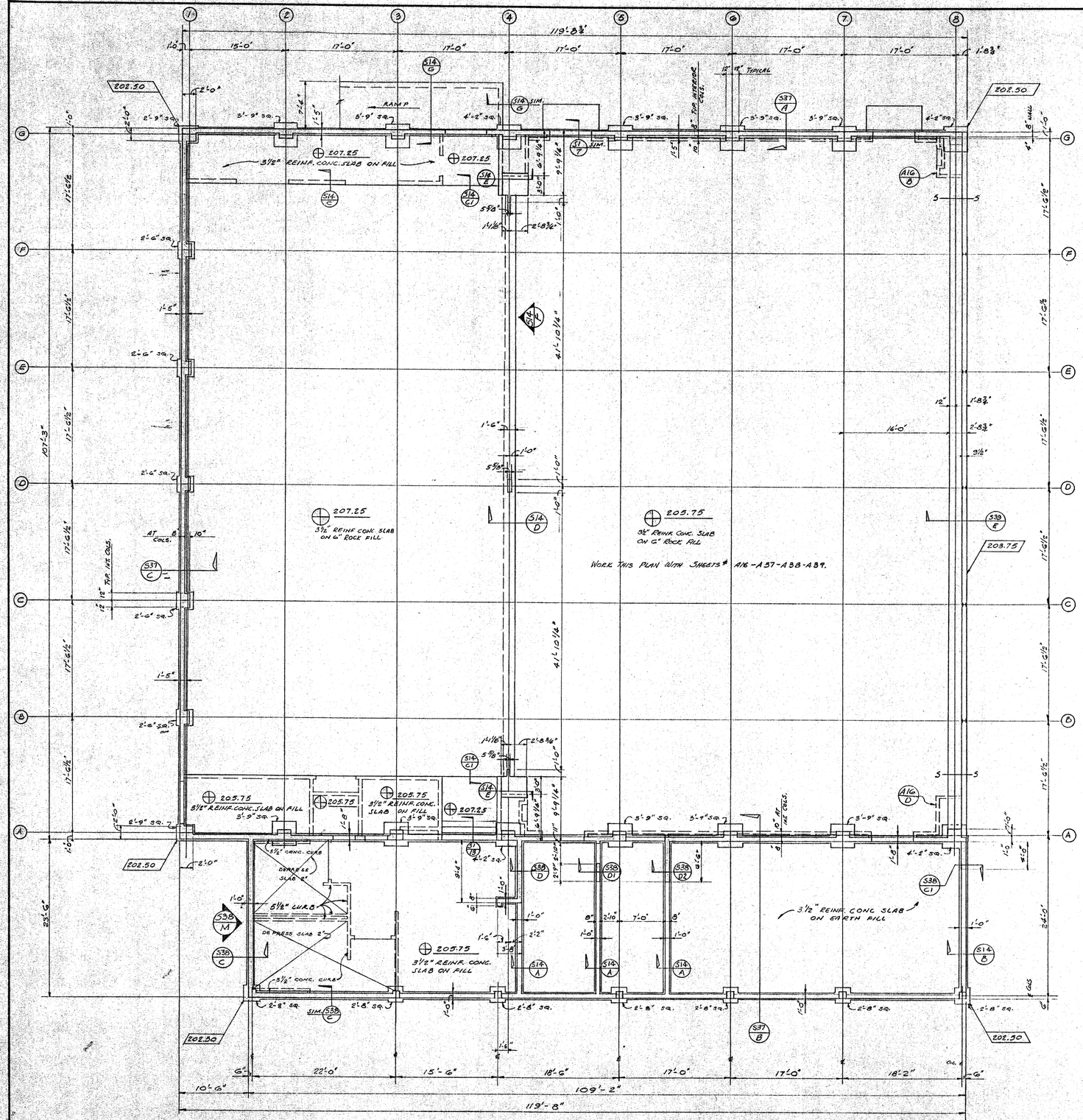
KEY PLAN

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
STRUCTURAL ENGINEER	CIVIL ENGINEER	ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 - 1959
Per E. Marquez

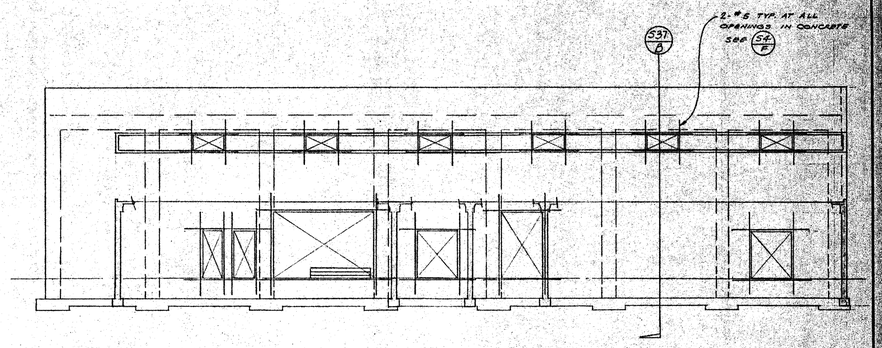
UNIT "P" FOUNDATION PLAN & SECTIONS
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
CALIFORNIA

SHEET NO. S13 OF SHEETS

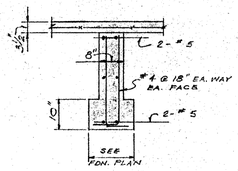


UNIT "Q" FOUNDATION PLAN
SCALE 1/8" = 1'-0"

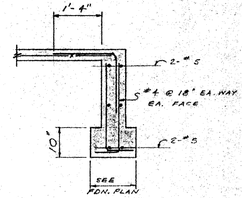
NOTES: 1. WORK WITH CONC. SHEET # S1 & S4
2. SOIL BEARING VALUE = 4000 #/□'
BOT. OF FOOTING MIN. OF 3'-0" BELOW FIN. GRADE
3. FOR DIMENSIONS NOT SHOWN, SEE ARCH. DWG'S.



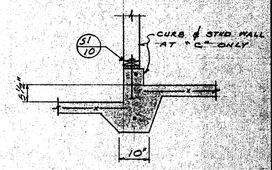
WALL ELEVATION ALONG LINE (A)
SCALE 3/32" = 1'-0"



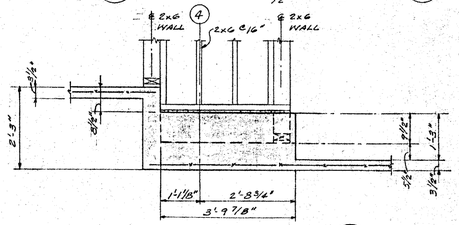
SECTION S14 A
½" = 1'-0"



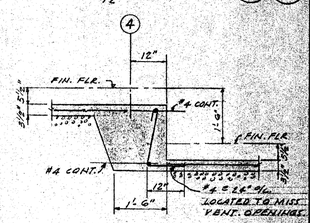
SECTION S14 B
½" = 1'-0"



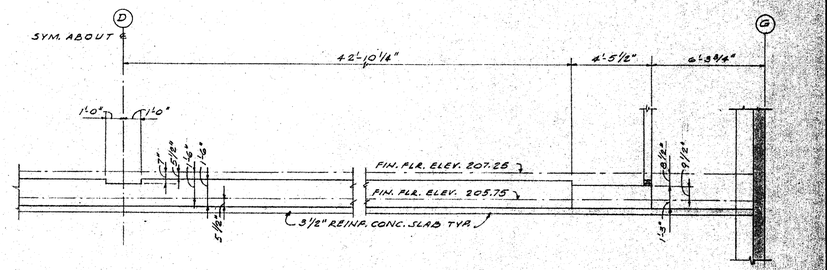
SECTION S14 C S14 C1
½" = 1'-0"



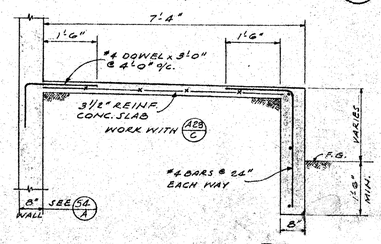
SECTION S14 E
SCALE: ½" = 1'-0"



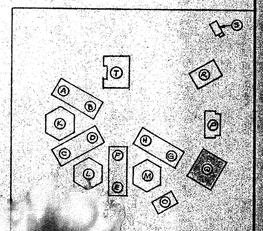
SECTION S14 D
SCALE: ½" = 1'-0"



ELEVATION S14 F
SCALE: ¼" = 1'-0"



SECTION S14 G
SCALE: ½" = 1'-0"



KEY PLAN
NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	
	ELECTRICAL ENGINEER	
STRUCTURAL ENGINEER	CIVIL ENGINEER	

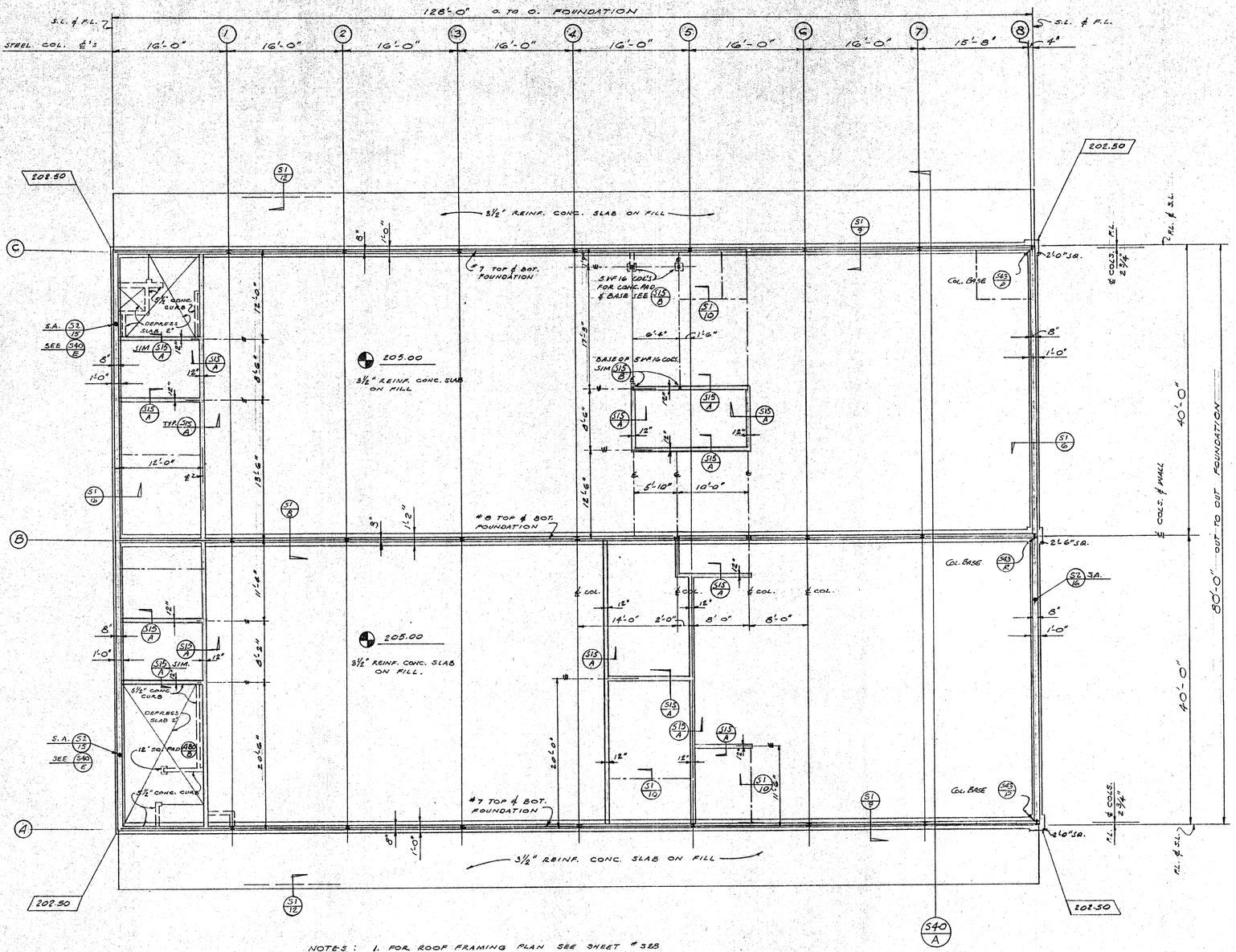
KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 - 1959
APPLICATION NO. DIVISION OF ARCHITECTURE

UNIT "Q" FOUNDATION PLAN & SECTIONS
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
CALIFORNIA

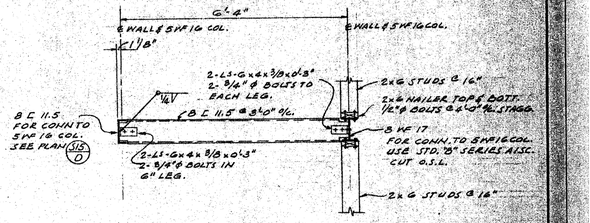
SHEET NO. S14
OF SHEETS



NOTES:
1. FOR ROOF FRAMING PLAN SEE SHEET # S2B
2. FOR FOUNDATION NOTES SEE SHEET # S1
3. SOIL BEARING PRESSURE = 2500 #/SF.
4. SEE ARCH. DRAWINGS FOR DIMENSIONS NOT SHOWN.

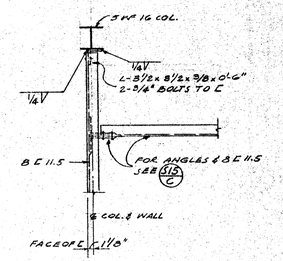
UNIT "R" FOUNDATION PLAN

SCALE 1/8" = 1'-0"



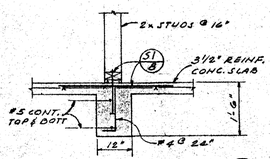
SECTION S15/C

SCALE: 1/2" = 1'-0"



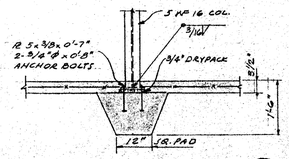
PLAN DETAIL S15/D

SCALE: 3/4" = 1'-0"



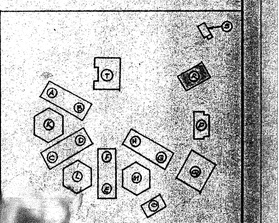
SECTION S15/A

SCALE: 1/2" = 1'-0"



SECTION S15/B

SCALE: 1/2" = 1'-0"



KEY PLAN

NOT TO SCALE

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 - 1970
By E. Mang
DATE OF CERTIFICATION
FILE NO.
TECHNICAL ENGINEER

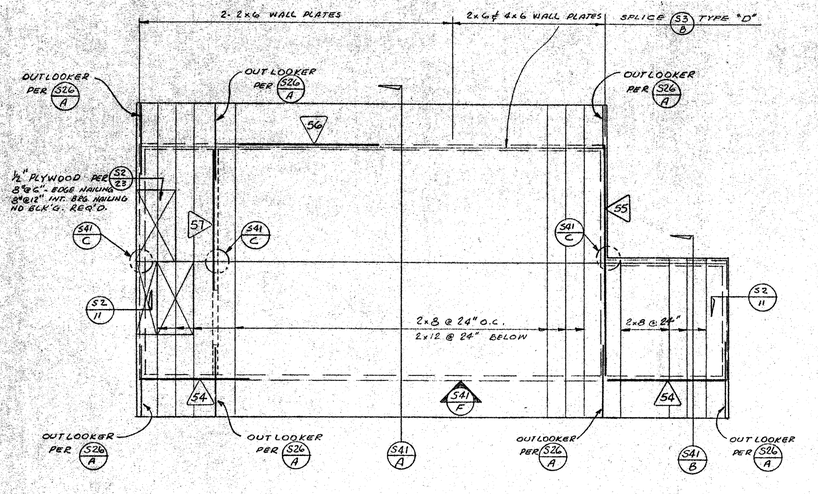
UNIT "R" FOUNDATION PLAN & SECTIONS

MEADOW HIGH SCHOOL

SWEETSER UNION HIGH SCHOOL DISTRICT

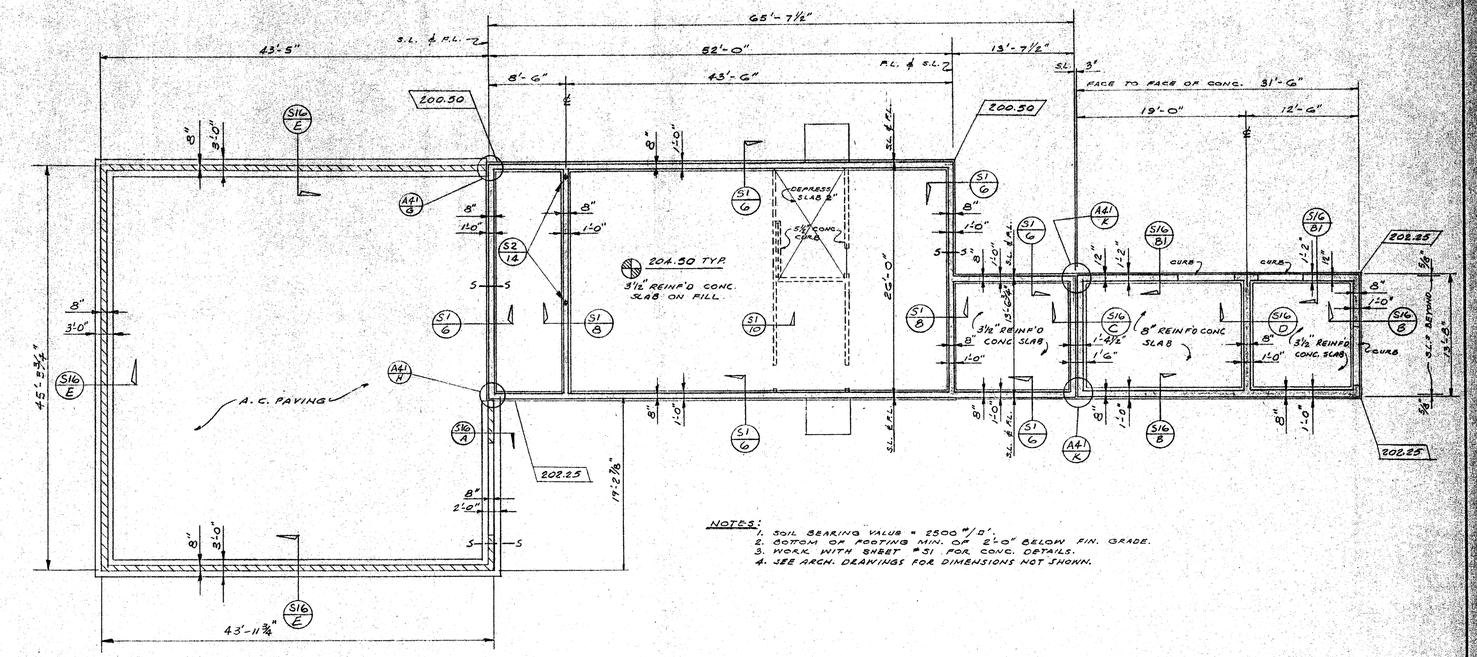
OF CALIFORNIA

SHEET NO. S15 OF SHEETS



UNIT 'S' ROOF FRAMING PLAN

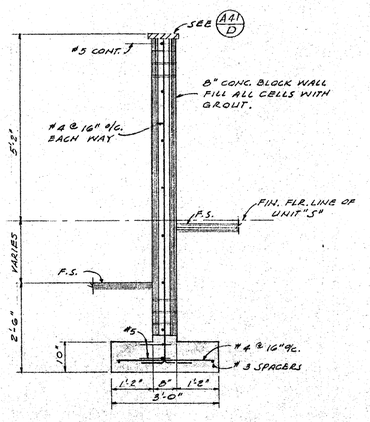
SCALE 1/8" = 1'-0"



NOTES:
1. SOIL BEARING VALUE = 2500 #/□'.
2. BOTTOM OF FOOTING MIN. OF 2'-0" BELOW FIN. GRADE.
3. WORK WITH SHEET #S1 FOR CONC. DETAILS.
4. SEE ARCH. DRAWINGS FOR DIMENSIONS NOT SHOWN.

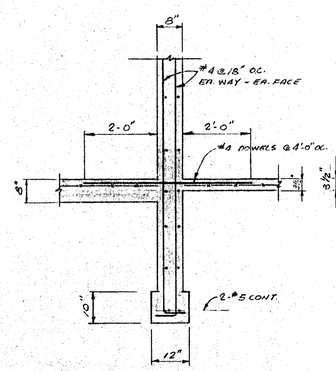
UNIT 'S' FOUNDATION PLAN

SCALE 1/8" = 1'-0"



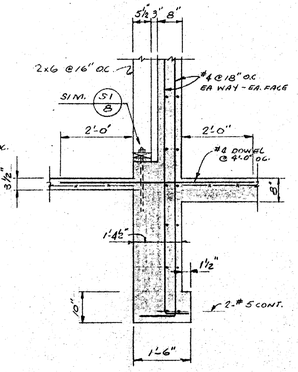
SECTION S16/E

SCALE: 1/2" = 1'-0"



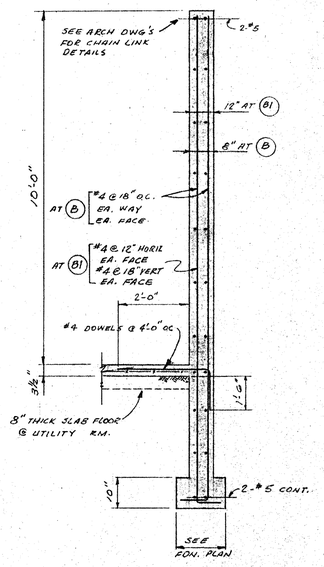
SECTION S16/D

SCALE: 1/2" = 1'-0"

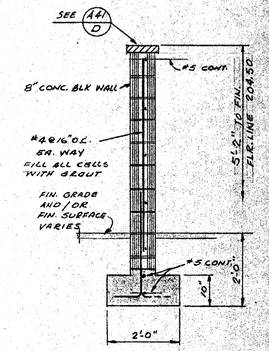


SECTION S16/C

SCALE: 1/2" = 1'-0"

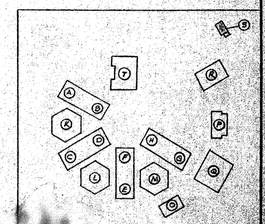


SECTION S16/B AS NOTED



SECTION S16/A

SCALE: 1/2" = 1'-0"



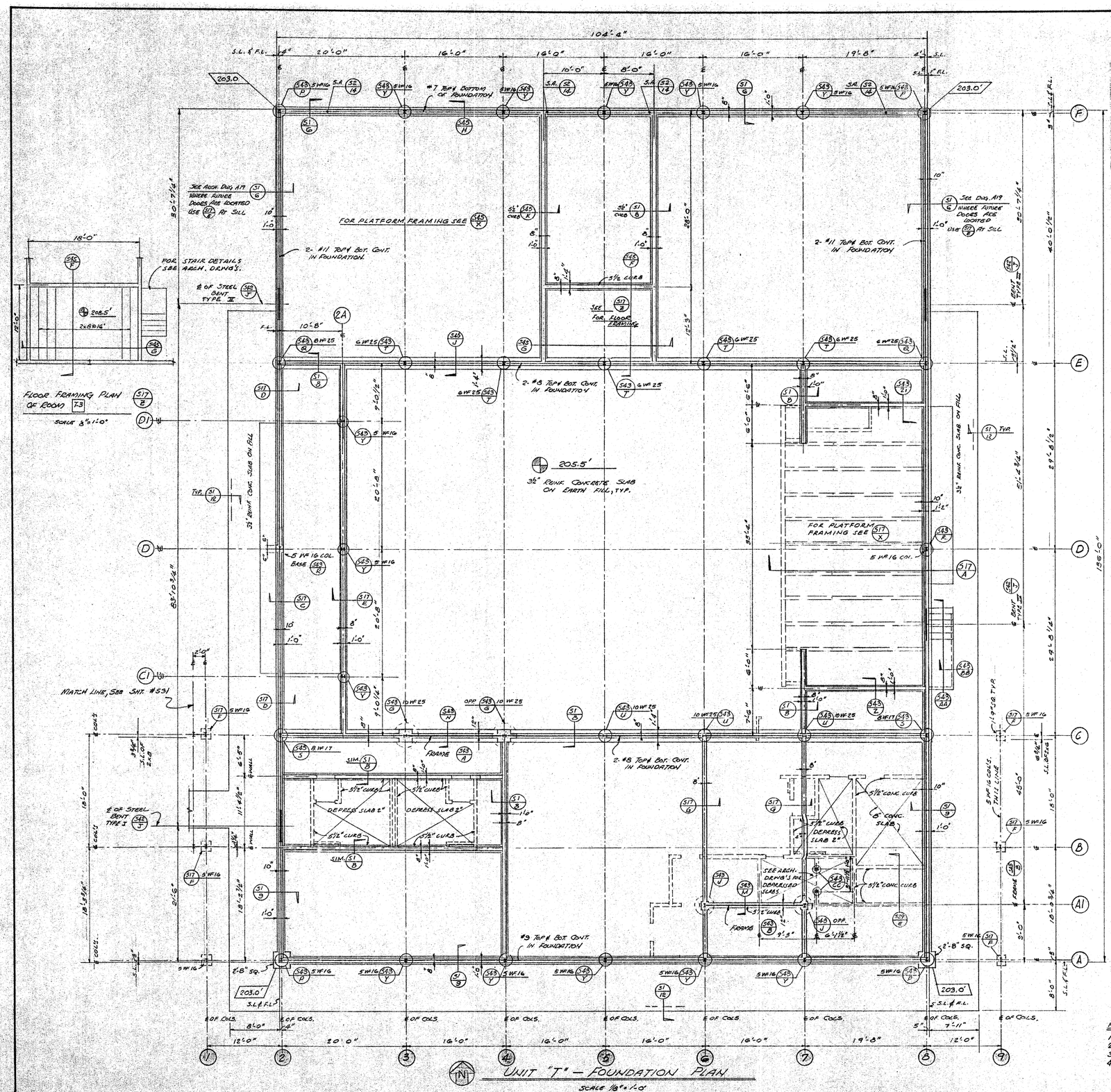
KEY PLAN

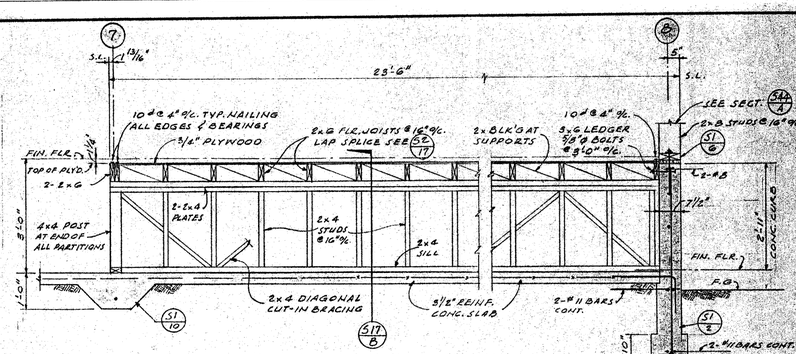
ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
STRUCTURAL ENGINEER	CIVIL ENGINEER	ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA

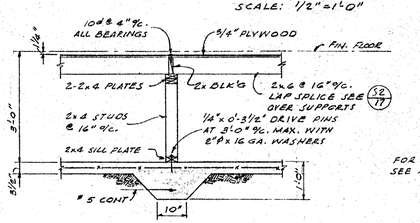
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 - 1959
APPLICATION NO. Per T. Mangan
PROFESSIONAL ENGINEER

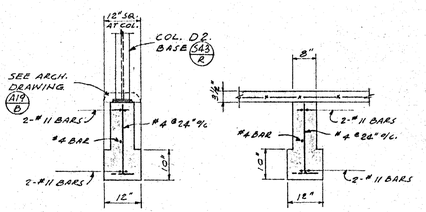
UNIT "S" FOUNDATION PLAN & ROOF PLAN
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
CALIFORNIA

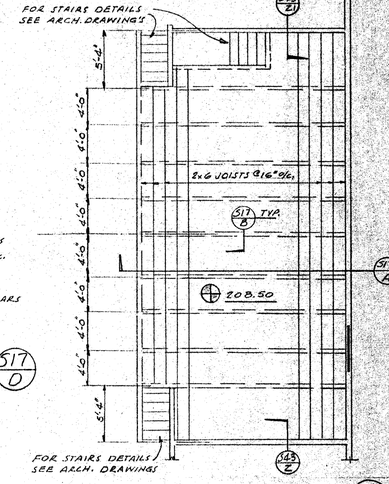
SHEET NO. S16 OF SHEETS

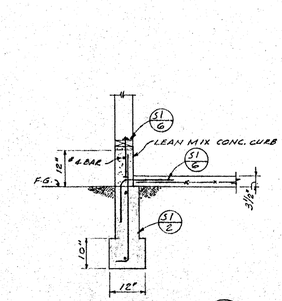


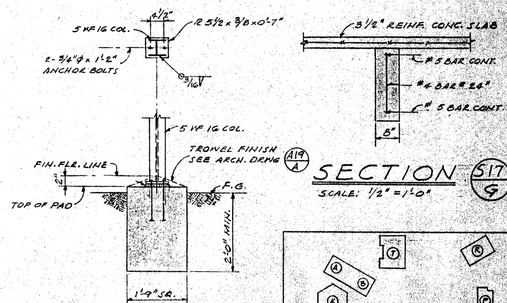




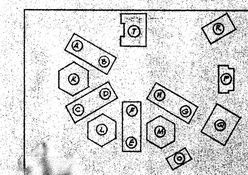








NOTES:
1.- SOIL BEARING PRESSURE = 2500 P.S.F.
2.- BOTT. OF FOOTING 2'-0" BELOW F.G.
3.- WORK WITH SHT. S-1 FOR CONC. DETAILS
4.- FOR DIMENSIONS NOT SHOWN SEE ARCH. DWG. A-19



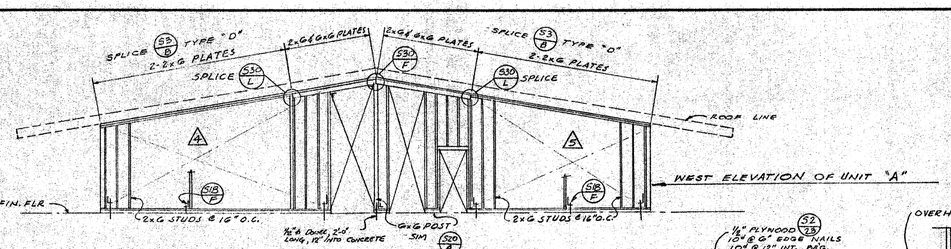
ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE - ENGINEERING
LOS ANGELES, CALIFORNIA

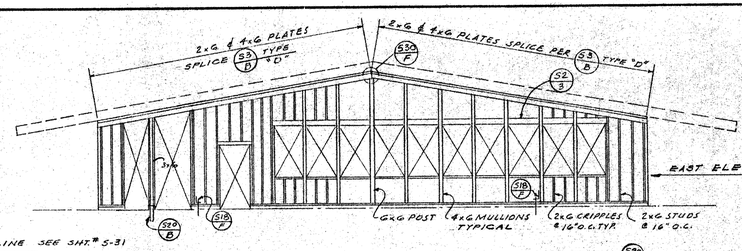
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17883 APPROVED JAN 5 - 1959
For E. Mapp

UNIT "T" FOUNDATION PLAN & SECTIONS
LA MIRADA HIGH SCHOOL
[illegible] UNION HIGH SCHOOL DISTRICT

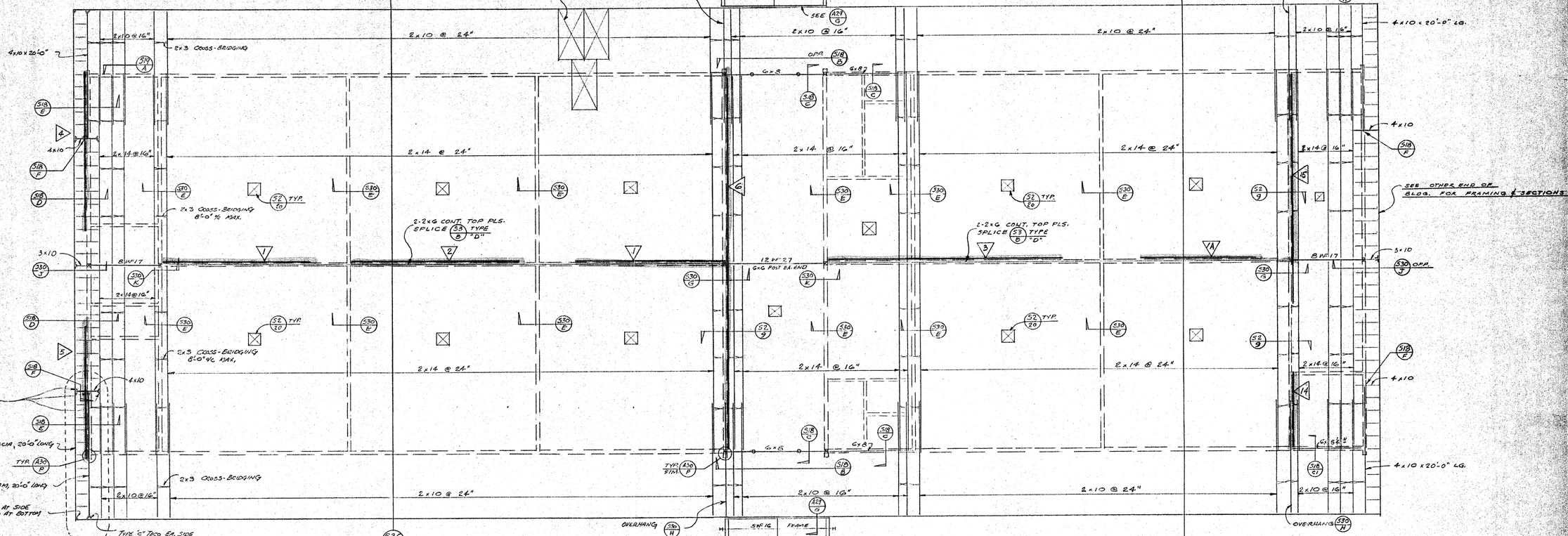
SHEET NO. S17
OF 71 SHEETS



WEST ELEVATION OF UNIT "A"



EAST ELEVATION OF UNIT "D"

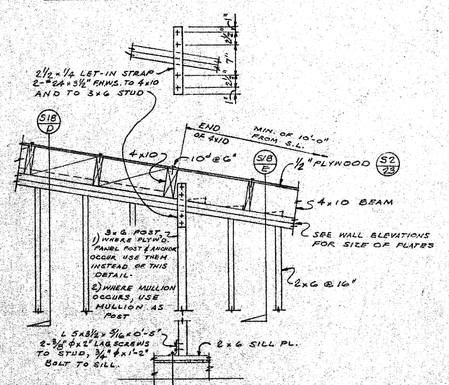


WORKING NORTH
TRUE NORTH

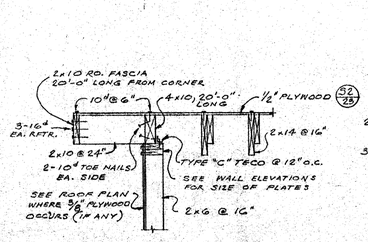
UNIT 'A-B' ROOF FRAMING PLAN

SCALE 8"=1'-0"

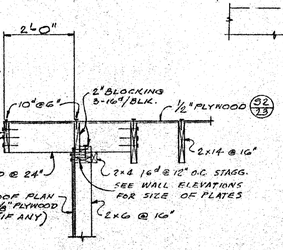
SEE SHEET # S19 FOR FRAMING NOTES



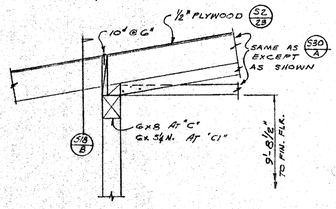
ELEVATION (S18/F) 1/4" = 1'-0"



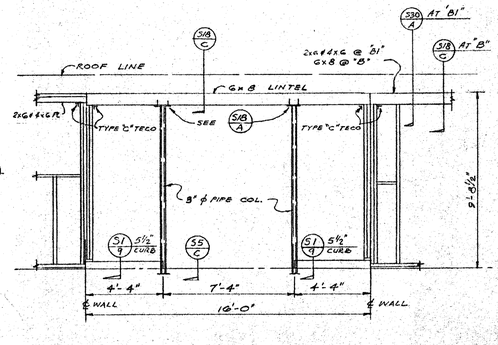
SECTION (S18/E) 1/2" = 1'-0"



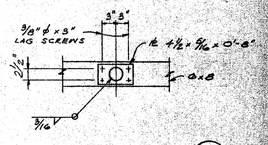
SECTION (S18/D) 1/2" = 1'-0"



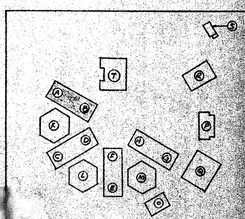
SECTION (S18/C) (S18/C1) 1/2" = 1'-0"



ELEVATION (S18/B) (S18/B1) 1/4" = 1'-0"



DETAIL (S18/A) 3/4" = 1'-0"



KEY PLAN NO SCALE

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES

ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE

17833 APPROVED JAN 5 - 1959 FOR T. Mayo

UNIT 'A-B' ROOF PLAN & SECTIONS

LA CANADA HIGH SCHOOL

FOOTHILL UNION HIGH SCHOOL DIST.

LA CANADA CALIFORNIA

DATE 1-59

DR. BY A.H.

CHKED BY STA

SC-77

SHEET NO. S18

OF SHEETS

UNIT "K" SEE SHEET #S22

5NFIG FRAME

5NFIG FRAME

5NFIG FRAME

4NF37 4NF37 4NF37

331 A

530 A

530 A

1½" PLYWOOD 10#B.G. EDGE NAILS 10"@12" INT. BR'G NO BLOCKING REQD. 52 23

OVERHANG 530 H

OVERHANG 530 H

SEE A29 G

EXISTING WINDOW IN THIS WALL, REMOVE W/ STUCCO.

1x10x20'-0"

2x10 @ 16" O.C. 518 A

2x8 CROSS BRIDGING

2x10 @ 24" O.C.

2x10 @ 24" O.C.

2x10 @ 16" O.C.

SIM 518 B

6x8 27

4x10 x 20'-0" LG.

518 C

518 E

4x10 518 F

2x14 @ 16" O.C. 518 D

2x14 @ 24" O.C.

2x14 @ 16"

2x14 @ 24" O.C.

2x14 @ 16" O.C.

4x10 518 F

52 TYP 20

530 E

2x8 CROSS BRIDGING @ 8'-0" O.C. MAX.

FOR FUTURE 530 E

530 B FOR FUTURE

530 E

52 TYP 20

SEE OTHER SIDE OF BLDG. FOR FRAMING & SECTIONS

3x10 8 WF 17

530 J 530 K1

2-2x6 CONT TOP PLS. SPLICE 53 D TYPE "E"

12 WF 27

530 G1 530 K1

2-2x6 CONT TOP PLS. SPLICE 53 D TYPE "E"

14 WF 30 530 J1

3x10

518 D

52 TYP 20

2x14 @ 16" 530 B

2x8 CROSS BRIDGING @ 8'-0" O.C MAX.

530 E

2x14 @ 24" O.

(E) WINDOWS & DOORS IN (B) SHEAR WALLS VERIFY

2x14 @ 16"

2x14 @ 24" O.C.

2x14 @ 16" O.C.

52 TYP 20

52 17

530 E

TYPE "C" TECO EA SIDE TYPE "B" TECO AT TOP 518 F

518 E

6x8

530 E

2x10 FASCIA 20'-0" LONG

4x10 BEAM 20'-0" LONG 518 C1

2x8 CROSS BRIDGING

2x10 @ 16" O.C.

TYPE "C" TECO @ SIDE TYPE "A" TECO @ BOT.

TYPE "C" TECO EA. SIDE TYPE "B" TECO TOP & BOT.

2x10 @ 24" O.C.

SIM. TYP. A30 B

518 B1

6x8

2x10 @ 16"

SEE A29 G

2x10 @ 24" O.C.

2x10 @ 16" O.C.

4x10 x 20'-0" LG.

518 C

OVERHANG 530 H

OVERHANG 530 H

TYPICAL FRAMING FOR ALL FOUR CORNERS OF BLDG.

531 A

5NFIG FRAME

5NFIG FRAME

4NF37 4NF37 4NF37

5NFIG FRAME

UNIT "L" SHEET #S23

2-2x6 PLATES SPLICE PER 53 B TYPE "C"

2-2x6 PLS. 2x6 & 6x6 PLATES SPLICE 530 F 530 L 2-2x6 PLATES

ROOF LINE

FIN. FLR.

518 F

2x6 STUDS @ 16" O.C. TYP.

6x6 POST 510 A

518 F

2x6 STUDS @ 16" O.C.

2x6 & 6x6 PLATES SPLICE PER 53 B TYPE "D"

2x6 & 6x6 PLATES SPLICE PER 53 B TYPE "C"

ROOF LINE

A22

A22

A22

A30 B

A30 B

6x6 POST

A30 B

518 F

2x6 STUDS @ 16" O.C.

WEST ELEVATION UNIT "C"

SCALE: 1/8" = 1'-0"

EAST ELEVATION UNIT "D"

SCALE: 1/8" = 1'-0"

WORKING NORTH

TRUE NORTH

UNIT "C-D" ROOF FRAMING PLAN

1/8" = 1'-0"

3x6 S.S. 52 2 TYP.

TYPE "C" TECO EA SIDE END

C-8

52 1 TYP.

3x6 S.S.

TYPE "C" TECO EA. SIDE

3x6 S.S.

TYPE "C" TECO EA. SIDE

2-2x6

ELEVATION AT FIREHOSE CABINET S19 A

1/8" = 1'-0"

FRAMING NOTES

1. ALL FRAMING ELEVATIONS ARE FOR INDICATION ONLY. USE SPECIFIC DETAILS & SECTIONS ALONG WITH TYPICAL SHEET #S2.
2. UNLESS OTHERWISE DETAILED, USE TYPE "C" TECO TOP & BOT. AND EA. END WHERE OPENING IN WALLS 4'-0" OVER, 4'-0" WIDE.
3. WHEREVER PLYWOOD IS NAILED TO A HOOD NAILER ON A STEEL MEMBER, USE SPECIAL PLYWOOD NAILS.
4. SEE ARCH. DRGS. FOR DIMENSIONS NOT SHOWN.
5. UNLESS OTHERWISE DETAILED, WHERE HANGERS, FROM ROOF JOISTS TO CEILING JOISTS, OCCUR; USE 1x4 HANGERS, 8-8d EA END UP TO 4'-0" LONG USE 2x4 HANGERS, 3-16d EA END WHERE LENGTH EXCEEDS 4'-0"
6. OPENINGS IN ROOF ARE FOR INDICATION ONLY. SEE MECH. DWG'S FOR EXACT LOCATION & SIZES, FRAME PER 52 20

KEY PLAN

NO SCALE

UNIT "D" ROOF PLAN & SECTIONS

LA MIRADA HIGH SCHOOL

SOUTH WHITTIER SCHOOL UNION HIGH SCHOOL DIST.

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE

17833 APPROVED JAN 5 - 1959

DATE 1-59

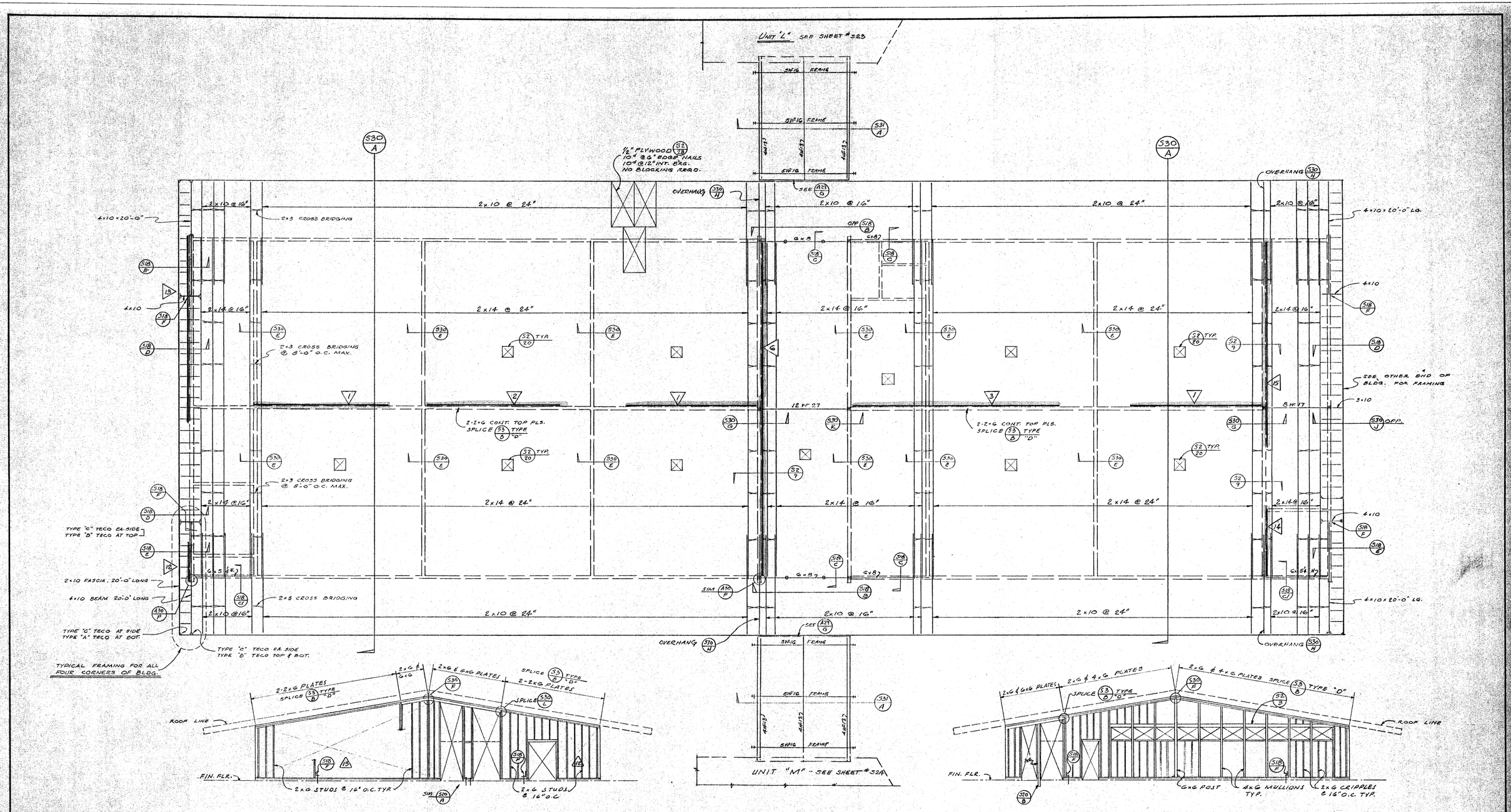
DRAWN BY D.H

CHECKED BY JW

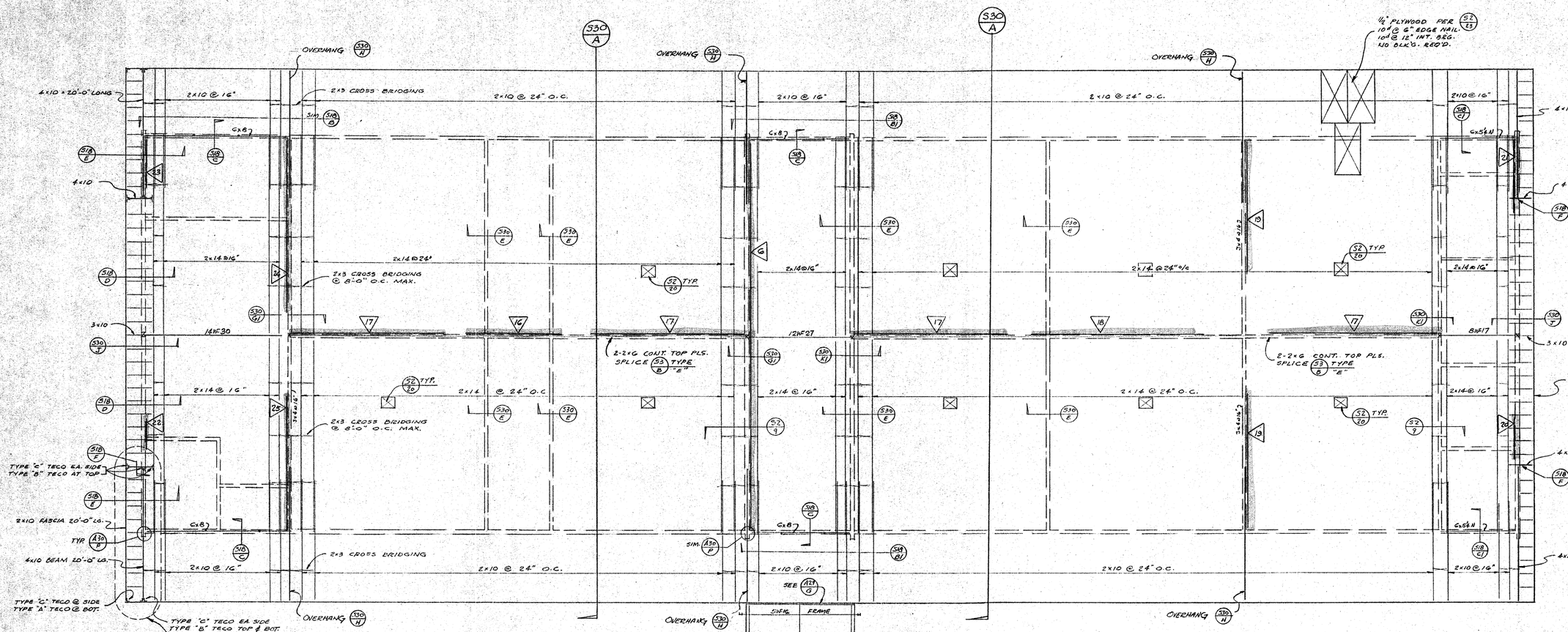
JOB NO. 56-71

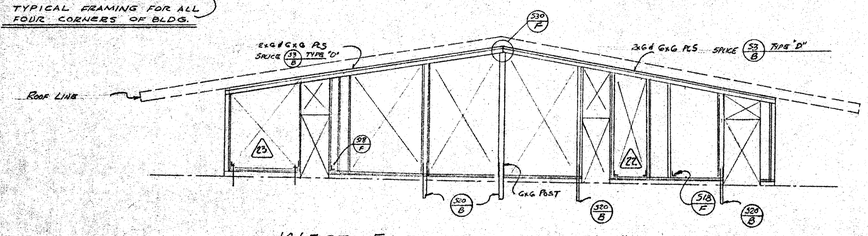
SHEET NO. S19

OF SHEETS



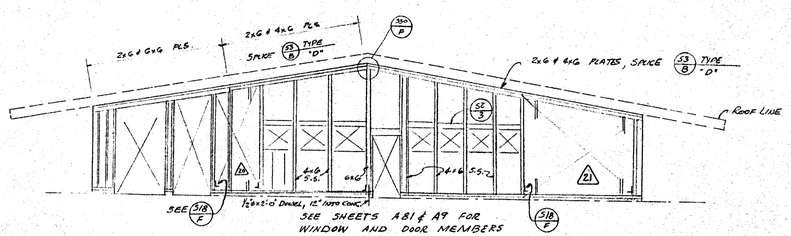
ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17833 APPROVED JAN 5 - 1959	UNIT "E-F" ROOF PLAN & SECTIONS MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT	DATE 1-59 DR. BY D.F.H. CHECKED BY APPR. NO. 56-71
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER CIVIL ENGINEER				SHEET NO. S20 OF SHEETS





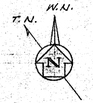
WEST ELEVATION UNIT "H"

SCALE: 1/8" = 1'-0"



EAST ELEVATION UNIT "G"

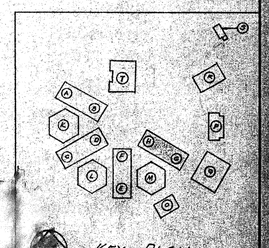
SCALE: 1/8" = 1'-0"



UNIT "G-H" ROOF FRAMING PLAN

1/8" = 1'-0"

SEE SHEET # 319 FOR FRAMING NOTES



KEY PLAN

No Scale

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE

17383 APPROVED JAN 5 - 1959

BY E. Maynard

UNIT G-H ROOF PLAN & SECTIONS

MILPITAS HIGH SCHOOL

BERRYESSA UNION HIGH SCHOOL DIST.

DATE 1-59

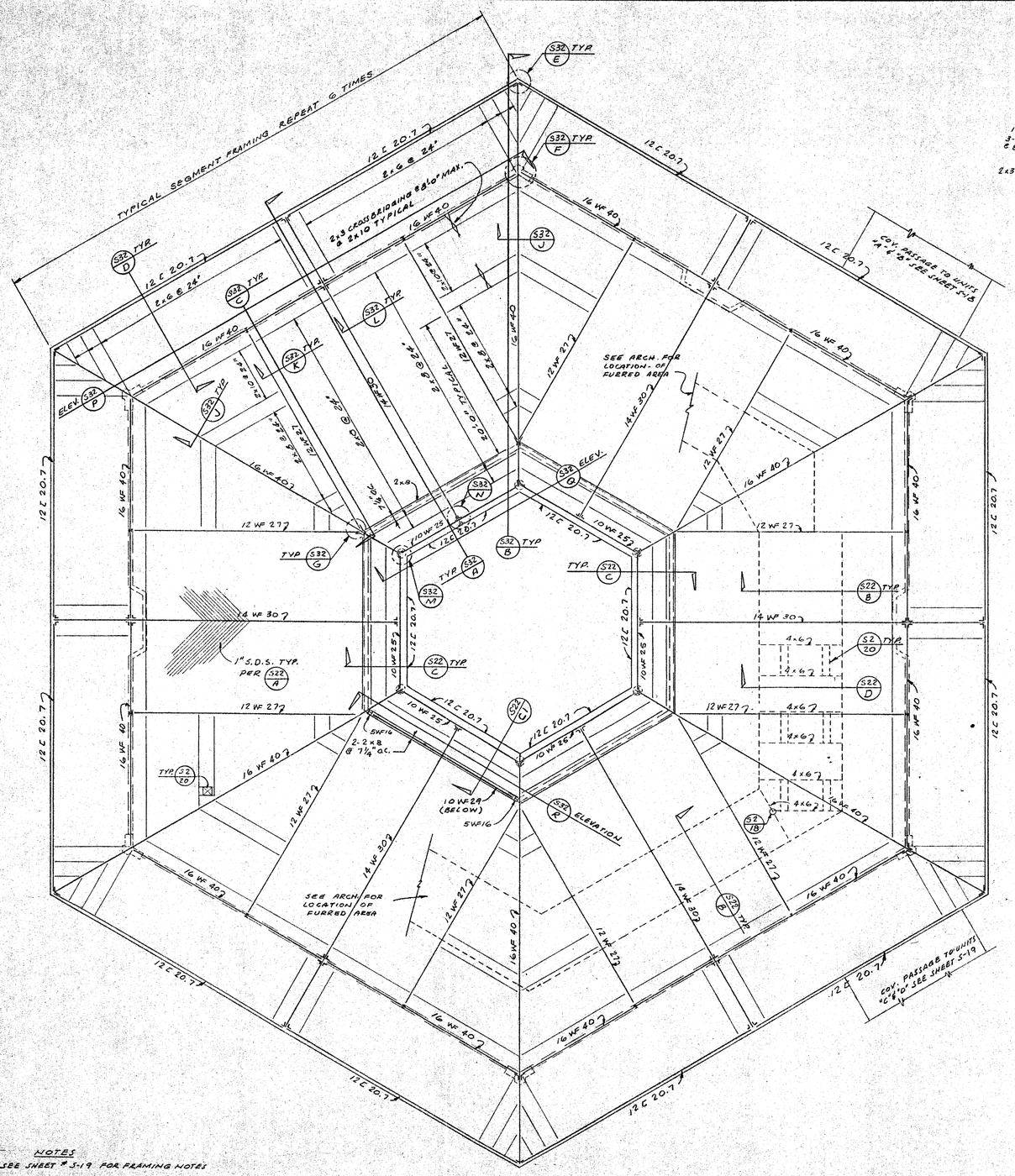
DR. BY A.M.

CHKD BY STH

JOB NO. 58-71

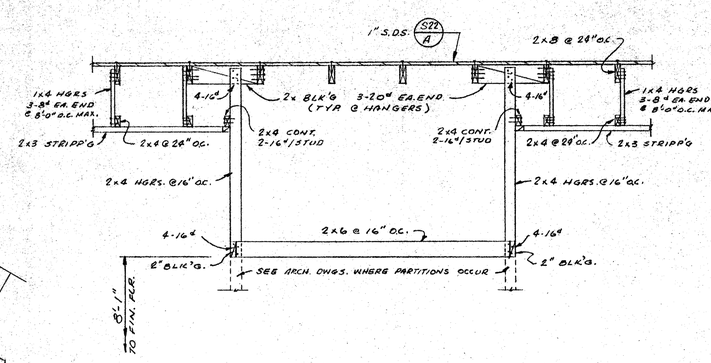
SHEET NO. S21

OF SHEETS

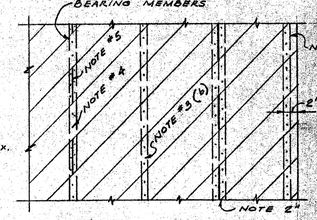


NOTES
1.- SEE SHEET # S-19 FOR FRAMING NOTES
2.- WORK THIS SHEET WITH A-11 & A-32

UNIT "K" ROOF FRAMING PLAN
SCALE 3/8"=1'-0"

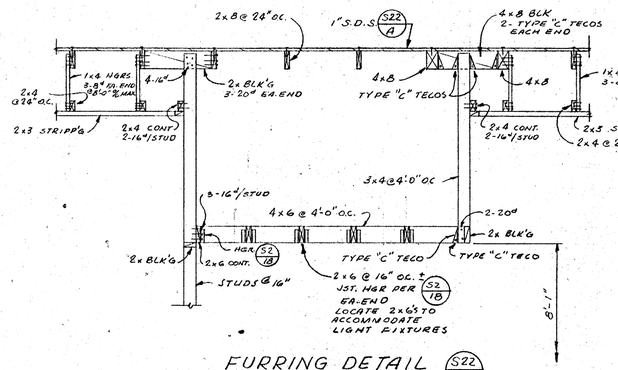


TYPICAL FURRING DETAIL S22/B
SCALE: 1/2"=1'-0"

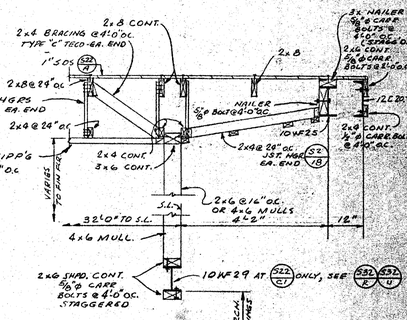


NOTES:
1. SOLID DIAGONAL SHEATHING SHALL BE LAID @ 45°.
2. DOUBLE MEMBERS SHALL BE CONSIDERED SINGLE BEARING.
3. THERE SHALL BE AT LEAST;
   (a) ONE BOARD BETWEEN JOINTS ON SAME BEARING
   (b) TWO BEARINGS BETWEEN JOINTS IN ADJ. BOARDS.
4. 2-8d/BOARD @ EACH INTERMEDIATE BEARING.
5. 3-8d/BOARD @ END OF EACH PIECE.
6. 3-8d/BOARD @ END OF EA. RUN, 2" MIN. EDGE DIST.
7. THE ABOVE NAILING IS FOR 1x6 ONLY. FOR 1x8 ADD 1-8d/BOARD.

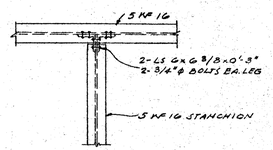
SHEATHING FOR ROOF S22/A3



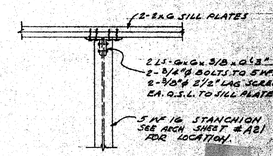
FURRING DETAIL S22/D
SCALE: 1/2"=1'-0"



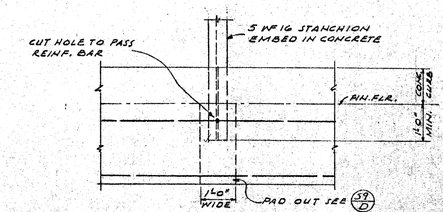
SECTION S22/C S22/C1
SCALE: 1/2"=1'-0"



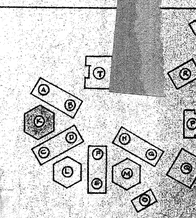
ELEVATION S22/E
SCALE: 1/2"=1'-0"



DETAIL S22/C
SCALE: 1/2"=1'-0"



DETAIL S22/F
SCALE: 1/2"=1'-0"



KEY PLAN
NO SCALE

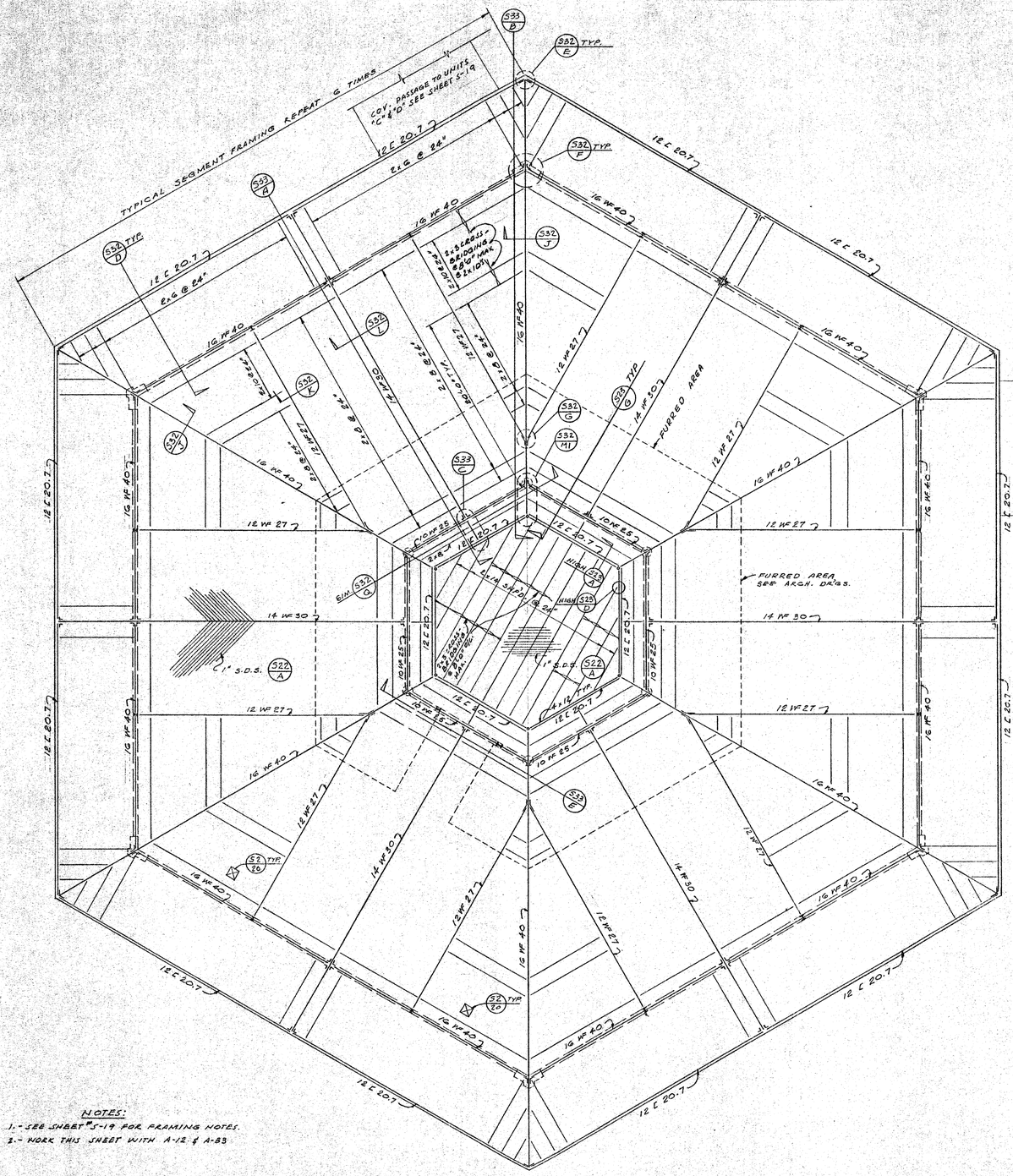
ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 – 1959
By T. Wright Asst.

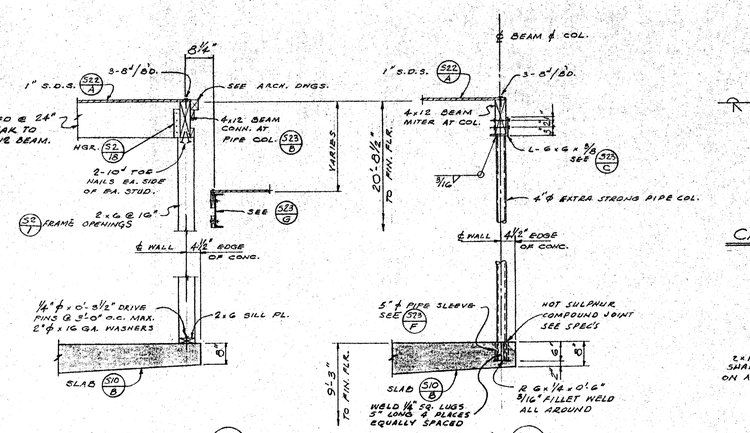
UNIT "K" PLAN SECTION
EL MIRADO HIGH SCHOOL
ENCINITAS UNION HIGH SCHOOL DIST.

DATE 1-59
DR. BY D.N. & C.L.
CHECKED BY S.T.A.
JOB NO. 56-71
SHEET NO. S22
OF SHEETS



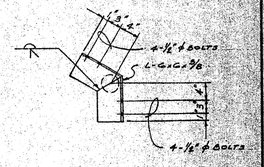
NOTES:
1.- SEE SHEET S-19 FOR FRAMING NOTES.
2.- WORK THIS SHEET WITH A-12 & A-83

UNIT "L" ROOF FRAMING PLAN
1/8" = 1'-0"

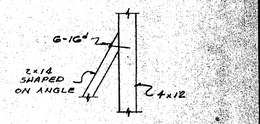


SECTION S23/A
½" = 1'-0"

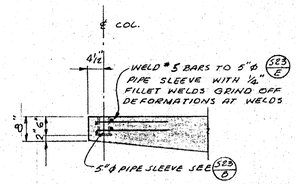
DETAIL S23/B
½" = 1'-0"



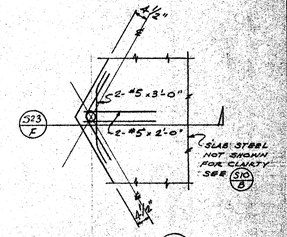
CAP ANGLE S23/C



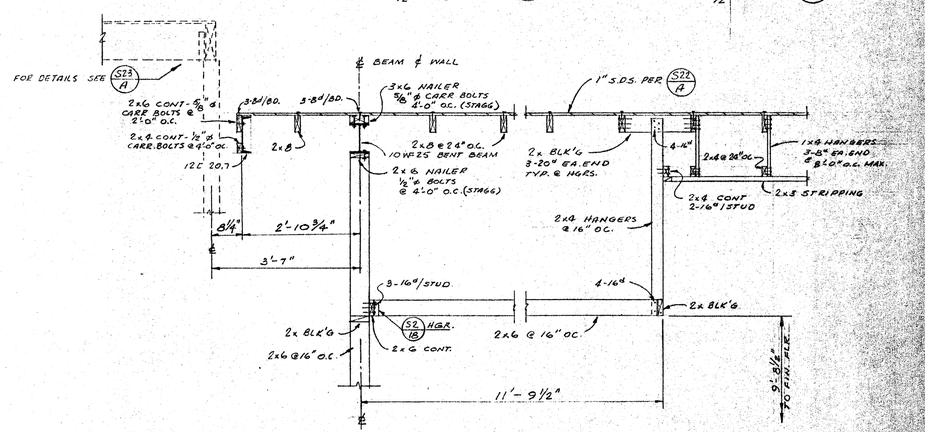
DETAIL S23/D



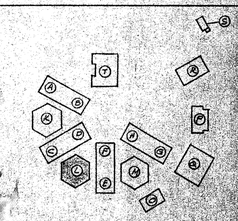
SECTION S23/F
SCALE: ½" = 1'-0"



PLAN S23/E
½" = 1'-0"



SECTION S23/G
SCALE: ½" = 1'-0"



KEY PLAN
NO SCALE

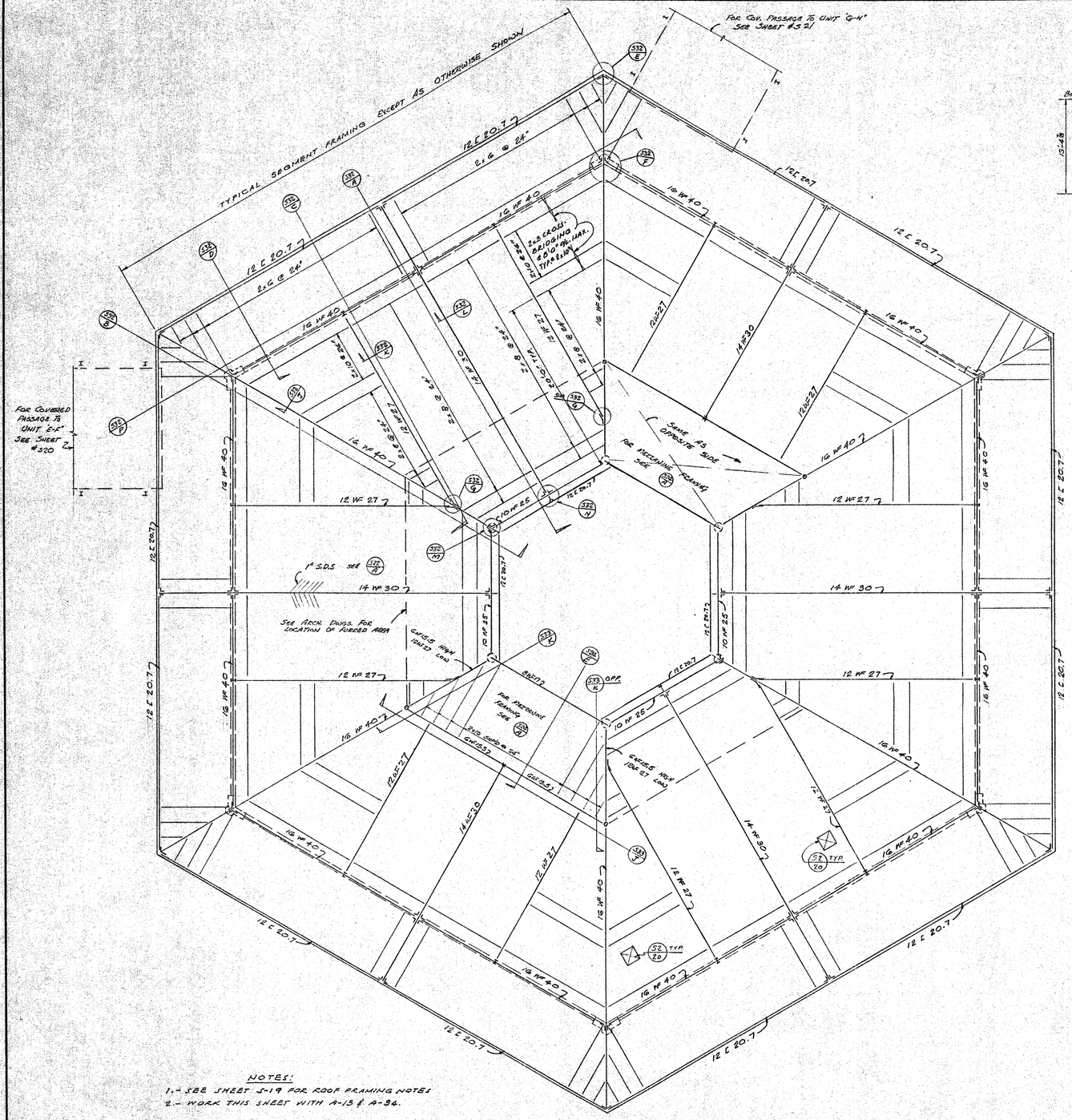
ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 - 1959
APPLICATION NO. By [illegible] PRINCIPAL ARCHITECTURAL ASSISTANT

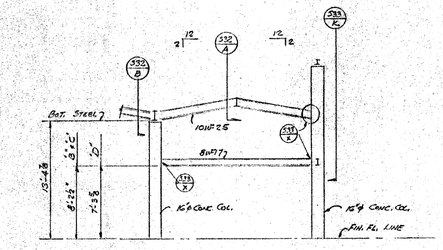
UNIT "L" ROOF FRAMING PLAN & SECTIONS
[illegible] HIGH SCHOOL
[illegible] UNION HIGH SCHOOL DIS[illegible]

DATE	1-59
DR. BY	D.H.&J.
CHECKED BY	S.H.
JOB NO.	56-71
SHEET NO.	S23
OF SHEETS	

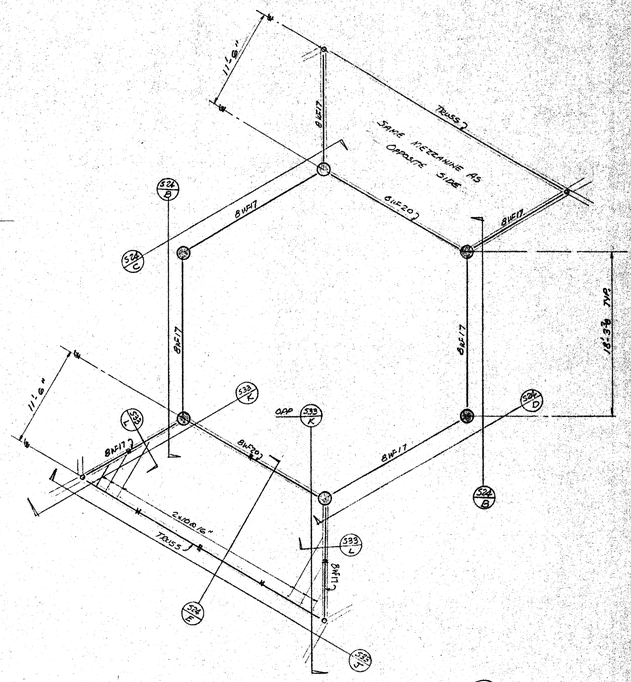


NOTES:
1.- SEE SHEET S-19 FOR ROOF FRAMING NOTES
2.- WORK THIS SHEET WITH A-13 & A-34.

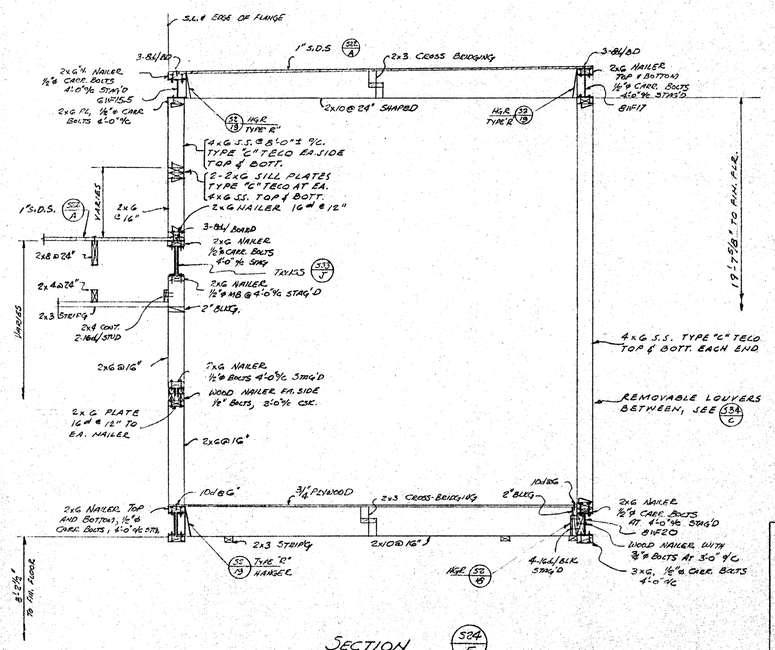
UNIT "M" ROOF FRAMING PLAN
1/8" = 1'-0"



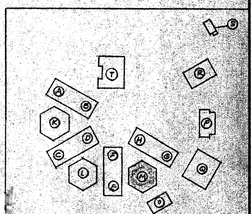
ELEVATION (S24/B) AS SHOWN
ELEVATION (S24/C) OPP. HAND
ELEVATION (S24/D) OPP. HAND & NOTED
SCALE 1/8" = 1'-0"



MEZZANINE FLOOR PLAN (S24/A)
SCALE 1/8" = 1'-0"



SECTION (S24/E)
SCALE 1/2" = 1'-0"

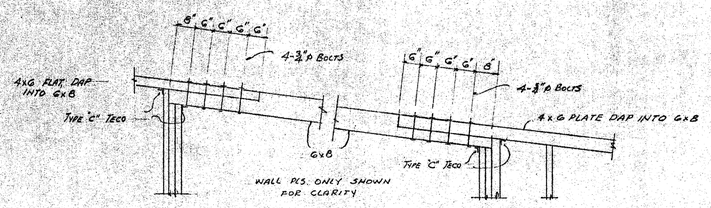


KEY PLAN
NO SCALE

ARCHITECT / STRUCTURAL ENGINEER	MECHANICAL ENGINEER / ELECTRICAL ENGINEER / CIVIL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17833 APPROVED JAN 5 - 1959

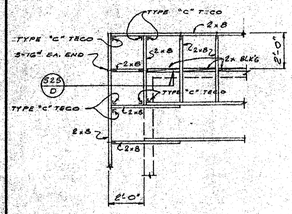
UNIT "M" ROOF PLAN & SECTIONS
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
LA MIRADA, CALIFORNIA

DATE 1-59
DR. BY D.H.
CHECKED BY STA
JOB NO. 56-71
SHEET NO. S24 OF SHEETS

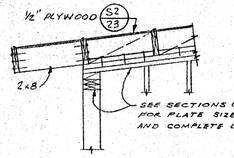


DETAIL (S25/A)
1/2"=1'-0"

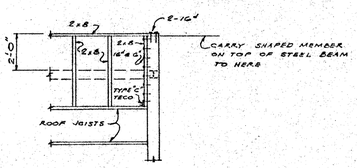
DETAIL (S25/B)
1/2"=1'-0"



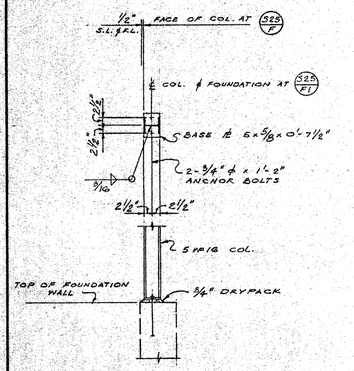
CORNER DETAIL (S25/C)
1/4" = 1'-0"



SECTION (S25/D)
1/2" = 1'-0"

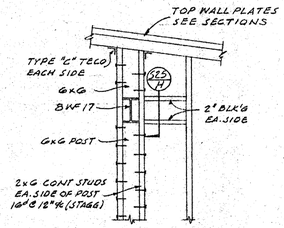


CORNER DETAIL (S25/E)
1/4" = 1'-0"

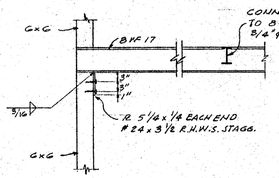


NOTE: SEE FDN. PLAN FOR OTHER BASE REFERENCES

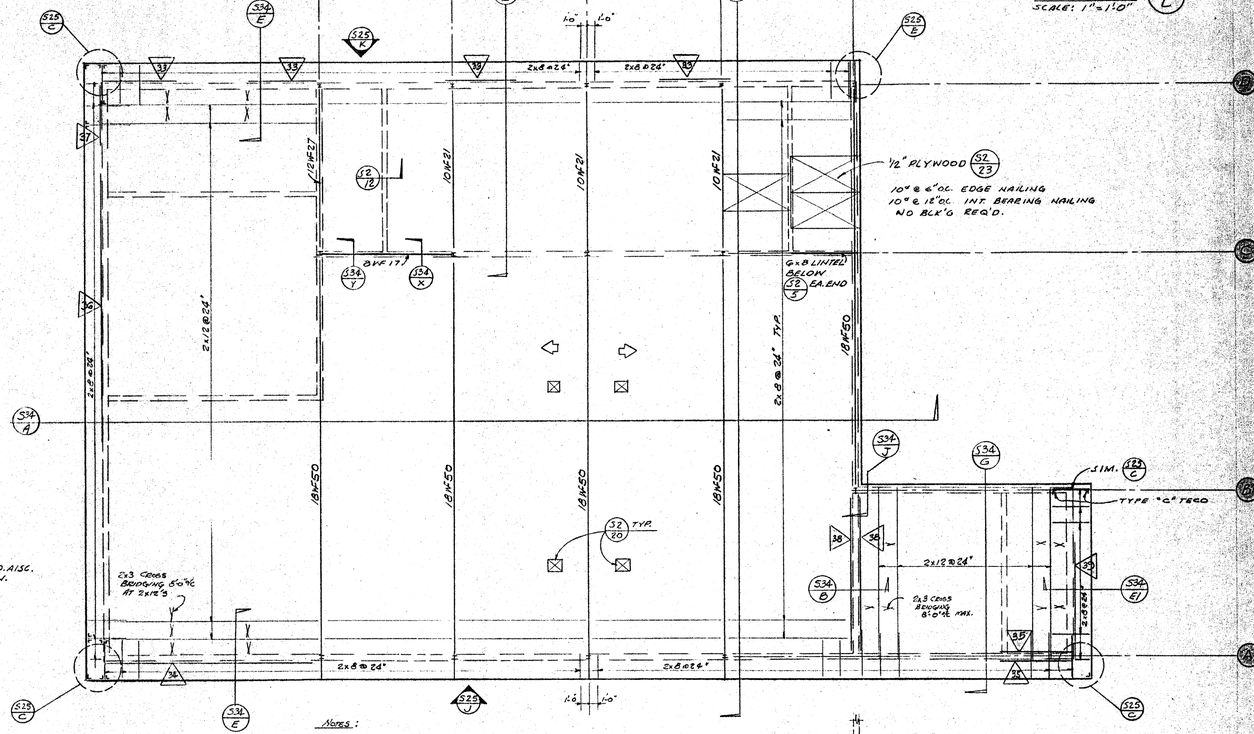
COL. BASE DETAIL (S25/F) (S25/F1)
1/2" = 1'-0"

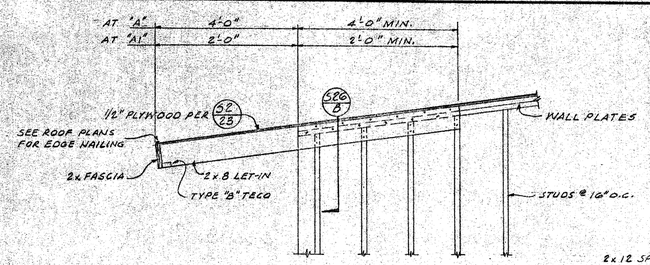


DETAIL (S25/G)
SCALE: 1/2"=1'-0"

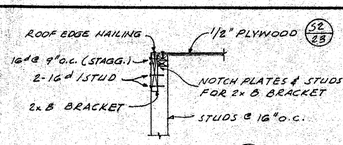


DETAIL (S25/H)
SCALE: 1/2"=1'-0"

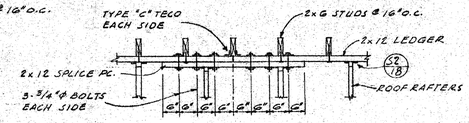

1
2
3
4
5
(S25/C)
(S34/E)
(S34/D)
(S34/C)
(S25/E)
(S25/K)
2x8 @ 24"
2x8 @ 24"
1'-0"
1'-0"
(S2/12)
(S34/T)
(S34/X)
BWF17
12WF21
10WF21
10WF21
12WF21
1/2" PLYWOOD (S2/23)
10" @ 6" OC. EDGE NAILING
10" @ 12" OC. INT. BEARING NAILING
NO BLK'G REQ'D.
GxB LIMITED BELOW EA. END (S2/5)
2x8 @ 24" TYP.
2x12 @ 24"
18WF50
18WF50
18WF50
18WF50
(S34/A)
2x8 @ 24"
2x8 @ 24"
2x8 @ 24"



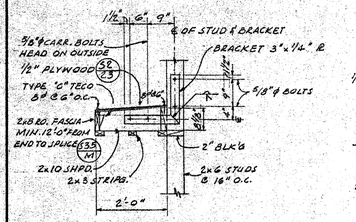
BRACKET DETAIL (S26/A) (S26/A1)
SCALE: 1/2" = 1'-0"



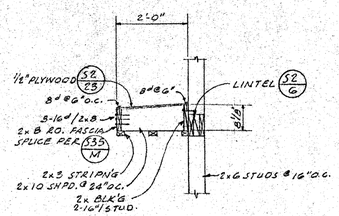
SECTION (S26/B)
SCALE: 1/2" = 1'-0"



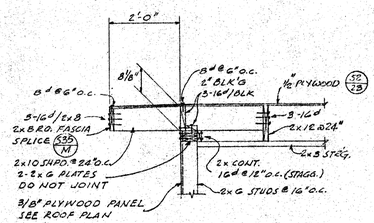
LEDGER SPLICE (S26/C)
SCALE: 1/2" = 1'-0"



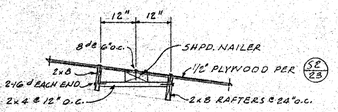
SECTION (S26/D)
SCALE: 1/2" = 1'-0"



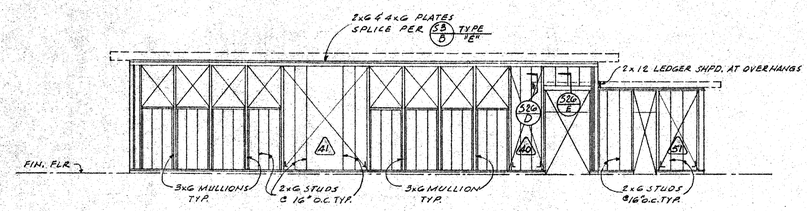
SECTION (S26/E)
SCALE: 1/2" = 1'-0"



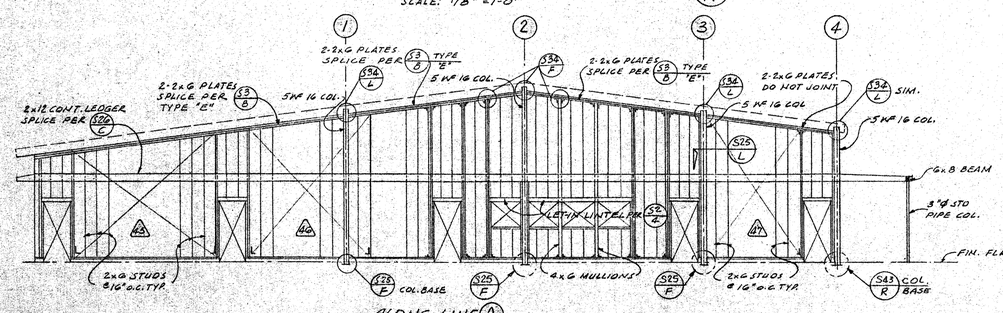
SECTION (S26/F)
SCALE: 1/2" = 1'-0"



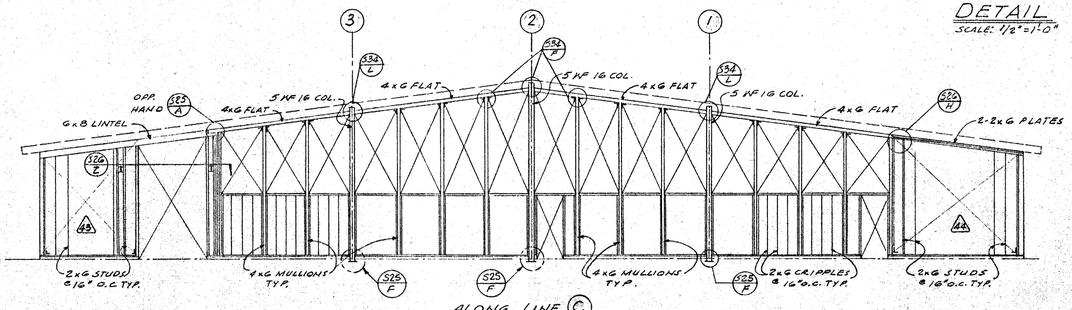
SECTION (S26/G)
SCALE: 1/2" = 1'-0"



NORTH ELEVATION UNIT "P" (S26/W)
SCALE: 1/8" = 1'-0"

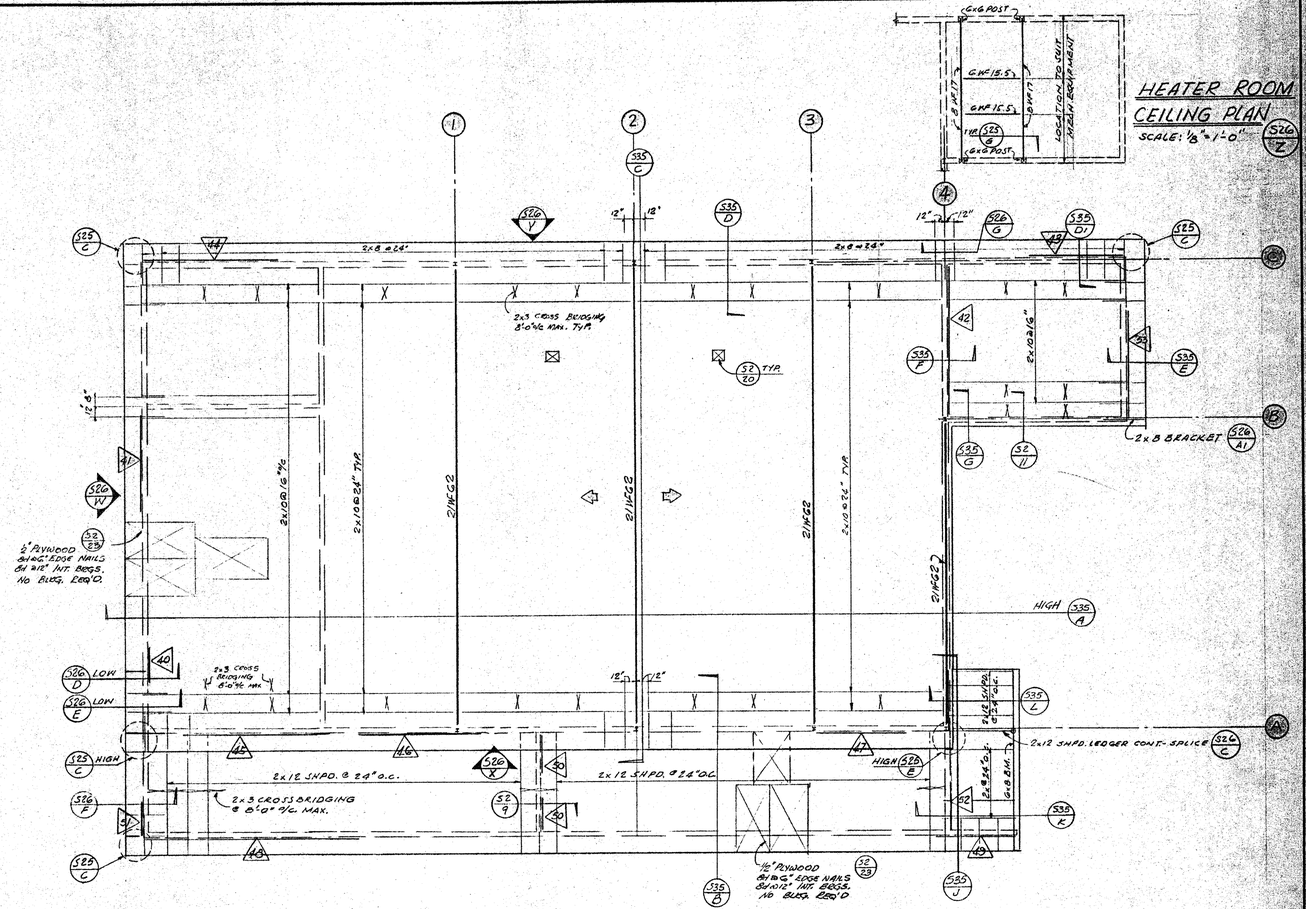


WEST ELEVATION UNIT "P" (S26/X)
ALONG LINE (A)
SCALE: 1/8" = 1'-0"

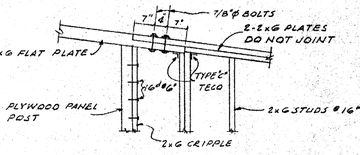


EAST ELEVATION UNIT "P" (S26/Y)
ALONG LINE (C)
SCALE: 1/8" = 1'-0"

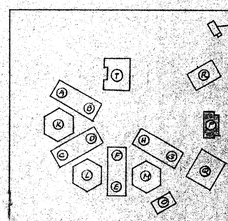
NOTE: THESE ELEVATIONS ARE NOT COMPLETE, BUT ARE USED FOR REFERENCE ONLY. USE DETAILS & SECTIONS CALLED FOR, ALONG FRAMING SHEET # S-2



UNIT "P" ROOF FRAMING PLAN
SCALE 6" = 1'-0"



DETAIL (S26/H)
SCALE: 1/2" = 1'-0"



KEY PLAN
NO SCALE

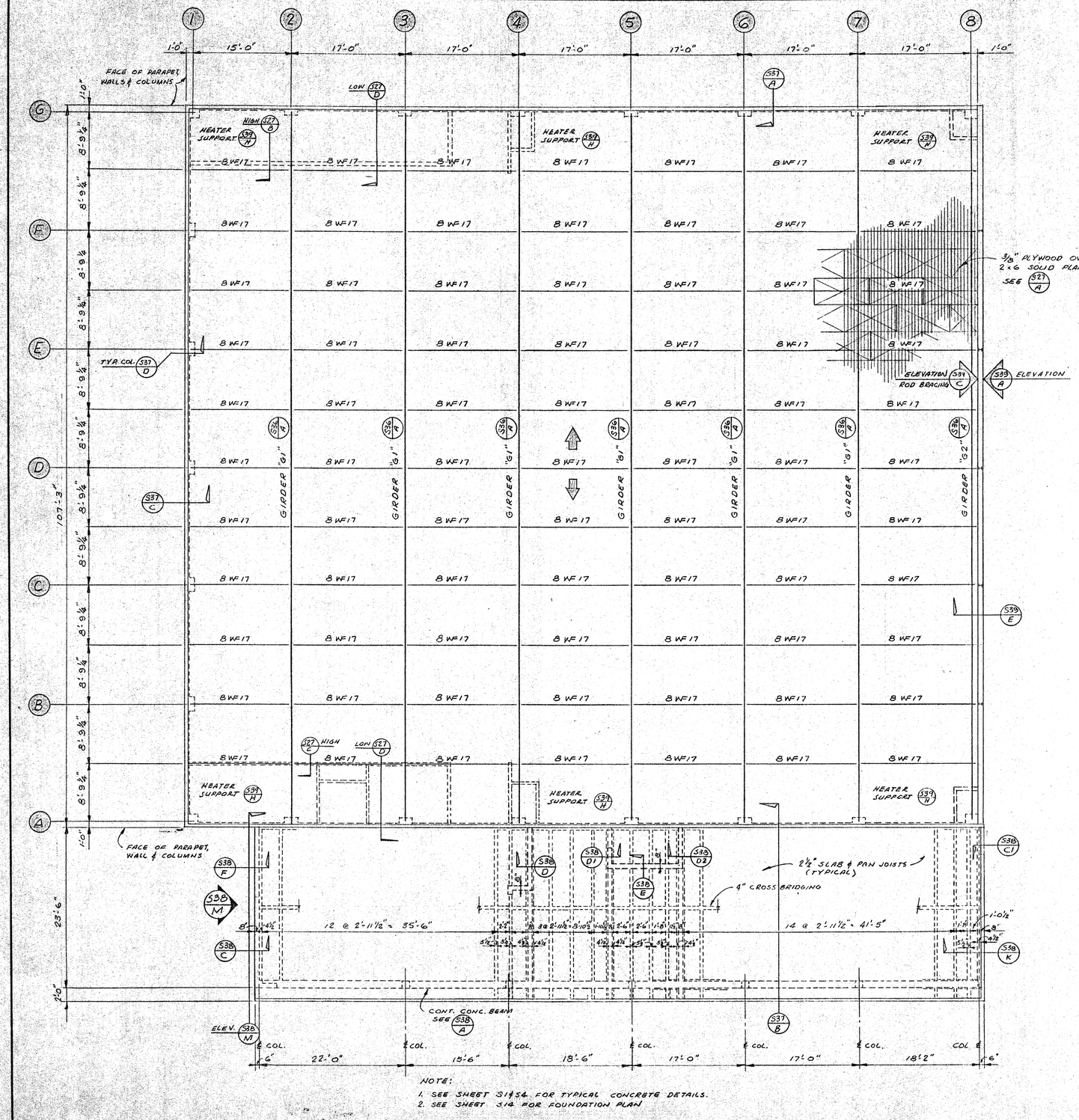
ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 - 1959
By E. Wright

[illegible] THE JOB
DETAILS
[illegible] HIGH SCHOOL
EMPLOYEL UNION HIGH SCHOOL DISTRICT
[illegible]

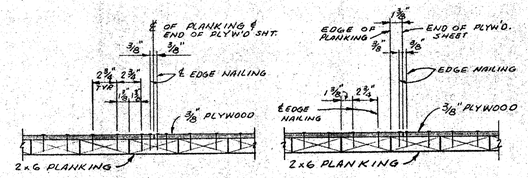
DATE 1-59
DR. BY D.H. & A.O.
CHECKED BY STA
JOB NO. SG-71
SHEET NO. S26
OF SHEETS



NOTE:
1. SEE SHEET S1 & S4 FOR TYPICAL CONCRETE DETAILS.
2. SEE SHEET S14 FOR FOUNDATION PLAN

ROOF FRAMING PLAN UNIT "Q"

SCALE: 1/8" = 1'-0"



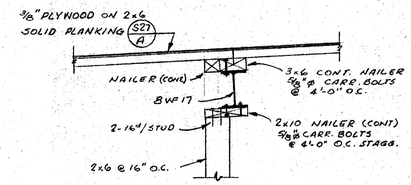
OPTIONAL SPLICE DETAILS FOR PLYWOOD

PLYWOOD ROOF SHEATHING NAILING SCHEDULE			
NAILING		DIRECTION	REMARKS
BOUNDARY	8d @ 3" O.C.	E-W	COL. LINE B
EDGE	8d @ 3" O.C.	E-W	
BOUNDARY	8d @ 2" O.C.	N-S	COL. LINES A, G & I
EDGE	8d @ 2¾" O.C.	N-S	
INTERMEDIATE	8d @ 12" O.C. MAX	TYPICAL	

USE 8d SPECIAL PLYWOOD NAILS 1⅞" LONG

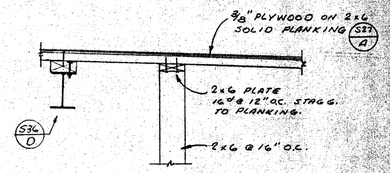
TYPICAL DETAILS FOR PLYWOOD ROOF DIAPHRAGM (S27 A)

SCALE: 1½" = 1'-0"



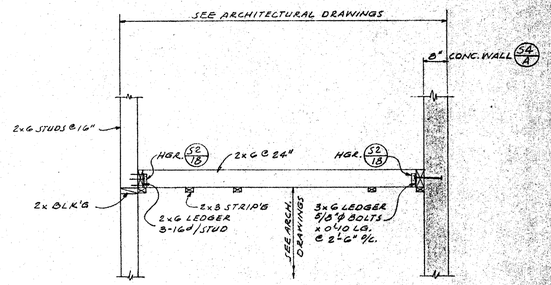
SECTION (S27 C)

SCALE: 3/4" = 1'-0"



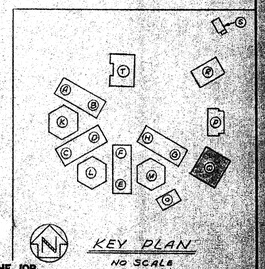
SECTION (S27 B)

SCALE: 3/4" = 1'-0"



SECTION (S27 D)

SCALE: 1/2" = 1'-0"



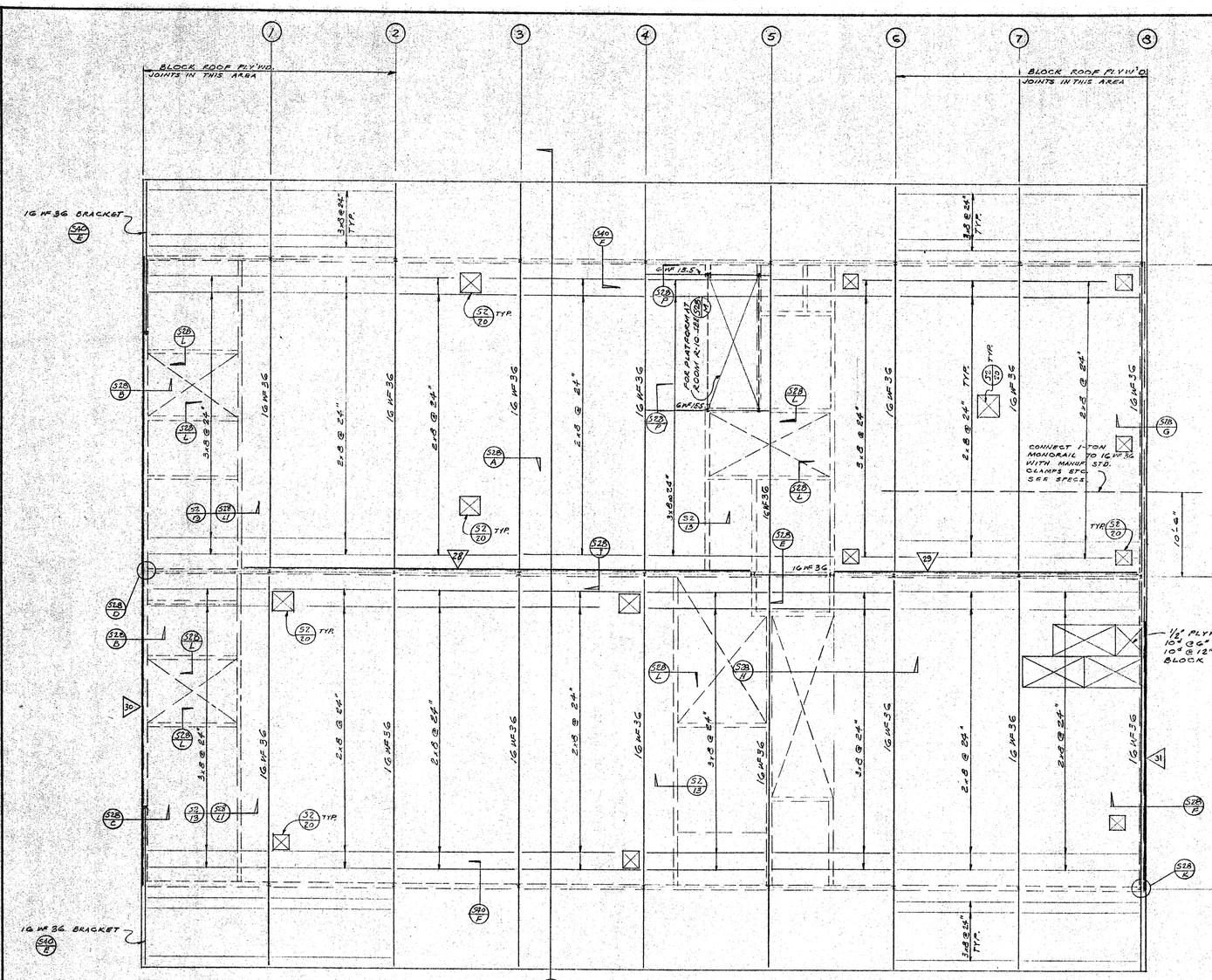
KEY PLAN
NO SCALE

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
	CIVIL ENGINEER	ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 - 1959
Per E. Mangan

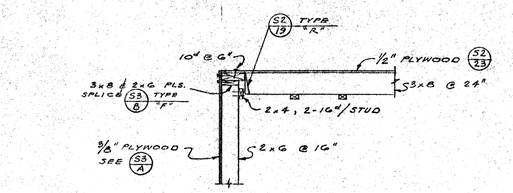
CONTRACTOR TO [illegible] AT THE JOB
UNIT "Q" ROOF PLAN & SECTIONS
[illegible] HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
[illegible] CALIFORNIA

DATE 1-59
DR. BY GCJ
CHECKED BY STA
JOB NO. 56-71
SHEET NO. S27
OF SHEETS

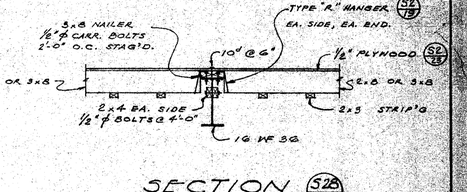


UNIT "R" ROOF FRAMING PLAN

SCALE 1/8" = 1'-0"



SECTION S28 B
1/2" = 1'-0"



SECTION S28 A
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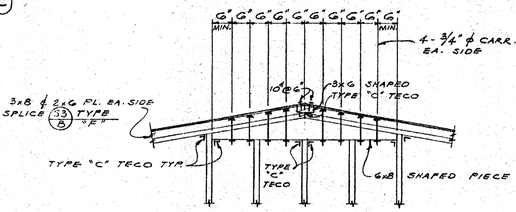

SECTION S28 D
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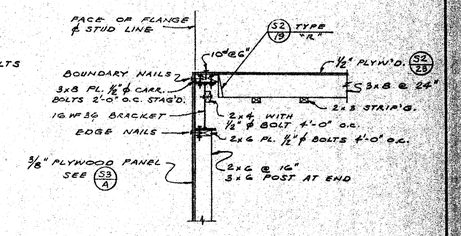

SECTION S28 C
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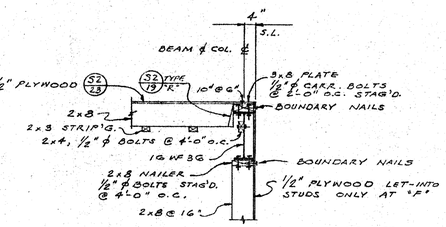
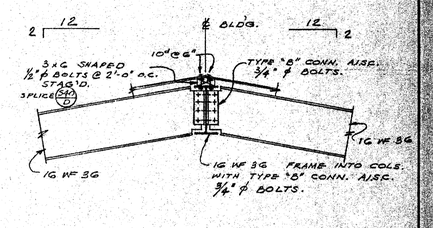
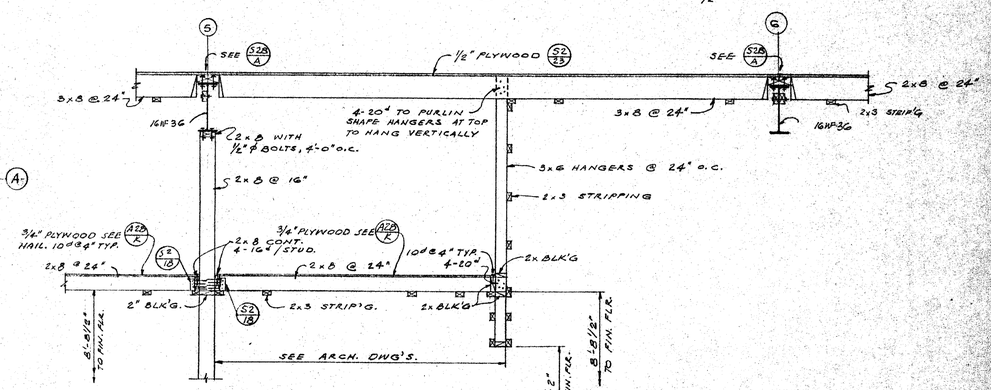


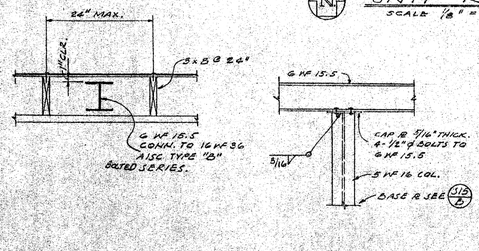
SECTION S28 F S28 G
1/2" = 1'-0"



SECTION S28 E
1/2" = 1'-0"

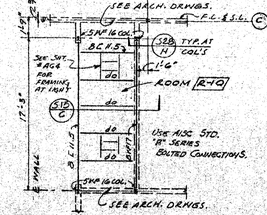


SECTION S28 H
1/2" = 1'-0"

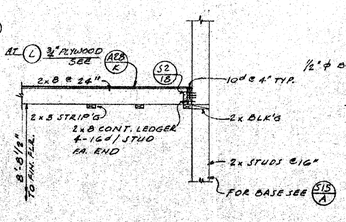


SECTION S28 P
SCALE: 3/4" = 1'-0"

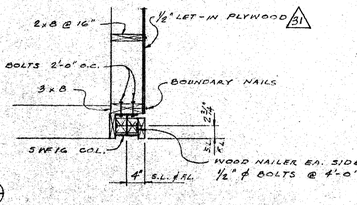
SECTION S28 N
SCALE: 3/4" = 1'-0"



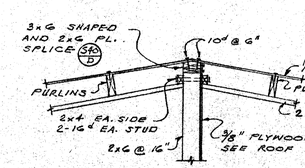
STORAGE PLATFORM S28 M
SCALE: 1/8" = 1'-0"



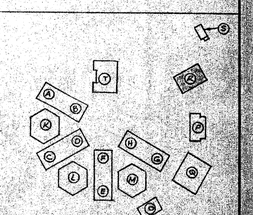
SECTION S28 L S28 L1
SCALE: 1/2" = 1'-0"



DETAIL S28 K
3/4" = 1'-0"



SECTION S28 J
1/2" = 1'-0"



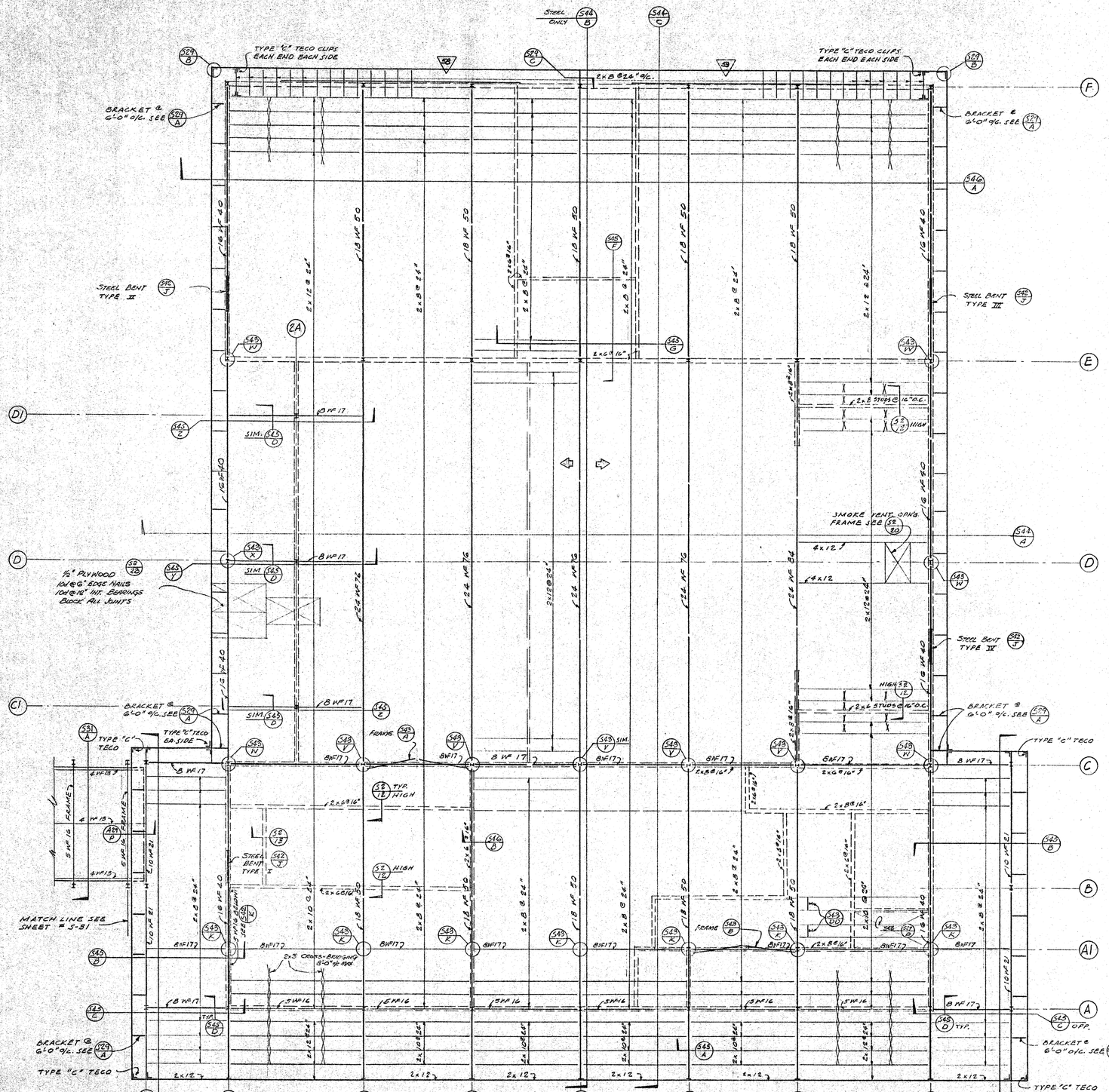
ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

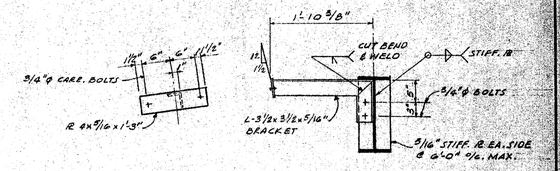
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
12383 APPROVED JAN 5 - 1959
Application No. Per

CONSTRUCTED TO ... AT THE JOB
UNIT R.I. ROOF PLAN & SECTIONS
... HIGH SCHOOL
... UNION HIGH SCHOOL DISTRICT
... CALIFORNIA

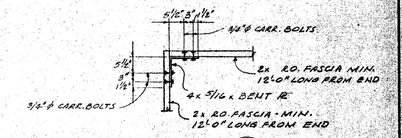
DATE 1-59
DR. BY DFH
CHECKED BY STA
JOB NO. 56-71
SHEET NO. S28
OF SHEETS



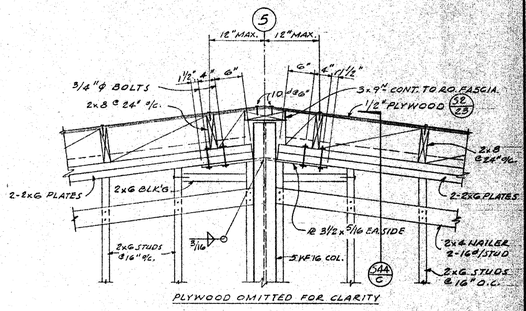
UNIT "T" ROOF FRAMING PLAN
SCALE 1/8" = 1'-0"



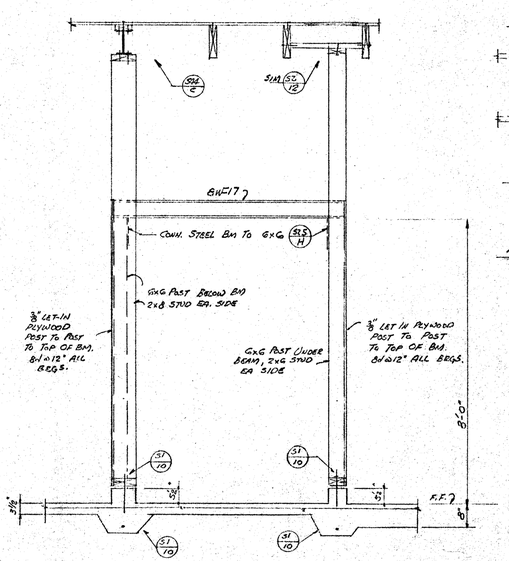
BRACKET DETAILS (S29/A)
SCALE: 3/4" = 1'-0"



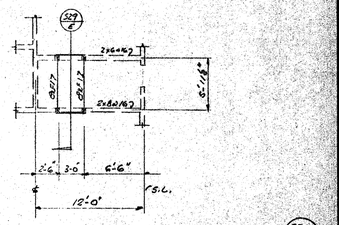
DETAIL (S29/B)
SCALE: 1/2" = 1'-0"



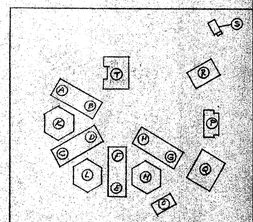
SECTION (S29/C)
SCALE: 3/4" = 1'-0"



SECTION (S29/E)
1/2" = 1'-0"



PLAN OF SUPPORTS RM T-14 (S29/D)
SCALE 1/8" = 1'-0"



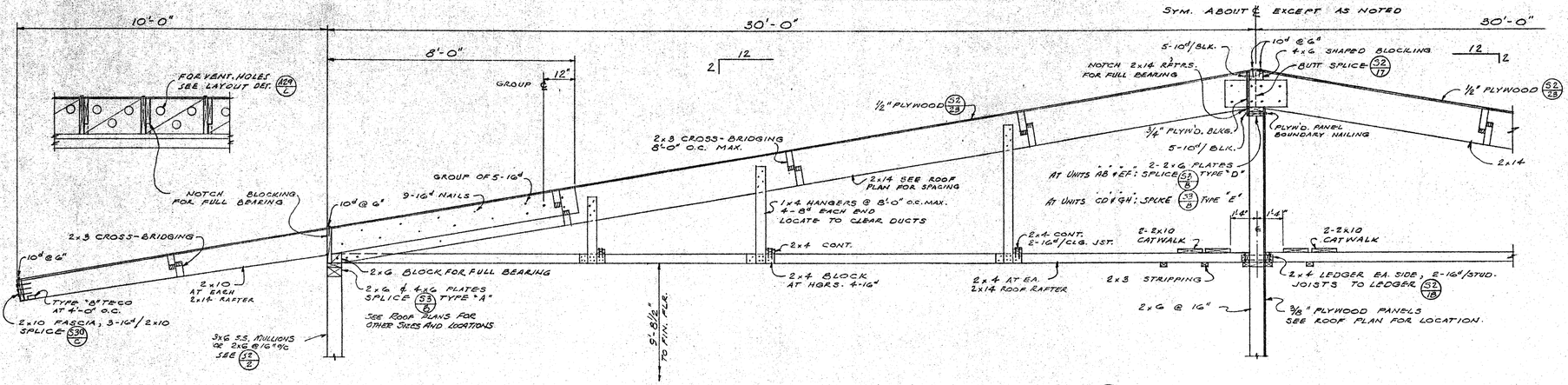
KEY PLAN
NO SCALE

NOTES:
1- SEE SHEET # 319 FOR FRAMING NOTES
2- SEE SHEET # 42 & 43 FOR FRAME DETAILS.

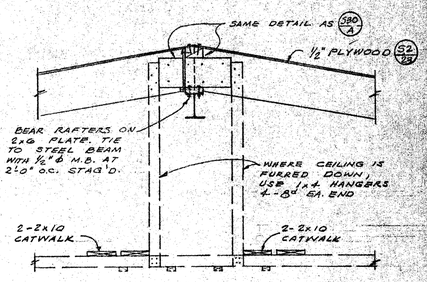
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT / STRUCTURAL ENGINEER	MECHANICAL ENGINEER / ELECTRICAL ENGINEER / CIVIL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA – DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17833 APPROVED JAN 5 - 1959 BY	UNIT "T" ROOF PLAN & SECTIONS LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT CALIFORNIA	DATE 1-59 DR. BY A.E.O. CHECKED BY SJA JOB NO. 56-71

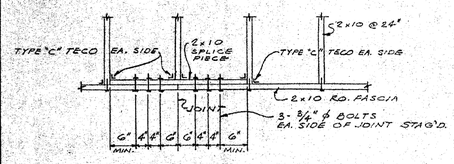
SHEET NO. S29 OF SHEETS



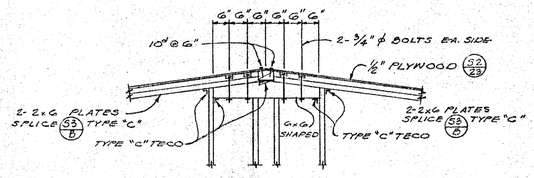
TYPICAL SECTION S30/A
SCALE 1/2" = 1'-0"



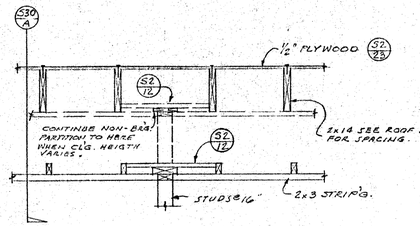
SECTION S30/B
1/2" = 1'-0"



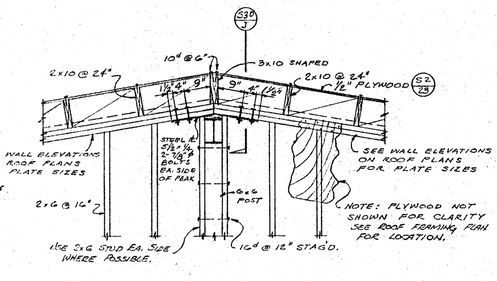
RO. FASCIA DETAIL S30/C
1/2" = 1'-0"



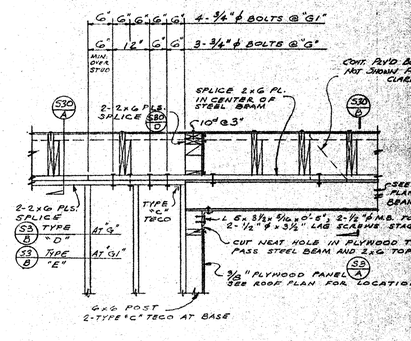
DETAIL S30/D
1/2" = 1'-0"



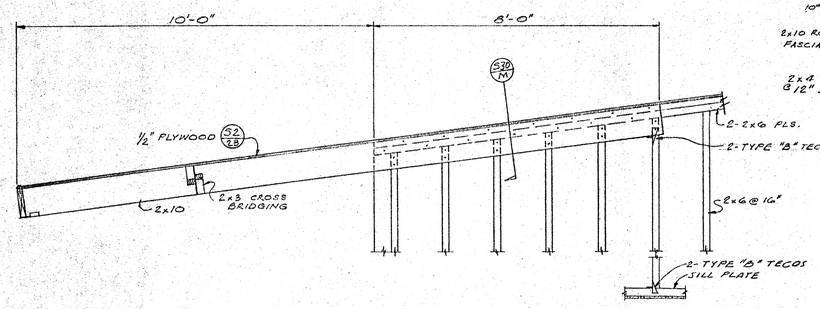
SECTION S30/E
1/2" = 1'-0"



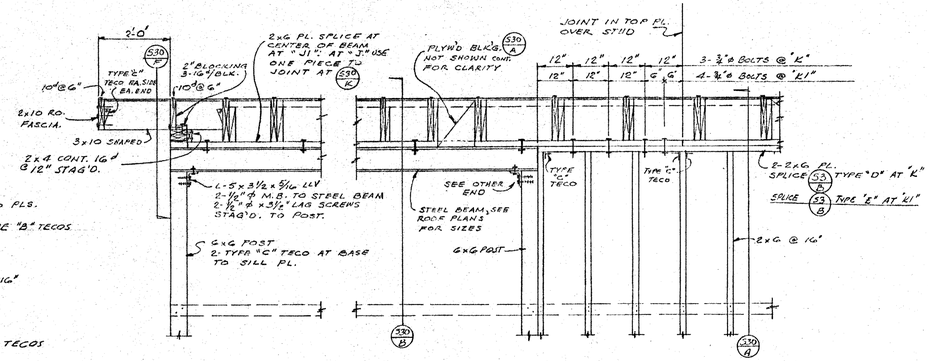
SECTION S30/F
1/2" = 1'-0"



SECTIONS S30/G S30/G1
1/2" = 1'-0"

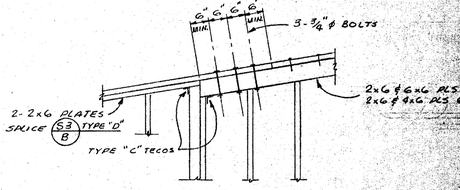


OVERHANG DETAIL S30/H
1/2" = 1'-0"

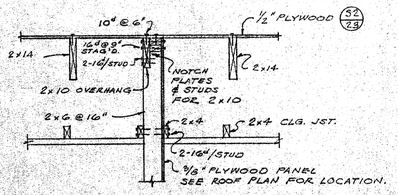


SECTION S30/J AS SHOWN AND NOTED; S30/J1 OPP HAND AND NOTED
SCALE: 1/2" = 1'-0"

SECTION S30/K S30/K1
SCALE: 1/2" = 1'-0"



WALL PLATE SPLICE S30/L S30/L1
SCALE: 1/2" = 1'-0"



SECTION S30/M
1/2" = 1'-0"

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

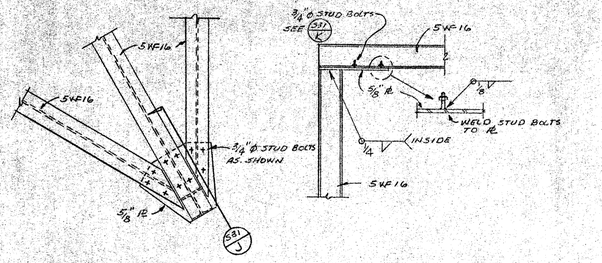
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 - 1959
By E. Maag

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB SITE BEFORE ORDERING MATERIAL OR FABRICATING UNITS AB, CD, EF, GH

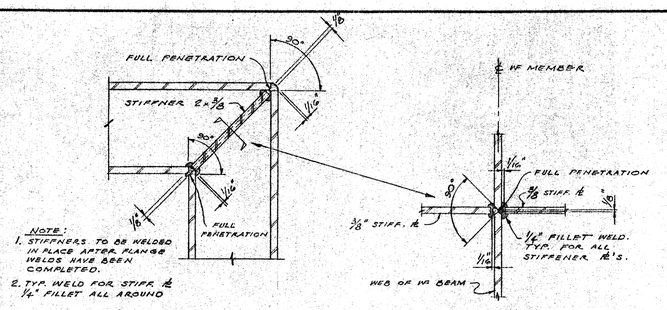
J. MILLIKEN HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

DATE 1-59
DR. BY DEH
CHECKED BY STH
JOB NO. 56-71
SHEET NO. S30
OF SHEETS

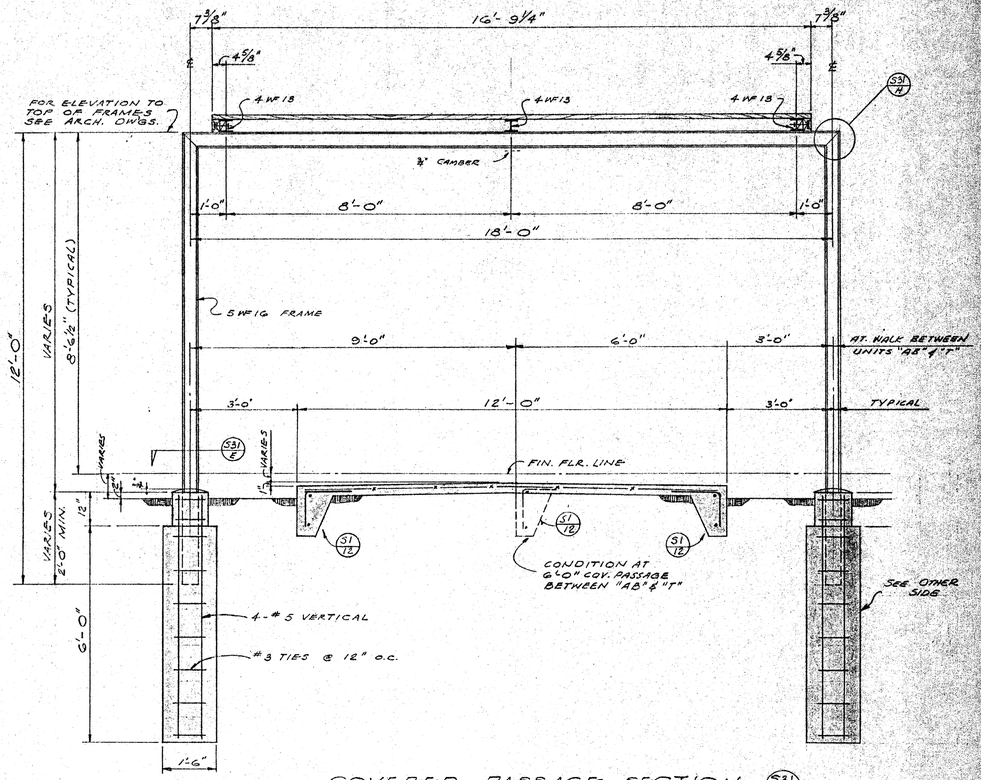


PLAN DETAIL (S31 K)
SCALE: 3/4" = 1'-0"

SECTION (S31 J)
SCALE: 3/4" = 1'-0"

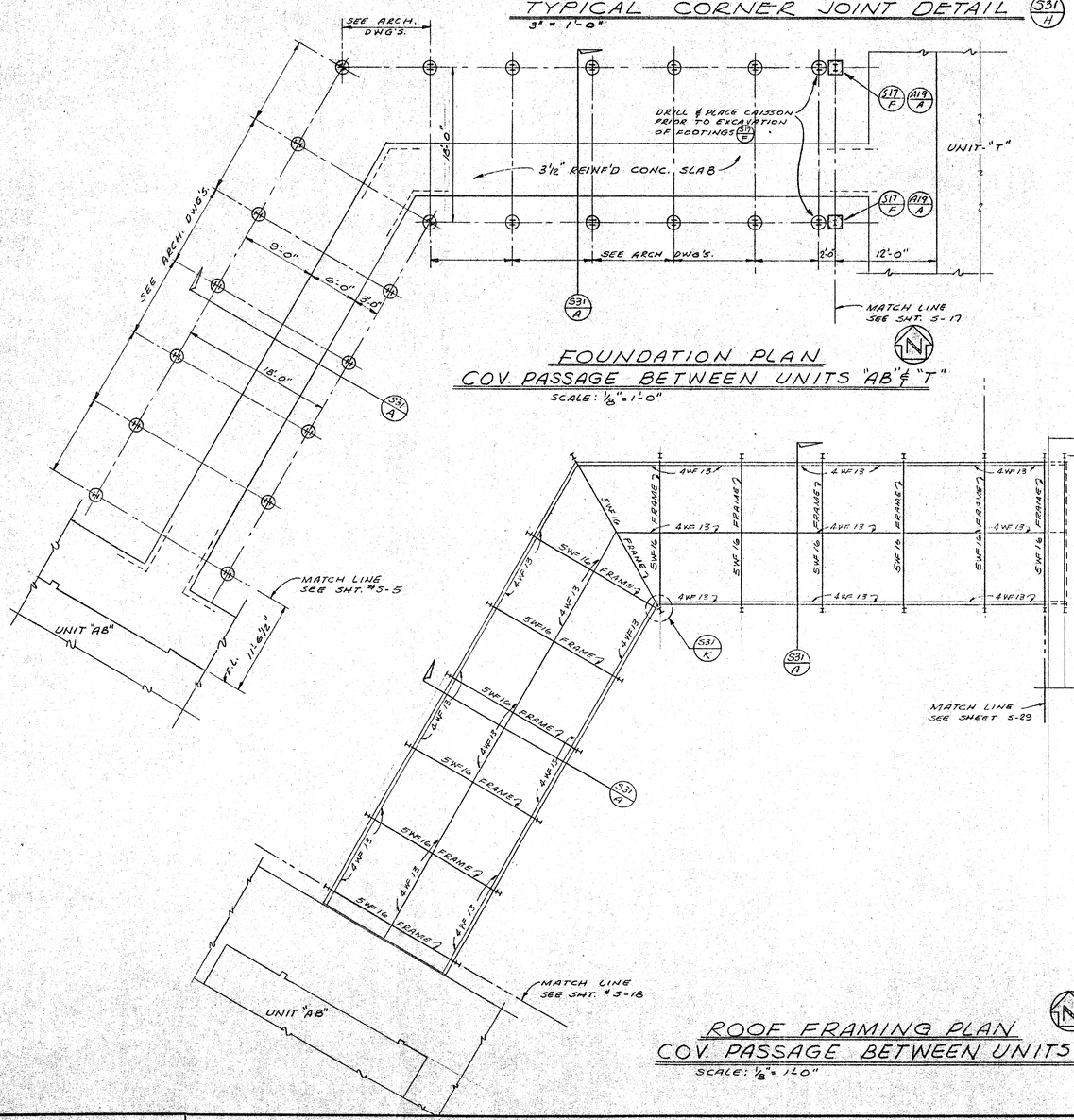


TYPICAL STIFFENER PL WELD TO WF FRAME
3" = 1'-0"



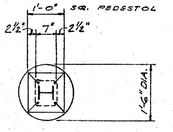
COVERED PASSAGE SECTION (S31 A)
1/2" = 1'-0"

TYPICAL CORNER JOINT DETAIL (S31 H)
3" = 1'-0"

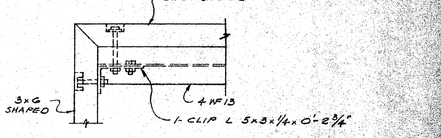


FOUNDATION PLAN
COV. PASSAGE BETWEEN UNITS "AB" & "T"
SCALE: 1/8" = 1'-0"

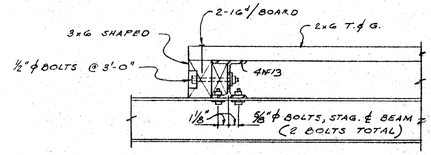
ROOF FRAMING PLAN
COV. PASSAGE BETWEEN UNITS - "AB" & "T"
SCALE: 1/8" = 1'-0"



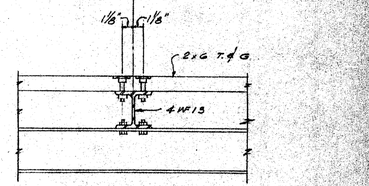
PLAN (S31 E)
1/2" = 1'-0"



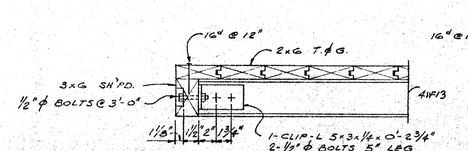
CORNER DETAIL (S31 B)
1/2" = 1'-0"



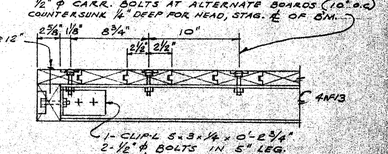
DETAIL EDGE BEAM (S31 F)
1/2" = 1'-0"



DETAIL AT CENTER B'M. (S31 C)
1/2" = 1'-0"



DETAILED END, EDGE B'M. (S31 G)
1/2" = 1'-0"



DETAILED END CENTER B'M. (S31 D)
1/2" = 1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

DETAILS & SECTIONS

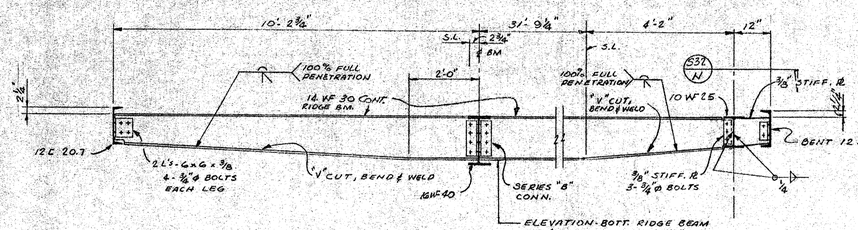
MILLIKAN HIGH SCHOOL
PASADENA UNION HIGH SCHOOL DISTRICT
CALIFORNIA

DATE 1-59
DR. BY D.F.H. & G.
CHECKED BY STA
JOB NO. SC-71
SHEET NO. S31
OF SHEETS

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED JAN 5 - 19[illegible]
BY [illegible]

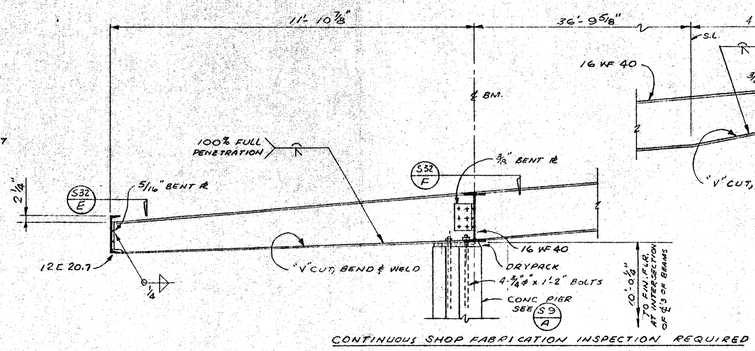
ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA



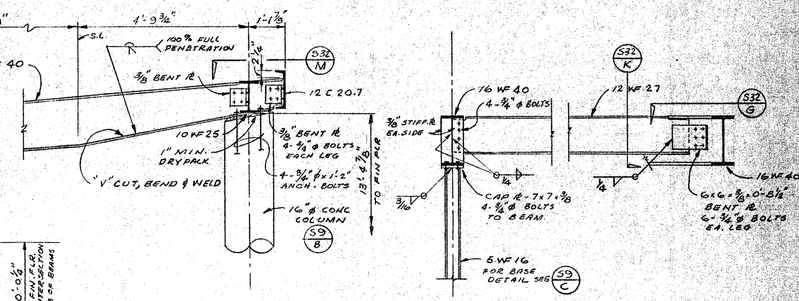
CONTINUOUS SHOP FABRICATION INSPECTION REQUIRED ON ALL STRUCTURAL STEEL

SECTION S32/A
SCALE: ½"=1'-0"

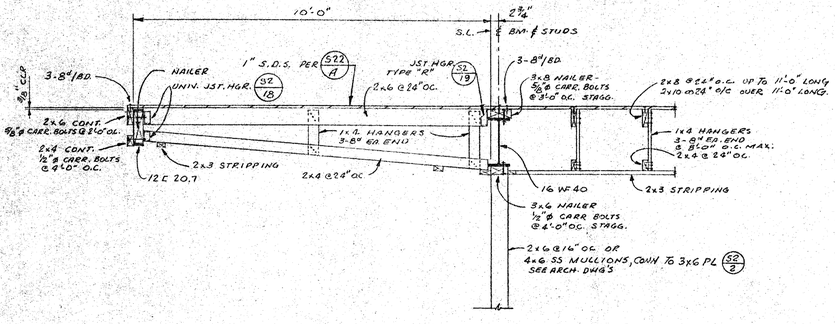


CONTINUOUS SHOP FABRICATION INSPECTION REQUIRED

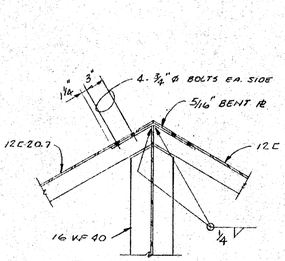
SECTION S32/B
SCALE: ½"=1'-0"



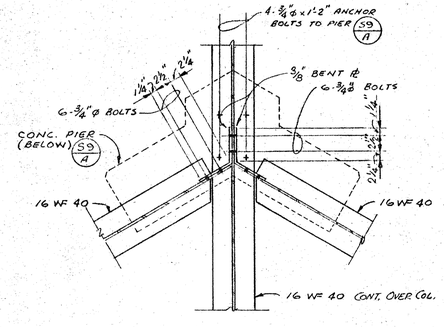
SECTION S32/C
SCALE: ½"=1'-0"



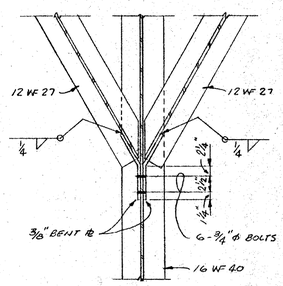
SECTION S32/D
SCALE: ½"=1'-0"



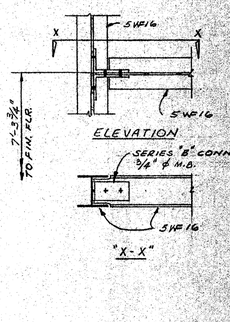
DETAIL S32/E
SCALE: 1"=1'-0"



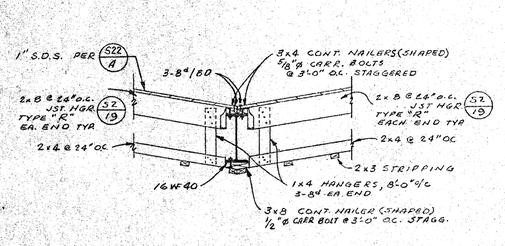
DETAIL S32/F
SCALE: 1"=1'-0"



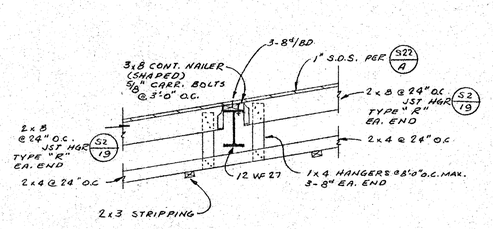
DETAIL S32/G
SCALE: 1"=1'-0"



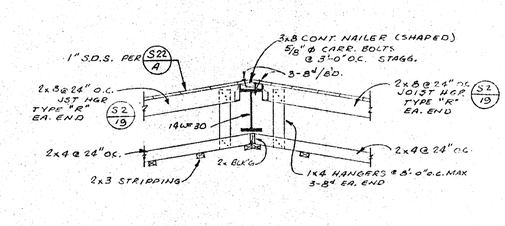
DETAIL S32/H
SCALE: 1"=1'-0"



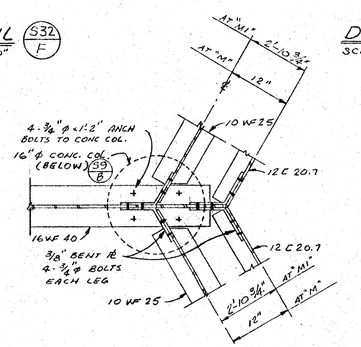
SECTION S32/J
SCALE: ½"=1'-0"



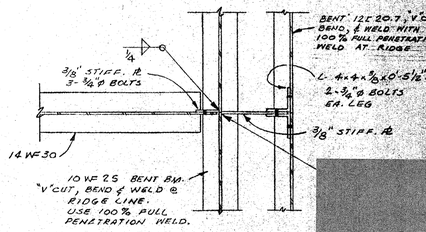
SECTION S32/K
SCALE: ½"=1'-0"



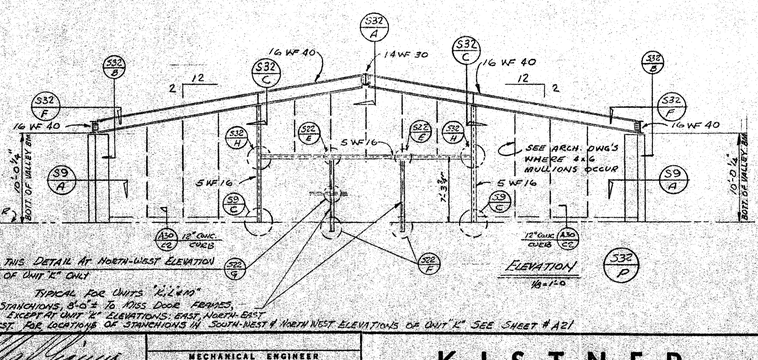
SECTION S32/L
SCALE: ½"=1'-0"



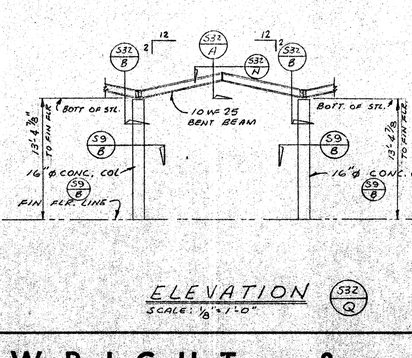
DETAIL S32/M S32/M1
SCALE: 1"=1'-0"



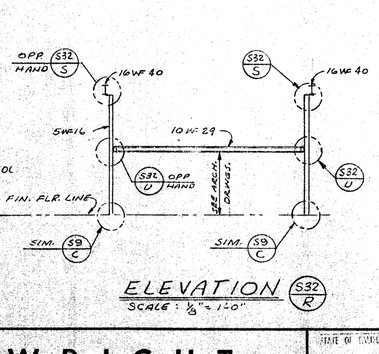
DETAIL S32/N
SCALE: 1"=1'-0"



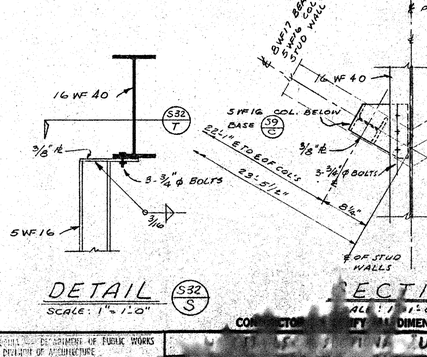
SECTION S32/P



ELEVATION S32/Q
SCALE: ⅛"=1'-0"



ELEVATION S32/R
SCALE: ⅛"=1'-0"



DETAIL S32/S
SCALE: 1"=1'-0"

SECTION S32/T
SCALE: 1"=1'-0"

DETAIL S32/U
SCALE: 1"=1'-0"

CONNECTORS SHOWN ON PLAN AND DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 — [illegible]

UNIT KLM

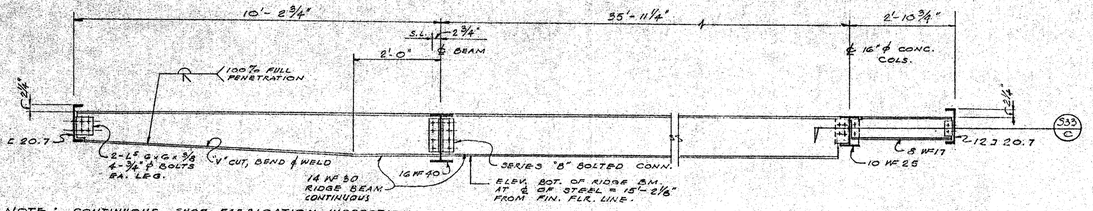
[illegible] HIGH SCHOOL

[illegible] UNION HIGH SCHOOL DISTRICT

CALIFORNIA

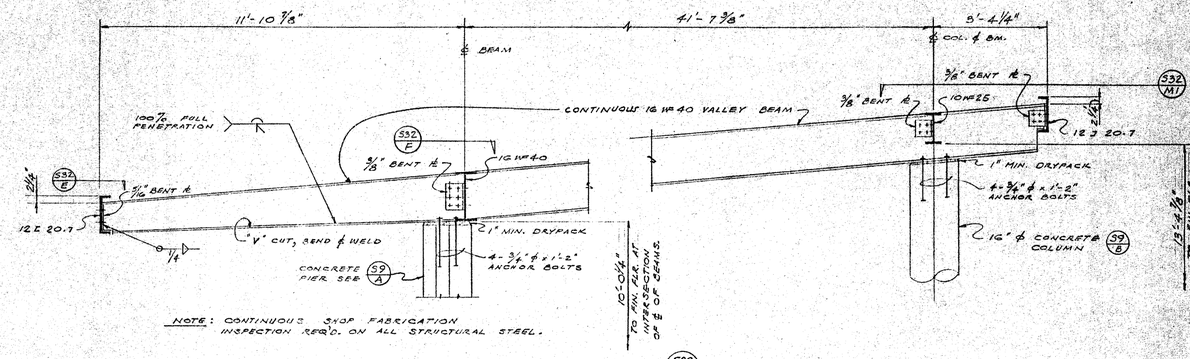
DATE 1-59
DR. BY GCJ
CHECKED BY STA
JOB NO. SC-71

SHEET NO. S32 OF SHEETS



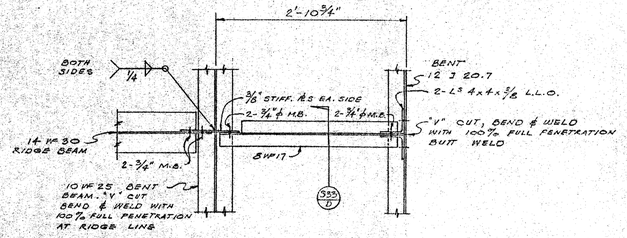
NOTE: CONTINUOUS SHOP FABRICATION INSPECTION REQUIRED ON ALL STRUCTURAL STEEL.

SECTION 533/A — UNIT 'L'
SCALE 1/2" = 1'-0"

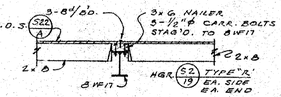


NOTE: CONTINUOUS SHOP FABRICATION INSPECTION REQ'D. ON ALL STRUCTURAL STEEL.

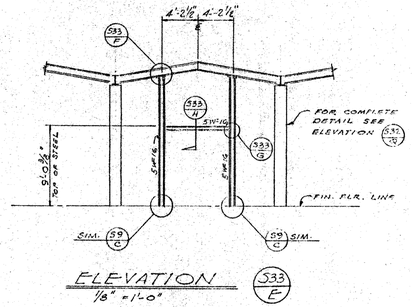
SECTION 533/B — UNIT "L"
SCALE 1/8" = 1'-0"



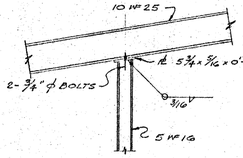
SECTION 533/C
1" = 1'-0"



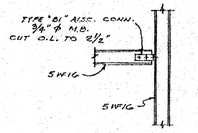
SECTION 533/D
1/2" = 1'-0"



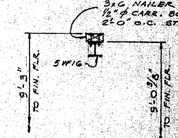
ELEVATION 533/E
1/8" = 1'-0"



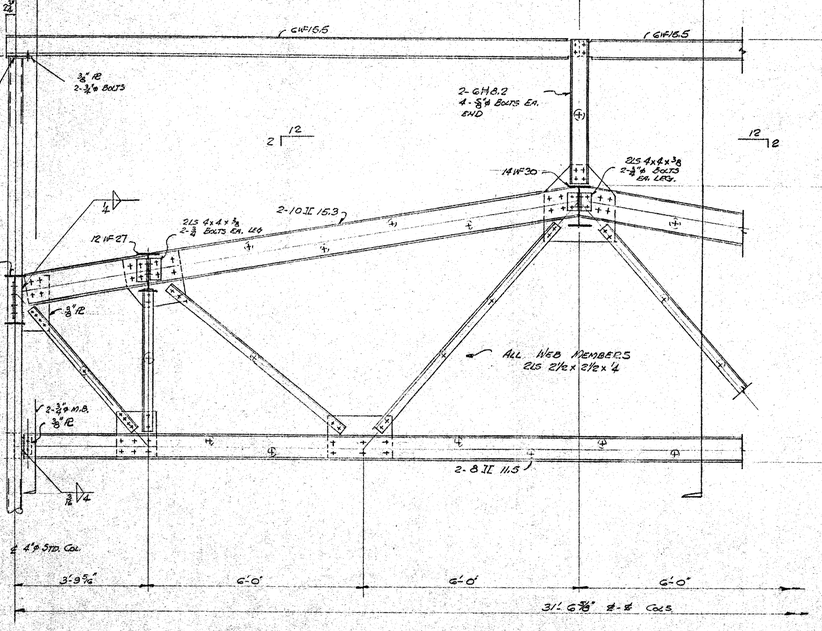
DETAIL 533/F
1/2" = 1'-0"



DETAIL 533/G
1/2" = 1'-0"

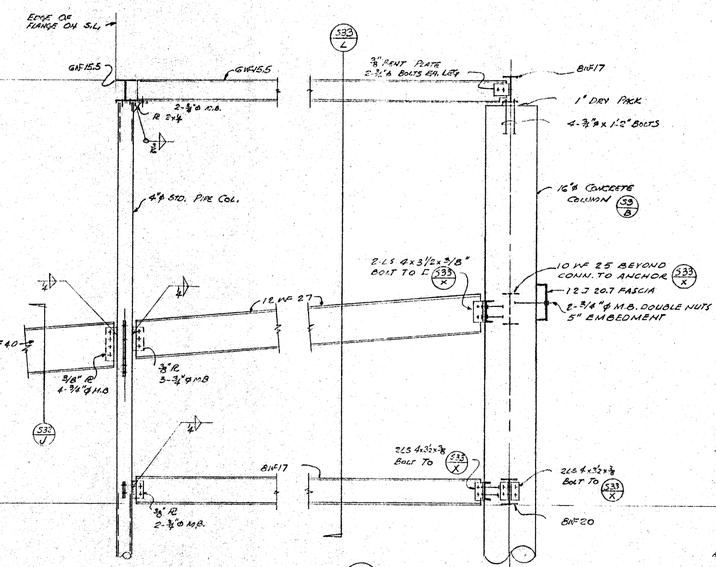


SECTION 533/H
1/2" = 1'-0"

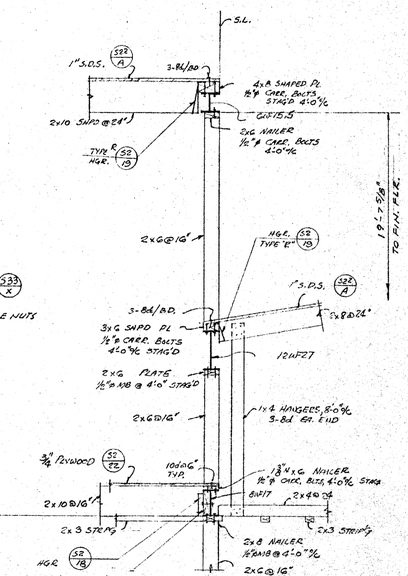


Truss Notes
1- Continuous Shop Fabrication Inspection Required.
2- All Gusset PLS, 3/8" Thick.
3- Use 3/8" Washers as Spacers, 2'-0 9/16" Max. (Stitch 3/4" ϕ M.B.)
4- All Connections with 3/4" ϕ Unfinished Machine Bolts.

SECTION 533/J
No Scale

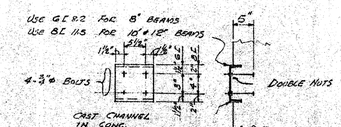


SECTION 533/K
SCALE 1/2" = 1'-0"



SECTION 533/L
SCALE 1/2" = 1'-0"

Use G.E.B.2 for 8" Beams
Use B.L. 11.5 for 12" & 14" Beams



ANCHOR 533/X

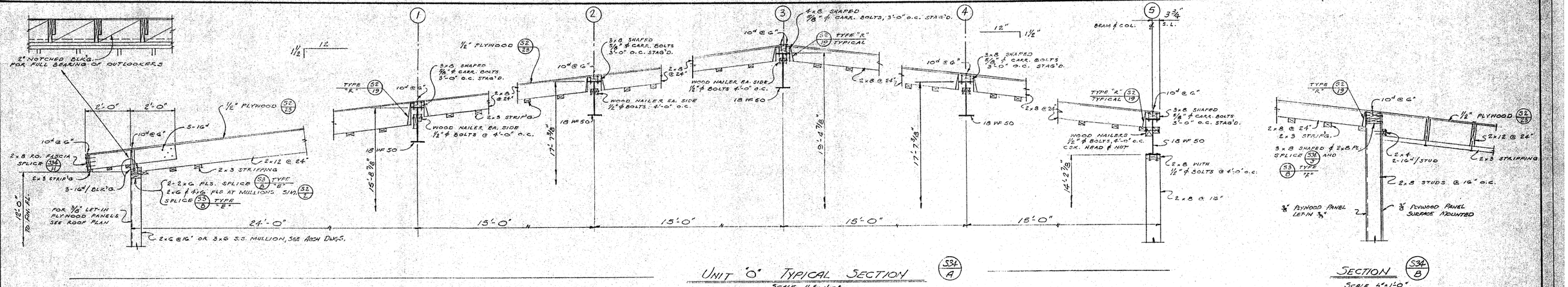
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB
UNIT 'L' DETAILS & SECTIONS
MIRANDA HIGH SCHOOL
SWEETWATER UNION HIGH SCHOOL DISTRICT
NATIONAL CITY, CALIFORNIA

DATE	1-59
DR. BY	D.H.
CHECKED BY	S.T.H.
JOB NO.	SC-71
SHEET NO.	S33
OF SHEETS	

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
17653 APPROVED JAN 5 19[illegible]

ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

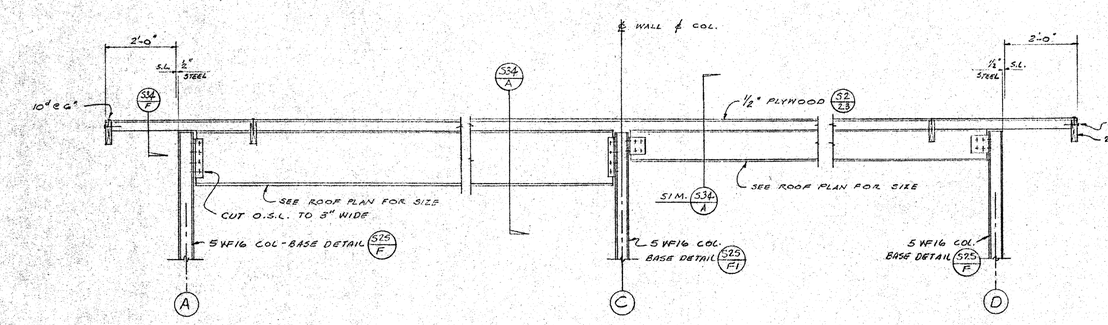


UNIT "O" TYPICAL SECTION S34/A

SCALE 1/2"=1'-0"

SECTION S34/B

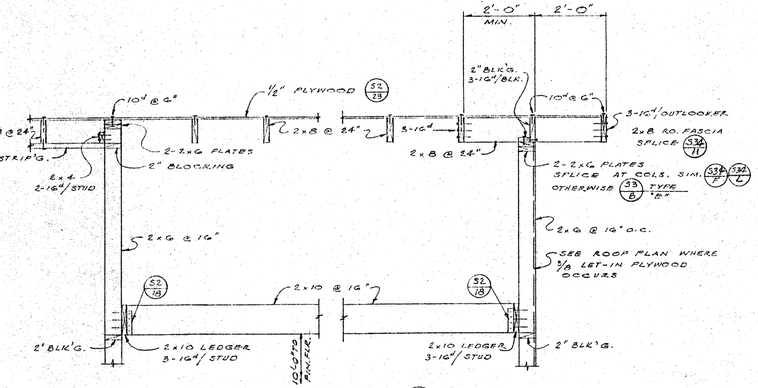
SCALE 1/2"=1'-0"



NOTE: USE STD. A.I.S.C. TYPE "S" CONNECTION WITH 3/4" ϕ BOLTS. TYPICAL

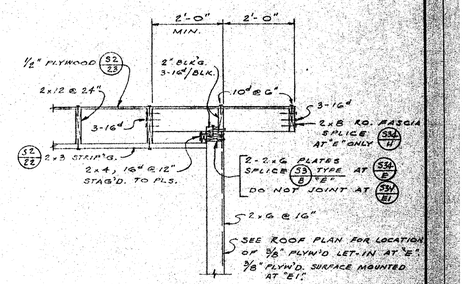
SECTION S34/C

SCALE 1/2"=1'-0"



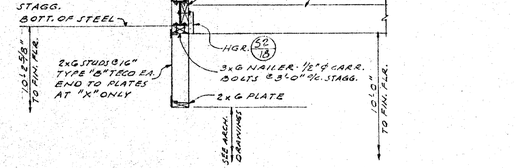
SECTION S34/D

SCALE 1/2" = 1'-0"



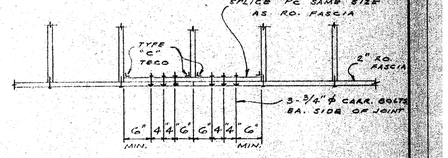
SECTION S34/E S34/E1

SCALE 1/2" = 1'-0"



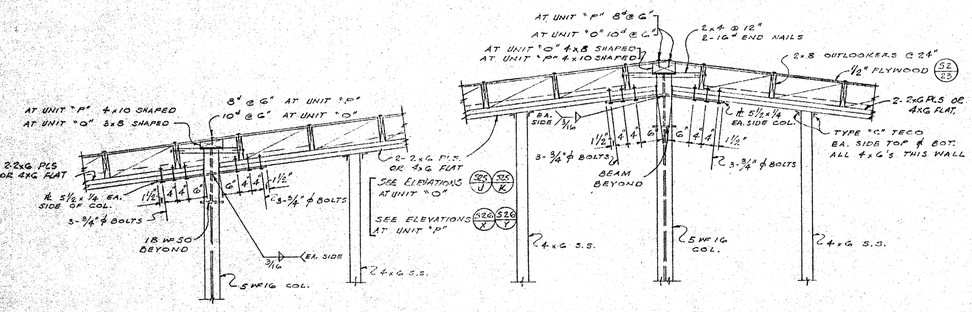
SECTIONS S34/X S34/Y AS NOTED

SCALE: 1/2"=1'-0"



SPLICE S34/H

1/2" = 1'-0"

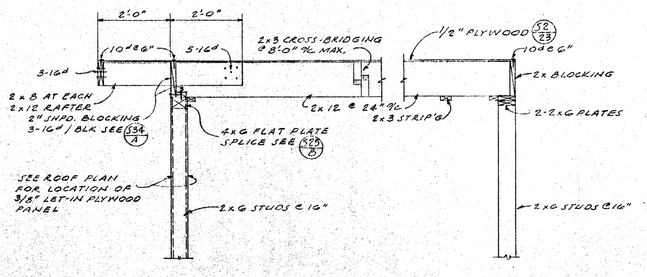


SECTION S34/L

1/2" = 1'-0"

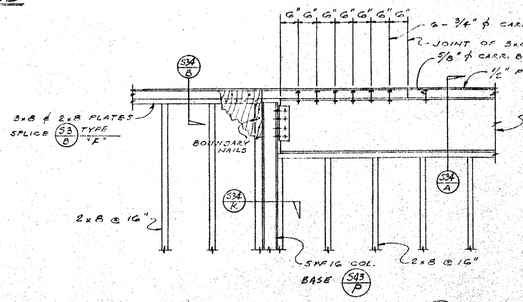
SECTION S34/F

1/2" = 1'-0"



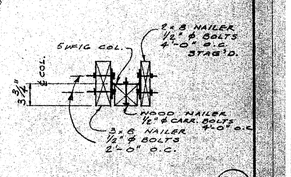
SECTION S34/G

SCALE: 1/2"=1'-0"



SECTION S34/J

1/2" = 1'-0"



SECTION S34/K

SCALE 1"=1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

"UNIT" O

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE

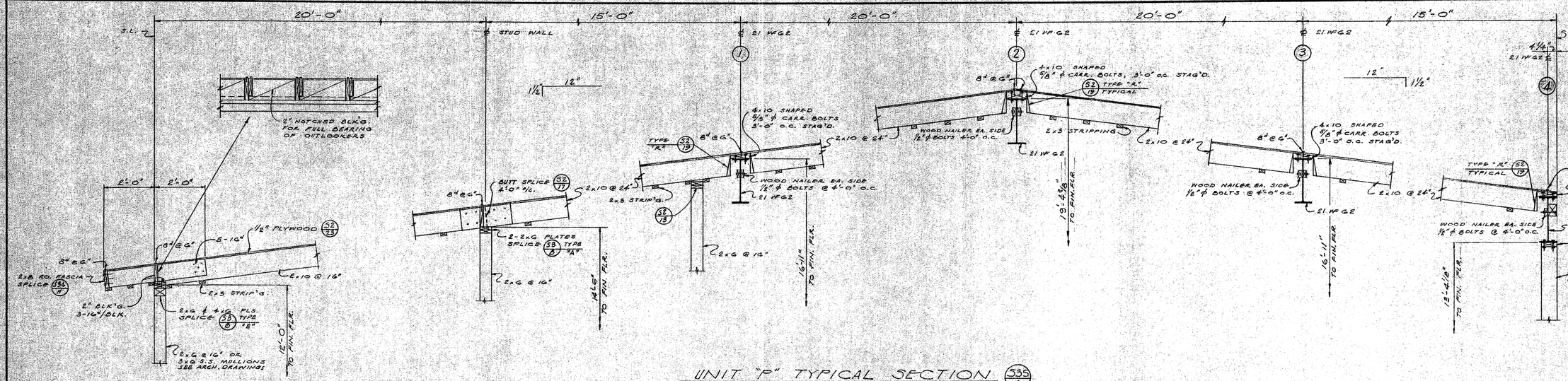
17883 APPROVED JAN 5 - [illegible]

[illegible] HIGH SCHOOL

[illegible] UNION HIGH SCHOOL DISTRICT

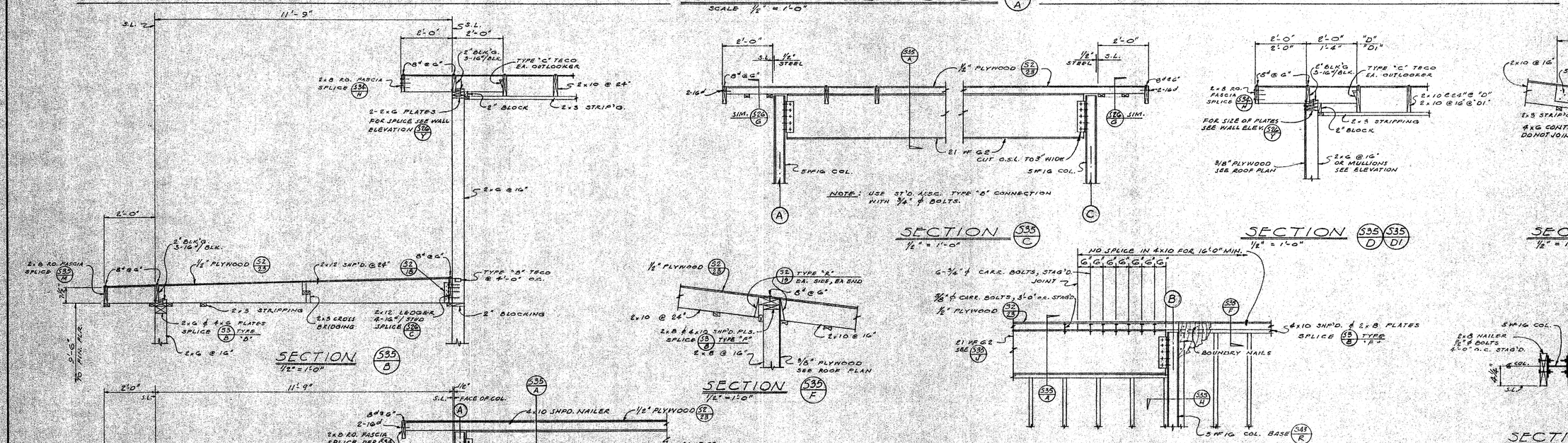
CALIFORNIA

DATE	1-59
DR. BY	A.O.
CHECKED BY	STA
JOB NO.	SC-71
SHEET NO.	S34
OF SHEETS	



UNIT "P" TYPICAL SECTION (S35/A)

SCALE 1/2" = 1'-0"



CONTRACTOR SHALL VERIFY ALL DIMENSIONS "UNIT" P

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

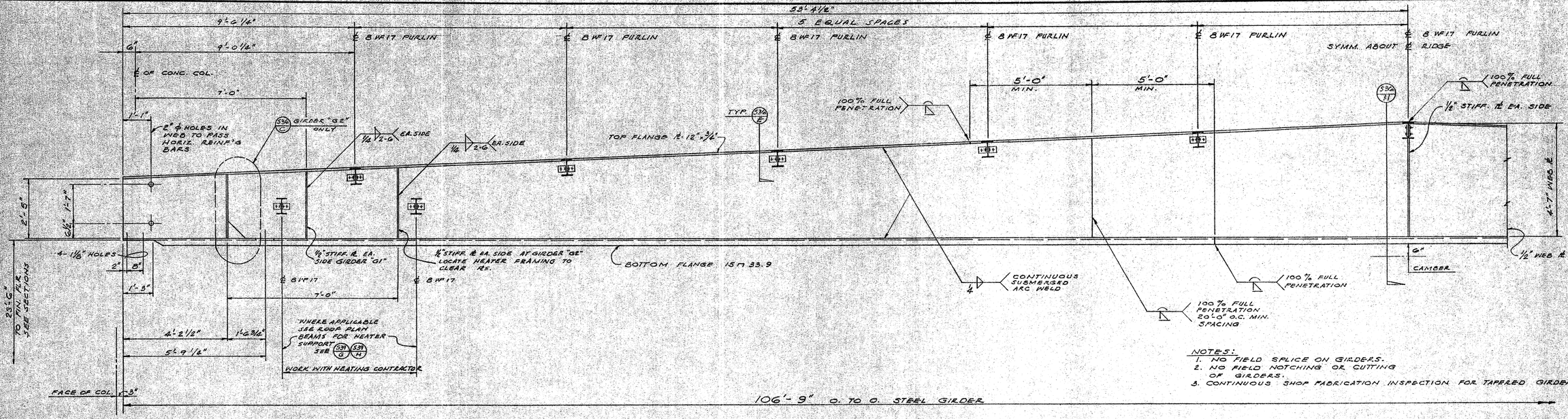
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA – DEPARTMENT OF PUBLIC WORKS – DIVISION OF ARCHITECTURE
17550 APPROVED JAN 5 [illegible]

[illegible] HIGH SCHOOL
[illegible] UNION HIGH SCHOOL DISTRICT
[illegible] CALIFORNIA

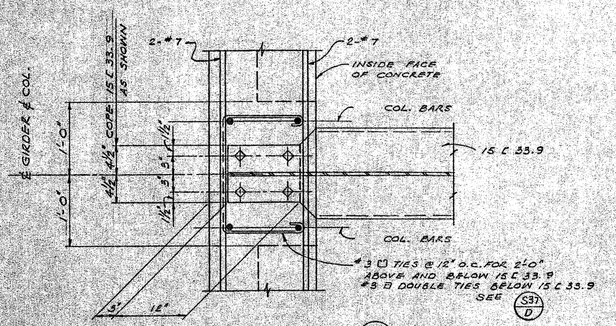
DATE 1-59 | DR. BY D.F.H. | CHECKED BY STZ | JOB NO. 56-71 | SHEET NO. S35 | OF SHEETS



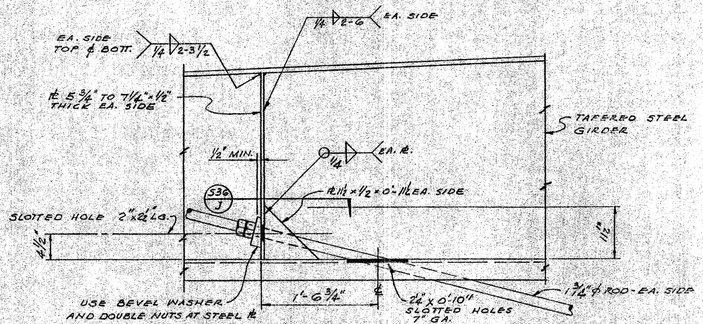
NOTES:
1. NO FIELD SPLICE ON GIRDERS.
2. NO FIELD NOTCHING OR CUTTING OF GIRDERS.
3. CONTINUOUS SHOP FABRICATION INSPECTION FOR TAPERED GIRDERS.

TAPERED STEEL GIRDERS (536 A) "G1" & "GE" AS NOTED

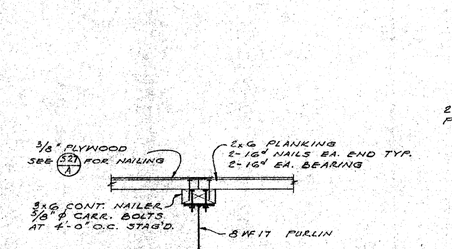
SCALE 1/2" = 1'-0"



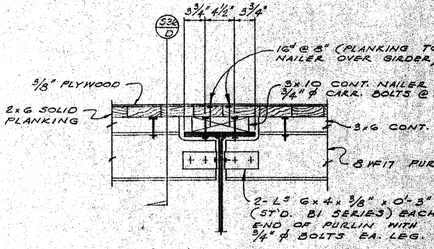
PLAN (536 B)
SCALE 1" = 1'-0"



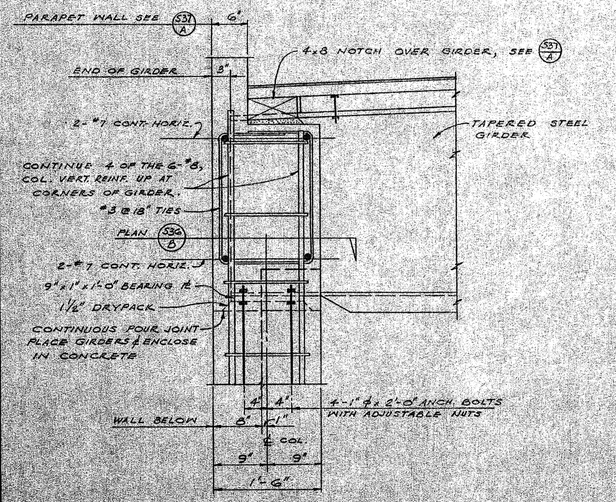
DETAIL (536 C)
SCALE 1" = 1'-0"



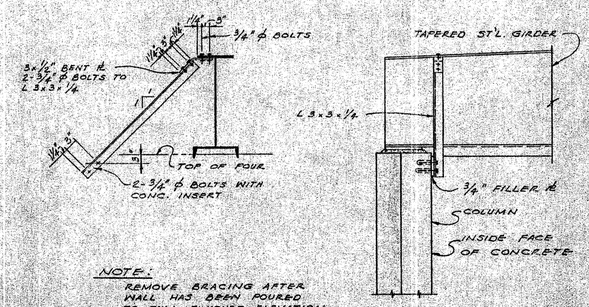
TYP SECTION (536 D)
SCALE 1" = 1'-0"



TYP PURLIN CONN. (536 E)
SCALE 1" = 1'-0"



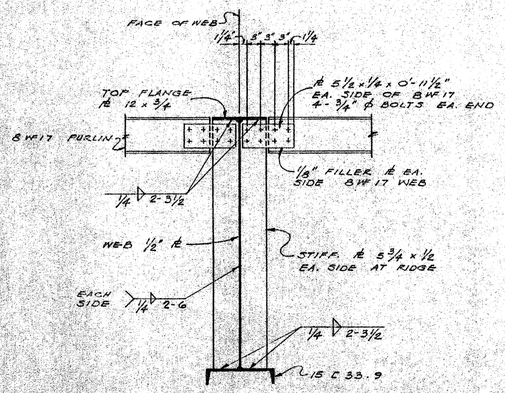
SECTION (536 F)
SCALE 1" = 1'-0"



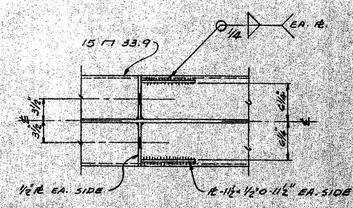
NOTE:
REMOVE BRACING AFTER WALL HAS BEEN POURED TO FULL FINISHED ELEVATION AND CONCRETE HAS SET.

TEMPORARY BRACING DETAIL (AT EACH END OF EACH GIRDER) (536 G)

NO SCALE



SECTION (536 H)
SCALE 3/4" = 1'-0"



PLAN SECTION (536 J)

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT THE JOB

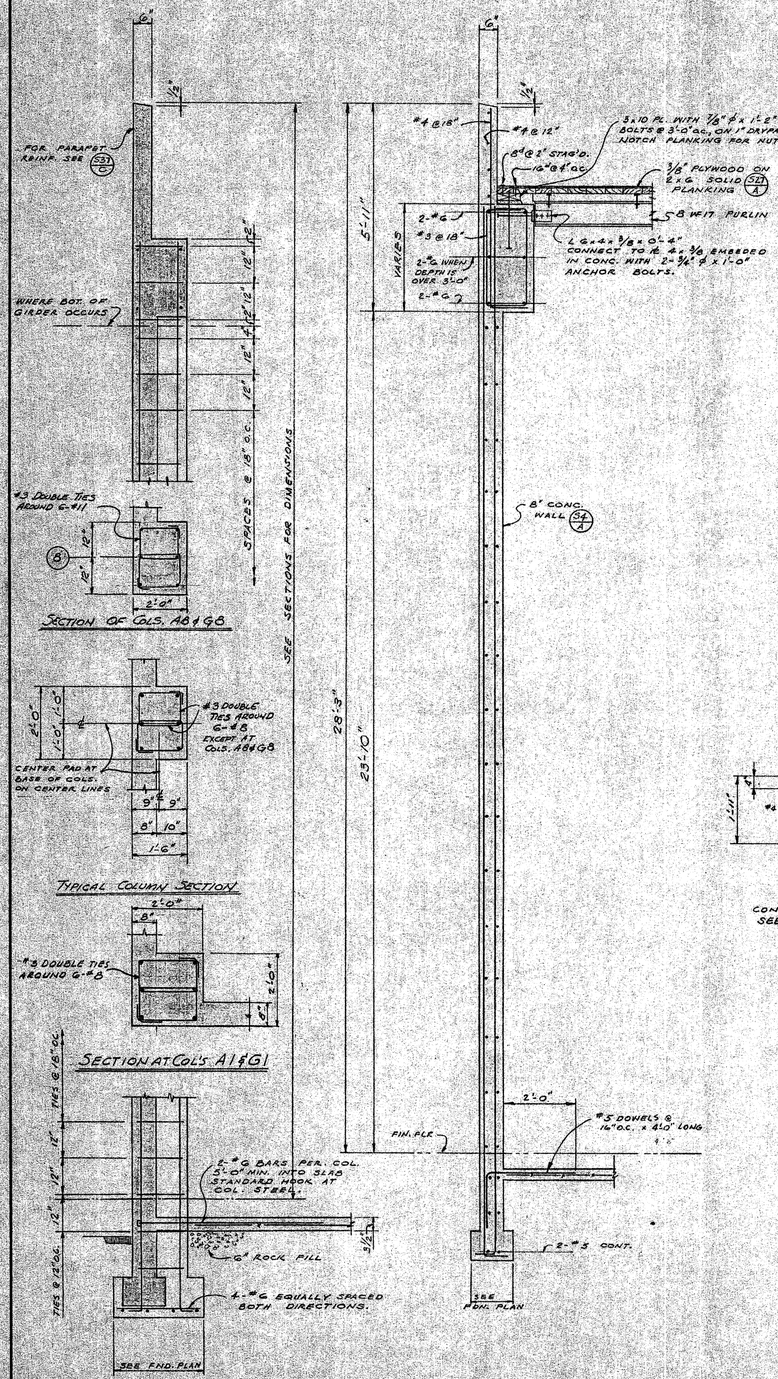
ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE — ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
17883 APPROVED JAN 5 1959
FOR [illegible]

UNIT "Q"
HIGH SCHOOL
UNION SCHOOL DISTRICT
CALIFORNIA

DATE	1-59
DR. BY	O.F.H.
CHECKED BY	STR
JOB NO.	56-71
SHEET NO.	S36
OF SHEETS	



ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

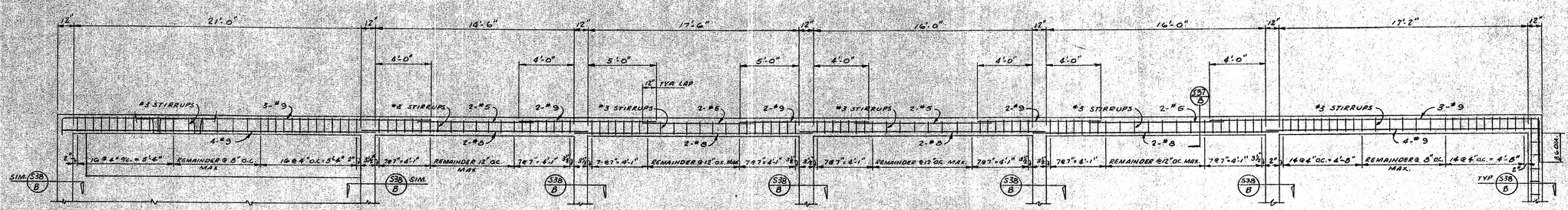
ARCHITECTURE — ENGINEERING — LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 19[illegible]
By [illegible]

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

[illegible] HIGH SCHOOL
[illegible] UNION SCHOOL DISTRICT
CALIFORNIA

DATE	1-59
DR. BY	D.F.H.
CHECKED BY	STR
JOB NO.	56-71
SHEET NO.	S37
OF SHEETS	

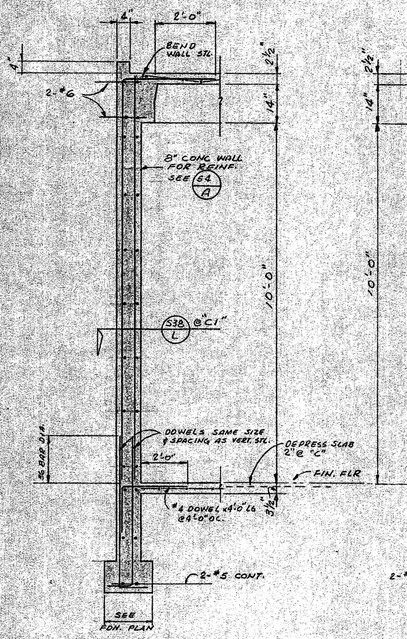


CONTINUOUS CONCRETE BEAM (12"x16½") S38/A

SCALE: ¼"=1'-0"

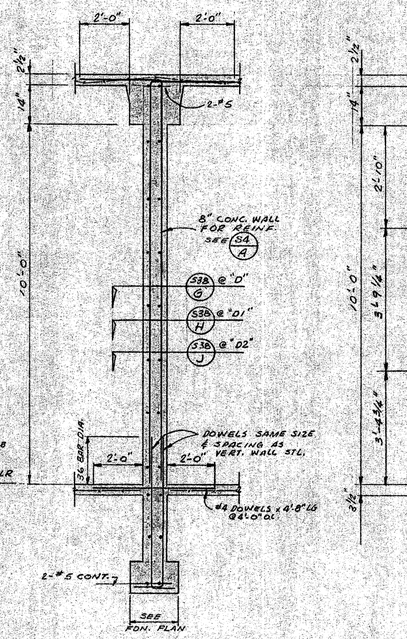
SECTION S38/B

SCALE: 1"=1'0"



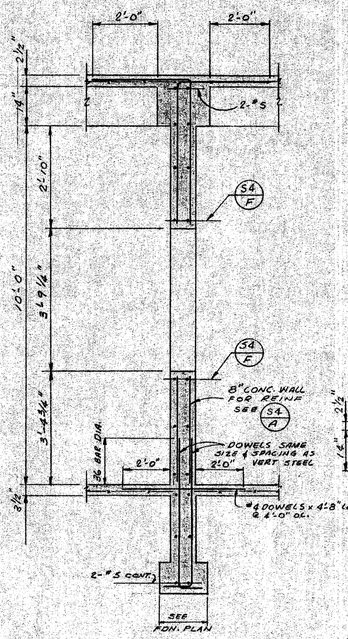
SECTION S38/C S38/C1

SCALE: ½"=1'-0"



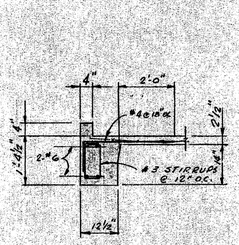
SECTION S38/D S38/D1 S38/D2

SCALE ½"=1'-0"



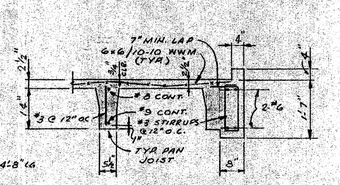
SECTION S38/E

SCALE ½"=1'-0"



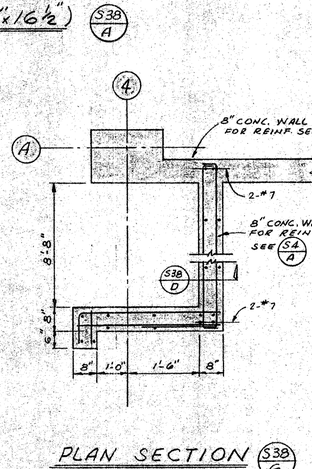
SECTION S38/F

SCALE: ½"=1'-0"



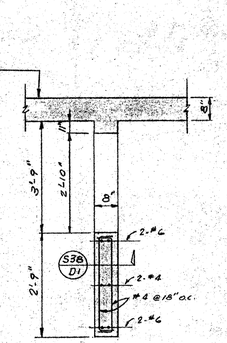
SECTION S38/K

SCALE: ½"=1'-0"



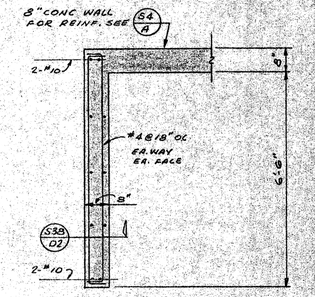
PLAN SECTION S38/G

SCALE: ½"=1'-0"



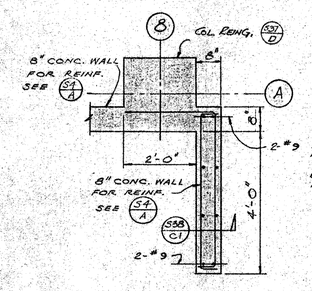
PLAN SECTION S38/H

SCALE: ½"=1'-0"



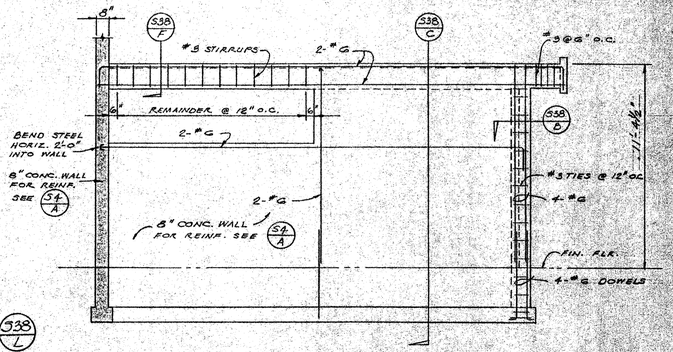
PLAN SECTION S38/J

SCALE: ½"=1'-0"



PLAN SECTION S38/L

½" = 1'-0"



WALL ELEVATION S38/M

½" = 1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

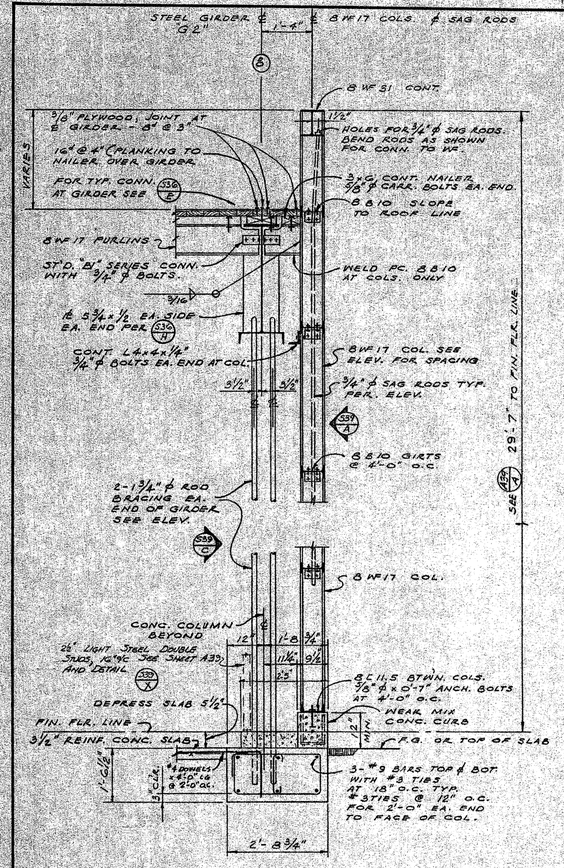
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17853 APPROVED JAN 5 19[illegible]
Application No. By F. Nea[illegible]
Division of State Architect

[illegible] SECTIONS UNIT "Q"

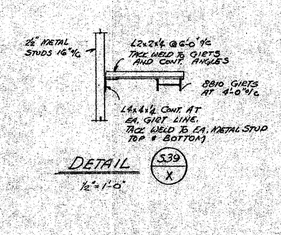
[illegible] HIGH SCHOOL
[illegible] UNION HIGH SCHOOL DISTRICT
[illegible] CALIFORNIA

DATE 1-59
DR. BY GCJ
CHECKED BY STA
JOB NO. 56-71

SHEET NO. S38
OF SHEETS

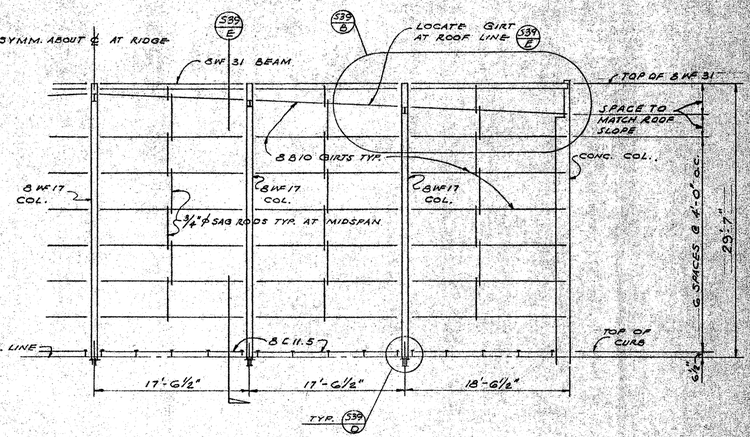


SECTION (539 F)
SCALE 1/2" = 1'-0"

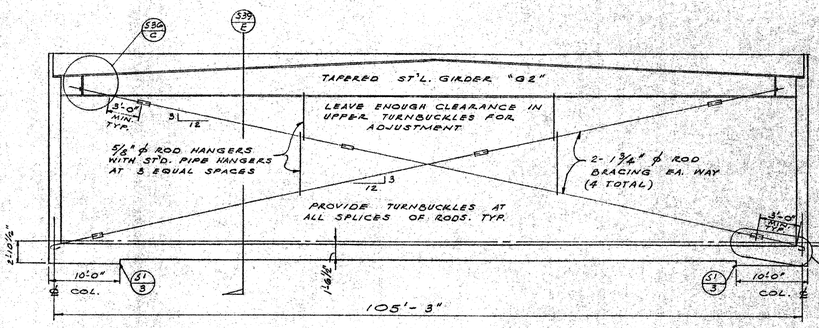


DETAIL (539 X)
1½"=1'-0"

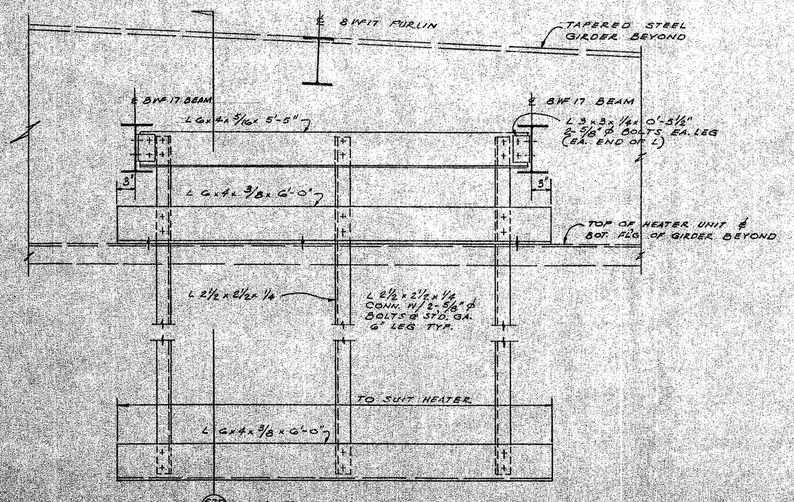
ELEVATION (539 B)
SCALE 1" = 1'-0"



TEMPORARY WALL FRAMING ELEVATION (539 A)
SCALE: 1/8" = 1'-0"

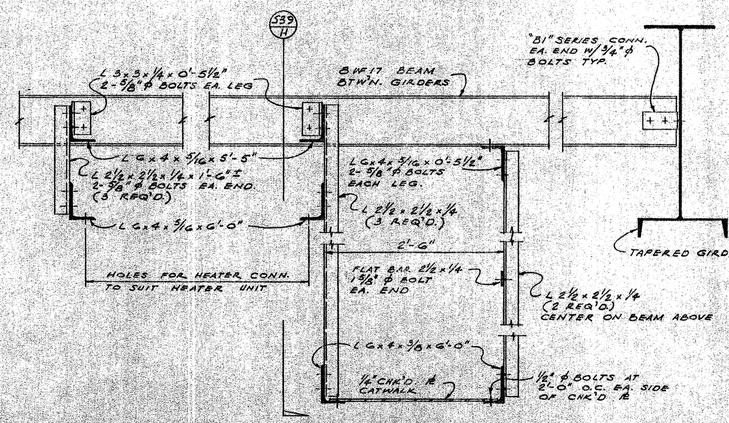


ELEVATION AT GIRDER "G2" (539 C)

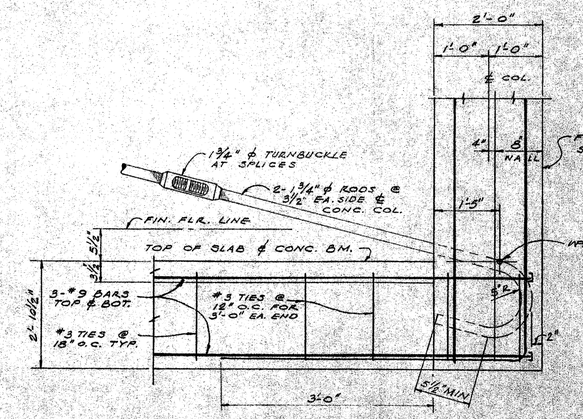


539 G
NOTE: VERIFY ALL DIMENSIONS WITH HEATER CONTRACTOR.

HEATER SUPPORT FRAMING (539 H)
SCALE: 1"=1'-0"



SECTION (539 J)
SCALE 1" = 1'-0"



ELEVATION (539 F)

ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

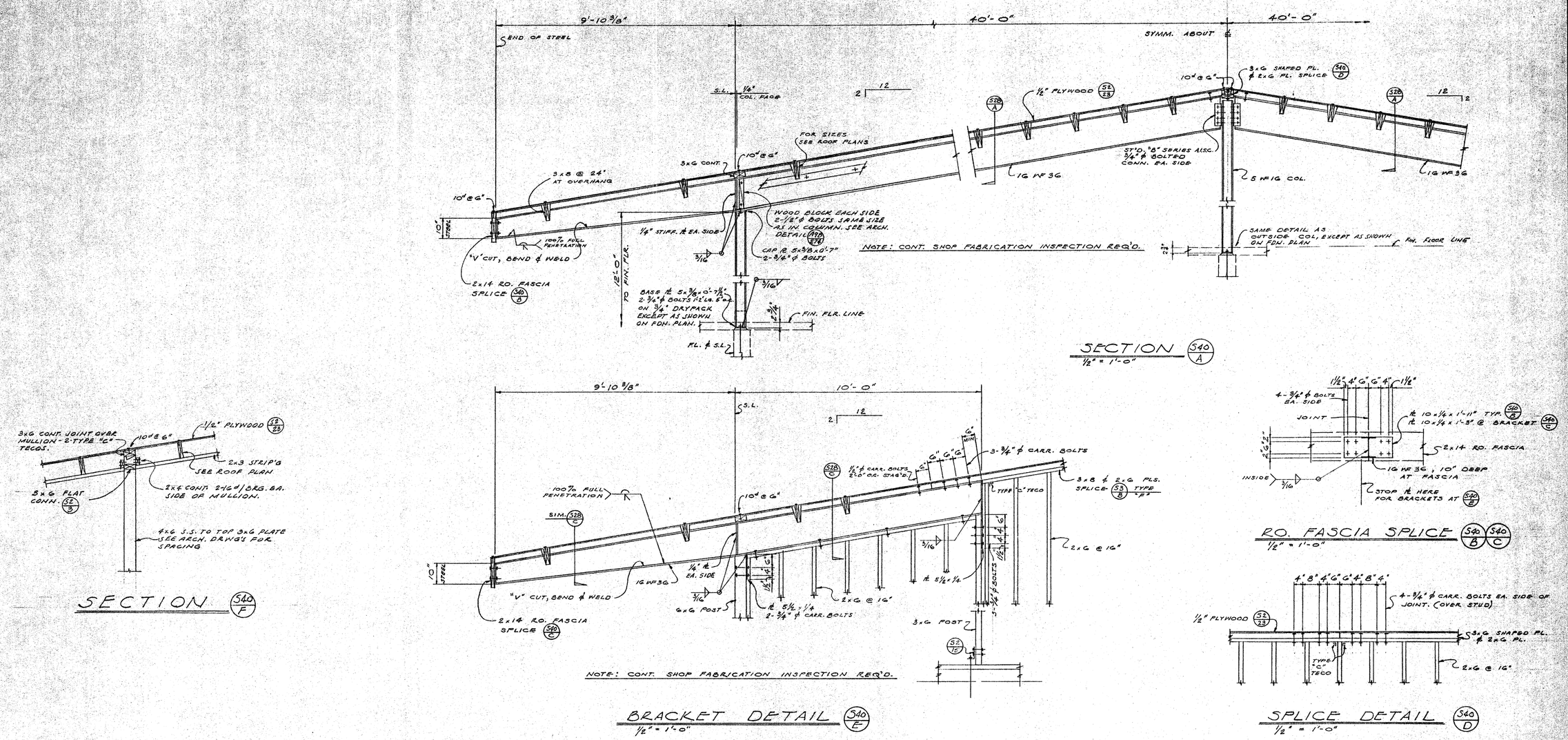
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DIVISION OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
17833 APPROVED JAN. [illegible]
by [illegible]

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB
CONSTRUCTION UNIT "Q"

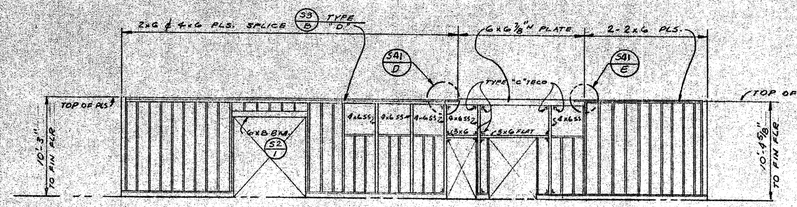
[illegible] HIGH SCHOOL
[illegible] SCHOOL DISTRICT
CALIFORNIA

DATE 1-59
DR. BY D.F.H.
CHECKED BY STR
JOB NO. 56-71
SHEET NO. S39
OF SHEETS



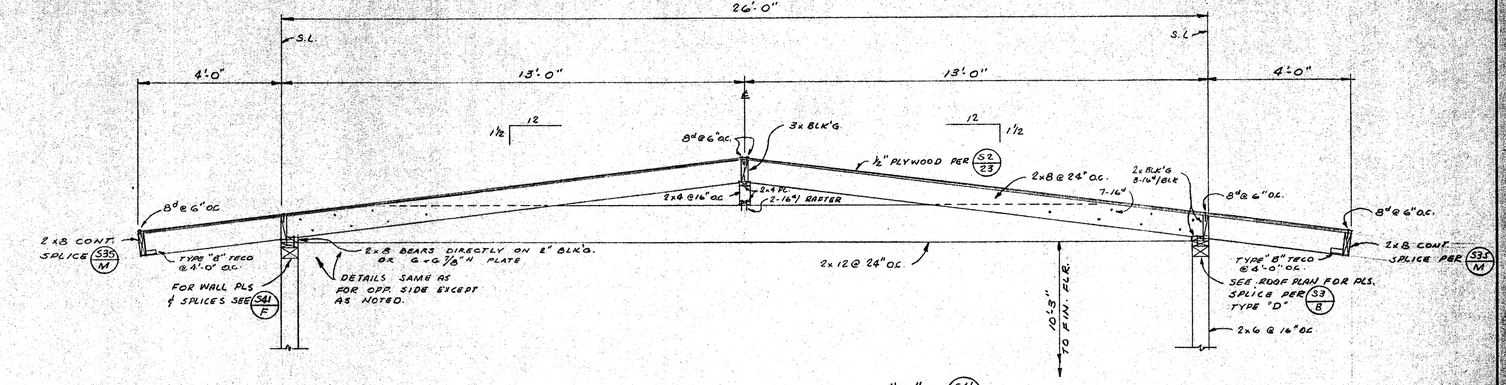
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17833 APPROVED JAN [illegible]	[illegible] SECTIONS "UNIT" R [illegible] MIRADA HIGH SCHOOL [illegible] SCHOOL DISTRICT [illegible] CALIFORNIA	DATE 1-59 DR. BY D.F.H. CHECKED BY STA JOB NO. 56-71
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER CIVIL ENGINEER				SHEET NO. S40 OF SHEETS

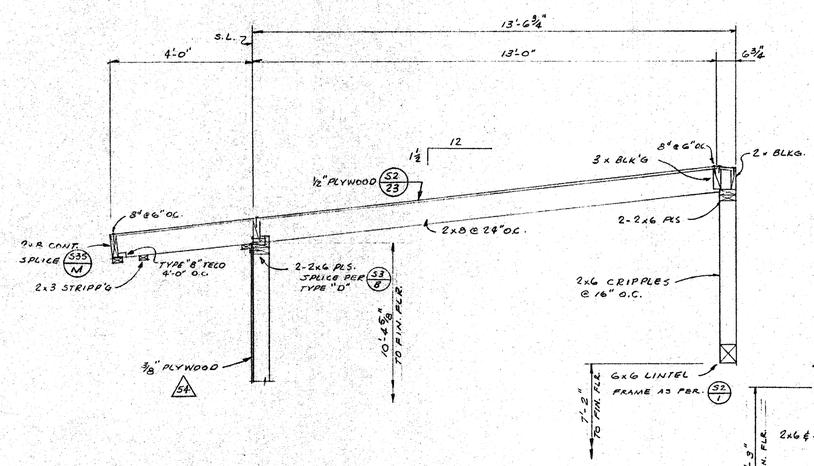


WEST SIDE

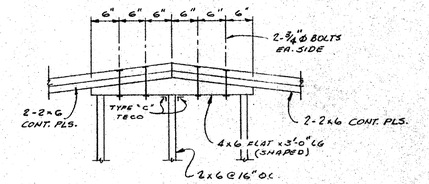
ELEVATION S41/F
SCALE: 1/8" = 1'-0"



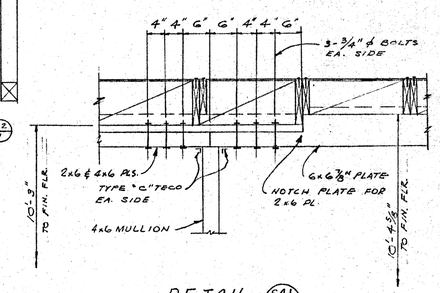
TYPICAL SECTION-UNIT "S" S41/A
SCALE: 1/2" = 1'-0"



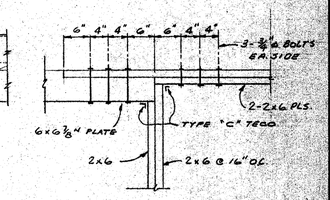
SECTION S41/B
SCALE: 1/2" = 1'-0"



DETAIL S41/C
SCALE: 3/4" = 1'-0"



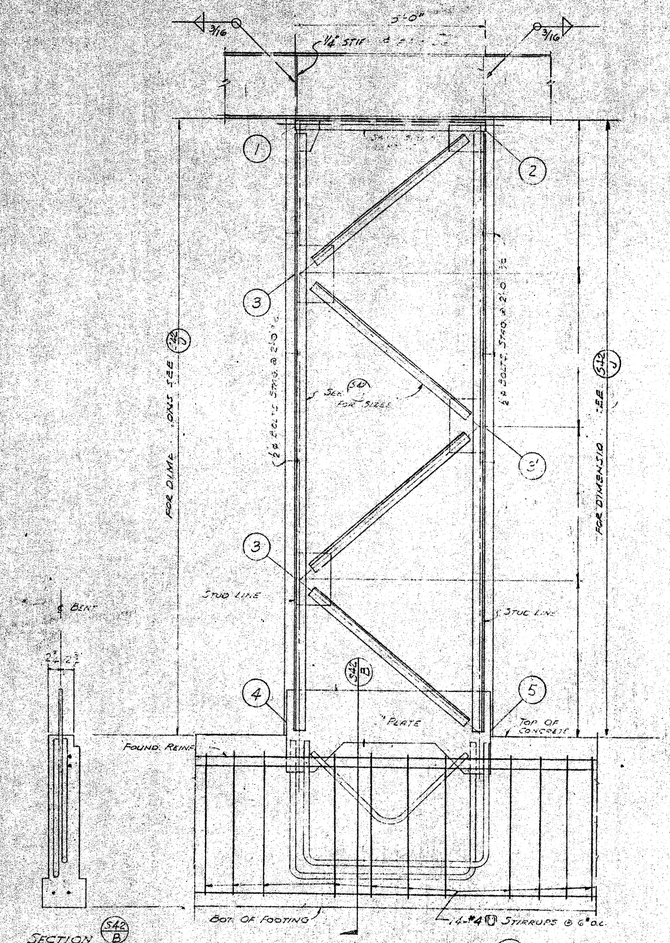
DETAIL S41/D
SCALE: 3/4" = 1'-0"



DETAIL S41/E
SCALE: 3/4" = 1'-0"

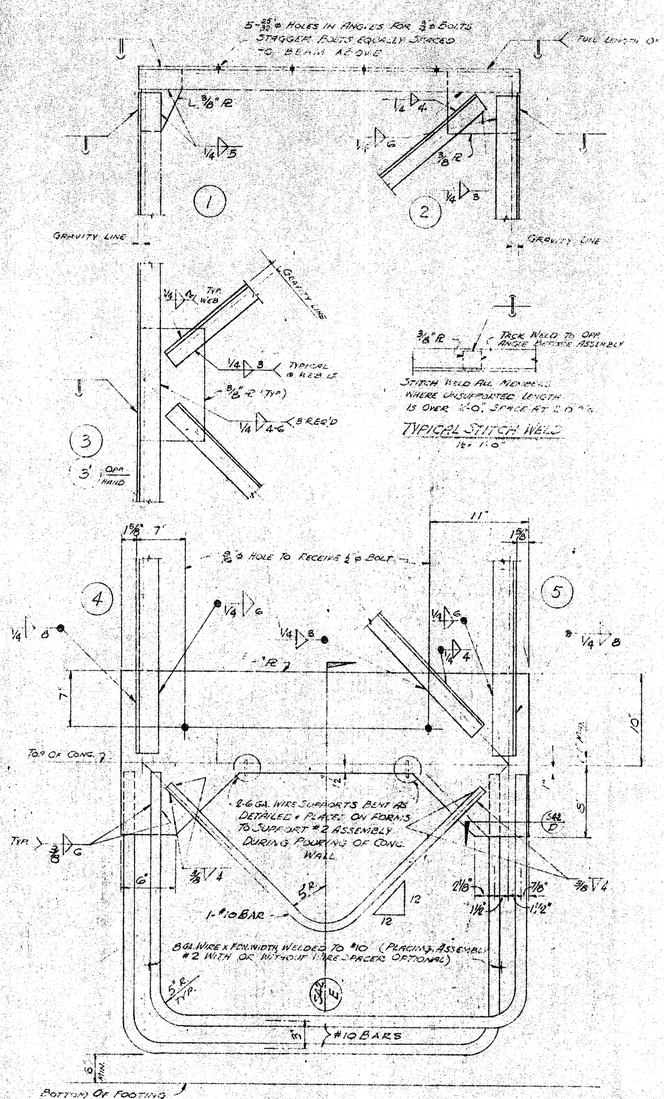
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17833 APPROVED JAN 1 19 APPLICATION NO. Per Z. M.	...IONS "UNITS" S ...MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	DATE 1-59 DR. BY GCJ CHECKED BY STA JOB NO. 56-71	SHEET NO. S41 OF SHEETS
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER CIVIL ENGINEER					



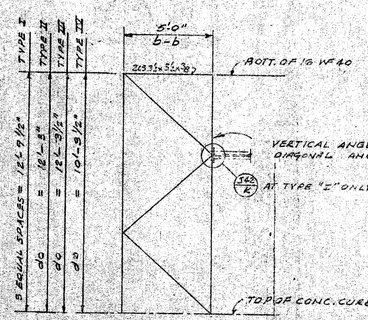
SECTION (S42/B)
3/4" = 1'-0"

OUTSIDE ELEVATION (S42/A)
3/4" = 1'-0"

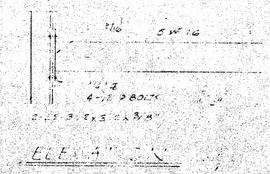


TYPICAL STITCH WELD
1" = 1'-0"

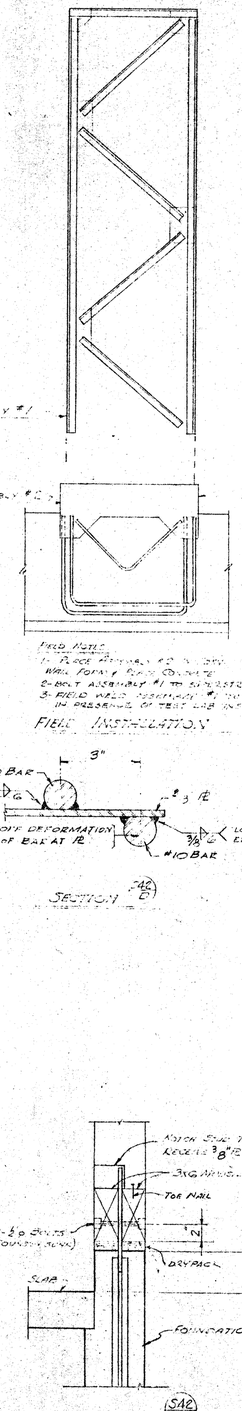
STEEL BENT DETAILS (S42/C)
1/2" = 1'-0"



STEEL BENTS (S42/J)



ELEVATION

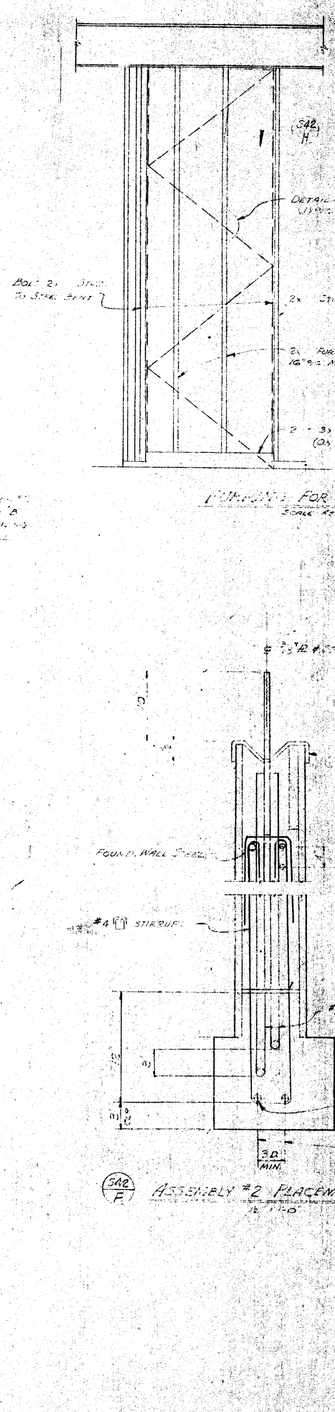


FIELD NOTES:
1- PLACE ASSEMBLY #2 IN POS. B
WELD TOP OF L TO CONCRETE
2- BOLT ASSEMBLY #1 TO ASSEMBLY #2 AT B.
3- FIELD WELD ASSEMBLY #1 TO #2 IN PRESENCE OF TEST LAB INSPECTOR.

FIELD INSTALLATION

SECTION (S42/D)

SECTION (S42/E)
1/2" = 1'-0"



NOTES FOR STEEL BENTS (S42/G)
SCALE AS SHOWN

(S42/F) ASSEMBLY #2 PLACEMENT DETAILS
1/2" = 1'-0"

DATE	REVISIONS

ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARCHITECTS & ENGINEERS
LOS ANGELES CALIFORNIA

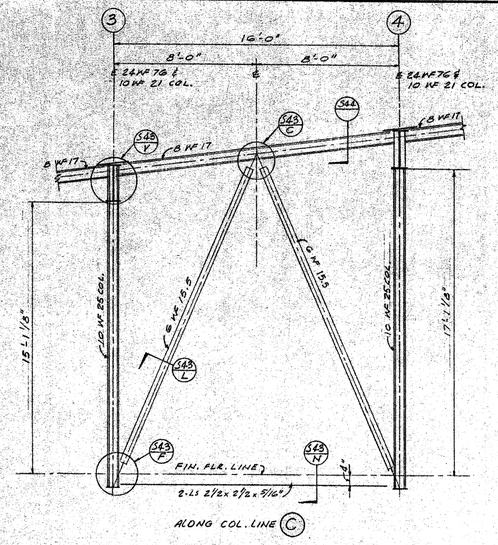
VERIFY ALL DIMENSIONS AT THE JOB

"UNIT" T...

...MELODY HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

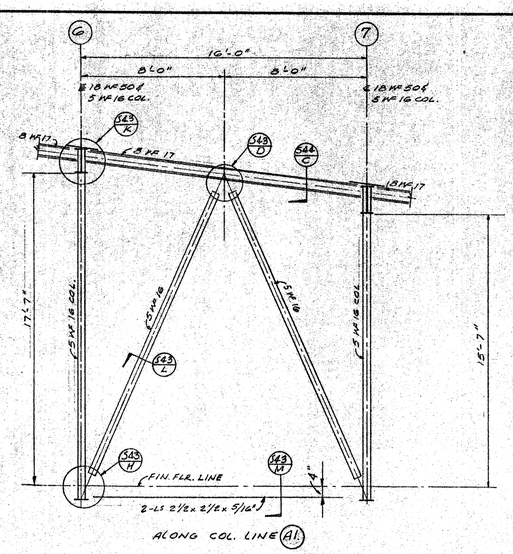
DATE 1-59
DR. BY D.A.
CHECKED BY STM
JOB NO. 5671

SHEET NO. S42
OF SHEETS



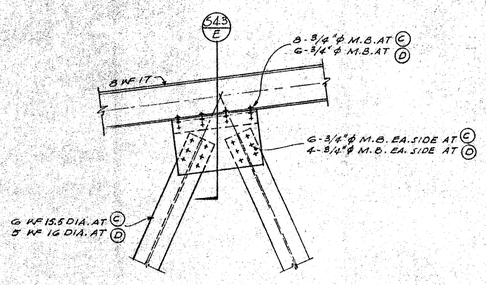
FRAME S43 A

SCALE: 1/4" = 1'-0"



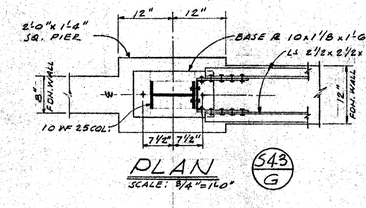
FRAME S43 B

SCALE: 1/4" = 1'-0"



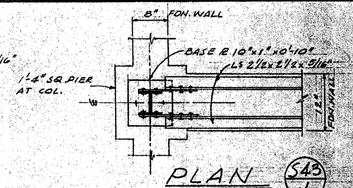
DETAIL S43 C S43 D

SCALE: 3/4" = 1'-0"



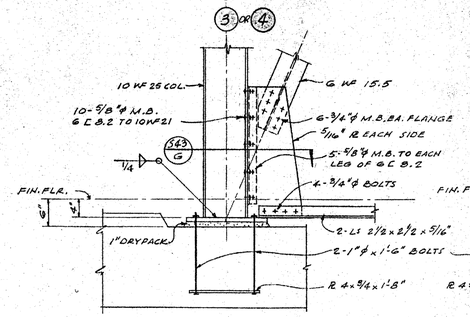
PLAN S43 G

SCALE: 3/4" = 1'-0"



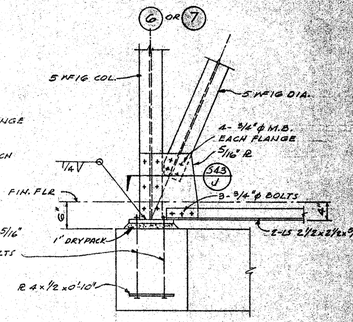
PLAN S43 J

SCALE: 3/4" = 1'-0"



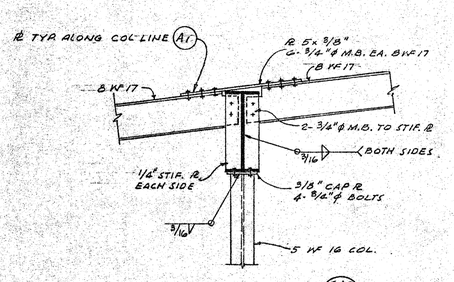
DETAIL S43 F

SCALE: 3/4" = 1'-0"



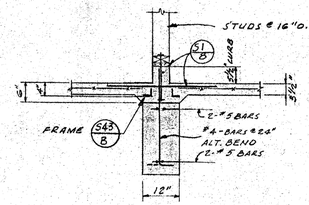
DETAIL S43 H

SCALE: 3/4" = 1'-0"



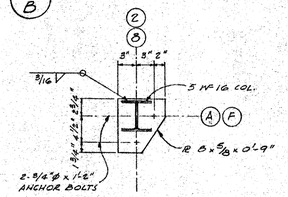
DETAIL S43 K

SCALE: 3/4" = 1'-0"



SECTION S43 M

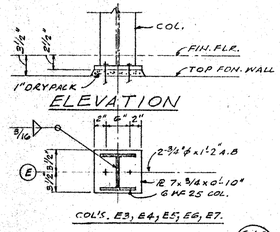
SCALE: 1/2" = 1'-0"



COL'S. A2, A8, F2, F8. – UNIT "J"
COL'S. C1 & D5 – UNIT "O"
COL'S. A8 & G8 – UNIT "R"

BASE PLATE DETAIL S43 P

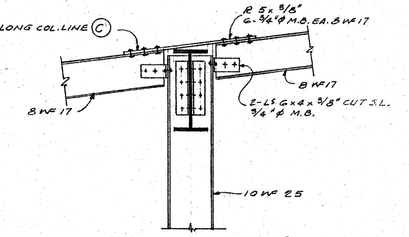
SCALE: 1" = 1'-0"



COL'S. E3, E4, E5, E6, E7.

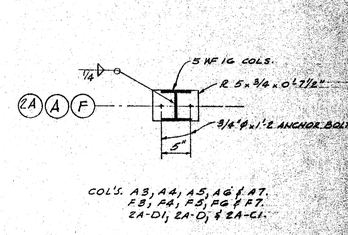
BASE PLATE DETAIL S43 T

SCALE: 1" = 1'-0"



DETAIL S43 V

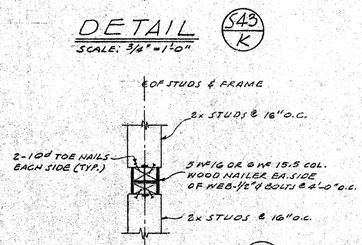
SCALE: 3/4" = 1'-0"



COL'S. A3, A4, A5, A6 & A7. F3, F4, F5, F6 & F7. E4-D1, E4-D5 & E4-C1.

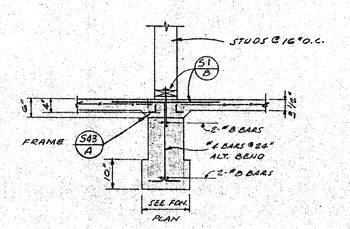
BASE PLATE DETAIL S43 Y

SCALE: 1" = 1'-0"



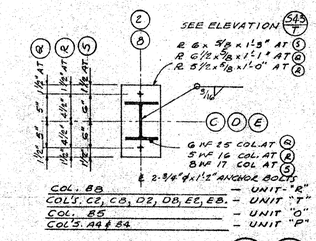
SECTION S43 Z S43 Z1

SCALE: 1/2" = 1'-0"



SECTION S43 N

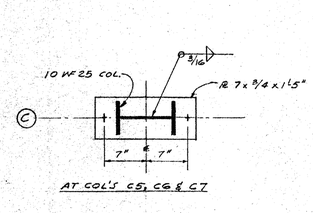
SCALE: 1/2" = 1'-0"



COL. B8 – UNIT "R"
COLS. C2, C8, D2, D8, E2, E8. – UNIT "S"
COL. B5 – UNIT "O"
COLS. A4 & B4 – UNIT "P"

BASE R DETAIL S43 Q S43 R S43 S

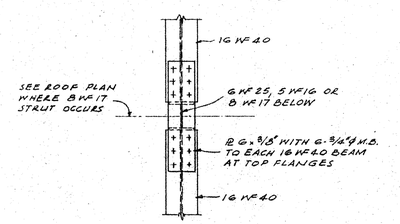
SCALE: 1" = 1'-0"



AT COL'S C5, C6 & C7

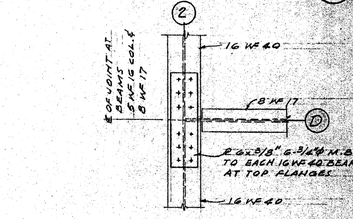
BASE R DETAIL S43 U

SCALE: 1" = 1'-0"



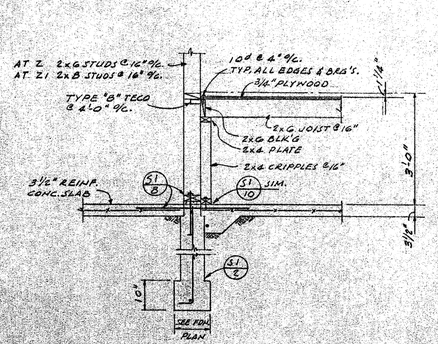
PLAN DETAIL S43 W

SCALE: 3/8" = 1'-0"

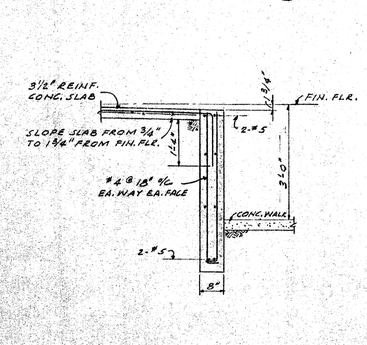


PLAN DETAIL S43 X

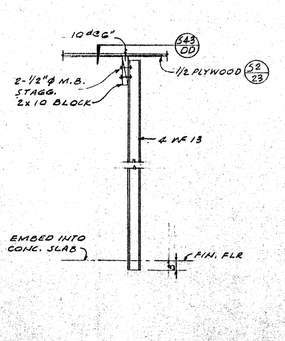
SCALE: 3/8" = 1'-0"



SECTION S43 AA

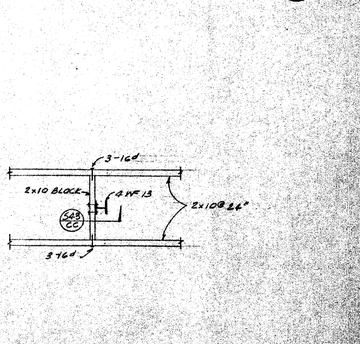


SECTION S43 BB



SECTION S43 CC

SCALE: 1/2" = 1'-0"



PLAN DETAIL S43 DD

SCALE: 1/2" = 1'-0"

R TYP. ALONG COL. LINE C

R 5 x 3/8" G-3/4" ϕ M.B. EA. B WF 17

8 WF 17

8 WF 17

2-LS G x 4 x 3/8" CUT S.L. 3/4" ϕ M.B.

10 WF 25

DETAIL S43 V

SCALE: 3/4" = 1'-0"

COL'S. A3, A4, A5, A6 & A7. F3, F4, F5, F6 & F7. E4-D1, E4-D5 & E4-C1.

BASE PLATE DETAIL S43 Y

SCALE: 1" = 1'-0"

PLAN DETAIL S43 X

SCALE: 3/8" = 1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

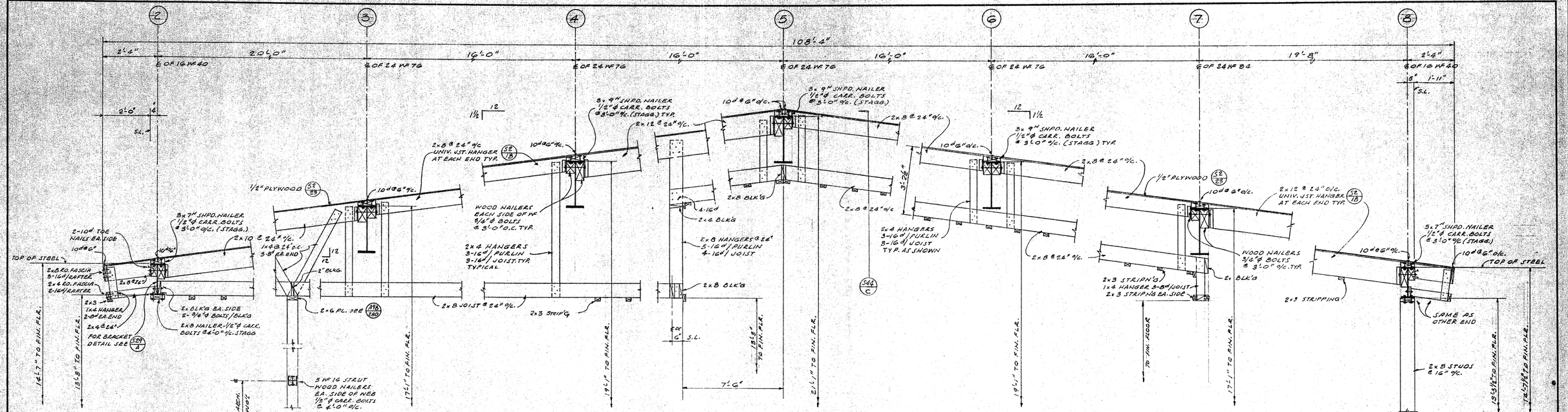
SECTIONS "UNIT" T

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
	CIVIL ENGINEER	ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 - 1959 For [illegible]

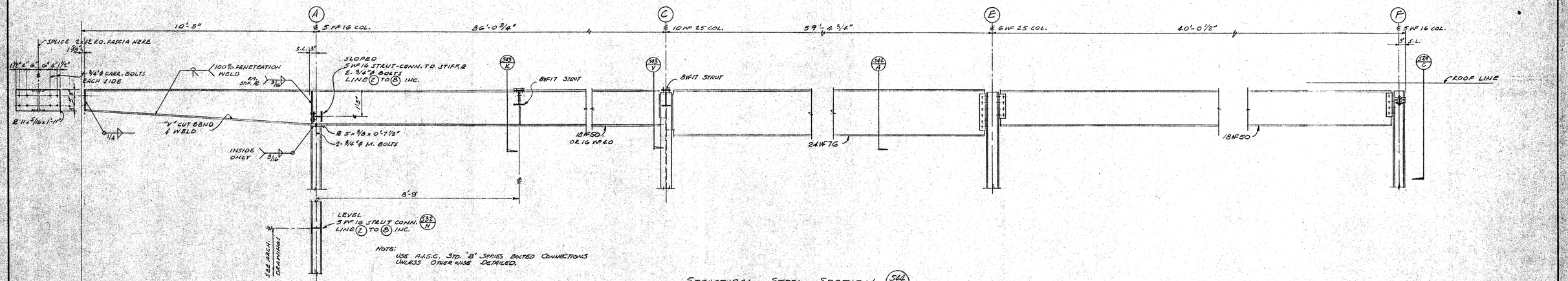
LA MIRADA HIGH SCHOOL
[illegible] UNION HIGH SCHOOL DISTRICT
[illegible], CALIFORNIA

DATE	1-59
DR. BY	AEO
CHECKED BY	STR
JOB NO.	56-71
SHEET NO.	S43
OF SHEETS	



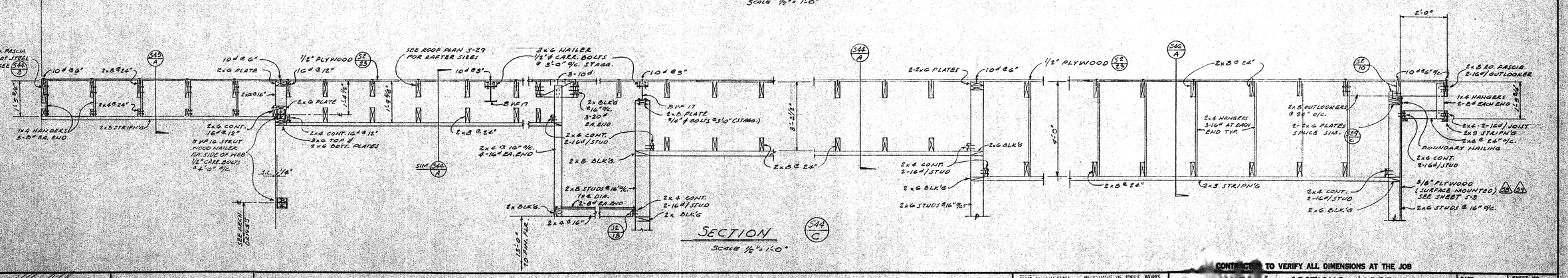
UNIT "T" TYPICAL SECTION (S44/A)

SCALE: 1/2" = 1'-0"



STRUCTURAL STEEL SECTION (S44/B)

SCALE 1/2" = 1'-0"



SECTION (S44/C)

SCALE 1/2" = 1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

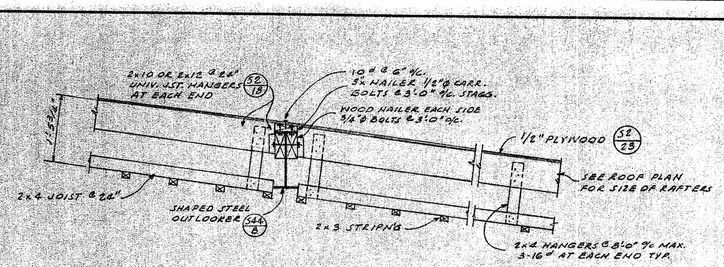
ARCHITECTURE – ENGINEERING — LOS ANGELES, CALIFORNIA

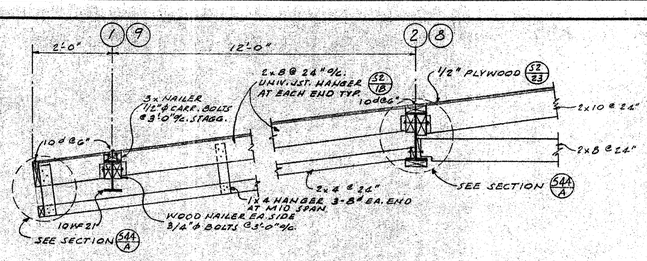
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17533 APPROVED JAN 5 - 19[illegible]
By E. [illegible]

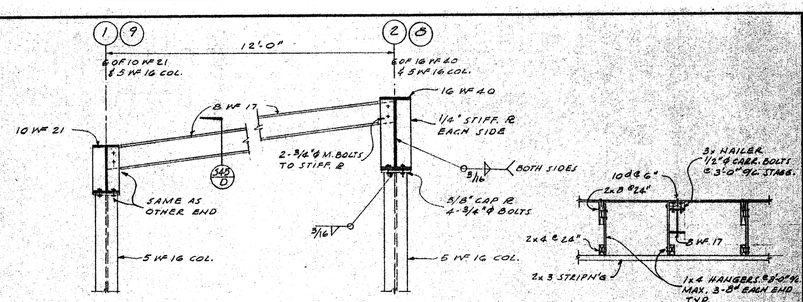
SECTIONS & DETAILS

[illegible] MIDDLE / HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

DATE 1-59	SHEET NO. S44
DR. BY A.E.O.	
CHECKED BY	
JOB NO. 56-71	OF SHEETS







SECTION (545/A)
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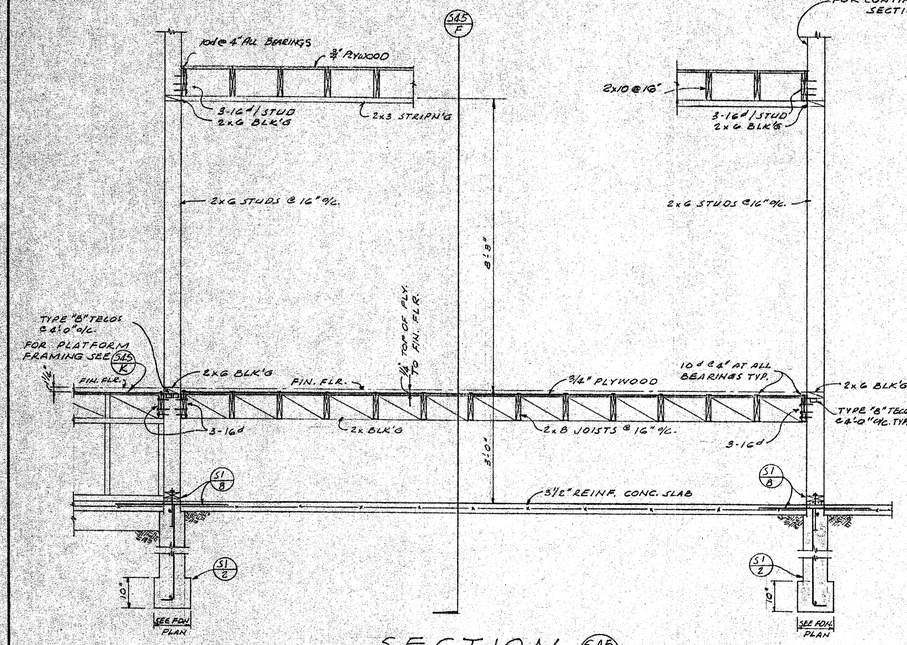
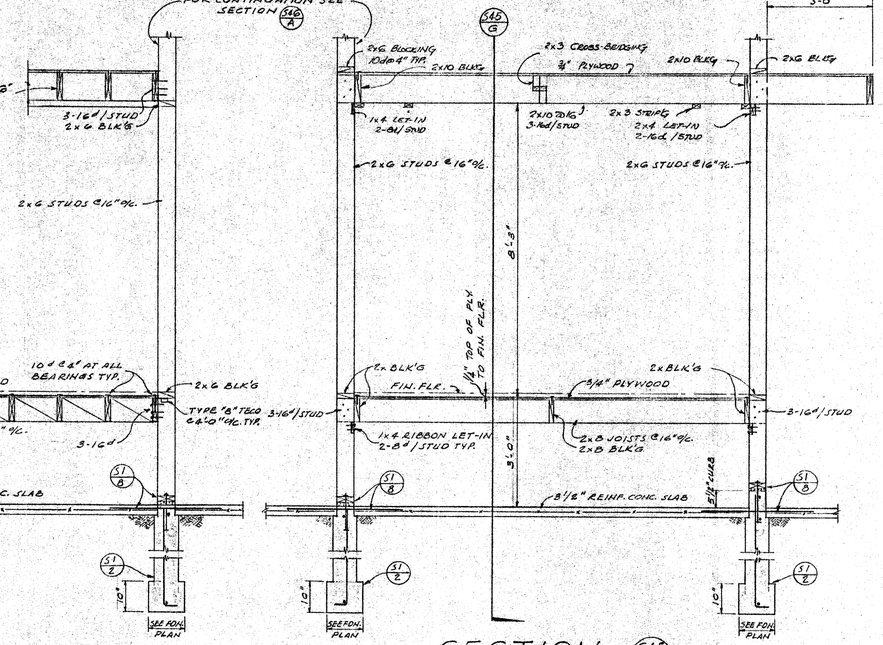
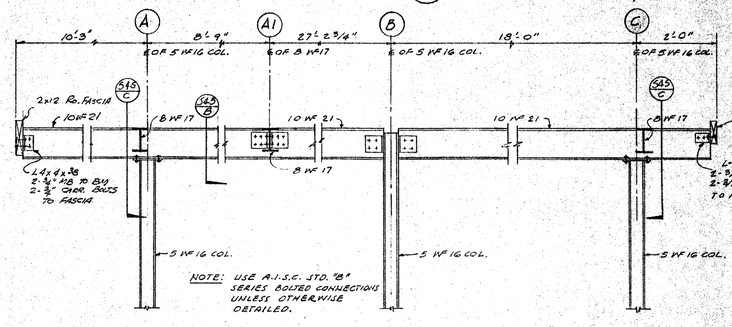


SECTION (545/A)
SCALE: 1/2" = 1'-0"



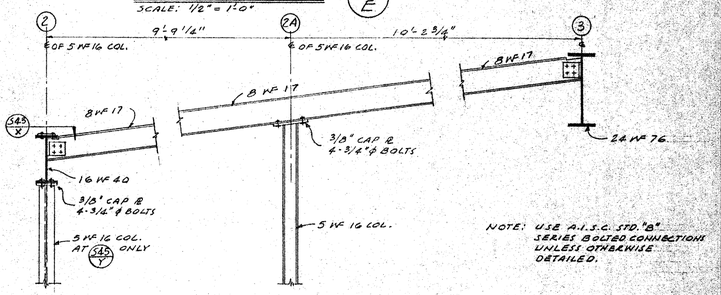
SECTION (545/B)
SCALE: 1/2" = 1'-0"

SECTION (545/C)
SCALE: 3/4" = 1'-0"

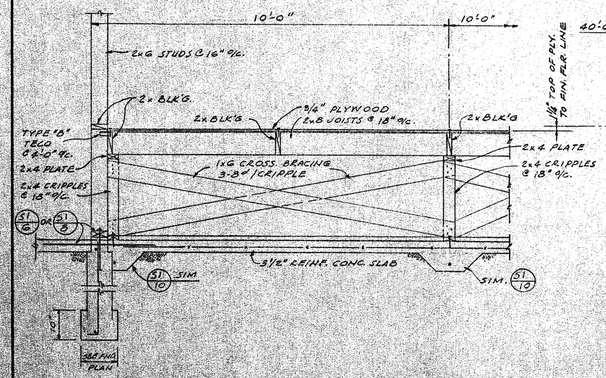


SECTION (545/D)
SCALE: 1/2" = 1'-0"

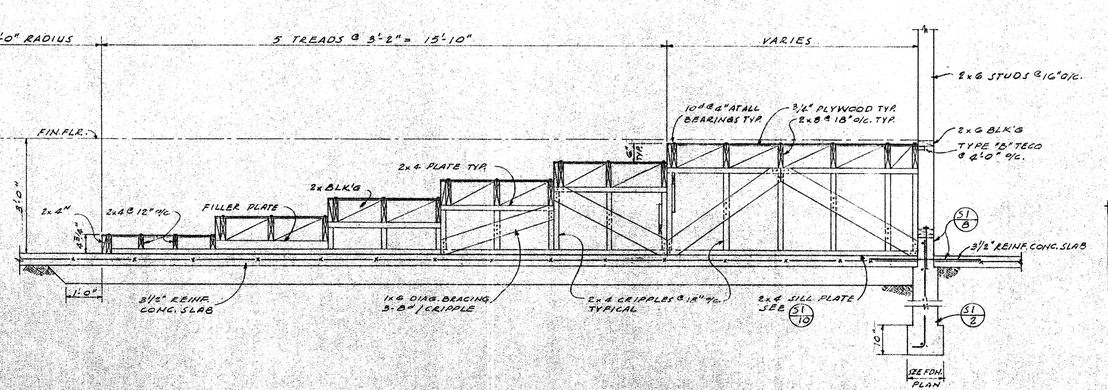
SECTION (545/E)
SCALE: 1/2" = 1'-0"



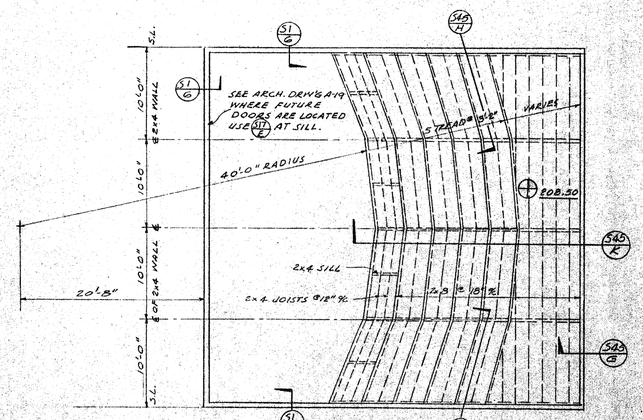
SECTIONS (545/Y) (545/Z)
SCALE: 1/2" = 1'-0"



SECTION (545/H) (545/J)
SCALE: 1/2" = 1'-0"



SECTION (545/K)
SCALE: 1/2" = 1'-0"



PLATFORM FRAMING PLAN (545/X)
SCALE: 1/8" = 1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

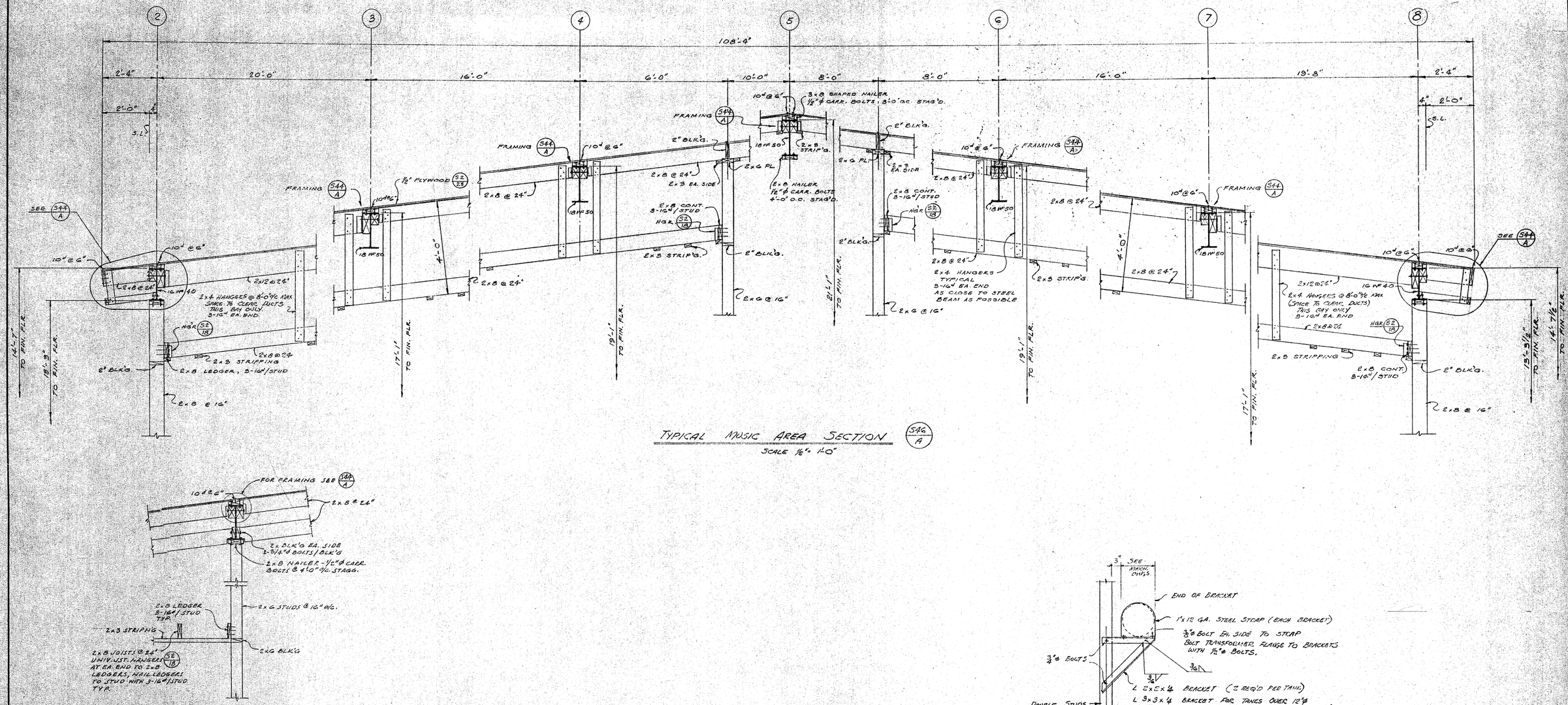
ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
17883 APPROVED JAN 5 - 1
Application No. By
Recommended for Approval By

"T" SECTIONS & DETAILS
HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE 1-59
DR. BY M.E.A.
CHECKED BY
JOB NO. 56-71
SHEET NO. S45
OF SHEETS

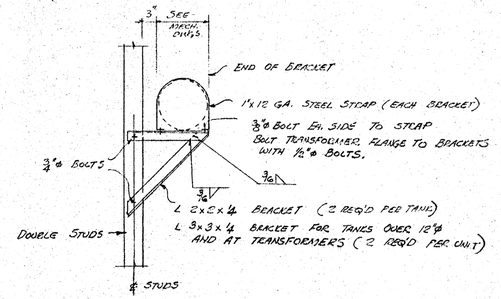


TYPICAL MUSIC AREA SECTION (S46/A)

SCALE 1/8" = 1'-0"

SECTION (S46/B)

SCALE: 1/2" = 1'-0"



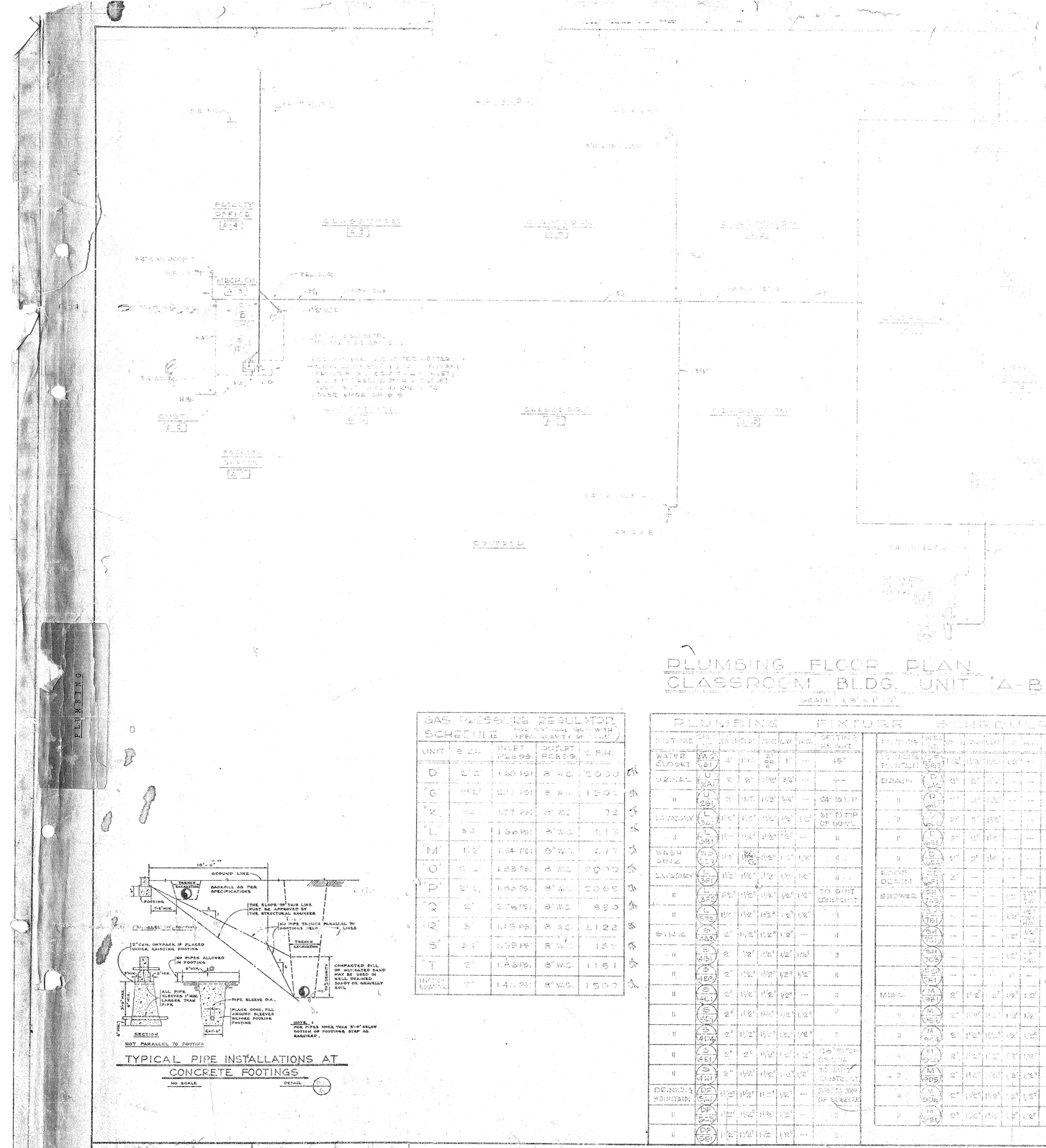
NOTE: SEE MECH. DWGS FOR BLDGS WHERE TANKS OCCUR, & FOR SIZE AND LOCATION OF TANKS. SEE ELECT. DWGS FOR TRANSFORMERS.

BRACKET (S46/C)

NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17 5 3 APPROVED JAN 5 - 19[illegible] Per [illegible]	UNIT "T" SECTIONS & DETAILS LA MIRADA HIGH SCHOOL EXCELSIOR UNIFIED HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	DATE 1-59 DR. BY O.A. CHECKED BY STA. JOB NO. SG-71
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER				SHEET NO. S46 OF SHEETS
	CIVIL ENGINEER				



PLUMBING FLOOR PLAN
CLASSROOM BLDG. UNIT 'A-B'

SCALE: 1/8" = 1'-0"

GAS PRESSURE REGULATOR SCHEDULE (NAT. GAS W/ SPECIFIC GRAVITY OF .65)				
UNIT	$\frac{3}{4}$"	INLET PRESS.	OUTLET PRESS.	C.F.H.
'D'	2"	1.45 PSI	8" W.C.	2000
'G'	1½"	2.11 PSI	8" W.C.	1500
'K'	¾"	1.77 PSI	8" W.C.	72
'L'	¾"	1.66 PSI	8" W.C.	610
'M'	1"	1.34 PSI	8" W.C.	677
'O'	2"	1.83 PSI	8" W.C.	2000
'P'	2½"	1.86 PSI	8" W.C.	2065
'Q'	2"	2.06 PSI	8" W.C.	850
'R'	3"	1.13 PSI	8" W.C.	5122
'S'	3"	1.09 PSI	8" W.C.	161
'T'	2"	1.29 PSI	8" W.C.	1151
UNDER FLOOR	2"	1.40 PSI	8" W.C.	1500

TYPICAL PIPE INSTALLATIONS AT CONCRETE FOOTINGS

NO SCALE — DETAIL

PLUMBING FIXTURE SCHEDULE

FIXTURE	SYM.	NOMINAL WASTE	NOMINAL VENT	H.W.	CENTER LINE HEIGHT	REMARKS
WATER CLOSET	WC-2 WC-1	4"	1½"	SEE NOTE 1	15"	
URINAL	U WAL	2"	2"	½"	24" TO L.P.	
"	U WBL	2"	1½"	½"		
LAUNDRY	L WAL	1½"	1½"	½"	21" TO TOP OF BOWL	
"	L WBL	1½"	1½"	½"	"	
WASH SINK	WS WSL	1½"	1½"	½"	6"	
LAUNDRY	GF	1½"	1½"	½"	1½"	6"
"	GF	1½"	1½"	½"	½"	1½"
"	GF	1½"	1½"	½"	½"	1½"
SINK	SA	2"	1½"	1½"	½"	6"
"	SA	2"	1½"	1½"	½"	6"
"	SA	2"	1½"	1½"	½"	6"
"	SA	2"	1½"	1½"	½"	6"
"	SA	2"	1½"	1½"	½"	6"
"	SA	2"	1½"	1½"	½"	6"
"	SA	2"	1½"	1½"	½"	6"
"	SA	2"	1½"	1½"	½"	6"
"	SA	2"	1½"	1½"	½"	6"
DRINKING FOUNTAIN	DF WAL	1½"	1½"	½"	—	42" TO TOP OF BUBBLER
"	DF WBL	1½"	1½"	½"	½"	6"
"	DF WBL	1½"	1½"	½"	½"	6"
"	DF WBL	1½"	1½"	½"	½"	—

FIXTURE	SYM.	NOMINAL WASTE	NOMINAL VENT	H.W.	CENTER LINE HEIGHT	REMARKS
FOUNTAIN	WF	1½"	1½"	½"	12"	42" A.F.F.
DRAIN	FD	2"	1½"	½"	—	3" —
"	FD	2"	1½"	½"	—	3" —
"	FD	2"	1½"	½"	—	—
"	FD	2"	1½"	½"	—	—
"	FD	2"	1½"	½"	—	—
FLOOR DRAIN	FD	2"	—	—	—	
SHOWER	SH	—	—	½"	7'-0"	7'-0" A.F.F.
"	SH	—	—	½"	7'-0"	7'-0" A.F.F.
"	SH	—	—	½"	7'-0"	7'-0" A.F.F.
"	SH	—	—	½"	7'-0"	7'-0" A.F.F.
"	SH	—	—	½"	7'-0"	7'-0" A.F.F.
"	SH	—	—	½"	7'-0"	7'-0" A.F.F.
MISC.	M SE1	2"	1½"	½"	1'-6"	
"	M SE1	2"	1½"	½"	1'-6"	
"	M SE1	2"	1½"	½"	1'-6"	
"	M SE1	2"	1½"	½"	1'-6"	
"	M SE1	2"	1½"	½"	1'-6"	
"	M SDB	2"	1½"	½"	1'-6"	
"	M SDB	2"	1½"	½"	1'-6"	
"	M SDB	2"	1½"	½"	1'-6"	

* WHEN THESE FLOOR DRAINS ARE USED ON A "COMBINATION" WASTE & VENT SYSTEM, THEY SHALL HAVE 2" SIAMESE 4" TEE.

PLUMBING NOTES:

1. ALL WATER CLOSETS SHALL BE OF THE LOW CONSUMPTION TYPE, WITH A MAXIMUM WATER CONSUMPTION OF 3.5 GALLONS PER FLUSH.
2. ALL FIXTURES SHALL BE SUPPLIED WITH ADEQUATE WATER PRESSURE TO PROPERLY OPERATE FIXTURE.
3. ALL VENTS SHALL BE RUN AS HIGH AS POSSIBLE AND SHALL BE CONCEALED WHERE POSSIBLE.
4. ALL WATER HEATERS SHALL BE EQUIPPED WITH T & P VALVES AND SHALL BE PIPED TO THE OUTSIDE OF THE BUILDING WHERE POSSIBLE.
5. ALL EXPOSED VENTS IN MECHANICAL ROOMS SHALL BE COORDINATED WITH HEATING CONTRACTOR.

ABBREVIATIONS

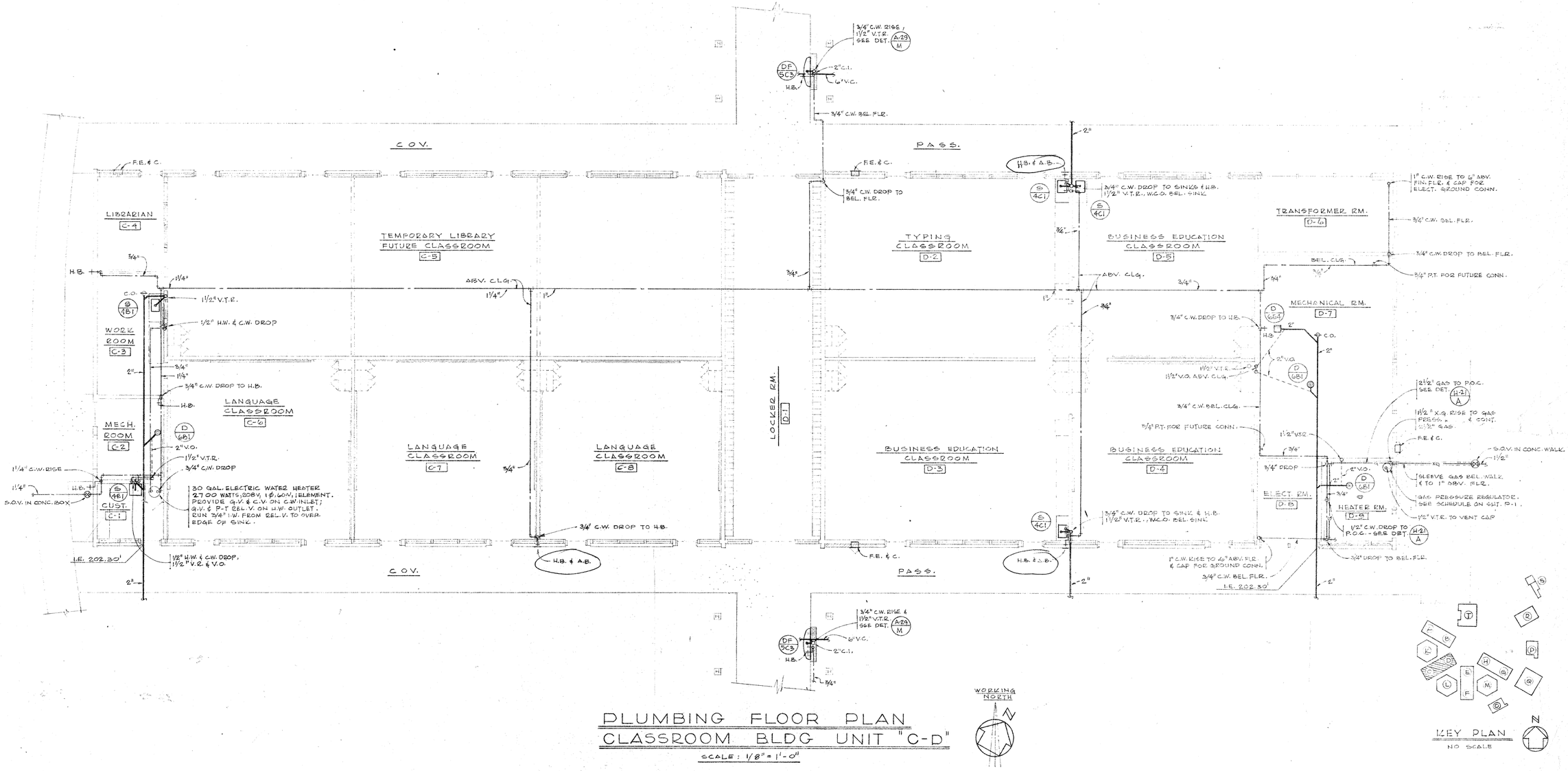
DRAIN & SEWER	
WASTE, DRAIN & SEWER	
VENT	
C.O.	CLEAN OUT
H.B.	HOSE BIBB
H.W.R.	HOT WATER RETURN
T.V.	TEMPERATURE VALVE
W.H.	WATER HEATER
S.V.	SAFETY VALVE
S.L.	SEISMIC LOOP
S.D.	SEISMIC DEVICE
S.V.	SAFETY VALVE
A.T.	AIR TANK
H.W.	HOT WATER
C.W.	COLD WATER
X.V.	EXPANSION VALVE
P.R.V.	PRESSURE (LOW PRESSURE) REGULATOR
W.C.	WATER CLOSET
F.C.O.	FLOOR CLEAN OUT
F.D.	FLOOR DRAIN
H.C.O.	HOUSE CLEAN OUT
H.D.	HUB DRAIN
H.B.	HOSE BIBB
H.W.H.	HOT WATER HEATER
P.R.V.	PRESSURE REDUCING VALVE
P.R.V.	PRESSURE (LOW PRESSURE) REGULATOR
P.R.V.	PRESSURE (LOW PRESSURE) REGULATOR
R.C.	ROOF DRAIN
V.	VENT
V.E.	VENT EITHER
V.O.	VENT OFFSET
V.T.H.	VENT THRU ROOF
W.I.	WELDED TEE
P.T.	PLUG TEE
F.H.C.S.	FIRE HOSE CABINET STEEL
F.H.R.	FIRE HOSE REACH
F.E.	FIRE EXTINGUISHER
F.E.S.C.	FIRE EXTINGUISHER CABINET
W.H.	WATER HEATER
D.S.	DOWNSPOUT
M.H.	MANHOLE
I.C.	IGNITION CHAMBER
C.B.	CATCH BASIN
C.I.	CAST IRON
V.C.	VITRIFIED CLAY
E.H.	EXTRA HEAVY
A.C.P.	ASBESTOS CEMENT PIPE
S.	SOIL
W.	WATER
HDR.	HEADER
A.B.	ANGLE BODY
A.P.	ACCESS PANEL
FIN. FLR.	FINISHED FLOOR
CLG.	CEILING
INVERT EL.	INVERT ELEVATION
ABV.	ABOVE
BEL.	BELOW
L.K.S.	LOOSE KEY STOP
P.O.C.	POINT OF CONNECTION
CLEAN OUT TO GRADE	CLEANOUT TO GRADE
F.S.	FINISHED SURFACE
EXP.	EXPOSED
CONT.	CONTINUATION
N.C.	NOT IN CONTRACT
R.	REMOVE & RELOCATE
U.G.	UNDER GROUND
PREFIX E	INDICATES EXISTING
S.S.	SERVICE SINK

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

PLUMBING FLOOR PLAN — DATE

ARCHITECT | MECHANICAL ENGINEER | ELECTRICAL ENGINEER | STRUCTURAL ENGINEER | CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA



PLUMBING FLOOR PLAN
CLASSROOM BLDG UNIT "C-D"

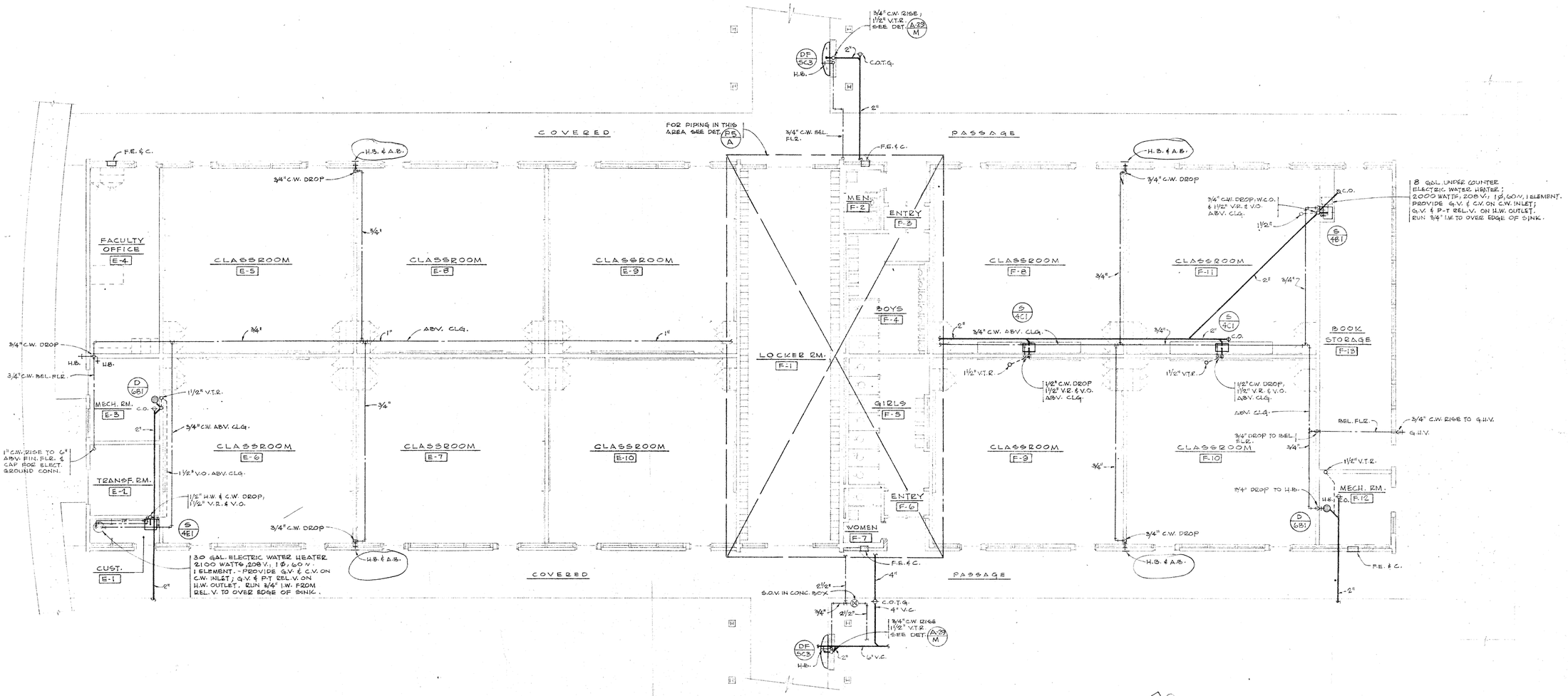
SCALE: 1/8" = 1'-0"

NOTES:

1. FOR CONTINUATION OF ALL OUTSIDE LINES SEE SHEET P-16
2. FOR PLUMBING NOTES, SYMBOLS & ABBREVIATIONS, & PLUMBING FIXTURE SCHEDULE, SEE SHT. P-1.

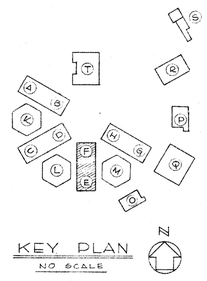
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

Mel Kisinni, ARCHITECT	Christian K. Wright, MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	PLUMBING FLOOR PLAN UNITS "C & D" 1/8" = 1'-0"
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER		LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA
	CIVIL ENGINEER		DATE DR. BY A.D. & H.B. CHECKED BY K.K. JOB NO. 56-71 SHEET NO. P2 OF SHEET



PLUMBING FLOOR PLAN
CLASSROOM BLDG. - UNIT "E-F"

SCALE: 1/8" = 1'-0"



NOTES:
1. FOR CONTINUATION OF ALL OUTSIDE LINES SEE SHEET P-16
2. FOR PLUMBING NOTES, & SYMBOLS AND ABBREVIATIONS, & & PLUMBING FIXTURE SCHEDULE, SEE SHT. P-1.

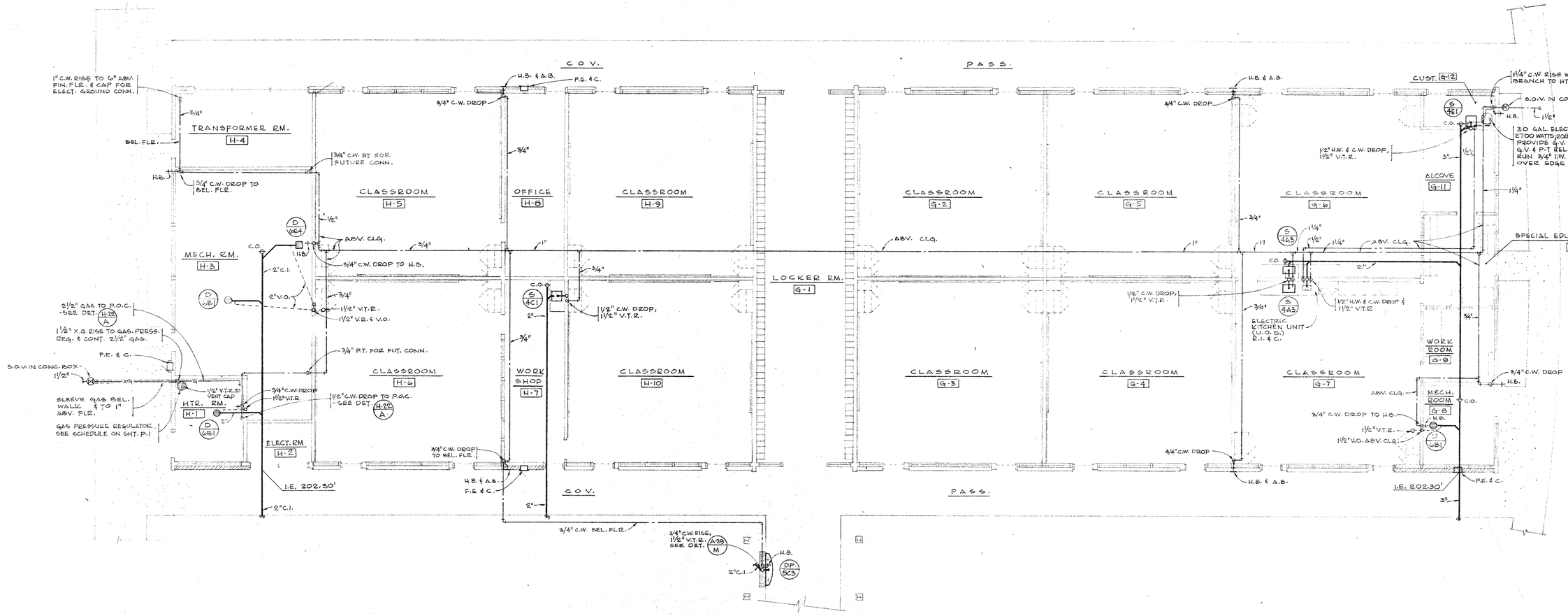
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER / CIVIL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
		ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

PLUMBING FLOOR PLAN UNITS "E-F"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE
DR. BY A.D. & H.B.
CHECKED BY
JOB NO. 56-71

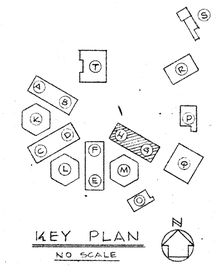
SHEET NO. P 3 OF SHEETS



WORKING NORTH

PLUMBING FLOOR PLAN
CLASSROOM BLDG. - UNIT "G-H"

SCALE: 1/8" = 1'-0"



NOTES:

1. FOR CONTINUATION OF ALL OUTSIDE LINES SEE SHT. P-16
2. FOR PLUMBING NOTES, AND SYMBOLS & ABBREVIATIONS, & PLUMBING FIXTURE SCHEDULE, SEE SHT. P-1.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	
	CIVIL ENGINEER	

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

PLUMBING FLOOR PLAN UNITS "G-H"

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE	
DR. BY A.P. & H.B.	
CHECKED BY LKK	
JOB NO. 56-71	
SHEET NO. P 4 OF SHEETS	

PLUMBING FLOOR PLAN
GIRLS SHOWER UNIT "O"

SCALE: 1/4" = 1'-0"

WORKING NORTH

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

NOTES:
1. FOR CONTINUATION OF ALL OUTSIDE LINES SEE SHT. P-16
2. FOR PLUMBING NOTES, SYMBOLS & ABBREVIATIONS, & PLUMBING FIXTURE SCHEDULE, SEE SHT. P-1.
3. ALL EXPOSED HOT WATER PIPING IN THIS UNIT SHALL NOT BE INSULATED, EXCEPT IN THE HEATER RM.

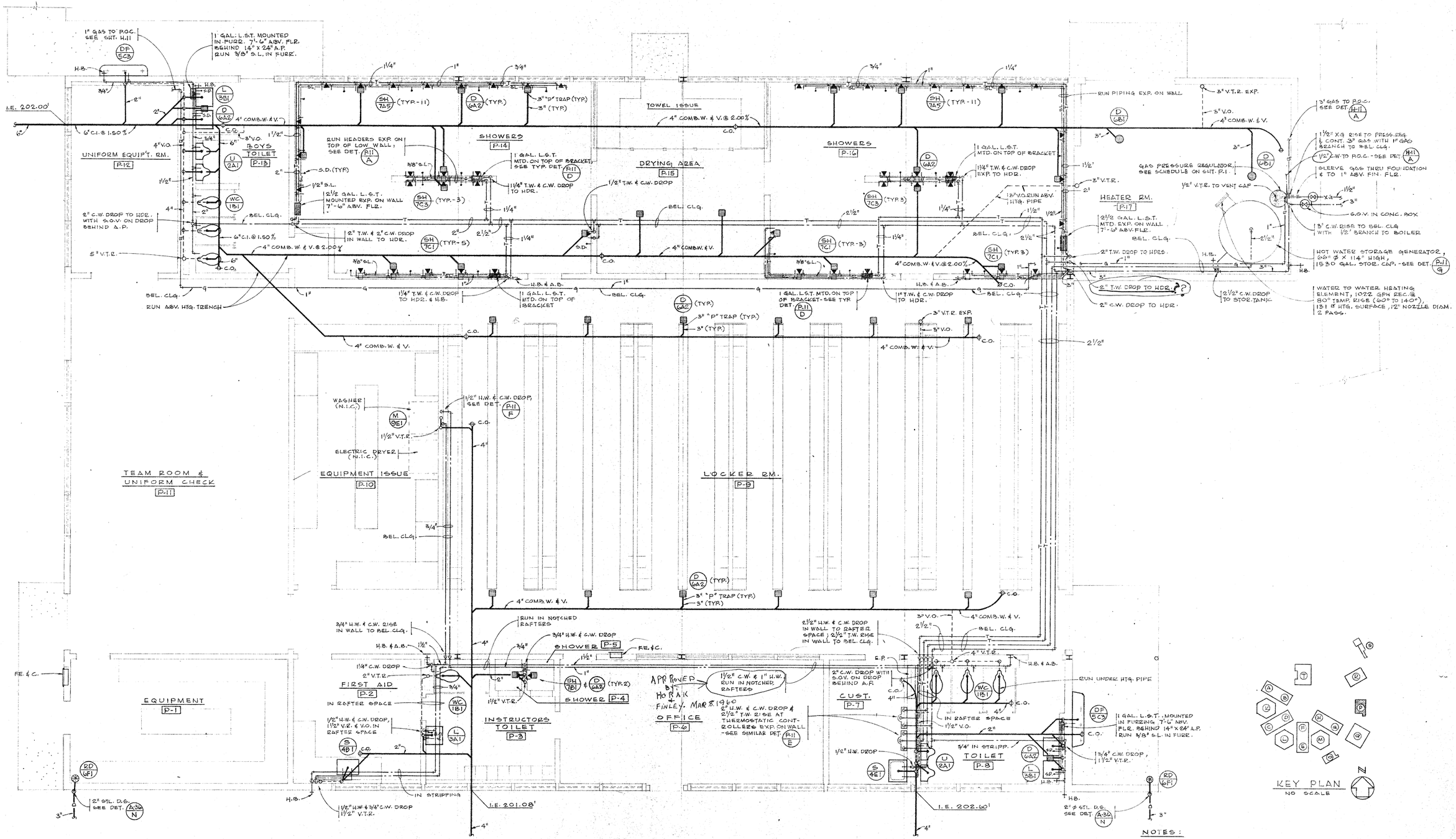
KEY PLAN
NO SCALE

ARCHITECT	MECHANICAL ENGINEER	
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

PLUMBING FLOOR PLAN UNIT "O" & DETAILS
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE
DR. BY A.D. & H.B.
CHECKED BY
JOB NO. 56-71
SHEET NO. P9 OF SHEETS



NOTES:

1. FOR CONTINUATION OF ALL OUTSIDE LINES SEE SHT. P-16
2. FOR PLUMBING NOTES, SYMBOLS & ABBREVIATIONS, & PLUMBING FIXTURE SCHEDULE SEE SHT. P-1.
3. HOT WATER & TEMPERED WATER LINES IN THIS UNIT SHALL NOT BE INSULATED EXCEPT IN THE HEATER RM.

PLUMBING FLOOR PLAN
BOYS SHOWER UNIT "P"

SCALE: 1/4" = 1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

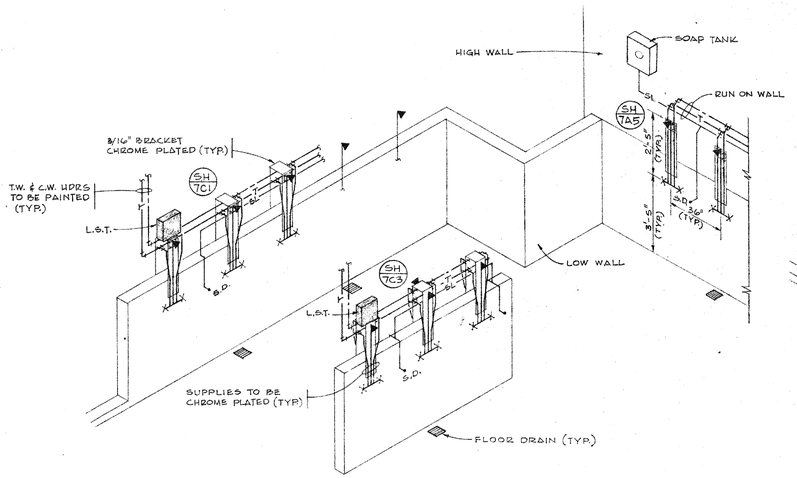
ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

PLUMBING FLOOR PLAN UNIT "P" & DETAILS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

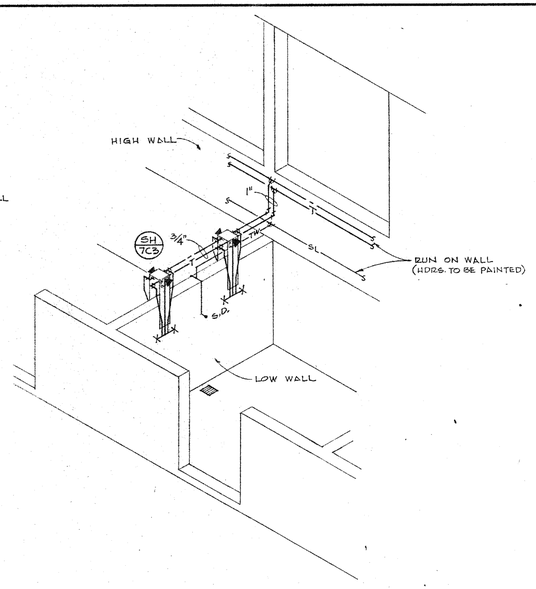
DATE	
DR. BY	A.D. & H.B.
CHECKED BY	
JOB NO.	56-71
SHEET NO.	P10
OF SHEETS	



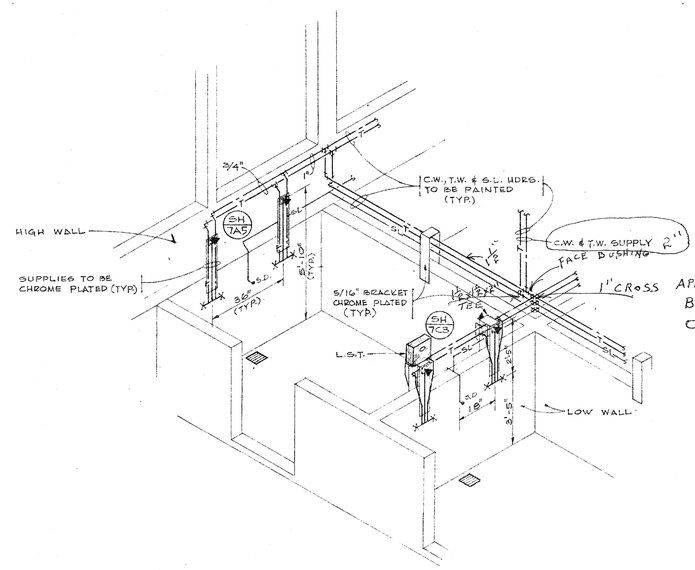
PIPING ARRANGEMENT AT BOYS SHOWER

NO SCALE

DETAIL P-11 / A



DETAIL P-11 / B

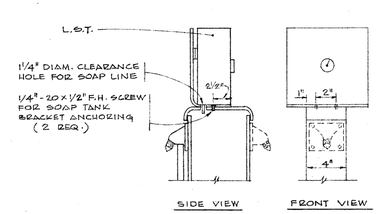


APPROVED BY. BOH DAN. - HORAK. OCT 13. 1959

DETAIL P-11 / C

PIPING ARRANGEMENTS AT GIRLS SHOWERS

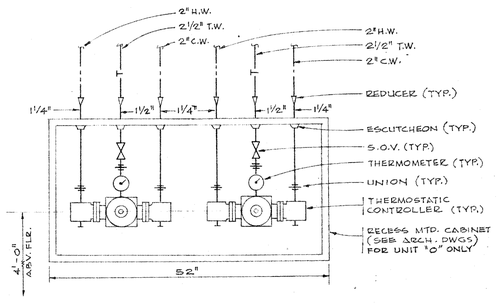
NO SCALE



SOAP TANK ANCHORING

NO SCALE

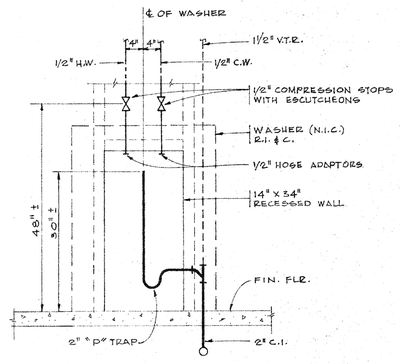
DETAIL P-11 / D



PIPING ARRANGEMENT AT THERMOSTATIC CONTROLLERS

NO SCALE

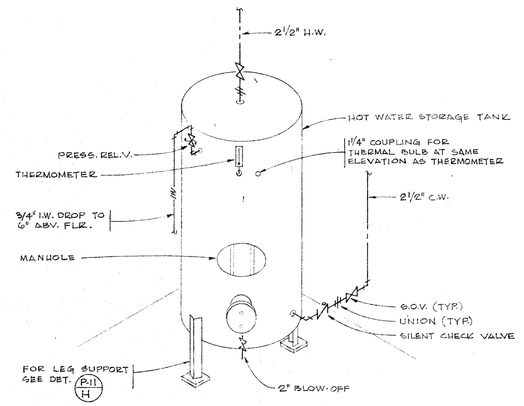
DETAIL P-11 / E



PIPING ARRANGEMENT AT CLOTHESWASHER

NO SCALE

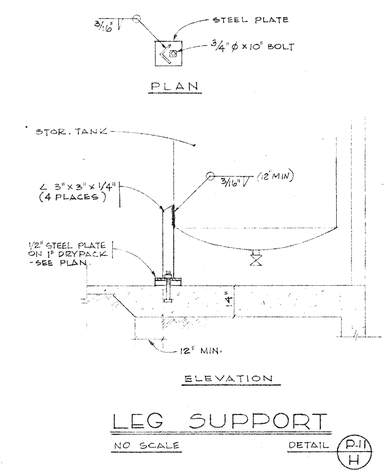
DETAIL P-11 / F



PIPING ARRANGEMENT AT HOT WATER STORAGE GENERATOR

NO SCALE

DETAIL P-11 / G



LEG SUPPORT

NO SCALE

DETAIL P-11 / H

NOTES:

1. FOR PLUMBING NOTES, SYMBOLS & ABBREVIATIONS, AND PLUMBING FIXTURE SCHEDULE SEE SHT. P-1.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

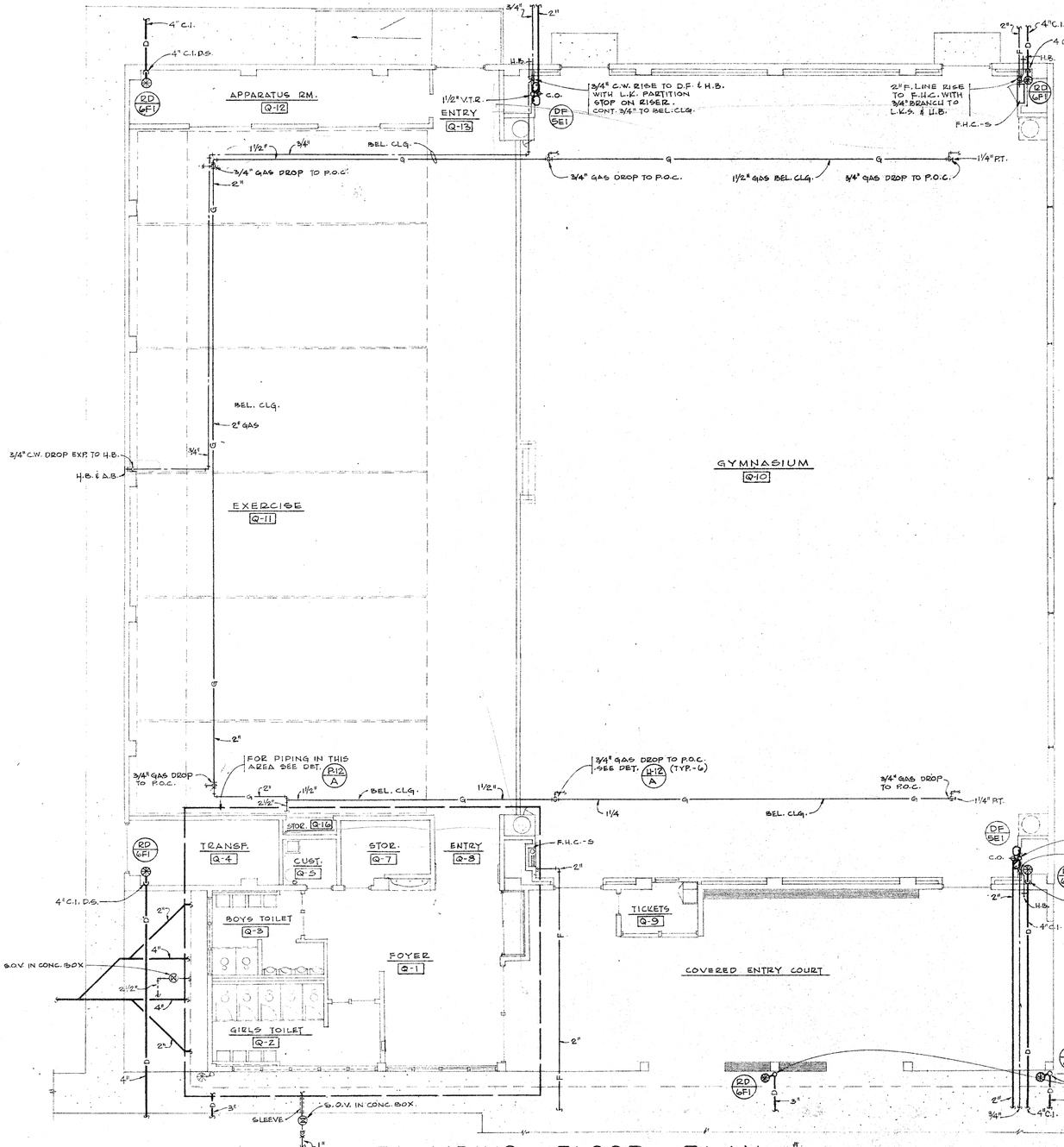
ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
	CIVIL ENGINEER	ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

PLUMBING DETAILS SHOWER AREA UNITS "O" & "P"

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

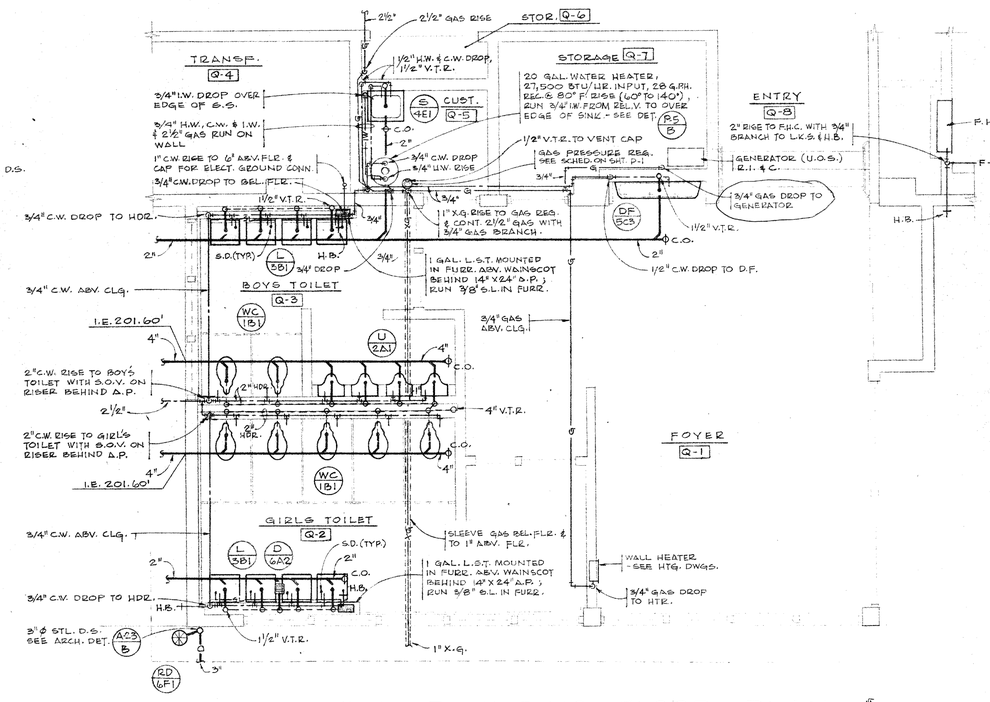
DATE
DR. BY A.D. & H.B.
CHECKED BY
JOB NO. 56-71

SHEET NO. P11 OF SHEETS



PLUMBING FLOOR PLAN
GYMNASIUM UNIT "Q"

SCALE : 1/8" = 1'-0"

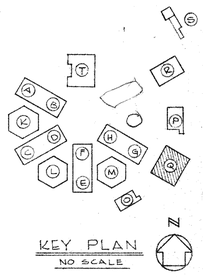


PARTIAL PLUMBING FLOOR PLAN
GYMNASIUM UNIT "Q"

SCALE : 1/4" = 1'-0"

DETAIL P-12 A

WORKING NORTH



NOTES:

1. FOR CONTINUATION OF ALL OUTSIDE LINES SEE SHEET P-16
2. FOR PLUMBING NOTES, SYMBOLS & ABBREVIATIONS, AND PLUMBING FIXTURE SCHEDULE SEE SHT. P-1.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	
	CIVIL ENGINEER	

KISTNER, WRIGHT & WRIGHT

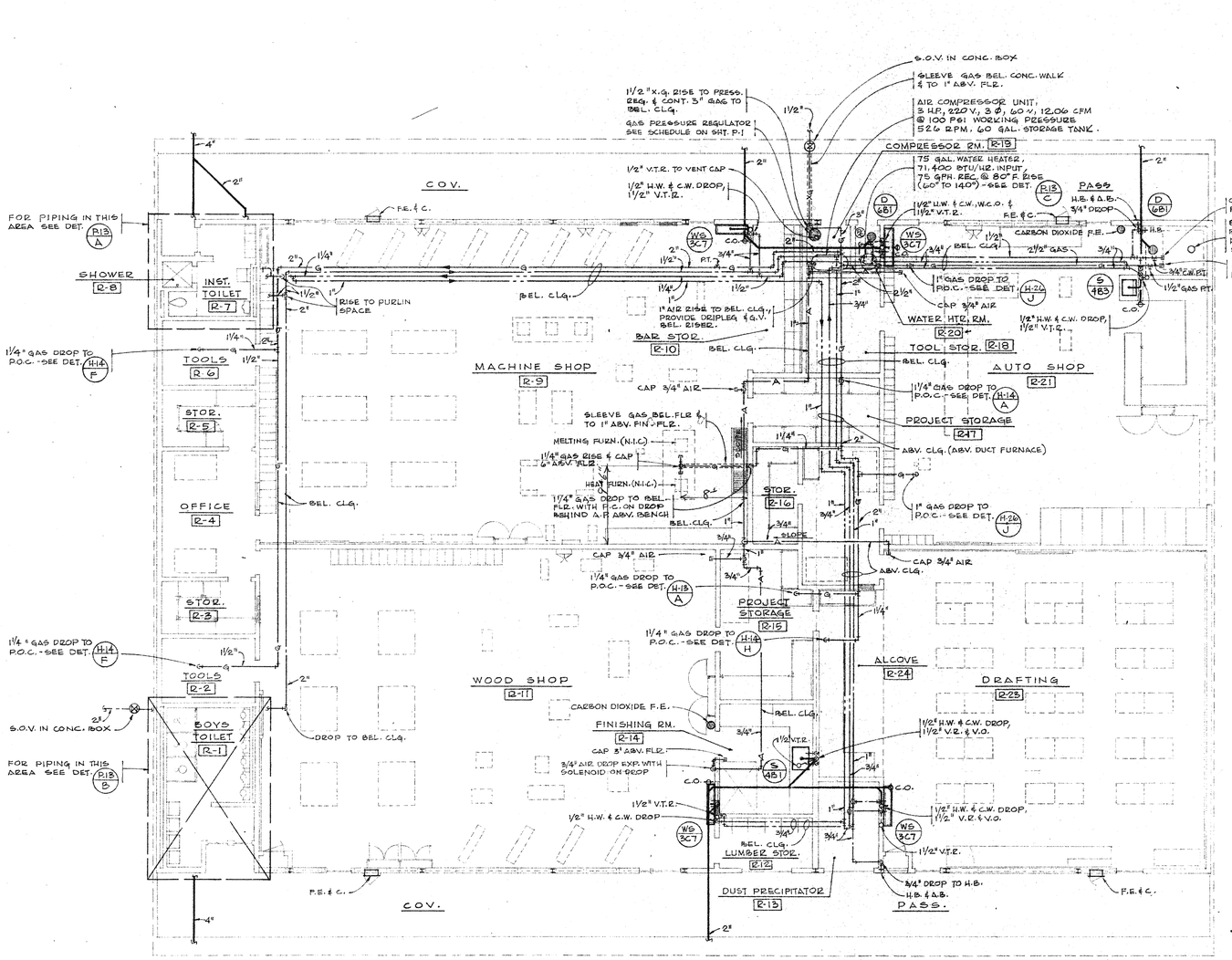
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

PLUMBING FLOOR PLAN UNIT "Q" & DETAILS

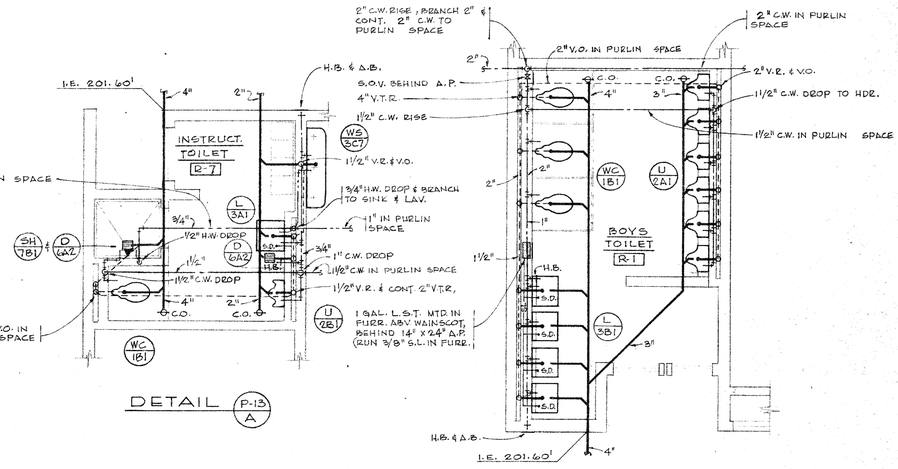
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE	
DR. BY	A.D. & H.B.
CHECKED BY	
JOB NO.	36-71
SHEET NO.	P12
OF SHEETS	



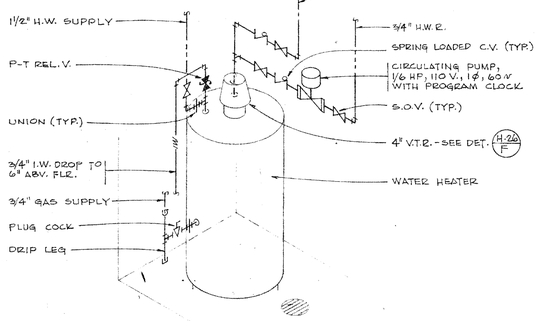
PLUMBING FLOOR PLAN
SHOP BUILDING - UNIT "R"

SCALE: 1/8" = 1'-0"



DETAIL P-13 A

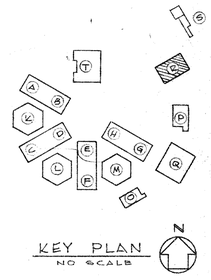
DETAIL P-13 B



WATER HEATER DETAIL

NO SCALE

DETAIL P13 C



KEY PLAN
NO SCALE

NOTES:

1. FOR CONTINUATION OF ALL OUTSIDE LINES SEE SHEET P-16.
2. FOR PLUMBING NOTES, SYMBOLS & ABBREVIATIONS, AND PLUMBING FIXTURE SCHEDULE SEE SHT. P-1.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	
	CIVIL ENGINEER	

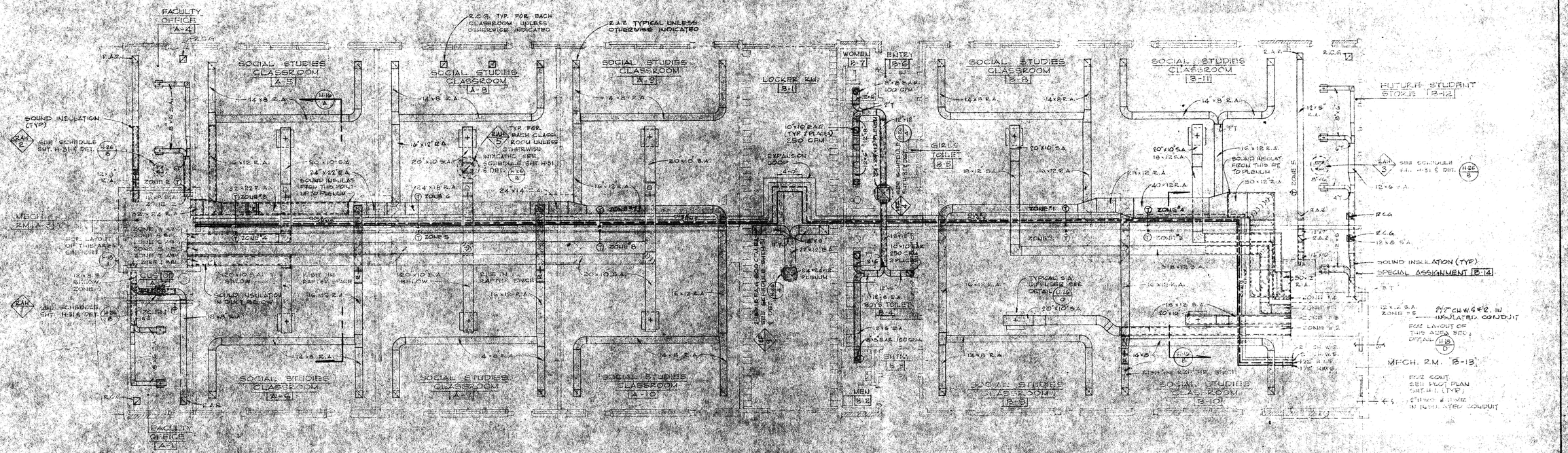
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

PLUMBING FLOOR PLAN UNIT "R" & DETAILS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE
DR. BY A.D. & H.B.
CHECKED BY ASC
JOB NO. 6-74

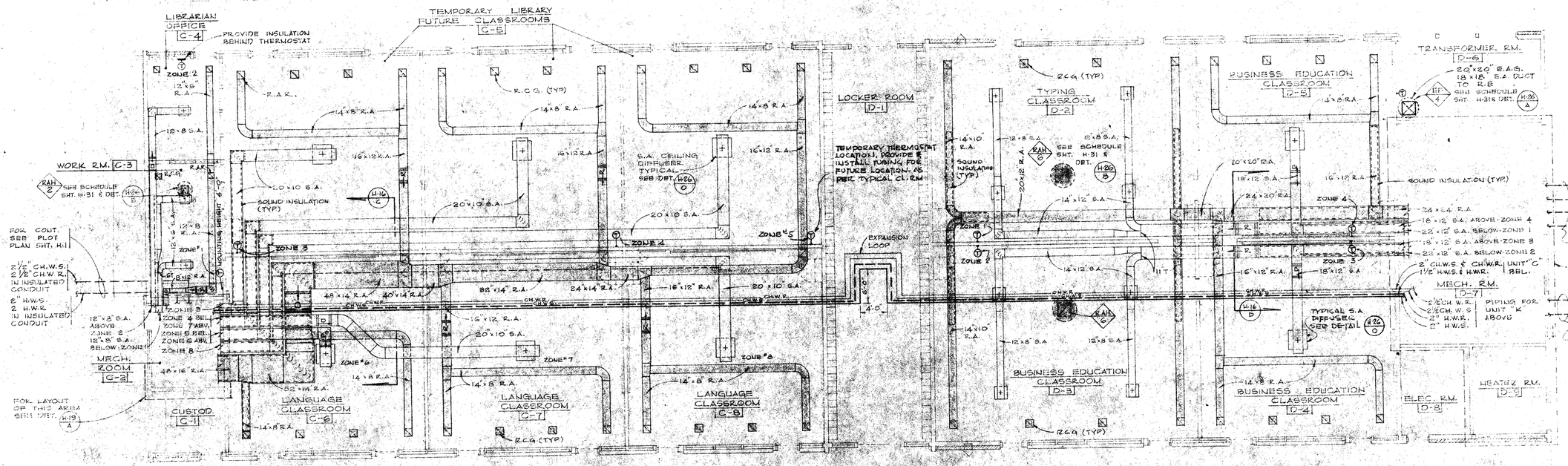
SHEET NO. P13 OF SHEETS


FACULTY OFFICE A-4
SOCIAL STUDIES CLASSROOM A-5
SOCIAL STUDIES CLASSROOM A-8
SOCIAL STUDIES CLASSROOM A-9
LOCKER RM. B-1
WOMEN B-7
ENTRY B-6
SOCIAL STUDIES CLASSROOM B-8
SOCIAL STUDIES CLASSROOM B-11
FUTURE STUDENT STORE B-12
GIRLS TOILET B-5
SOCIAL STUDIES CLASSROOM A-6
SOCIAL STUDIES CLASSROOM A-7
SOCIAL STUDIES CLASSROOM A-10
MEN B-4
SOCIAL STUDIES CLASSROOM B-9
SOCIAL STUDIES CLASSROOM B-10
FACULTY OFFICE A-1
R.A.R. TYPICAL UNLESS OTHERWISE INDICATED
R.C.G. TYP. FOR EACH CLASSROOM UNLESS OTHERWISE INDICATED
SOUND INSULATION (TYP)
SEE SCHEDULE SHT. H-3 & DET. H26/B
SEE SCHEDULE SHT. H-3 & DET. H26/A
TYP. FOR EACH CLASS ROOM UNLESS OTHERWISE INDICATED. SEE SCHEDULE SHT. H-3 & DET. H26/B
SOUND INSULAT FROM THIS PT. UP TO PLENUM
SOUND INSULATION IN DUCT BELOW
RISE IN RAFTER SPACE
EXPANSION JOINT
SEE SCHEDULE SHT. H-3 & DET. H26/B
SEE SCHEDULE SHT. H-3 & DET. H26/A
SEE SCHEDULE SHT. H-3 & DET. H26/B
SEE SCHEDULE SHT. H-3 & DET. H26/B
SEE SCHEDULE SHT. H-3 & DET. H26/B

FOR THERMOSTAT LOCATIONS IN CLASSROOMS SEE BUILDINGS "A" & "B" UNLESS OTHERWISE INDICATED

FOR RELIEF AIR HOODS IN CLASSROOMS SEE BUILDINGS "A" & "B" (5 TO BE PROVIDED IN C-8) UNLESS OTHERWISE INDICATED

FOR EXHAUST SYSTEM IN LOCKER ROOM D-1 SEE SHEET H-2



HEATING AND VENTILATING FLOOR PLAN CLASSROOM BLDG. UNIT "C" & "D"

SCALE: 1/8"=1'-0"

WORKING NORTH

CLASSROOM BLDG. UNIT "C" & "D"
SUPPLY AIR DIFFUSER SCHEDULE

ROOM NO.	ROOM	TOTAL CFM PER RM.	CFM @ OUTLET	NECK DIAM.	NO. OF DIFF.	ZONE	REMARKS
C-3	WORK R.M.	220	110	5"	2	1	
C-4	LIBRARIAN OFFICE	165	165	6"	1	2	
C-5	TEMPORARY LIBRARY FUTURE CLASSROOMS	2,525	1,175	15"	3	3,4,5	
C-6	LANGUAGE CLASSROOM	1,175	1,175	15"	1	6	
C-7	" " "	1,175	1,175	15"	1	7	
C-8	" " "	1,175	1,175	15"	1	8	
D-2	TYPING CLASSROOM	1,540	385	10"	4	1	
D-3	BUSINESS EDUCATION CLASSRM.	1,540	385	10"	4	2	
D-4	" " " "	1,175	1,175	15"	1	3	
D-5	" " " "	1,175	1,175	15"	1	4	

CLASSROOM BLDG. UNIT "C" & "D"
RETURN AIR REGISTER & RELIEF GRILLE SCHEDULE

ROOM NO.	ROOM	TOTAL CFM PER RM.	CFM @ INLET	R.A.R. SIZE	R.A.R. NO. OF	R.C.G. SIZE	R.C.G. NO. OF	REMARKS
C-3	WORK R.M.	185	185	10"x10"	1	10"x10"	1	INSTALL W/ AIR VALVE
C-4	LIBRARIAN OFFICE	140	140	10"x10"	1	10"x10"	1	INSTALL W/ AIR VALVE
C-5	TEMPORARY LIBRARY FUTURE CLASSROOMS	5,000	500	14"x14"	6	14"x14"	6	
C-6	LANGUAGE CLASSROOM	1,000	500	14"x14"	2	14"x14"	2	
C-7	" "	1,000	500	14"x14"	2	14"x14"	2	
C-8	" "	1,000	500	14"x14"	2	14"x14"	2	
D-2	TYPING CLASSROOM	1,320	660	16"x16"	2	16"x16"	2	
D-3	BUSINESS EDUCATION CLASSRM.	1,320	660	16"x16"	2	16"x16"	2	
D-4	" " "	1,000	500	14"x14"	2	14"x14"	2	
D-5	" " "	1,000	500	14"x14"	2	14"x14"	2	INSTALL W/ AIR VALVE

NOTE
FOR AIR VALVE INSTALLATION SEE DETAIL H32 D

NOTES:
1. FOR HEATING & VENTILATING NOTES, SYMBOLS, & ABBREVIATIONS SEE SHT. H-1.
2. FOR S.A. DIFFUSER, R.A. REGISTER, & RELIEF CEILING GRILLE SIZES REFER TO SCHEDULES THIS SHT.
3. FOR CONTROL DIAGRAM SEE SHT H-29
4. SHADED DUCTWORK INDICATES RETURN AIR, EXHAUST AIR, AND RELIEF AIR SYSTEMS.

KEY PLAN
NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT
STRUCTURAL ENGINEER
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

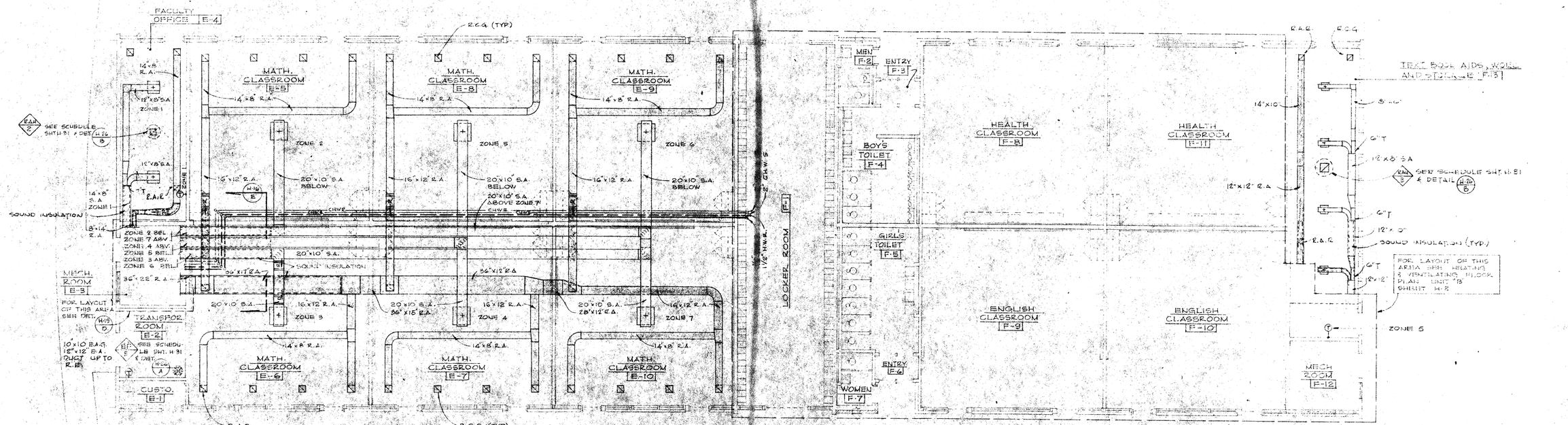
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

FLOOR PLAN & SCHEDULES - UNITS C & D

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE
DR. BY GH & S.
CHECKED BY
JOB NO. 56-71

SHEET NO. H3 OF SHEETS



HEATING AND VENTILATING FLOOR PLAN CLASSROOM BLDG. UNIT "E" & "F"

SCALE: 1/8"=1'-0"

N

CLASSROOM BLDG. UNIT E & F
SUPPLY AIR DIFFUSER SCHEDULE

ROOM NO.	ROOM	TOTAL CFM PER RM.	CFM @ OUTLET	NECK DIAM.	NO. OF DIFF.	ZONE	REMARKS
E-4	FACULTY OFFICE	460	230	7"	2	1	
E-5	MATH. CLASSROOM	1,175	1,175	15"	1	2	
E-6	" "	1,175	1,175	15"	1	3	
E-7	" "	1,175	1,175	15"	1	4	
E-8	" "	1,175	1,175	15"	1	5	
E-9	" "	1,175	1,175	15"	1	6	
E-10	" "	1,175	1,175	15"	1	7	
F-8	HEALTH CLASSROOM	1,175	1,175	15"	1	1	
F-9	ENGLISH CLASSROOM	1,175	1,175	15"	1	2	
F-10	" "	1,175	1,175	15"	1	3	
F-11	HEALTH CLASSROOM	1,175	1,175	15"	1	4	
F-13	TEXT BOOK AIDS WORK & STORAGE	700	175	6"	4	5	

CLASSROOM BLDG. UNIT "E" & "F"
RETURN AIR REGISTER & RELIEF GRILLE SCHEDULE

ROOM NO.	ROOM	TOTAL CFM PER RM.	CFM @ INLET	R.A.R. SIZE	R.A.R. NO. OF	R.C.G. SIZE	R.C.G. NO. OF	REMARKS
E-4	FACULTY OFFICE	390	390	12"x12"	2	14"x14"	1	INSTALL W/ AIR VALVE
E-5	MATH. CLASSROOM	1,000	500	14"x14"	2	14"x14"	2	INSTALL W/ AIR VALVE
E-6	" "	1,000	500	14"x14"	2	14"x14"	2	
E-7	" "	1,000	500	14"x14"	2	14"x14"	2	
E-8	" "	1,000	500	14"x14"	2	14"x14"	2	
E-9	" "	1,000	500	14"x14"	2	14"x14"	2	
E-10	" "	1,000	500	14"x14"	2	14"x14"	2	
F-8	HEALTH CLASSROOM	1,000	500	14"x14"	2	14"x14"	2	
F-9	ENGLISH CLASSROOM	1,000	500	14"x14"	2	14"x14"	2	
F-10	" "	1,000	500	14"x14"	2	14"x14"	2	
F-11	HEALTH CLASSROOM	1,000	500	14"x14"	2	14"x14"	2	INSTALL W/ AIR VALVE
F-13	TEXT BOOK AIDS WORK & STORAGE	595	595	12"x12"	2	14"x14"	1	INSTALL W/ AIR VALVE

NOTE: FOR AIR VALVE INSTALLATION SEE DETAIL H-32/D

NOTES:
1. FOR HEATING & VENTILATING NOTES, SYMBOLS, & ABBREVIATIONS SEE SHT. H-1
2. FOR S.A. DIFFUSER, R.A. REGISTER, & RELIEF CEILING GRILLE SIZES REFER TO SCHEDULES THIS SHT.
3. FOR CONTROL DIAGRAM SEE SHT H-29
4. SHADED DUCTWORK INDICATES RETURN AIR, EXHAUST AIR, & RELIEF AIR SYSTEMS.

KEY PLAN

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

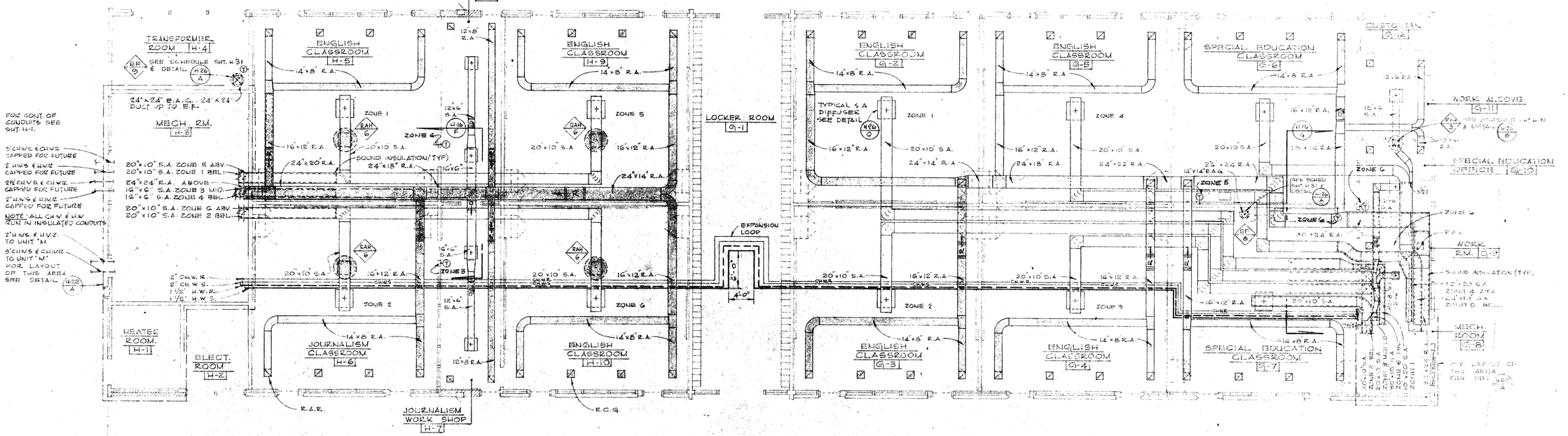
FLOOR PLANS & SCHEDULES - UNITS "E" & "F"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE
DR. BY
CHECKED BY
JOB NO. 56-71
SHEET NO. H4
OF SHEETS

FOR THERMOSTAT LOCATIONS IN CLASSROOMS SEE BUILDINGS "A" & "B" SHT. H-2 UNLESS OTHERWISE INDICATED.

FOR RELIEF AIR HOODS IN CLASSROOMS SEE BUILDINGS "A" & "B" SHT. H-2.

FOR EXHAUST SYSTEM IN LOCKER ROOM G-1 SEE SHT. H-2



WORKING NORTH



HEATING AND VENTILATING FLOOR PLAN CLASSROOM BLDG. UNIT "G" & "H"

SCALE: 1/8"=1'-0"

CLASSROOM BLDG. UNIT "G" & "H"
SUPPLY AIR DIFFUSER SCHEDULE

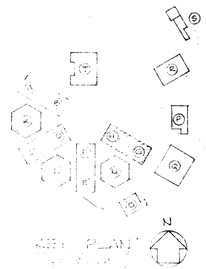
ROOM NO.	ROOM	TOTAL CFM PER RM.	CFM @ OUTLET	NECK DIAM.	NO. OF DIFF.	ZONE	REMARKS
G-2	ENGLISH CLASSROOM	1,175	1,175	15"	1	1	
G-3	" "	1,175	1,175	15"	1	2	
G-4	" "	1,175	1,175	15"	1	3	
G-5	" "	1,175	1,175	15"	1	4	
G-6	SPECIAL EDUCATION CLASSRM.	1,175	1,175	15"	1	5	
G-7	" " "	1,175	1,175	15"	1	6	
G-9	WORK ROOM	170	170	6"	1	6	
G-10	SPECIAL EDUCATION OFFICE	210	210	7"	1	6	
G-11	WORK ALCOVE	195	195	7"	1	5	
H-5	ENGLISH CLASSROOM	1,175	1,175	15"	1	1	
H-6	JOURNALISM CLASSROOM	1,175	1,175	15"	1	2	
H-7	JOURNALISM WORK SHOP	380	190	7"	2	3	
H-8	ENGLISH DEP. OFFICE	380	190	7"	2	4	
H-9	ENGLISH CLASSROOM	1,175	1,175	15"	1	5	
H-10	" "	1,175	1,175	15"	1	6	

CLASSROOM BLDG. UNIT "G" & "H"
RETURN AIR REGISTER & RELIEF GRILLE SCHEDULE

ROOM NO.	ROOM	TOTAL CFM PER RM.	CFM @ INLET	R.A.R. SIZE	R.A.R. NO. OF	R.C.G. SIZE	R.C.G. NO OF	REMARKS
G-2	ENGLISH CLASSROOM	1,000	500	14"x14"	2	14"x14"	2	
G-3	" "	1,000	500	14"x14"	2	14"x14"	2	
G-4	" "	1,000	500	14"x14"	2	14"x14"	2	
G-5	" "	1,000	500	14"x14"	2	14"x14"	2	
G-6	SPECIAL EDUCATION CLASSRM.	1,000	500	14"x14"	2	14"x14"	2	
G-7	" " "	1,000	500	14"x14"	2	14"x14"	2	
G-9	WORK ROOM	145	145	10"x10"	1	10"x10"	1	INSTALL W/ AIR VALVE
G-10	SPECIAL EDUCATION OFFICE	180	180	10"x10"	1	10"x10"	1	INSTALL W/ AIR VALVE
G-11	WORK ALCOVE	165	165	10"x10"	1	10"x10"	1	INSTALL W/ AIR VALVE
H-5	ENGLISH CLASSROOM	1,000	500	14"x14"	2	14"x14"	2	INSTALL W/ AIR VALVE
H-6	JOURNALISM CLASSROOM	1,000	500	14"x14"	2	14"x14"	2	INSTALL W/ AIR VALVE
H-7	JOURNALISM CLASSROOM	320	320	12"x12"	1	12"x12"	1	
H-8	ENGLISH DEP. OFFICE	320	320	12"x12"	1	12"x12"	1	
H-9	ENGLISH CLASSROOM	1,000	500	14"x14"	2	14"x14"	2	
H-10	" "	1,000	500	14"x14"	2	14"x14"	2	

NOTE
FOR AIR VALVE INSTALLATION SEE DETAIL H32 D

NOTES:
1. FOR HEATING & VENTILATING NOTES, SYMBOLS & ABBREVIATIONS SHT. H-1.
2. FOR S.A. DIFFUSER, R.A. REGISTER, & RELIEF CEILING GRILLE SIZES REFER TO SCHEDULES THIS SHT.
3. FOR CONTROL DIAGRAM SEE SHT. H-29
4. SHADED DUCTWORK INDICATES RETURN AIR, EXHAUST AIR, AND RELIEF AIR SYSTEMS



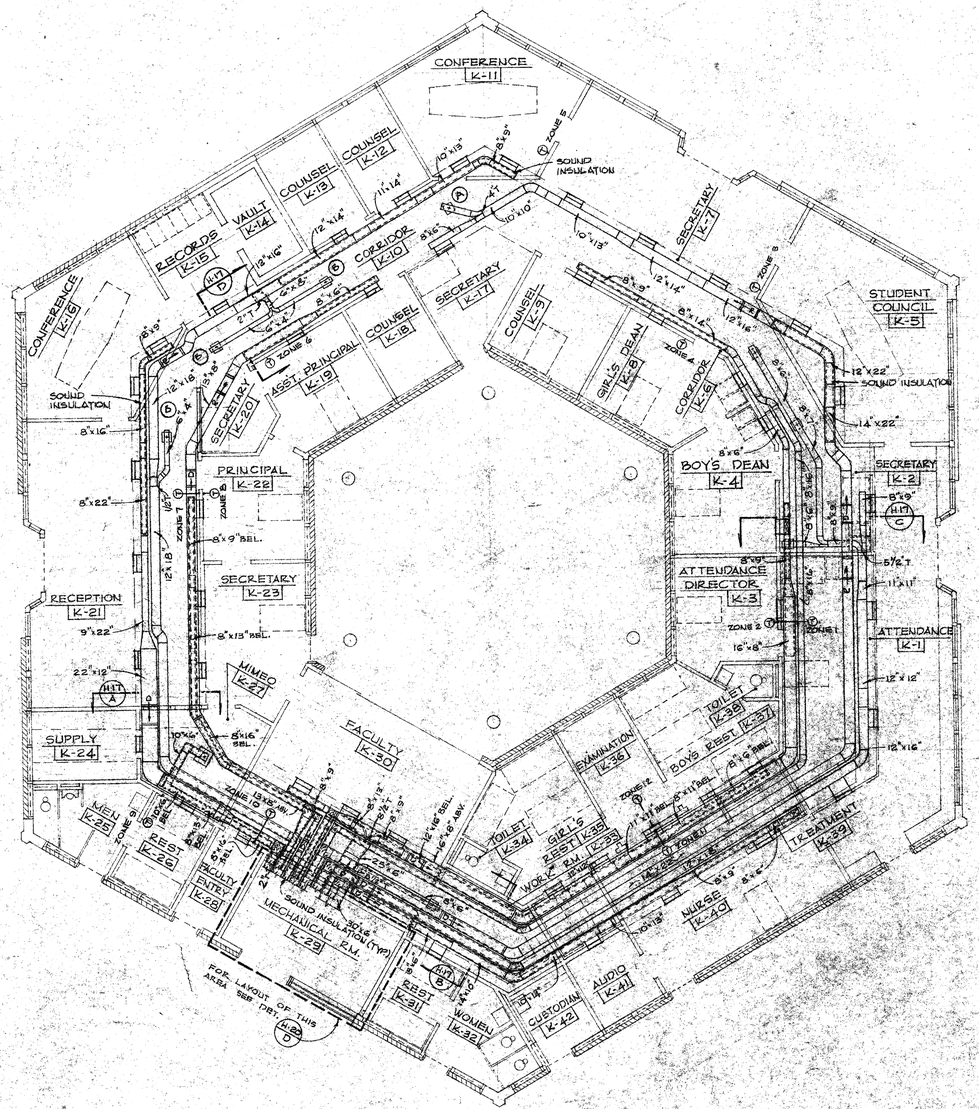
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

FLOOR PLANS & DIMENSIONS - UNIT "G" & "H"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CAL. FOR A

DATE
DR. BY E.J.G. & J.G.
CHECKED BY
JOB NO. 56-71
SHEET NO. H5
OF SHEETS



ADMINISTRATION BLDG. ——— UNIT "K"
S.A. DIFFUSER AND REGISTER SCHEDULE

ROOM NO.	ROOM	TOTAL C.F.M. PER R.M.	C.F.M. @ OUTLET	C.D. NECK DIAM.	S.A.R. SIZE	NO. OF	ZONE	DEFLECTION	REMARKS
K-1	ATTENDANCE	960	240	——	24"x4"	4	1	5A	MOUNTING HEIGHT 10'-0" ABOVE FIN. FLOOR.
K-2	SECRETARY	80	80	6"	——	1	1	2-WAY BLOW	
K-3	ATTENDANCE DIRECTOR	250	250	——	24"x4"	1	2	5A	
K-4	BOYS DEAN	290	145	——	20"x4"	2	2	3E 3F	
K-5	STUDENT COUNCIL	720	360	——	24"x6"	2	3	5A	MOUNTING HEIGHT 10'-0" ABOVE FIN. FLOOR.
K-6	CORRIDOR	160	80	6"	——	2	1	4-WAY BLOW	
K-7	SECRETARY	750	250	——	24"x4"	3	3	5A	
K-8	GIRL'S DEAN	290	145	——	20"x4"	2	4	3E 3F	
K-9	COUNSEL	245	245	——	24"x4"	1	4	5A	
K-10	CORRIDOR	140	140	6"	——	1	5	4-WAY BLOW	(A)
K-10	"	195	65	4"	——	3	5	4-WAY BLOW	(B)
K-11	CONFERENCE	540	270	——	24"x6"	2	5	3E 3F	MOUNTING HEIGHT 12'-0" ABOVE FIN. FLR.
K-12	COUNSEL	175	175	——	20"x4"	1	5	5A	
K-13	"	175	175	——	20"x4"	1	5	5A	
K-15	RECORDS	175	175	——	20"x4"	1	5	5A	
K-16	CONFERENCE	540	270	——	24"x6"	2	7	3E 3F	MOUNTING HEIGHT 10'-0" ABOVE FIN. FLR.
K-17	SECRETARY	200	200	——	24"x4"	1	8	5A	
K-18	COUNSEL	150	150	——	20"x4"	1	6	5A	
K-19	ASSISTANT PRINCIPAL	250	250	——	24"x4"	1	6	5A	
K-21	RECEPTION	840	280	——	24"x4"	3	7	5A	
K-22	PRINCIPAL	250	250	——	24"x4"	1	8	5A	
K-23	SECRETARY	320	160	——	20"x4"	2	8	3E 3F	
K-24	SUPPLY	155	155	——	20"x4"	1	7	5A	MOUNTING HEIGHT 10'-0" ABOVE FIN. FLOOR.
K-26	REST	145	145	——	20"x4"	1	9	5A	MOUNTING HEIGHT 8'-6" ABOVE FIN. FLOOR.
K-27	MIMEO	155	155	6"	——	1	9	4-WAY BLOW	
K-28	FACULTY ENTRY	120	120	——	18"x4"	1	9	3L	MOUNTING HEIGHT 10'-0" ABOVE FIN. FLOOR.
K-30	FACULTY	690	230	——	24"x4"	3	10	5A	MOUNTING HEIGHT 9'-0" ABOVE FIN. FLOOR.
K-31	REST	145	145	——	20x4	1	9	5A	MOUNTING HEIGHT 8'-6" ABOVE FIN. FLOOR.
K-33	WORK R.M.	155	155	6"	——	1	10	3-WAY BLOW	
K-35	GIRL'S REST	440	220	——	24"x4"	2	12	3-E 3-F	
K-36	EXAMINATION	210	210	——	24"x4"	1	12	5-A	
K-37	BOYS REST	300	150	——	20"x4"	2	12	3E 3F	
K-39	TREATMENT	65	65	5"	——	1	11	2-WAY BLOW	
K-40	NURSE	460	230	——	24"x4"	2	11	5A	MOUNTING HEIGHT 10'-0" ABOVE FIN. FLOOR.
K-41	AUDIO	135	135	——	20"x4"	1	11	3L	"

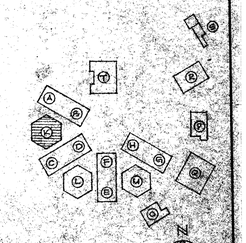
NOTE

SUPPLY AIR REGISTER DEFLECTION CODING IS BARBER-COLMAN AND IS TO BE USED FOR REFERENCE ONLY.

NOTES

1. FOR HEATING AND VENTILATING NOTES, SYMBOLS AND ABBREVIATIONS SEE SHT H-1
2. FOR RETURN AIR & EXHAUST AIR DUCTWORK LAYOUT SEE SHEET H-7
3. PROVIDE AND INSTALL EXTRACTOR IN MAIN TRUNK FOR ALL SIDE WALL SUPPLY AIR REGISTERS.
4. ALL SUPPLY AIR REGISTERS MOUNTED 11'-0" TO CENTER LINE ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED.
5. FOR CONTROL DIAGRAM SEE SHEET H-29
6. FOR S.A. DIFFUSER & REGISTER SIZES REFER TO SCHEDULE THIS SHT.

HEATING AND VENTILATING FLOOR PLAN ADMINISTRATION BLDG. UNIT "K"
SUPPLY AIR DUCTWORK
SCALE: 1/8" = 1'-0"



KEY PLAN
NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

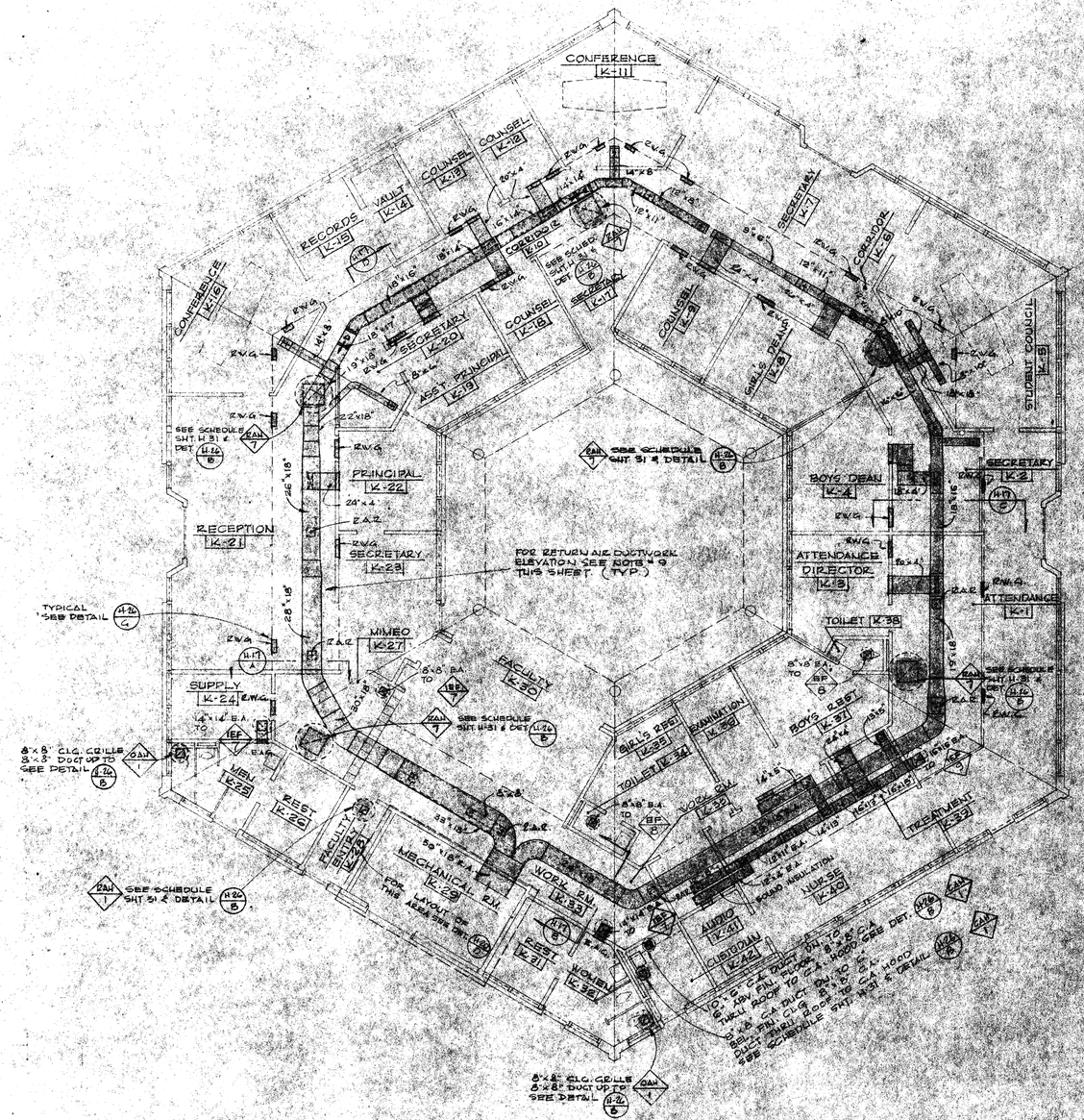
ARCHITECT | MECHANICAL ENGINEER | STRUCTURAL ENGINEER | ELECTRICAL ENGINEER | CIVIL ENGINEER

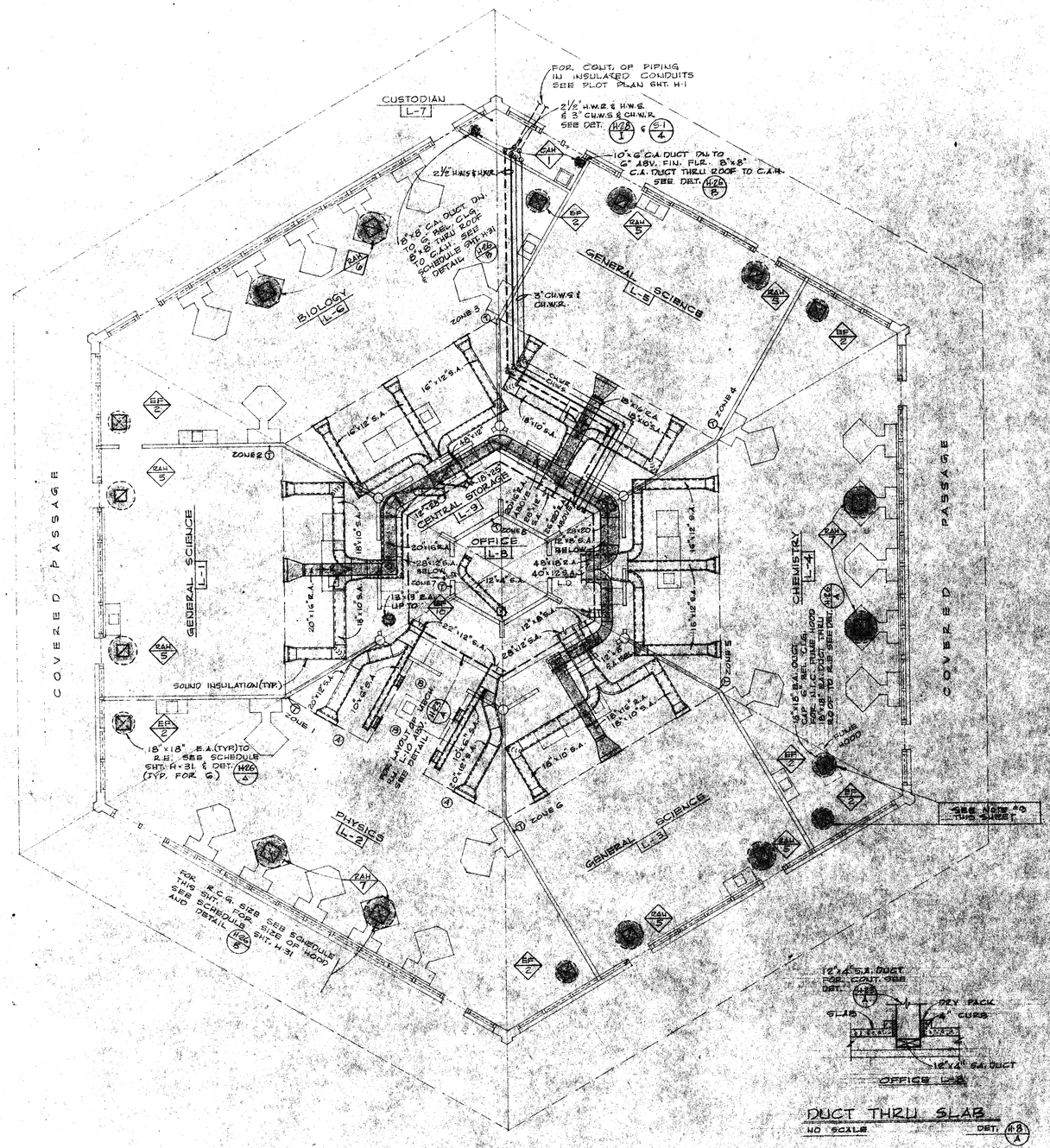
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE — ENGINEERING
LOS ANGELES, CALIFORNIA

FLOOR PLAN - SUPPLY AIR - SCHEDULE - UNIT "K"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
CALIFORNIA

DATE
DR. BY GH-EHS
CHK'D BY
JOB NO. 64-71

SHEET NO. H6 OF SHEETS


CONFERENCE K-11
COUNSEL K-12
COUNSEL K-13
VAULT K-14
RECORDS K-15
CONFERENCE K-16
COUNSEL K-18
SECRETARY K-20
ASST PRINCIPAL K-19
PRINCIPAL K-22
RECEPTION K-21
SECRETARY K-23
MIMEO K-27
SUPPLY K-24
FACULTY K-30
FACULTY ENTRY K-29
MECHANICAL EQ'M K-29
WORK EQ'M K-32
AUDIO K-41
LOBBY K-42
WOMEN K-35
GIRLS REST K-35
EXAMINATION K-36
BOYS REST K-37
TOILET K-34
TOILET K-38
WORK RM K-32
TREATMENT K-39
HUR. SE K-40
COUNSEL K-3
GIRLS DEAN K-8
SECRETARY K-7
CORRIDOR K-6
STUDENT COUNCIL K-5
BOYS DEAN K-4
ATTENDANCE DIRECTOR K-3
SECRETARY K-2
ATTENDANCE K-1
TOILET K-38
SEE SCHEDULE SHT. H-31 & DET. H-22/6
FOR RETURN AIR DUCTWORK ELEVATION SEE NOTE 4 & 9 THIS SHEET. (TYP.)
TYPICAL SEE DETAIL H-24/4
8"x8" CLG. GRILLE 8"x8" DUCT UP TO SEE DETAIL H-24/5
SEE SCHEDULE SHT. H-31 & DETAIL H-24/5
SEE SCHEDULE SHT. H-31 & DETAIL H-18/8
SEE SCHEDULE SHT. H-31 & DETAIL H-17/8
SEE SCHEDULE SHT. H-31 & DETAIL H-17/8
SEE SCHEDULE SHT. H-31 & DETAIL H-24/5



HEATING AND VENTILATING FLOOR PLAN SCIENCE BLDG. UNIT "L"

SCALE : 1/8"=1'-0"

SCIENCE BLDG. UNIT "L"
SUPPLY AIR DIFFUSER AND REGISTER SCHEDULE

ROOM NO.	ROOM	TOTAL C.F.M. PER RM.	CFM @ OUTLET	C.D. NECK DIAM.	S.A.R. SIZE	NO. OF	ZONE	DEFLECTION	REMARKS
L-1	GENERAL SCIENCE	1,940	970	——	24"x12"	2	2	5A	
L-2	PHYSICS (A)	3,160	1,380	——	36"x12"	2	1	5A	
	PHYSICS (B)		100	——	18"x4"	4	1	2T	PROVIDE EXTRACTORS
L-3	GENERAL SCIENCE	1,940	970	——	24"x12"	2	6	5A	
L-4	CHEMISTRY	3,160	1,053	——	24"x12"	3	5	5A	
L-5	GENERAL SCIENCE	1,940	970	——	24"x12"	2	4	5A	
L-6	BIOLOGY	3,100	1,033	——	24"x12"	3	3	5A	
L-8	OFFICE	140	140	8"	——	1	8	3 WAY BLOW	
L-9	CENTRAL STORAGE	810	405	12"	——	2	7	3 WAY BLOW	

NOTE: S.A.R. DEFLECTION CODING IS BARBER - COLMAN AND IS TO BE USED FOR REFERENCE ONLY.

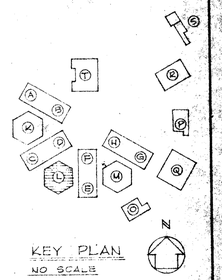
SCIENCE BLDG. UNIT "L"
RETURN AIR REGISTER, RELIEF GRILLE AND EXHAUST AIR REGISTER SCHEDULE

ROOM NO.	ROOM	TOTAL C.F.M. PER RM.	CFM @ INLET	R.A.R. SIZE	R.A.R. NO. OF	R.G.G. SIZE	R.G.G. NO. OF	E.A.R. SIZE	E.A.R. NO. OF	REMARKS
L-1	GENERAL SCIENCE	1,740	1,740	36"x24"	1	20"x20"	2	——	——	INSTALL WITH AIR VALVE
L-2	PHYSICS	2,920	1,460	——	——	30"x30"	2	22"x22"	2	
L-3	GENERAL SCIENCE	1,740	1,740	36"x24"	1	20"x20"	2	——	——	INSTALL WITH AIR VALVE
L-4	CHEMISTRY	2,920	1,460	——	——	30"x30"	2	22"x22"	2	
L-5	GENERAL SCIENCE	1,740	1,740	36"x24"	1	20"x20"	2	——	——	INSTALL WITH AIR VALVE
L-6	BIOLOGY	2,920	1,460	——	——	24"x24"	2	22"x22"	2	
L-9	CENTRAL STORAGE	900	465 E.A. 435 R.A.	18"x12"	1	——	——	18"x18"	1	INSTALL WITH AIR VALVE

NOTE: FOR AIR VALVE INSTALLATION SEE DETAIL H28 J

NOTES

1. FOR HEATING NOTES, SYMBOLS AND ABBREVIATIONS SEE SHEET H-1
2. FOR LAYOUT OF MECHANICAL ROOM L-10 SEE SHEET H-23
3. FOR CONTROL DIAGRAM SEE SHEET H-29
4. ALL SUPPLY AIR REGISTERS MOUNTED 11'-0" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED.
5. ALL WALL RETURN AIR REGISTERS MOUNTED 11'-0" ABOVE FINISHED FLOOR UNLESS OTHERWISE INDICATED.
6. FOR S.A. DIFFUSER, R.A. REGISTER, AND RELIEF CEILING GRILLE SIZES SEE SCHEDULES THIS SHEET.
8. SHADED DUCTWORK INDICATES RETURN AIR, EXHAUST AIR, AND RELIEF AIR SYSTEMS.
9. INTERLOCK FANS ELECTRICALLY SO THAT ONE IS IN OPERATION ONLY.



KEY PLAN
NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

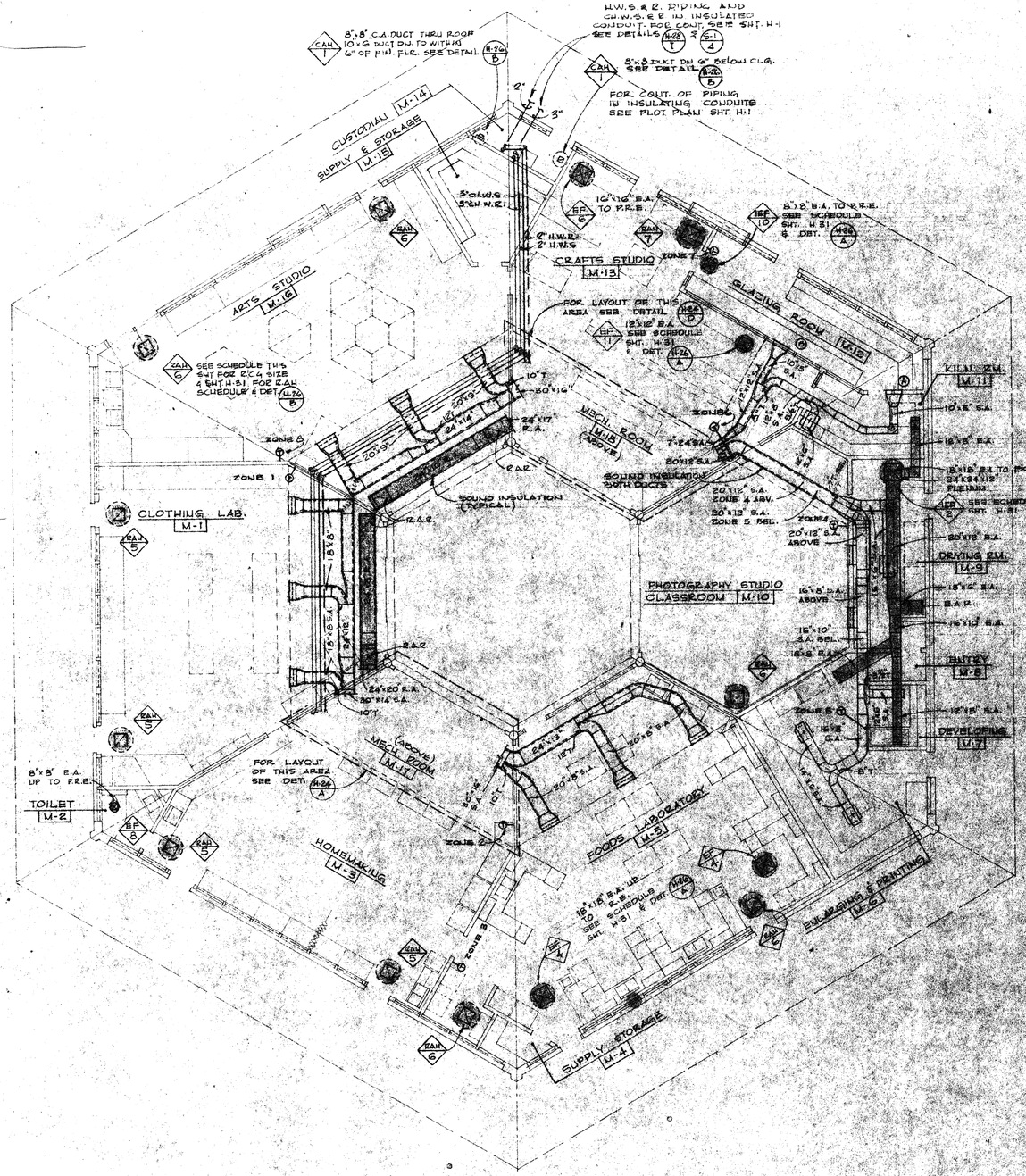
ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT	
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES	
	CIVIL ENGINEER	ARCHITECTURE – ENGINEERING	LOS ANGELES, CALIFORNIA

FLOOR PLAN AND SCHEDULES - UNIT "L"

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE
DR. BY G.H. & J.S.
CHECKED BY
JOB NO. 56-71

SHEET NO. H8 OF SHEETS



HEATING AND VENTILATING FLOOR PLAN - UNIT "M"
HOMEMAKING - ARTS - CRAFTS AND PHOTOGRAPHY

SCALE: 1/8"=1'-0"

N

HOMEMAKING · ARTS · CRAFTS AND PHOTOGRAPHY
SUPPLY AIR DIFFUSER AND REGISTER SCHEDULE

ROOM NO.	ROOM	TOTAL C.F.M. PER RM.	CFM @ OUTLET	C.D. NECK DIAM.	S.A.R. SIZE	NO. OF	ZONE	DEFLECTION	REMARKS
M-1	CLOTHING LABORATORY	2,150	715	——	26"x8"	3	1	5A	
M-3	HOMEMAKING	2,120	530	——		4	2	(A) 5E (B) 3F (C) 5A	
M-5	FOODS LABORATORY	2400	830	——	36"x6"	3	3	5A	
M-6	ENLARGING & PRINTING	650	825	10"	——	2	5	4 WAY BLOW	
M-7	DEVELOPING	180	180	7"	——	1	5	3 WAY BLOW	
M-9	DRYING RM.	460	460	12"	——	1	5	2 WAY BLOW	
M-10	PHOTOGRAPHY STUDIO CLASSROOM	1,245	625	——	36"x6"	2	4	5A	
M-11	KILN RM.	200	200	8"	——	1	7	2 WAY BLOW	
M-12	GLAZING RM.	490	245	——	24"x4"	2	7	(A) (B) 5A	MOUNTING HEIGHT 8'-6" ABOVE FIN. FLR.
M-13	CRAFTS STUDIO	1,930	700	——	36"x6"	2	6	5A	
			530	——	36"x6"	1		5A	
M-16	ARTS STUDIO	2,505	835	——	30"x8"	3	8	5A	

NOTE:
DEFLECTION CODING IS BARBER-COLMAN AND IS TO BE USED AS REFERENCE ONLY.

HOMEMAKING · ARTS · CRAFTS AND PHOTOGRAPHY
RETURN AIR REGISTER, RELIEF GRILLE AND EXHAUST AIR REGISTER SCHEDULE

ROOM NO.	ROOM	TOTAL C.F.M. PER RM.	CFM @ INLET	R.A.R. SIZE	R.A.R. NO. OF	R.G.R. SIZE	R.G.R. NO. OF	E.A.R. SIZE	E.A.R. NO. OF	REMARKS
M-1	CLOTHING LABORATORY	1,830	915	24"x24"	2	20"x20"	2	——	——	INSTALL W/ AIR VALVE
M-2	TOILET	150	150	——	——	——	——	8"x8"	1	
M-3	HOMEMAKING	1,820	910	24"x24"	2	20"x20"	2	——	——	INSTALL W/ AIR VALVE
M-5	FOODS LABORATORY	2,400	1,200	——	——	24"x24"	2	20"x20	2	
M-6	ENLARGING & PRINTING	640	640	——	——	——	——	18"x18"	1	
M-7	DEVELOPING	180	180	——	——	——	——	12"x12"	1	
M-9	DRYING RM.	450	450	——	——	——	——	18"x18"	1	
M-10	PHOTOGRAPHY STUDIO CLASSROOM	1,060	1,060	36"x16"	1	24"x24"	1	——	——	INSTALL W/ AIR VALVE MOUNTING HEIGHT 10'-6"
M-11	KILN RM.	190	190	——	——	——	——	12"x12"	1	
M-12	GLAZING RM.	465	465	——	——	——	——	18"x18"	1	
M-13	CRAFTS STUDIO	1,930	820	——	——	30"x30"	1	24"x24"	1	
			620	——	——			16"x16"	1	
M-16	ARTS STUDIO	2,120	1,060	24"x24"	2	24"x24"	2	——	——	INSTALL W/ AIR VALVE

NOTE
FOR AIR VALVE INSTALLATION SEE DETAIL H-25 J

NOTES
1. FOR HEATING AND VENTILATING NOTES, SYMBOLS AND ABBREVIATIONS SEE SHT H-1.
2. FOR CONTROL DIAGRAM SEE SHEET H-29
3. ALL SUPPLY AIR REGISTERS MOUNTED 10'-6" TO CENTER LINE ABOVE FIN. FLR UNLESS OTHERWISE INDICATED
4. SHADED DUCTWORK INDICATES RETURN AIR, EXHAUST AIR, AND RELIEF AIR SYSTEMS.

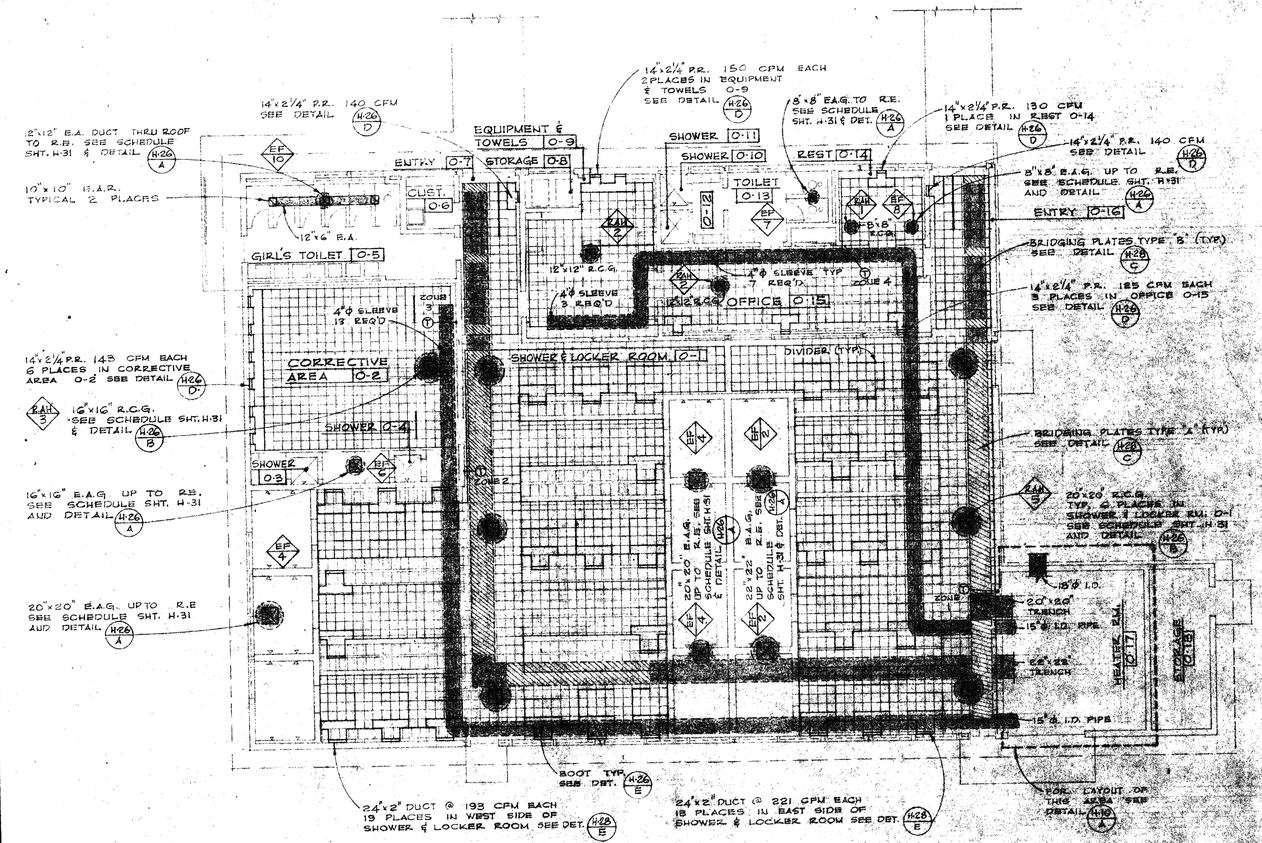
KEY PLAN
NO SCALE

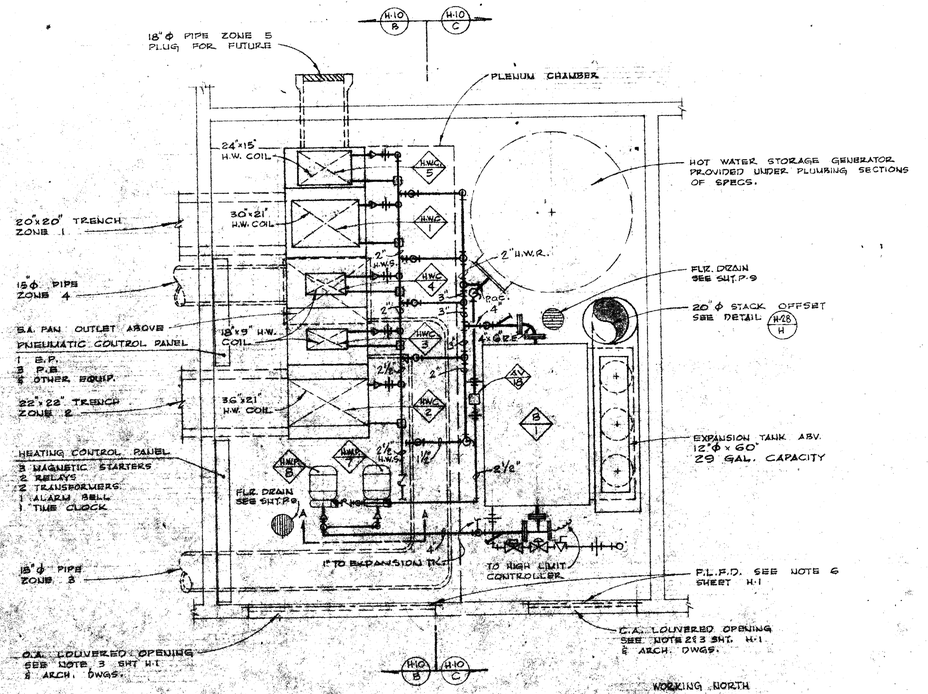
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
	CIVIL ENGINEER	ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA

FLOOR PLAN & SCHEDULES - UNIT "M"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE
DR. BY G.H. & J.S.
CHECKED BY
JOB NO. 56-71
SHEET NO. H9 OF SHEETS





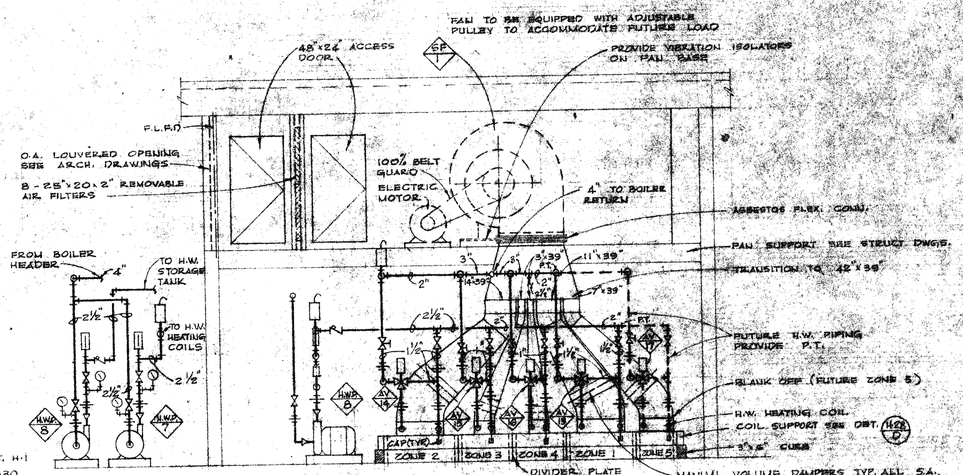
HEATING AND VENTILATING FLOOR PLAN GIRL'S SHOWER AND LOCKER BLDG. UNIT "O"

SCALE: 1/8"=1'-0"

HEATER ROOM O-17 PLAN

SCALE: 3/8"=1'-0" DETAIL H-10 A

MANUAL DAMPER SETTING	
ZONE	C.F.M.
1	3,090
2	3,800
3	855
4	805
5(FUTURE)	1,850
PROPOSED	8,550
TOTAL (FUT)	10,400



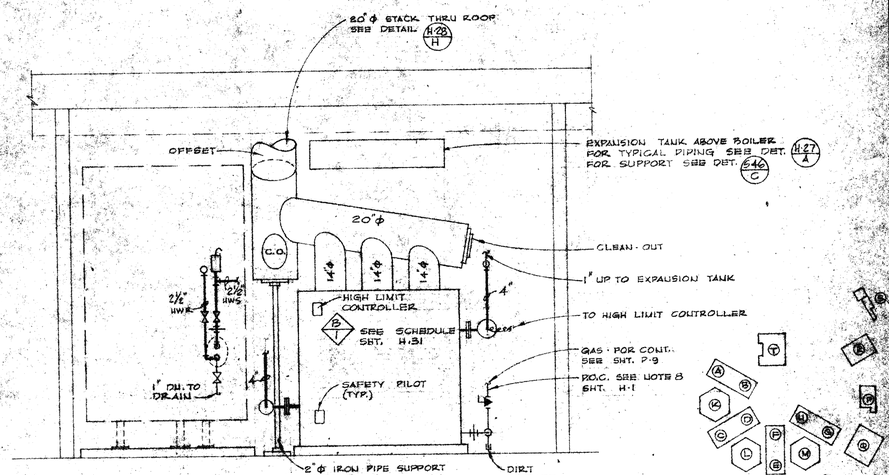
VIEW AA

HEATER ROOM O-17 ELEVATION

SCALE: 3/8"=1'-0" DETAIL H-10 B

NOTES

1. FOR HEATING AND VENTILATING NOTES SYMBOLS AND ABBREVIATIONS SEE SHT. H-1
2. FOR CONTROL DIAGRAM SEE SHT. H-30
3. FOR PUMP SCHEDULE SEE SHT. H-32
4. FOR FAN SCHEDULE SEE SHT H-31



HEATER ROOM O-17 ELEVATION

SCALE: 3/8"=1'-0" DETAIL H-10 C

KEY PLAN NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE - ENGINEERING

LOS ANGELES, CALIFORNIA

FLOOR PLAN AND DETAILS - UNIT "O"

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

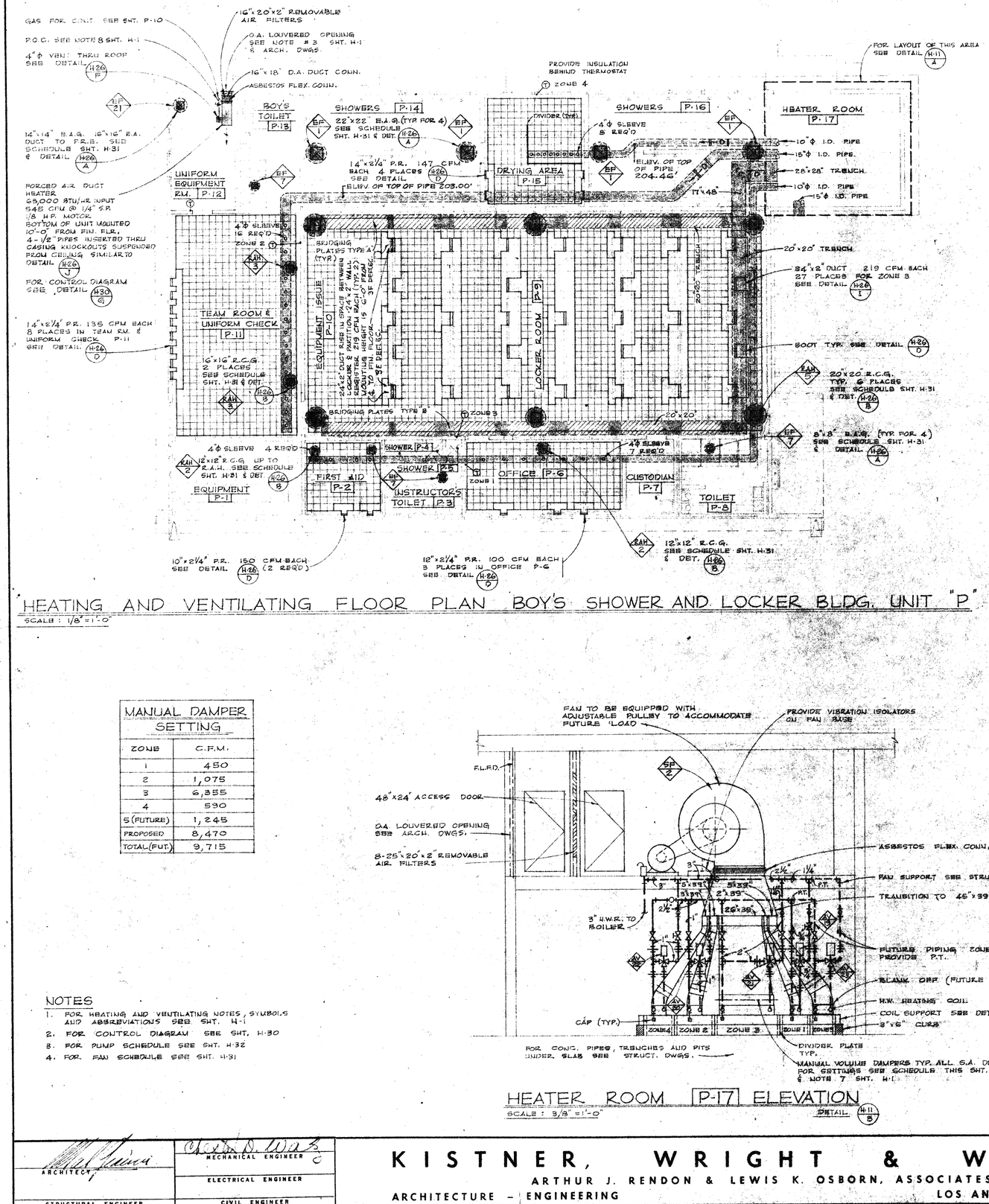
DATE

DR. BY G.H. & J.S.

CHECKED BY

JOB NO. 56-71

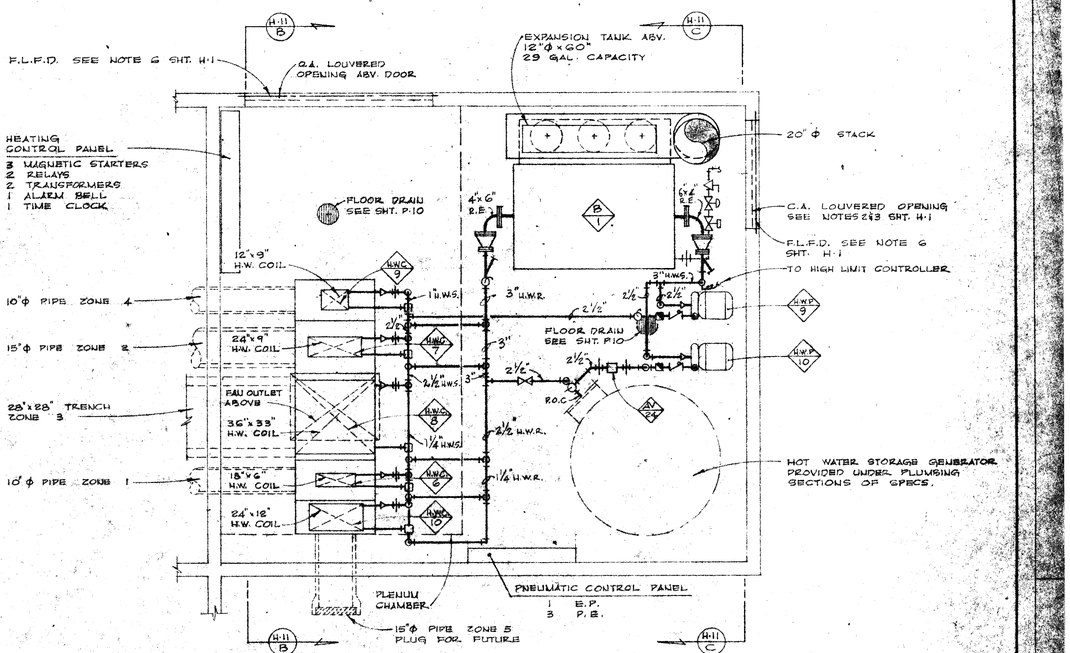
SHEET NO. H10 OF SHEETS



HEATING AND VENTILATING FLOOR PLAN BOY'S SHOWER AND LOCKER BLDG. UNIT "P"

SCALE : 1/8"=1'-0"

MANUAL DAMPER SETTING	
ZONE	C.F.M.
1	450
2	1,075
3	6,355
4	590
5 (FUTURE)	1,245
PROPOSED	8,470
TOTAL (FUT.)	9,715

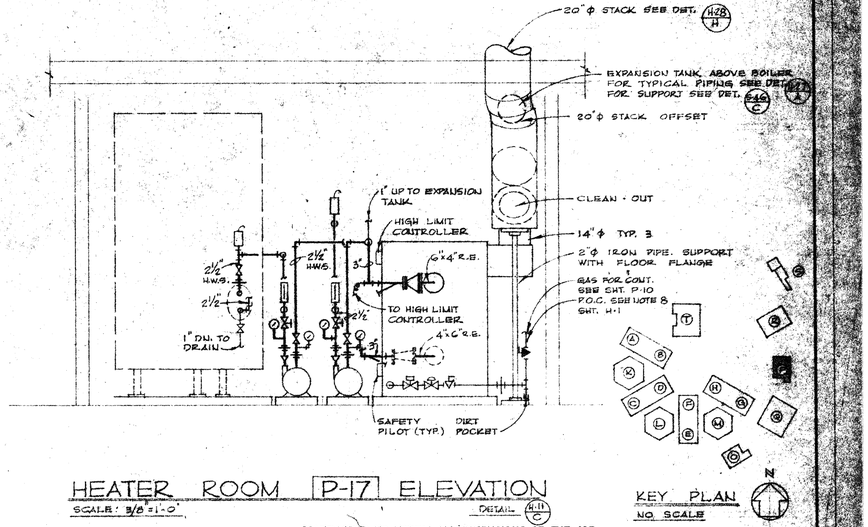


HEATER ROOM P-17 PLAN

SCALE : 3/8"=1'-0" DETAIL H-11 A

HEATER ROOM P-17 ELEVATION

SCALE : 3/8"=1'-0" DETAIL H-11 B



HEATER ROOM P-17 ELEVATION

SCALE : 3/8"=1'-0" DETAIL H-11 C

KEY PLAN
NO SCALE

NOTES

1. FOR HEATING AND VENTILATING NOTES, SYMBOLS AND ABBREVIATIONS SEE SHT. H-1
2. FOR CONTROL DIAGRAM SEE SHT. H-30
3. FOR PUMP SCHEDULE SEE SHT. H-32
4. FOR FAN SCHEDULE SEE SHT. H-31

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

STRUCTURAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

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ARCHITECTURE — ENGINEERING

LOS ANGELES, CALIFORNIA

FLOOR PLAN AND DETAILS - UNIT "P"

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE

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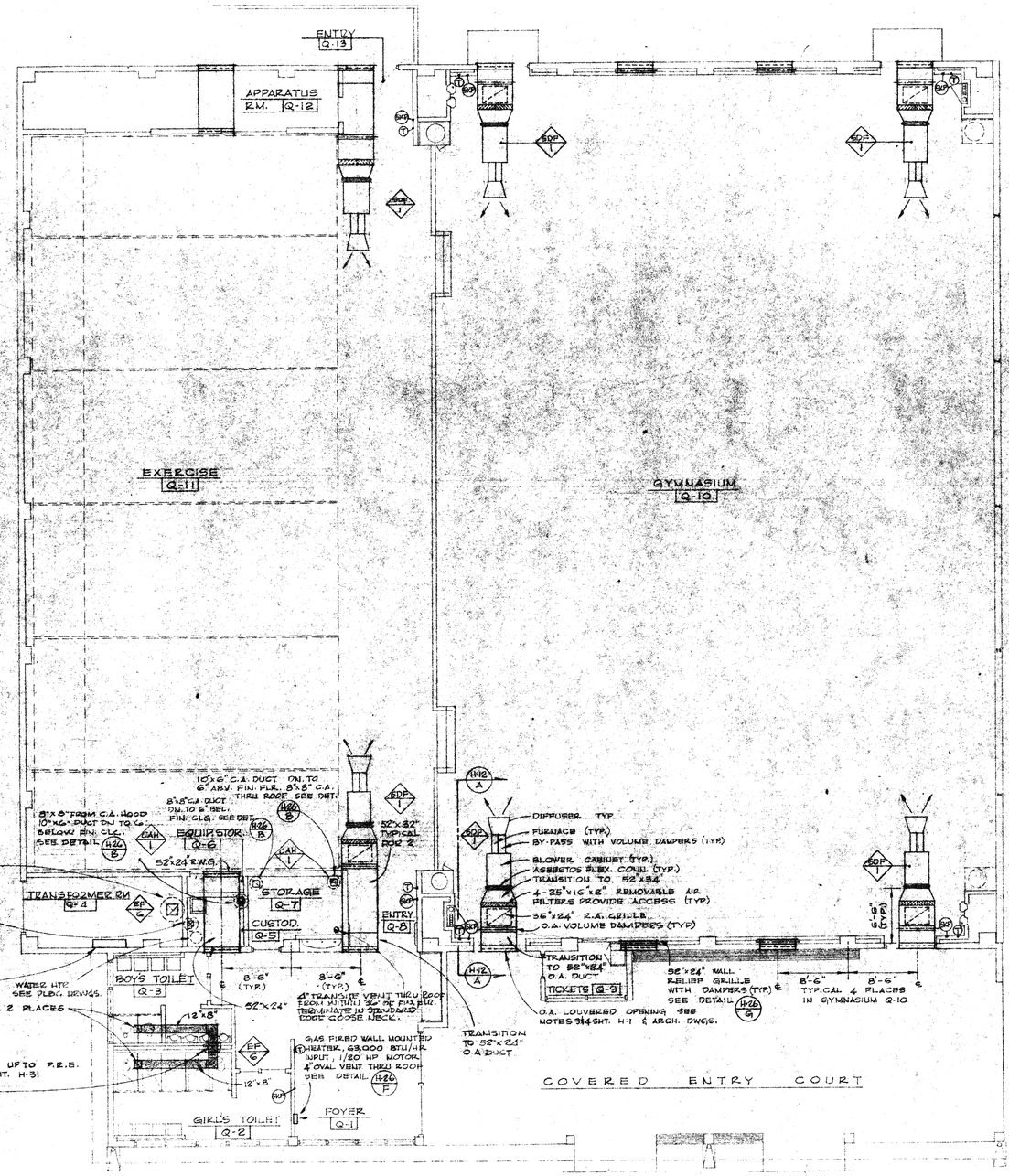
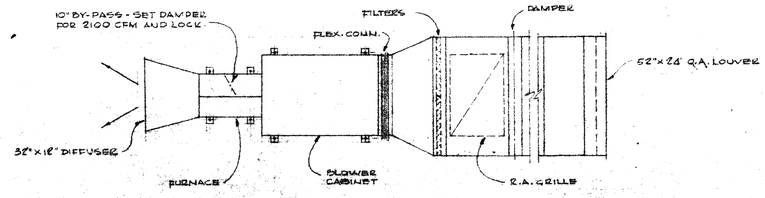
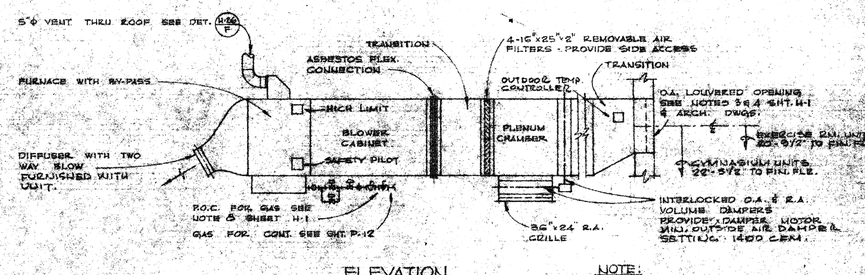






ELEVATION

NOTE: FOR SUPPORT DETAIL SEE STRUCTURAL SHT. S-59

SUSPENDED DUCT FURNACE

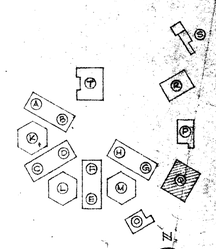
SCALE: 3/8"=1'-0" DETAIL

HEATING AND VENTILATING FLOOR PLAN GYMNASIUM BLDG. UNIT "Q"

SCALE: 1/8"=1'-0"

NOTES

1. FOR HEATING AND VENTILATING NOTES, SYMBOLS AND ABBREVIATIONS SEE SHT. H-1
2. FOR CONTROL DIAGRAM SEE SHT. H-30
3. FOR EQUIPMENT SCHEDULE SEE SHT. H-31



KEY PLAN NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

STRUCTURAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA

FLOOR PLAN AND DETAILS - UNIT "Q"

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE

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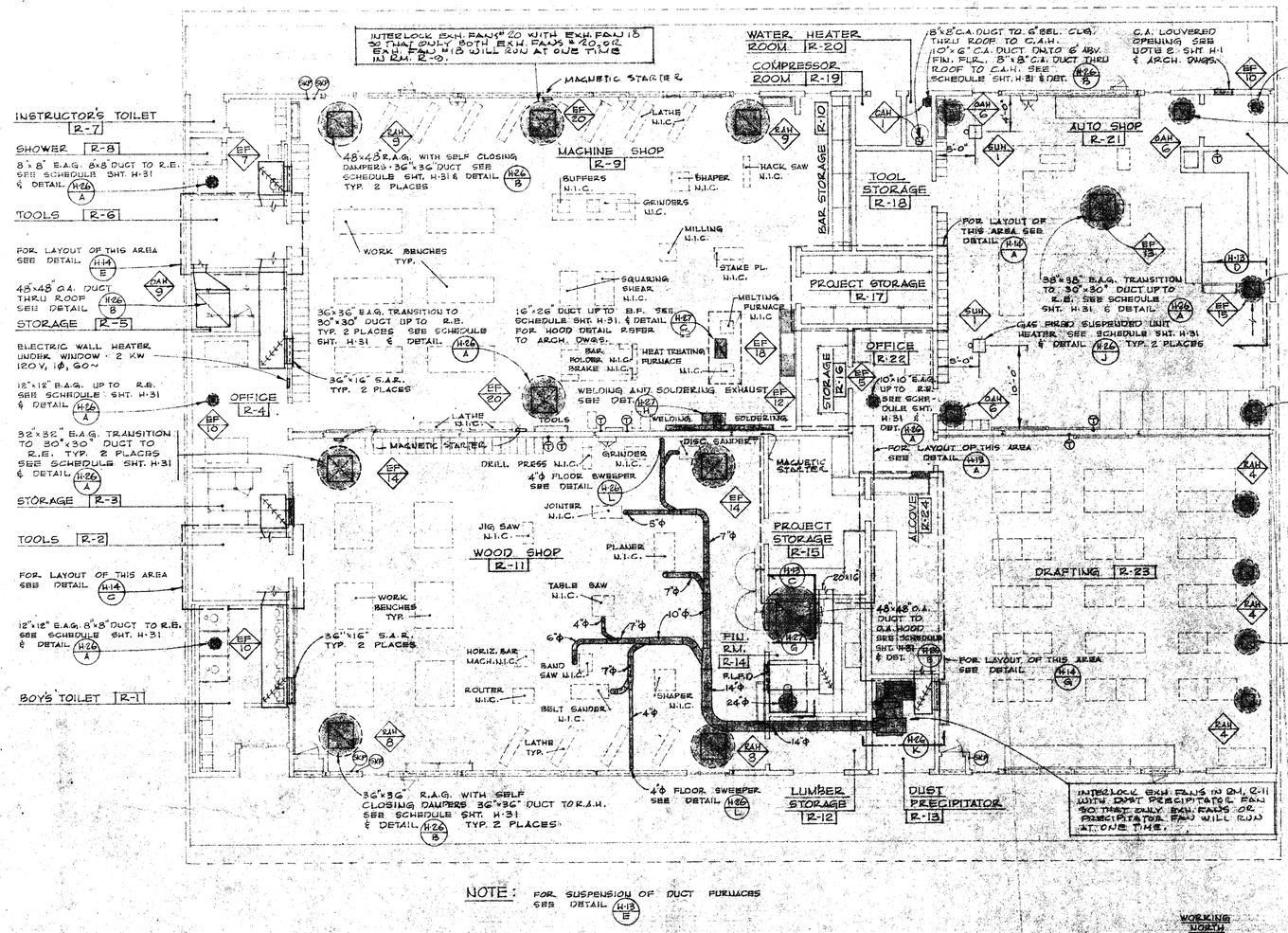
SHEET NO. H12

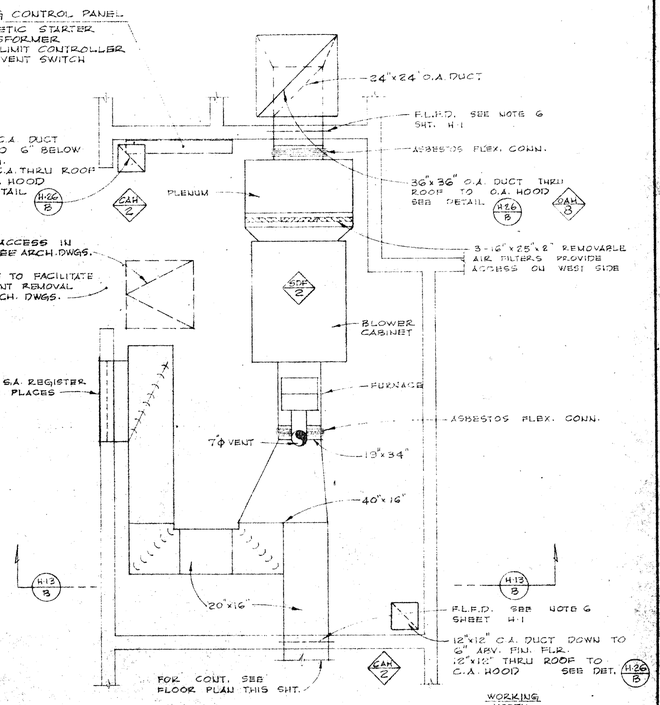
OF SHEETS



NOTE: FOR SUSPENSION OF DUCT FURNACES SEE DETAIL H-13 E

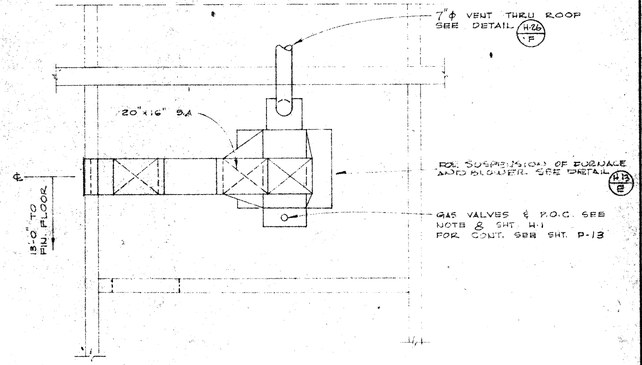
HEATING AND VENTILATING FLOOR PLAN SHOP BLDG. UNIT "R"

SCALE: 1/8"=1'-0"



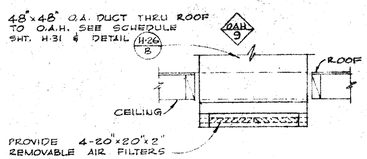
HEATER SPACE R-28 PLAN

SCALE: 3/8"=1'-0" ABOVE PROJECT STORAGE R-15 DET. H-13 A



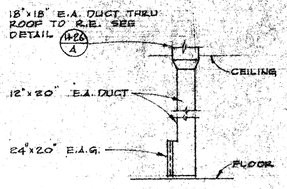
HEATER SPACE R-28 ELEVATION

SCALE: 3/8"=1'-0" ABOVE PROJECT STORAGE R-15 DET. H-13 B



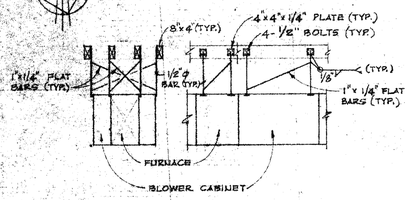
OUTSIDE AIR INTAKE

NO SCALE DET. H-13 C



AUTOMOBILE EXHAUST

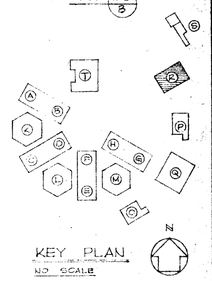
NO SCALE DET. H-13 D



SUSPENDED DUCT FURNACE SUPPORT

NO SCALE DET. H-13 E

NOTES
1. FOR HEATING AND VENTILATING NOTES, SYMBOLS AND ABBREVIATIONS SEE SHT. H-1
2. FOR CONTROL DIAGRAMS SEE SHT. H-30
3. FOR EQUIPMENT SCHEDULE SEE SHT H-31
4. PROVIDE AND INSTALL 20 GA. GALVANIZED STEEL SET ON 1/2" ASBESTOS BOARD UNDER ALL FURNACE UNITS TO EXTEND 12" BEYOND EXTREME DIMENSIONS OF UNITS.



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ARCHITECT	MECHANICAL ENGINEER	
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	CIVIL ENGINEER

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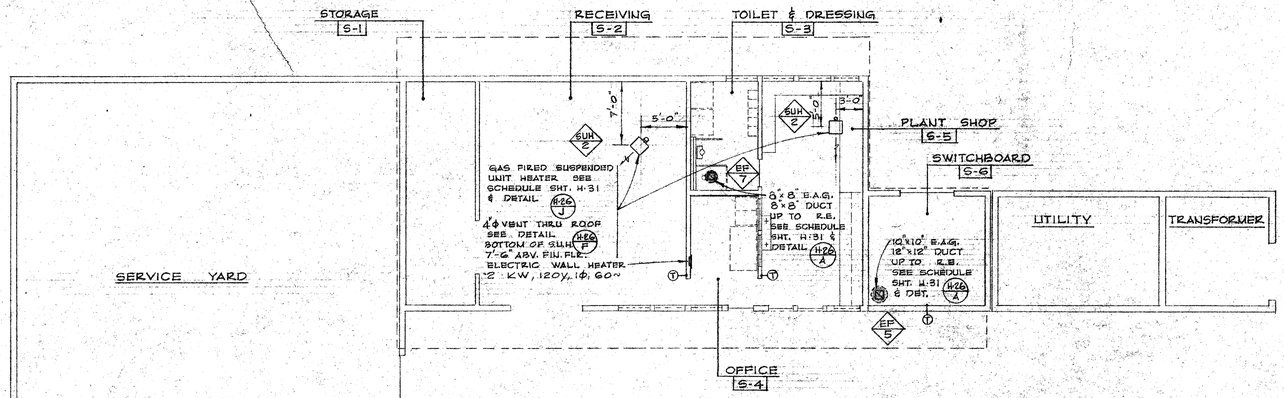
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

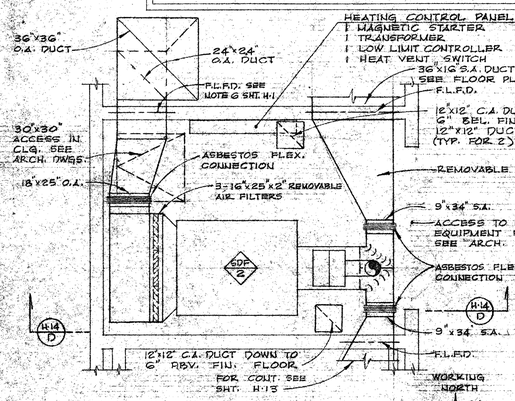
FLOOR PLAN AND DETAILS • UNIT "R"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE
DR. BY G.H. & J.S.
CHECKED BY
JOB NO. 56-71
SHEET NO. H13 OF SHEETS



HEATING AND VENTILATING FLOOR PLAN
UTILITY BLDG. UNIT "S"

SCALE : 1/8"=1'-0"

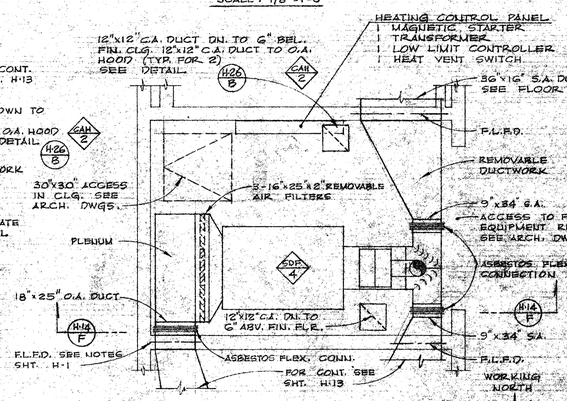


HEATER SPACE R-26 PLAN

SCALE: 3/8"=1'-0" ABOVE TOOLS R-2 DETAIL H-14 C

HEATER SPACE R-26 ELEVATION

SCALE: 3/8"=1'-0" ABOVE TOOLS R-2 DETAIL H-14 D

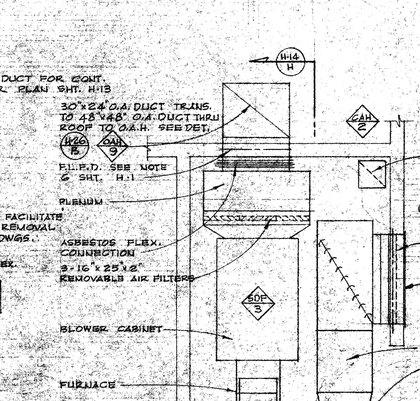


HEATER SPACE R-27 PLAN

SCALE: 3/8"=1'-0" ABOVE TOOLS R-6 DETAIL H-14 E

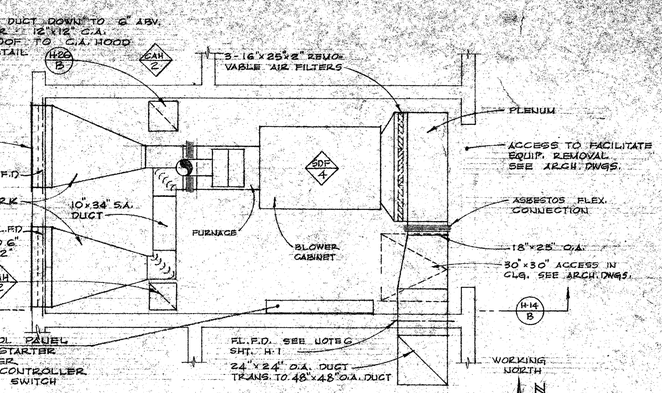
HEATER SPACE R-27 ELEVATION

SCALE: 3/8"=1'-0" ABOVE TOOLS R-6 DETAIL H-14 F



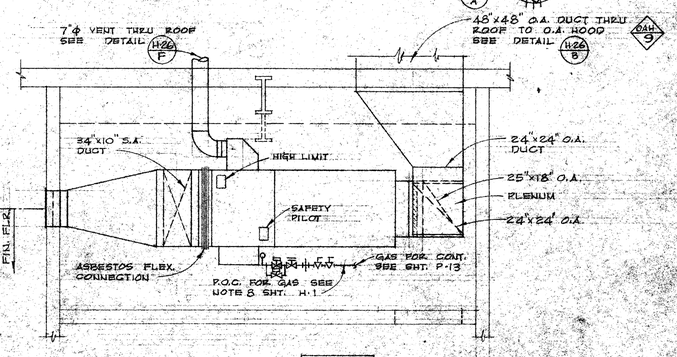
HEATER SPACE R-30 PLAN

SCALE: 3/8"=1'-0" ABV. ALCOVE R-24 DETAIL H-14 G



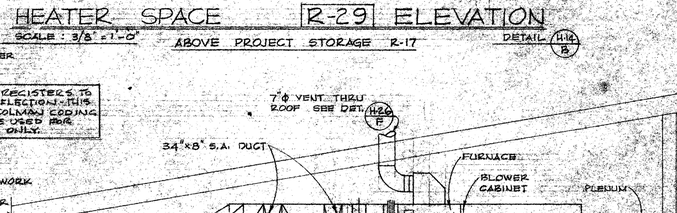
HEATER SPACE R-29 PLAN

SCALE : 3/8"=1'-0" ABOVE PROJECT STORAGE R-17 DETAIL H-14 A



HEATER SPACE R-29 ELEVATION

SCALE : 3/8"=1'-0" ABOVE PROJECT STORAGE R-17 DETAIL H-14 B

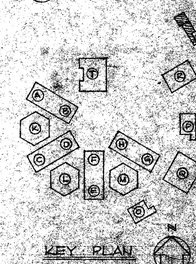


HEATER SPACE R-30 ELEVATION

SCALE : 3/8"=1'-0" ABOVE ALCOVE R-24 DETAIL H-14 H

NOTES

1. FOR HEATING AND VENTILATING NOTES, SYMBOLS AND ABBREVIATIONS SEE SHT. H-1
2. FOR CONTROL DIAGRAM SEE SHT. H-30
3. FOR EQUIPMENT SCHEDULE SEE SHT. H-31
4. PROVIDE AND INSTALL 20 GA. GALVANIZED STEEL SET ON 1/2" ASBESTOS BOARD UNDER ALL FURNACE UNITS TO EXTEND 12" BEYOND EXTERIOR DIMENSIONS OF UNITS.
5. FOR DUCT FURNACE AND BLOWER SUSPENSION SEE DETAIL H-13 E



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STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	CIVIL ENGINEER

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ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

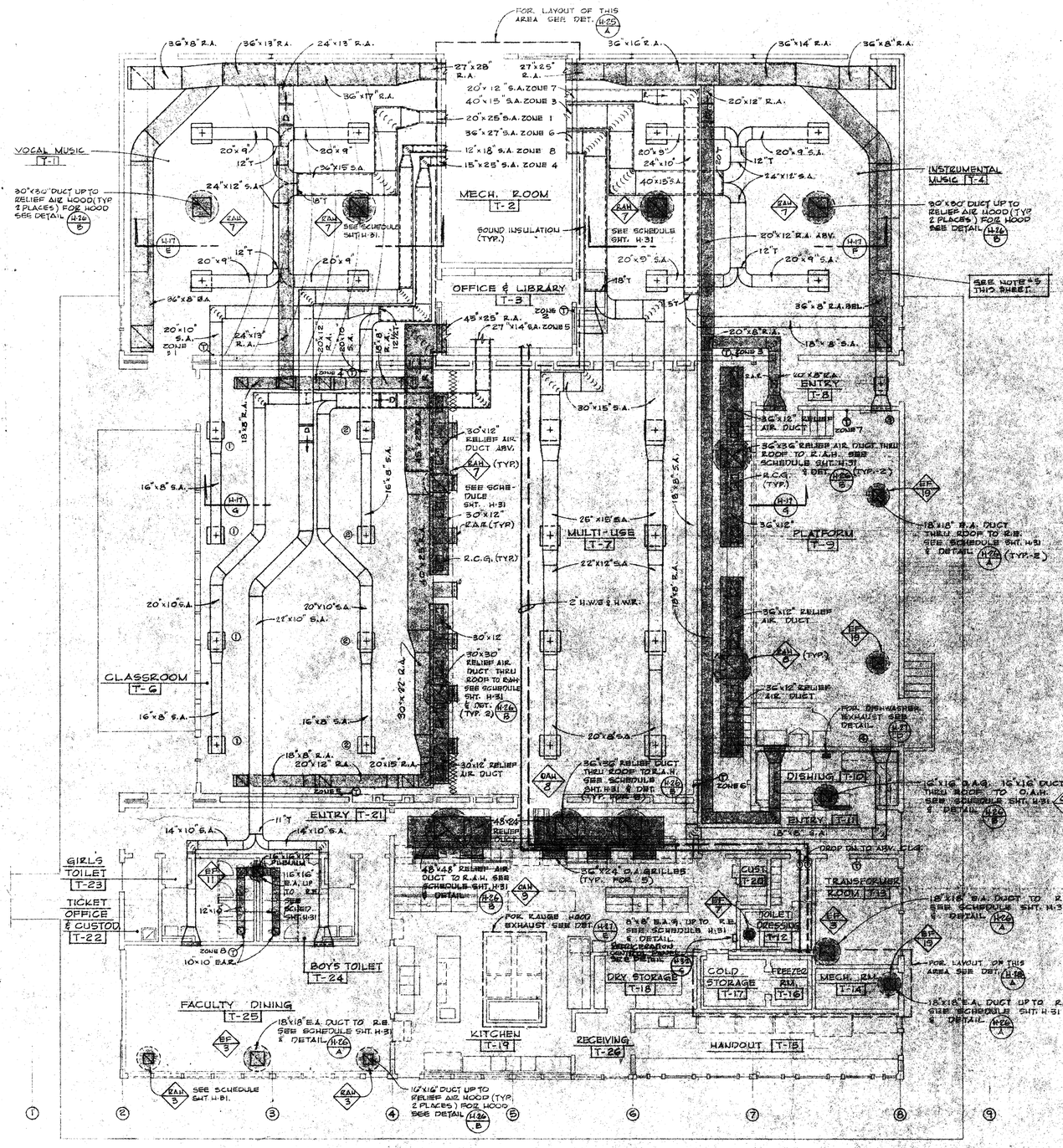
STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17883 APPROVED [illegible] 1959

FLOOR PLAN UNIT "S" - DETAILS UNIT "R"

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE
DR. BY R.H. & J.S.
CH. BY
JOB NO. 56-71

SHEET NO. H14
OF SHEETS



HEATING AND VENTILATING FLOOR PLAN — UNIT "T"
MULTI-PURPOSE - MUSIC & CLASSROOM BLDG.
SCALE: 1/8" = 1'-0"

MULTI-PURPOSE - MUSIC AND CLASSROOM BLDG. - UNIT "T"
SUPPLY AIR DIFFUSER AND REGISTER SCHEDULE

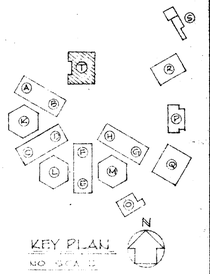
ROOM NO.	ROOM	TOTAL CFM PER R.M.	CFM @ OUTLET	C.D. NECK DIAM.	S.A.R. SIZE	NO. OF	ZONE	DEFLECTION	REMARKS
T-1	VOCAL MUSIC	3,360	840	15"	——	4	1	4 WAY	
T-3	OFFICE AND LIBRARY	240	240	10"	——	1	2	2 WAY	
T-4	INSTRUMENTAL MUSIC	3,520	880	15"	——	4	3	4 WAY	
T-6	CLASSROOM NORTH	2,320	580	12"	——	4	4	① 3 WAY	
	CLASSROOM SOUTH	2,320	580	12"	——	4	5	② 4 WAY	
T-7	MULTI-USE	6,100	765	12"	——	8	6	4 WAY	
T-8	ENTRY	215	215	8"	——	1	7	3 WAY	
T-9	PLATFORM	1,360	680	——	30"x8"	2	7	③ 3E ④ 3F	
T-25	FACULTY DINING	1,250	625	——	30"x8"	2	8	5A	

NOTE
SUPPLY AIR REGISTER DEFLECTION CODING IS BARBER-COLMAN AND IS TO BE USED FOR REFERENCE ONLY.

MULTI-PURPOSE - MUSIC AND CLASSROOM BLDG. - UNIT "T"
RETURN AIR REGISTER, RELIEF GRILLE AND EXHAUST AIR REGISTER SCHEDULE

ROOM NO.	ROOM	TOTAL C.F.M. PER R.M.	CFM @ INLET	R.A.R. SIZE	R.A.R. NO. OF	R.C.G. SIZE	R.C.G. NO. OF	E.A.R. SIZE	E.A.R. NO. OF	REMARKS
T-1	VOCAL MUSIC	2,850	1,425	36"x36"	2	80"x30"	2	——	——	INSTALL WITH AIR VALVE
T-3	OFFICE AND LIBRARY	225	225	——	——	——	——	8"x8"	1	
T-4	INSTRUMENTAL MUSIC	3,000	1,500	36"x36"	2	80"x30"	2	——	——	INSTALL WITH AIR VALVE
——	——	——	——	——	——	——	——	——	——	
T-6	CLASSROOM	3,950	660	18"x18"	6	24"x10"	8	——	——	INSTALL WITH AIR VALVE
T-7	MULTI-USE	5,180	740	24"x14"	7	24"x12"	8	——	——	
T-8	ENTRY	183	183	10"x10"	1	10"x10"	1	——	——	
T-9	PLATFORM	1,160	580	34"x10"	2	——	——	18"x18"	2	BLANK OFF R.A.R. PROVISION FOR FUTURE COOLING
T-12	TOILET AND DRESSING	225	225	——	——	——	——	8"x8"	1	
T-13	TRANSFORMER ROOM	1,210	1,210	——	——	——	——	22"x22"	1	E.A.G.
T-14	MECHANICAL ROOM	1,030	1,030	——	——	——	——	18"x18"	1	
T-23	GIRL'S TOILET	265	265	——	——	——	——	10"x10"	1	
T-24	BOYS' TOILET	265	265	——	——	——	——	10"x10"	1	
T-25	FACULTY DINING	1,210	1,210	——	——	16"x16"	2	22"x22"	1	

NOTES
1. FOR HEATING NOTES, SYMBOLS AND ABBREVIATIONS SEE SHEET H-1
2. FOR CONTROL DIAGRAM SEE SHT. H-29
3. FOR S.A. DIFFUSER, R.A. REGISTER, RELIEF CEILING GRILLS, AND EXHAUST AIR REGISTER SIZES REFER TO SCHEDULES THIS SHEET.
4. SHADED DUCTWORK INDICATES RETURN AIR, EXHAUST AIR, AND RELIEF AIR SYSTEMS
5. ALL DUCTWORK IN ATTIC SPACES TO BE WRAPPED WITH 2" INSULATION.



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LA MIRADA HIGH SCHOOL
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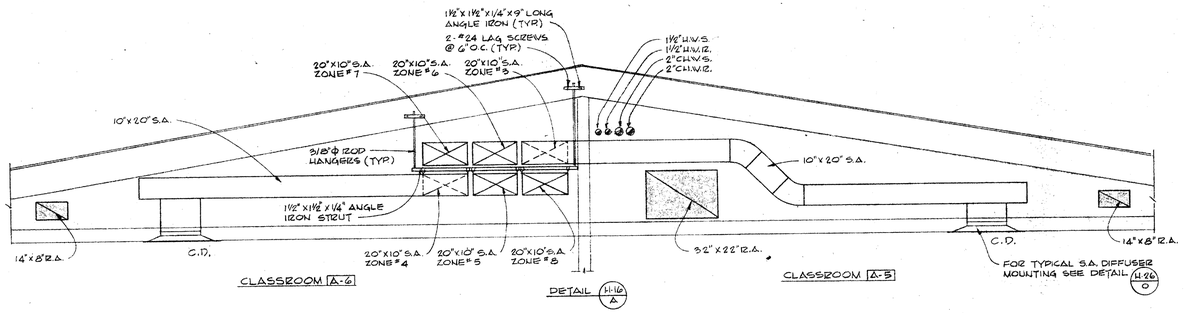
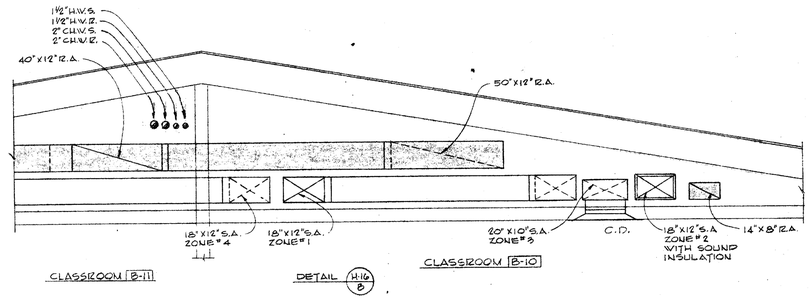
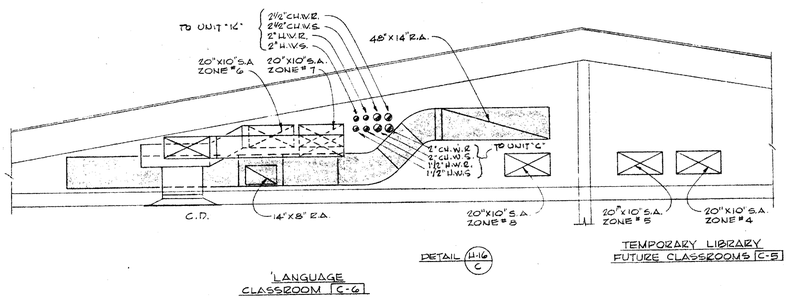
SHEET NO. H15
OF SHEETS

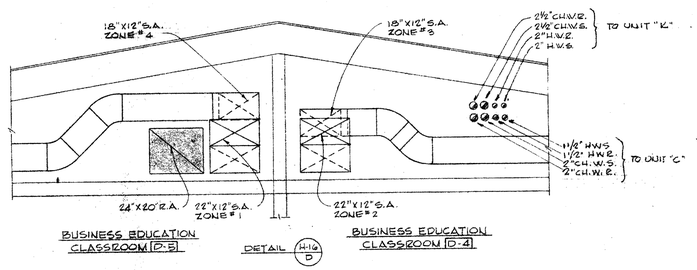


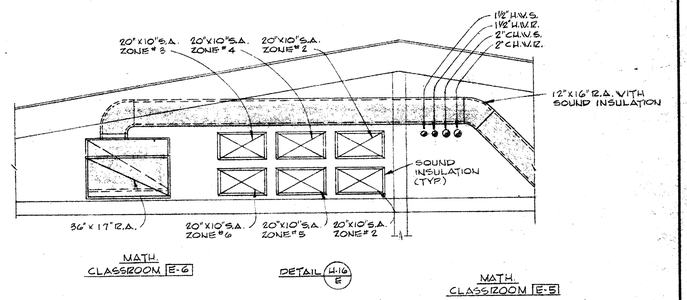


SECTIONS — CLASSROOM BLDG. UNIT "A" & "B"

SCALE: 3/8"=1'-0"





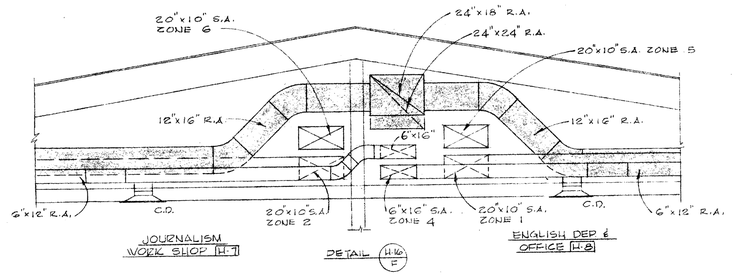


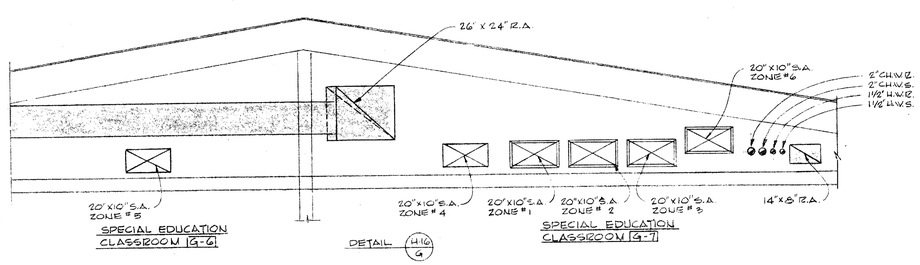
SECTIONS — CLASSROOM BLDG. UNIT "C" & "D"

SCALE: 3/8"=1'-0"

SECTION — CLASSROOM BLDG. UNIT "E" & "F"

SCALE: 3/8"=1'-0"





SECTIONS — CLASSROOM BLDG. UNIT "G" & "H"

SCALE: 3/8"=1'-0"

NOTE:

1. FOR HEATING AND VENTILATING NOTES, SYMBOLS, AND ABBREVIATIONS SEE SHT. H-1.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER
	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING — LOS ANGELES, CALIFORNIA

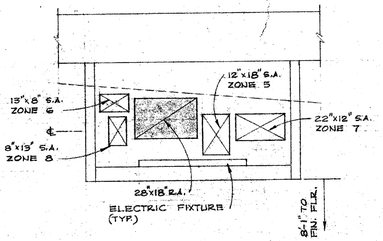
SECTIONS - UNITS A, B, C, D, E, F, G, & H

LA MIRADA HIGH SCHOOL

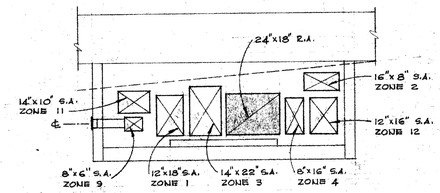
EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE	SHEET NO.
DR. BY WJ EJS	H16
CHECKED BY	OF SHEETS
JOB NO. 54-71	

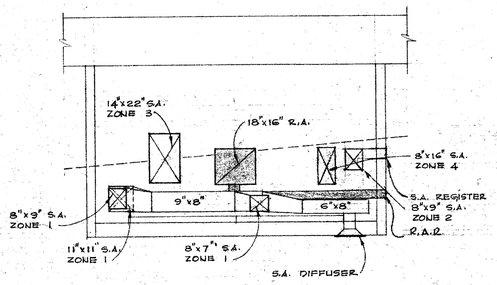


DETAIL H-17 A

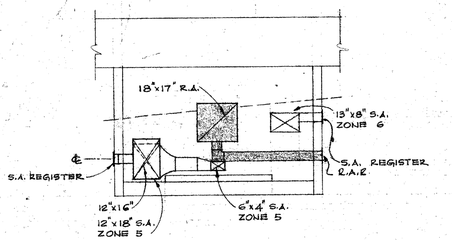


DETAIL H-17 B

NOTE:
FOR S.A. DUCTWORK LAYOUT SEE FLOOR PLAN SHT. H-6
FOR R.A. DUCTWORK LAYOUT SEE FLOOR PLAN SHT. H-7



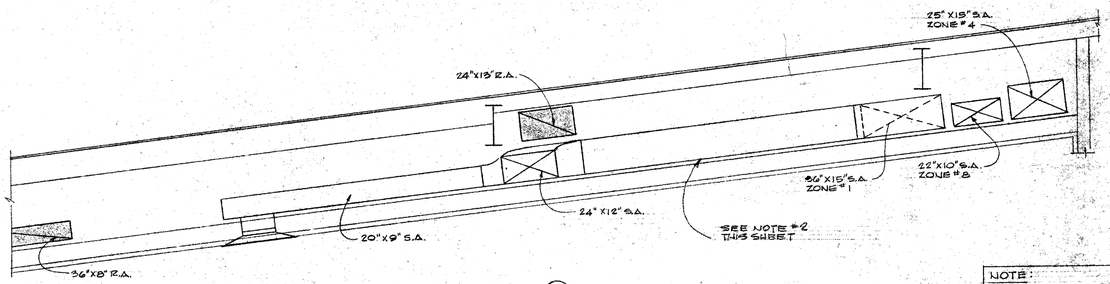
DETAIL H-17 C



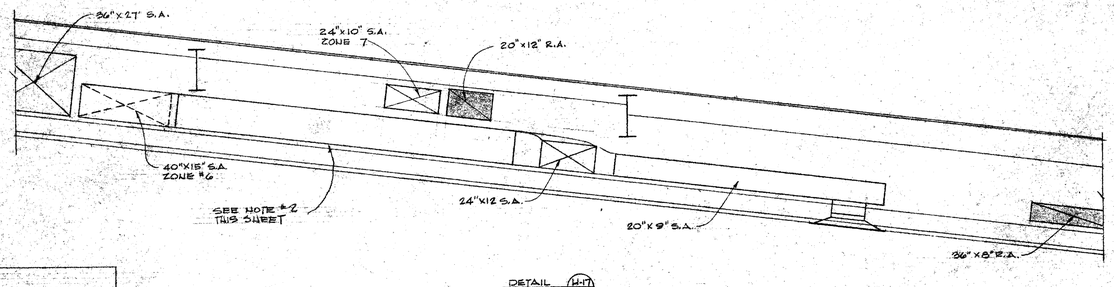
DETAIL H-17 D

SECTIONS — ADMINISTRATION BLDG. UNIT "K"

SCALE: 3/8"=1'-0"

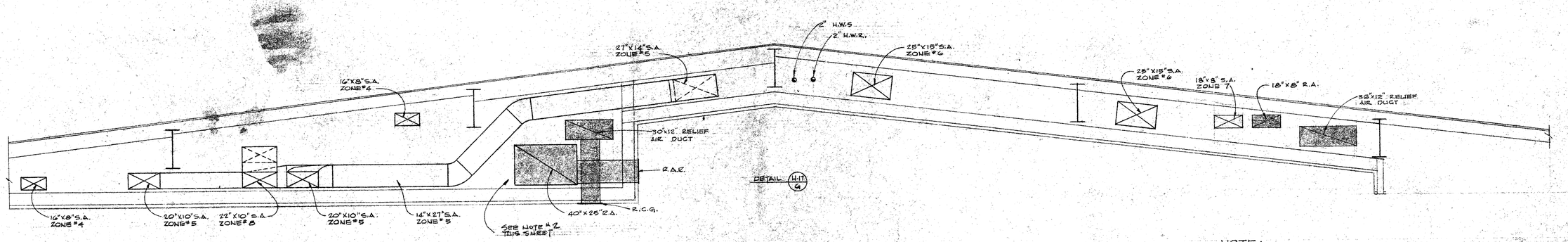


DETAIL H-17 E



DETAIL H-17 F

NOTE:
FOR S.A., R.A. & RELIEF AIR DUCTWORK SEE FLOOR PLAN SHT. H-15



DETAIL H-17 G

SECTIONS — MULTI-PURPOSE — MUSIC & CLASSROOM BLDG. UNIT "T"

SCALE: 3/8"=1'-0"

NOTE:
1. FOR HEATING AND VENTILATING NOTES, SYMBOLS & ABBREVIATIONS SEE SHT. H-1
2. COVER ALL DUCTWORK IN ATTIC SPACE WITH 2" OF INSULATION.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

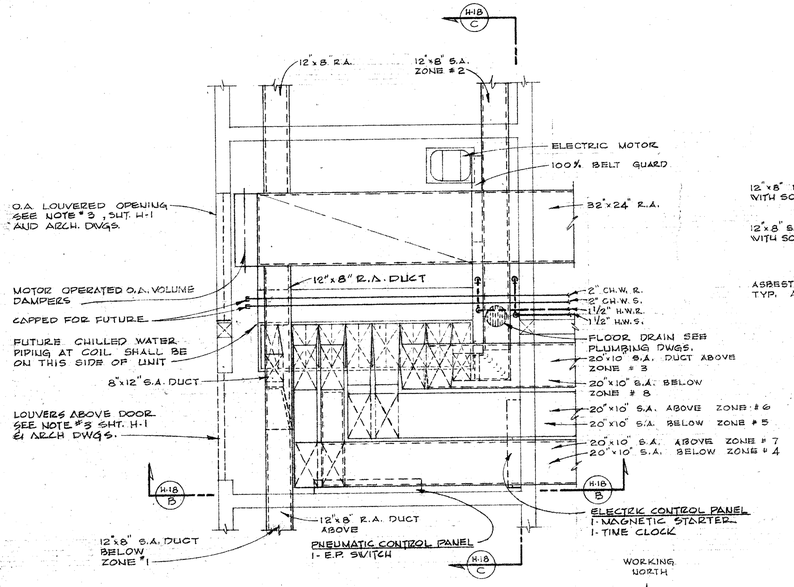
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE ENGINEERING
LOS ANGELES, CALIFORNIA

17 SEP 1969

SECTIONS - UNITS "K" & "T"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE
DR. BY J.J.
G.H.E.J.S.
CHECKED BY
JOB NO. 56-71

SHEET NO. H17
OF SHEETS

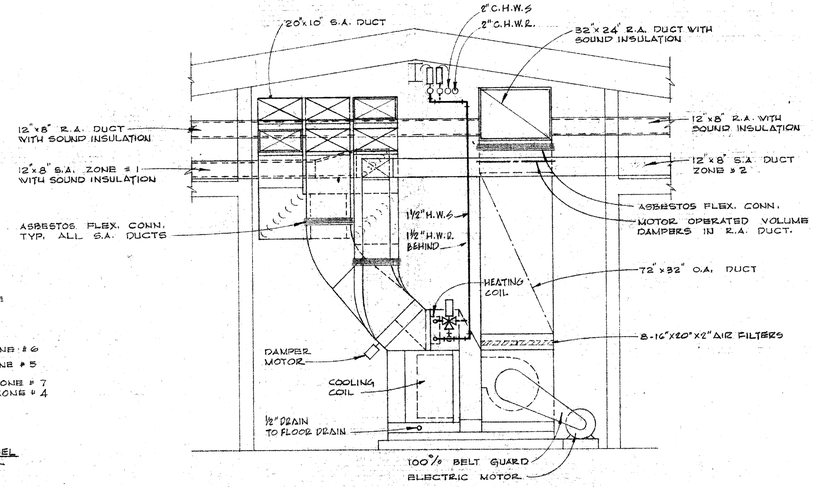


MECH. ROOM A-3 PLAN

SCALE: 3/8"=1'-0" DET. H-18 A

NOTE: FOR ORIENTATION OF MECH. ROOM A-3 REFER TO BUILDING FLOOR PLAN SHT. H-2.

MZ 1 DAMPER SCHEDULE	
ZONE	C.F.M.
1	270
2	350
3	1175
4	1175
5	1175
6	1175
7	1175
8	1175
TOTAL	7670



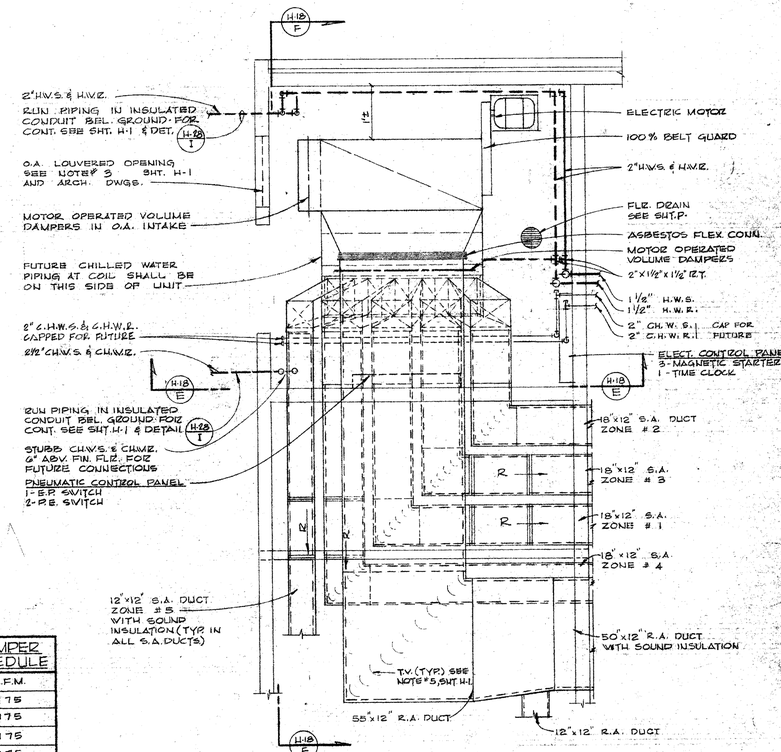
MECH. ROOM A-3 ELEVATION

SCALE: 3/8"=1'-0" DET. H-18 C

NOTES:

1. FOR PIPING LAYOUT OUTSIDE THE MECH. ROOMS SEE FLOOR PLANS SHT. H-2.
2. FOR EQUIPMENT SIZES AND CAPACITIES SEE SCHEDULE SHT. H-31 & H-32

MZ 2 DAMPER SCHEDULE	
ZONE	C.F.M.
1	1175
2	1175
3	1175
4	1175
5	700
TOTAL	5400



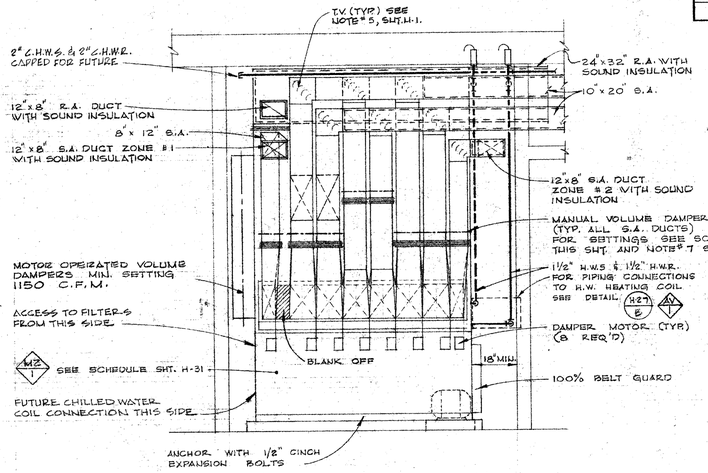
F-12 B-13

MECH. ROOM PLAN

SCALE: 3/8"=1'-0" DET. H-18 D

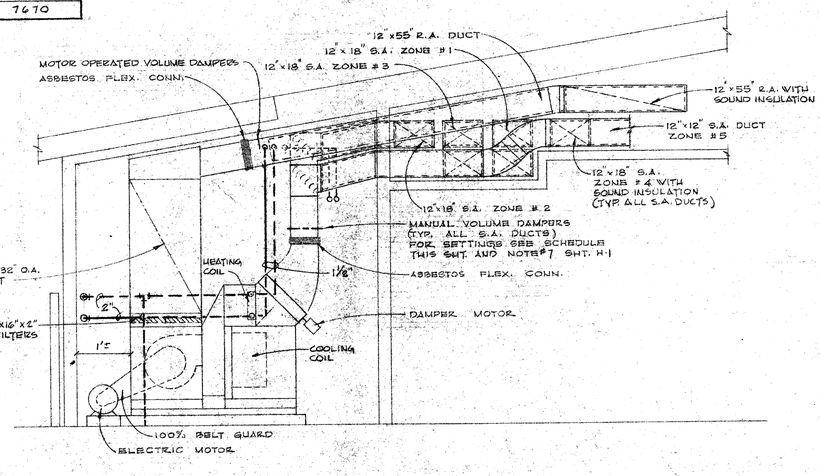
UNIT "B" UNIT "F"

NOTE: FOR ORIENTATION OF MECH. ROOM B-13 REFER TO BUILDING FLOOR PLAN SHT. H-2



MECH. ROOM A-3 ELEVATION

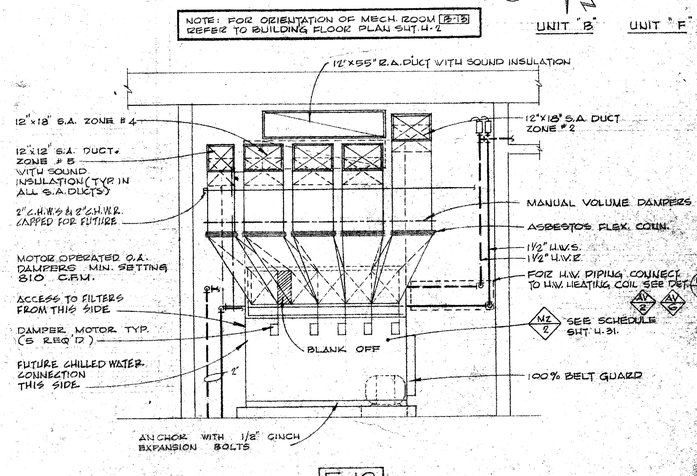
SCALE: 3/8"=1'-0" DET. H-18 B



F-12 B-13

MECH. ROOM ELEVATION

SCALE: 3/8"=1'-0" DET. H-18 F



F-12 B-13

MECH. ROOM ELEVATION

SCALE: 3/8"=1'-0" DET. H-18 E

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT — MECHANICAL ENGINEER — ELECTRICAL ENGINEER — STRUCTURAL ENGINEER — CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE - ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE — 17833 APPROVED 9-15-1959 — E. Wm.

MECHANICAL ROOM DETAILS - UNITS "A", "B", & "F"

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE

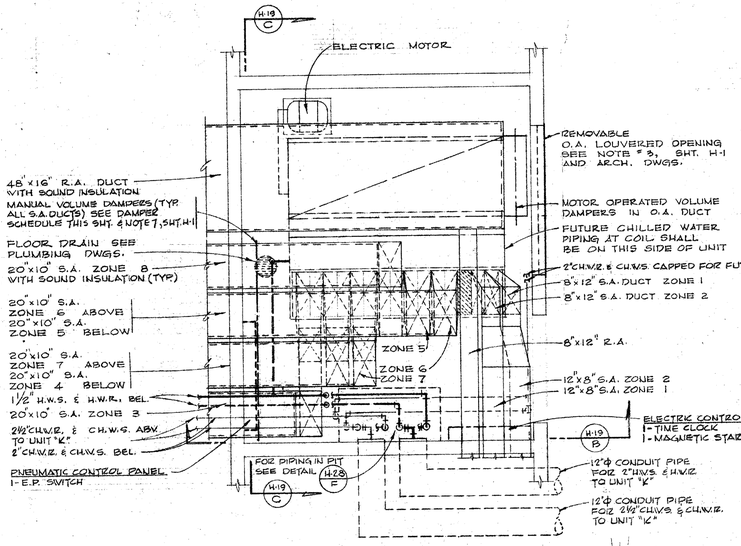
DR. BY G.H. & J.S.

CHECKED BY

JOB NO. 56-71

SHEET NO. H18

OF SHEETS



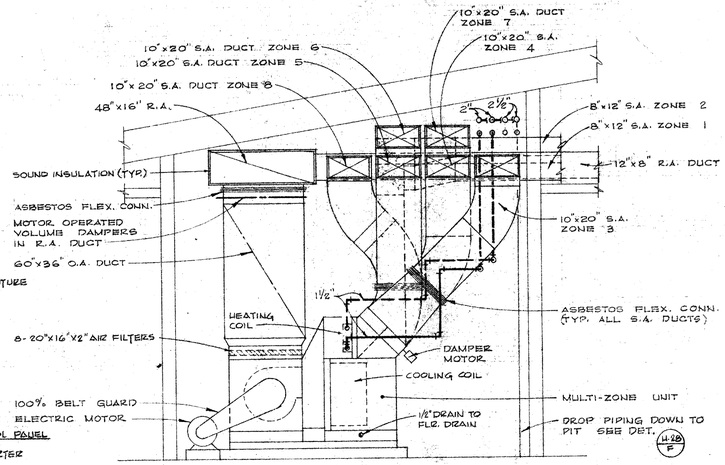
MECH. ROOM C-2 PLAN

SCALE : 3/8"=1'-0" DET. H-19 A

NOTE: FOR ORIENTATION OF MECH ROOM C-2 REFER TO BUILDING FLOOR PLAN SHT. H-5.

WORKING NORTH

MZ 5 DAMPER SCHEDULE	
ZONE	C.F.M.
1	220
2	165
3	1175
4	1175
5	1175
6	1175
7	1175
8	1175
TOTAL	7435

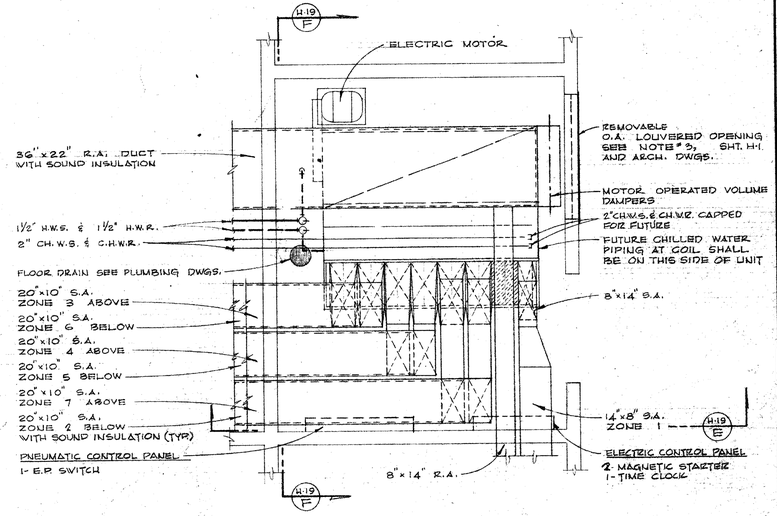


MECH. ROOM C-2 ELEVATION

SCALE : 3/8"=1'-0" DET. H-19 C

NOTES:
1. FOR PIPING LAYOUT OUTSIDE THE MECH. ROOMS SEE FLOOR PLANS.
2. FOR EQUIPMENT SIZES AND CAPACITIES SEE SCHEDULE SHT. H-31.

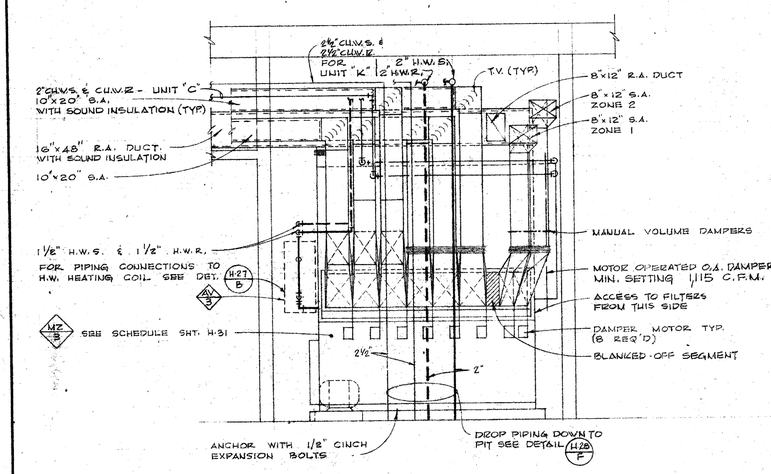
MZ 5 DAMPER SCHEDULE	
ZONE	C.F.M.
1	460
2	1175
3	1175
4	1175
5	1175
6	1175
7	1175
TOTAL	7510



MECH. ROOM E-3 PLAN

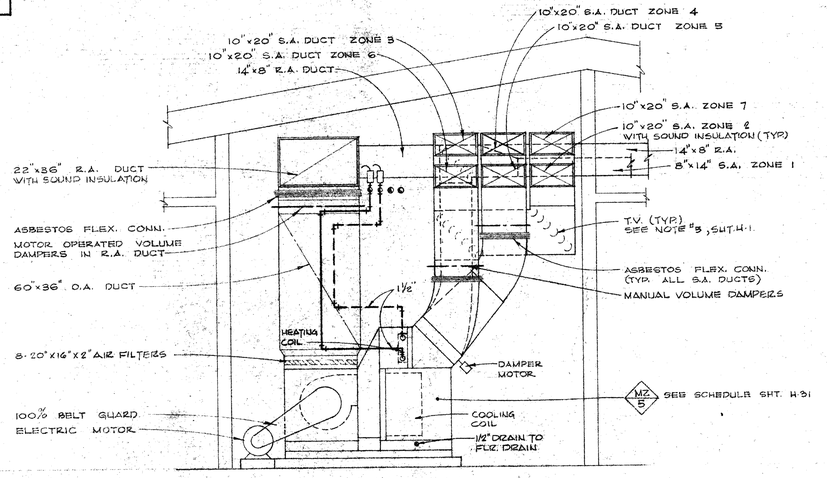
SCALE : 3/8"=1'-0" DET. H-19 D

NOTE: FOR ORIENTATION OF MECH. ROOM E-3 REFER TO BUILDING FLOOR PLAN SHT. H-4.



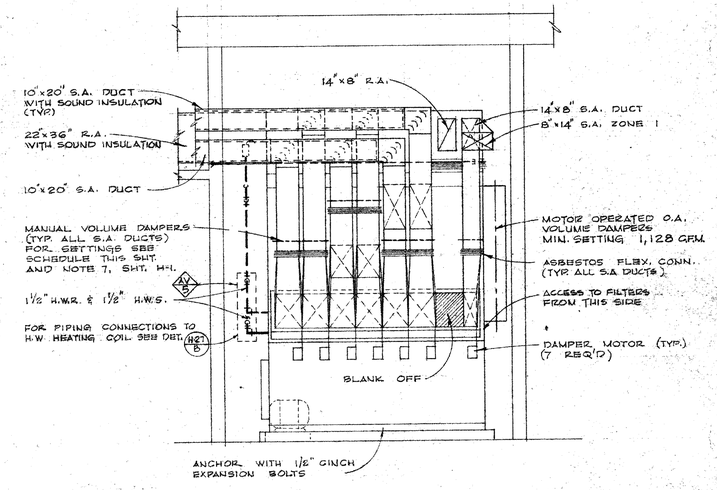
MECH. ROOM C-2 ELEVATION

SCALE : 3/8"=1'-0" DET. H-19 B



MECH. ROOM E-3 ELEVATION

SCALE : 3/8"=1'-0" DET. H-19 F



MECH. ROOM E-3 ELEVATION

SCALE : 3/8"=1'-0" DET. H-19 E

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

Mel Gianni ARCHITECT

Chester D. Wright MECHANICAL ENGINEER

ELECTRICAL ENGINEER

STRUCTURAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE - ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE — 1788 APPROVED 8-15-1963 — By [illegible]

MECHANICAL ROOM DETAILS - UNITS "C" & "E"

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE

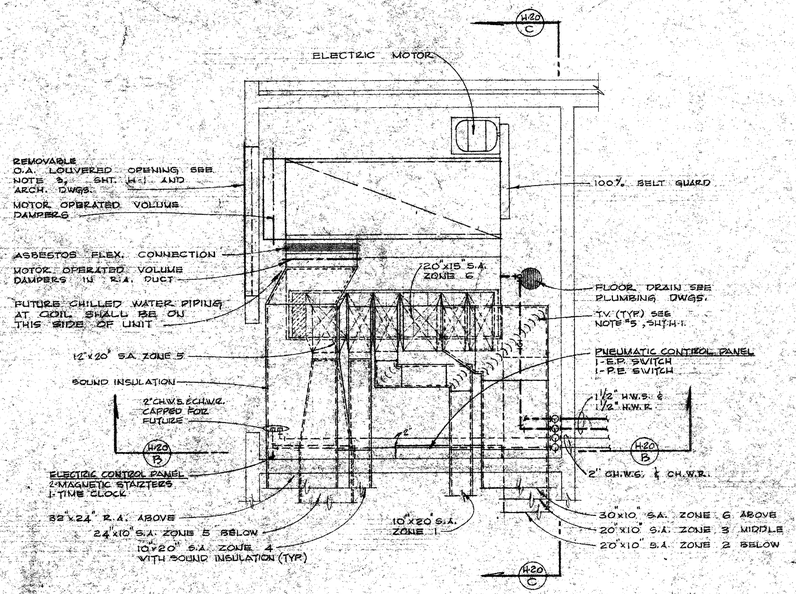
DR. BY G.H. & J.S.

CHECKED BY [illegible]

JOB NO. 56-71

SHEET NO. H19

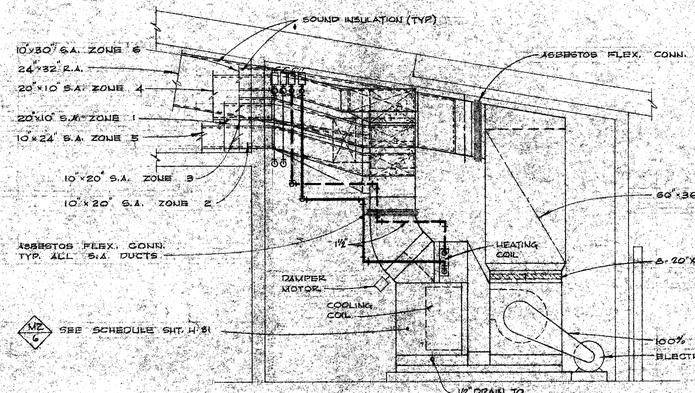
OF SHEETS



MECH. ROOM G-8 PLAN

SCALE: 3/8"=1'-0" DET. H20 A

NOTE: FOR ORIENTATION OF MECH. ROOM G-8 REFER TO BUILDING FLOOR PLAN SHT. H-5.



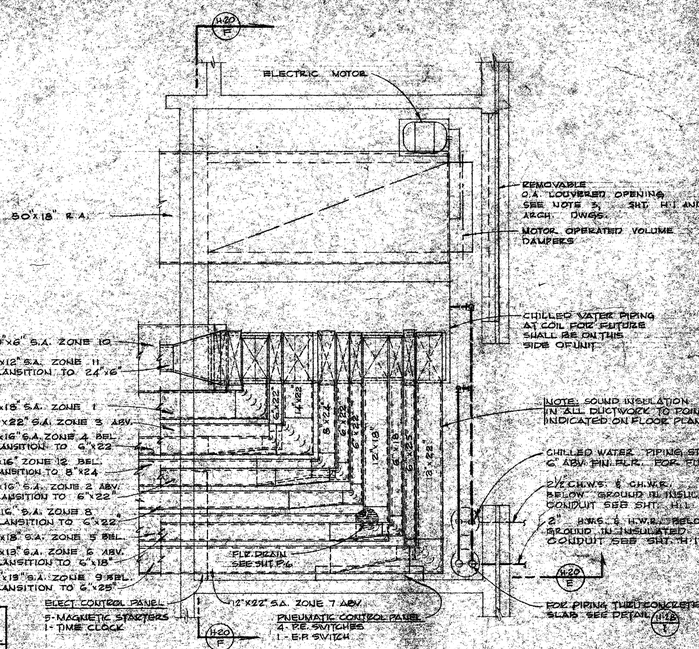
MECH. ROOM G-8 ELEVATION

SCALE: 3/8"=1'-0" DET. H20 C

NOTES:
1. FOR PIPING LAYOUT OUTSIDE THIS MECH. ROOMS SEE FLOOR PLANS.
2. FOR EQUIPMENT SIZES AND CAPACITIES SEE SCHEDULE SHT. H-31.

M2 6 — DAMPER SCHEDULE

ZONE	C.F.M.
1	1175
2	1178
3	1175
4	1175
5	1370
6	1555
TOTAL	7625



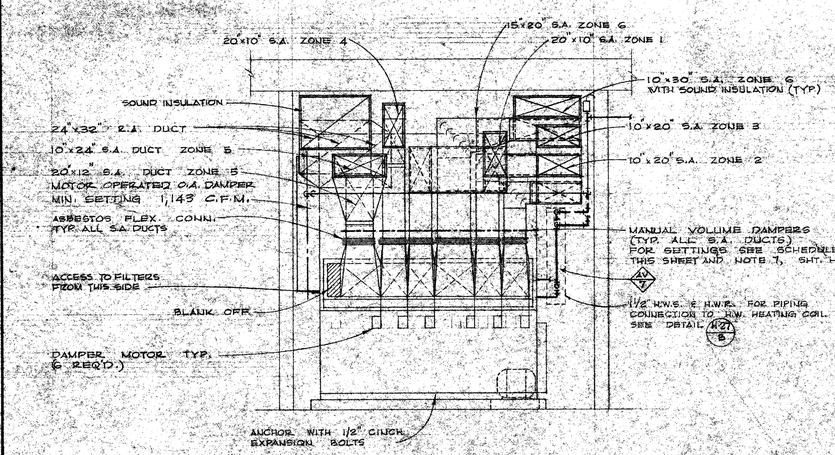
MECH. ROOM K-29 PLAN

SCALE: 3/8"=1'-0" DET. H20 D

NOTE: FOR ORIENTATION OF MECH. ROOM K-29 REFER TO BUILDING FLOOR PLAN SHT. H-6 & H-7.

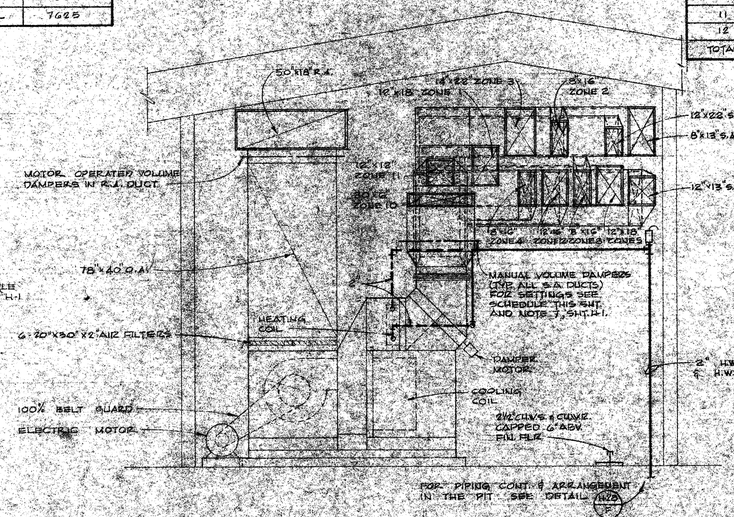
M2 8 — DAMPER SCHEDULE

ZONE	C.F.M.
1	1200
2	540
3	1510
4	535
5	1260
6	400
7	1535
8	510
9	565
10	845
11	660
12	950
TOTAL	10,870



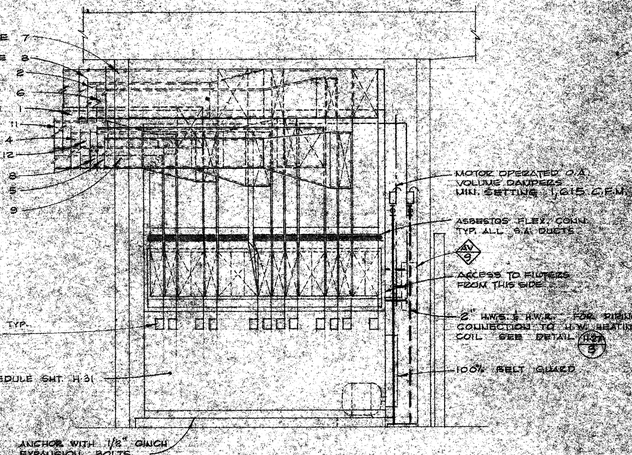
MECH. ROOM G-8 ELEVATION

SCALE: 3/8"=1'-0" DET. H20 A



MECH. ROOM K-29 ELEVATION

SCALE: 3/8"=1'-0" DET. H20 F



MECH. ROOM K-29 ELEVATION

SCALE: 3/8"=1'-0" DET. H20 E

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

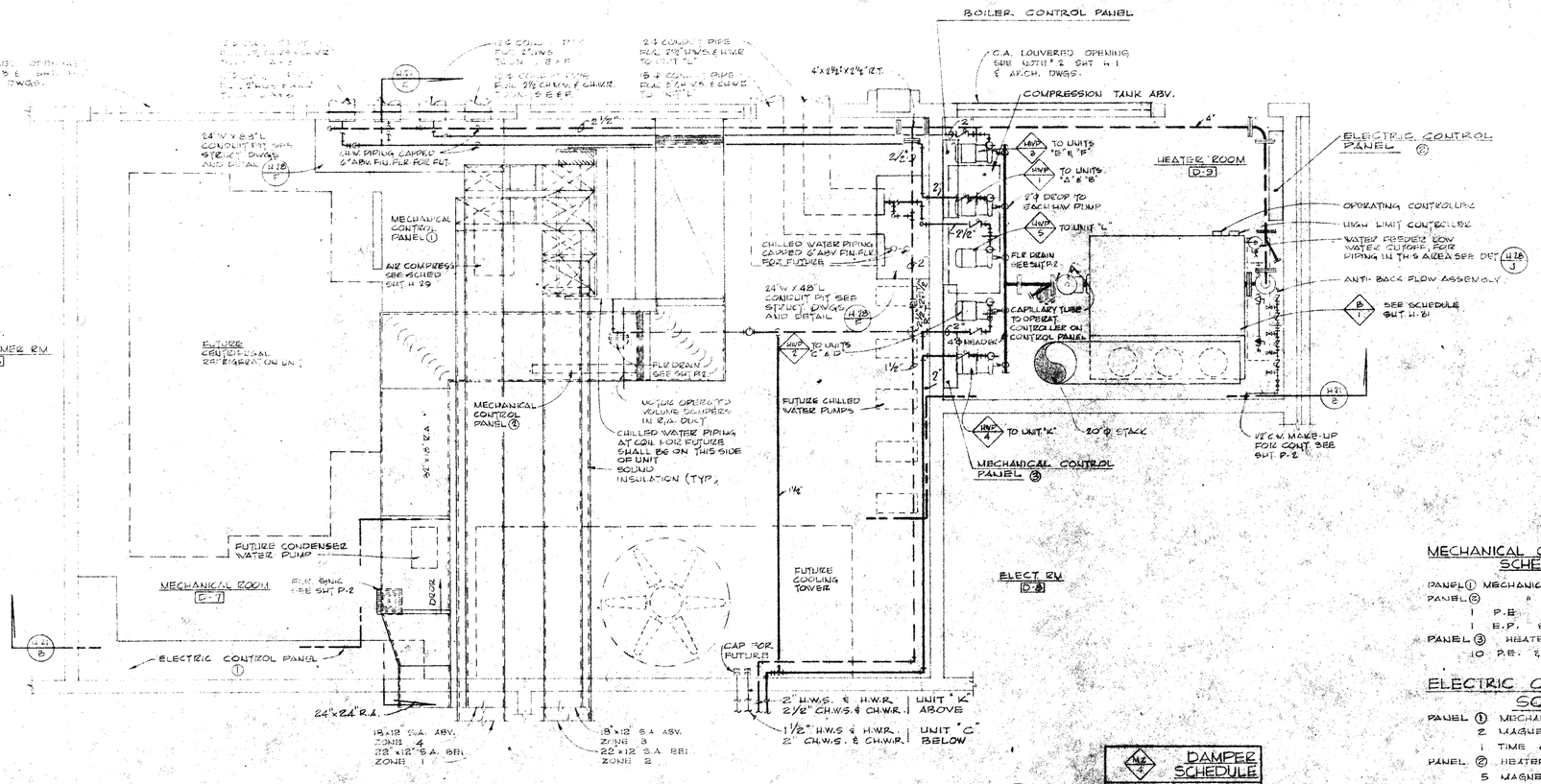
Mel Glenn ARCHITECT	Chester B. Wall MECHANICAL ENGINEER	
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE — ENGINEERING
LOS ANGELES, CALIFORNIA

MECHANICAL ROOM DETAILS & UNITS G & K
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

DATE
DR. BY: G.H. & J.S.
CHECKED BY:
JOB NO: 56-71

SHEET NO. H20
OF SHEETS



NOTES:

1. FOR PIPING LAYOUT OUTSIDE THE MECH. ROOMS SEE FLOOR PLANS.
2. FOR EQUIPMENT SIZE AND CAPACITIES SEE SCHEDULE SHT. H-31.
3. FOR HEATING AND VENTILATING NOTES, SYMBOLS, AND ABBREVIATIONS SEE SHT. H-1.
4. FOR CONTROL DIAGRAM SEE SHT. H-29.

MECHANICAL ROOM D-7 AND HEATER ROOM D-9 - PLAN

SCALE: 3/8" = 1'-0"

DET. H21/A

NOTE: FOR ORIENTATION OF MECH. ROOM D-7 & D-9 REFER TO BUILDING FLOOR PLAN SHT. H-3.

DAMPER SCHEDULE	
ZONE	C.F.M.
1	1640
2	1540
3	1175
4	1175
TOTAL	5430

MECHANICAL CONTROL PANEL SCHEDULE

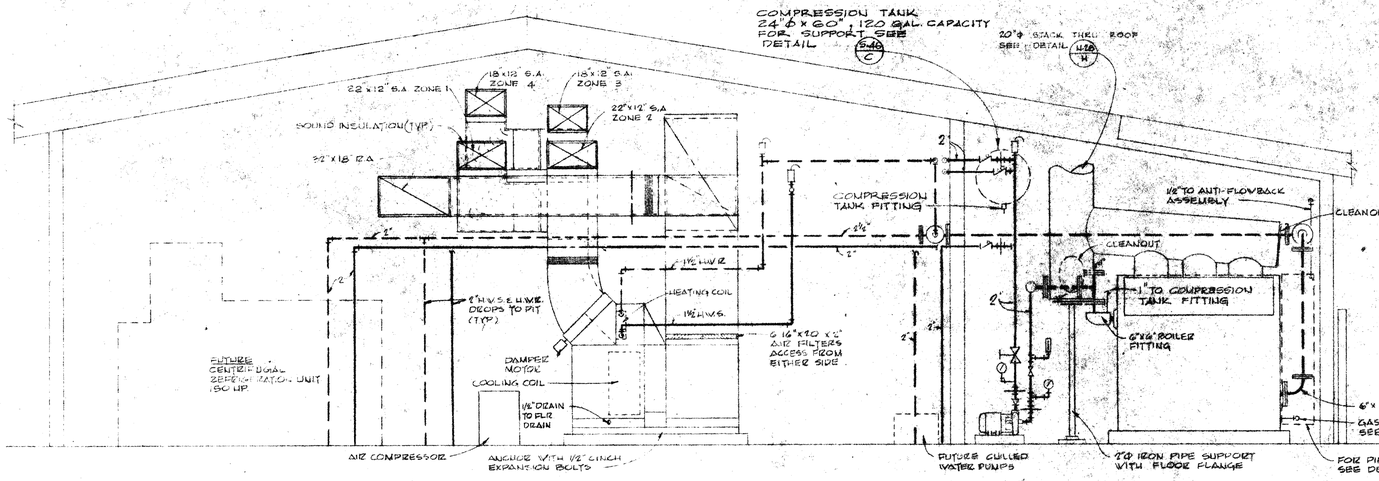
PANEL ① MECHANICAL RM. D-7 FUTURE 8
PANEL ② " " " 1 P.E. 1 E.P. & OTHER EQUIPMENT
PANEL ③ HEATER RM. D-9 10 P.E. & OTHER EQUIPMENT

ELECTRIC CONTROL PANEL SCHEDULE

PANEL ① MECHANICAL RM. D-7 2 MAGNETIC STARTERS 1 TIME CLOCK
PANEL ② HEATER RM. D-9 5 MAGNETIC STARTERS

BOILER CONTROL PANEL SCHEDULE

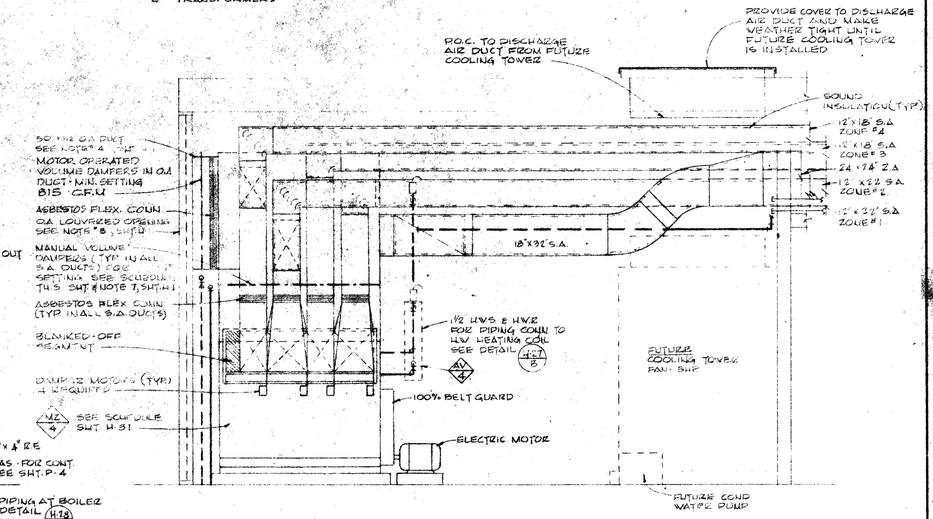
HEATER ROOM D-9
2 PROTECTOR RELAYS
2 ALARM BELLS
2 TRANSFORMERS



MECHANICAL ROOM D-7 AND HEATER ROOM D-9 - ELEVATION

SCALE: 3/8" = 1'-0"

DET. H21/B



MECH. ROOM D-7 ELEVATION

SCALE: 3/8" = 1'-0"

DET. H21/C

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

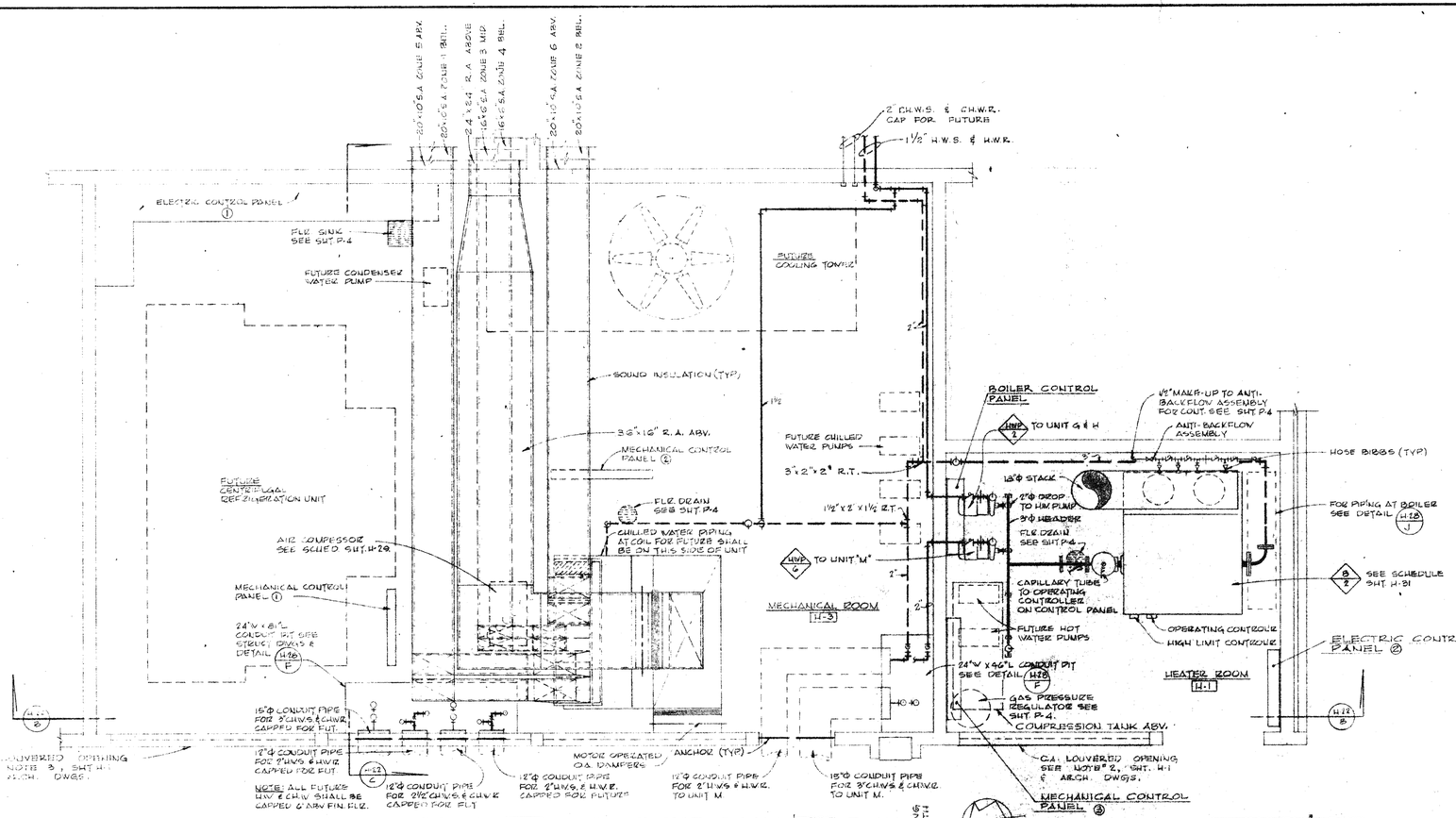
ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA

MECHANICAL ROOM DETAILS SHT. NO.

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE
DR. BY JJ
CHECKED BY
JOB NO. 56-71

SHEET NO. H21 OF SHEETS



MECHANICAL ROOM H-3 AND HEATER ROOM H-1-PLAN

SCALE 3/8"=1'-0"

DETAIL H/22 A

NOTE: FOR ORIENTATION OF ROOMS H-1 & H-3 REFER TO BUILDING FLOOR PLAN SHT. H-3.

NOTES:

1. FOR PIPING LAYOUT OUTSIDE THE MECH. ROOMS SEE FLOOR PLANS
2. FOR EQUIPMENT SIZES AND CAPACITIES SEE SCHEDULES SHT. H-31.
3. FOR HEATING AND VENTILATING NOTES, SYMBOLS, AND ABBREVIATIONS SEE SHT. H-1.
4. FOR CONTROL DIAGRAM SEE SHT. H-29.

MECHANICAL CONTROL PANEL SCHEDULE

PANEL (1) MECHANICAL RM. H-3 : FUTURE
PANEL (2) " " 1 E.P. & OTHER EQUIPMENT
PANEL (3) HEATER ROOM H-1 4 P.E. & OTHER EQUIPMENT

ELECTRIC CONTROL PANEL SCHEDULE

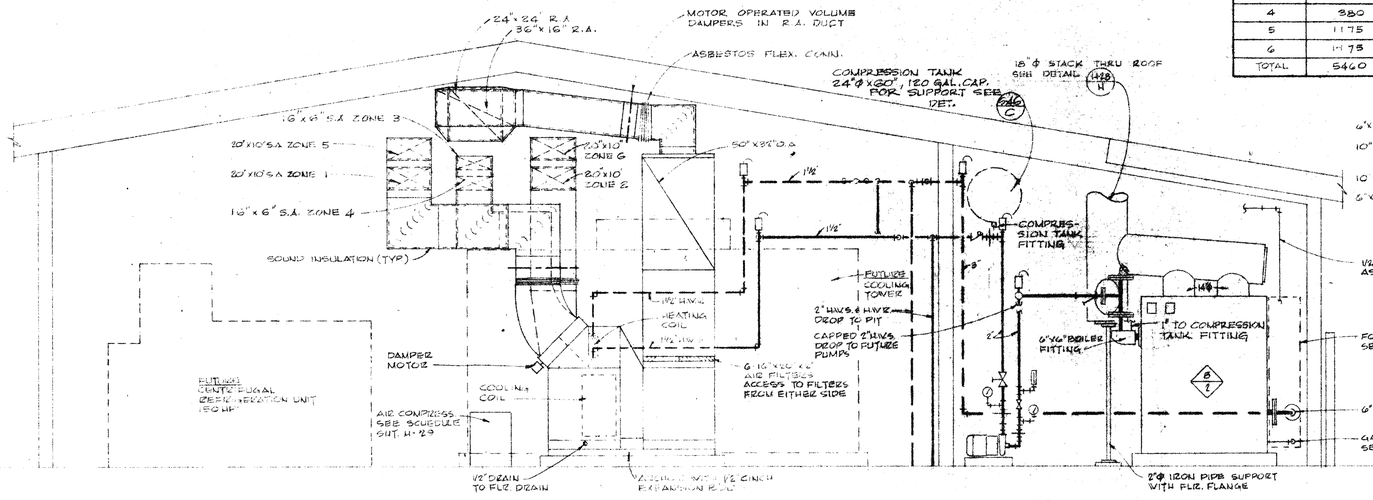
PANEL (1) MECHANICAL ROOM H-3
2 MAGNETIC STARTERS
1 TIME CLOCK
PANEL (2) HEATER ROOM H-1
2 MAGNETIC STARTERS

BOILER CONTROL PANEL SCHEDULE

HEATER ROOM H-1
2 PROTECTOR RELAYS
2 ALARM BELLS
2 TRANSFORMERS

DAMPER SCHEDULE

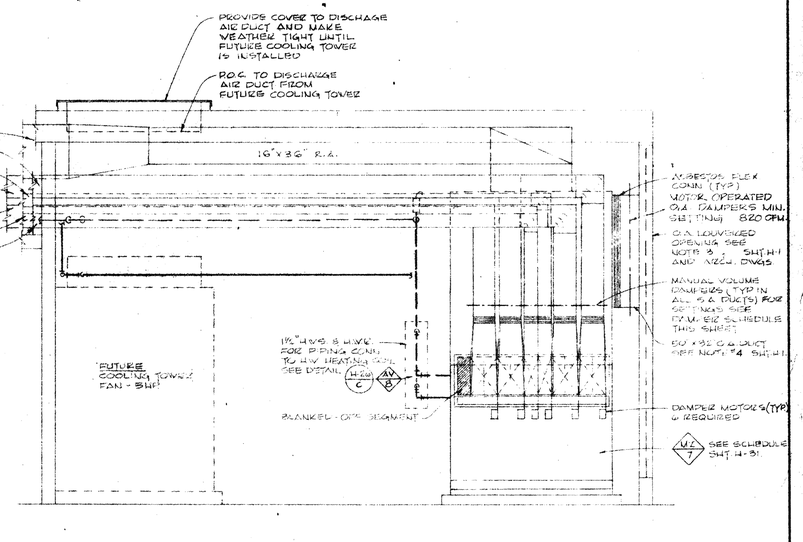
W2/7 ZONE	C.F.M.
1	1175
2	1175
3	880
4	880
5	1175
6	1175
TOTAL	5460



MECHANICAL RM. H-3 & HEATER RM. H-1 ELEVATION

SCALE : 3/8"=1'-0"

DET. H/22 B



MECH. ROOM H-1 ELEVATION

SCALE : 3/8"=1'-0"

DET. H/22 C

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

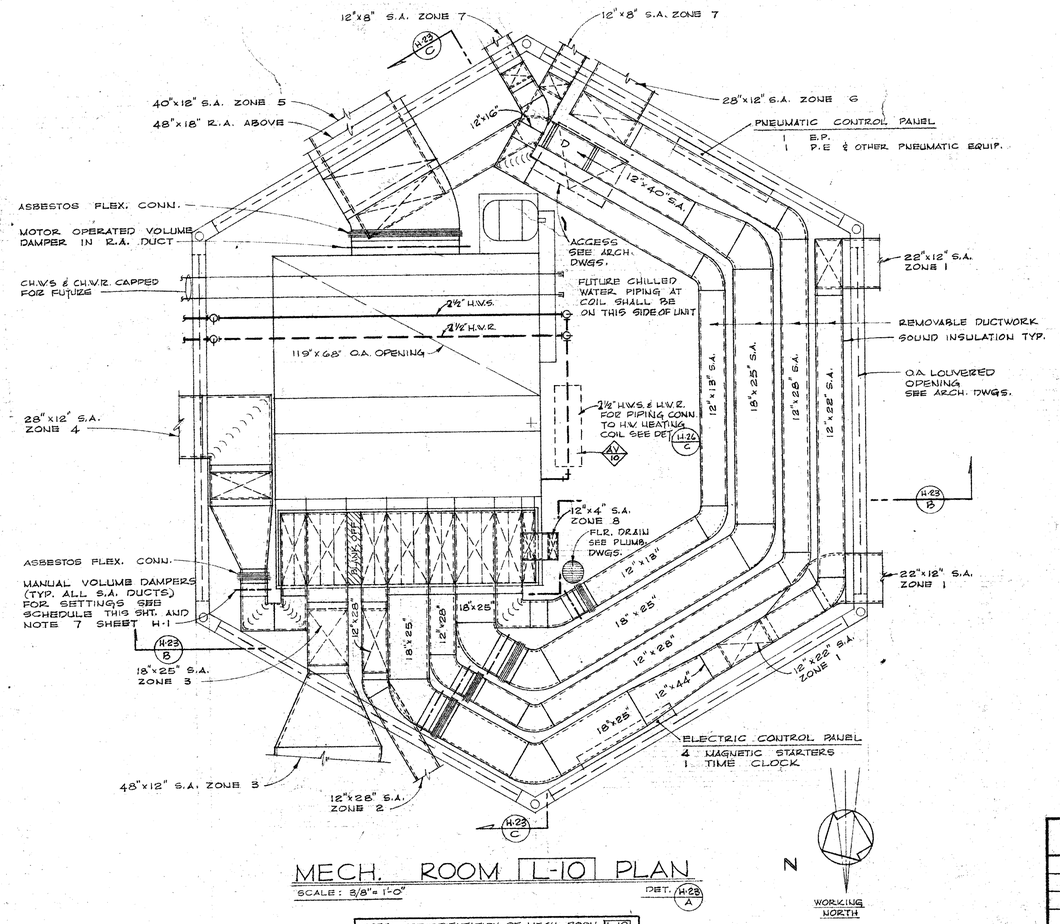
ARCHITECTURE - ENGINEERING — LOS ANGELES, CALIFORNIA

MECHANICAL ROOM DETAILS - DWG. H

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE
DR. BY JJ
CHECKED BY
JOB NO. 56-71

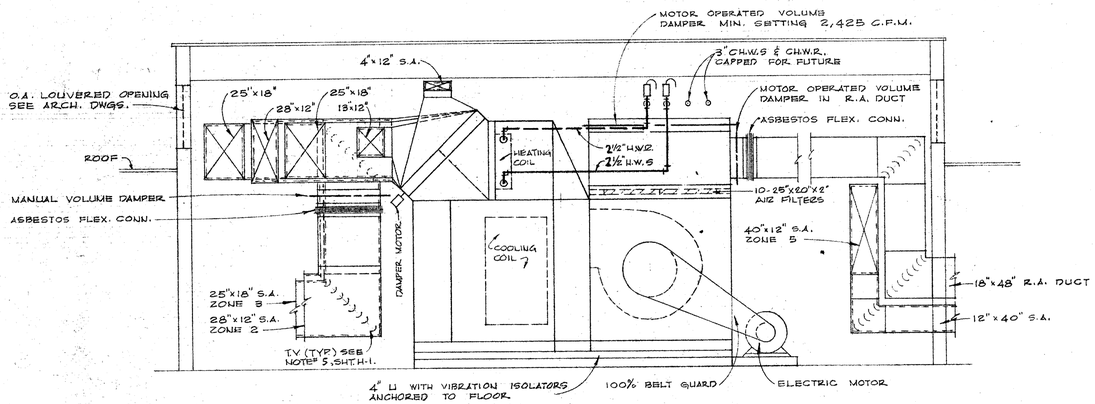
SHEET NO. H22 OF SHEETS



MECH. ROOM L-10 PLAN

SCALE: 3/8"=1'-0" DET. H-28 A

NOTE: FOR ORIENTATION OF MECH. ROOM L-10 REFER TO BUILDING FLOOR PLAN SHT. H-3.



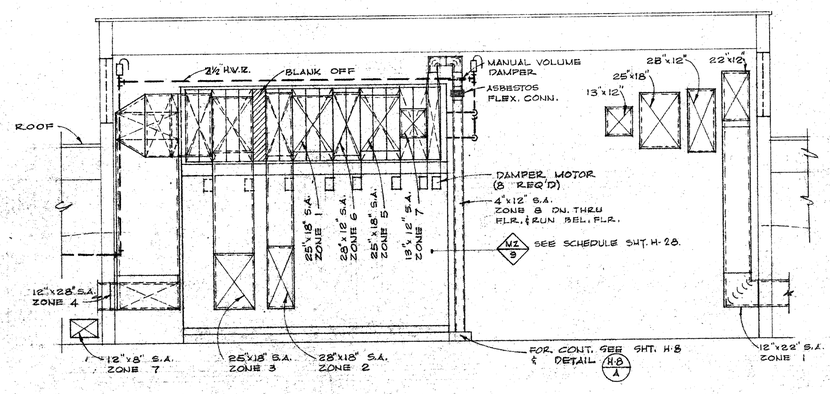
MECH. ROOM L-10 ELEVATION

SCALE: 3/8"=1'-0" DET. H-23 C

MZ 9	DAMPER SCHEDULE
ZONE	C.F.M.
1	3160
2	1940
3	8100
4	1940
5	9160
6	1940
7	810
8	140
TOTAL	16190

NOTES:

1. FOR PIPING LAYOUT OUTSIDE MECH. ROOM SEE FLOOR PLAN, SHT. H-8
2. FOR EQUIPMENT SIZE AND CAPACITIES SEE SCHEDULE SHT. H-31.
3. FOR HEATING AND VENTILATING NOTES SYMBOLS AND ABBREVIATIONS SEE SHT. H-1.
4. FOR CONTROL DIAGRAM SEE SHT. H-29



MECH. ROOM L-10 ELEVATION

SCALE: 3/8"=1'-0" DET. H-23 B

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT | MECHANICAL ENGINEER | ELECTRICAL ENGINEER | STRUCTURAL ENGINEER | CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

MECHANICAL ROOM DETAILS • UNIT "L"

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

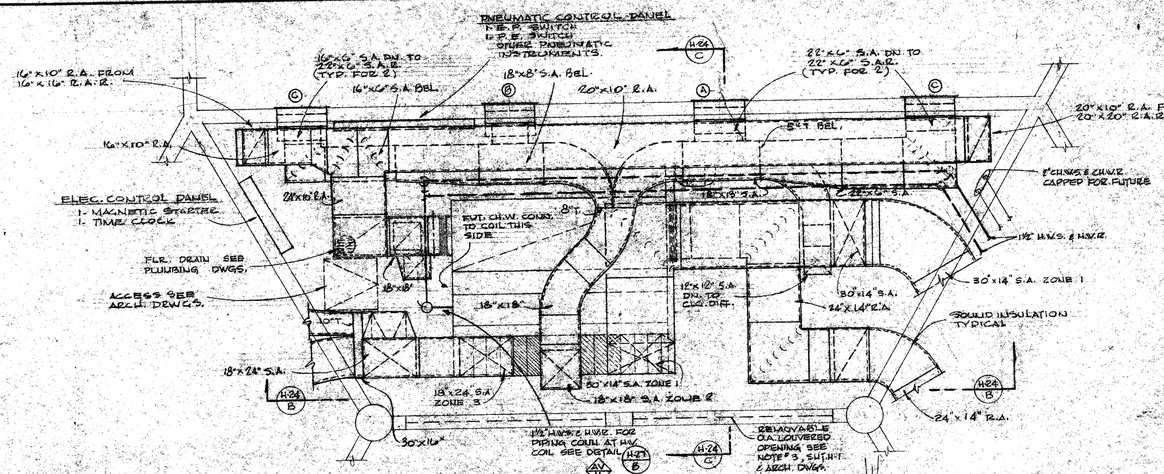
DATE

DR. BY G.H. & J.S.

CHECKED BY

JOB NO. 56-71

SHEET NO. H23 OF SHEETS

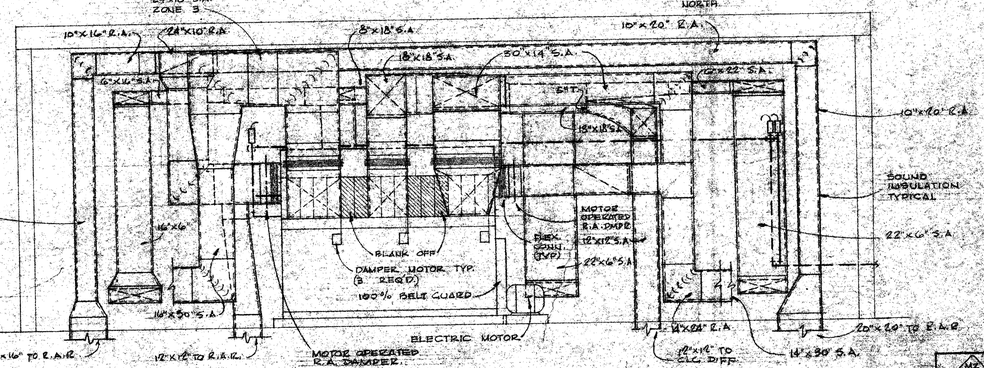


MECH. ROOM M-17 PLAN

SCALE: 3/8"=1'-0"

DET. H24/A

NOTE
FOR REGISTERS AND DIFFUSERS CAPACITIES SEE SCHED. SHT H-9.

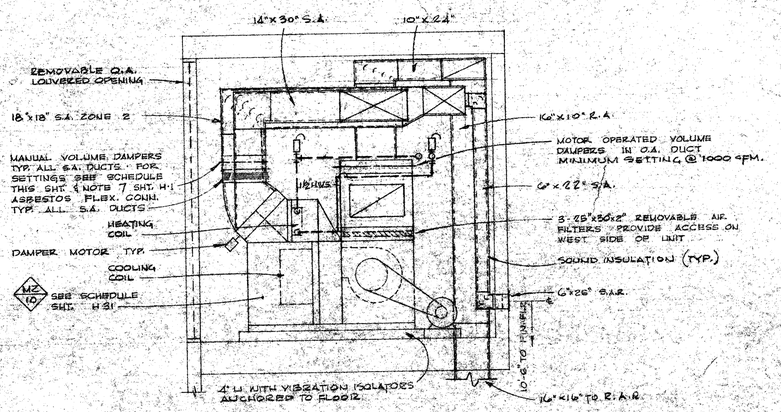


MECH. ROOM M-17 ELEVATION

SCALE: 3/8"=1'-0"

DET. H24/B

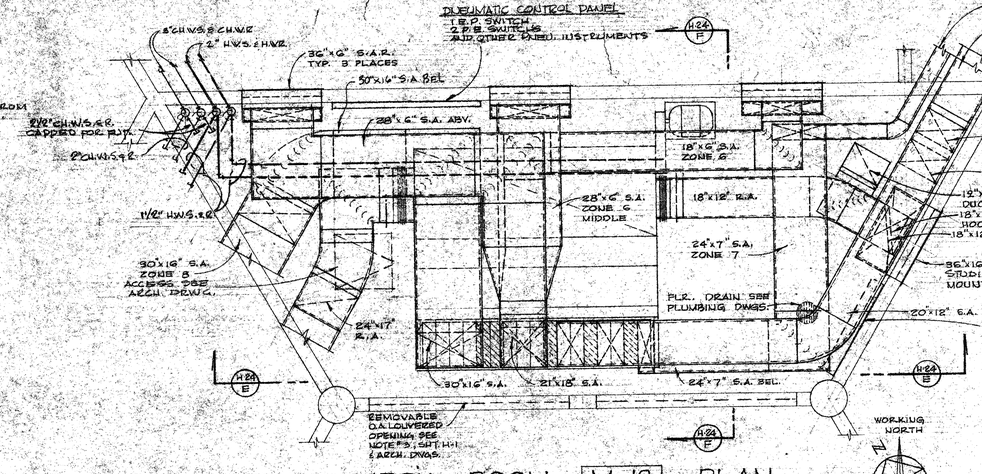
M2/10 DAMPER SCHEDULE	
ZONE	C.F.M.
1	2150
2	2120
3	2490
TOTAL	6760



MECH. ROOM M-17 ELEVATION

SCALE: 3/8"=1'-0"

DET. H24/C

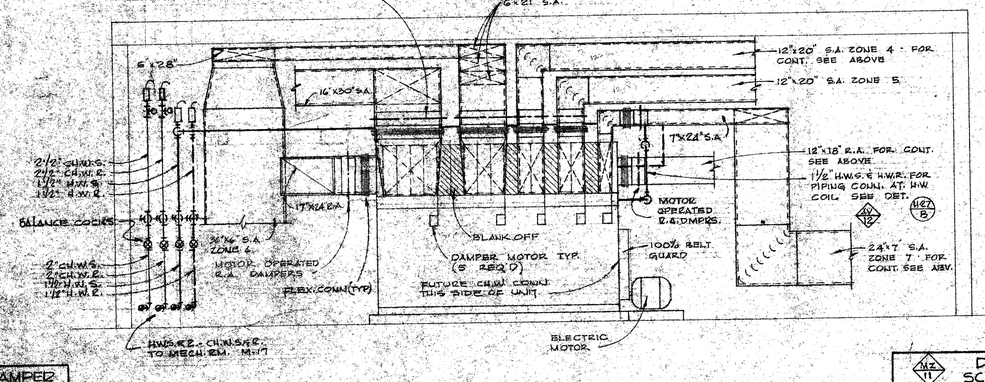


MECH. ROOM M-18 PLAN

SCALE: 3/8"=1'-0"

DET. H24/D

NOTE
FOR REGISTER SIZES AND CAPACITIES SEE SCHED. SHT. H-9.

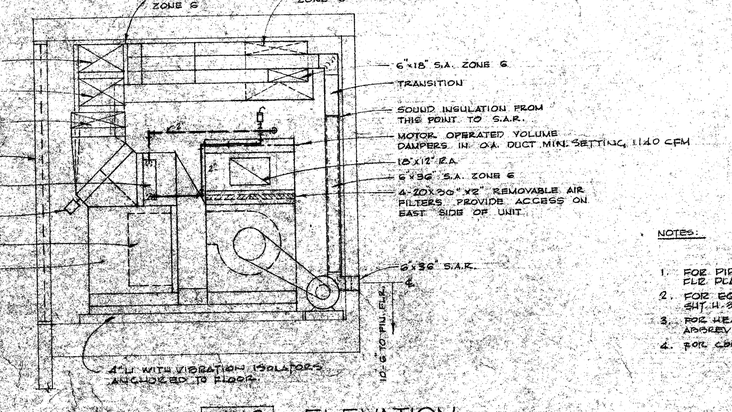


MECH. ROOM M-18 ELEVATION

SCALE: 3/8"=1'-0"

DET. H24/E

M2/11 DAMPER SCHEDULE	
ZONE	C.F.M.
4	1245
5	1290
6	1930
7	690
8	2505
TOTAL	7660



MECH. ROOM M-18 ELEVATION

SCALE: 3/8"=1'-0"

DET. H24/F

NOTES:

1. FOR PIPING LAYOUT OUTSIDE THE MECH. ROOMS SEE FLR. PLAN SHT. H-8.
2. FOR EQUIPMENT SIZES & CAPACITIES SEE SCHEDULE SHT. H-31.
3. FOR HEATING & VENTILATING NOTES, SYMBOLS & ABBREVIATIONS SEE SHT. H-1.
4. FOR CONTROL DIAGRAM SEE SHT. H-29

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

STRUCTURAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE — ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

MECHANICAL ROOM DETAILS - UNIT "M"

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NOR WALK CALIFORNIA

DATE

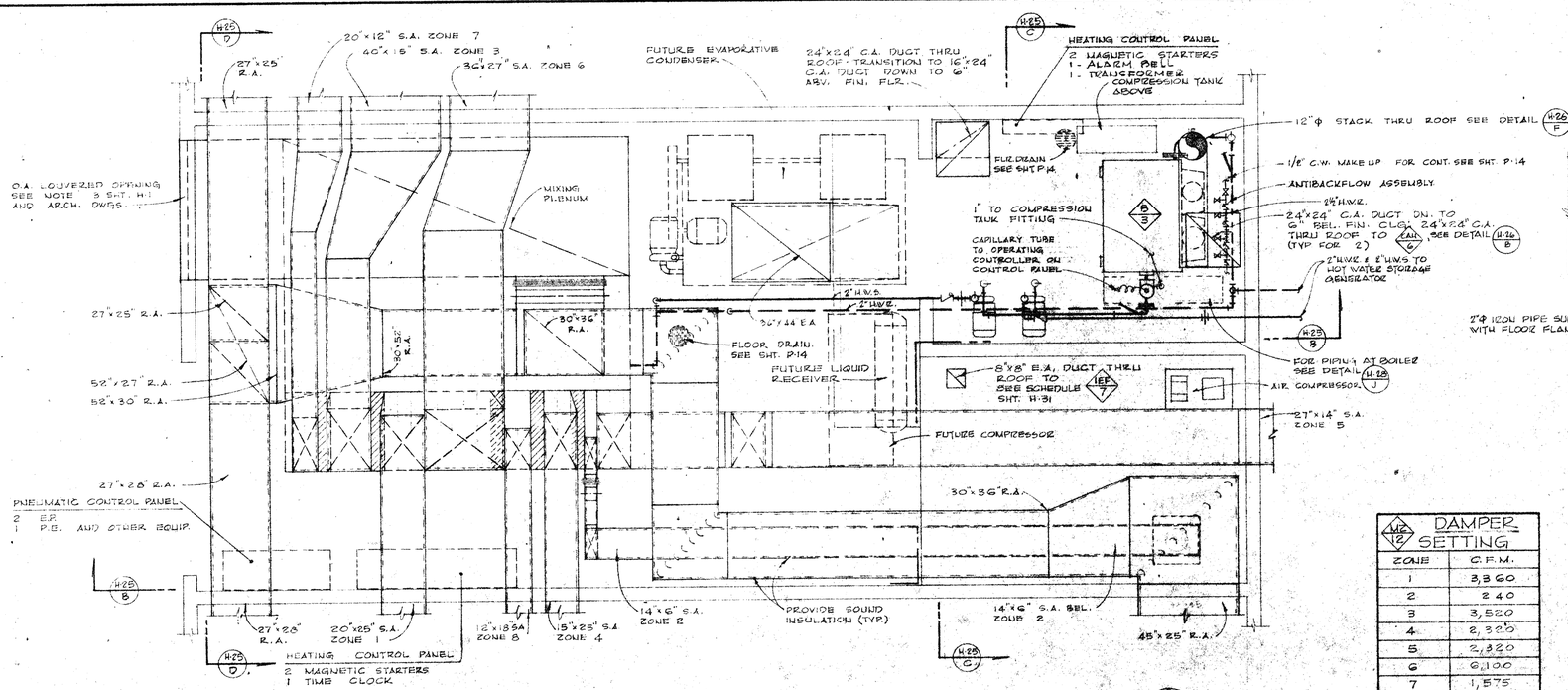
DR. BY G.H. & J.G.

CHECKED BY

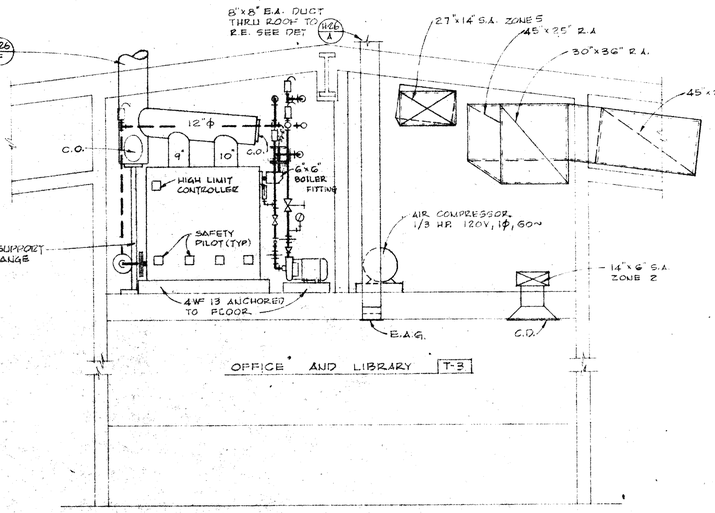
JOB NO. SC-71

SHEET NO. H24

OF SHEETS



MZ/12 DAMPER SETTING	
ZONE	C.F.M.
1	3,360
2	240
3	3,520
4	2,320
5	2,320
6	6,100
7	1,575
8	1,250
TOTAL	20,685



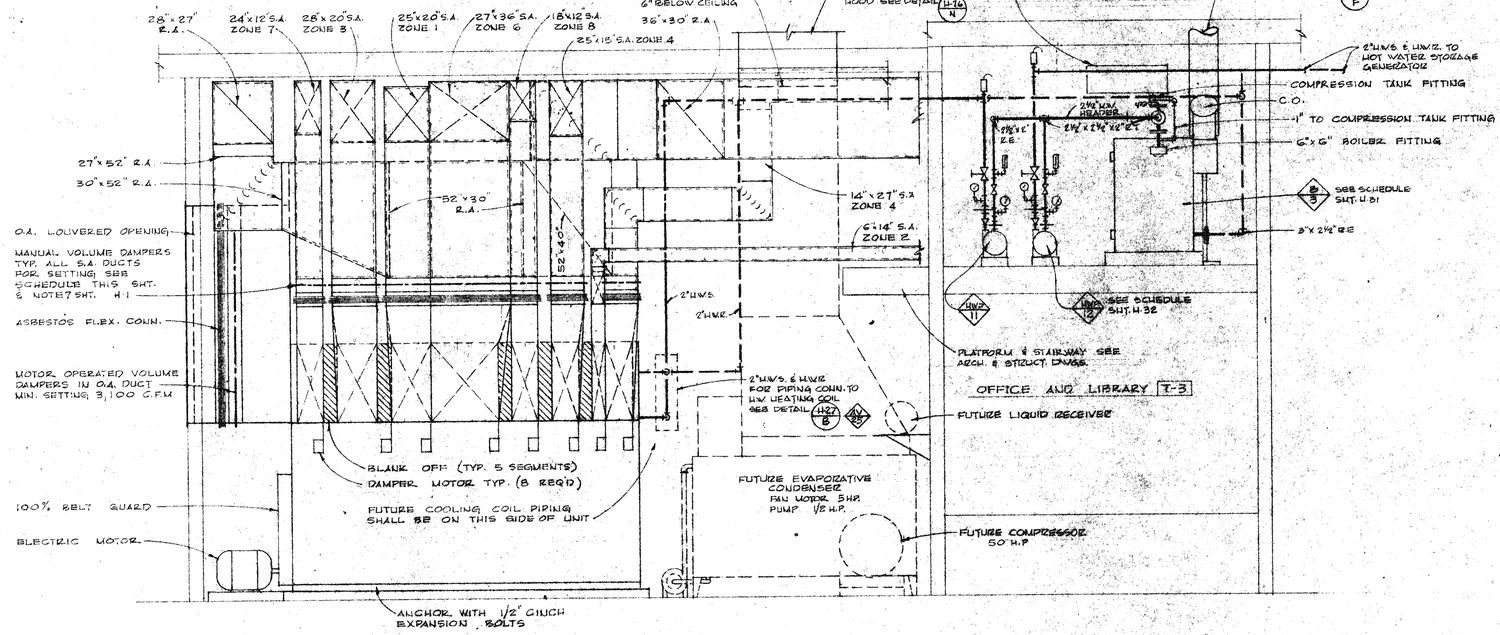
HEATER ROOM T-27 ELEVATION

SCALE : 3/8"=1'-0" DETAIL H25/C

MECHANICAL RM. T-2 & HEATER RM. T-27 PLAN

SCALE : 3/8"=1'-0" DETAIL H25/A

NOTE: FOR ORIENTATION OF MECH ROOM T-2 & T-27 REFER TO BUILDING FLOOR PLAN SEE SHT. H-15.

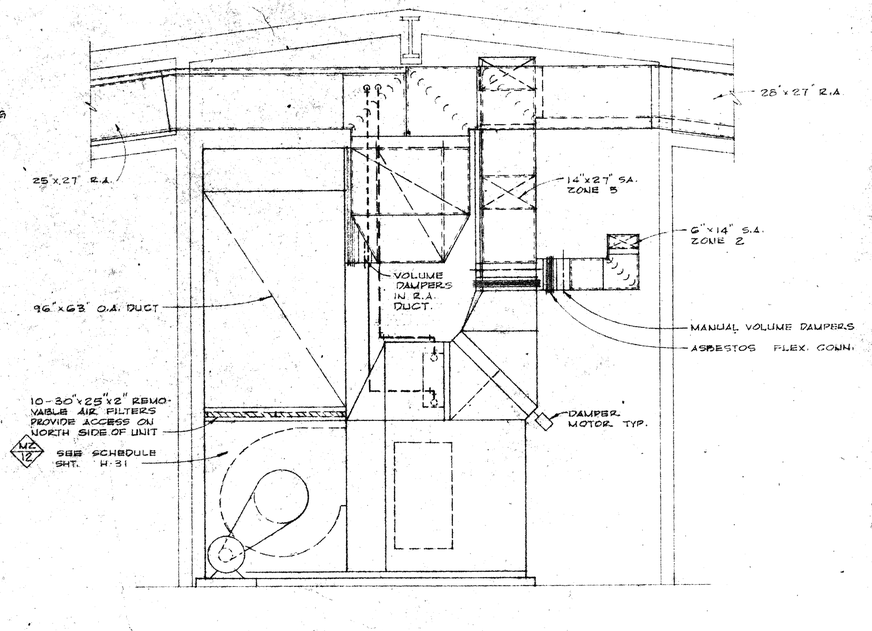


MECHANICAL RM. T-2 & HEATER RM. T-27 ELEVATION

SCALE : 3/8"=1'-0" DETAIL H25/B

NOTES:

1. FOR HEATING AND VENTILATING NOTES, SYMBOLS & ABBREVIATIONS SEE SHT. H-1
2. FOR CONTROL DIAGRAM SEE SHT. H-29
3. FOR CONT OF H.W. PIPING OUTSIDE OF THE MECH. RM. SEE SHT. H-15
4. FOR EQUIPMENT SCHEDULES SEE SHT. H-31 & H-32.



MECHANICAL ROOM T-2 ELEVATION

SCALE : 3/8"=1'-0" DETAIL H25/D

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT — STRUCTURAL ENGINEER — MECHANICAL ENGINEER — ELECTRICAL ENGINEER — CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA

MECHANICAL ROOM DETAILS - UNIT "T"

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

DATE

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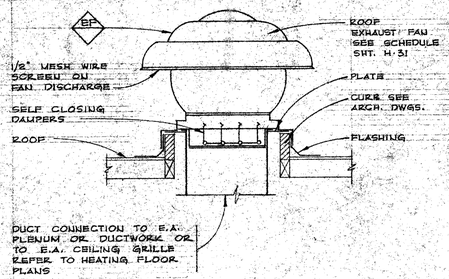
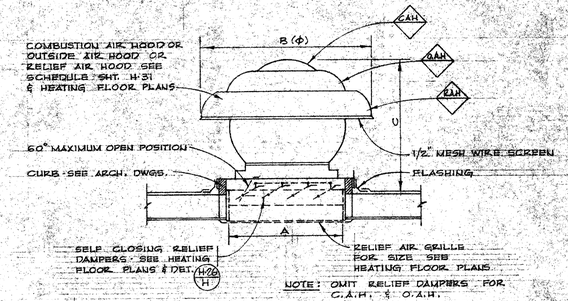
JOB NO. 56-71

SHEET NO. H25 OF SHEETS



ROOF EXHAUST FAN

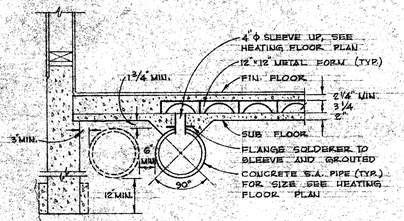
NO SCALE — DETAIL H26/A



NOTE: OMIT RELIEF DAMPERS FOR C.A.H. & O.A.H.

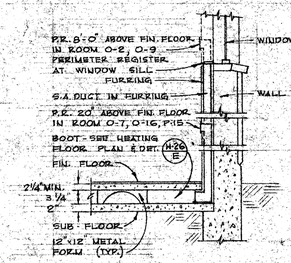
OUTSIDE AIR HOOD
RELIEF AIR HOOD
COMBUSTION AIR HOOD

NO SCALE — DETAIL H26/B



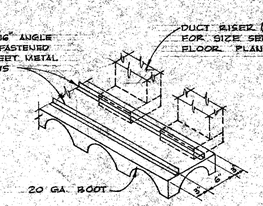
CONCRETE PIPE SECTION

NO SCALE — DETAIL H26/C



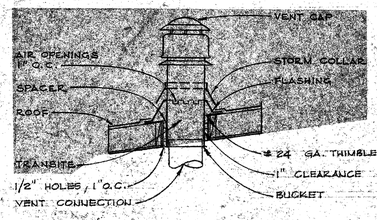
PERIMETER REGISTER

NO SCALE — DETAIL H26/D



BOOT

NO SCALE — DETAIL H26/E

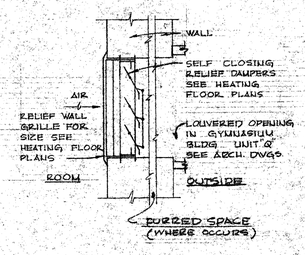


STACK OR VENT

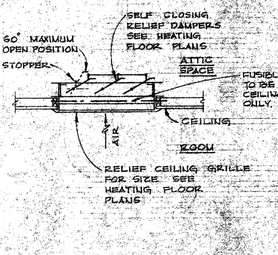
NO SCALE — 12ϕ AND SMALLER DETAIL H26/F

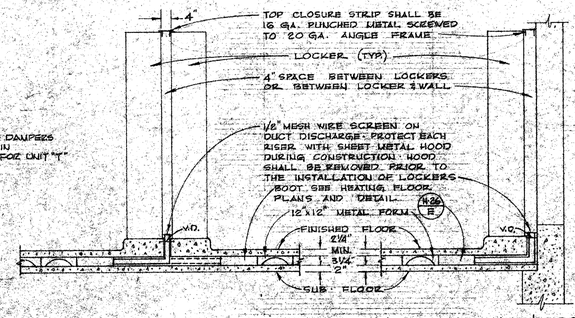
NOTE:

1. VENTS FOR WATER HEATERS SHALL BE FURNISHED AND INSTALLED UNDER THE PLUMBING SECTIONS OF THE SPECIFICATIONS.
2. STACKS FOR BOILERS, VENTS FOR FURNACES AND HEATERS SHALL BE FURNISHED AND INSTALLED UNDER THE HEATING SECTIONS OF THE SPECIFICATIONS.

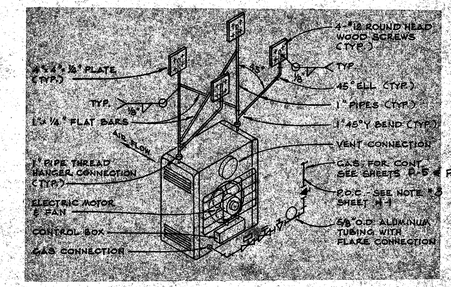


FURRED SPACE (WHERE OCCURS)





BETWEEN LOCKERS — BETWEEN WALL & LOCKER



SUSPENDED UNIT HEATER

NO SCALE — DETAIL H26/P

WALL RELIEF

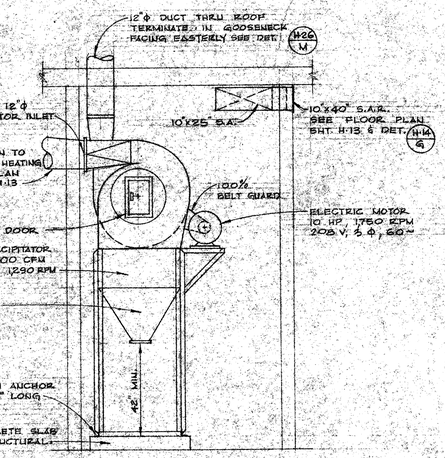
NO SCALE — DETAIL H26/G

CEILING RELIEF

NO SCALE — DETAIL H26/H

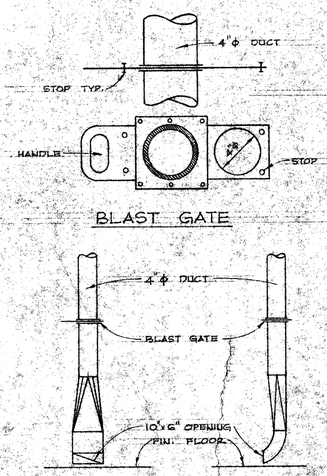
PERIMETER REGISTER IN LOCKER BASE

NO SCALE — UNIT "P" ONLY — DETAIL H26/I



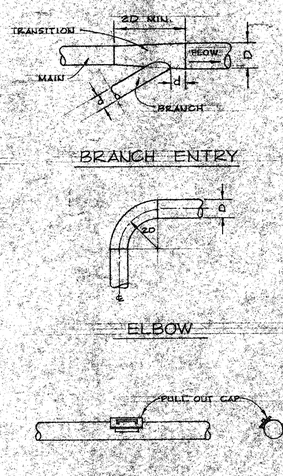
DUST PRECIPITATOR R-13 ELEVATION

SCALE: 3/8"=1'-0" — DETAIL H26/K



BLAST GATE

FLOOR SWEEPER



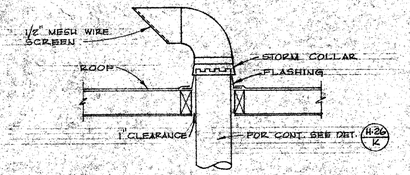
BRANCH ENTRY

ELBOW

CLEANOUT

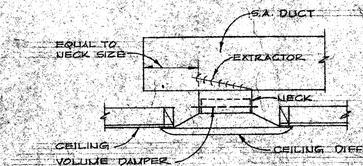
DUST REMOVAL SYSTEM DUCT FITTINGS

NO SCALE — DETAIL H26/L



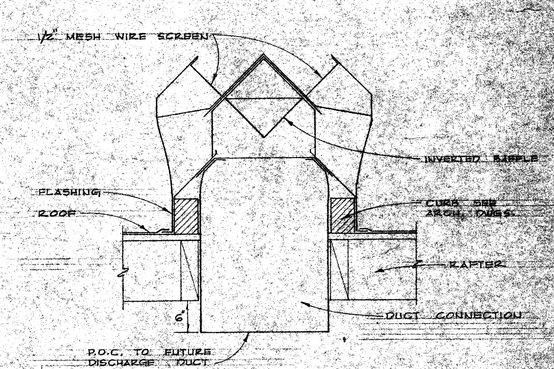
GOOSENECK

NO SCALE — DETAIL H26/M



CEILING DIFFUSER

NO SCALE — DETAIL H26/O



DISCHARGE AIR HOOD
FUTURE EVAPORATIVE CONDENSER

NO SCALE — DETAIL H26/N

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

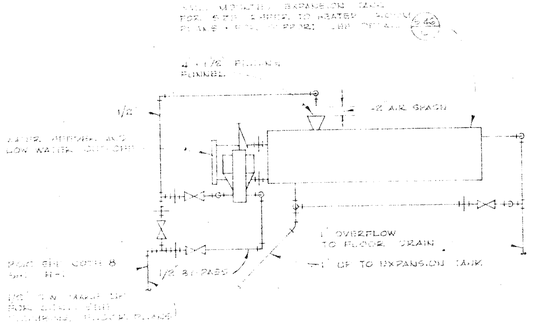
Mark D. Wright — MECHANICAL ENGINEER — ELECTRICAL ENGINEER — STRUCTURAL ENGINEER — CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE - ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
17893 — APPROVED JAN 15 1963 — R. Mangum

TYPICAL MECHANICAL DETAILS
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

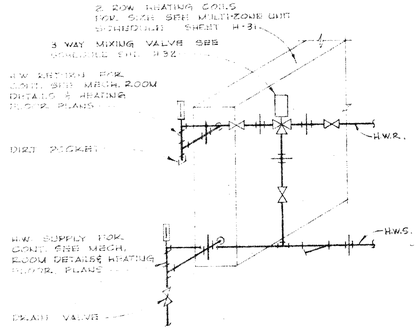
DATE
DR. BY G.H. & J.S.
CHECKED BY
JOB NO. 5871
SHEET NO. H26
OF SHEETS



EXPANSION TANK PIPING ARRANGEMENT

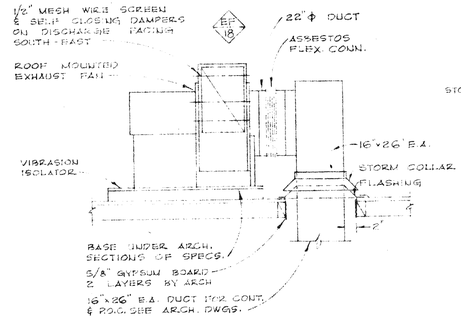
NO SCALE

DETAIL H27 A



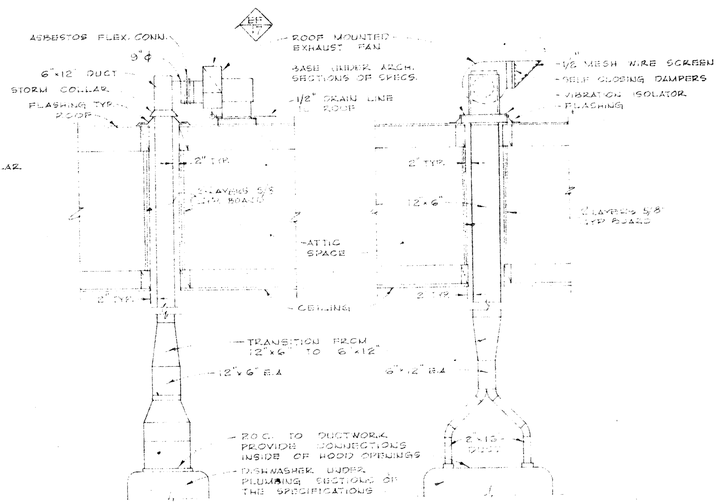
HEATING COIL PIPING ARRANGEMENT

NO SCALE FOR MULTIZONE UNITS DETAIL H27 B



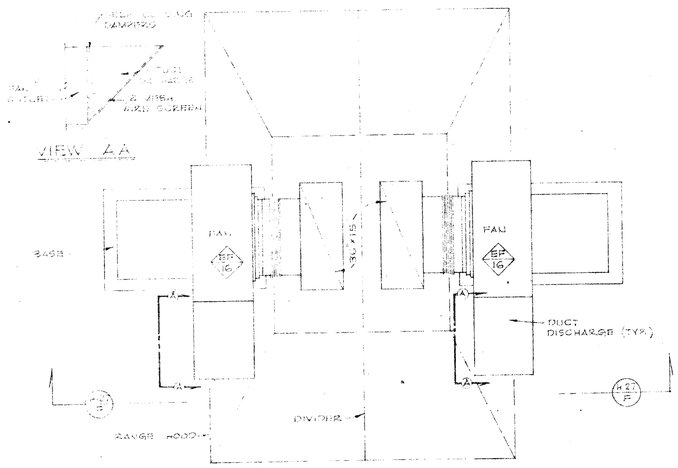
FURNACE HOOD EXHAUST

SCALE: 1/2"=1'-0" DETAIL H27 C



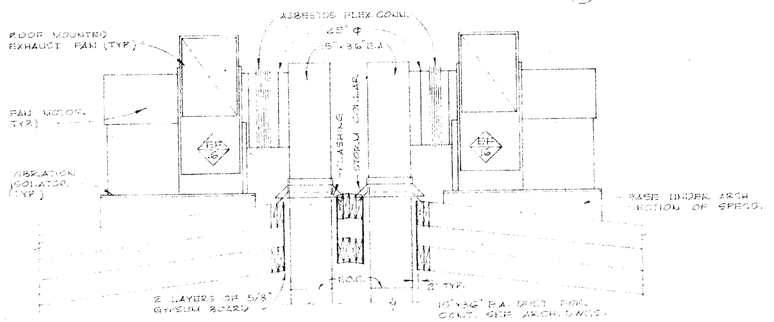
DISHWASHER EXHAUST

NO SCALE DETAIL H27 D



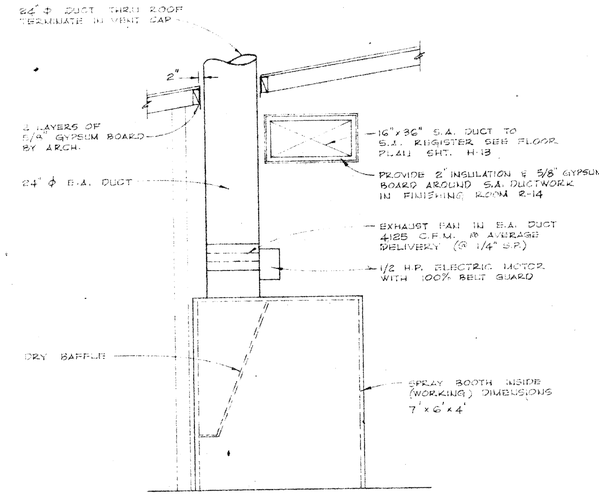
RANGE HOOD EXHAUST PLAN

SCALE: 1/2"=1'-0" DETAIL H27 E



RANGE HOOD EXHAUST ELEVATION

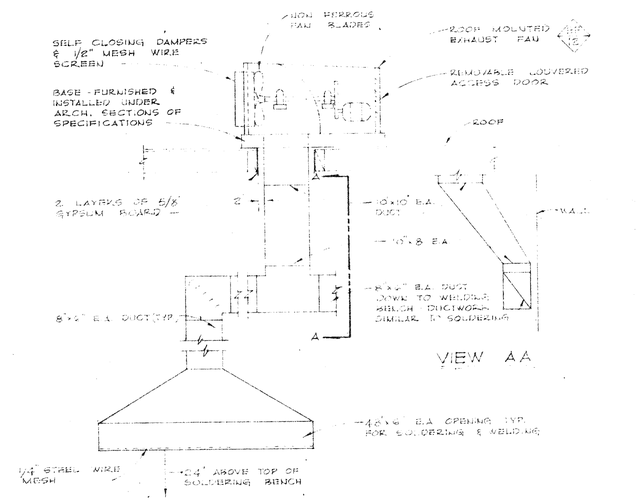
SCALE: 1/2"=1'-0" DETAIL H27 F



SPRAY BOOTH EXHAUST — ELEVATION

FINISHING ROOM R-14

SCALE: 3/8"=1'-0" DETAIL H27 G



SOLDERING & WELDING AREA EXHAUST

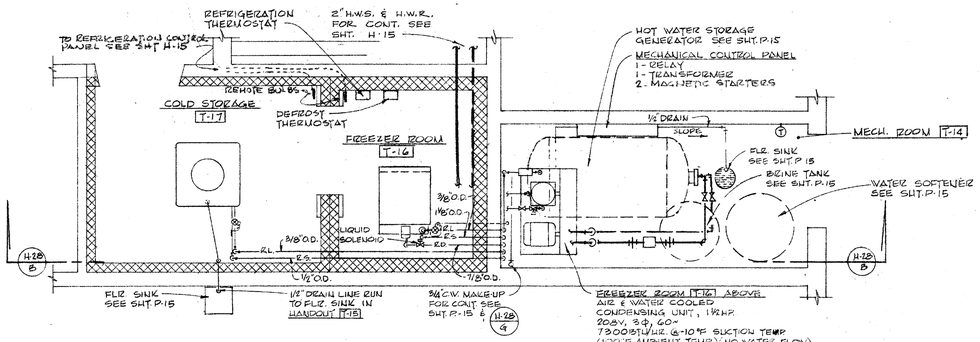
SCALE: 3/4"=1'-0" DETAIL H27 H

NOTE: FOR HEATING AND VENTILATING NOTES SYMBOLS AND ABBREVIATIONS SEE SHT H-1
FOR EQUIPMENT SCHEDULES SEE SHT H-31

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

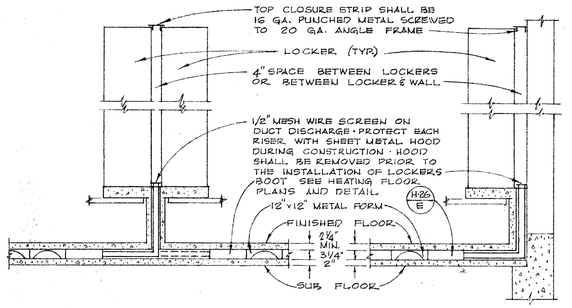
ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT	TYPICAL MECHANICAL DETAILS
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES	LA MIRADA HIGH SCHOOL
	CIVIL ENGINEER	ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA	EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA

DATE
DR. BY G.H. & J.S.
CHECKED BY
JOB NO. 56-71
SHEET NO. H27 OF SHEETS



PARTIAL FLOOR PLAN - REFRIGERATION LAYOUT

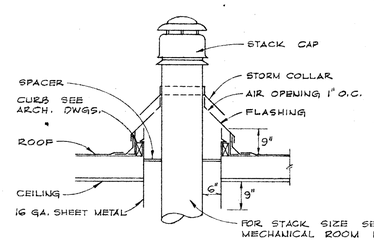
SCALE: 3/8" = 1'-0" — DETAIL H-28 A



BETWEEN LOCKERS — BETWEEN WALL & LOCKER

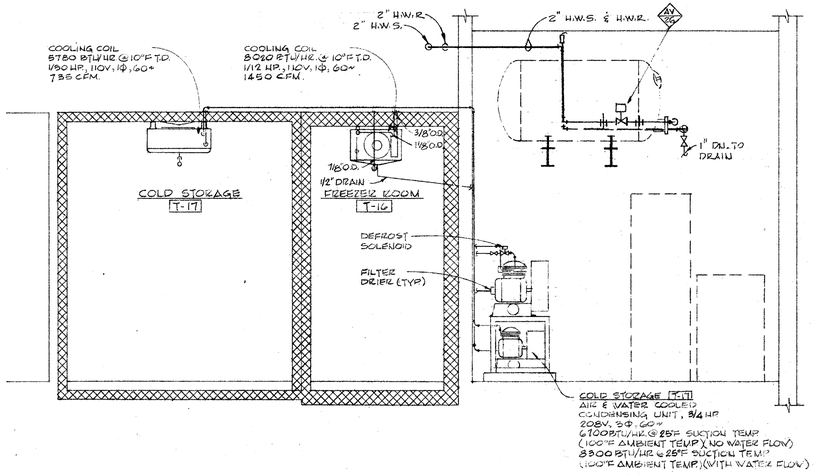
PERIMETER REGISTER IN LOCKER BASE

NO SCALE — UNIT "O" ONLY — DET. H-28 E



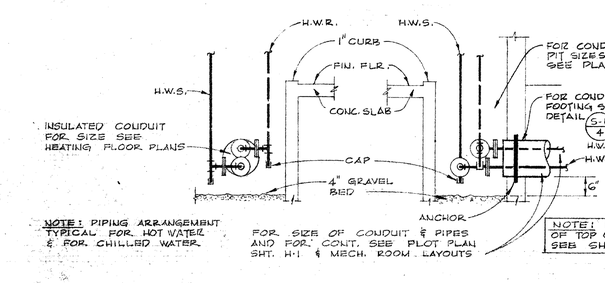
STACK

NO SCALE — ABOVE 12¢ — DETAIL H-28 H



REFRIGERATION LAYOUT - ELEVATION

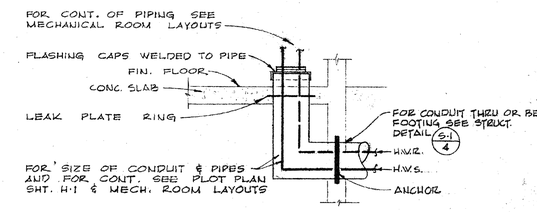
SCALE 3/8" = 1'-0" — DETAIL H-28 B



NOTE: PIPING ARRANGEMENT TYPICAL FOR HOT WATER & FOR CHILLED WATER.

FOR SIZE OF CONDUIT & PIPES AND FOR CONT. SEE PLOT PLAN SHT. H-1 & MECH. ROOM LAYOUTS

NOTE: FOR ELEVATIONS OF TOP OF PIPING CONDUITS SEE SHEET H-1



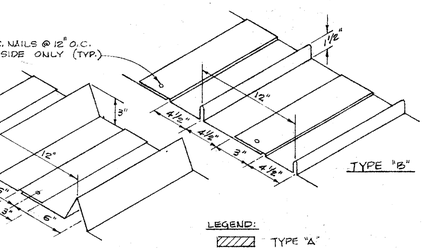
NOTE: PIPING ARRANGEMENT TYPICAL FOR HOT OR CHILLED WATER

UNDERGROUND CONDUIT PIT

NO SCALE — DET. H-28 F

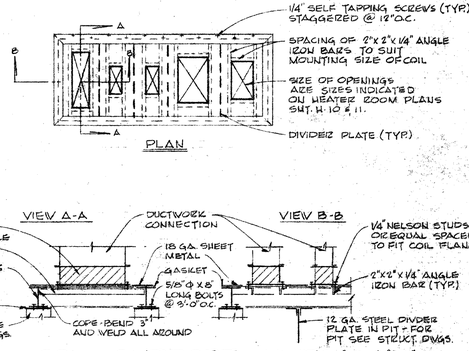
UNDERGROUND CONDUIT

NO SCALE — (RISE THRU FLOOR SLAB) — DETAIL H-28 I



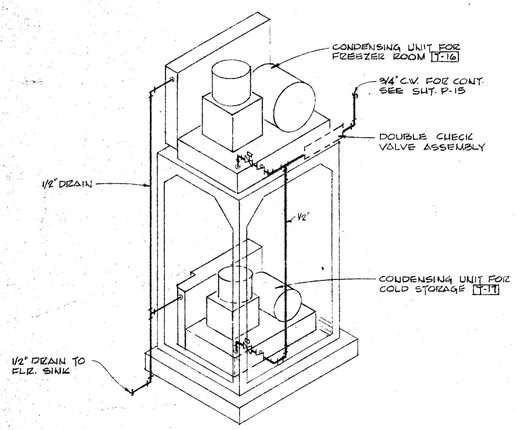
BRIDGING PLATES TYPE "A" AND "B"

NO SCALE — DETAIL H-28 C



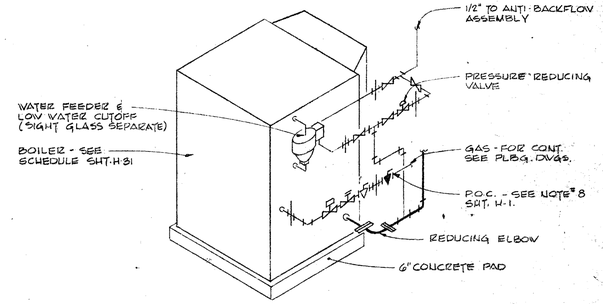
COIL SUPPORT - UNITS 'O' & 'P'

NO SCALE — DETAIL H-28 D



CONDENSING UNITS COOLING WATER PIPING - ISOMETRIC

NO SCALE — DETAIL H-28 G



PIPING AT BOILER

NO SCALE — ISOMETRIC — DETAIL H-28 J

NOTE:
FOR HEATING AND VENTILATING AND REFRIGERATION NOTES, SYMBOLS, AND ABBREVIATIONS SEE SHT. H-1.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE - ENGINEERING — LOS ANGELES, CALIFORNIA

TYPICAL MECHANICAL DETAILS

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

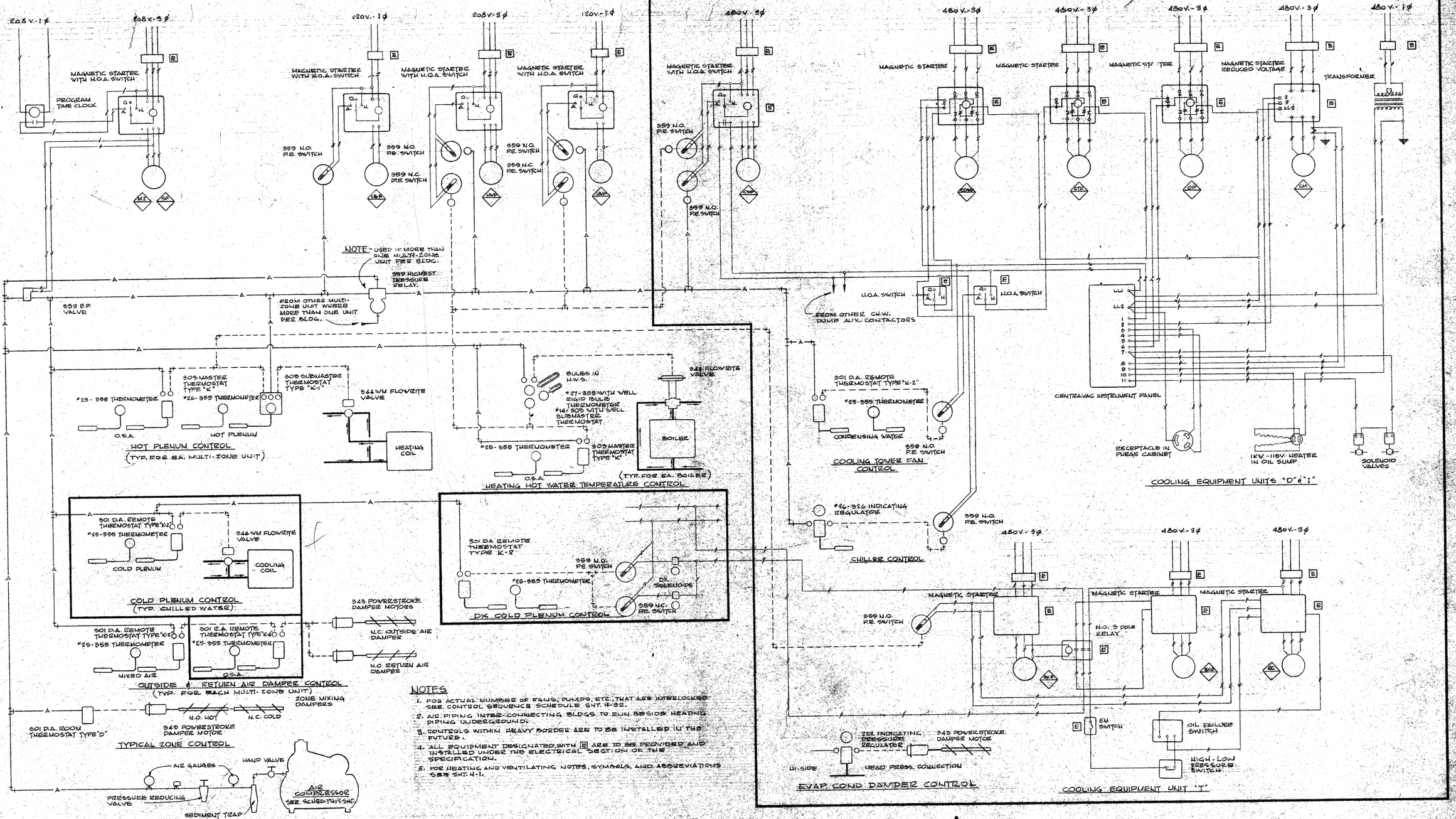
DATE

DR. BY J.J. G.H & J.S.

CHECKED BY

JOB NO. 56-71

SHEET NO. H28 OF SHEETS



NOTES

1. FOR ACTUAL NUMBER OF FANS, PUMPS, ETC., THAT ARE INTERLOCKED SEE CONTROL SEQUENCE SCHEDULE SHT. H-32.
2. AIR PIPING INTER-CONNECTING BLDGS TO RUN BESIDE HEATING PIPING UNDERGROUND.
3. CONTROLS WITHIN HEAVY BORDER ARE TO BE INSTALLED IN THE FUTURE.
4. ALL EQUIPMENT DESIGNATED WITH [E] SIZE TO BE PROVIDED AND INSTALLED UNDER THE ELECTRICAL SECTION OF THE SPECIFICATION.
5. FOR HEATING AND VENTILATING NOTES, SYMBOLS, AND ABBREVIATIONS SEE SHT. H-1.

AIR COMPRESSOR SCHEDULE

LOCATION	BLDGS. SERVICED	SIZE
D-T	A-B-C-D-E-F-K-L	3/4 HP
H-I	G-H-M-O-P & 2 EXT. BLDGS.	3/4 HP
T-2	T	1/3 HP

CONTROL DIAGRAM UNITS "A"-"B"-"C"-"D"-"E"-"F"-"G"-"H"-"K"-"L"-"M"-& "T"

NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT — STRUCTURAL ENGINEER — MECHANICAL ENGINEER — ELECTRICAL ENGINEER — CIVIL ENGINEER

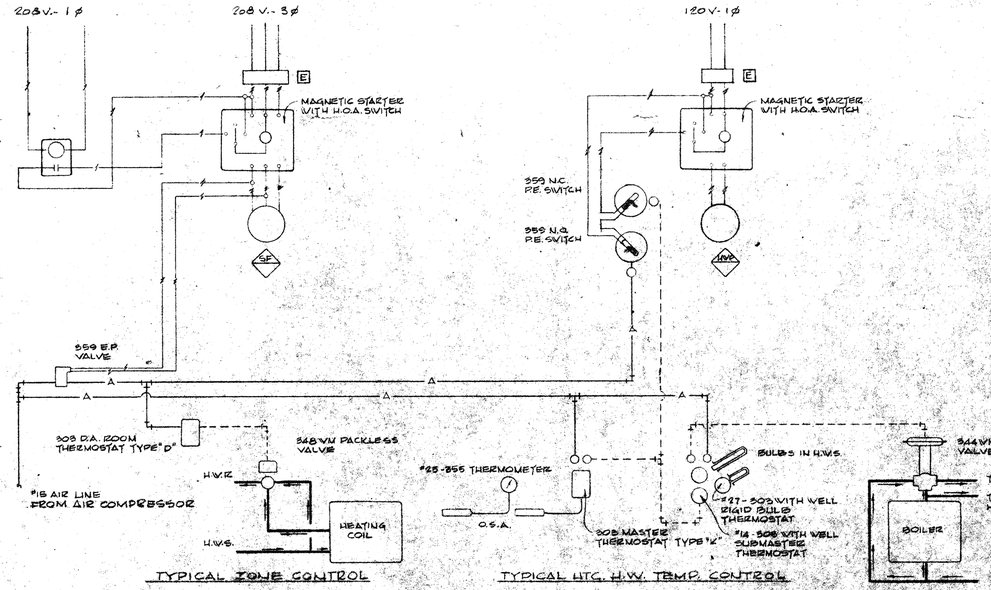
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE - ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
APPROVED JAN 5 1959
DATE

AIR CONDITIONING CONTROL DIAGRAM
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

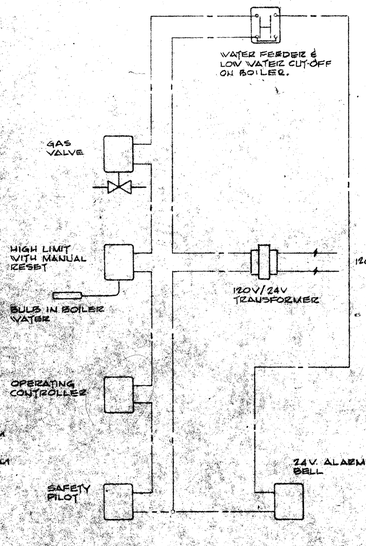
DATE
DR. BY T.J.
CH. BY G.H. & J.S.
CHECKED BY
JOB NO. 56-71

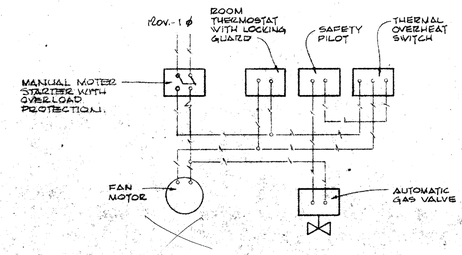
SHEET NO. H29 OF SHEETS



TYPICAL ZONE CONTROL

TYPICAL HTG. H.W. TEMP. CONTROL





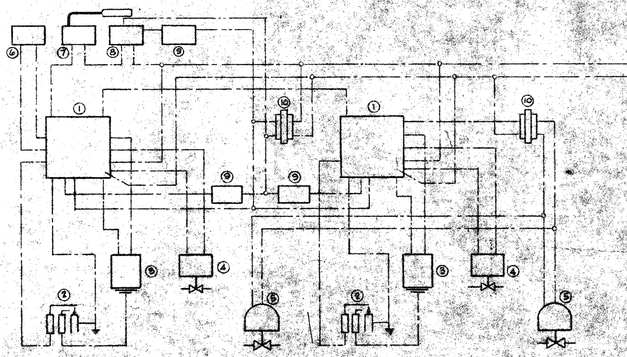
UNITS "R" & "S"

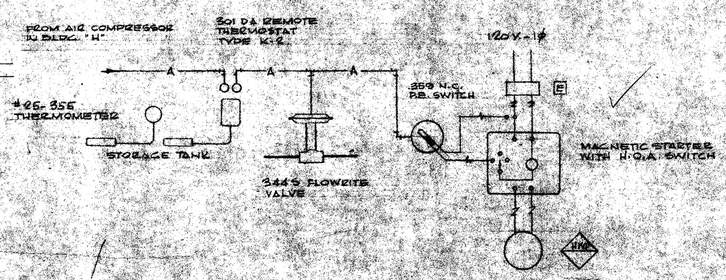
SUSPENDED UNIT HEATER CONTROL DIAGRAM

NO SCALE — DETAIL H30/C

CONTROL DIAGRAM - UNITS "O" & "P"

NO SCALE — DETAIL H30/A





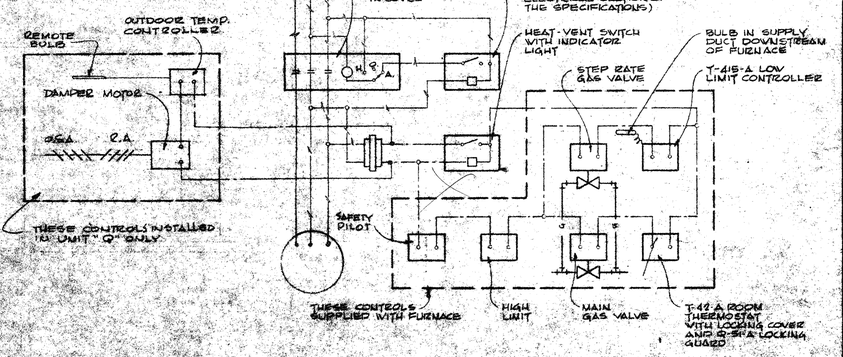
UNITS "O" P" & "T"

DOMESTIC H.W. HEATING CONTROL DIAGRAM

NO SCALE — DETAIL H30/B

BOILER CONTROL DIAGRAM - UNIT "T"

NO SCALE — DETAIL H30/B



DUCT FURNACE ASSEMBLY CONTROL DIAGRAM UNITS "Q" & "R"

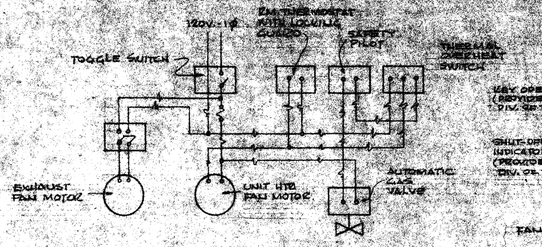
NO SCALE — DETAIL H30/F

BOILER CONTROL EQUIPMENT SCHEDULE

① RA 890 B RELAY PROVIDED WITH ALARM TERMINALS
② Q-179 ELECTRONIC PILOT
③ 6000V IGNITION TRANSFORMER
④ SOLENOID PILOT VALVE
⑤ DIAPHRAM GAS VALVE
⑥ OPERATING CONTROLLER
⑦ HIGH LIMIT CONTROLLER WITH MANUAL RESET L4008B AND BULB IN BOILER WATER
⑧ WATER FEEDER AND LOW WATER CUT-OFF MOUNTED ON EXPANSION TANK
⑨ 24 V. ALARM BELL
⑩ 24 V. TRANSFORMER

BOILER CONTROL DIAGRAM - UNITS "D" "H" "O" & "P"

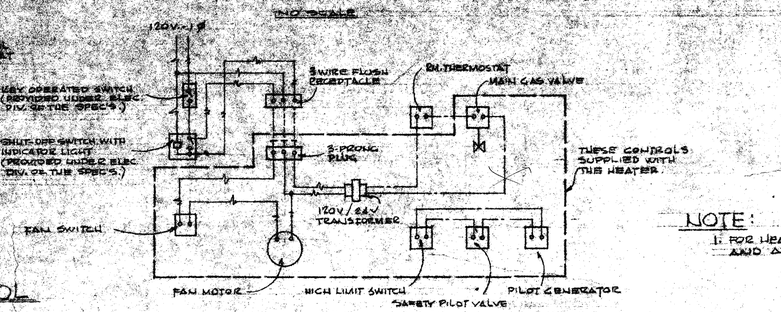
NO SCALE — DETAIL H30/D



UNIT "P" - ROOM P-12

DUCT HEATER & EXHAUST FAN CONTROL DIAGRAM

NO SCALE — DETAIL H30/G



FORCED AIR WALL HEATER CONTROL DIAGRAM

NO SCALE — DETAIL H-30/H

NOTE:
1. FOR HEATING AND VENTILATING NOTES, SYMBOLS, AND ABBREVIATIONS SEE SHT. H-1.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
	CIVIL ENGINEER	ARCHITECTURE - ENGINEERING — LOS ANGELES, CALIFORNIA

HEATING AND VENTILATING CONTROL DIAGRAMS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE
DR. BY J.J.K.J.S.
CHECKED BY
JOB NO. 58-71
SHEET NO. H30
OF SHEETS

MULTI-ZONE UNIT SCHEDULE

MZ — UNIT NO.

UNIT NO.	LOCATION	NO. OF ZONES	FAN C.F.M.	FAN TOTAL S.P.	FAN O.V. R.P.M.	MOTOR H.P.	MOTOR VOLTAGE	MOTOR PHASE	MOTOR CYCLE	HOT WATER HEATING COIL CAPACITY BTU/HR	HOT WATER HEATING COIL SIZE	HOT WATER HEATING COIL ROWS	HOT WATER HEATING COIL FACE VEL. F.P.M.	HOT WATER HEATING COIL AIR TEMP ENT. DB.	HOT WATER HEATING COIL AIR TEMP. LEAV. DB.	HOT WATER HEATING COIL WATER TEMP ENT.	HOT WATER HEATING COIL WATER TEMP LEAV.	HOT WATER HEATING COIL G.P.M.	CHILLED WATER COOLING COIL CAPACITY BTU/HR	CHILLED WATER COOLING COIL SIZE	CHILLED WATER COOLING COIL ROWS	CHILLED WATER COOLING COIL FACE VEL. F.P.M.	CHILLED WATER COOLING COIL AIR TEMP ENT. DB	CHILLED WATER COOLING COIL AIR TEMP ENT. WB	CHILLED WATER COOLING COIL AIR TEMP LEAV DB	CHILLED WATER COOLING COIL AIR TEMP LEAV WB	CHILLED WATER COOLING COIL TEMP. DROP	G.P.M.	REMARKS
1	A-9	8	7,670	1 3/4"	1665	5	208	3	60	185,160	12"x84"	2	1,095	65	82	180	160	14	225,000	24"x84"	6	548	78	65	58	55	12	39	
2	B-15 F-16	5	5,400	1 3/4"	1745	3				100,190	12"x60"		1,080	65	83			11	163,000	24"x60"		541	78	65	57	54		28	
3	C-2	8	7,435	1 1/2"	1,615	5				125,600	12"x84"		1,060	65	81			13	231,000	24"x84"		530	78	65	57	54		39	
4	D-1	4	5,430	1 1/2"	1755	3				87,690	12"x60"		1,105	65	80			9	159,000	24"x60"		553	78	65	58	55		27	
5	E-3	7	7,310	1 1/2"	1650	5				125,160	12"x84"		1,075	65	81			13	243,500	24"x84"		538	78	65	56	53		41	
6	G-8	6	7,625	1 3/4"	1650	5				123,290	12"x84"		1,090	65	81			13	257,800	24"x84"		545	78	65	54	53		44	
7	H-5	6	5,460	1 1/2"	1766	3				89,130	12"x60"		1,095	65	80			9	176,000	24"x60"		546	78	65	58	55		30	
8	K-29	12	10,870	1 3/4"	1585	5				320,050	18"x96"		906	70	98			33	386,000	30"x96"		545	79	65	55	54		60	
9	L-10	8	16,190	1 1/2"	1300	7 1/2				537,390	24"x107"		908	52	83			54	585,000	24"x107"		454	84	69	58	56		107	
10	M-17	3	6,760	1 1/8"	1685	3				173,070	12"x84"		955	58	81			18	250,890	24"x84"		477	81	67	59	55		42	
11	M-6	5	7,660	1 1/8"	1,120	3				218,030	18"x96"		660	58	73			22	425,700	30"x96"		385	83	68	52	51		72	
12	T-2	8	20,685	1 1/2"	1,365	7 1/2				266,300	24"x144"		862	66	78			27	576,000	2-24"x144"	4	432	78	65	—	—	—	—		DX-COIL WITH REMOTE CONDENSING UNIT

Σ THIS DATA FOR REFERENCE ONLY

EXHAUST FAN SCHEDULE

EF — UNIT NO. — REF

UNIT NO.	LOCATION	C.F.M.	TOTAL S.P.	TIP SPEED R.P.M.	MOTOR H.P.	MOTOR VOLTAGE	MOTOR PHASE	MOTOR CYCLE	REMARKS
1	B-14 F-16	1625	1/4"	3510	1/6	120	1	60	R.E.
2	L-2 L-4 L-6 O-1 M-3	1460		3300					
3	T-28 T-13	1210		3000					
4	B-5 F-4 O-1 M-5 D-6	1200		3700					
5	E-2 B-6 K-22	345		2730	1/12				
6	O-2 B-3 M-13 Q-4	820		3270					
7	K-24 K-26 K-27 O-18 P-19 P-8 P-5 P-2 E-1 G-5 T-12 T-9	225		3140	1/25				
8	L-34 K-38 N-2 Q-14 Q-7	190		3140					
9	B-1 D-1 F-1 G-1 H-4 K-1	1600		3100	1/4				
10	L-9 M-12 O-8 P-1 P-4 Q-25	465		3810	1/15				
11	N-18 T-26	620		3440	1/8				
12	R-9	825		—	1/6				
13	E-21	5730		3300	1/2	208	3		
14	E-1	2450		3090	1/3	120	1		
15	E-21	1840		3600	1/4				
16	T-19	5536	1/2"	2140	1 1/2	208	3		UTILITY SET
17	T-10	605	1/4	2175	1/8	120	1		
18	R-8	3450	1/4"	1705	1/2	208	3		
19	T-8 T-14	1030	1/4"	3400	1/6	120	1		R.E.
20	R-8	2830	1/4"	3200	1/3				
21	P-12	530	1/4"	2930	1/12				

HOT WATER HEATING COIL SCHEDULE (BLDG. UNITS "O" & "P")

HWC — UNIT NO.

UNIT NO.	LOCATION	C.F.M.	CAPACITY BTU/HR	SIZE	ROWS	FACE VEL. F.P.M.	AIR TEMP ENT. DB	AIR TEMP LEAV DB	WATER TEMP ENT.	WATER TEMP LEAV.	G.P.M.	REMARKS
1	O-17	2,094	169,000	30"x81"	3	708	35	90	180	160	19	
2	O-17	3,000	264,100	48"x81"	3	725	35	90	180	160	23	
3	O-17	655	61,500	18"x81"	2	753	35	80	180	160	5	
4	O-17	477	87,700	18"x18"	2	457	35	80	180	160	4	
5	O-17	1,850	108,000	24"x18"	3	740	35	90	180	160	11	FUTURE ZONE
6	O-17	450	26,000	18"x30"	2	600	35	80	180	160	3	
7	P-17	1,088	52,000	24"x18"	3	715	35	50	180	160	6	
8	P-17	6,496	308,000	30"x96"	2	770	35	80	180	160	31	
9	P-17	446	31,000	12"x9"	3	788	35	85	180	160	4	
10	P-17	1245	58,500	24"x12"	2	625	35	80	180	160	7	FUTURE ZONE

SUPPLY FAN SCHEDULE BLDG. UNITS "O" & "P"

SUP — UNIT NO.

UNIT NO.	LOCATION	TYPE	TOTAL S.P.	O.V. R.P.M.	MOTOR H.P.	MOTOR VOLTAGE	MOTOR PHASE	MOTOR CYCLE	REMARKS
1	O-17	[illegible]	1/2"	1110 RPM 1670	3	208	3	60	
2	P-17	[illegible]	1/2"	1300 RPM 1950	3	208	3	60	

SUSPENDED UNIT HEATER SCHEDULE

SUH — UNIT NO.

UNIT NO.	LOCATION	HEAT EXCHANGER BTU/HR INPUT	HEAT EXCHANGER BTU/HR OUTPUT	FAN C.F.M.	MOTOR H.P.	MOTOR VOLTAGE	MOTOR PHASE	MOTOR CYCLE	REMARKS
1	O-17	175,000	140,000	2150	1/8	120	1	60	
2	P-17	34,000	27,200	810	7 WATT	120	1	60	

RELIEF COMBUSTION OUTSIDE AIR HOOD SCHEDULE

RAH — UNIT NO. / CAH — UNIT NO. / OAH — UNIT NO.

UNIT NO.	LOCATION	AREA SQ.FT.	MAX. VEL. F.P.M.	DIMENSIONS SEE DETAIL 4/H26 "A"	"B"	"C"
1	A-2 K-25 K-32 K-42 L-7 M-14 O-14 Q-5 Q-7 R-22 R-23	.54	500	8" x 8"	21"	18"
2	A-8 C-5 E-4 O-9 O-15 P-2 P-18 R-24 R-21 R-28 R-29 R-30	1.07		12"x12"	28"	22"
3	B-12 F-13 G-10 Q-2 P-11 T-10 T-25	1.75		16"x16"	36"	26"
4	E-23	1.85		18"x18"	34"	28"
5	A-9 A-7 A-5 A-3 A-10 B-5 B-3 B-10 B-11 C-5 C-6 C-7 C-8 D-4 D-5 E-5 E-6 E-7 E-8 E-9 E-10 F-8 F-9 F-10 F-11 G-2 G-3 G-4 G-8 G-6 G-7 L-1 L-3 L-5 M-1 M-3 Q-1 P-9 A-5	2.39		20"x20"	42"	28"
6	D-2 D-3 H-9 H-6 H-8 H-10 L-6 M-5 M-10 M-16 R-21 T-27	3.13		24"x24"	43"	32"
7	K-1 K-9 K-10 K-11 K-22 L-2 L-4 T-1 T-4 T-6 M-13	4.88		30"x30"	52"	36"
8	E-11 E-26 E-28 T-7 T-18	7.09		36"x36"	60"	41"
9	E-2 E-9 E-16 E-29 E-30 T-15	12.52		48"x48"	74"	48"

SUSPENDED DUCT FURNACE SCHEDULE

SDF — UNIT NO.

UNIT NO.	LOCATION	HEAT EXCHANGER BTU/HR INPUT	HEAT EXCHANGER BTU/HR OUTPUT	FAN C.F.M.	FAN TOTAL S.P.	MOTOR H.P.	MOTOR VOLTAGE	MOTOR PHASE	MOTOR CYCLE	REMARKS
1	O-10 Q-11	90,000	78,000	4,200	0.9"	1½	208	3	60	
2	P-26 P-28	225,000	188,000	3,450	1	1	208	3	60	
3	E-30	225,000	180,000	3,700	1	1½"	208	3	60	
4	R-27 R-29	225,000	180,000	3,850	1	1½"	208	3	60	

HOT WATER BOILER SCHEDULE

B — UNIT NO.

UNIT NO.	LOCATION	CAPACITY BTU/HR INPUT	CAPACITY BTU/HR OUTPUT	STACK DIAM.	REMARKS
1	D-9 O-17 P-17	2,000,000	1,600,000	20"	TYPE "C" STACK
2	H-1	1,500,000	1,200,000	18"	TYPE "C" STACK
3	R-27	770,000	616,000	12"	TYPE "B" STACK

NOTE:
1. FOR HEATING AND VENTILATING NOTES, SYMBOLS AND ABBREVIATIONS SEE SHT. H-1

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT — STRUCTURAL ENGINEER — MECHANICAL ENGINEER — ELECTRICAL ENGINEER — CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE - ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE — 17,500 APPROVED — SIGNATURE

SCHEDULES
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

DATE
DR. BY G.H. J.J. & J.S.
CHECKED BY
JOB NO. 56-71

SHEET NO. H31 OF SHEETS

CONTROL SEQUENCE SCHEDULE

BLDG. UNIT	MECHANICAL EQUIPMENT																													
	MX		S.F.		I.E.P.		H.W.P.		C.W.P.		C.W.R.		C.T.P.		O.P.		S.M.		R.C.		R.C.P.		B		T.C.	
	QUANT.	UNIT NO.	QUANT.	UNIT NO.	QUANT.	UNIT NO.	QUANT.	UNIT NO.	QUANT.	UNIT NO.	QUANT.	UNIT NO.	QUANT.	UNIT NO.	QUANT.	UNIT NO.	QUANT.	UNIT NO.	QUANT.	UNIT NO.	QUANT.	UNIT NO.	QUANT.	UNIT NO.	QUANT.	UNIT NO.
A	1	1	—	—	—	—	1	1	1		1		1		1		1		—	—	—	—			1	1
B	1	2	—	—	1	3 4													—	—	—	—			1	2
C	1	3	—	—	—	—	1	2	1										—	—	—	—			1	3
D	1	4	—	—	1	3													—	—	—	—	1	1	1	4
E	1	5	—	—	—	—	1	3	1										—	—	—	—			1	5
F	1	2	—	—	1	3 4													—	—	—	—			1	2
G	1	6	—	—	1	3	1	2	1		1		1		1		1		—	—	—	—			1	6
H	1	7	—	—	—	—													—	—	—	—	1	2	1	7
K	1	8	—	—	2 1	7 9	1	4	1		1		1		1		1		—	—	—	—	1	1	1	8
L	1	9	—	—	1	10	1	5	1										—	—	—	—			1	9
M	1 1	10 11	—	—	1 1	2 10	1	6	1		1		1		1		1		—	—	—	—	1	2	1 1	10 11
O	—	—	1	1	—	—	1	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—			1	12
P	—	—	1	2	—	—	1	9	—	—	—	—	—	—	—	—	—	—	—	—	—	—			1	13
T	1	12	—	—	1	7	1	11	—	—	—	—	—	—	—	—	—	—	1	1	1	1	1	3	1	14

NOTES:
1. THIS SCHEDULE TO BE USED TO DEFINE WHAT EQUIPMENT IS INTERLOCKED FROM CONTROL STANDPOINT ONLY. IT IS NOT TO BE USED TO DETERMINE MAJOR ITEMS OF EQUIPMENT.
2. SHADED AREA DESIGNATES FUTURE EQUIPMENT.

HOT WATER CIRCULATING PUMP SCHEDULE

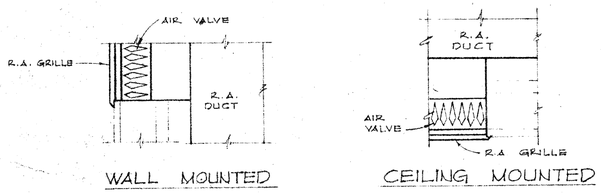
H.W.P. UNIT NO.

UNIT NO.	LOCATION	G.P.M.	HEAD FT.	MOTOR H.P.	MOTOR R.P.M.	MOTOR VOLTAGE	MOTOR PHASE	MOTOR CYCLE	REMARKS
1	D-9	25	36	3/4	1,725	208	3	60	
2	D-9, H-1	22	19	1/3	1,725	208	3	60	
3	D-9	24	44	3/4	1,725	208	3	60	
4	D-9	33	52	1	1,725	208	3	60	
5	D-9	54	37	1	1,725	208	3	60	
6	H-1	40	57	1 1/2	1,725	208	3	60	
7	O-17	62	15	1/2	1,725	208	3	60	
8	O-17	78	10	1/2	1,725	208	3	60	DOMESTIC H.W. HEATING
9	P-17	51	14	1/2	1,725	208	3	60	
10	P-17	68	10	1/2	1,725	208	3	60	DOMESTIC H.W. HEATING
11	T-27	27	15	1/3	1,725	208	3	60	
12	T-27	39	20	1/2	1,725	208	3	60	DOMESTIC H.W. HEATING

AUTOMATIC VALVE SCHEDULE

A.V. UNIT NO.

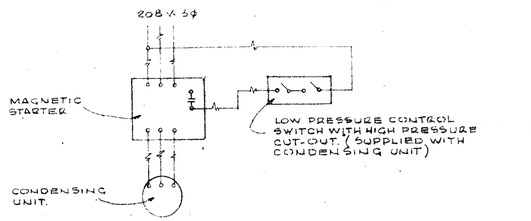
UNIT NO.	LOCATION	G.P.M.	SIZE	P.S.I. DROP	REMARKS
1	A-3	14	3/4"	4.9	3 WAY VALVE
2	B-13	11	3/4"	2.7	" "
3	C-2	13	3/4"	4.8	" "
4	D-7	9	3/4"	2.4	" "
5	E-3	13	3/4"	4.8	" "
6	F-12	11	3/4"	3.7	" "
7	G-8	13	3/4"	4.8	" "
8	H-3	9	3/4"	2.4	" "
9	K-29	33	1 1/4"	3.4	" "
10	L-10	54	1 1/2"	2.0	" "
11	M-17	18	1"	3.2	" "
12	M-18	22	1"	3.2	" "
13	O-17	19	1"	2.3	" "
14	O-17	23	1"	3.3	" "
15	O-17	5	1/2"	3.2	" "
16	O-17	4	1/2"	2.1	" "
17	O-17	11	3/4"	3.7	FUTURE
18	O-17	78	2"	3.3	STRAIGHT THRU SELF CONTAINED
19	P-17	3	1/2"	1.6	3 WAY VALVE
20	P-17	6	3/4"	1.5	" "
21	P-17	31	1 1/4"	3.2	" "
22	P-17	4	1/2"	2.1	" "
23	P-17	7	3/4"	2.0	FUTURE
24	P-17	68	2"	2.4	STRAIGHT THRU SELF CONTAINED
25	T-2	27	1 1/4"	2.4	3 WAY VALVE
26	T-14	39	1 1/2"	3.4	STRAIGHT THRU SELF CONTAINED



WALL MOUNTED — CEILING MOUNTED

AIR VALVE INSTALLATION

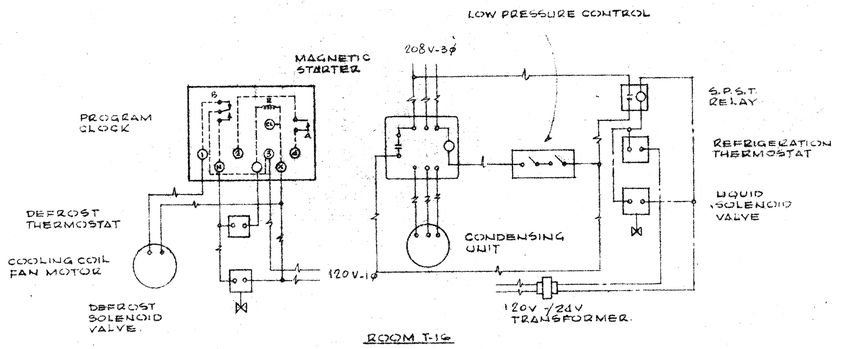
NO SCALE — DETAIL H32/D



ROOM T-17

COLD STORAGE CONTROL DIAGRAM

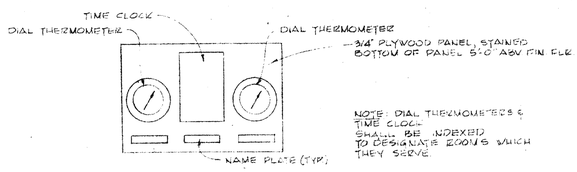
NO SCALE — DETAIL H32/A



ROOM T-16

FREEZER ROOM CONTROL DIAGRAM

NO SCALE — DETAIL H32/B



REFRIGERATION CONTROL PANEL

SCALE: 1 1/2"=1'-0" — DETAIL H32/C

Robert Wood of Quarante
16465 Railroad St.
City of Industry, CA
Attn: Bob Carter -

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT — MECHANICAL ENGINEER — ELECTRICAL ENGINEER — STRUCTURAL ENGINEER — CIVIL ENGINEER

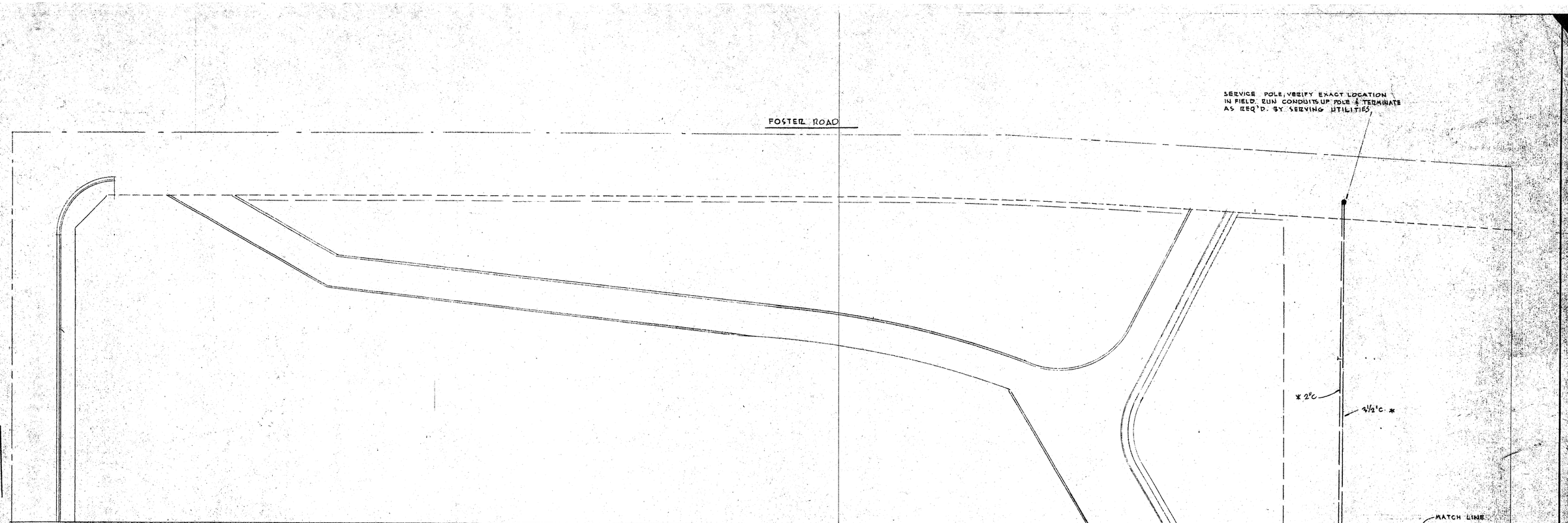
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE - ENGINEERING
LOS ANGELES, CALIFORNIA

SCHEDULES, CONTROL DIAGRAMS, AND DETAILS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE
DR. BY V.J.J. G.H. & N.S.
CHECKED BY
JOB NO. 56-71

SHEET NO. H32 OF SHEETS



ELECTRICAL PLOT PLAN - AREA "A"

SCALE: 1" = 30'-0"

* INDICATES PORTION OF ELECT. WORK UNDER UTILITIES ALTERNATE.

SYMBOLS

- FLOOD LTG. FIXTURE, +10'-0" ABOVE ROOF.
- INCANDESCENT LIGHTING FIXTURE, CEILING MOUNTED.
- INCANDESCENT LIGHTING FIXTURE, WALL MOUNTED.
- INCANDESCENT LIGHTING FIXTURE RECESSED, IN CEILING, SQUARE.
- INCANDESCENT LIGHTING FIXTURE, RECESSED IN CEILING, ROUND.
- FLUORESCENT LIGHTING FIXTURE, CEILING MOUNTED.
- FLUORESCENT LIGHTING FIXTURE, RECESSED IN CEILING.
- EXIT LIGHT, WALL MOUNTED. (ARROW AT SYMBOL INDICATES FIXTURE WITH DIRECTIONAL ARROW)
- EMERGENCY LIGHTING FIXTURE, WALL MOUNTED.
- NIGHT LIGHTING FIXTURE.
- DUPLEX CONVENIENCE OUTLET, + 12".
- GROUNDING TYPE DUPLEX CONVENIENCE OUTLET, + 12".
- SAFETY-TYPE DUPLEX CONVENIENCE OUTLET, + 12".
- WEATHER-PROOF DUPLEX CONVENIENCE OUTLET, + 12".
- COMBINATION 120/240 OR 120/208 VOLT DUPLEX CONVENIENCE OUTLET, + 12".
- IRONING BOARD OUTLET AND PILOT LIGHT.
- 20 AMPERE 3-POLE, SINGLE TWIST-LOCK RECEPTACLE, THIRD POLE GROUNDED, + 12".
- 20 AMPERE, 4-POLE, SINGLE TWIST-LOCK RECEPTACLE, FOURTH POLE GROUNDED, + 12".
- 50 AMPERE, 3-POLE, SINGLE TWIST-LOCK RECEPTACLE, + 12".
- RANGE OUTLET, + 12".
- FLUSH SINGLE CONVENIENCE OUTLET IN FLOOR BOX.
- EXTENSION TYPE DUPLEX CONVENIENCE OUTLET ON FLOOR BOX.
- S TOGGLE SWITCH, + 4' - 6". SEE NOTE BELOW.
- SK KEY-OPERATED SWITCH, + 4' - 6". SEE NOTE BELOW.

SUFFIXES ON SWITCH SYMBOLS SHALL INDICATE THE FOLLOWING:

NO SUFFIX = SINGLE POLE, 2 = 2-POLE, 3 = 3-WAY, 4 = 4-WAY, M = MOMENTARY-CONTACT, P = WITH PILOT LIGHT, PL = P.A. "TALK-LISTEN", LV = LOW VOLTAGE LIGHTING CONTROL.

- FLUSH FLOOR BOX.
- FLUSH FLOOR COUPLING.
- JUNCTION BOX, WALL MOUNTED, + 12".
- FLUSH MOUNTED MANUAL MOTOR STARTING SWITCH, WITH PILOT LIGHT UNLESS OTHERWISE NOTED, + 4' - 6".
- MOTOR OUTLET.
- THERMOSTAT OUTLET, + 5' - 0".
- FLUSH MOUNTED PUSH BUTTON STATION, + 4' - 6".
- FLUSH MOUNTED CABINET OR EQUIPMENT AS NOTED, + 4' - 6".
- SURFACE-MOUNTED CABINET OR EQUIPMENT AS NOTED, + 4' - 6".
- MASTER CLOCK.
- SECONDARY CLOCK, SEMI-FLUSH WALL MOUNTED, + 9' - 0".
- FIRE ALARM "BREAK-GLASS" STATION, + 4' - 0".
- HEAT ACTIVATED FIRE DETECTOR, CEILING MOUNTED.
- PROGRAM BELL, WALL MOUNTED.
- PROGRAM BELL, CEILING MOUNTED.
- YARD HORN, WALL MOUNTED.
- P.A. SPEAKER OUTLET, RECESSED IN CEILING.
- P.A. SPEAKER OUTLET, + 11' - 0".
- INTERCOMMUNICATING TELEPHONE OUTLET, + 4' - 10".
- EXTENSION, TYPE COMBINATION BUZZER AND LOW VOLTAGE PUSH BUTTON OUTLET ON FLOOR BOX.
- PUBLIC TELEPHONE OUTLET, + 4'-10".
- EXTENSION TYPE PUBLIC TELEPHONE OUTLET, ON FLOOR BOX.
- MICROPHONE OUTLET, + 12".
- SPEAKER OR MOTION PICTURE RECEPTACLE, + 12".
- LOW VOLTAGE PUSH BUTTON STATION, + 3' - 0".
- BUZZER OUTLET, + 12".
- COMBINATION BUZZER AND LOW VOLTAGE PUSH BUTTON, + 3' - 6".
- FLY FAN OUTLET.
- SINGLE 15A - 120V GROUNDING TYPE CONVENIENCE OUTLET IN FAN HOUSING ON ROOF.
- E MAGNETIC MOTOR STARTER, PUBLISHED UNDER 2 MECH. SECTION OF SPECS. AND INSTALLED UNDER ELECT. SECTION OF SPECS.

- 100A. 4 POLE W.P. RECEPTACLE CROUSE-HINDS #AREA 10425 WITH #APJ 10465 PLUG, 12'-0"
- CONDUIT RUN CONCEALED ABOVE CEILING OR IN WALLS.
- CONDUIT RUN CONCEALED UNDER FLOOR OR BELOW GRADE.
- CONDUIT RUN EXPOSED.

2 #12 — ½" C.	6 #12 — 1" C.
3 #12 — ½" C.	7 #12 — 1" C.
4 #12 — ¾" C.	8 #12 — 1" C.
5 #12 — ¾" C.	9 #12 — 1¼" C.

WIRE SIZE OTHER THAN #12 IS NOTED ON EACH CONDUIT RUN, WITH SIZE OF CONDUIT (i.e.: 3 #10 — ¾" C).

- C — CLOCK, PROGRAM & FIRE ALARM SYSTEM CONDUIT.
- A — PUBLIC ADDRESS SYSTEM CONDUIT.
- T — PUBLIC TELEPHONE SYSTEM CONDUIT.
- I — INTERCOMMUNICATING TELEPHONE SYSTEM CONDUIT.
- E — EMERGENCY LIGHTING SYSTEM CONDUIT.
- B — BUZZER SYSTEM CONDUIT.

GENERAL NOTES

1. MINIMUM WIRE SIZE FOR 120 OR 240 VOLT WIRING SHALL BE #12.
2. ALL CONDUIT SIZES SHALL CONFORM TO THE CALIFORNIA ELECTRICAL SAFETY ORDERS, UNLESS NOTED AS LARGER.
3. SUBSCRIPTS a,b,c, ETC., AT SWITCH SYMBOLS ARE TO DISTINGUISH BETWEEN SWITCHES.
4. + 4' - 6" INDICATES A MOUNTING HEIGHT FROM FINISHED FLOOR TO CENTER OF EQUIPMENT OR OUTLET.
5. 2 — 1000W — 1 — E1 — S2 INDICATES: 2 = NO OF FIXTURES, 1000W = WATTAGE PER FIXTURE, I = TYPE OF FIXTURE, E1 = CIRCUIT NO., S2 = CONTROLLING SWITCH.
6. M.H. INDICATES HEIGHT FROM FINISHED FLOOR TO BOTTOM OF FIXTURE.
7. ALL OUTLETS SHALL BE INSTALLED AT THE HEIGHTS INDICATED IN THE SYMBOLS, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
8. REFER TO WIRING DIAGRAMS ON MECHANICAL DRAWINGS.
9. ALL SYMBOLS SHOWN IN SYMBOL LIST ARE NOT NECESSARILY USED ON THIS PROJECT.
10. INSTALL SPECIAL FLUSH BOXES FOR ALL MANUAL MOTOR STARTER SWITCHES FOR THREE PHASE MOTORS.

TERMINAL CABINET SCHEDULE

DESIGNATION	TOTAL SIZE	USE	W	H	D	TERM.	MTG.	FORM
BS	36"x24"x5½"	C	12"	24"	5½"	80	FL	D
		T	24"	24"	5½"	NONE		
EB	18"x18"x5½"	C	12"	18"	5½"	80	FL	A
DS	48"x24"x5½"	C	18"	24"	5½"	150	FL	D
		T	48"	24"	5½"	NONE		
FB	42"x24"x5½"	C	18"	24"	5½"	120	FL	D
		T	24"	24"	5½"	NONE		
HS	42"x24"x5½"	C	6"	24"	5½"	120	FL	D
		T	36"	24"	5½"	NONE		
KA*	18"x24"x5½"	C	18"	24"	5½"	100	FL	A
KB*	18"x24"x5½"	C	18"	24"	5½"	140	FL	A
LG	36"x24"x5½"	C	12"	24"	5½"	60	FL	D
		T	24"	24"	5½"	NONE		
MB	30"x24"x 4"	C	12"	24"	4"	70	FL	D
		T	18"	24"	4"	NONE		
OS	18"x18"x 4"	C	18"	18"	4"	60	FL	A
PS	12"x24"x 4"	C	12"	24"	4"	80	FL	A
QA	36"x24"x5½"	C	12"	24"	5½"	150	FL	D
		T	12"	24"	5½"	NONE		
RS	48"x24"x5½"	C	18"	24"	5½"	110	FL	D
		T	24"	24"	5½"	NONE		
SS	18"x18"x 4"	C	12"	18"	4"	60	FL	A
TA	36"x24"x5½"	C	12"	24"	5½"	80	FL	D
		T	24"	24"	5½"	NONE		
TB	30"x24"x5½"	C	12"	24"	5½"	80	FL	D
		T	18"	24"	5½"	NONE		
UA	24"x24"x5½"	T	18"	24"	5½"	NONE	FL	A
UB	24"x24"x5½"	T	18"	24"	5½"	NONE	FL	A
OT	24"x24"x 4"	T	18"	24"	4"	NONE	FL	A
PT	24"x24"x 4"	T	18"	24"	4"	NONE	FL	A
ST	24"x24"x 4"	T	18"	24"	4"	NONE	FL	A

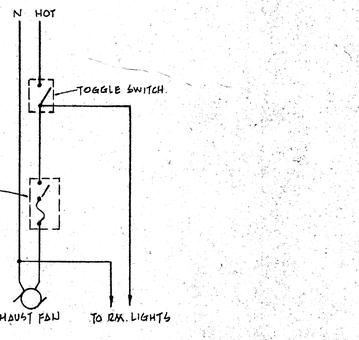
FORM A

FORM B

FORM C

FORM D

FORM E



TYPICAL WIRING DIAGRAM FOR ALL TOILET EXHAUST FANS.

SCALE: NONE

(TYPICAL EXCEPT WHERE INDICATED OTHERWISE ON PLANS)

RECEIVED
JAN 11 2001
GLP Karjala

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER
Foster & Kleiser
ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
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LOS ANGELES, CALIFORNIA

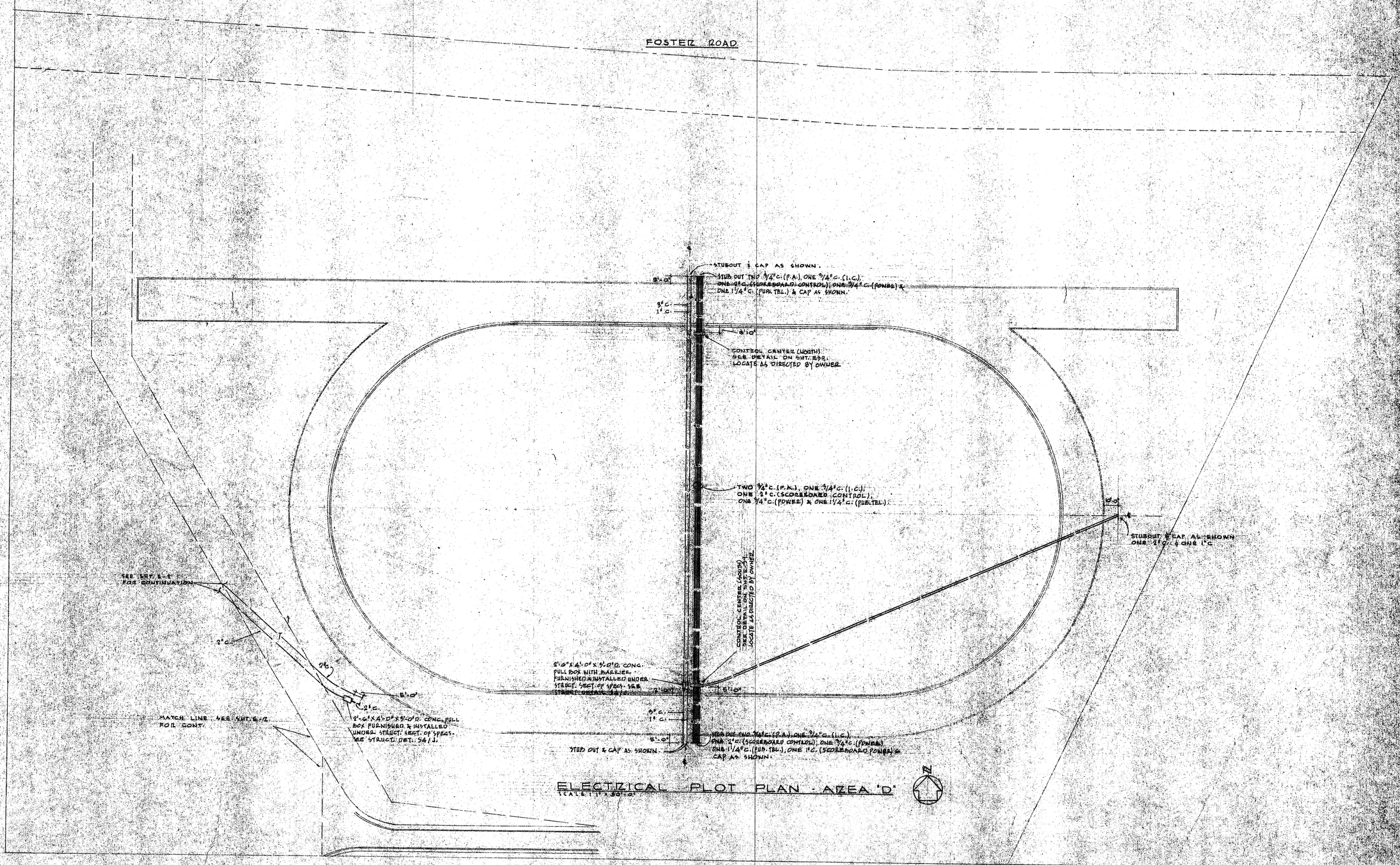
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED JAN 5 1959

ELECT. PLOT PLAN - AREA "A", SYMBOL LIST, GEN. NOTES

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE JAN '59
DR. BY BHL & GA
CHECKED BY
JOB NO. 58-71

SHEET NO. E1
of 2½ sheets

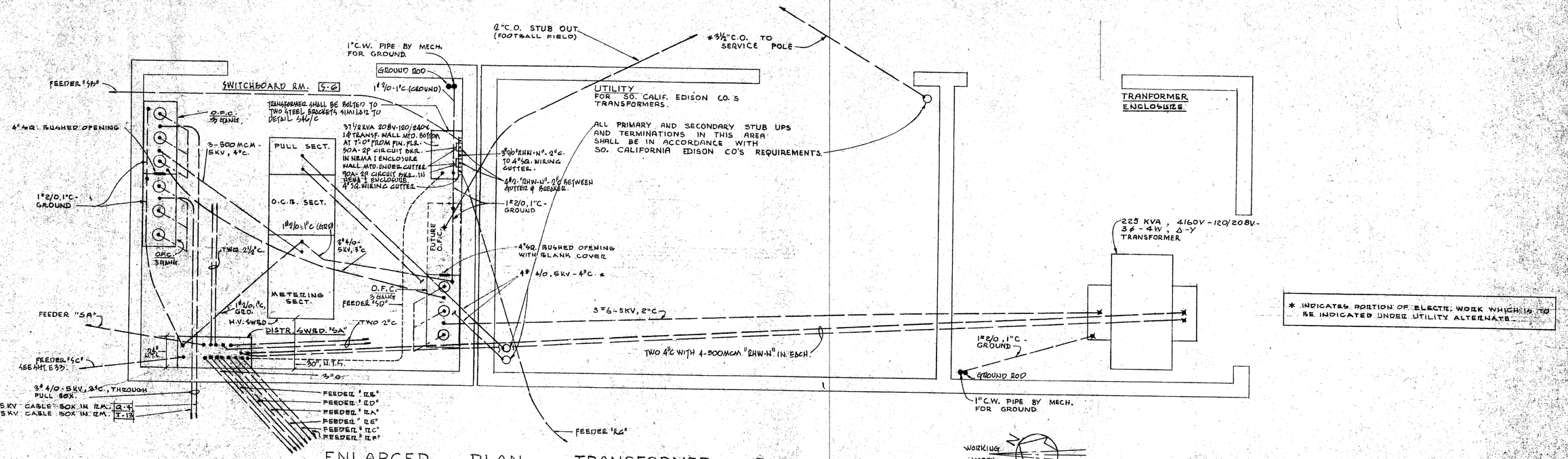


ELECTRICAL PLOT PLAN - AREA 'D'
SCALE: 1" = 30'-0"

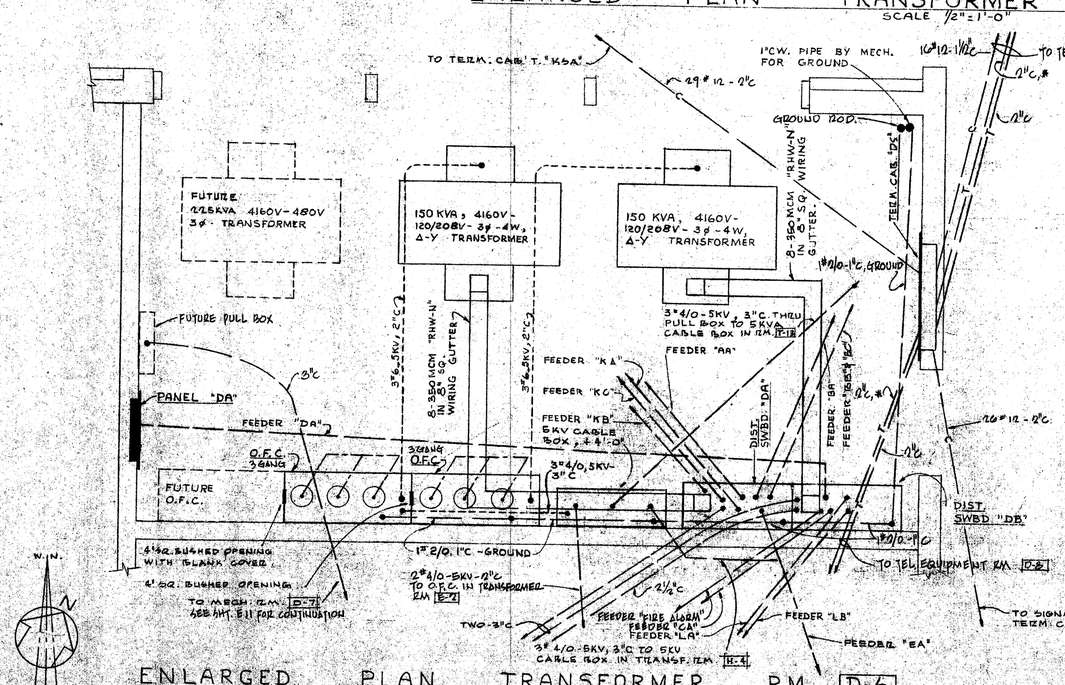
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER ELECTRICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17833 APPROVED JAN 5 - 1959	ELECTRICAL PLOT PLAN - AREA 'D' LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA
STRUCTURAL ENGINEER	CIVIL ENGINEER			DATE JAN '59 DR. BY BHL GAME CHECKED BY SMR JOB NO. 56-71

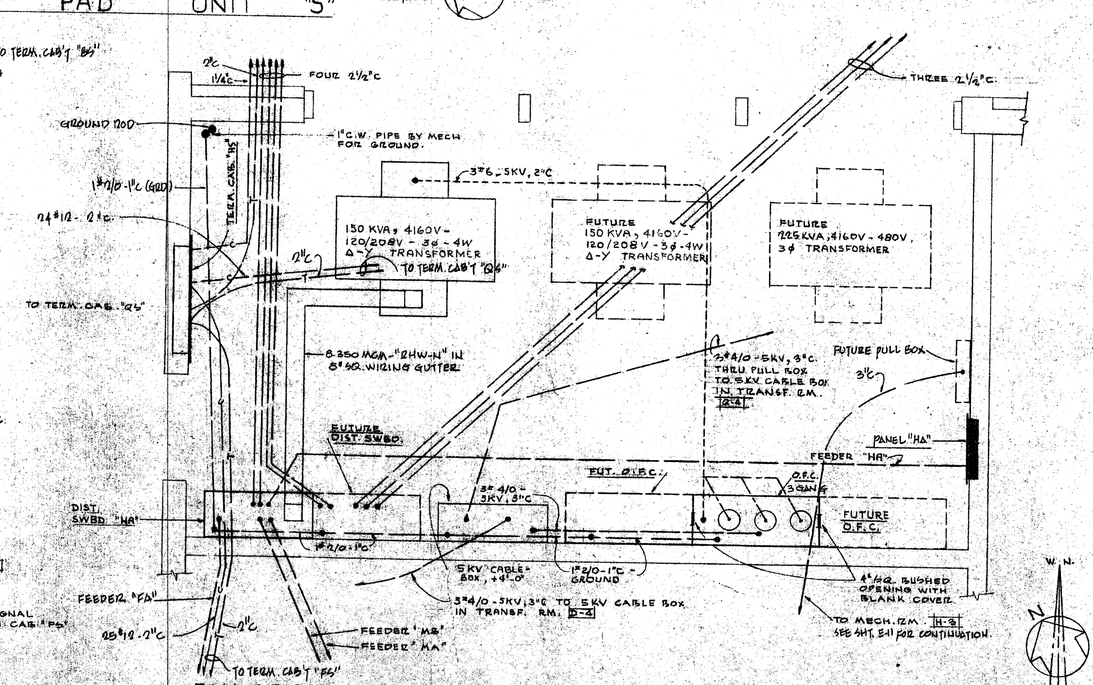
SHEET NO. E3



ENLARGED PLAN TRANSFORMER PAD UNIT "S"
SCALE 1/2"=1'-0"



ENLARGED PLAN TRANSFORMER RM. D-6
SCALE 1/2"=1'-0"



ENLARGED PLAN TRANSFORMER RM. H-4
SCALE 1/2" = 1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

Morton V. Simpson C.K. ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE - ENGINEERING
LOS ANGELES, CALIFORNIA

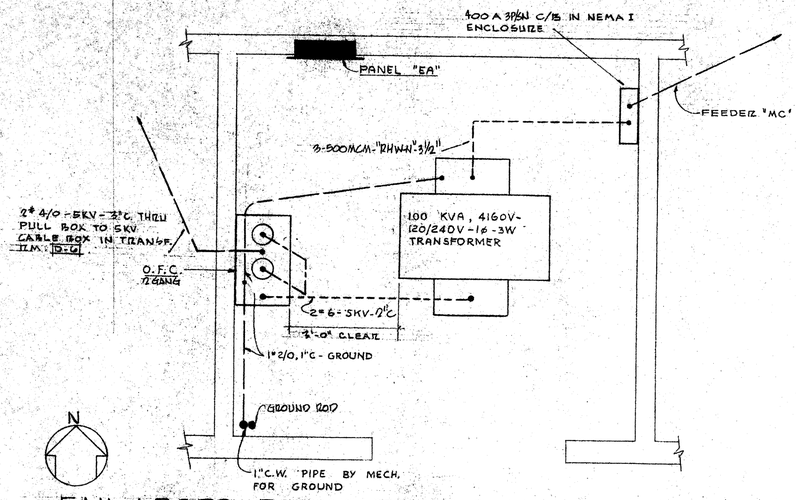
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17833 APPROVED JAN 6 1969
BY J. Mann

ENLARGED PLANS - TRANSFORMER ENCLOSURE AND ROOMS

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE JAN '69
DR. BY BHL & CH.
CHECKED BY JHK
JOB NO. 56-71

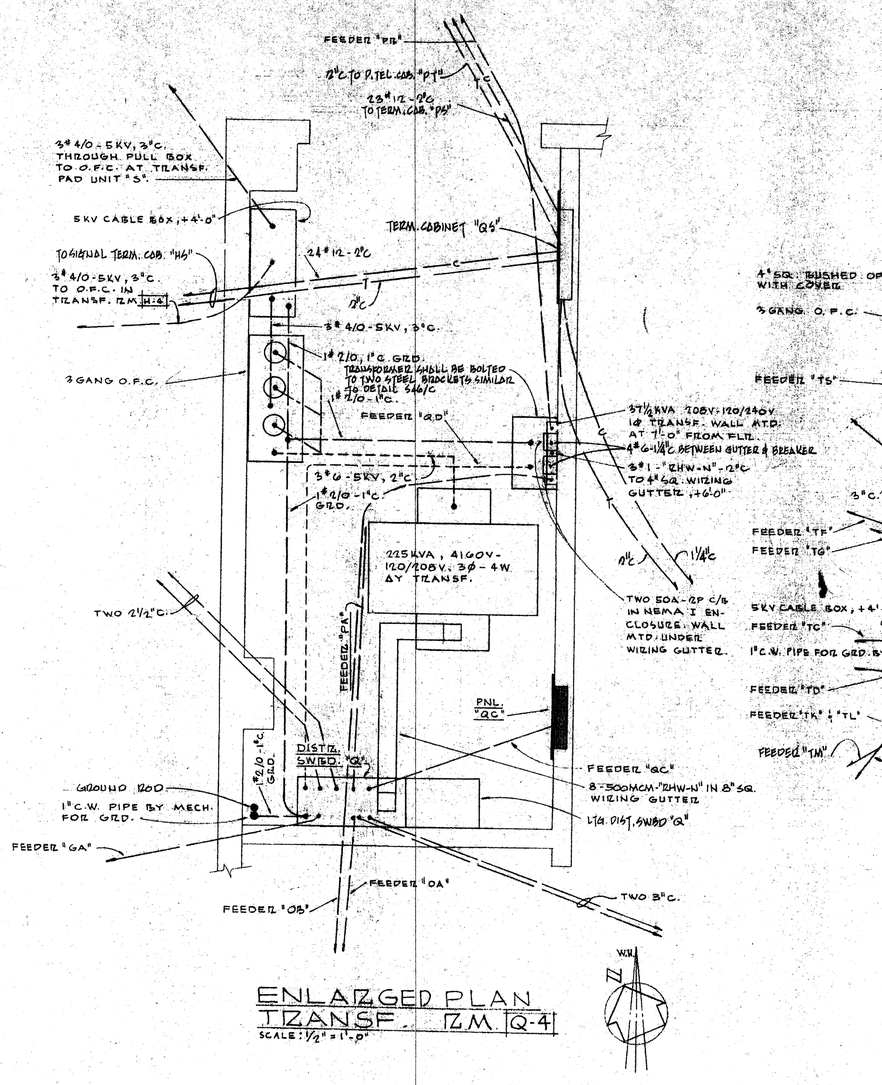
SHEET NO. E4
OF 245 SHEETS



ENLARGED PLAN TRANSFORMER RM. E-2

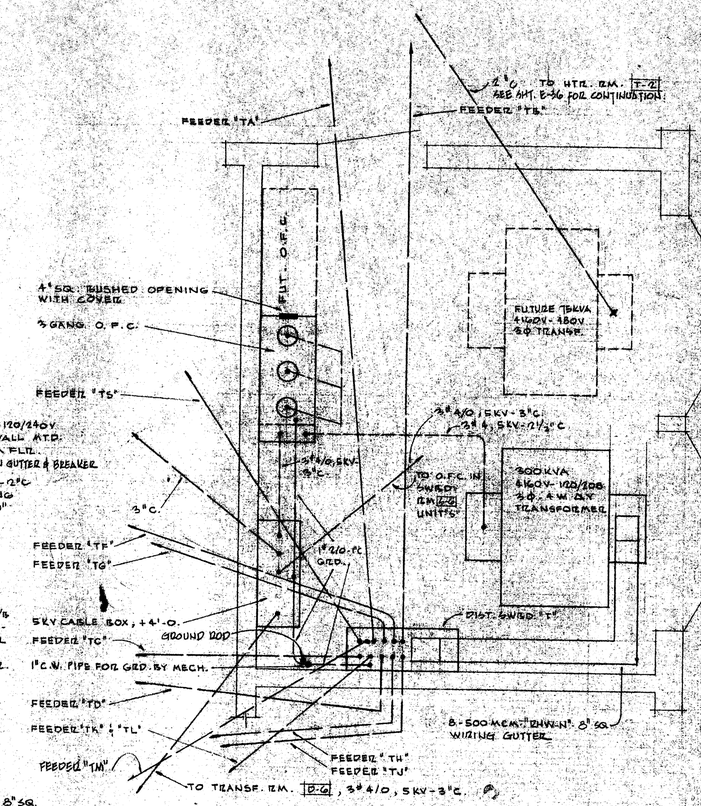
SCALE: ½"=1'-0"

FEEDER DESIGN	FEEDING	WIRE SIZE	CONDUIT SIZE
AA	PANEL AA	3#2/0 & 1#2 "RHW-N"	2½"
BA	" BA	4#2 "RHW-N"	2"
BB	CARNIVAL OUTLET,	3#6	
BC	UNIT "B"	3#6	1½"
CA	PANEL CA	3#1/0 & 1#2 "RHW-N"	2½"
DA	" DA	4#1/0 "RHW-N"	2½"
EA	" EA	3#3/0 & 1#2 - "RHW-N"	2½"
FA	" FA	3#2 "RHW-N" & 1#4	2"
FIRE ALARM	FIRE ALARM CODE RINGER	2#10	¾"
GA	PANEL GA	4#1 "RHW-N"	2½"
HA	" HA	4#1 "RHW-N"	2½"
HA	" HA	3#4 & 1#6	1½"
HB	" HB	3#1/0 & 1#2 "RHW-N"	2½"
KC	" KC	3#1/0 & 1#2 "RHW-N"	2½"
LA	" LA	4#4	1½"
LB	" LB	3#2/0 & 1#1/0 "RHW-N"	2½"
MA	" MA	3#1/0 & 1#1 - "RHW-N"	2½"
MB	" MB	3#2/0 & 1#2 - "RHW-N"	2½"
MC	" MC	3-500 MCM - "RHW-N"	3½"
OA	" OA	3#2/0 & 1#2 "RHW-N"	2½"
OB	DRYER OUTLET UNIT "O"	3#4	1¼"
PA	PANEL PA	4#2 - "RHW-N"	2"
PB	DRYER OUTLET UNIT "P"	3#6	1"
QC	PANEL QC	3#2 - "RHW-N"	1½"
QD	1Φ 37½ KVA. TRANSF. UNIT "Q"	2#1 - "RHW-N"	1½"
RA	PANEL RA	3#1/0 & 1#2 - "RHW-N"	2½"
RB	" RB	4#2 - "RHW-N"	2"
RC	" RC	3#1 & 1#2 - "RHW-N"	2½"
RD	" RD	3#4	1¼"
RE	" RE	3#2/0 - "RHW-N"	2"
RF	" RF	3#4	1¼"
SA	" SA	4#6	1¼"
SB	DRYER OUTLET UNIT "S"	3#6	1"
TA	PANEL TA	4#1/0 - "RHW-N"	2½"
TB	" TB	4#4	1½"
TC	" TC	4#1/0 - "RHW-N"	2½"
TD	40¢ UNIT "T"	3#12	½"
TF	24 KW H.W. BOOSTER HTR. PNL	3#2 - "RHW-N"	1½"
TG	24 KW H.W. BOOSTER HTR. PNL	3#2 - "RHW-N"	1½"
TH	16 KW RANGE	3#4	1¼"
TJ	16 KW RANGE	3#4	1¼"
TK	CARNIVAL OUTLET,	3#6	1¼"
TL	UNIT "T"	3#6	1½"
TS	PNL "TS" IN CONTROL SWBD "T"	4#1/0 "RHW-N"	2½"
TM	PANEL TM	4#2 - "RHW-N"	2"
SC	15 H.P. SPRINKLER PUMP	3#4	1¼"
SD	37½ KVA. 1Φ TRANSF. UNIT "S"	2#3/0 "RHW-N"	2"
RG	WELDER OUTLET	3#1 "RHW-N"	1½"



ENLARGED PLAN TRANSF. RM. Q-4

SCALE: ½"=1'-0"



ENLARGED PLAN TRANSFORMER RM. T-13

SCALE: ½"=1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

MECHANICAL ENGINEER	ARCHITECT	STRUCTURAL ENGINEER	CIVIL ENGINEER

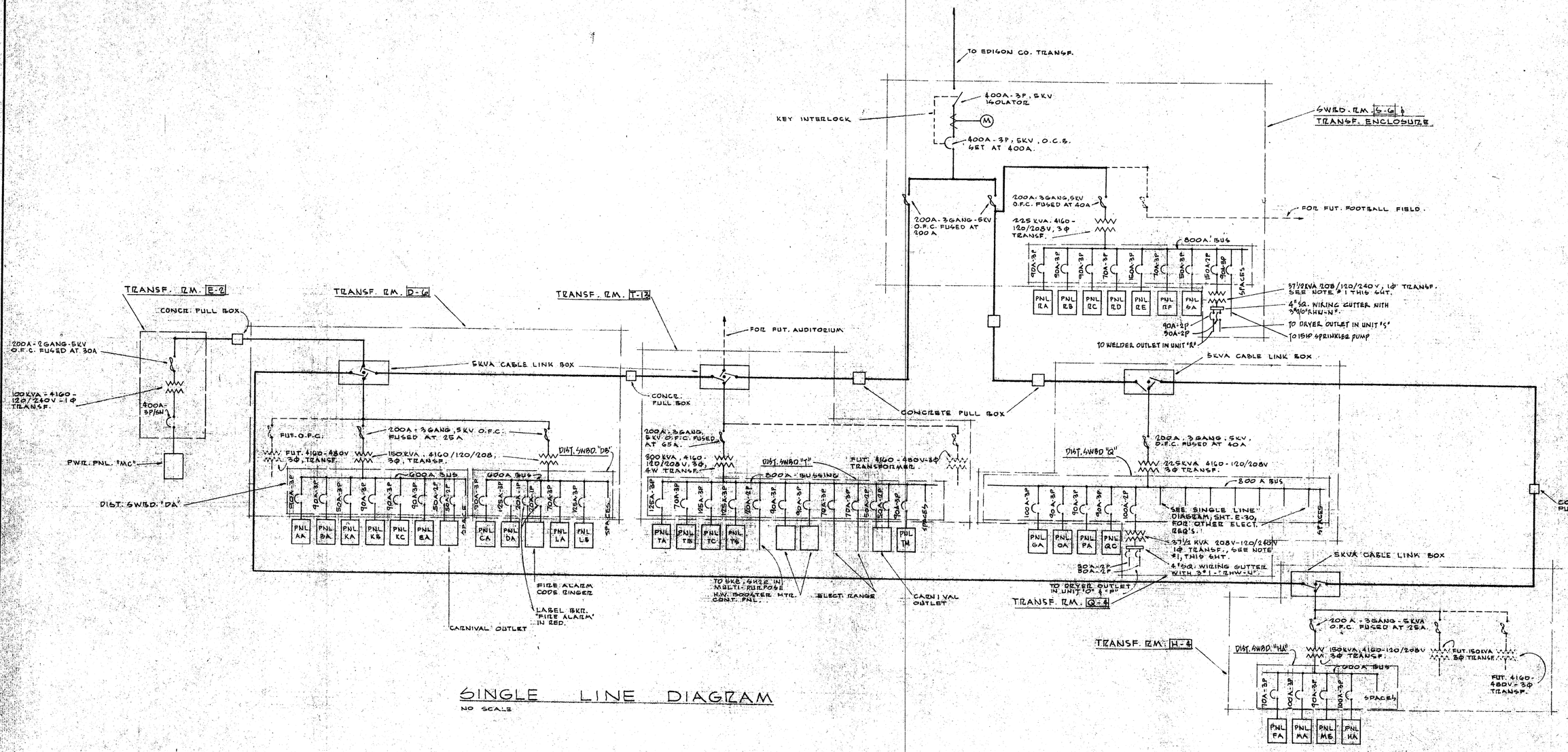
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA, DEPARTMENT OF PUBLIC WORKS, DIVISION OF ARCHITECTURE
APPROVED DEC 8 1959
J. S. Mayo

ENLARGED PLANS - TRANSFORMER ROOMS.
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE JAN '59
DR. BY BUCCHIGA
CHECKED BY BLW
JOB NO. 59-7

SHEET NO. E5



SINGLE LINE DIAGRAM

NO SCALE

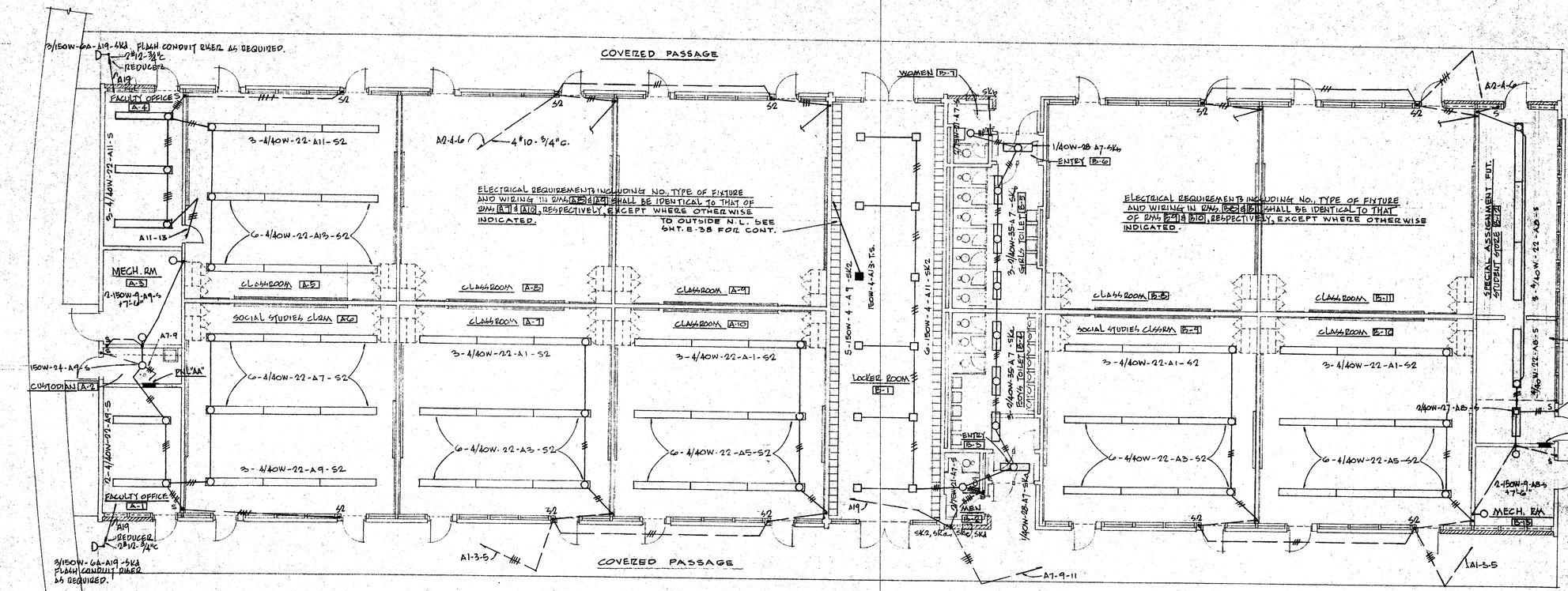
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES ARCHITECTURE – ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17833 APPROVED JAN 5 - 1959
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER CIVIL ENGINEER		

SINGLE LINE DIAGRAM.

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE JAN '59
DR. BY BHL & GA.
CHECKED BY SMK
JOB NO. 56-71
SHEET NO. E6 OF 248



WORKING NORTH.

LIGHTING PLAN – UNITS "A" & "B"

SCALE: 1/8" = 1'-0"

120/208 VOLTS, 3 PHASE, 4 WIRE — PANEL "AA"

LOCATION CUSTODIAN A-2 — 100 A. BUSSING

FEEDER "AA" — ENTER CAB'T. AT BOTTOM — MTG. FLUSH

LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR	BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
RMS A7,10	1200			6			1	20A-1P	20A-1P	2			6	1200			RMS A8,9
RM A9		1200		6			3			4			6		1200		RM A8
RM A10			1200	6			5			6			6			1200	RM A9
RM A6	1200			6			7			8			6			1200	RMS A1,2
RMS A1,2,3,6		1450		8			9			10	3				450		RMS A6,7
RMS A4,5			1200	6			11			12	3					450	RMS A7,10
RM A8	1200			6			13			14	4		600				RMS A3,4
RMS A4,5,6,7		450			3		15			16	3				450		RMS A5,8
RMS A8,9,10			450		3		17			18	3					450	RMS A8,9
OUTSIDE FLOOD	900			2			19			20			800				SPARE
ELECTRIC WATER HTR.		1050				1	21	20A 2P		22					800		
	1950		1050				23			24						800	
3 HP FAN MOTOR		1950				1	25	40A 3P	3P	26							SPACE
			1950				27			28							
							29			30							
							31			32							
							33			34							
							35			36							
							37			38							
							39			40							
							41			42							
	6350	6150	5850											2400	2100	2100	

TOTAL ΦA = 8750W ΦB = 8700W ΦC = 7,950W

TOTAL ΦA, ΦB & ΦC = 24,900 W OR 69A.

120/208 VOLTS, 3 PHASE, 4 WIRE — PANEL "BA"

LOCATION STUDENT STORE B-12 — 100 A. BUSSING

FEEDER "BA" — ENTER CAB'T. AT BOTTOM — MTG. FLUSH

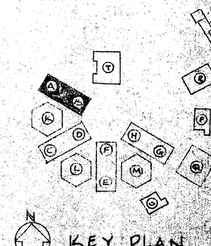
LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR	BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
RMS B9,10	1200			6			1	20A-1P	20A-1P	2			6	1200			RMS B8,11
RM B9		1300		6			3			4			6		1200		RM B11
RM B10			1200	6			5			6			6			1200	RM B8
RMS B2,3,5,7	1000			10			7			8			7	1200			RMS B12,13,14
RM B1		780		8			9			10	3				450		RM B14
			900	6			11			12	3					450	RMS B2,6,13
N.L. & T.S.	1100			7		1	13			14	4		600				RMS B9,10
OUTSIDE LTG		1680		11			15			16	4				600		RMS B8,9,12
EXH. FANS			800			2	17			18	4					600	RMS B5,7,10,11
SPARE	800						19			20	4		600				RMS B8,11
		800					21			22							SPACE
			800				23			24							SPACE
3 HP SUPPLY FAN	1150						25	20A 3P	3P	26							SPACE
		1150				1	27			28							
			1150				29			30							
							31			32							
							33			34							
							35			36							
							37			38							
							39			40							
							41			42							
	5250	5550	4850											3600	2050	2050	

TOTAL ΦA = 8350W ΦB = 7,600 W ΦC = 6900 W

TOTAL ΦA, ΦB & ΦC = 23,350W OR 65A.

INSTALL TIME SW. IN 15" HIGH SECT. AT TOP OF PNL. T.S. ON CIR. A13.

NOTES:
1. FOR OUTSIDE LTG. SEE PLAN, SHT E-38.



KEY PLAN
No scale

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT — MECHANICAL ENGINEER — STRUCTURAL ENGINEER — ELECTRICAL ENGINEER — CIVIL ENGINEER

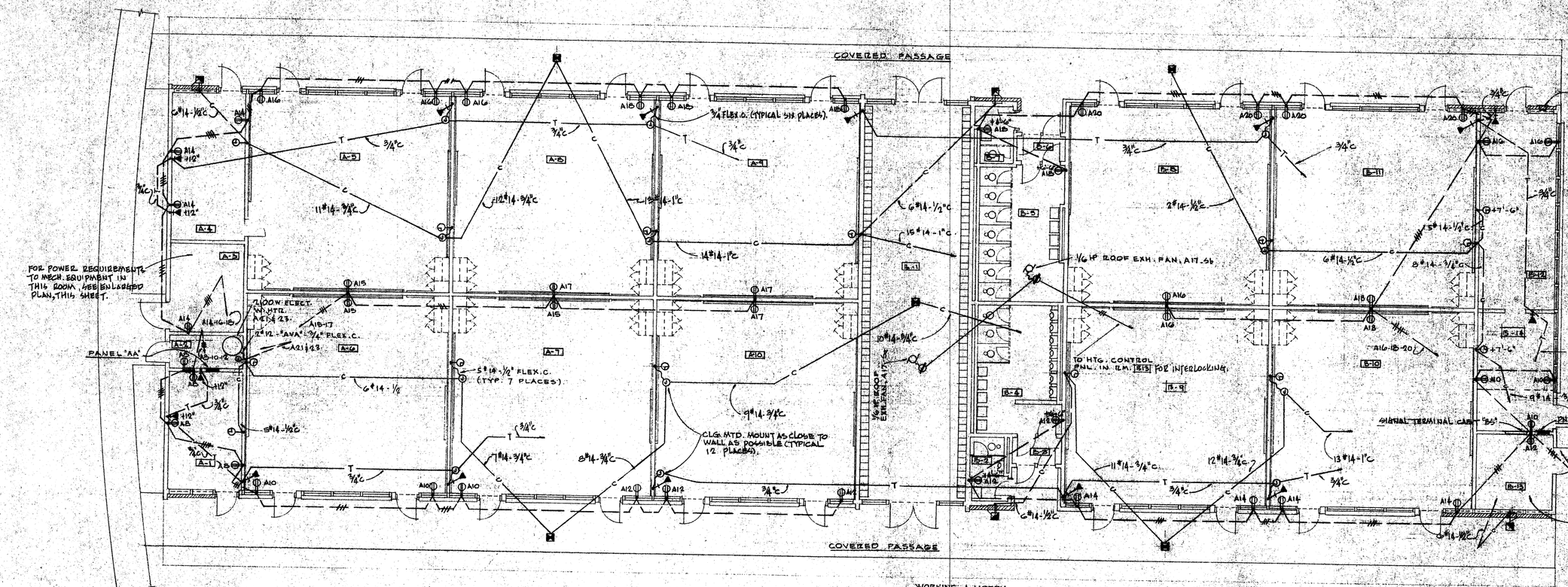
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

BUREAU OF ENGINEERING WORKS — RECEIVED JAN 5 1959

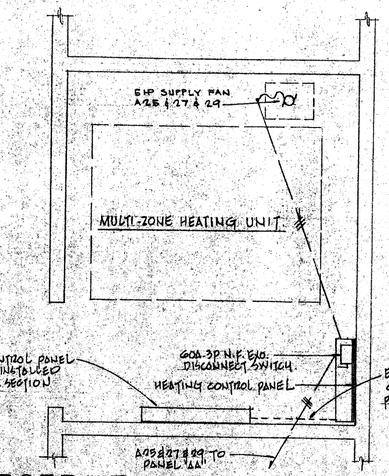
LIGHTING PLAN – UNITS "A" & "B"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

DATE JAN. '59 — DR. BY B.N.L. — CHECKED BY — JOB NO. 56-71

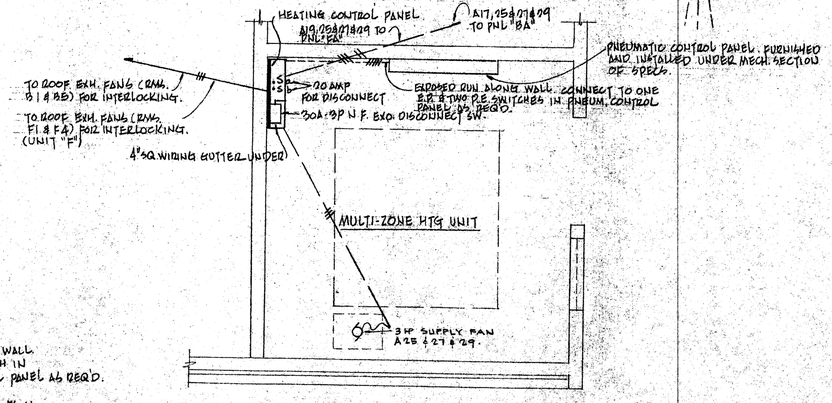
SHEET NO. E7



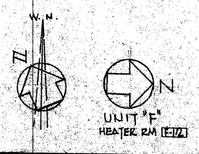
POWER & SIGNAL PLAN - UNITS "A" & "B"
SCALE: 1/8" = 1'-0"



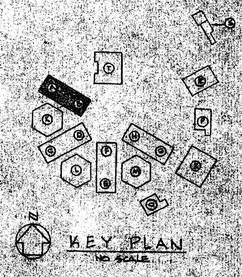
ENLARGED PLAN MECH. RM. A-3
SCALE: 3/8" = 1'-0"



ENLARGED PLAN MECH. RM B-13
SCALE: 3/8" = 1'-0"
MECH. RM. F-12 IDENTICAL UNLESS NOTED OTHERWISE



NOTES:
1. FOR PANEL SCHEDULES SEE SHT. E-7
2. FOR TERMINAL CABINET REQUIREMENTS SEE SCHEDULE, SHT. E-1.



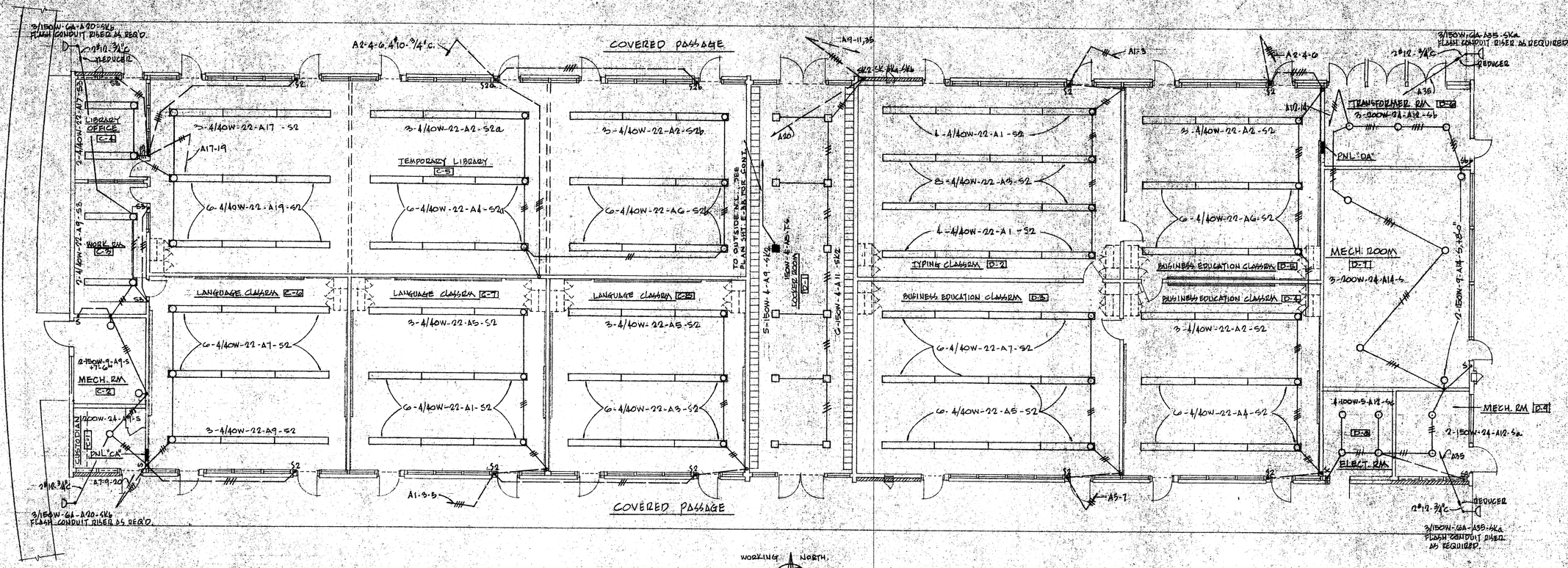
KEY PLAN
NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17338 APPROVED 1-15-1959
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER / CIVIL ENGINEER		

POWER & SIGNAL PLAN - UNITS "A" & "B"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE JAN. '59
DR. BY B.H.L.
CHECKED BY
JOB NO. 56-71
SHEET NO. E8



WORKING NORTH

LIGHTING PLAN - UNITS "C" & "D"

SCALE: 1/8" = 1'-0"

PANEL "CA"

120/208 VOLTS, 3 PHASE, 4 WIRE — LOCATION CUSTODIAN C-1 — 1200 A. BUSSING — FEEDER "SA" — ENTER CABT. AT BOTTOM — MTG. FLUSH

LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR
EXIT C-1	1200			6			1	20A 1P
RM. C-2		1800		9			2	
RMS C-3,5			1200	10			3	
RM. C-4	1200			10			4	
RMS C-3 & 6		1800		10			5	
RMS C-6,7			1800		5		15	
RMS C-4,5	180				5		17	
MASTER CLOCK		500					19	
RMS C-6,8			1000	8			21	
RM. C-8	1200			9			23	
ELECT. WATER		850					25	15A 1P
SPARE			1350				27	20A 1P
SPARE	350						29	15A 1P
SPARE		950					31	20A 1P
SPARE			1800				33	
SPARE							35	
SPARE							37	
SPARE							39	
SPARE							41	
SPARE							43	
	6000	6850	6350					

BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
20A 1P	2			6	1800			RM. C-5
	4			6		1200		
	6		3	6	450			RMS. C-3, 6
	8			6			1800	RM. C-8
	10			6		1800		RM. C-4
	12		3				450	RM. C-8
	14		3	5	450			RMS C1, 2, 3
	16		3				450	RMS C-3 & 6, 7
	18		3				450	RMS C-5, 8
	20			9	900			OUTSIDE FLOOD
	22					800		SPACE
	24						800	
3HP	26							SPACE
	28							
	30							
	32							
	34							
	36							
	38							
	40							
	42							
	44							
				79	2700	2650	2700	

TOTAL ΦA = 8,350 W ΦB = 9,350 W ΦC = 8,850 W

TOTAL ΦA, ΦB, ΦC = 27,300 W = 79 LTG

PANEL "DA"

120/208 VOLTS, 3 PHASE, 4 WIRE — LOCATION TRANSFORMER RM. D-6 — 400 A. BUSSING — FEEDER "DA" — ENTER CABT. AT BOTTOM — MTG. FLUSH

LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR
RM D-2	1600			5			1	20A 1P
		1600		5			3	
RM D-3			1200	6			5	
	1200			6			7	
RM D-1		750		5			9	
			900	6			11	
RMS D6, 7	600				3		13	
D5		450			3		15	
PLUG-IN STRIP			1000			1	17	
PLUG-IN STRIP	1000					1	19	
RMS D-2		450			3		21	
			600		4		23	
	600				4		25	
PLUG-IN STRIP		1000				1	27	
PLUG-IN STRIP			1000			1	29	
EXH. FANS	800					2	31	
BOILER COMP. PNL		800					33	
OUTSIDE FLOOD			900	2			35	
3HP SUPPLY FAN		1350				2	37	20A 3P
3/4 HP CONDENSING			1350				41	
	1150	6450	6850					

BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
20A 1P	2			6	1800			RMS D6, 7
	4			6		1200		RM D-2
	6			6			1200	RM D-3
	8			6				N.L. & T.B.
	10			6		1800		OUTSIDE LTG.
	12			6			1500	LMRS. D6, 8, 9
	14			5	900			RMS. D7
	16					1350		EMRG. D-7
	18			6			450	D5
	20			5	450			D4, 5
	22			4		600		D3
	24			4			600	D2
	26			4	600			D1, 4
	28			5		750		D8, 9
	30			2			1000	D8
	32							SPACE
	34							
	36							
30A 3P	38				1900			TWO 1HP, TWO 3/4HP MOTORS AND H.W. PUMPS
	40	5				1900		
	42						1900	
					4550	6100	6450	

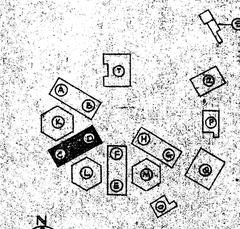
TOTAL ΦA = 13,850 W ΦB = 14,850 W ΦC = 13,900 W

ΦA, ΦB, ΦC = 42,600 W OR 104A

INSTALL TIME SW. IN 18" HIGH SECT. AT TOP OF PNL. T.S. ON CIR. A8

NOTES:

1. FOR OUTSIDE LTG. SEE PLAN, SHT. E-3B.



KEY PLAN
NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT — MECHANICAL ENGINEER — ELECTRICAL ENGINEER — STRUCTURAL ENGINEER — CIVIL ENGINEER

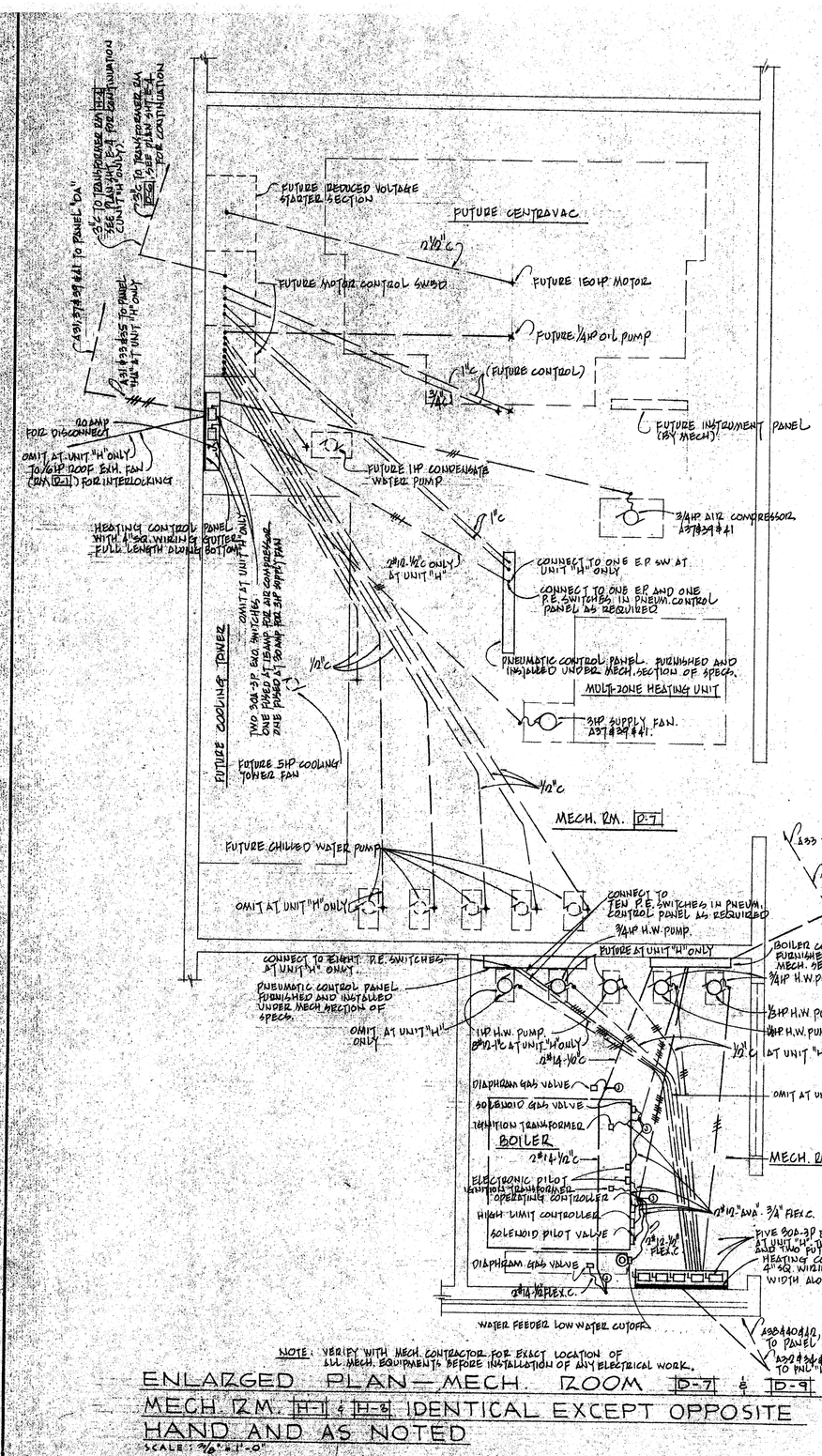
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE - ENGINEERING
LOS ANGELES, CALIFORNIA

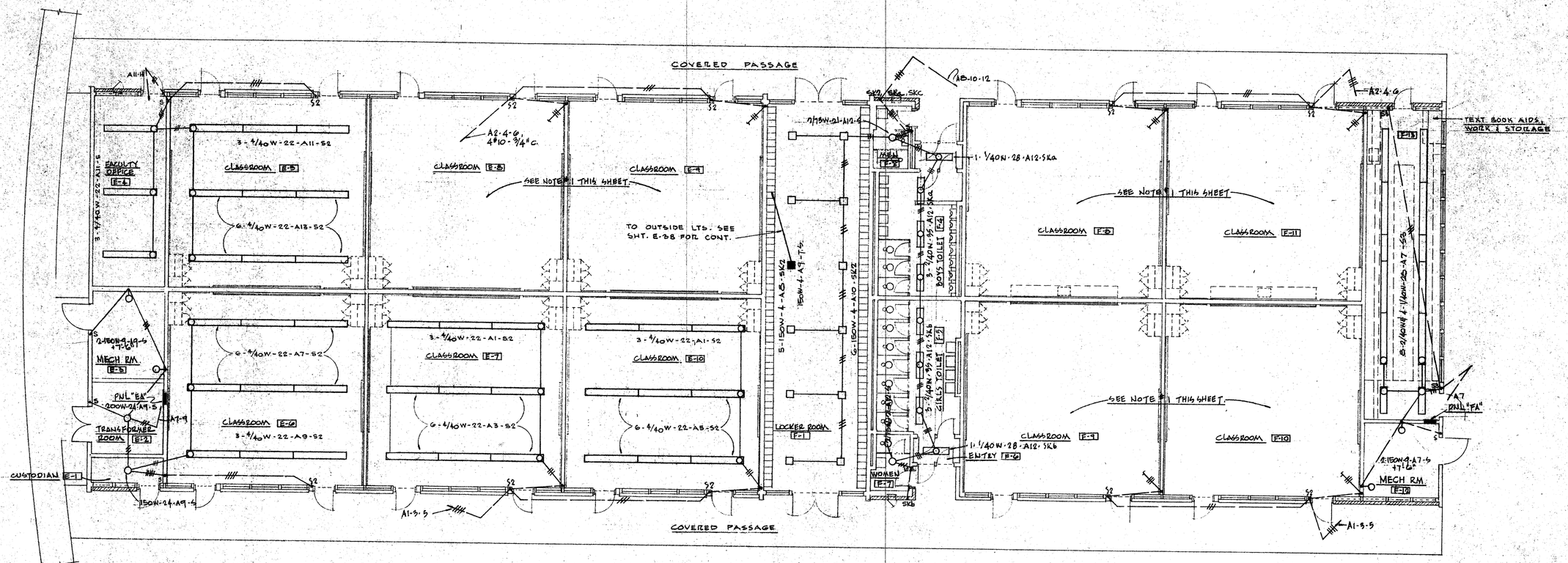
STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
17,533 APPROVED JAN 5 1959
J. Neary
DEPUTY STATE ARCHITECT

LIGHTING PLAN - UNITS "C" & "D"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE JAN 59
DR. BY [illegible]
CHECKED BY [illegible]
JOB NO. 56-71

SHEET NO. E9
OF 145 SHEETS


FUTURE REDUCED VOLTAGE STARTER SECTION
FUTURE CENTRAVAC
FUTURE MOTOR CONTROL SWBD
FUTURE 150 HP MOTOR
FUTURE ¼HP OIL PUMP
(FUTURE CONTROL)
FUTURE INSTRUMENT PANEL (BY MECH)
FUTURE 1HP CONDENSATE WATER PUMP
3/4HP AIR COMPRESSOR A37@29@41
CONNECT TO ONE E.P. SW AT UNIT "H" ONLY
CONNECT TO ONE E.P. AND ONE P.E. SWITCH(ES) IN PNEUM. CONTROL PANEL AS REQUIRED
PNEUMATIC CONTROL PANEL FURNISHED AND INSTALLED UNDER MECH. SECTION OF SPECS.
MULTI-ZONE HEATING UNIT
3HP SUPPLY FAN A37@29@41
FUTURE 5HP COOLING TOWER FAN
FUTURE COOLING TOWER
MECH. RM. D-7
FUTURE CHILLED WATER PUMP
OMIT AT UNIT "H" ONLY
CONNECT TO TEN P.E. SWITCHES IN PNEUM. CONTROL PANEL AS REQUIRED
3/4HP H.W. PUMP
FUTURE AT UNIT "H" ONLY
BOILER CONTROL PANEL FURNISHED AND INSTALLED UNDER MECH. SECTION OF SPECS.
CONNECT TO EIGHT P.E. SWITCHES AT UNIT "H" ONLY
PNEUMATIC CONTROL PANEL FURNISHED AND INSTALLED UNDER MECH. SECTION OF SPECS.
OMIT AT UNIT "H" ONLY
1HP H.W. PUMP
BOILER AT UNIT "H" ONLY
DIAPHRAGM GAS VALVE
SOLENOID GAS VALVE
IGNITION TRANSFORMER
BOILER
ELECTRONIC PILOT IGNITION TRANSFORMER OPERATING CONTROLLER
HIGH LIMIT CONTROLLER
SOLENOID PILOT VALVE
DIAPHRAGM GAS VALVE
FIVE 30A-3P EXD SW. FUSED 15 AMP EACH AT UNIT "H" AND TWO FUTURE SWITCHES AT UNIT "H" ONLY.
HEATING CONTROL PANEL 4" SQ. WIRING GUTTER FULL WIDTH ALONG BOTTOM.
WATER FEEDER LOW WATER CUTOFF
MECH. RM D-9
TO PANEL "DA"
TO PANEL "HA" UNIT "H" ONLY
TO PANEL "DA"
AT UNIT "H" ONLY
TO PANEL "DA"
AT UNIT "H" ONLY
TO PANEL "HA"
TO PANEL "HA"
TO PANEL "HA"

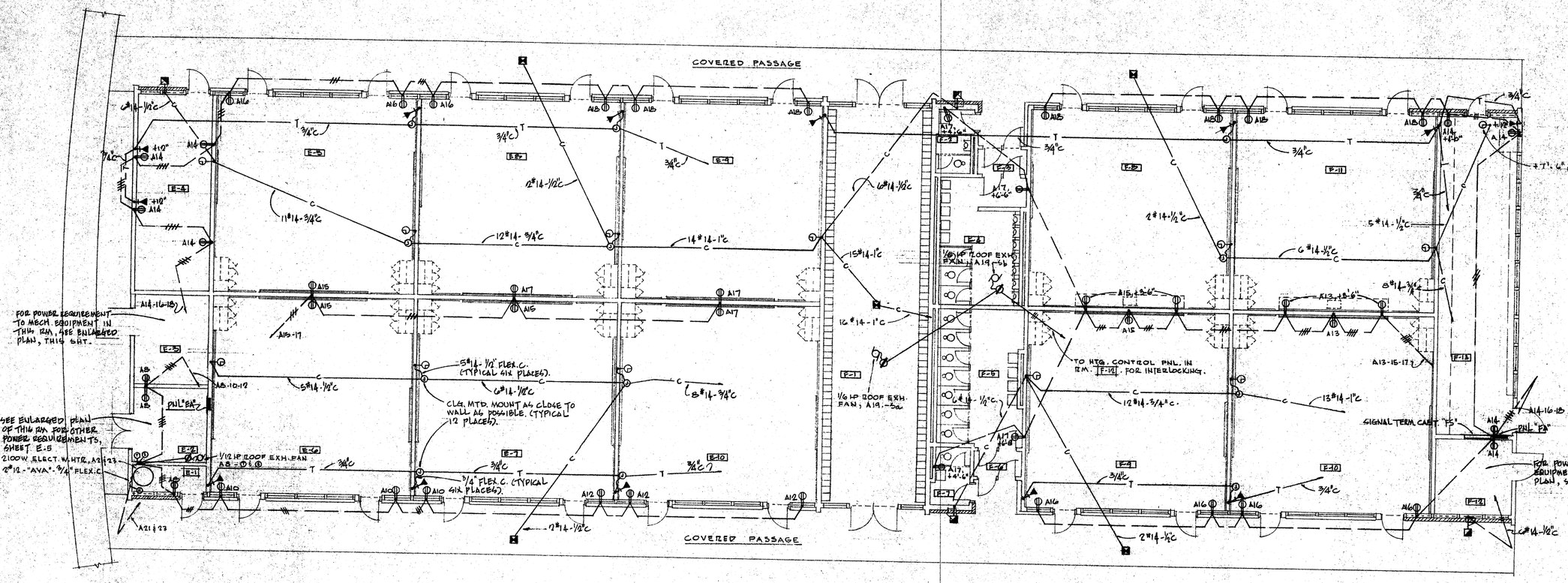


LIGHTING PLAN — UNITS "E" & "F"

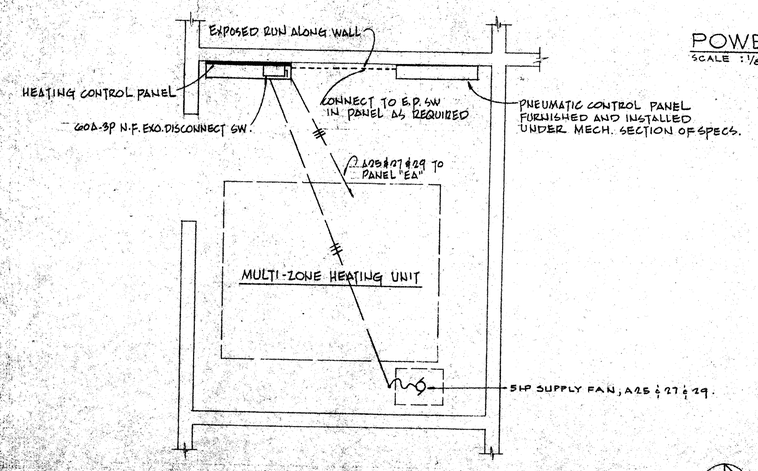
SCALE: 1/8" = 1'-0"

N

| 120/208 VOLTS 4 PHASE 4 WIRE — PANEL "EA" — LOCATION TEXT BOOK AIDS F-13 — FEEDER "EA" — 100 A. BUSSING — ENTER CAB'T. AT BOTTOM — MTG. FLUSH | | |

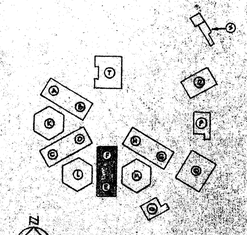


POWER & SIGNAL PLAN - UNITS 'E' & 'F'
SCALE: 1/8" = 1'-0"



ENLARGED PLAN MECH. RM. E-3
SCALE: 3/8" = 1'-0"

NOTES:
1. FOR PANEL SCHEDULES, SEE SHEET E-12
2. FOR TERMINAL CABINET REQUIREMENTS, SEE SCHEDULE ON SHT. E-1.



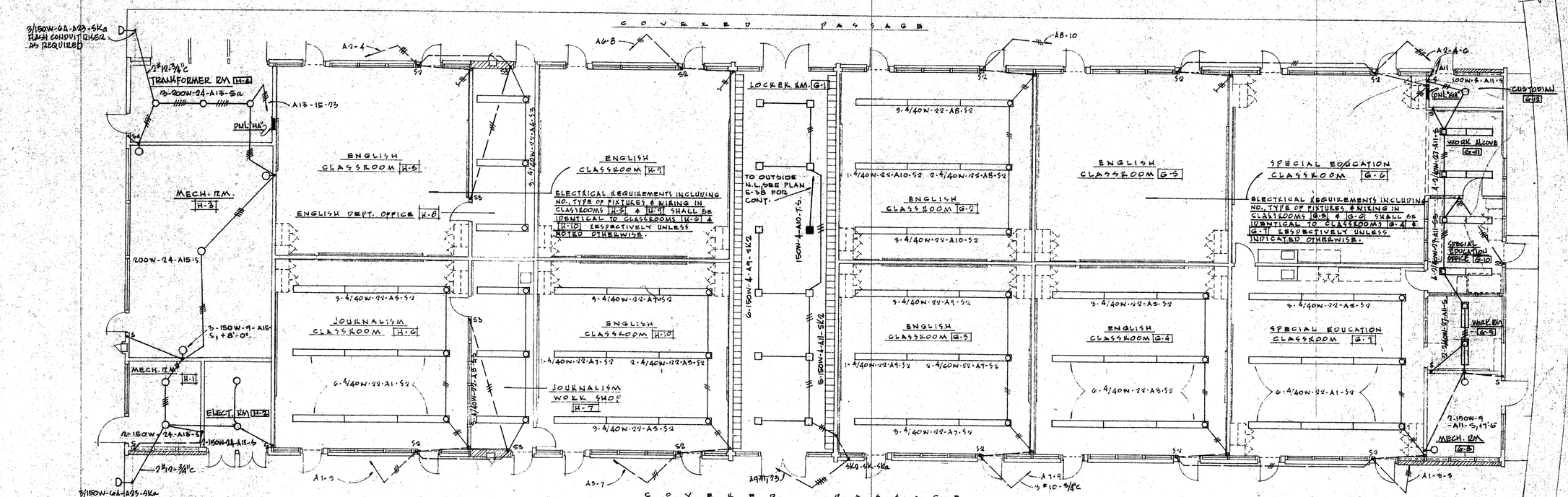
KEY PLAN
NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT	STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER / CIVIL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES	17583 APPROVED JAN 5 - 1959
		ARCHITECTURE - ENGINEERING	LOS ANGELES, CALIFORNIA

POWER & SIGNAL PLAN - UNITS "E" & "F"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE JAN '59
DR. BY R.H.L.
CHECKED BY SMK
JOB NO. 56-71
SHEET NO. E13



LIGHTING PLAN — CLASSROOM BUILDING UNITS "G" & "H"

SCALE: 1/8" = 1'-0"

WORKING NORTH

PANEL "HA"

120/208 VOLTS, 3 PHASE, 4 WIRE — LOCATION: TRANSFORMER RM. H-2 — 100 A. BUSSING — FEEDER: "HA" — ENTER CAB'T. AT: BOTTOM — MTG.: FLUSH

LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR
RM. H-6	1200			6			1	20A-1P
RMS H-6, 7		1200		6			3	
RM. H-10			1600	8			5	
"	800			4			7	
RM. G-11		900		6			9	
"			750	5			11	
RMS H1, 2, 4	1200			7			13	
RM. H-8		960		4			15	
RMS H 3, 5			750		5		17	
" " "	600			4			19	
BOILER CONTROL PNL		500				1	21	
OUTSIDE FLOOD			900	2			23	
6 SPACE							25	
							27	
							29	
SHP SUPPLY FAN 2960							31	
1-3/4 HP. COMP.	2300				2		33	30A 3P
MOTOR.		2300					35	
							37	
							39	
							41	
	2300	2300	2600					

BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
20A-1P	2			6	1200			RM. H-6
	4			6		1200		RMS H-5, 8
	6			8			1600	RM. H-10
	8			4	800			
	10			4		1100		N.L. & T.S.
	12			9			1250	OUTSIDE LIGHTG
1EA/P	14	1			400			B.K.H. FAN
20A-1P	16			4		600		RMS H-5, 7, 8, 9
	18			5			750	RMS H-8, 6, 10
	20			6	900			RMS H1, 2, 3, 6, 10
	22					800		SPARE
	24						800	6 SPACE
	26							
	28							
	30							
40A 3P	32	2+ 2 FUT.			1800			LHP & W/2 HP. H.W. PUMPS
	34					1800		
	36						1800	
	38							
	40							
	42							
					5100	5350	5550	

TOTAL ΦA = 11,050W ΦB = 11,050W ΦC = 11,150W
" ΦA, ΦB, ΦC = 33,250 W OR 92A.

INSTALL TIME SW. IN 15' HIGH SECT AT TOP OF PNL. TS. ON CIR. A10.

PANEL "GA"

120/208 VOLTS, 3 PHASE, 4 WIRE — LOCATION: CUSTODIAN G-12 — 200 A. BUSSING — FEEDER: "GA" — ENTER CAB'T. AT: BOTTOM — MTG.: FLUSH

LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR
RM G-7	1200			6			1	20A-1P
G-8		1200		6			3	
RMS G-6, 7			1200	6			5	
RM G-9	1000			5			7	
"		800		4			9	
RMS G-11-12			1400	10			11	
RMS G-8, 7	150				3		13	
RMS G-9, 8		150			3		15	
RMS G-5, 9, 10			750		5		17	
RMS G-1, 2, 5, 6	600				4		19	
RMS G-10, 11, 12		300		1	3		21	
RMS G-10, 11, 12			750		5		23	
EXH. FANS	750					2	25	
KITCHEN UNIT RM G-7		1700				1	27	50A 3P
		1700					29	
	1950					1	31	40 3P
FAN MOTOR 5 HP		1950					33	
			1950				35	
							37	
							39	
							41	
	3450	6600	7750					

BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
20A-1P	2			6	1200			RM G-6
	4			6		1200		RM. H-5
	6			6			1200	RMS G-5, 6
	8			5	1000			RM G-2
	10			4		800		
	12		3				450	RMS G-5, 6
	14		3		450			RMS G-2, 3
15A-1P	16	1				550		FLR. OUT. - DISPOSER
20A-1P	18						800	SPARE
	20							SPACE
	22							
	24							
30A 2P	26	1				1350		ELECT. W. HTR.
	28						350	
	30							
	32							
2P	34							SPACE
	36							
	38							
	40							
	42				1650	1900	1200	

TOTAL ΦA = 8600W ΦB = 10,500W ΦC = 11,350W
" ΦA, ΦB, ΦC = 30,650W OR 89A.

NOTES:
1. FOR OUTSIDE LTG. SEE SHT. E-38.

KEY PLAN — NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT — STRUCTURAL ENGINEER

MECHANICAL ENGINEER — ELECTRICAL ENGINEER — CIVIL ENGINEER

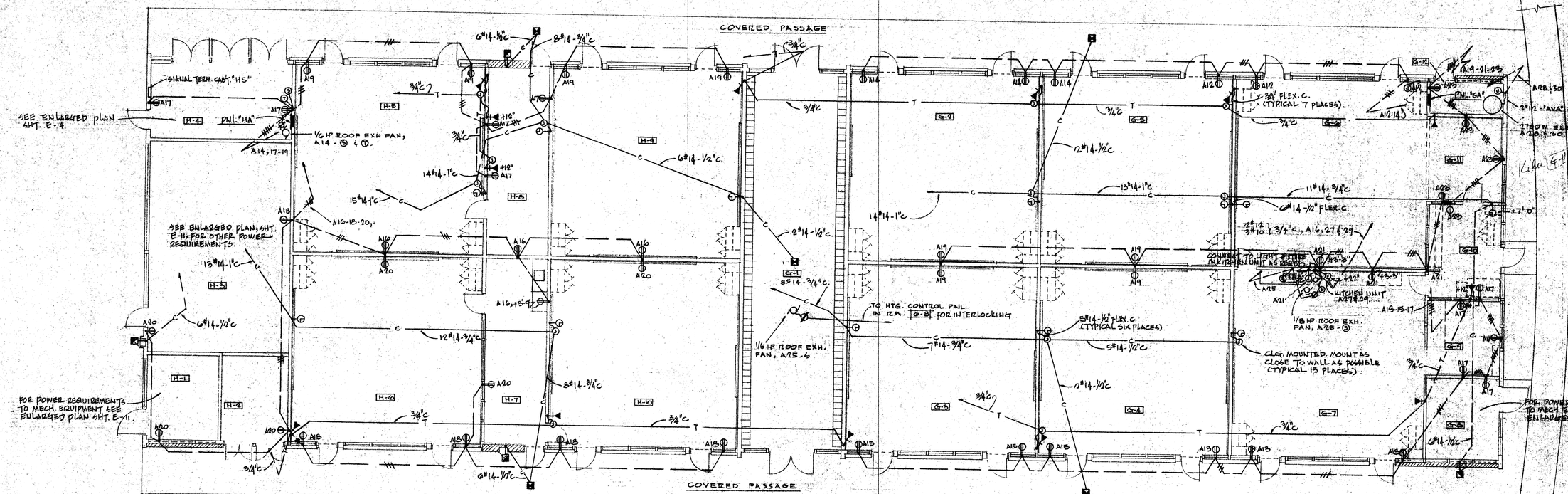
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE - ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
17883 APPROVED JAN 5 1959

LIGHTING PLAN - UNITS "G" & "H"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE: JAN. '59
DR. BY: R.E.C.H.
CHECKED BY:
JOB NO.: 54-71

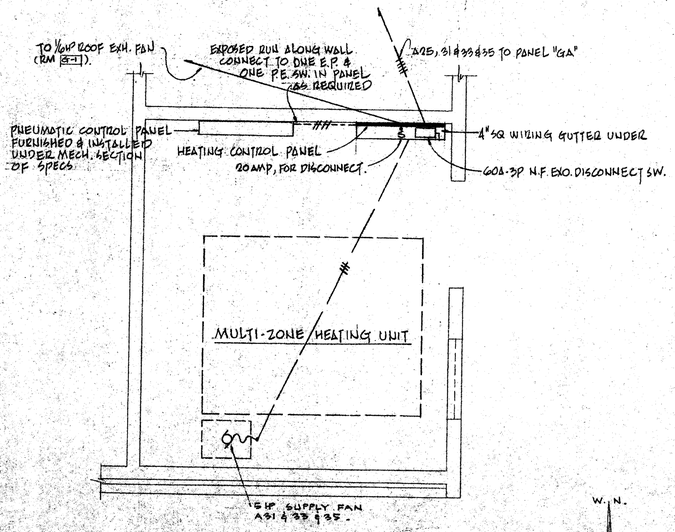
SHEET NO.: E14
OF 245 SHEETS



POWER & SIGNAL PLAN - UNITS 'G' & 'H'

SCALE : 1/8" = 1'-0"

WORKING NORTH



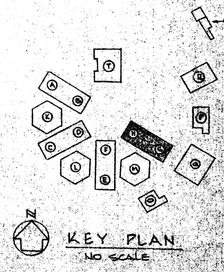
ENLARGED PLAN MECH. RM. G-8

SCALE : 3/8" = 1'-0"

W. N.

NOTES:

1. FOR PANEL SCHEDULES, SEE SHT. E-14
2. FOR TERMINAL CABINET REQUIREMENTS SEE SHT. E-1



KEY PLAN
NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT | STRUCTURAL ENGINEER | MECHANICAL ENGINEER / ELECTRICAL ENGINEER | CIVIL ENGINEER

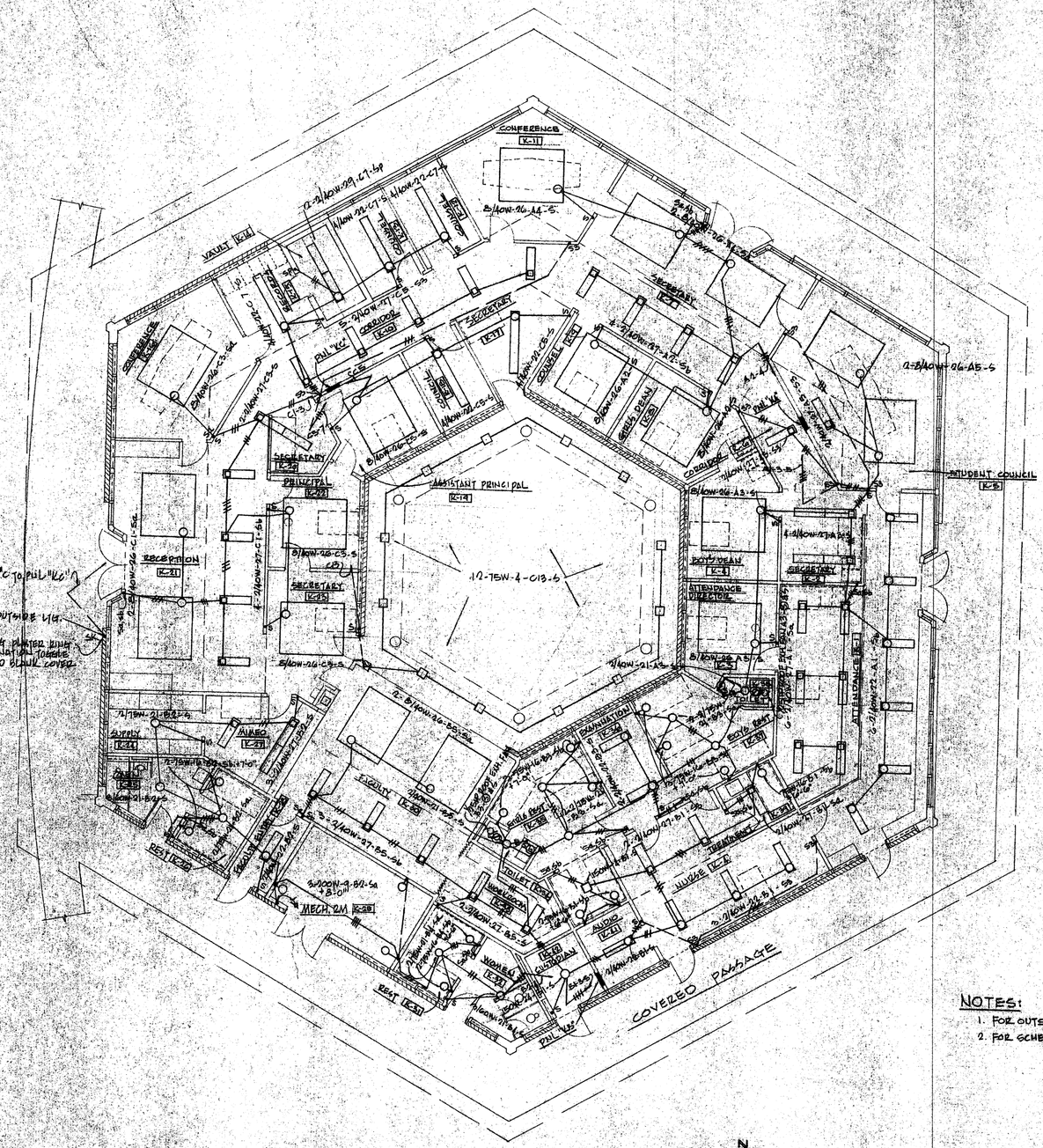
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTS - ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED UNDER DSA NO. 600
J. Mayo

POWER & SIGNAL PLAN - UNITS "G" & "H"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE JAN '69
DR. BY B.H.L.
CHECKED BY SAL
JOB NO. 56-71

SHEET NO. E15
OF 248 SHEETS


CONFERENCE K-11
VAULT K-4
SECRETARY K-29
CORRIDOR K-59
PRINCIPAL K-27
ASSISTANT PRINCIPAL K-14
RECEPTION K-21
SECRETARY K-25
STUDENT COUNCIL K-5
BOYS' DEAN K-6
ATTENDANCE DIRECTOR K-7
SECRETARY K-8
EXAMINATION K-34
SUPPLY K-24
AUDIO K-31
TOILET K-60
WORK ROOM K-32
CUSTODIAN K-33
MECH. EQ. K-36
HEAT K-35
EXCELSIOR K-26
COVERED PASSAGE
1/2"C TO PNL "KC"
FOR OUTSIDE LTG.
WITH 2 GANG PLASTER RING USE COMBINATION TOGGLE SWITCH AND BLANK COVER PLATE.
12-T5W-4-C13-5
2-3/4CW-39-C7-5
4-3/4CW-37-C8-5
3/4CW-22-C7-5
3/4CW-26-A4-5
3/4CW-26-A5-5
3/4CW-26-A3-5
3/4CW-26-C3-5
3/4CW-26-C5-5
3/4CW-26-C4-5
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3/4CW-26-C1-5
3/4CW-26-C6-5
3/4CW-26-B5-5a
3/4CW-26-B4-5a
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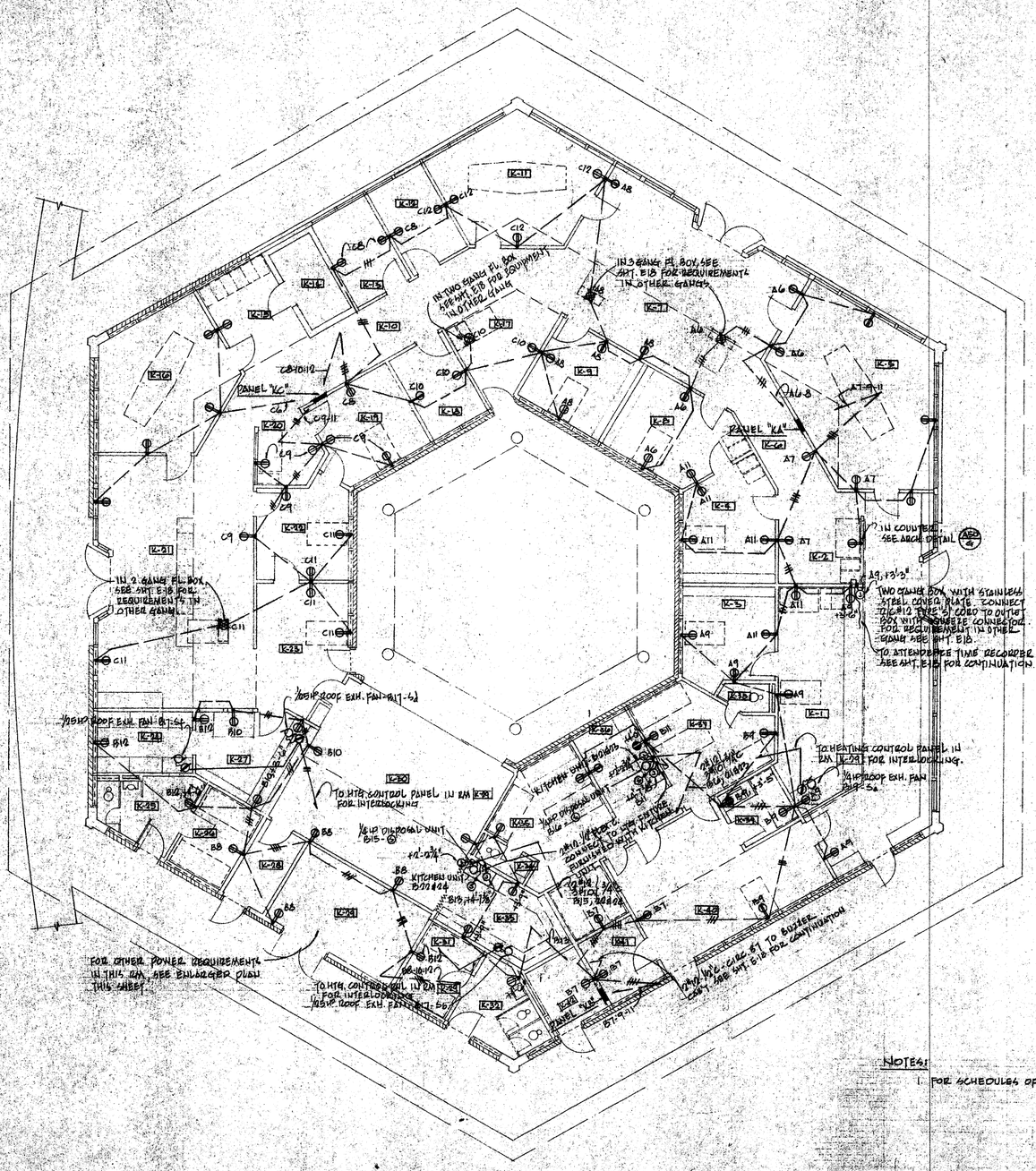
3/4CW-22-C47-5a



POWER PLAN — ADMIN BLDG — UNIT "K"
SCALE: 1/8" = 1'-0"

PANEL "KC"

VOLTS / Ø / WIRE — LOCATION CORRIDOR K-28 — LOC. A BUSSING — FEEDER "KG" — ENTER CAB'T. AT BOTTOM — MTG. SURF.

LOCATION	WATTAGE Ø A	Ø B	Ø C	LTG	REC	MIS	CIR	BKR			BKR	CIR	MIS	REC	LTG	WATTAGE Ø A	Ø B	Ø C	LOCATION
DWN'S RT.	180			6			1	20/1			20/1	1			6	180			OUTSIDE LTS.
KIT. EQUIP. #5		1400		8			2					2			4		1920		(1) LT. & REC.
KIT. EQUIP. #6			1500	8			3					3			8			1500	(1) LT. & REC.
TV LTS.	600			8			4					4			10	600			RMS. K-19, K-20
EXH. FAN #1		900		12			5					5			12		900		EXH. FAN #1
EXH. FAN #2			900	12			6					6			14			900	EXH. FAN #2
DOOR LTS.	600			12			7					7			16	600			FUTURE PROVIDE
FUTURE PROVIDE		2000		(2)			8	20/1				8			(2)		2000		
			2000	(2)			9					9			(2)			2000	
	2000			(2)			10					10							SPACE
SPARE		800					11	20/1				11							
SPARE			800				12					12							
							13					13							
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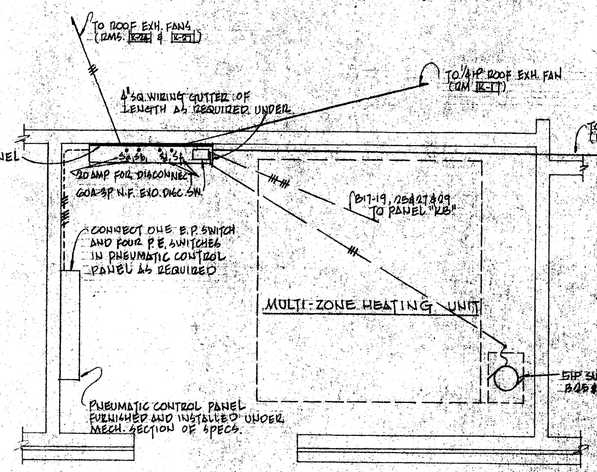
							40					40							
							41					41							
							42					42							
	4200	5100	5000																PANEL KBB 2500

TOTAL: Ø A = 8550 W. Ø B = 8750 W. Ø C = 8500 W.
TOTAL WATTAGE @ 115 VOLTS OR 73 AMPS.

INSTALL TIME SWITCH IN 24" H. SECTION AT TOP OF PANEL. TIME SWITCH ON CIRCUIT 24.
C) INDICATES FUTURE OUTLET.



ENLARGED PLAN - MECH. ZM. K-29
SCALE: 3/8" = 1'-0"

NOTES:
1. FOR SCHEDULES OF PANELS "KA" AND "KB", SEE SHT. E-16.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

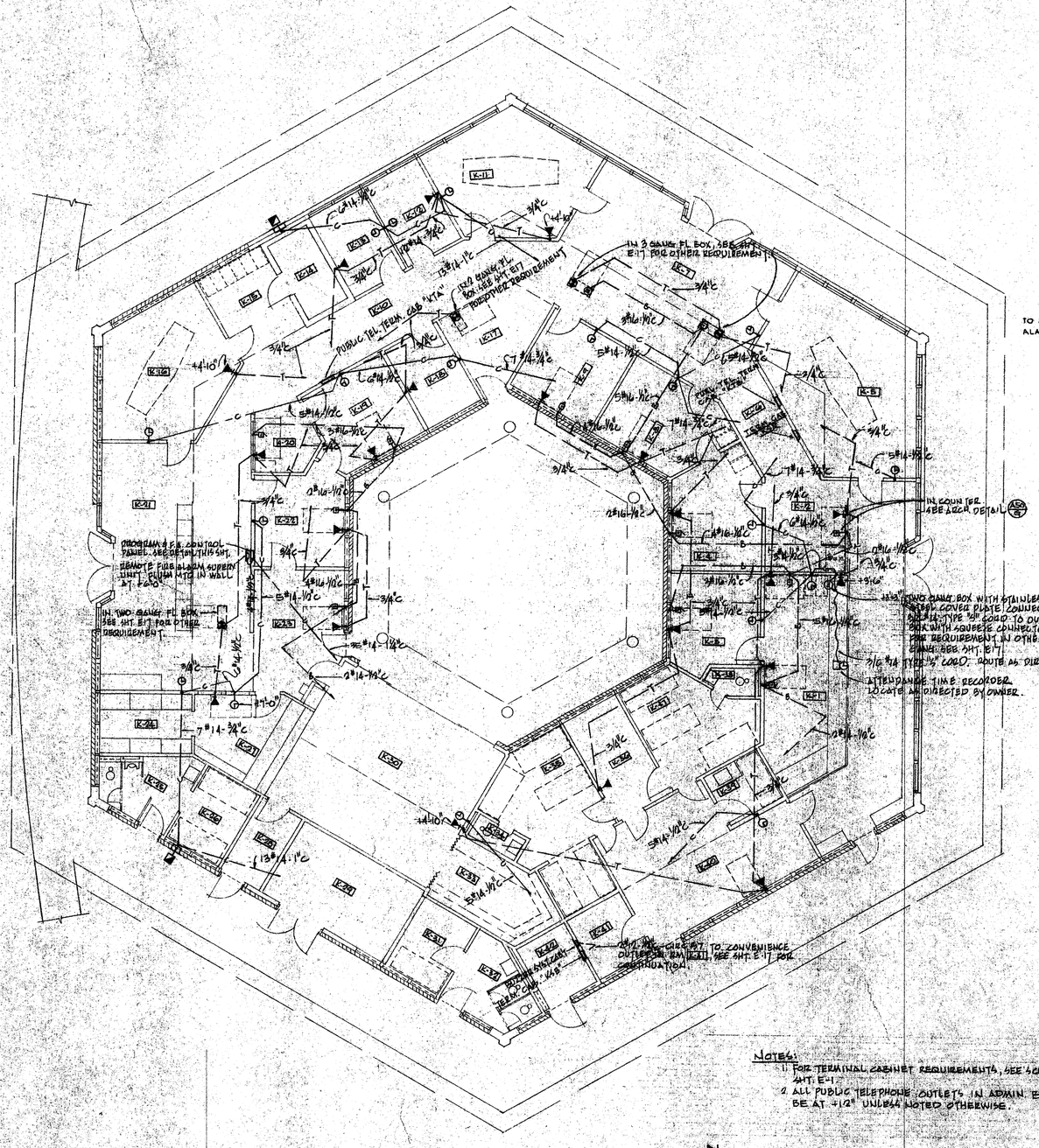
ARCHITECT — STRUCTURAL ENGINEER — MECHANICAL ENGINEER — ELECTRICAL ENGINEER — CIVIL ENGINEER

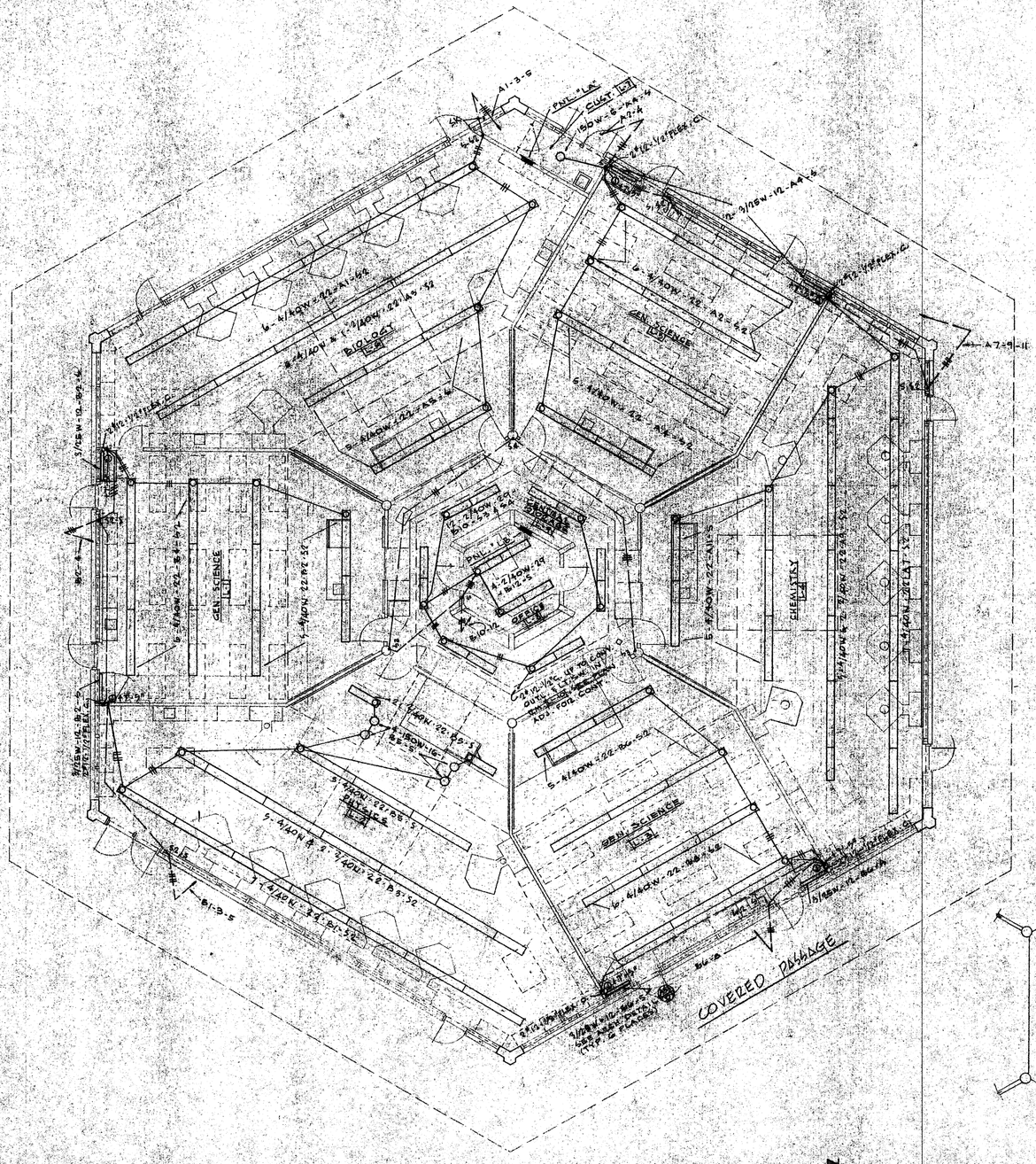
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE - ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
17833 APPROVED JAN 5 - 1959 By

POWER PLAN - ADMIN BLDG - UNIT "K"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

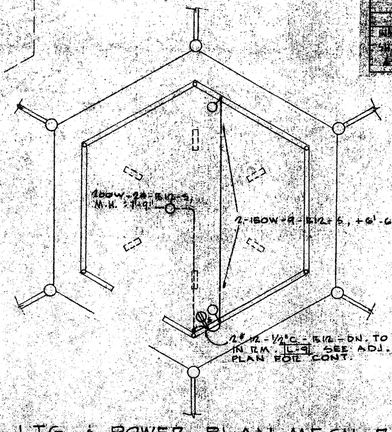
DATE JAN '59 — DR. BY C.M.L. — CH. BY — JOB NO. 5871 — SHEET NO. E17 — OF 20 SHEETS


PROGRAM & F.A. CONTROL PANEL. SEE DETAIL THIS SHT.
REMOTE FIRE ALARM SUPPLY UNIT. FURN. MTD. IN WALL AT +60"
IN TWO GANG FL BOX. SEE SHT. E-7 FOR OTHER REQUIREMENT.
PUBLIC TEL. TERM. CAB. "K1A"
150 GANG FL. BOX. SEE SHT. E-7 FOR OTHER REQUIREMENT
IN 3 GANG FL BOX, SEE SHT. E-7 FOR OTHER REQUIREMENT
IN 2 GANG FL. BOX WITH STAINLESS STEEL COVER PLATE. CONNECT WITH TYPE "SR" CORD TO OUTLET BOX WITH SQUEEZE CONNECTOR. FOR REQUIREMENT IN OTHER CANS, SEE SHT. E-7
2#14-3/4"C
TWO GANG BOX WITH STAINLESS STEEL COVER PLATE. CONNECT WITH TYPE "SR" CORD TO OUTLET BOX WITH SQUEEZE CONNECTOR. FOR REQUIREMENT IN OTHER CANS, SEE SHT. E-7
2/C #14 TYPE "SR" CORD. ROUTE AS DIRECTED.
INTERCOMMUNICATING SYSTEM. LOCATE AS DIRECTED BY OWNER.
IN 4 GANG BOX WITH STAINLESS STEEL COVER PLATE. CONNECT WITH TYPE "SR" CORD TO OUTLET BOX WITH SQUEEZE CONNECTOR. FOR REQUIREMENT IN OTHER CANS, SEE SHT. E-7
2/C #14 TYPE "SR" CORD. ROUTE AS DIRECTED



LIGHTING PLAN - SCIENCE BLDG. - UNIT "L"

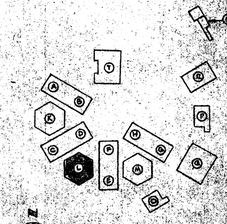
SCALE 1/8" = 1'-0"



LTG. & POWER PLAN MECH. ITM. [L-10]

SCALE 1/8" = 1'-0"

NOTES:
1. FOR OUTSIDE LTG. SEE SHT. E-38



KEY PLAN
NO SCALE

PANEL "LA"

120/240 VOLTS, 3 PHASE, 4 WIRE

LOCATION CUST [L-3] — 150 A. BUSSING

FEEDER "LA" — ENTER CAB'T. AT BOTTOM — MTG. FLUSH

LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR		BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
BIOLOGY (L-4)	1150			6			1	20/2	1	20/2	2			6	1150			G.C. (L-6)
		1300		7			4		3		4			6		1100		G.C. (L-6)
			1050	5			5		5		6			12			950	N.I. (L-6)
CHEMISTRY (L-4)	1400			7			7		7		8			6	900			DISP. SIDE LT.
		1400		7			8		9		10			12		950		CUST. AQ. (L-3)
			1000	5			11		11		12			12			1150	P. PL. 1A & 1B (L-5)
BIOLOGY (L-6)	850				2		13		13		14			12	450			
		800			2		15		15		16			12		900		GEN. SCIENCE (L-3)
			1050		4		17		17		18			12			450	
	450				3		19		19		20			12	450			
		450			3		21		21		22			12		800		BIOL. (L-6)
			450		3		23		23		24			12			250	ITAL. & SPACE
SPACE							25		25		26							SPACE
							27		27		28							
							29		29		30							
							31		31		32							
							33		33		34							
							35		35		36							
							37		37		38							
							39		39		40							
							41		41		42							
	2850	4150	2450														9450	9450

TOTAL: ΦA = 9450 W. ΦB = 9300 W. ΦC = 4900 W.
ΦA LTG & REC = 12,250 W. OR 45 A.

INSTALL 1 IMS 6" IN 18" H. SECTION AT TOP OF PNL. IMS. AN ON BIO. AQ.

PANEL "LB"

120/240 VOLTS, 3 PHASE, 4 WIRE

LOCATION CHEMISTRY [L-5] — 400 A. BUSSING

FEEDER "LB" — ENTER CAB'T. AT BOTTOM — MTG. SURF.

LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR		BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
PHYSICS (L-7)	1800			7			1	20/2	1	20/2	2			7	1650			G.C. (L-6)
		1200		7			3		3		4			6		1150		G.C. (L-7)
			1400	7			5		5		6			6			1150	G.C. (L-6)
PHYSICS A.P.	1400			7			7		7		8			6	900			P. OFFICE
CHEMISTRY (L-5)		1400		7			9		9		10			12		950		REC. ITM. (L-10) & (L-3)
CHEMISTRY (L-5)	1350			7			11		11		12			12	1400			SPACE
		1400		7			13		13		14			12		1400		SPACE
			1400	7			15		15		16			12			1400	SPACE
	1400			7			17		17		18			12	1400			SPACE
		1400		7			19		19		20			12		1400		SPACE
			1400	7			21		21		22			12			1400	SPACE
	1400			7			23		23		24			12	1400			SPACE
		1400		7			25		25		26			12		1400		SPACE
			1400	7			27		27		28			12			1400	SPACE
	1400			7			29		29		30			12	1400			SPACE
		1400		7			31		31		32			12		1400		SPACE
			1400	7			33		33		34			12			1400	SPACE
	1400			7			35		35		36			12	1400			SPACE
		1400		7			37		37		38			12		1400		SPACE
			1400	7			39		39		40			12			1400	SPACE
	1400			7			41		41		42			12	1400			SPACE
		1400		7			43		43		44			12		1400		SPACE
			1400	7			45		45		46			12			1400	SPACE
	1400			7			47		47		48			12	1400			SPACE
		1400		7			49		49		50			12		1400		SPACE
			1400	7			51		51		52			12			1400	SPACE
	1400			7			53		53		54			12	1400			SPACE
		1400		7			55		55		56			12		1400		SPACE
			1400	7			57		57		58			12			1400	SPACE
	1400			7			59		59		60			12	1400			SPACE
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			1400	7			63		63		64			12			1400	SPACE
	1400			7			65		65		66			12	1400			SPACE
		1400		7			67		67		68			12		1400		SPACE
			1400	7			69		69		70			12			1400	SPACE
	1400			7			71		71		72			12	1400			SPACE
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	1400			7			77		77		78			12	1400			SPACE
		1400		7			79		79		80			12		1400		SPACE
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		1400		7			463		463		464			12		1400		SPACE
			1400	7			465		465		466			12			1400	SPACE
	1400			7			467		467		468			12	1400			SPACE
		1400		7			469		469		470			12		1400		SPACE
			1400	7			471		471		472			12			1400	SPACE
	1400			7			473		473		474			12	1400			SPACE
		1400		7			475		475		476			12		1400		SPACE
			1400	7			477		477		478			12			1400	SPACE
	1400			7			479		479		480			12	1400			SPACE
		1400		7			481		481		482			12		1400		SPACE
			1400	7			483		483		484			12			1400	SPACE
	1400			7			485		485		486			12	1400			SPACE
		1400		7			487		487		488			12		1400		SPACE
			1400	7			489		489		490			12			1400	SPACE
	1400			7			491		491		492			12	1400			SPACE
		1400		7			493		493		494			12		1400		SPACE
			1400	7			495		495		496			12			1400	SPACE
	1400			7			497		497		498			12	1400			SPACE
		1400		7			499		499		500			12		1400		SPACE
			1400	7			501		501		502			12			1400	SPACE
	1400			7			503		503		504			12	1400			SPACE
		1400		7			505		505		506			12		1400		SPACE
			1400	7			507		507		508			12			1400	SPACE
	1400			7			509		509		510			12	1400			SPACE
		1400		7			511		511		512			12		1400		SPACE
			1400	7			513		513		514			12			1400	SPACE
	1400			7			515		515		516			12	1400			SPACE
		1400		7			517		517		518			12		1400		SPACE
			1400	7			519		519		520			12			1400	SPACE
	1400			7			521		521		522			12	1400			SPACE
		1400		7			523		523		524			12		1400		SPACE
			1400	7			525		525		526			12			1400	SPACE
	1400			7			527		527		528			12	1400			SPACE
		1400		7			529		529		530			12		1400		SPACE
			1400	7			531		531		532			12			1400	SPACE
	1400			7			533		533		534			12	1400			SPACE
		1400		7			535		535		536			12		1400		SPACE
			1400	7			537		537		538			12			1400	SPACE
	1400			7			539		539		540			12	1400			SPACE
		1400		7			541		541		542			12		1400		SPACE
			1400	7			543		543		544			12			1400	SPACE
	1400			7			545		545		546			12	1400			SPACE
		1400		7			547		547		548			12		1400		SPACE
			1400	7			549		549		550			12			1400	SPACE
	1400			7			551		551		552			12	1400			SPACE
		1400		7			553		553		554			12		1400		SPACE
			1400	7			555		555		556			12			1400	SPACE
	1400			7			557		557		558			12	1400			SPACE
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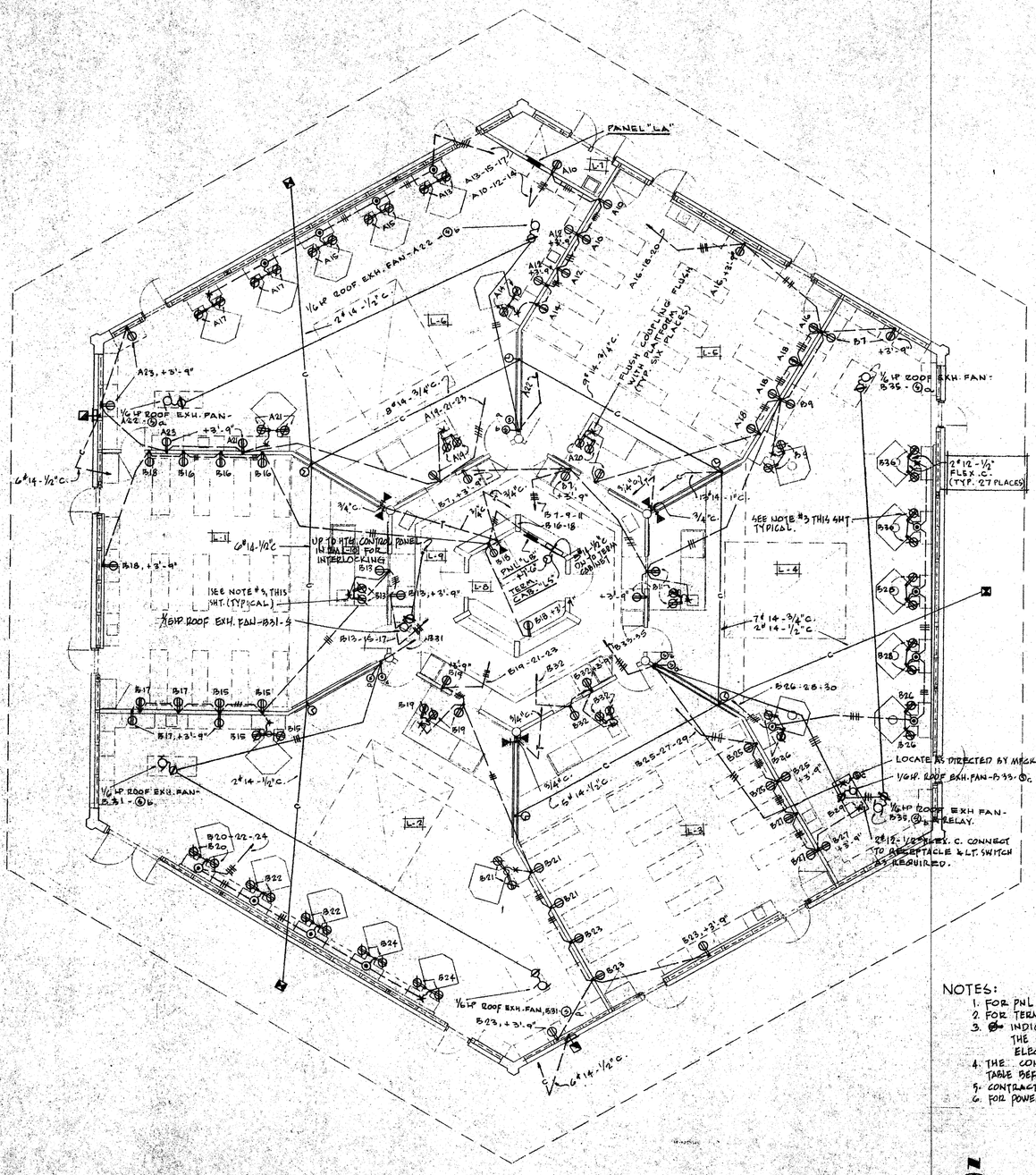
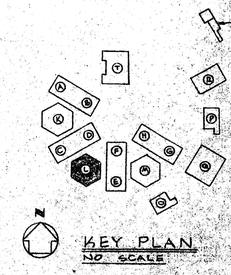
			1400	7			561		561		562			12			1400	SPACE
	1400			7			563		563		564			12	1400			SPACE
		1400		7			565		565		566			12		1400		SPACE
			1400	7			567		567		568			12			1400	SPACE
	1400			7			569		569		570			12	1400			SPACE
		1400		7			571



NOTES:

1. FOR PNL SCHEDULES OF "LA" & "LB", SEE SHT. E19.
2. FOR TERM. CABINET REQUIREMENT, SEE SCHEDULE SHT. E-11
3. ⊕ INDICATES GROUNDING TYPE 15A 120V DUPLEX CONVENIENCE OUTLET FURNISHED UNDER THE LAB EQUIPMENT SECTION OF THE SPECIFICATIONS AND CONNECTED UNDER THE ELECTRICAL SECTION OF THE SPECS.
4. THE CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL LAB TABLES AND DEMONSTRATION TABLE BEFORE INSTALLATION OF ANY ELECTRICAL WORK.
5. CONTRACTOR SHALL VERIFY EXACT LOCATIONS OF ALL ROOF EXH. FANS.
6. FOR POWER REQUIREMENTS TO MECH. EQUIPMENTS IN RM L-10, SEE ENLARGED PLAN, SHT. E 21.

POWER & SIGNAL PLAN - SCIENCE BLDG - UNIT "L"
SCALE: 1/8" = 1'-0"



KEY PLAN
NO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT | MECHANICAL ENGINEER | STRUCTURAL ENGINEER | ELECTRICAL ENGINEER | CIVIL ENGINEER

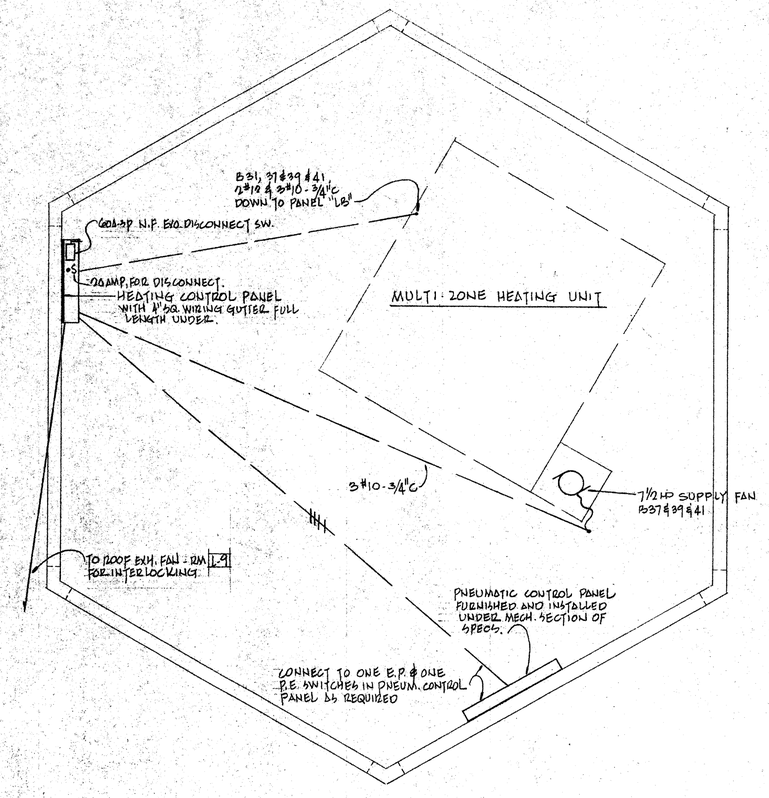
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE - ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPROVED
DATE
BY

POWER & SIGNAL PLAN - SCIENCE BLDG. - UNIT "L"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

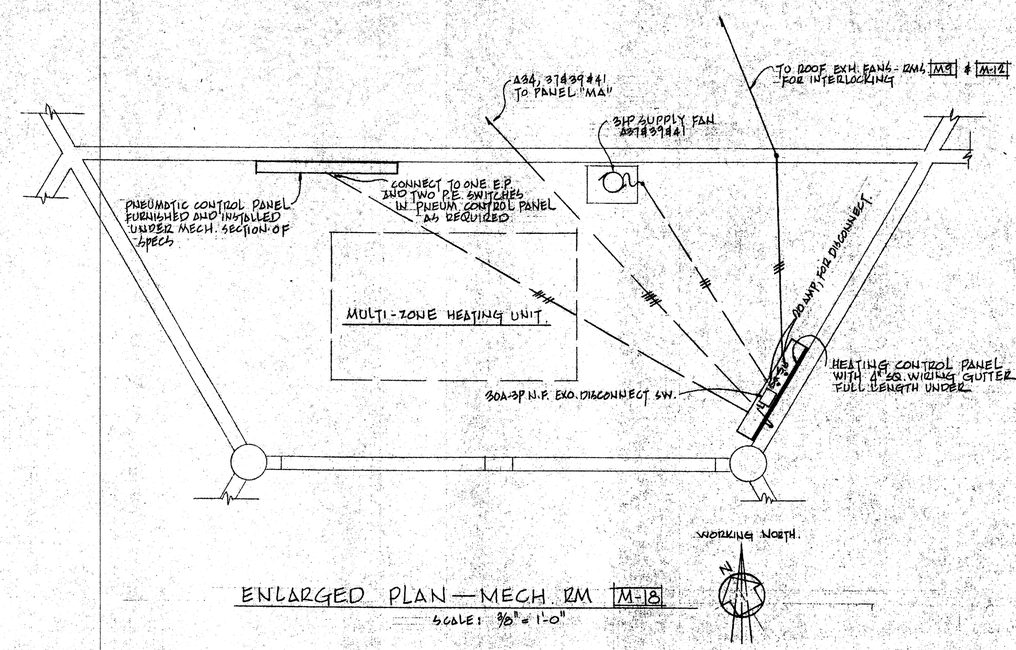
DATE JAN '59
DR. BY G.A.
CHECKED BY SMK
JOB NO. 56-71

SHEET NO. E20
OF 218 SHEETS



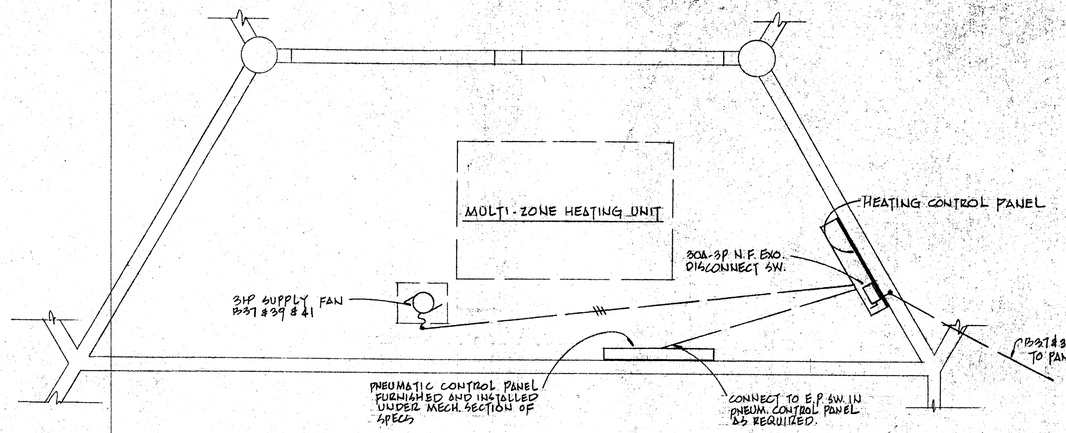
ENLARGED PLAN — MECH. RM. L-10

SCALE: 3/8" = 1'-0"



ENLARGED PLAN — MECH. RM. M-8

SCALE: 3/8" = 1'-0"



ENLARGED PLAN — MECH. RM. M-17

SCALE: 3/8" = 1'-0"

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

STRUCTURAL ENGINEER

MECHANICAL ENGINEER
ELECTRICAL ENGINEER
CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES
ARCHITECTURE – ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17852 APPROVED JUL 3 - 1959

ENLARGED PLANS - MECH. RMS. L-10, M-17 & M-18

LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE JAN 59
DR. BY P.H.L.
CHECKED BY
JOB NO. 56-71

SHEET NO. E21
OF 248 SHEETS

PWR. PANEL "MA-1"

LOCATION: ROOM 1M-5

FEEDER: ____ FROM: ____

MAIN & MISSING: ____

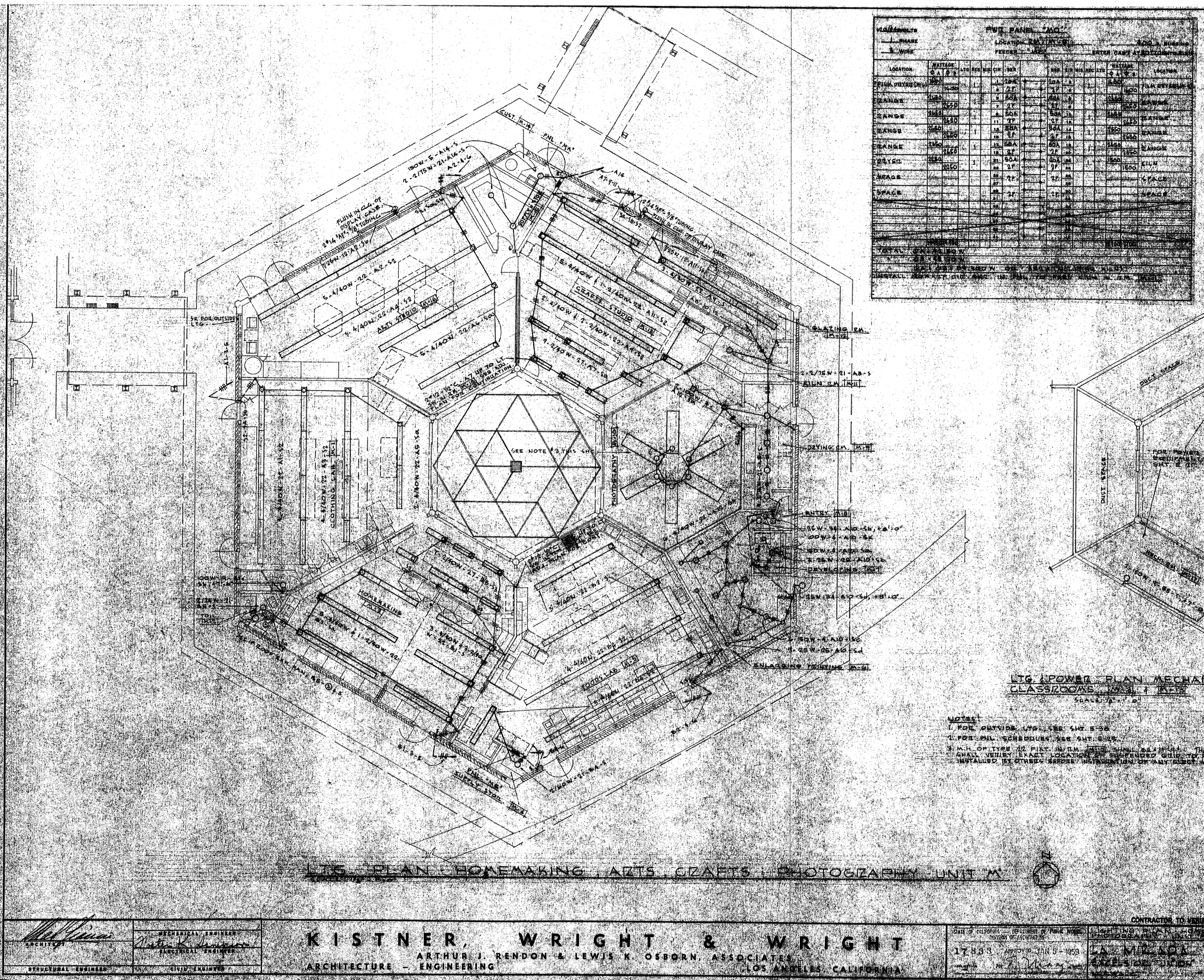
ENTER CABLE AT: BOTTOM/TOP/SIDE

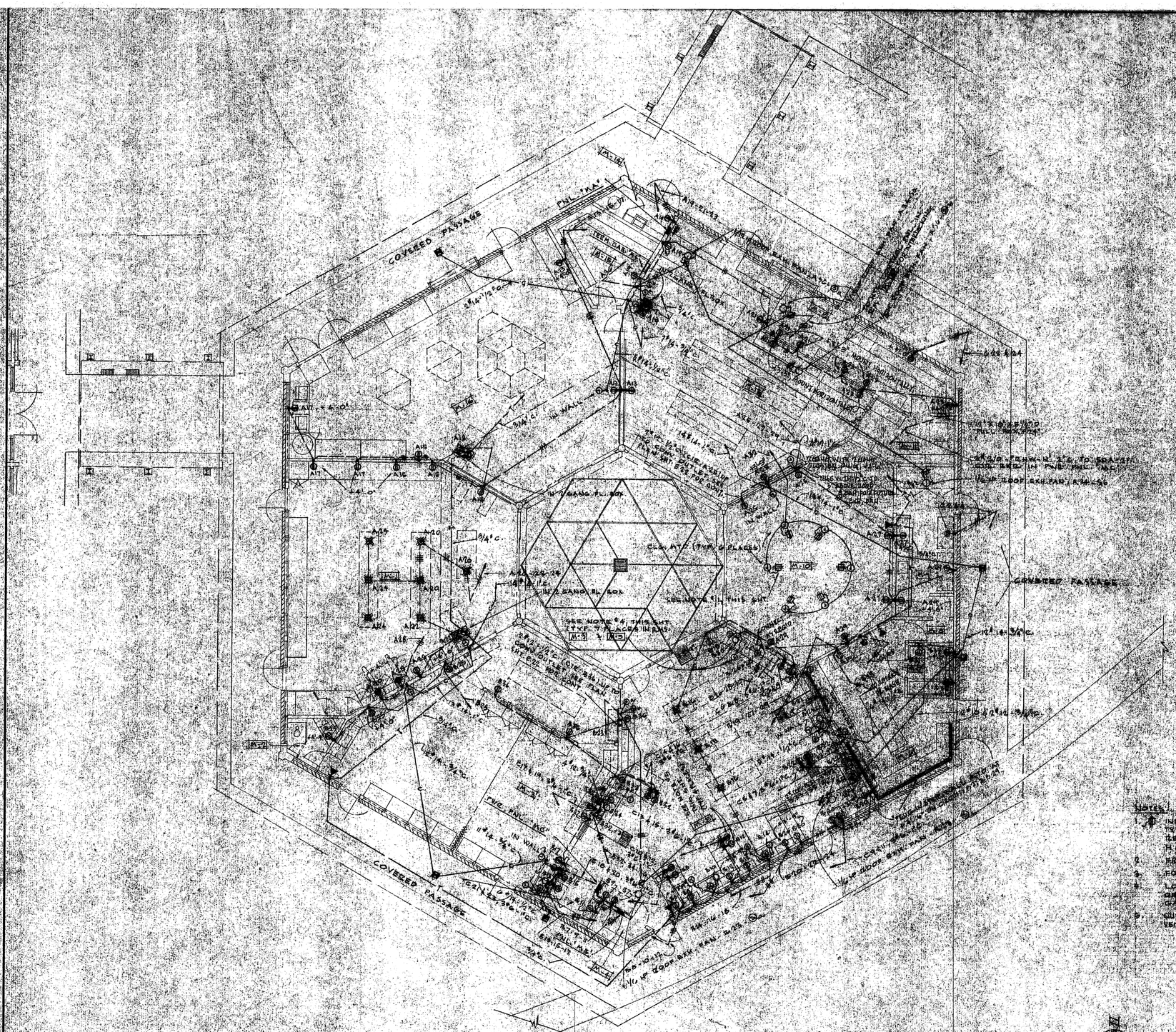
LOCATION	WATTAGE A	WATTAGE B	LTG	RCP	RSC	CIR	BKR		BKR	P/N	NEU	RSC	LTG	WATTAGE A	WATTAGE B	LOCATION
FRIG. DRYER (W.H.)	900					1	20A 1P		20A 1P					1200		
	1200	1650				3									1800	TILE RETRIEVER
RANGE	1200					5	50A 2P		20A 1P					1200		
		2650				7									1800	RANGE
RANGE	1450					9	50A 2P		50A 2P					1650		
		1650				11									2650	RANGE
RANGE	2650					13	50A 2P		50A 2P					2650		
		2650				15									2650	RANGE
RANGE	2650					17	50A 2P		50A 2P					2650		
		2650				19									2650	RANGE
KILN	2650					21	50A 2P		50A 2P					1800		
		2650				23									1800	KILN
SPACE						25	2P		2P							SPACE
						27										
SPACE						29	2P		2P							SPACE
						31										
						33										
						35										
						37										
						39										
						41										
						43										

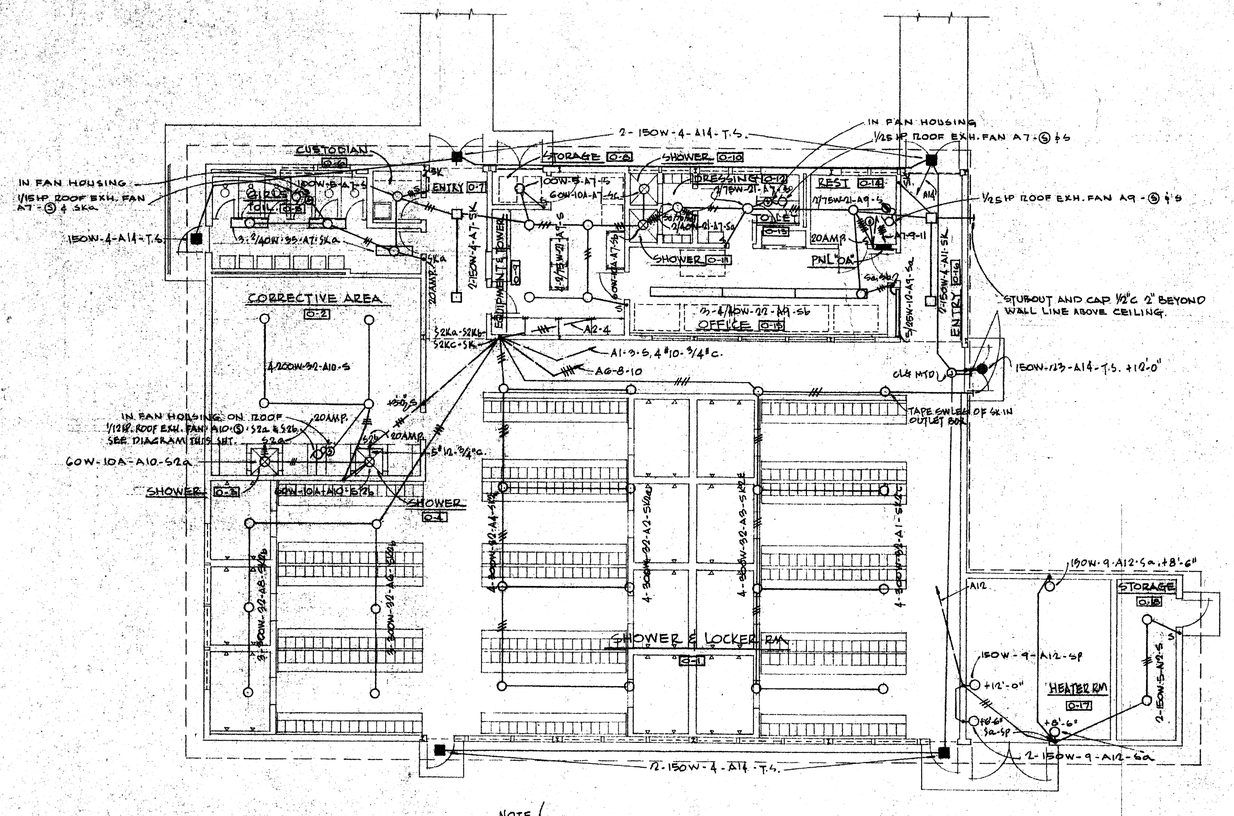
TOTAL: 27,650 WATTS
23.1 KILOWATTS

INSTALL 100A 3P BUS AND 3 SPACES FOR FUTURE KILN NO. 2 PER DETAIL

INSTALL 100A 3P CUC AND 3 SPACES FOR FUTURE KILN NO. 2 PER DETAIL


CUST. M-16
PNL. "MA"
A16
A17-9-11
2-2/15W-21-A16-S
A2-1-6
FURN IN CLG OF DISPLAY CASE
2#14 1#12 3/8" TUBING
11/26W-12-A2-56
5-4/40W-22-A2-52
4-4/40W-22-A4-52
ALT'S STUDIO M-18
5-4/40W-22-A6-60
2#12 1#10 3/4" TUBING
FURN IN CLG OF DISPLAY CASES
3-4/40W-22-A4-52
5-4/40W-22-A6-56
CRAFTS STUDIO M-19
2-4/40W & 2-2/40W-22-A4-52
2-2/40W-22-A5-52
2-4/40W & 2-2/40W-22-A4-52
2#12 1#10 3/4" TUBING
FURN IN CLG OF DISPLAY CASES
SEE NOTE 3 THIS SHT.
PHOTOGRAPHY M-20
2-2/15W-21-AB-S
KILN P.M. M-11
DRYING P.M. M-18
ENTRY M-18
10W-3-A10-56, +8'-0"
10W-3-A10-56
18W-3-A10-56
3-25W-25-A10-56, +8'-0"
DEVELOPING M-21
25W-24-A10-56, +8'-0"
3-25W-25-A10-56
3-25W-25-A10-56
ENLARGING PRINTING M-21
HOMEMAKING M-23
3-1/40W & 1-2/40W-22-A2-52
3-1/40W-22-A2-52
4-4/40W-22-A4-52
FOODS LAB. M-23
5-4/40W-22-A4-52
4-4/40W-22-A4-52
3-1/40W-22-A4-52
PNL. "MB" SURFACE STORE M-24
1/40W-21-BA-S
4-4/40W-22-A5-56
CLOTHING LAB. M-22
4-4/40W-22-A5-56
5-4/40W-22-A5-56
SEE NOTE 3 THIS SHT.
GLAZING P.M. M-18
2-2/15W-21-AB-S
KILN P.M. M-11
DRYING P.M. M-18
ENTRY M-18
10W-3-A10-56, +8'-0"
10W-3-A10-56
18W-3-A10-56
3-25W-25-A10-56, +8'-0"
DEVELOPING M-21
25W-24-A10-56, +8'-0"
3-25W-25-A10-56
3-25W-25-A10-56
ENLARGING PRINTING M-21
DOMESTIC ART M-24
CLOTHING M-22
TOILET M-24
45 LIN FEET 8 1/2 - RAN 88 - @ 1.5
3-1/40W & 1-2/40W-22-A2-52
3-1/40W-22-A2-52
4-4/40W-22-A4-52
5-4/40W-22-A4-52
4-4/40W-22-A4-52
3-1/40W-22-A4-52
4-4/40W-22-A5-56
5-4/40W-22-A5-56
4-4/40W-22-A5-56
5-4/40W-22-A5-56
4-4/40W-22-A5-56
5-4/40W-22-A5-56


COVERED PASSAGE
COVERED PASSAGE
CLG. HT'D (TYP. 6 PLACES)
SEE NOTE #4 THIS SHT. TYP. 7 PLACES IN RM.
SEE NOTE #4 THIS SHT.
16'-0" I.D. CURBED SAND PL. BOX
W.P. BOOM BOX
W.P. FLOOR BOX
W.P. FLOOR BOX
W.P. FLOOR

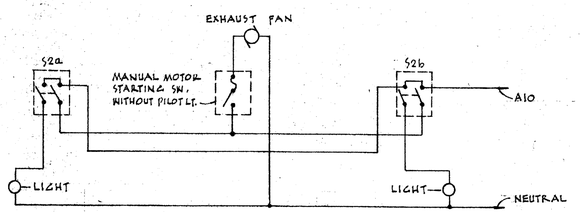


NOTE!
ALL TYPE S2 FIXTURES IN UNIT "O" SHALL BE WITH 6" LONG STEMS.

WORKING NORTH.

LIGHTING PLAN — GIRLS SHOWER & LOCKER BLDG. — UNIT "O"

SCALE: 1/8" = 1'-0"



WIRING DIAGRAM — SHOWER LIGHTS & FAN

NO SCALE

120/208 VOLTS
2 PHASE
4 WIRE

PANEL "OA"

LOCATION OFFICE O-15 — 200 A. BUSSING

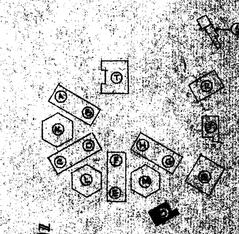
FEEDER "OA" — ENTER CAB'T. AT BOTTOM MTG. FLUSH

LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR		BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
BM(S) O-1	1200			4			1	20A/1P	1	20A/1P	2			4	1200			BM(A) O-1
		1200		4			3		2		4			4		1200		
FUTURE O-1			1200	(4)			5		3		6			3			900	
DUPLEX'S 8, 10-18	1950				9		7		4		8			3	900			
O-9, 14, 15		1625			9	1	9		5		10	1		2		1584		O-9, 14, 15
DUPLEX AND FUTURE			1900	(4)	(1)		11		6		12			6			900	DUPLEX AND FUTURE
O-13, 16, 17	600			4			13		7		14	1		4	960			O-13, 16, 17
O-5, 6, 7, 9, 12		750		5			15		8		16			4			600	FUTURE (THIS SHT.)
WASH. MACHINE			950	1			17	15A/1P	9		18							SPACE
EXH. FANS	1200						19	20A/1P	10		20							SPACE
SPARE		800					21		11		22							SPACE
SPARE	800		800				23		12		24							SPACE
BOILER ROOM		800				1	25	20A/1P	13		26							SPACE
SPACE			800				27	20A/1P	14		28							SPACE
3/4 HP SUPPLY FAN & 1/2 HP H.W. PUMPS	1750	1750	1750			3	29	30A/3P	15	30A/3P	30							SPACE
							31		16		32							
							33		17		34							
							35		18		36							
							37		19		38							
							39		20		40							
							41		21		42							
	6400	6275	6550												960	1584	900	

TOTAL ΦA = 9,360 W. ΦB = 9,109 W. ΦC = 9,100 W.

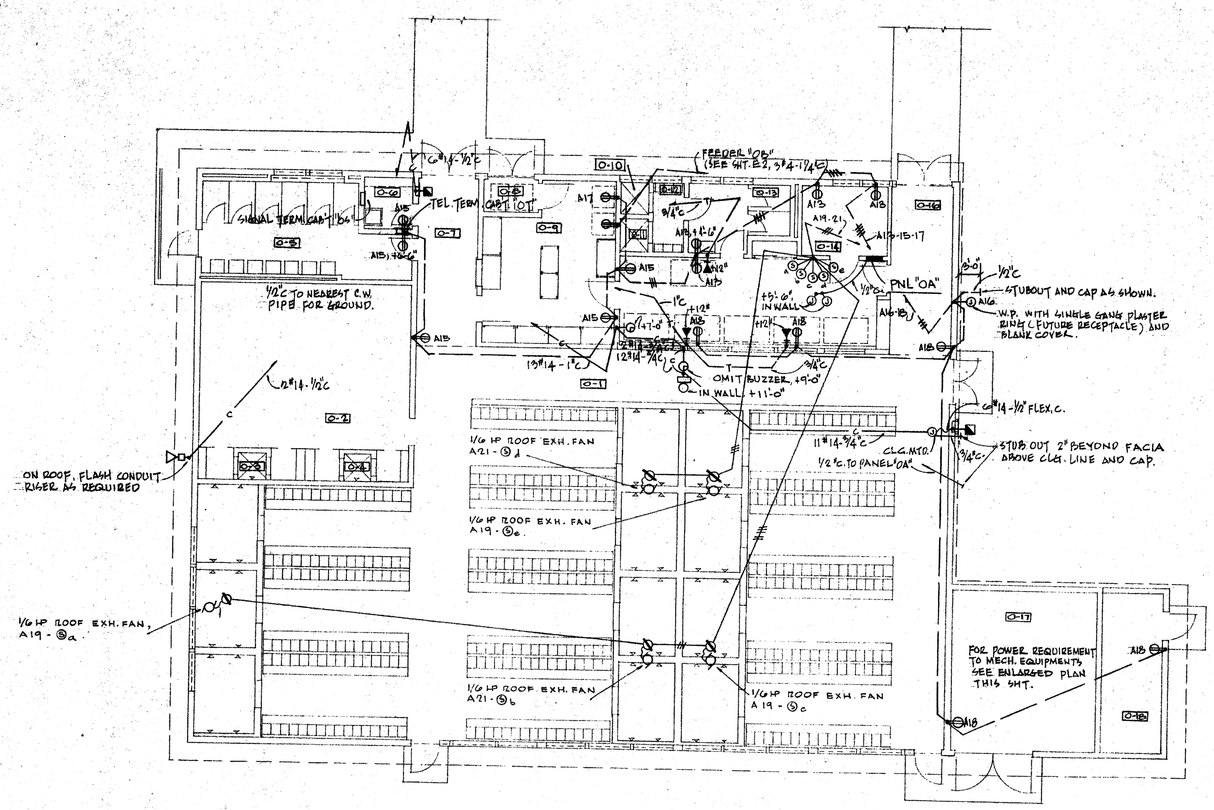
" ΦA, ΦB, ΦC = 26,569 W. OR 73.8 A.

LIGHTING TIME SWITCH IN 15" H. SECTION AT TOP OF PNL. TIME SW. ON CIRCUIT 4.



CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB.

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT	STATE OF CALIFORNIA DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE	LIGHTING PLAN-GIRLS S & L BLDG.-UNIT "O"	DATE JAN. 59
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES	17853 APPROVED JAN 5 1959	LA MIRADA HIGH SCHOOL	BY EWC
	CIVIL ENGINEER	ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA	BY E. Murray Asst.	EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	CHECKED EWC
					JOB NO. 54-14
					SHEET NO. E24



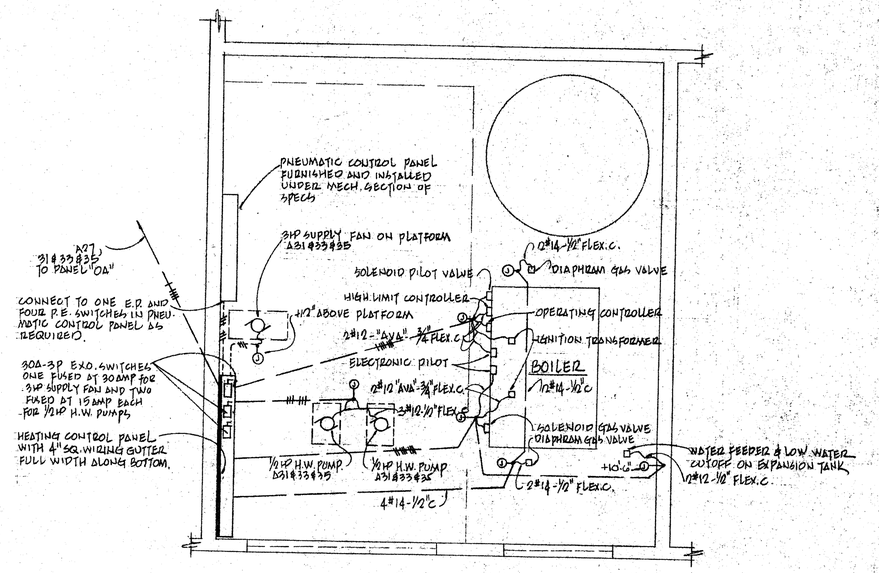
POWER & SIGNAL PLAN - GIRLS S. & L. BLDG. - UNIT "O"

SCALE: 1/8" = 1'-0"

WORKING NORTH

NOTES:

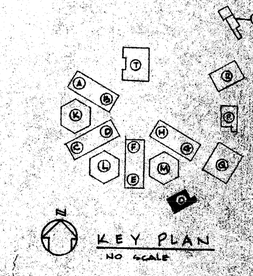
1. FOR PNL SCHEDULE, SEE SHT. E-24
2. FOR TERMINAL CABINET REQUIREMENTS, SEE SCHEDULE SHT. E-1.



ENLARGED PLAN - HTR. RM. O-17

SCALE: 3/8" = 1'-0"





CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE - ENGINEERING

LOS ANGELES, CALIFORNIA

STATE DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE

1959

POWER & SIGNAL PLAN - GIRLS S. & L. BLDG. - UNIT "O"

LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

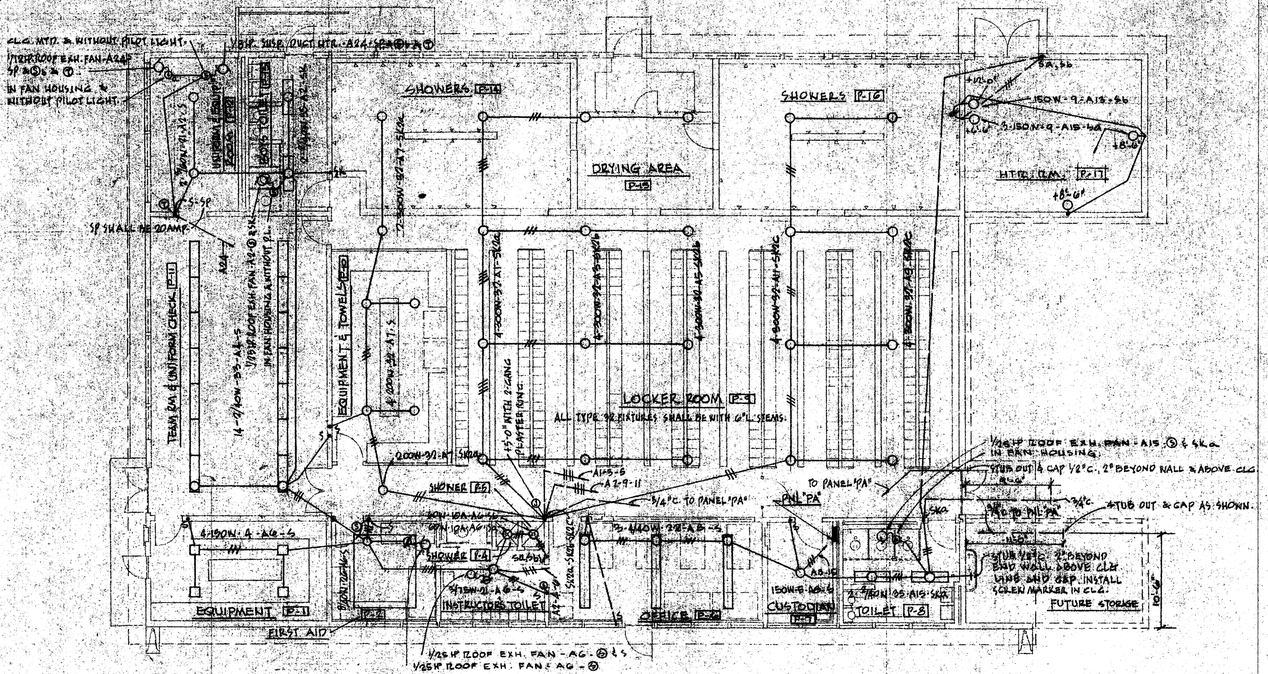
DATE: JAN. '59

DR. BY: E.H.L.

CHECKED BY:

JOB NO. 56-71

SHEET NO. E25



PANEL "PA"

LOCATION	WATTAGE			CKT. NO.					WATTAGE			LOCATION
	A	B	C						A	B	C	
SPACE				1				2				SPACE
SPACE				3				4				SPACE
SPACE				5				6				SPACE
SPACE				7				8				SPACE
SPACE				9				10				SPACE
SPACE				11				12				SPACE
SPACE				13				14				SPACE
SPACE				15				16				SPACE
SPACE				17				18				SPACE
SPACE				19				20				SPACE
SPACE				21				22				SPACE
SPACE				23				24				SPACE
SPACE				25				26				SPACE
SPACE				27				28				SPACE
SPACE				29				30				SPACE
SPACE				31				32				SPACE
SPACE				33				34				SPACE
SPACE				35				36				SPACE
SPACE				37				38				SPACE
SPACE				39				40				SPACE
SPACE				41				42				SPACE

TOTAL WATTAGE PER PHASE: A B C

INSTALL 1" MIN. SPACE IN 1" HIGH LETTERS AT EACH PANEL TO READ: PANEL PA FED FROM ...

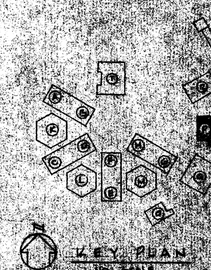
(1) INDICATES NO. FIXTURES CONTROLLED

LIGHTING PLAN - BOYS S. & L. BLDG. - UNIT "P" N

SCALE: 1/8" = 1'-0"

NOTES:

1. FOR OUTSIDE LTG. SEE PLAN, SHT. E-8B



KEY PLAN
NOT SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT | MECHANICAL ENGINEER | ELECTRICAL ENGINEER | STRUCTURAL ENGINEER | CIVIL ENGINEER

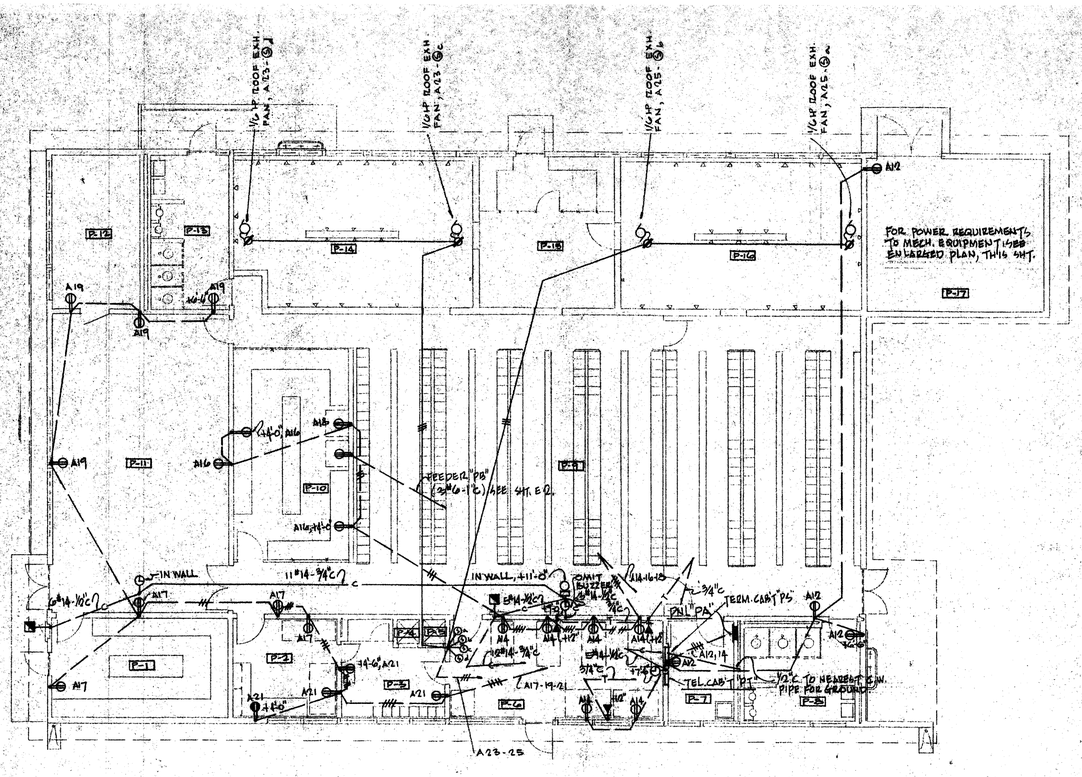
KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE - ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
17883 APPROVED NOV 5 1959
5 Mayo

LIGHTING PLAN BOYS S & L BLDG. - UNIT "P"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE JULY 59
SCALE 1/8" = 1'-0"
DRAWN BY ZMJ
CHECKED BY
JOB NO. 59-11

SHEET E26
of 248 SHEETS

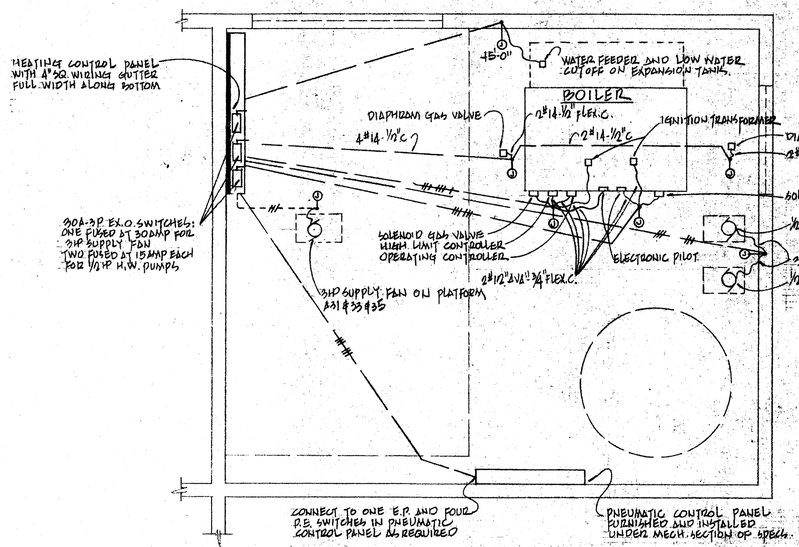


POWER & SIGNAL PLAN - BOYS S. & L. BLDG. - UNIT "P"

SCALE : 1/8" = 1'-0"

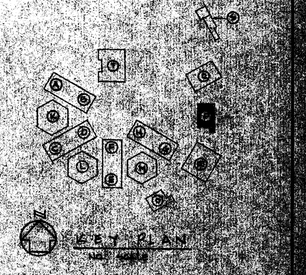
NOTES:

1. FOR PNL. SCHEDULE, SEE SHT. E-06
2. FOR TERMINAL CABINET REQUIREMENT, SEE SCHEDULE SHT. E-1



ENLARGED PLAN HTR. RM. P-17

SCALE : 3/8" = 1'-0"



CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER C-M

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE – ENGINEERING

LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE

17803 APPROVED JAN 5 - 1969 By S. Maynard

POWER & SIGNAL PLAN - BOYS S. & L. BLDG. - UNIT "P"

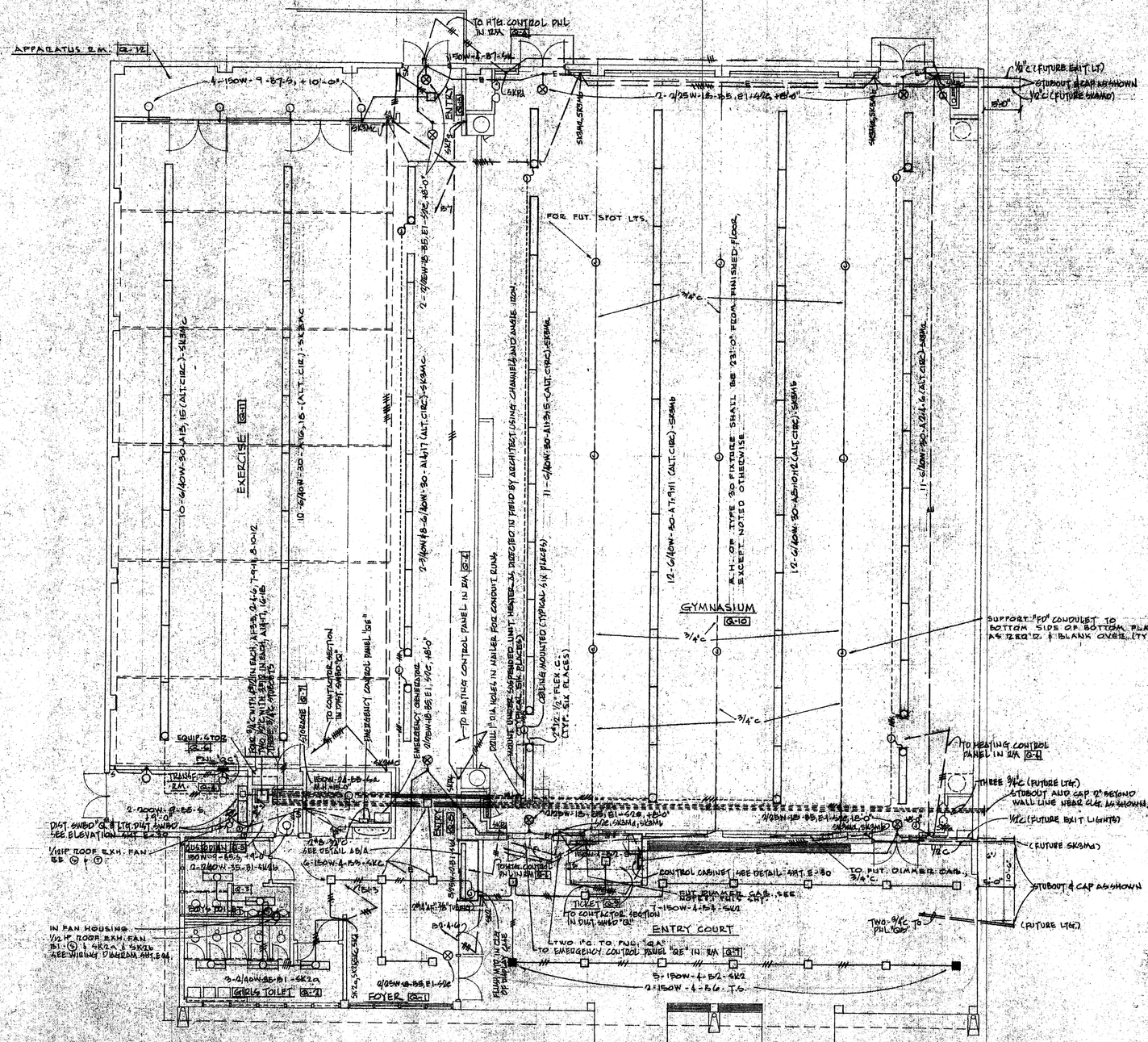
LA MIRADA HIGH SCHOOL

EXCELSIOR UNION HIGH SCHOOL DISTRICT

NORWALK, CALIFORNIA

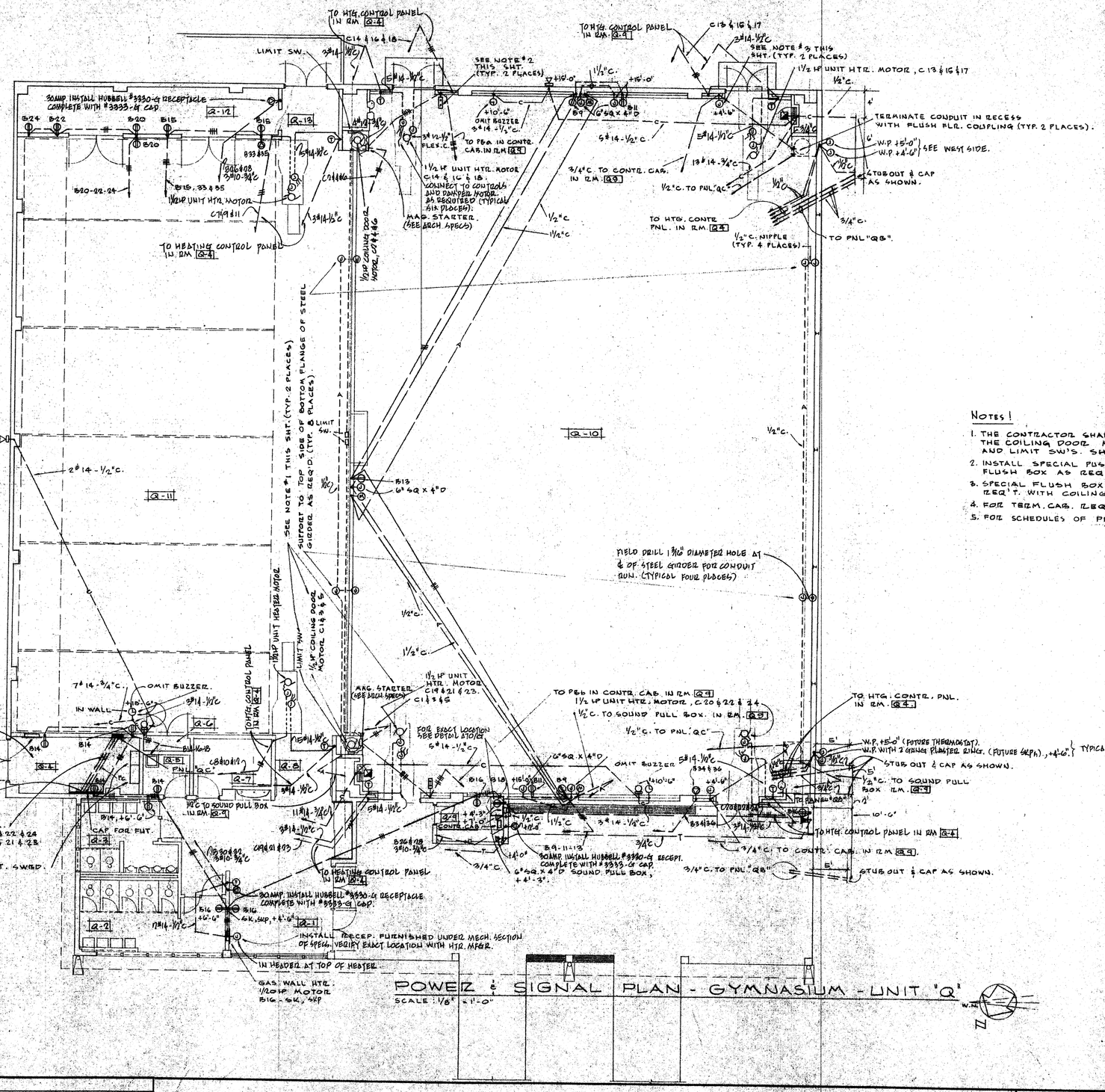
DATE JAN. 1969

SHEET NO. E27



PANEL "GC"

LOCATION	WATTAGE Ø A	Ø B	Ø C	SYS	NO	AM	CIR	BKR			BKR	CIR	NO	AM	SYS	WATTAGE Ø A	Ø B	Ø C	LOCATION
R.M. G-13	1000			4			1	20A	1	2	20A	2			4	800			
		900		4			3		3	4		4			4		900		
	1000			4			5		5	6		6			4			1000	
		1050		4			7		7	8		8			4		1050		
			1000	4			9		9	10		10			4			1000	
R.M. G-14	800			4			11		11	12		12			4	800			
		800		4			13		13	14		14			4		800		
			800	4			15		15	16		16			4			800	
BOYS TOILET G-8	1050			4			17		17	18		18			4	1050			
		1050		4			19		19	20		20			4		1050		
			1050	4			21		21	22		22			4			1050	
GIRLS TOILET G-7	1050			4			23		23	24		24			4	1050			
		1050		4			25		25	26		26			4		1050		
			1050	4			27		27	28		28			4			1050	



PANEL "QC"

208 VOLTS, 3 PHASE, 3 WIRE — LOCATION TRANSF. RM. Q-8 — 100 A. BUSSING — FEEDER "QC" — ENTER IN BOT. AT 8'-0" FROM WEST SIDE

LOCATION	WATTAGE ΦA	WATTAGE ΦB	WATTAGE ΦC	LTG	REC	MIS	CIR	BKR		BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	WATTAGE ΦB	WATTAGE ΦC	LOCATION
½ HP CEILING DOOR MOTOR	500					1	1	15A 3P	1 2 3	15A 3P	4 5 6					500		½ HP CEILING DOOR MOTOR
		500					2										500	
			500				3											500
1½ HP UNIT VENTILATOR	850					1	7	15A 3P	7 8 9	15A 3P	10 11 12	1			850			1½ HP UNIT VENTILATOR
		850					8									850		
			850				9										850	
1½ HP UNIT VENTILATOR	850					1	10	15A 3P	13 14 15	15A 3P	16 17 18				850			1½ HP UNIT VENTILATOR
		850					11									850		
			850				12										850	
1½ HP UNIT VENTILATOR	850					1	13	15A 3P	19 20 21	15A 3P	22 23 24	1			850			1½ HP UNIT VENTILATOR
		850					14									850		
			850				15										850	
FUT. CEILING DOOR	300					(1)	16	15A 3P	25 26 27	(1)	28 29 30				300			FUT. CEILING DOOR
		300					17									300		
			300				18										300	
FUT. UNIT HTR.	850					(1)	19	15A 3P	31 32 33	(1)	34 35 36				850			FUT. UNIT HTR.
		850					20									850		
			850				21										850	
6 PACS							22	3P	37 38 39	3P	40 41 42							6 PACS
							23											
							24											
	4000	4000	4000												4000	4000	4000	

TOTAL ΦA = 8000W ΦB = 8000W ΦC = 8000W

" ΦA & ΦB & ΦC = 24000W OR = 97A.

( ) INDICATES FUT. OUTLETS.

NOTES:

1. THE CONTRACTOR SHALL VERIFY EXACT LOCATION OF MAG. MOTOR STARTER AND LIMIT SW'S. WITH THE COILING DOOR MANUFACTURER BEFORE INSTALLATION OF ANY CONDUIT. MAG. MOTOR STARTER AND LIMIT SW'S. SHALL BE FURNISHED BY COILING DOOR MANUFACTURER & INSTALLED BY THIS CONTRACTOR.
2. INSTALL SPECIAL PUSH BUTTON STATION FURNISHED BY THE COILING DOOR MANUFACTURER IN SPECIAL FLUSH BOX AS REQ'D.
3. SPECIAL FLUSH BOX FOR SPECIAL PUSH BUTTON FOR FUT. COILING DOOR MOTOR. VERIFY EXACT REQ'T. WITH COILING DOOR MFGR.
4. FOR TERM. CAB. REQ'TS. SEE SHT. E-1
5. FOR SCHEDULES OF PNLS. "QA" & "QB" SEE SHT. E-25.

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

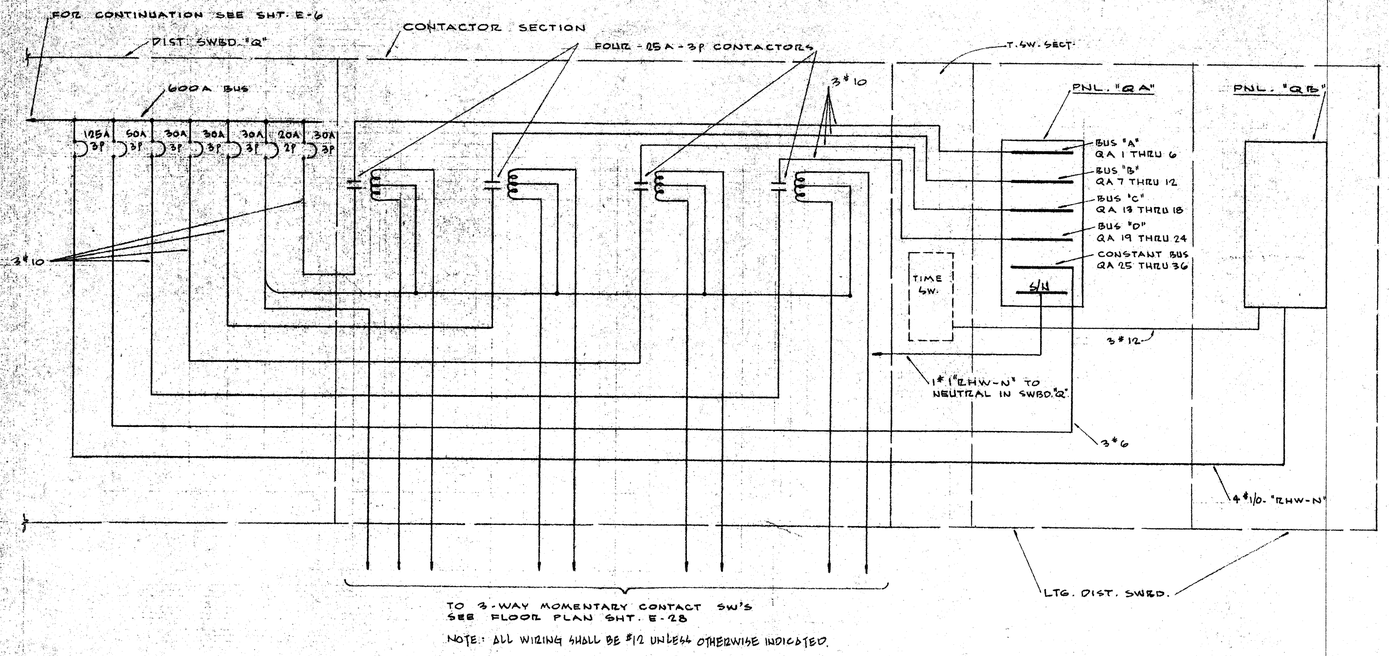
ARCHITECT — STRUCTURAL ENGINEER — MECHANICAL ENGINEER / ELECTRICAL ENGINEER — CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE - ENGINEERING
LOS ANGELES, CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE — APPROVED JAN. 5 - 1959

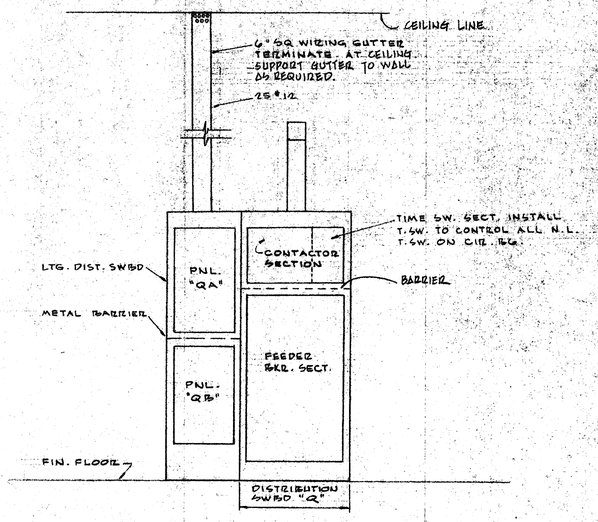
POWER & SIGNAL PLAN - GYMNASIUM - UNIT "Q"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK CALIFORNIA

DATE JAN. '59 — DR. BY BPL, GA — CHECKED BY SMK — JOB NO. 26-171 — SHEET NO. E29

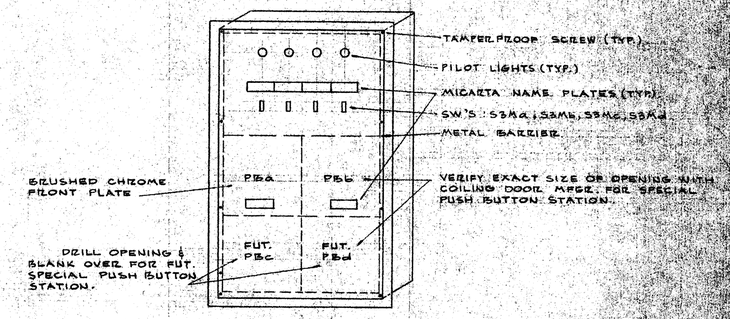


NOTE: ALL WIRING SHALL BE #12 UNLESS OTHERWISE INDICATED.

PARTIAL SINGLE LINE DIAGRAM OF SWBD. "Q" & GYM. LTG. CONTROL WIRING DIAGRAM



ELEVATION DISTR. SWBD. "Q" & LTG. DISTR. SWBD.
SCALE 1/2" = 1'-0"

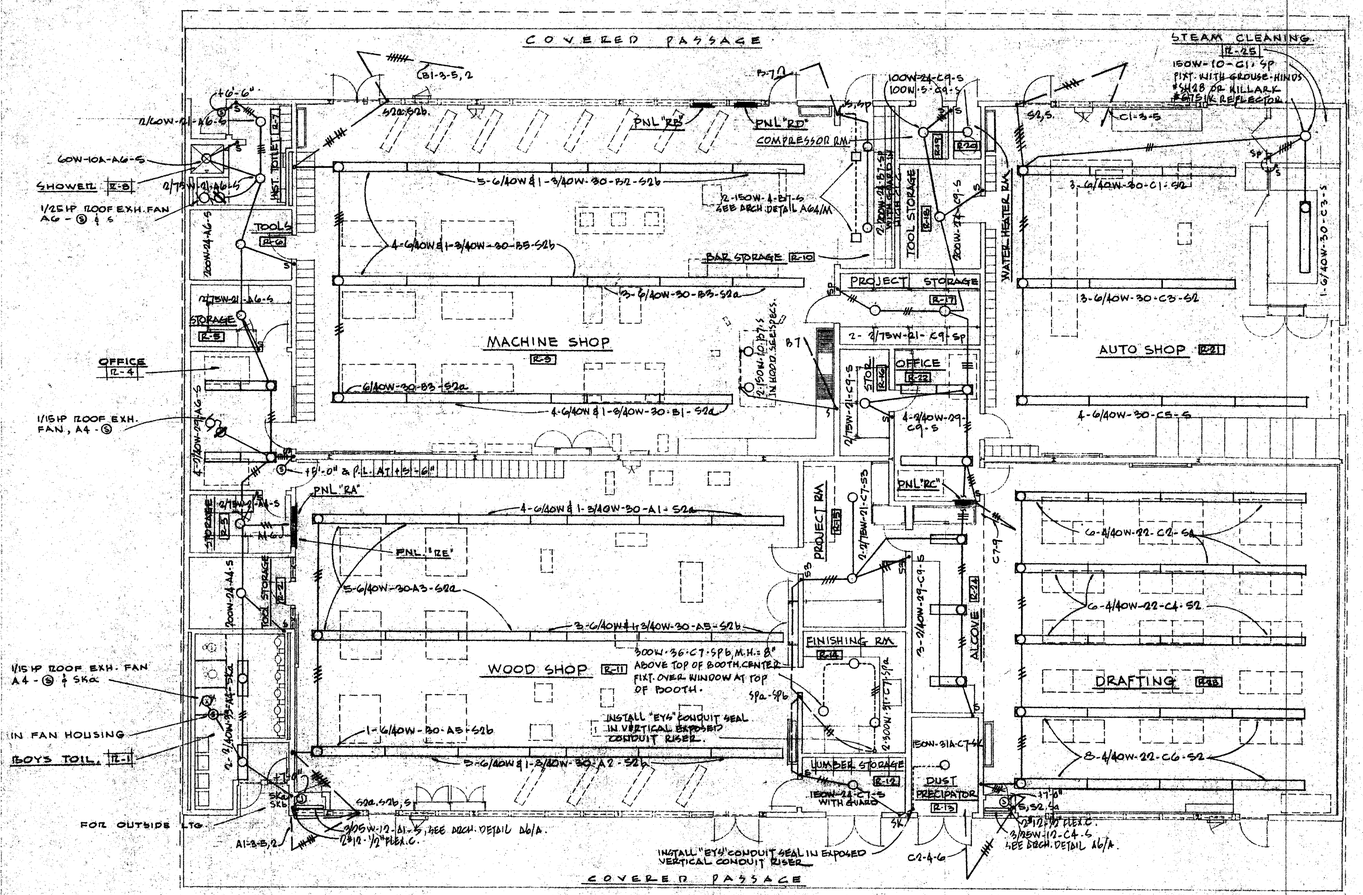


1. CONTROL CAB. SHALL BE 18"X30"X6"D. CONSTRUCTED OF CODE GAUGE SHT. STEEL WITH BRUSHED CHROME FRONT PLATE FOR FLUSH MTG.
2. FRONT PLATE SHALL BE INDEPENDENT FROM ALL ELECTRICAL DEVICES & SHALL BE REMOVABLE FROM CAB. WITHOUT DISTURBING PILOT LTS. & SW'S.
3. TAMPER PROOF SCREWS SHALL BE USED TO SCREW FRONT PLATE INTO PLACE.
4. ENGRAVE MICARTA NAME PLATES AS FOLLOWS:
   S3Ma - "GYM. LTS." S3Md - "EXERCISE LTS - SOUTH"
   S3Mb - "GYM. LTS." PBa - "COILING DOOR - NORTH-EAST"
   S3Mc - "EXRCISE LTS-NORTH" PBb - "COILING DOOR - NORTH-WEST"
5. PB INDICATES SPECIAL PUSH BUTTON SWITCH TO BE FURNISHED BY COILING DOOR MANUFACTURER AND INSTALLED BY THE CABINET FABRICATOR.

DETAIL CONTROL CABINET
NOT TO SCALE

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECT	MECHANICAL ENGINEER	KISTNER, WRIGHT & WRIGHT ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATES ARCHITECTURE - ENGINEERING LOS ANGELES, CALIFORNIA	STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS DIVISION OF ARCHITECTURE 17833 APPROVED JAN 5 - 1959	DETAILS GYM. - UNIT "Q" LA MIRADA HIGH SCHOOL EXCELSIOR UNION HIGH SCHOOL DISTRICT NORWALK, CALIFORNIA	DATE JAN '59 DR. BY BHL & GA CHECKED BY JOB NO. 56-71
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER CIVIL ENGINEER				SHEET NO. E30 OF 248 SHEETS



LIGHTING PLAN — SHOP BUILDING — UNIT "R"

SCALE: 1/8" = 1'-0"

NOTES:

1. ALL TYPE 30 FIXTURES IN THIS UNIT SHALL HAVE 18" LONG STEMS EXCEPT ONE FIXTURE AT NORTH-EAST CORNER OF RM. R-21 (WITHIN FENCED IN AREA) WHICH SHALL BE HORIZONTAL WITH 18"L. STEM AT SHORTEST SIDE.
2. FOR OUTSIDE LIGHTING SEE PLAN, SHT. E-38.

PANEL "RA"

120/208 VOLTS, 3 PHASE, 4 WIRE — LOCATION R.M. R-11 — 200 A. BUSSING — FEEDER "RA" — ENTER CAB'T. AT BOTTOM, MTG. FLUSH

LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR			BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
R.M. R-11	425			6			1	20AP			20AP	2			6	1040			R.M. R-11
		1500		5			3					4			4		1250		R.M.S. 12,13
P.N.L. & T.S.E.	800			8			5					6			8			450	R.M.S. 15,16,17,18
OUTSIDE LTG.		1200		6(1)			7					8							ELECT. WALL UNIT
R.M.S. 19 & 27			500		2	2	9				15AP	10						800	SPACE
R.M.S. 20, 21, 22	750				8		11					12							
1/3 HP EXH. FAN		700					13	15AP				14							SPACE
1/3 HP EXH. FAN			700				15					16							
	400						17	15A				18							
1 HP HTR. FAN		400					19	3P				20				650			1/3 HP HTR. FAN
R.M. R-27			400				21					22					650		R.M. 12-20
R.M. R-11	500				2		23	20AP			20AP	24				800			SPACE
R.M. R-11		500			2		25					26					800		
SPACE			800				27					28						800	
1/2 HP ROUTER	450					1	29	15A				30				950			1/3 HP. HTR FAN
		450					31	2P				32	1				950		
1/2 HP SHAPER	450					1	33	15A				34							
			450				35	2P				36							SPACE
SPACE							37	3P				38							SPACE
							39					40							
							41					42							
	4700	4650	4200													6450	6850	6200	

TOTAL ΦA = 10,150 W ΦB = 9,500 W ΦC = 7,400 W
" ΦA & ΦB & ΦC = 26,130 W OR 126 A.

(-) INDICATES FUT. OUTLETS
INSTALL TIME SW. IN "B" HIGH SECT. AT TOP OF PNL. TIE ON C(12,14)
INSTALL 50A-3P "F" FRAME SKD. WITH SHUNT TRIP IN PNL. TO CONTROL SPLIT BUS.

CONSTANT BUS / SPLIT BUS

PANEL "RB"

120/208 VOLTS, 3 PHASE, 4 WIRE — LOCATION MACHINE SHOP R-5 — 200 A. BUSSING — FEEDER "RB" — ENTER CAB'T. AT BOTTOM, MTG. FLUSH

LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR			BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
R.M. R-9	1350			6			1	20AP			20AP	2			4	660			R.M. R-9
		1200		4			3				15AP	4					700		V-1 & V-2 & EXH. FAN
			1350	5			5					6						450	ROOF EXH. FANS
R.M. R-10	1000			6			7					8							SPACE
1/3 H.P. EXH. FAN		700				1	9	15AP				10							
			700			1	11					12							
SPACE							13	3P				14							SPACE
							15					16							
							17					18							
R.M. R-14	500				2		19	20AP			20AP	20				800			PUNCH PANEL
SPACE		800					21					22					800		SPACE
SPACE			800				23					24						800	
SPACE	800						25					26				800			SPACE
		800					27					28					800		
			800				29					30						800	
1/2 HP BUFFER	450					1	31	15A				32				450			1/2 HP MILLING
		450					33	2P				34	1				450		MACHINE
1/2 HP GRINDER	450					1	35	15A				36				450			1/2 HP DRILL
		450					37	2P				38					450		PRESS
1/2 HP BUFFER	450					1	39	15A				40				450			1/2 HP DRILL
			450				41	2P				42					450		PRESS
SPACE		450					43	15A				44					450		SPACE
			450				45	2P				46						450	
	4350	4650	3750													6150	6850	2250	

TOTAL ΦA = 8,000 W ΦB = 9,500 W ΦC = 6,000 W
" ΦA & ΦB & ΦC = 23,500 W OR 113 A.

INSTALL 50A-3P "F" FRAME SKD. WITH SHUNT TRIP IN PNL. TO CONTROL SPLIT BUS.

CONSTANT BUS / SPLIT BUS

PANEL "RC"

120/208 VOLTS, 3 PHASE, 4 WIRE — LOCATION OFFICE R-20 — 200 A. BUSSING — FEEDER "RC" — ENTER CAB'T. AT BOTTOM, MTG. FLUSH

LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR			BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
R.M. R-21	1050			6			1	20AP			20AP	2			6	1040			R.M. R-23
		1200		6			3					4			7		1250		R.M.S. 12,13
			1200	6			5					6			8			1250	
R.M.S. 12, 13, 14, 15, 24, 25	1500			7			7					8	1		8			450	R.M.S. 15,16,17,18
R.M.S. 16, 17, 18, 19, 20, 22		1350		15			9					10							ELECT. WALL UNIT
R.M. 23			450		3		11					12					450		R.M.S. 23,24,25
EXH. FAN & LIGHTS	950				3		13					14			1000				PUNCH PANEL
EXH. FAN & LIGHTS		750			2		15					16	1			700			R.M.S. 21 & 22
F.M.'S 25			700				17	30AP				18					800		R.M. 26
SPACE							19					20							SPACE
							21					22							
AUTO SHOP	300				2		23	30AP			20AP	24				800			SPACE
AUTO SHOP		300			2		25	20AP				26					800		
"			450		5		27					28						800	
1/2 HP LATHE	450					1	29	15A				30							SPACE
		450					31	2P				32							
1/2 HP ARBOR PRESS	450					1	33	15A				34							SPACE
			450				35	2P				36							
1/2 H.P. DRILL PRESS	450					1	37	15A				38							SPACE
		450					39	2P				40							
			450				41	15A				42							SPACE
	4700	4650	3700													8800	8650	8650	

TOTAL ΦA = 9500 W ΦB = 7,800 W ΦC = 7,350 W
" ΦA & ΦB & ΦC = 23,650 W OR 66A.

INSTALL 50A-3P "F" FRAME SKD. WITH SHUNT TRIP IN PNL. TO CONTROL SPLIT BUS.

CONSTANT BUS / SPLIT BUS

FEED "RA" MACHINE SHOP R-5 (LOC.)

PANEL "RA" 208 V., 3 Φ, 3 W., 100 A. BUSSING

CIR'S. NO.	NO. OUTLETS	BKR. SIZE	WATTS	CONTROLLING
1	1	15A-3P	1100	3/4 HP LATHE
2	1		1100	
3	1		1100	
4	1		1100	
5	1		1100	
6	1		1100	
7	1		1100	
8	1		1100	
9	1		2000	1 1/2 HP SHAPER
10	1		800	1/2 HP RACK SAW
11	1		1100	3/4 HP LATHE
12	1		1100	3/4 HP LATHE
13			1100	SPARE
14			1100	SPARE

TOTAL: 16,000 W OR 44 A @ 208 V., 3 Φ
INSTALL 75A-3P "F" FRAME SKE. WITH SHUNT TRIP IN PNL. TO CONTROL ENTIRE PNL.

FEED "RE" WOOD SHOP R-11 (LOC.)

PNL. "RE" 208 V., 3 Φ, 3 W., 200 A. BUSSING

CIR'C. NO.	NO. OUTL'S	BKR. SIZE	WATTS	CONTROLLING
1	1	15A-3P	1100	3/4 HP LATHE
2	1			
3	1			
4	1			
5	1	30A-3P	5700	5 HP PLANER
6	1	15A-3P	550	1/2 HP DUC. ANDER
7	1		550	1/2 HP GRINDER
8	1		1350	1 HP HOLLOW MAR. MACH
9	1		1350	1 HP BELT SANDER
10	1		2500	2 HP BAND SAW
11	1	30A-3P	5700	5 HP TABLE SAW
12	1	15A-3P	1100	3/4 HP JOINTER
13	1	15A-3P	550	1/2 HP DRILL PRESS
14	1	70A-3P	10,500	DUST COLLECTOR

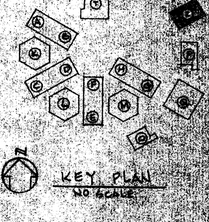
TOTAL = 34,050 W OR 98 A. @ 208 V., 3 Φ
INSTALL 150A-3P CIR. BKR. WITH SHUNT TRIP IN PNL. TO CONTROL ENTIRE PNL.

FEED "RF" OFFICE R-20 (LOC.)

PNL. "RF" - 208 V., 3 Φ, 3 W., 100 A. BUSSING

CIR'S. NO.	NO. OUTL'S	BKR. SIZE 4/24	WATTS	CONTROLLING
1	1	15A-3P	1350	HTR. FAN R-20 1/3 HP
1			1350	R-23, 1/3 HP
3	1		1350	R-23, 1/3 HP
4	1		800	EXH. FAN R-21
5	1	20A-3P	5450	5 HP COMPRESSOR
6	1	15A-3P	800	EXH. FAN R-21 & 1/3 HP
7			900	SPARE
8			900	SPARE

TOTAL = 12,100 W OR 34 A. @ 208 V., 3 Φ



CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

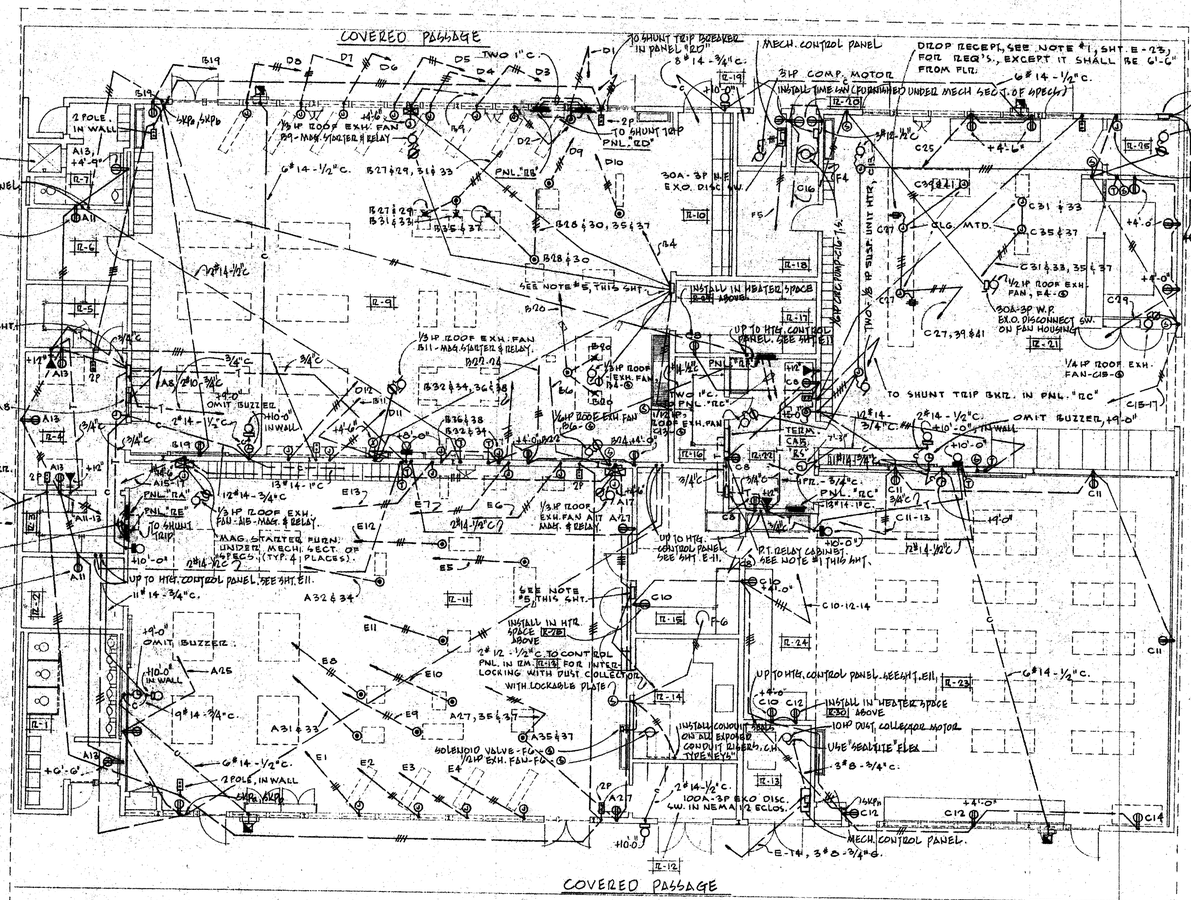
ARCHITECT — MECHANICAL ENGINEER — STRUCTURAL ENGINEER — ELECTRICAL ENGINEER — CIVIL ENGINEER

KISTNER, WRIGHT & WRIGHT
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES
ARCHITECTURE — ENGINEERING
LOS A[illegible] CALIFORNIA

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
17 [illegible] 1959
[illegible]

LIGHTING PLAN - SHOP BLDG. - UNIT "R"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
NORWALK, CALIFORNIA

DATE JAN. 59 — SHEET NO. E31 — DRAWN BY E.M.A. — CHECKED BY [illegible] — JOB NO. 56-71 — 08213 SHEET


COVERED PASSAGE
TO SHUNT TRIP BREAKER IN PANEL "RD"
MECH. CONTROL PANEL
3HP COMP. MOTOR
DROP RECEPT. SEE NOTE #1, SHT. E-23 FOR REQ'S., EXCEPT IT SHALL BE 6'-0" FROM FLR.
FEEDER "2G" (3#2 "RHW-N" 1 1/2"C.)
SEE SHT. E-12
18"X18"X6"D. WEATHERPROOF PULL BOX. +1'-0"
1/6HP ROOF EXH. FAN-CIS.
C17, +4'-0". "FD" CONDULET & CROUSE HINDS #EXF11 EXTENSION, BOTH FLUSH & WITH CAST COVER AND GASKET.
3#2-"RHW-N"-1 1/2"C.
2 POLE, IN WALL
1/3HP ROOF EXH. FAN RR-MAG. STARTER & RELAY
UP TO HTG. CONTROL PANEL SEE SHT. E-11.
INSTALL IN HEATER SPACE
P.T. RELAY CAB: A11 SEE NOTE #1 THIS SHT.
ELECT. WALL HTR., A8
TO SHUNT TRIP BKR. IN PANEL "RE"
TWO - 1"C. NIPPLE
INSTALL IN HEATER SPACE
PNL. "RA"
PNL. "RE"
TO SHUNT TRIP
1/3HP ROOF EXH. FAN-NB-MAG. & RELAY.
MAG. STARTER FURN. UNDER MECH. SECT. OR WITHIN 5'-0" (TYP. 4 PLACES).
UP TO HTG. CONTROL PANEL SEE SHT. E-11.
OMIT BUZZER
A25
A31 & 33
A27, 35 & 37
A35 & 37
SOLENOID VALVE - FO-
1/2HP EXH. FAN - FO-
A12
2 POLE, IN WALL
EXTRA VALVE
A32 & 34
SEE NOTE #5 THIS SHT.
INSTALL IN HTR. SPACE
2#12 - 1/2"C. TO CONTROL PNL. IN RM.
LOCKING WITH DUST COLLECTOR WITH LOCKABLE PLATE
UP TO HTG. CONTROL PANEL SEE SHT. E-11.
INSTALL CONDUIT STUBS AND EXPOSED CONDUIT RUNS ON CH. TYP. 4 PLACES
10HP DUST COLLECTOR MOTOR
U4E "SEALTITE" FLEX
3#8 - 3/4"C.
100A-3P B.K.O. DISC. SW. IN NEMA 12 ENCLOS.
MECH. CONTROL PANEL.
E-14, 3#8-3/4"G.
TO SHUNT TRIP BKR. IN PNL. "RC"
PNL. "RC"
TERM. CAB. R4
P.T. RELAY CABINET SEE NOTE #1 THIS SHT.
OMIT BUZZER
1/2HP ROOF EXH. FAN
1/6HP ROOF EXH. FAN-CIB-
1/2HP ROOF EXH. FAN, F4-
30A-3P W.P. B.O. DISCONNECT SW. ON FAN HOUSING
1/6HP ROOF EXH. FAN-CIB-
INSTALL IN HEATER SPACE
(UP TO HTG. CONTROL PANEL. SEE SHT. E-11.)
1/3HP ROOF EXH. FAN B11-MAG. STARTER & RELAY.
1/6HP ROOF EXH. FAN
C25
C26 & 21
C16
C31 & 33
C35 & 37
C31 & 33, 35 & 37
C27, 39 & 41
C99
C15-17
C8
C11
C11-13
C10
C10-12-14
C12
C14
C12
F1
F2
F3
F4
F5
F6
THICK 3/8" BLEAF UNIT HTR. CHS.
CLG. MTD.
TYP. 4 PLACES
E1
E2
E3
E4
E5
E6
E7
E8
E9
E10
E11
E12
E13
E14
A1
A2
A3
A4
A5
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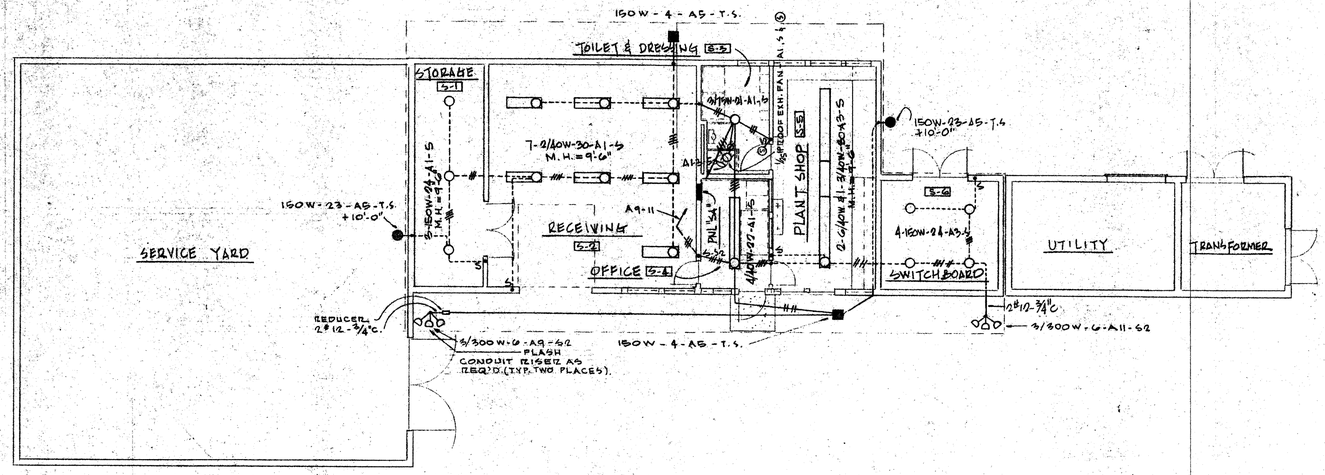
C40



LIGHTING PLAN - UTILITY BLDG.
UNIT "S"
SCALE 1/8" = 1'-0"

NORTH
WORKING

PANEL 'SA'

120/208 VOLTS, 3 PHASE, 4 WIRE
LOCATION OFFICE S-4
FEEDER 'SA'
LOC. A. BUSSING
ENTER CABT. AT BOTTOM INTO PANEL

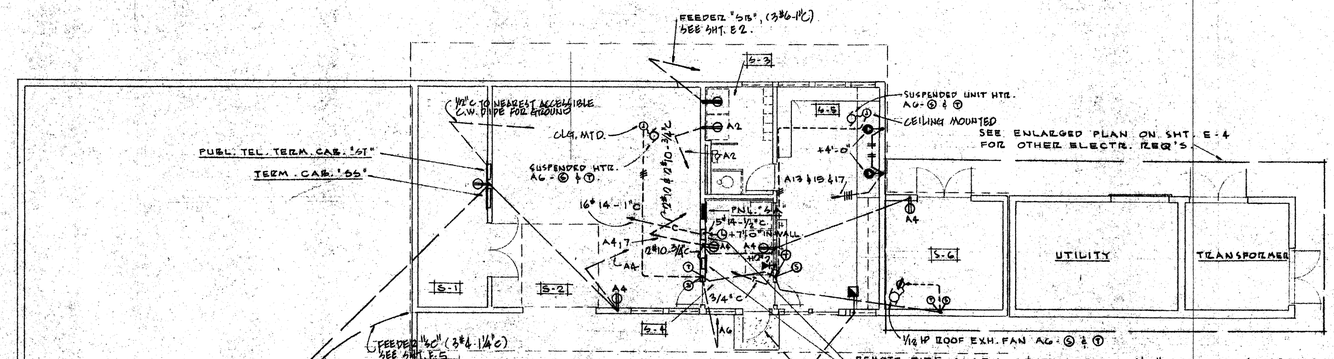
LOCATION	WATTAGE ØA	ØB	ØC	LTG	REC	MIS	CIR	BKR		BKR	CIR	MIS	REC	LTG	WATTAGE ØA	ØB	ØC	LOCATION
RMS. S1, 2, 3, 4	1725			12		1	1	20A/1P	1	15A/1P	2	5			500			WASHING MACH.
RMS. S5, 6		1350		7			2	1	3	15A/1P	4	5	25			150		RMS. S1, 2, 3, 4
N.L. & T.S.			650	4		1	3	1	5		6	5					150	RMS. S5, 6
RM. S4	1000				1		4	20A/1P	7		8				500			SPARE
FLOOD LT.		900		1			6	20A/1P	9		10					500		SPARE
			900	1			8	1	11		12						500	"
	500						10		13		14							
RM. S5		500			2		12	20A/1P	15	50A/2P	16							SPACE
			500				14		17		18							
							16		19		20							
							18		21		22							
							20		23		24							
							22		25		26							
							24		27		28							
							26		29		30							
							28		31		32							
							30		33		34							
							32		35		36							
							34		37		38							
							36		39		40							
							38		41		42							

4025 4760 4075

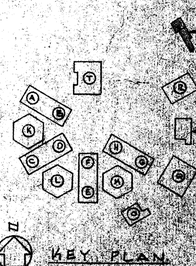
ØA: 15025W, ØB: 8500W, ØC: 8300W
TOTAL: 31825W OR 81 A.

INSTALL TIME SW. IN 18" HIGH SECTION AT TOP OF PNL. (T.S. ON AE)

NOTES!
1. FOR TERM. CAB. REQ'T. SEE SCHEDULE, SHT. E-1



POWER & SIGNAL PLAN - UTILITY BLDG. - UNIT "S"
SCALE: 1/8" = 1'-0"



CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ARCHITECTS	MECHANICAL ENGINEER / ELECTRICAL ENGINEER	
STRUCTURAL ENGINEER	CIVIL ENGINEER	

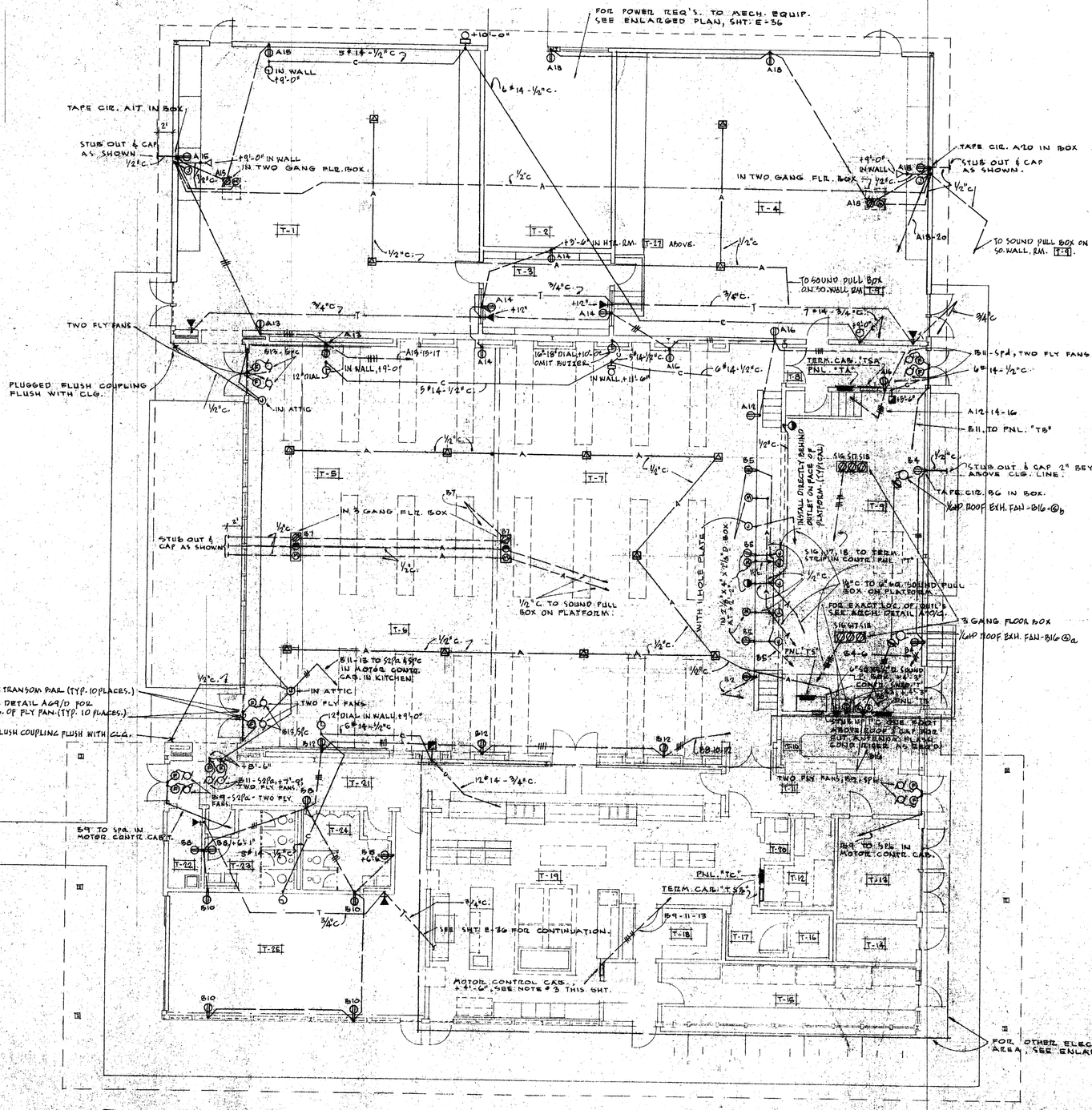
KISTNER, WRIGHT & WR...
ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIAT...
ARCHITECTURE - ENGINEERING
...TO...

STATE OF CALIFORNIA — DEPARTMENT OF PUBLIC WORKS — DIVISION OF ARCHITECTURE
...JAN ... 19...

ELECTRICAL PLANS - UTILITY BLDG. - UNIT "S"
LA MIRADA HIGH SCHOOL
EXCELSIOR UNION HIGH SCHOOL DISTRICT
CALIFORNIA

DATE JAN '59
DRAWN BY P. [illegible]
CHECKED BY [illegible]
JOB NO. EC-71

SHEET NO. E33
OF [illegible] SHEETS



POWER & SIGNAL PLAN - MULTI-PURP., MUSIC & CLASSRM. BLDG - UNIT 'T'

SCALE: ⅛" = 1'-0"

120/208 VOLTS
3 PHASE
4 WIRE

PANEL "TC"

LOCATION KITCHEN T-15 — 200 A. BUSSING.

FEEDER "TC" — ENTER CAB'T. AT BOTTOM. MTG. FLUSH

LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR
L.M.S. T-21, 23, 29	450			11			1	20A1P
L.M. T-28		1350		7			2	
L.M.S. T-11, 12, 15, 16			1450	9			1	2
" T-10, 16, 17	1050			5			2	4
" T-13, 15		1140		7			2	6
OUTSIDE LTS.			1050	5(2)			11	
M. L. & T.S.	1250			8			1	10
COKE MACHINE		550			1		1	15A-3P
EXH. FANS			400				1	20A-3P
CHG. PUMP & EXH. FN.	800						2	15A-3P
SALAD CHILLER		550					1	15A-1P
SALAD CHILLER			550				1	15A-1P
HOT FOOD UNIT	1400						1	30A 2P
		1400					1	30A 2P
HOT FOOD UNIT			1400				1	30A 2P
POP CORN MACHINE	1400						1	30A 2P
		2800			1			60A 2P
			1500				1	30A 2P
¾HP SUMP PMP.	450							15A 1P
		450					1	15A 1P
	1800	1940	1800					

BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
20A1P	2			9	1400			L.M. T-18
	4			7		1400		L.M. T-19
	6			5			1350	L.M. T-20
	8			3	1350			L.M. T-22
	10			3		1400		L.M. T-24
	12			3			1400	L.M. T-26
20A1P	14			1	550			SOUTH LTS.
	16			1		350		S.E. & S.W. LTS.
	18			1			400	S.E. & S.W. LTS.
	20			1	550			NORTH LTS.
	22			1		550		NORTH LTS.
30A-1P	24			1			700	MISC. CIR. TO ROOF
2P	26							4P DEE
	28							
2P	30							2P DEE
	32							
2P	34							4P DEE
	36							
	38				1400			
30A 2P	40					500		ON ¾HP SUMP PMP.
2P	42						1400	UNIT
					6800	7900	5550	

TOTAL ΦA = 11,600 W. ΦB = 11,840 W. ΦC = 11,150 W.

3 ΦA & ΦB & ΦC = 24,590 W OR 96 AMPS.

INSTALL TIME SW. IN 15" HIGH SECT. AT TOP OF PNL. T.S. SW. FOR C.I.B.

( ) INDICATES FUTURE OUTLETS.

120/208 VOLTS
3 PHASE
4 WIRE

PANEL "TS"

LOCATION PLATFORM T-9 — FOUR - 50A & ONE - 100 A. BUSSING

FEEDER "TS" — ENTER CAB'T. AT BOTTOM. MTG. FLUSH

LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR
L.M. T-9	1200			8			1	20A1P
		1200		8			3	
			1000 (2)				5	
	900			6			7	
		900		6			9	
			900	6			11	
L.M. T-7	600			4			13	
		600		4			15	
L.M. T-9			300	4		2	17	
L.M. T-7	1200			4			19	
		1200		4			21	
			1200	4			23	
L.M. T-5	1200			4			25	
		1200		4			27	
			1200	4			29	
L.M. T-5	1200			4			31	
		1200		4			33	
			1800	4			35	
SPACE							37	
							39	
							41	
	6300	6200	6800					

BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
20A1P	2			8	1200			L.M. T-9
	4			(1)		1050		
	6			(1)			900	
	8			6	900			
	10			6		900		
	12			6			900	
	14			4	600			L.M. T-7
	16		2			300		L.M. T-9
	18		2				540	L.M. T-7
	20			4	900			L.M. T-9
	22			4		1200		
	24			(4)	1400			PILOT LTS.
	26					800		4PDEE
	28						800	
	30				800			4PDEE
	32					800		
	34			(4)			1200	UNIT LTS.
	36			6	900			L.M. T-5 (1 PHASE)
	38					900		L.M. T-5
	40						1000	
2DA 2P	42			4	600			PILOT LTS.
						600		4PDEE
							600	
					6300	6200	6800	

TOTAL ΦA = 13,000 W. ΦB = 12,700 W. ΦC = 11,800 W.

3 ΦA & ΦB & ΦC = 37,500 W. OR 104 A.

(1) INDICATES FUT. OUTLETS.

SEE WIRING DIAGRAM ON SHT. E-37.

PANEL SHALL HAVE 3P-3P SUB-FEED BREAKER.

NOTES!

1. FOR TERM. CAB. REQ'T., SEE SCHEDULE SHT. E-1.
2. FOR SCHEDULES OF PNLS. "TA" & "TB" SEE SHT. E-34
3. MOTOR CONTROL CAB. SHALL BE IDENTICAL TO CONTROL CAB. DETAILED ON SHT. E-30, EXCEPT IT SHALL BE 18"W x 24"H x 4"D. INSTALL FOUR 20A. SINGLE SW'S. WITH PILOT LIGHTS & TWO 3P MANUAL MOTOR STARTER SW. WITH PILOT LTS. (MANUAL MOTOR STARTER SW. SHALL BE FURN. UNDER MECH. SECT. OF SPECS.) ENGRAVE SW. PLATES AS FOLLOWS:
   - S2fa - "FLY FANS - S.W. ENTRY"
   - S2fb - "FLY FANS - S.E. ENTRY"
   - S2fc - "FLY FANS - WEST-M.P. RM."
   - S2fd - "FLY FANS - N.E. ENTRY"
   - ⑤a - "RANGE EXH. FAN - NORTH"
   - ⑤b - "RANGE EXH. FAN - SOUTH"

KEY PLAN — N — NO SCALE

ARCHITECT	MECHANICAL ENGINEER	
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER	CIVIL ENGINEER

KISTNER, WRIGHT & ...

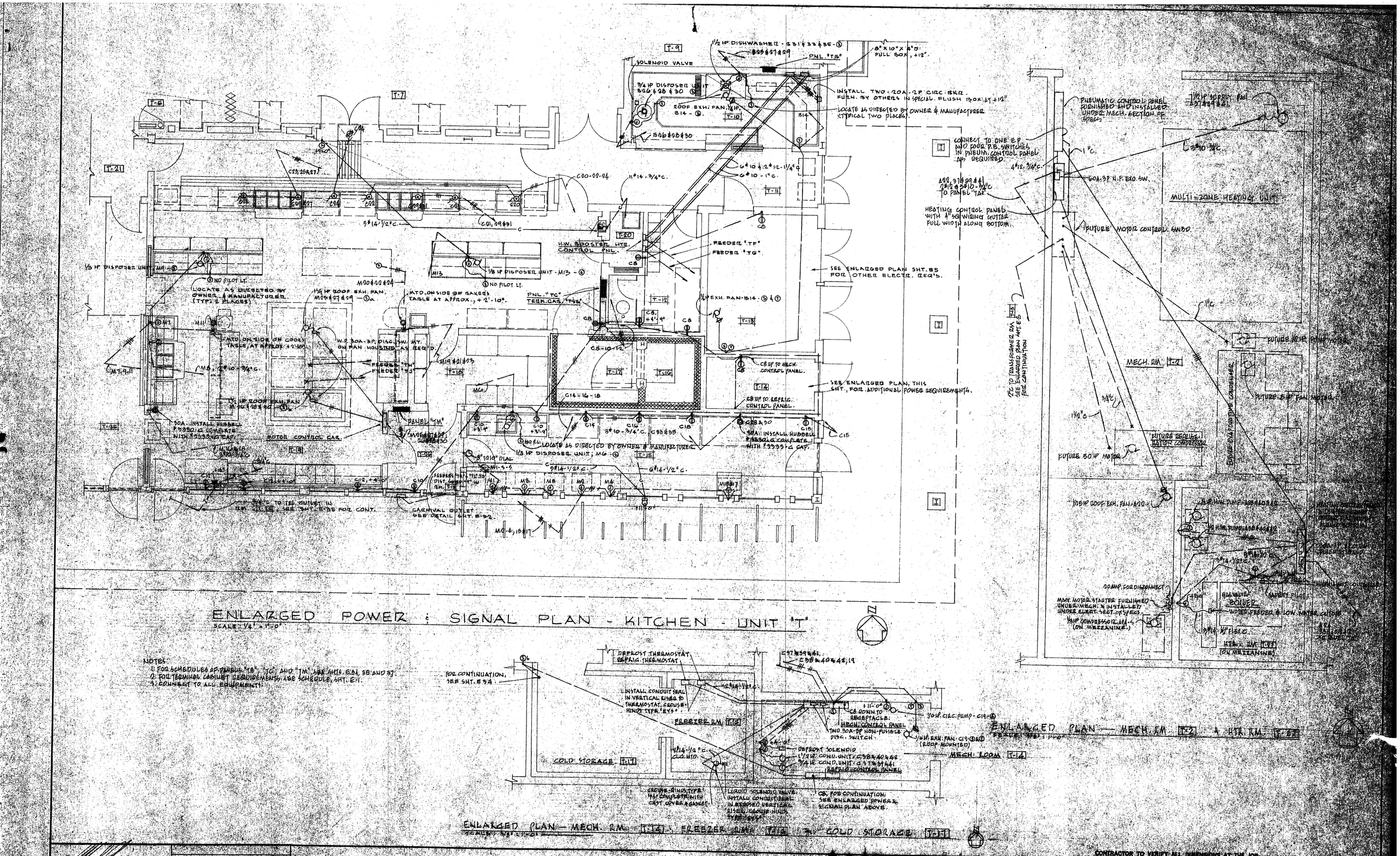
ARTHUR J. RENDON & LEWIS K. OSBORN, ...

ARCHITECTURE - ENGINEERING

...Y ALL DIMENSIONS AT THE JOB ...

...P, MUNIC & COUNTY BLDG - STATE ...

DATE JAN. '59 — SHEET NO. E-35



ARCHITECT

STRUCTURAL ENGINEER

MECHANICAL ENGINEER

ELECTRICAL ENGINEER

CIVIL ENGINEER

KISTNER, WRIGHT & WR

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATES

ARCHITECTURE - ENGINEERING

LOS A

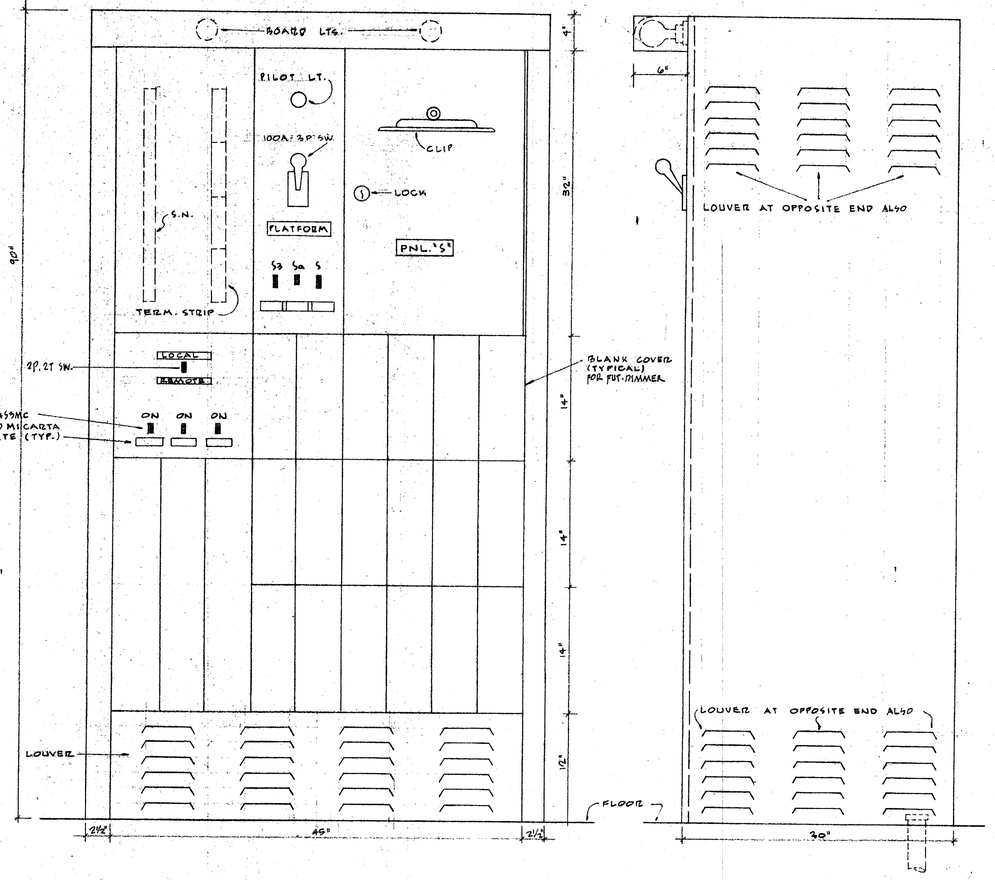
CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

ENLARG. POWER & SIGNAL PLAN - KITCHEN - UNIT "T"

LA M HIGH SCHOOL

HIGH SCHOOL DISTRICT

E36



FRONT ELEVATION

SECTION

NOTES

ENGRAVE MICARTA NAME PLATES AS FOLLOWS:

Sa : BOARD LTS.
S3 : GEN. LTS.
S : WORK LTS.
S3Ma : MULTI-PURPOSE LTS.
S3Mb : NORTH-CLRM. LTS.
S3Mc : SOUTH-CLRM. LTS.

CONTROL SWBD. "T"

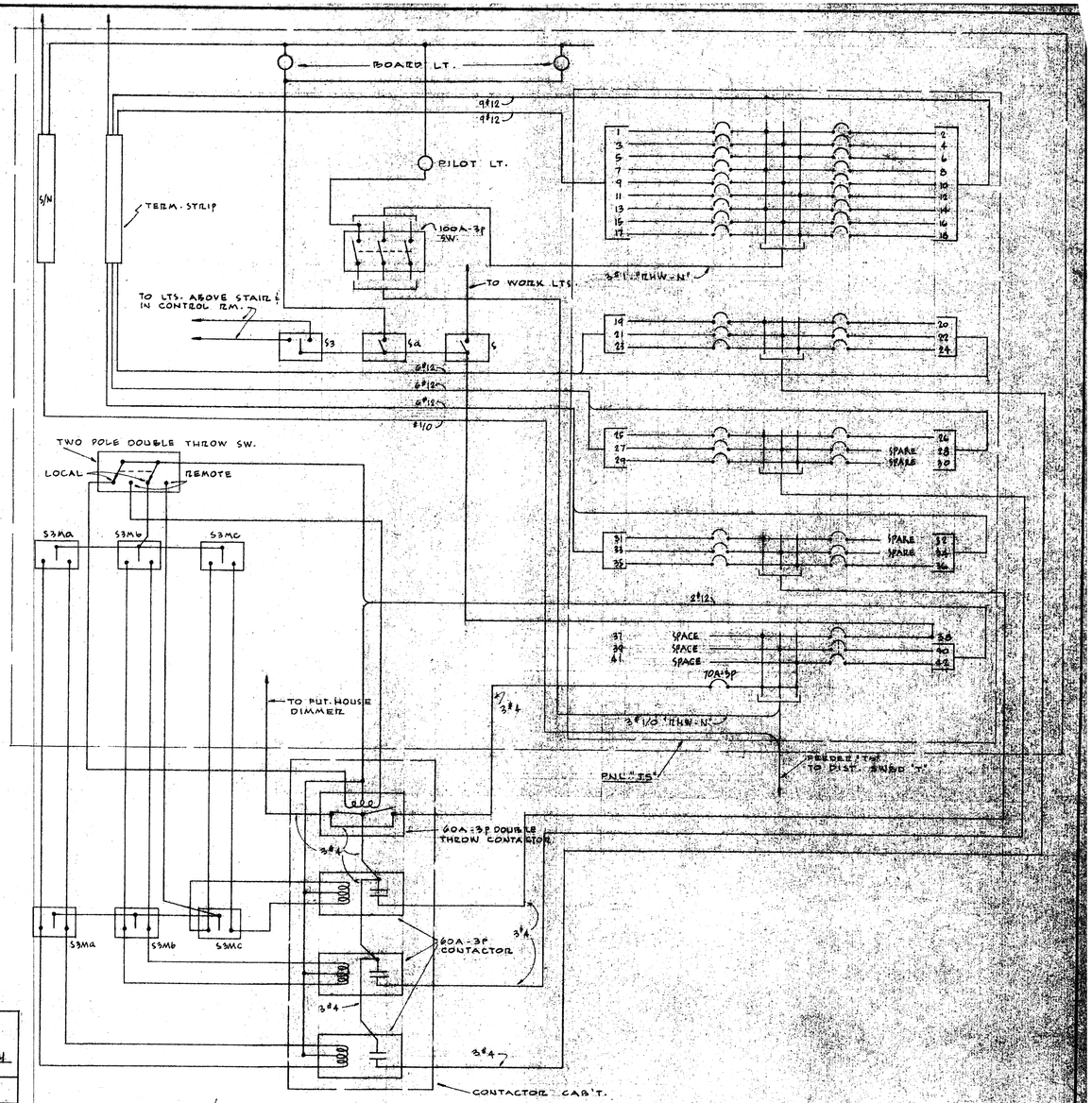
SCALE : 1½" = 1'-0"

120/208 VOLTS
3 PHASE
4 WIRE

PANEL "TM"
LOCATION RECEIVING RM T-7B
200 A. BUSSING
FEEDER "TM" ENTER CABT. AT BOTTOM MTG. FLUSH

LOCATION	WATTAGE ΦA	ΦB	ΦC	LTG	REC	MIS	CIR	BKR		BKR	CIR	MIS	REC	LTG	WATTAGE ΦA	ΦB	ΦC	LOCATION
BUN WARMER	1000						1	20A-1P		20A-1P	2	1			1000			BUN WARMER
		1000					3				4	1				1000		BUN WARMER
			1000				5			15A-1P	6	1					700	⅓HP DISPOSER
SALAD CHILLER	550						7	15A-1P		20A-1P	8	1			1250			HOT FOODS
⅓HP DISPOSER		700				1	9				10					800		SPARE
⅓HP PEELER			900		1		11	20A-1P			12						800	SPARE
⅓HP DISPOSER	700					1	13	15A-1P			14				800			SPARE
SMALL MACHINE		1100					15	20A		30A	16		1			2500		COFFEE URN
			1100			1	17	2P		2P	18						2500	
	450						19	15A			20				400			
1HP MIXER		450			1		21	3P		15A	22	1				400		¾HP REFRIGERATOR
			450				23			3P	24						400	
	600						25	15A			26				600			
1½HP HOOD EXH. FAN		600				1	27	3P		15A	28	1				600		1½HP HOOD EXH. FAN.
			600				29			3P	30						600	
SPACE							31	3P			32							SPACE
							33				34							
							35				36							
							37				38							
							39				40							
							41				42							
	3400	3850	4050												5050	3500	3500	

TOTAL : ΦA = 8,450 W ΦB = 9,350 W ΦC = 9,050 W
TOTAL WATTAGE ALL PHASES = 26,850 OR 74 AMPS.



NOTE!
ALL WIRING SHALL BE #12 UNLESS OTHERWISE NOTED.

SCHEMATIC WIRING DIAGRAM - CONTROL SWBD. "T"

NO SCALE

ARCHITECT
MECHANICAL ENGINEER
ELECTRICAL ENGINEER
STRUCTURAL ENGINEER
CIVIL ENGINEER

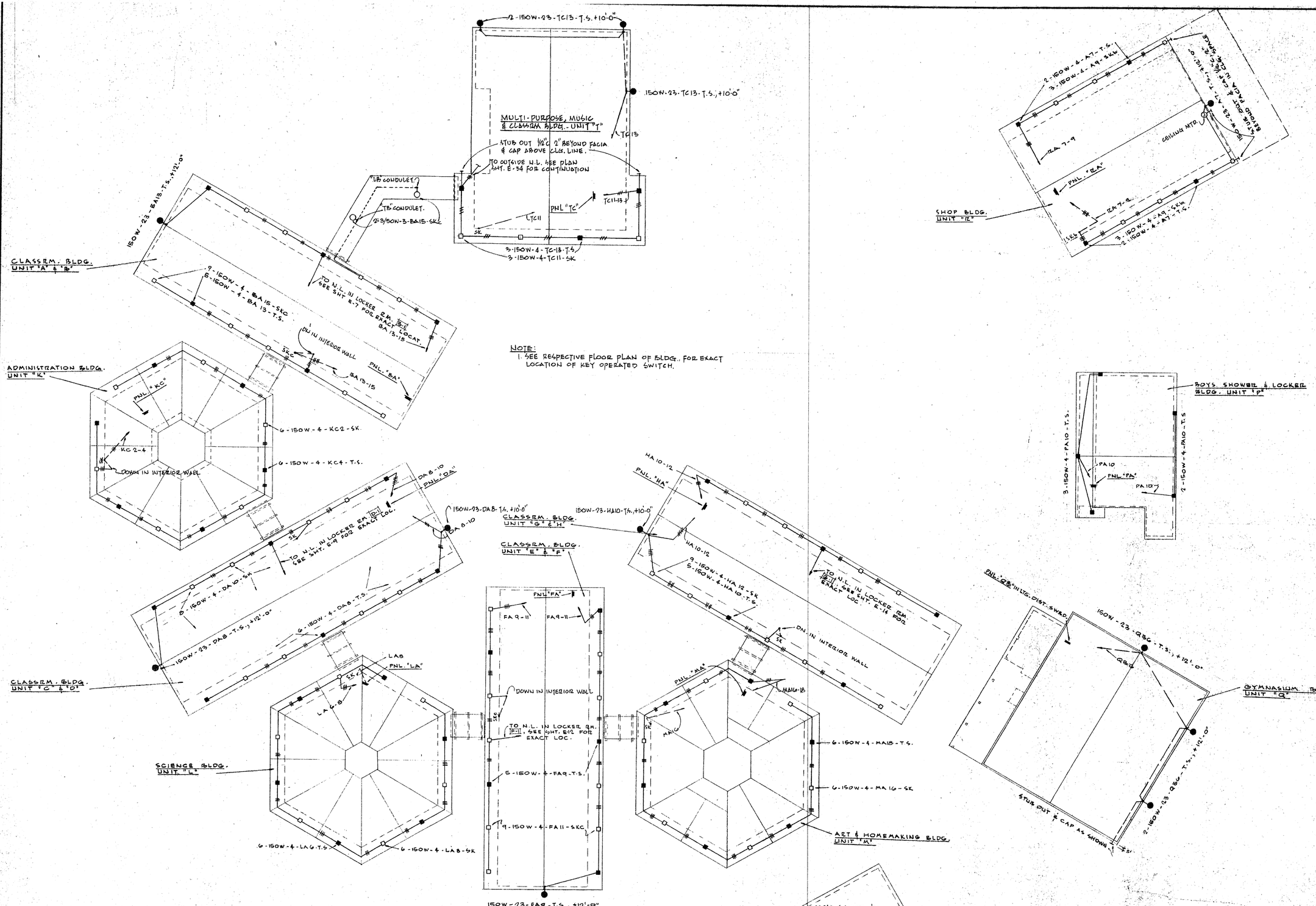
KISTNER, WRIGHT & WR
ARTHUR J. RENDON & LEWIS K OSBORN, ASSOCIATE
ARCHITECTURE - ENGINEERING

CONTRACTOR TO VERIFY ALL DIMENSIONS AT THE JOB

H SCHOOL
SCHOOL DISTRICT

DATE JAN 69
DR. BY GA
CHECKED BY
JOB NO. 56-71

SHEET NO. E37
OF 248 SHEETS



OUTSIDE LIGHTING PLAN

SCALE: 1" = 30'-0"

ARCHITECT	MECHANICAL ENGINEER C-K ELECTRICAL ENGINEER	
STRUCTURAL ENGINEER	CIVIL ENGINEER	

KISTNER, WRIGHT & WRI...

ARTHUR J. RENDON & LEWIS K. OSBORN, ASSOCIATE...

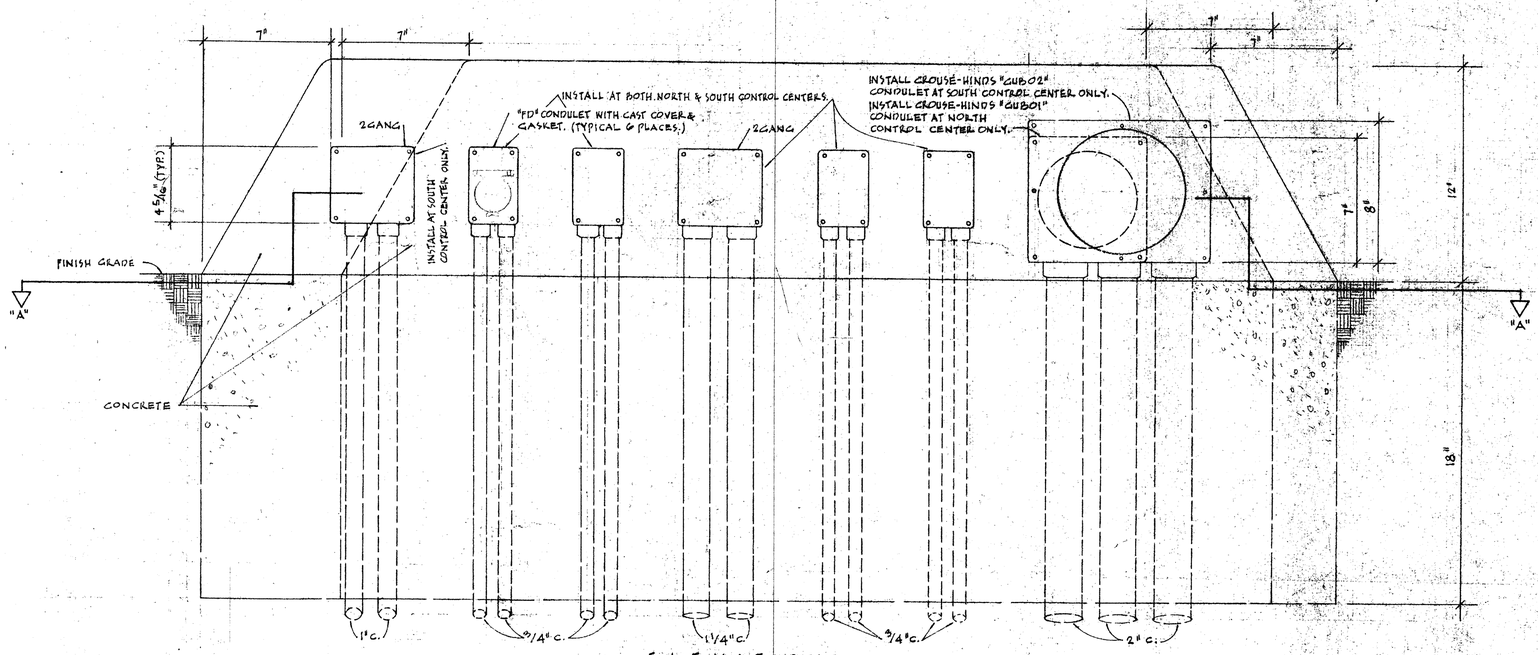
ARCHITECTURE - ENGINEERING

...CONTRACTOR ... DIMENSIONS AT THE JOB

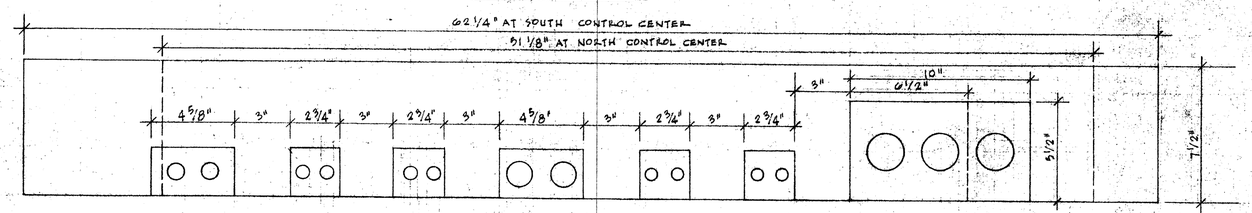
...SCHOOL ...DISTRICT

DATE JAN '59
DR. BY G.A.
CHECKED BY

SHEET NO. E38
...SHEETS



ELEVATION



PLAN SECTION "A"-"A"

DETAIL - CONTROL CENTER

SCALE: 3"=1'-0"

ARCHITECT	MECHANICAL ENGINEER
STRUCTURAL ENGINEER	ELECTRICAL ENGINEER / CIVIL ENGINEER

KISTNER, WRIGHT & W...

ARTHUR ... & LEWIS K OSBORN, ASSOCIAT...

ARCHITECTURE – EN...

...AT THE JOB

...ENTER

DATE JAN. 59

SHEET NO.