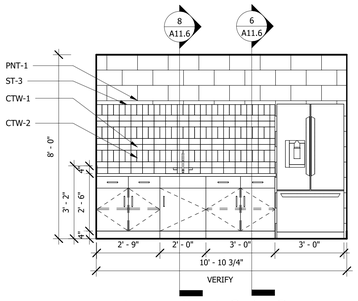
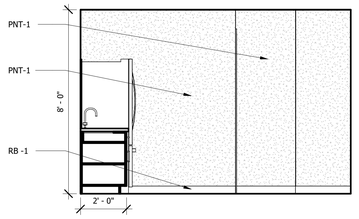
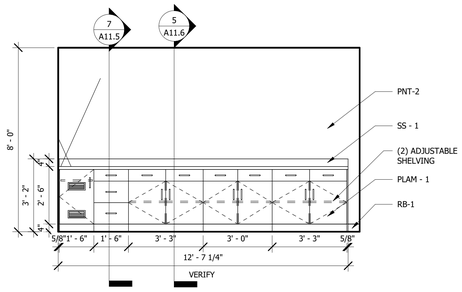


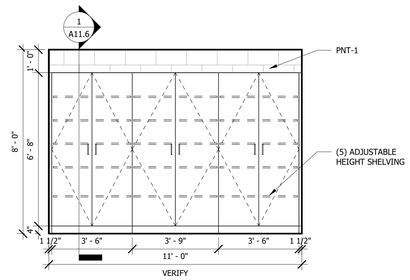
1 INT. ELEV. - 1 @ KITCHENETTE 109
3/8" = 1'-0"



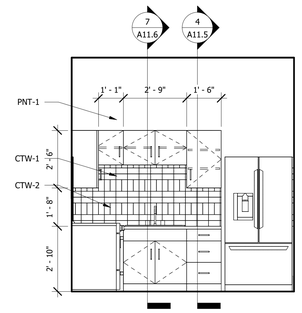
2 INT. ELEV. - 2 @ KITCHENETTE 109
3/8" = 1'-0"



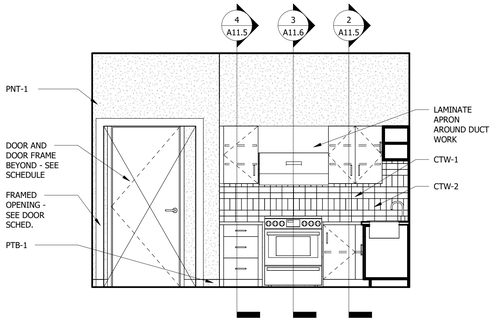
3 INT. ELEV. - 1 @ CONF. 107
3/8" = 1'-0"



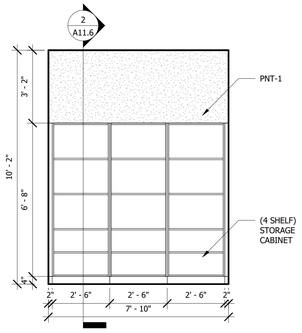
4 INT. ELEV. - 1 @ IT OFFICE 114
3/8" = 1'-0"



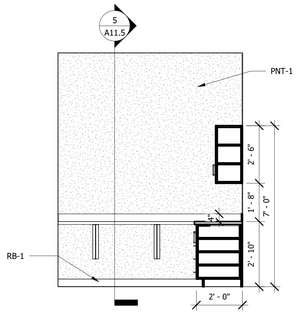
5 INT. ELEV. - 1 @ KITCHEN 209
3/8" = 1'-0"



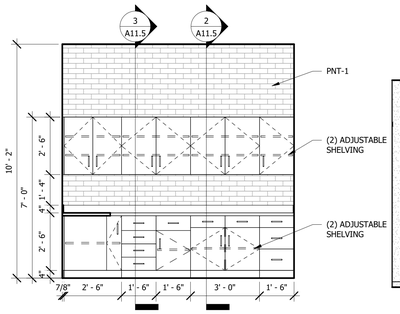
6 INT. ELEV. - 2 @ KITCHEN 209
3/8" = 1'-0"



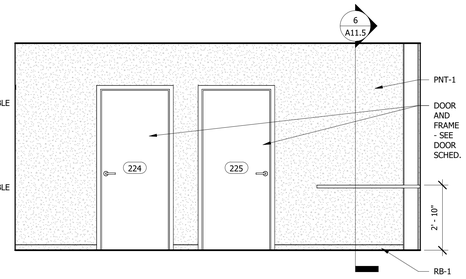
7 INT. ELEV. - 1 @ RECORDS OFFICE 206
3/8" = 1'-0"



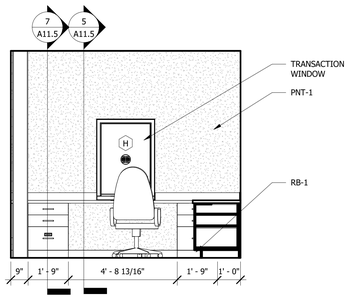
8 INT. ELEV. - 1 @ WORKROOM 210
3/8" = 1'-0"



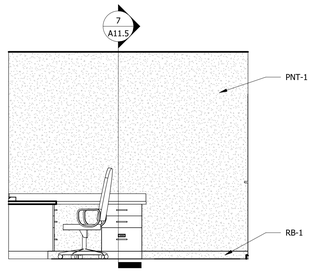
9 INT. ELEV. - 2 @ WORKROOM 210
3/8" = 1'-0"



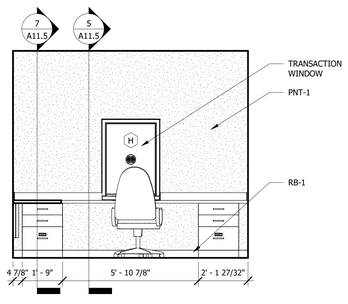
10 INT. ELEV. 1 @ WORK AREA 226
3/8" = 1'-0"



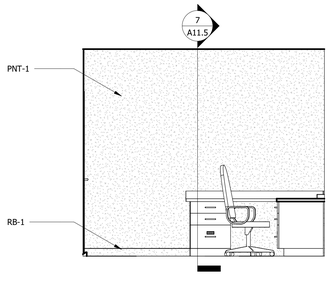
11 INT. ELEV. - 1 @ A.P. OFFICE 228
3/8" = 1'-0"



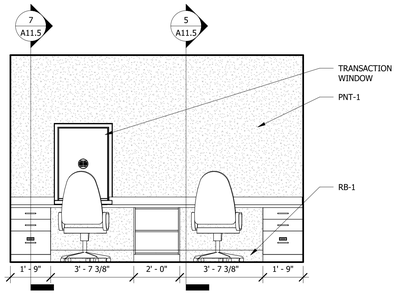
14 INT. ELEV. 2 @ A.P. OFFICE 228
3/8" = 1'-0"



12 INT. ELEV. - 1 @ C.C. OFFICE 229
3/8" = 1'-0"



15 INT. ELEV. 2 @ C.C. OFFICE 229
3/8" = 1'-0"



13 INT. ELEV. - 1 @ CODE ADM. 224
3/8" = 1'-0"

SPECIALTY EQUIPMENT SCHEDULE

Type Mark	Type	Comments	Furnished By
SE2	36"		O.F.O.I.

TOILET ACCESSORIES SCHEDULE

Type Mark	Type	Comments	Furnished By
T1.1	PAPER TOWEL DISPENSER/DISPOSAL		
T1.2	PAPER TOWEL DISPENSER		
T2	SANITARY DISPOSAL		
T3.1	TOILET PAPER DISPENSER		
T3.2	DOUBLE TOILET PAPER DISPENSER		
T4	GRAB BAR - 42"		
T5	GRAB BAR - 18"		
T6	GRAB BAR - 36"		
T7	MIRROR - 24" x 36"		
T8	MOP RACK		
T9	SOAP DISPENSER		

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1 FEB 2026

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CITY OF WINCHESTER, TENNESSEE

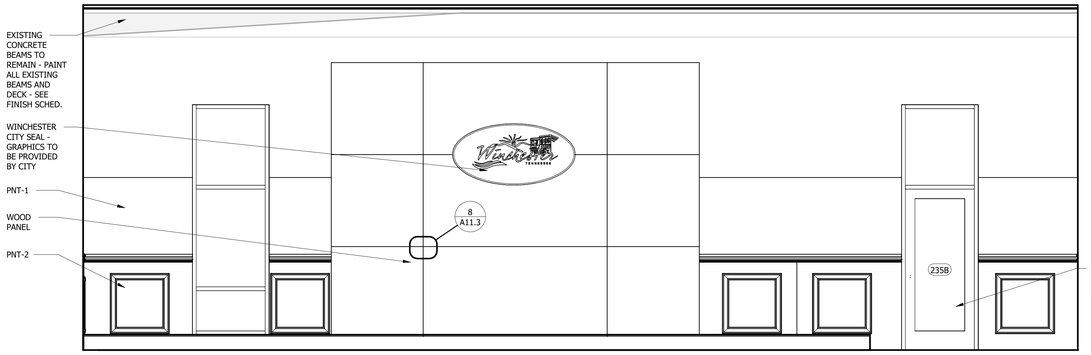
No.	Revision Description	Date

INTERIOR ELEVATIONS AND DETAILS

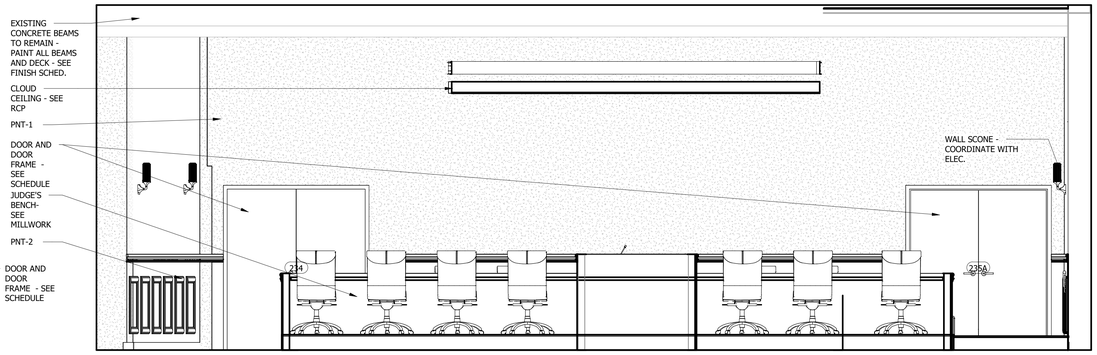
JOB NO: 63492 DRAWN: ESR
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

A11.2

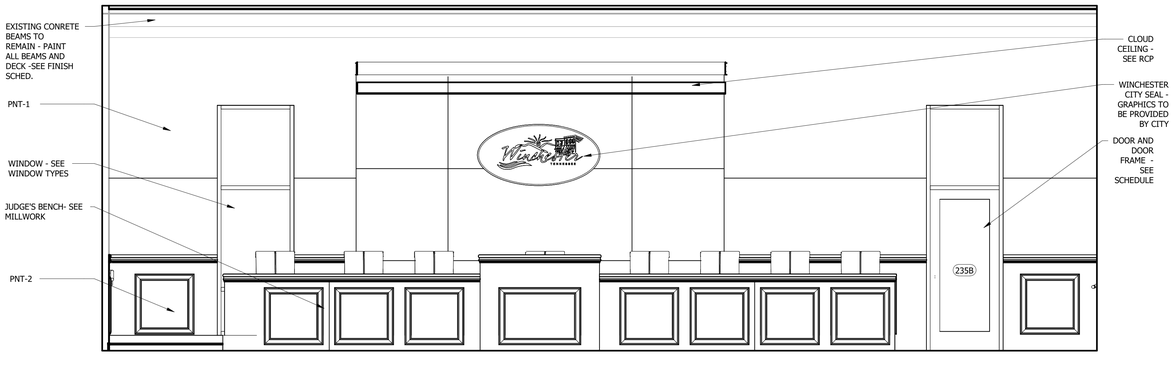
Plotted on: 2/9/2026 12:57:05 PM



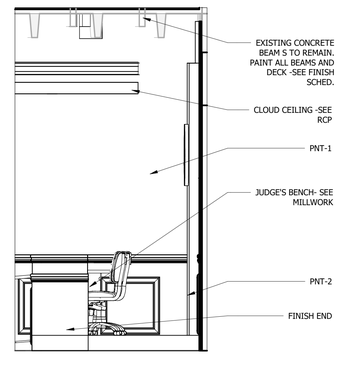
1 INT. ELEV. - 1 @ COURT / COUNCIL ROOM
3/8" = 1'-0"



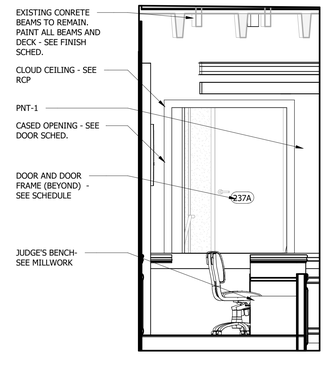
2 INT. ELEV. - 2 @ COURT / COUNCIL ROOM
3/8" = 1'-0"



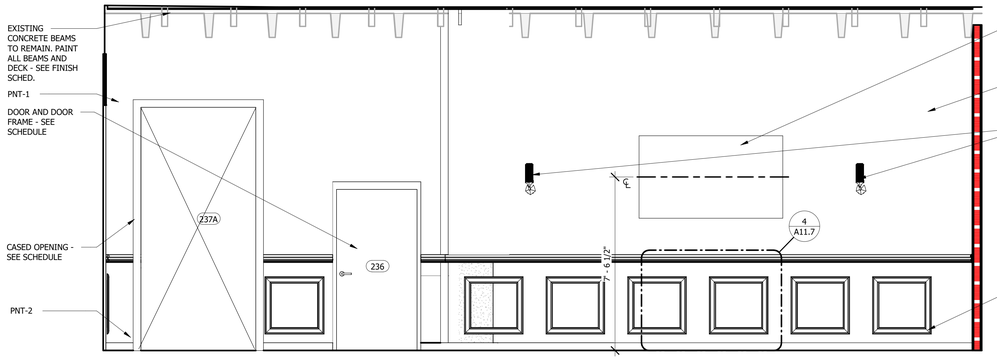
3 INT. ELEV. - 3 @ COURT / COUNCIL ROOM
3/8" = 1'-0"



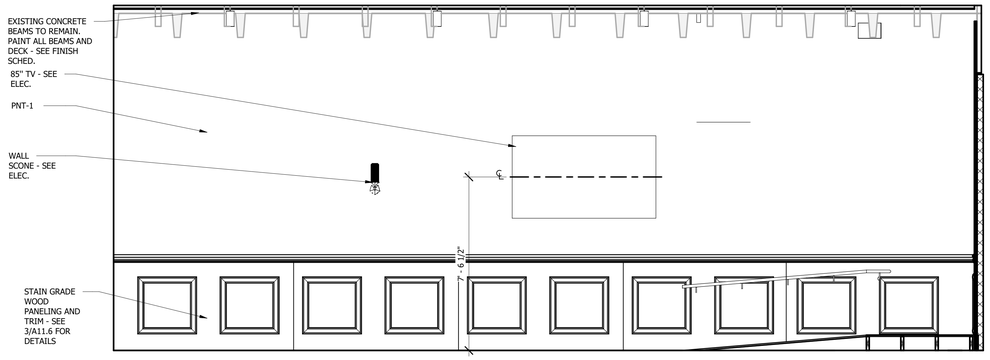
4 INT. ELEV. - 4 @ COURT / COUNCIL ROOM
3/8" = 1'-0"



5 INT. ELEV. - 5 @ COURT / COUNCIL ROOM
3/8" = 1'-0"



6 INT. ELEV. - 7 @ COURT / COUNCIL ROOM
3/8" = 1'-0"



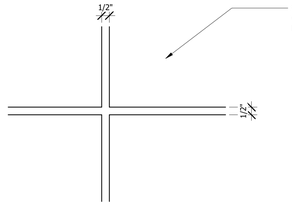
7 INT. ELEV. - 8 @ COURT / COUNCIL ROOM
3/8" = 1'-0"

TOILET ACCESSORIES SCHEDULE

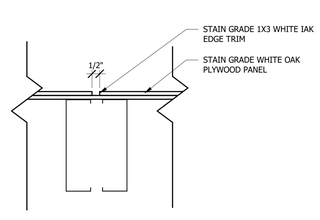
Type Mark	Type	Comments	Furnished By
T1.1	PAPER TOWEL DISPENSER/DISPOSAL		
T1.2	PAPER TOWEL DISPENSER		
T2	SANITARY DISPOSAL		
T3.1	TOILET PAPER DISPENSER		
T3.2	DOUBLE TOILET PAPER DISPENSER		
T4	GRAB BAR - 42"		
T5	GRAB BAR - 18"		
T6	GRAB BAR - 36"		
T7	MIRROR - 24" x 36"		
T8	MOP RACK		
T9	SOAP DISPENSER		

SPECIALTY EQUIPMENT SCHEDULE

Type Mark	Type	Comments	Furnished By
SE2	36"		O.F.O.I.



8 ENL. PANEL JOINT
3" = 1'-0"



9 TYP. PANEL JOINT DETAIL
3" = 1'-0"

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REGISTERED ARCHITECT
Robert M Thrasher
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No. 101460
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CITY OF WINCHESTER, TENNESSEE

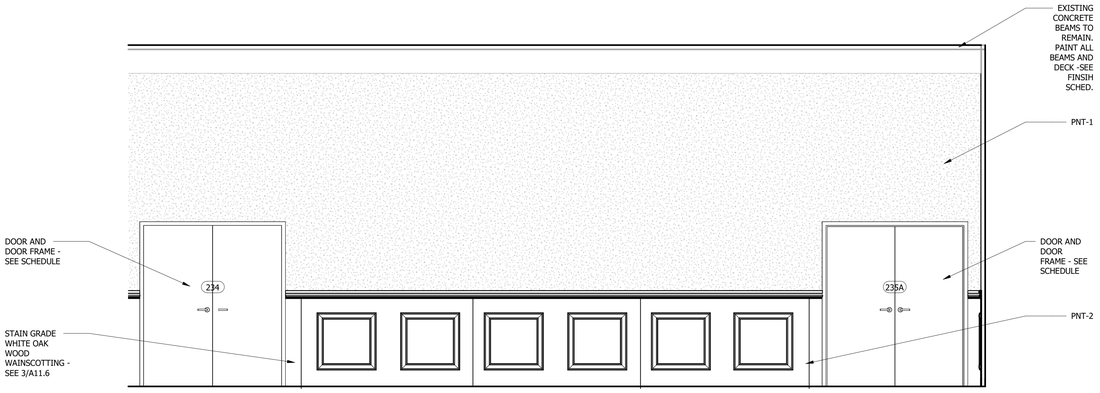
No.	Revision Description	Date

INTERIOR ELEVATIONS AND DETAILS

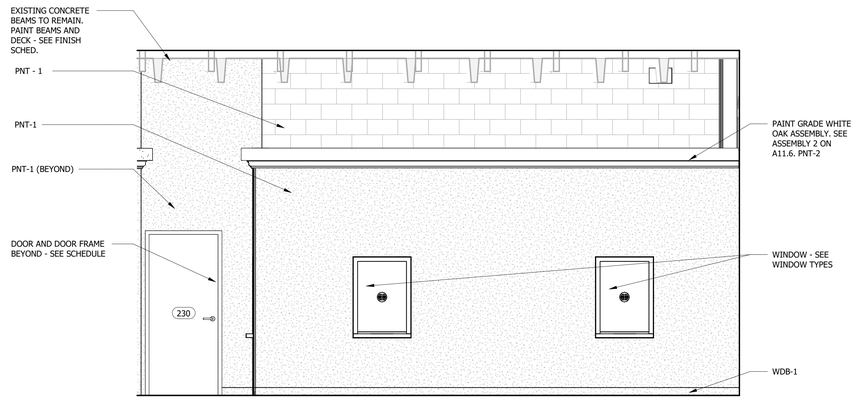
JOB NO: 63492 DRAWN: ESR
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

A11.3

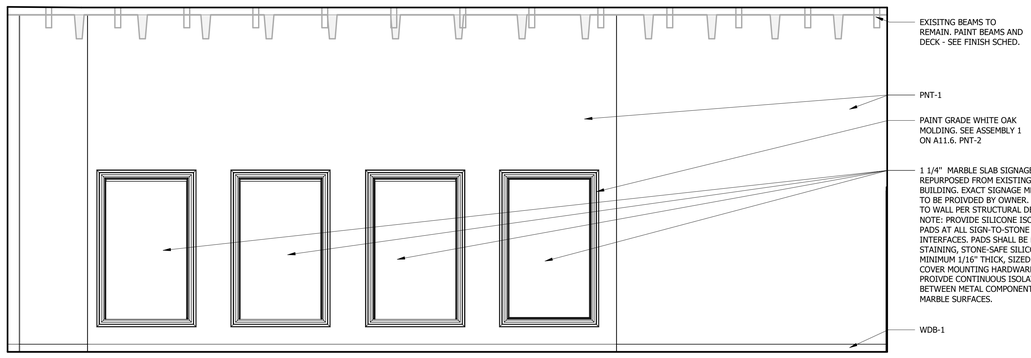
Plotted on: 2/9/2026 12:58:49 PM



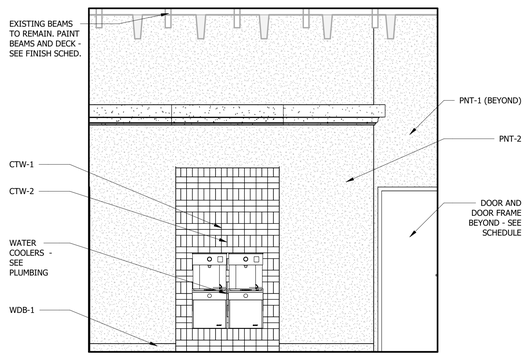
1 INT. ELEV. - 8 @ COURT / COUNCIL ROOM
3/8" = 1'-0"



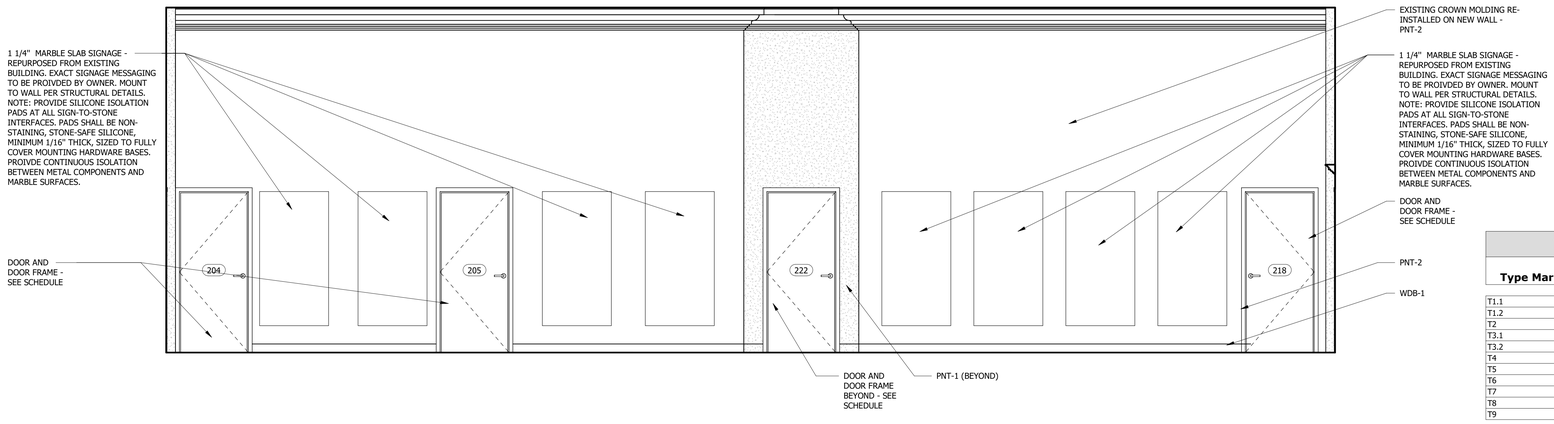
6 INT. ELEV. 1 @ CORR. 230
3/8" = 1'-0"



3 INT. ELEV. - 2 @ LOBBY 231
3/8" = 1'-0"



5 INT. ELEV. -3 @ LOBBY 231
3/8" = 1'-0"



4 INT. ELEV. - 8 @ GALLERY 201
3/8" = 1'-0"

TOILET ACCESSORIES SCHEDULE

Type Mark	Type	Comments	Furnished By
T1.1	PAPER TOWEL DISPENSER/DISPOSAL		
T1.2	PAPER TOWEL DISPENSER		
T2	SANITARY DISPOSAL		
T3.1	TOILET PAPER DISPENSER		
T3.2	DOUBLE TOILET PAPER DISPENSER		
T4	GRAB BAR - 42"		
T5	GRAB BAR - 18"		
T6	GRAB BAR - 36"		
T7	MIRROR - 24" x 36"		
T8	MOP RACK		
T9	SOAP DISPENSER		

SPECIALTY EQUIPMENT SCHEDULE

Type Mark	Type	Comments	Furnished By
SE2	36"		O.F.O.I.

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Robert M Hunt
1/9/2026

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CITY OF WINCHESTER, TENNESSEE

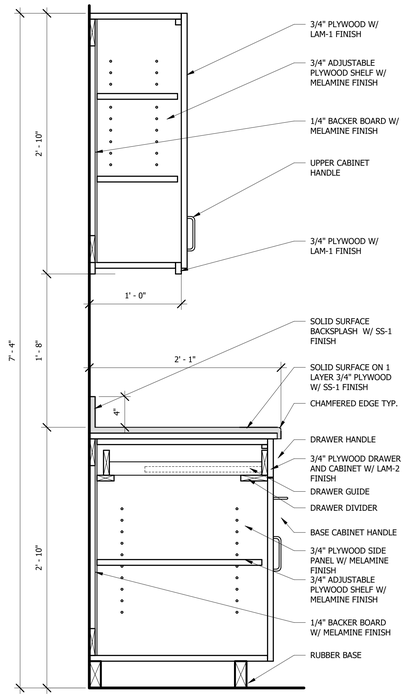
No.	Revision Description	Date

INTERIOR ELEVATIONS AND DETAILS

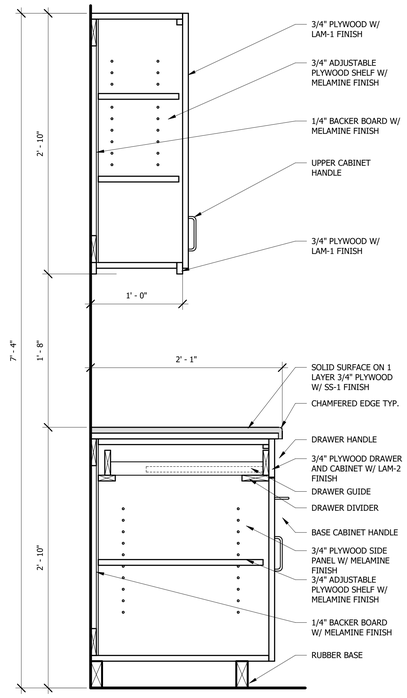
JOB NO: 63492 DRAWN: ESR
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

A11.4

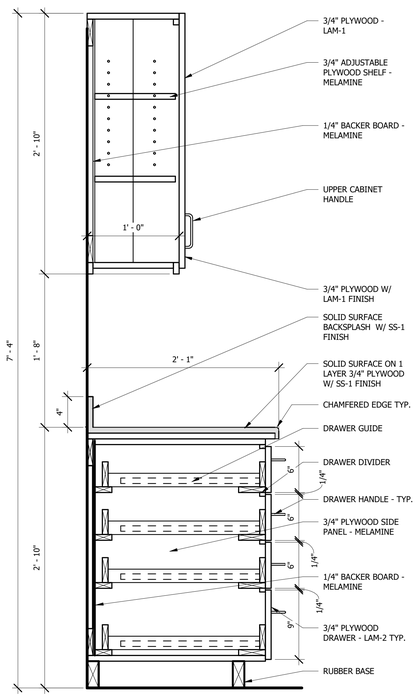
Plotted on: 2/9/2026 1:00:44 PM



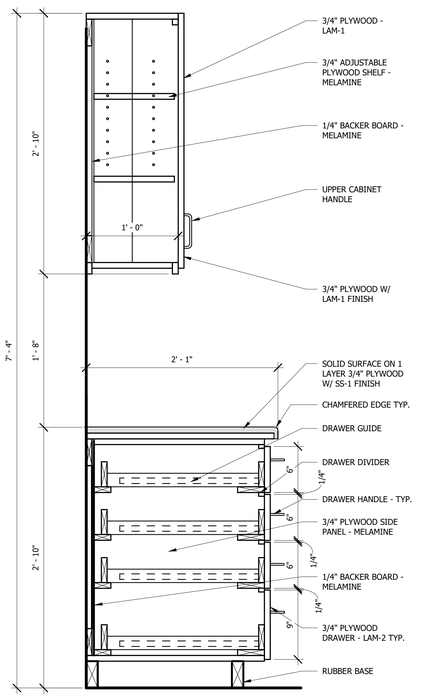
1 MILLWORK DETAIL A
1 1/2" = 1'-0"



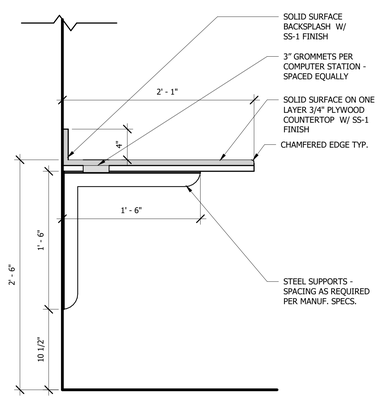
2 MILLWORK DETAIL B
1 1/2" = 1'-0"



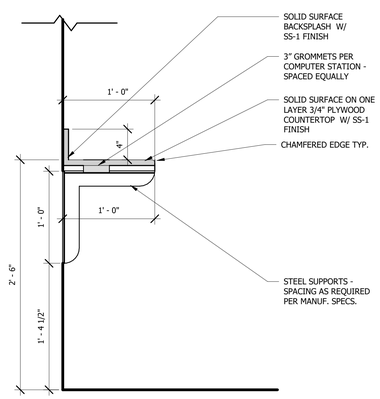
3 MILLWORK DETAIL C
1 1/2" = 1'-0"



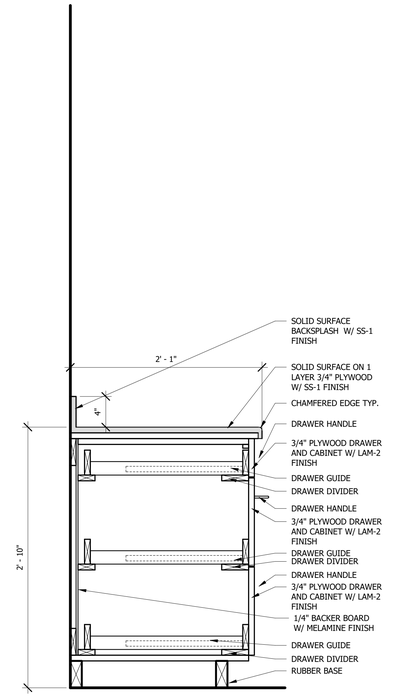
4 MILLWORK DETAIL D
1 1/2" = 1'-0"



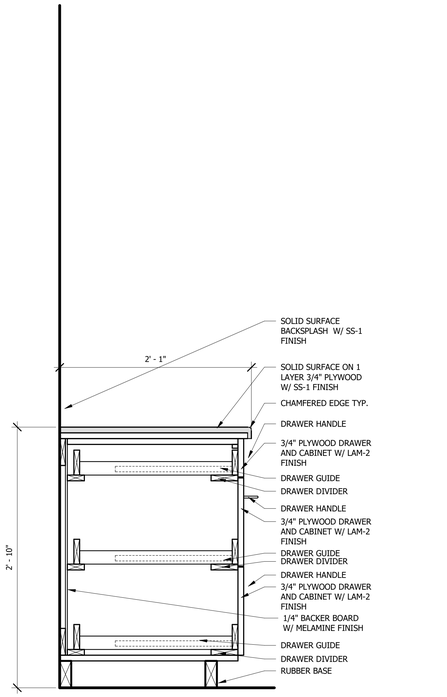
5 MILLWORK DETAIL E
1 1/2" = 1'-0"



6 MILLWORK DETAIL F
1 1/2" = 1'-0"



7 MILLWORK DETAIL G
1 1/2" = 1'-0"



8 MILLWORK DETAIL H
1 1/2" = 1'-0"

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CITY OF WINCHESTER, TENNESSEE

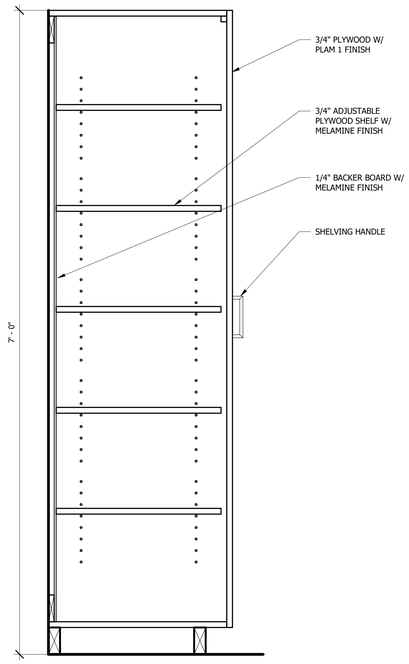
No.	Revision Description	Date

MILWORK DETAILS

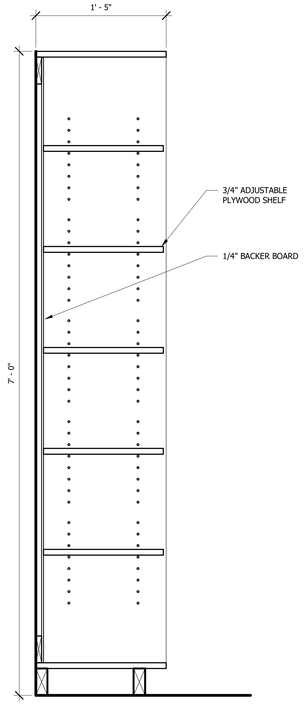
JOB NO: 63492 DRAWN: ESR
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

A11.5

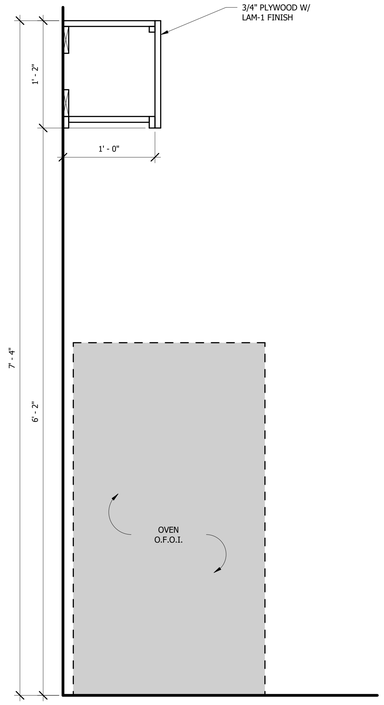
Plotted on: 2/9/2026 1:01:30 PM



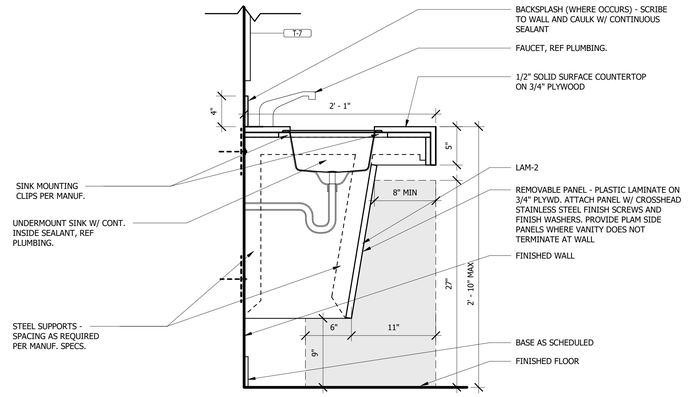
1 MILLWORK DETAIL N
1 1/2" = 1'-0"



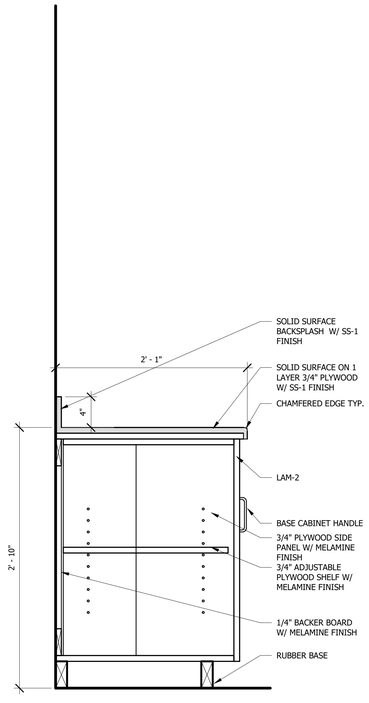
2 MILLWORK DETAIL O
1 1/2" = 1'-0"



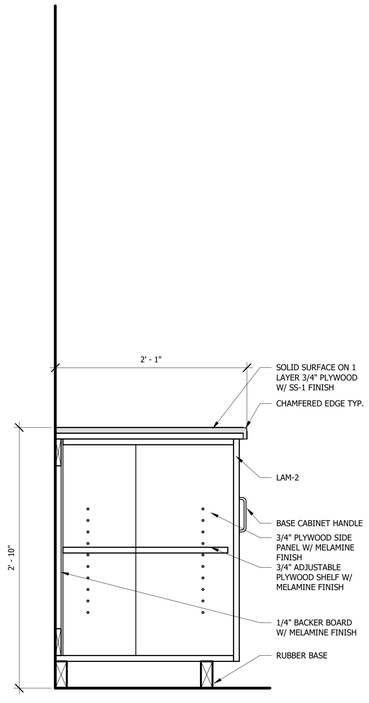
3 MILLWORK DETAIL P
1 1/2" = 1'-0"



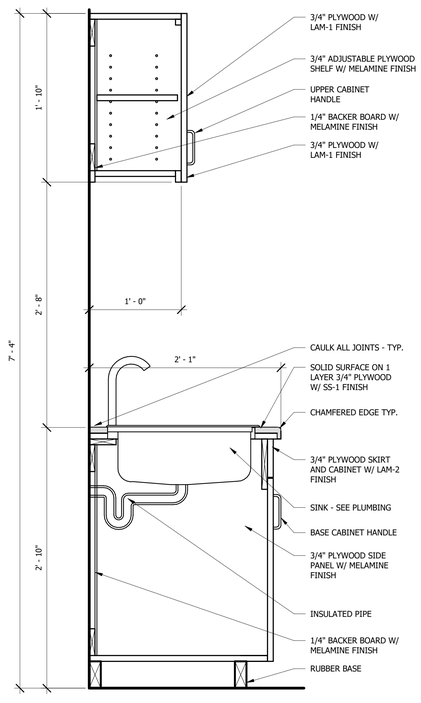
4 MILLWORK DETAIL @ ADA SKIRT SINK
1 1/2" = 1'-0"



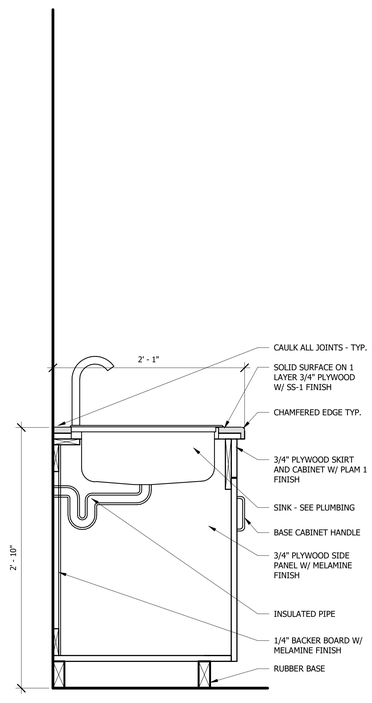
5 MILLWORK DETAIL J
1 1/2" = 1'-0"



6 MILLWORK DETAIL K
1 1/2" = 1'-0"



7 MILLWORK DETAIL L
1 1/2" = 1'-0"



8 MILLWORK DETAIL M
1 1/2" = 1'-0"

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Robert M Thomas
1 Oct 2026
No. 101467
STATE OF TENNESSEE

WINCHESTER CITY HALL

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WINCHESTER, TN 37398

CITY OF WINCHESTER, TENNESSEE

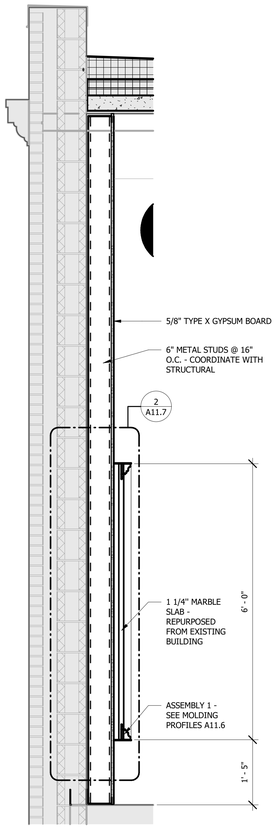
No.	Revision Description	Date

MILWORK DETAILS

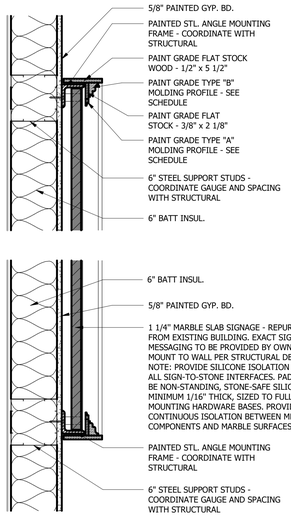
JOB NO: 63492 DRAWN: ESR
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

A11.6

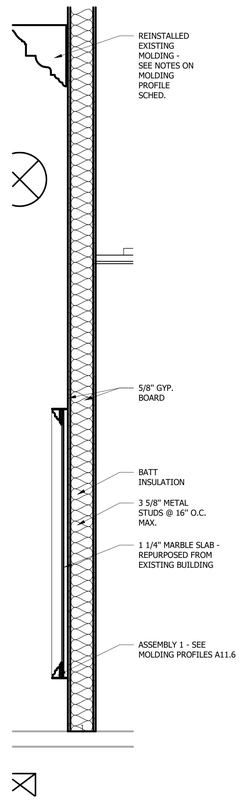
Plotted on: 2/9/2026 1:02:16 PM



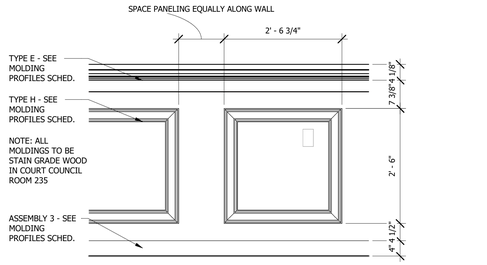
1 WALL SECTION
3/4" = 1'-0"



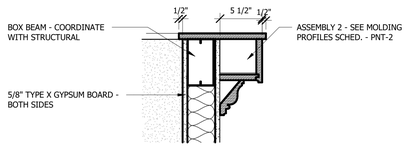
2 SECTION DETAIL @ MARBLE SLAB
1 1/2" = 1'-0"



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



4 ENL. ELEVATION @ COURT / COUNCIL WAINSCOTTING
3/4" = 1'-0"



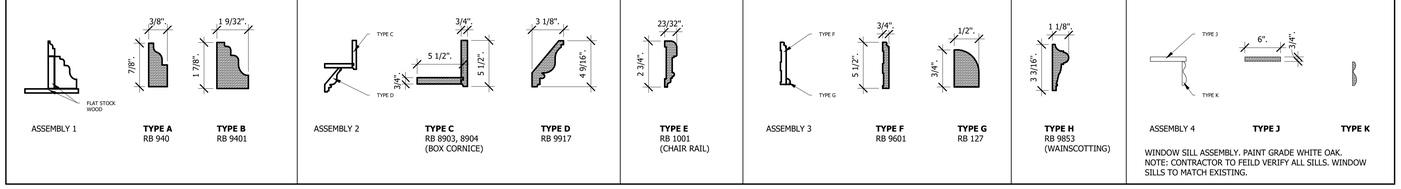
5 ENL. SECTION @ HEAD OF WALL
1 1/2" = 1'-0"

MARBLE SLAB NOTES

1. PER NOTE 26 ON AD1.1, CONTRACTOR TO REMOVE, CAREFULLY PRESERVE, AND STORE EXISTING MARBLE SLAB WAINSCOTS AND TOILET PARTITIONS THROUGHOUT FACILITY. DURING THIS PROCESS, CONTRACTOR IS TO INSPECT, MEASURE AND CATALOG EACH SLAB. NOTIFY ARCHITECT IMMEDIATELY OF INSUFFICIENT OR DAMAGED QUANTITIES TO COMPLETE THE SPECIFIED MARBLE SIGNAGE FOR THIS PROJECT. COORDINATE WITH STRUCTURAL FOR MOUNTING OF MARBLE TO WALL.
2. WHEN DRILLING INTO MARBLE:
   - A. NEVER USE HAMMER DRILL MODE.
   - B. DRILL AT A LOW RPM WITH WATER COOLING.
   - C. AVOID VEINS AND EDGES.
   - D. INSTALLER TO REVIEW SLAB CONDITION BEFORE DRILLING.

MOLDING PROFILES

NOTE:
1. MOLDING PROFILES BASED ON RANDALL BROTHERS. SIMILAR PROFILES OR EQUAL TO MANUFACTURERS BASED ON APPROVAL.
2. ALL MOLDING IN GALLERY TO BE REUSED EXISTING MOLDING. CONTRACTOR TO MATCH EXISTING IF DAMAGED.
3. ALL MOLDING PROFILES TO BE PAINT GRADE WOOD. U.N.O. (UNLESS NOTED OTHERWISED).
4. WOOD TO BE STAIN GRADE WHITE OAK.



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1/9/2026

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CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

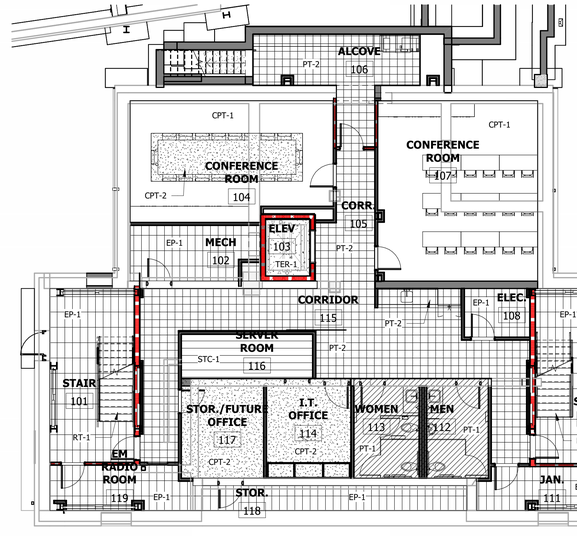
MILWORK DETAILS

JOB NO: 63492 DRAWN: ESR
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

A11.7

Plotted on: 2/9/2026 1:16:16 PM

1 **FINISH FLOOR PLAN COLOR (VISUAL DIAGRAM REFERENCE ONLY) - BASEMENT LEVEL**
1/8" = 1'-0"



2 **FINSH PLAN - BASEMENT LEVEL**
1/8" = 1'-0"

FINSIH FLOOR PATTERNS

- CPT -1
- CPT -2
- TER -1
- TER -2
- PT -1
- PT -2
- PT -3
- EP-1
- STC-1

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1/30/2026

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CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

FINISH PLAN

JOB NO: 63492 DRAWN: ESR
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

A12.1

Plotted on: 2/9/2026 1:17:46 PM

2 **FINISH FLOOR PLAN COLOR (VISUAL DIAGRAM REFERENCE ONLY) - GROUND FLOOR**
1/8" = 1'-0"

1 **FINISH PLAN - GROUND FLOOR**
1/8" = 1'-0"

FINSIH FLOOR PATTERNS

- CPT -1
- CPT -2
- TER -1
- TER -2
- PT -1
- PT -2
- PT -3
- EP-1
- STC-1

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WINCHESTER, TN 37398

CITY OF WINCHESTER, TENNESSEE

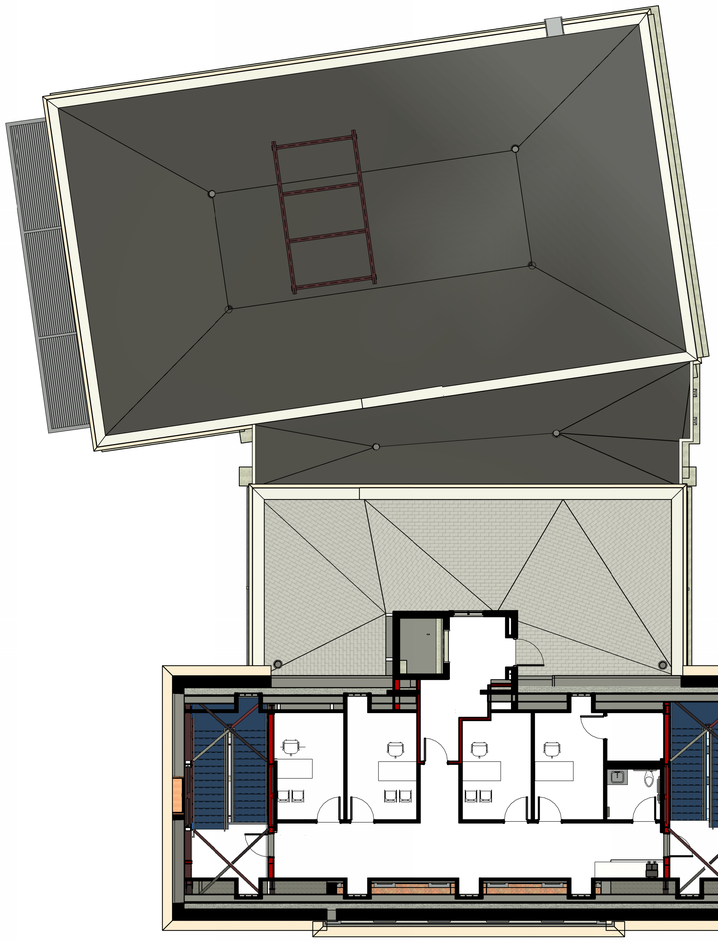
No.	Revision Description	Date

FINISH PLAN

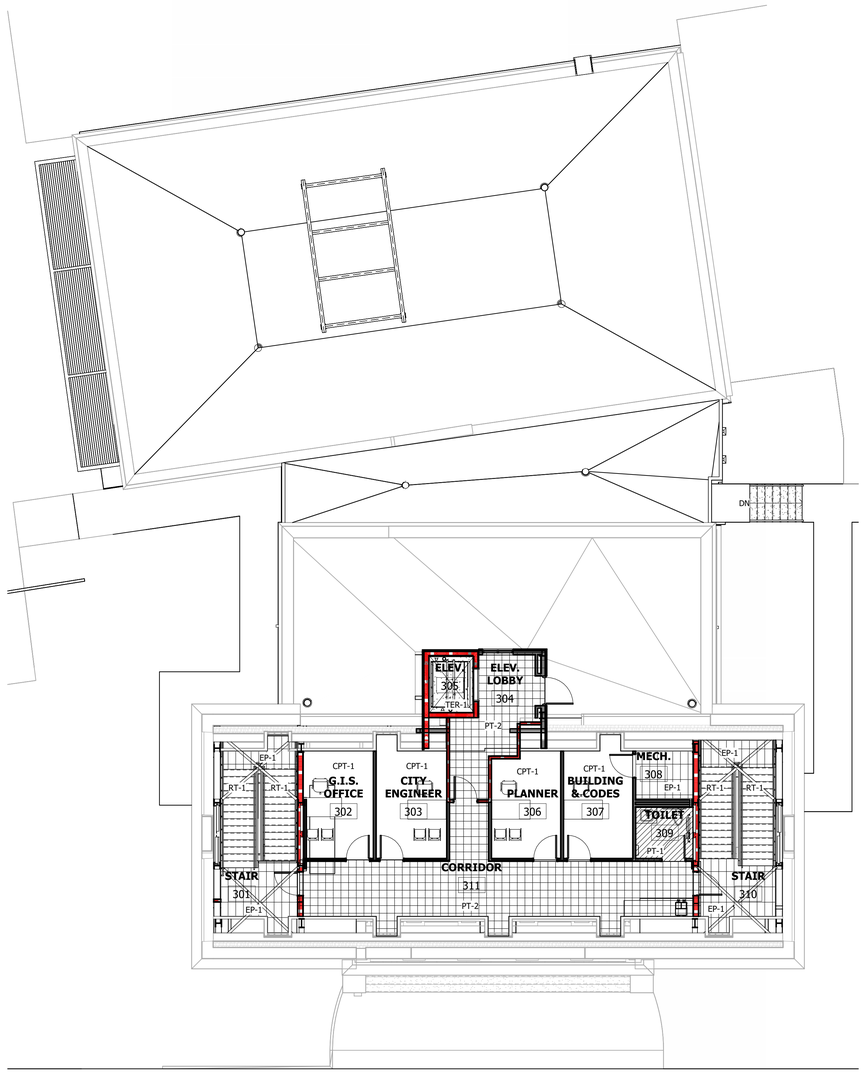
JOB NO: 63492 DRAWN: ESR
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

A12.2

Plotted on: 2/9/2026 1:21:06 PM



1 FINISH FLOOR PLAN COLOR (VISUAL DIAGRAM REFERENCE ONLY) - SECOND LEVEL
1/8" = 1'-0"



2 FINISH FLOOR PLAN - SECOND LEVEL
1/8" = 1'-0"

FINSIH FLOOR PATTERNS

- CPT -1
- CPT -2
- TER -1
- TER -2
- PT -1
- PT -2
- PT -3
- EP-1
- STC-1

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CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

FINISH PLAN

JOB NO: 63492 DRAWN: ESR
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

A12.3

Plotted on: 2/9/2026 1:22:39 PM

FINISH FLOOR PATTERNS

- CPT -1
- CPT -2
- TER -1
- TER -2
- PT -1
- PT -2
- PT -3
- EP-1
- STC-1

FINISH LEGEND

FLOOR

CPT-1 CARPET
MANUF: MOHAWK GROUP
STYLE: MULTISENSORY SPECTRAL VIEW GT375
COLOR: 846 MOSSLIGHT
SIZE: 24" x 24"
INSTALLED: RANDOM

CPT-2 CARPET
MANUF: MOHAWK GROUP
STYLE: MULTISENSORY WHISPERED LAYERS
COLOR: 646 WOODLAND HUSH
SIZE: 24" x 24"
INSTALLED: BRICK ASHLAR

TER - 1 TERRAZO TILE
MANUF: WAUSAU TILE
STYLE: TRADITIONAL SERIES
COLOR: TZ40 FRESH LIME
SIZE: 24" X 24"

TER - 2 TERRAZO TILE
MANUF: WAUSAU TILE
STYLE: TRADITIONAL SERIES
COLOR: TZ90 MIDNIGHT
SIZE: 24" X 24"

PT-1 PORCELAIN TILE
MANUF: ANATOLIA
STYLE: SOHO, MATTE
GROUT:TBD
COLOR: CANVAS WHITE
SIZE: 1" (MOSAIC)
INSTALLED: TBD

PT-2 PORCELAIN TILE
MANUF: MARAZZI
STYLE:SAVOIR
GROUT:TBD
COLOR: CAFE SQUARE
SIZE: 24" X 24"
INSTALLED: TBD

EP-1 EPOXY
MANUF: TNEMEC
STYLE: SERIES 237, 248 EVERTHANE
COLOR: SLATE GRAY

RT-1 RUBBER TREAD
MANUF: TARKETT
STYLE: ANGLE FIT, DIAMOND
COLOR: CANVAS

STC-1 STATIC CONTROL TILE
MANUF: ARMSTRONG FLOORING
STYLE: STATIC CONTROL OPTIONS
COLOR: MARBLE BEIGE

SC SEALED CONCRETE

WALL

PNT - 1 ENAMEL - WALL PAINT 1 (FIELD)
MANUF: SHERWIN WILLIAMS
COLOR: ACCESSIBLE BEIGE (SW7036)

PNT - 2 ENAMEL - WALL PAINT 2 (ACCENT)
MANUF:SHERWIN WILLIAMS
COLOR: ROOKWOOD DARK (SW2808)

PTW-1 PORCELAIN TILE WALL
MANUF: ANATOLIA
STYLE: SOHO
GROUT: TBD
COLOR: SOFT SAGE
SIZE: 4" X 16"
INSTALLED: 90 HERRINGBONE

PTW-2 PORCELAIN TILE WALL
MANUF: RAGNO
STYLE: LOOK, R8FN
GROUT: TBD
COLOR: NERO, GLOSSY
INSTALLED: BRICK

WC WALLCOVERING
MANUF:MOMENUTM
STYLE: BOWERY
COLOR: NOHO

CTW-1 CERAMIC TILE WALL
MANUF: AMERICAN OLEAN
STYLE: COLORSTORY WALL
GROUT:
COLOR: MATTE, BLACK
SIZE: 3" X 6"
INSTALL: BASKET WEAVE

CTW-2 CERAMIC TILE WALL
MANUF: AMERICAN OLEAN
STYLE: COLOR STORY WALL
GROUT:
COLOR: GLOSSY, BLACK
SIZE: 3" X 6"
INSTALL: BASKET WEAVE

BASE AND TRIMS

RB -1 4" RUBBER BASE
MANUF: JOHNSONITE
STYLE: MILLWORK
COLOR: TBD
SIZE: 4/1/4"

PTB-1 PORCELAIN TILE COVE BASE
MANUF: MARAZZI
STYLE: SAVOIR
COLOR: CAFE
SIZE: BULLNOSE, 3" X 24"

WDB-1 WOOD BASE
MANUF:TBD
STYLE: WHTIE OAK
COLOR:TBD

ST-1 SCHLUTER STRIP
MANUF: SCHLUTER
STYLE: DILEX
COLOR: BLACK

ST-2 SCHLUTER STRIP
MANUF: SCHLUTER
STYLE: SCHIENE
COLOR: STAINLESS STEEL

ST-3 SCHLUTER STRIP
MANUF: SCHLUTER
STYLE: RONDEC
COLOR: BLACK

DOORS AND FRAMES

HOLLOW METAL DOORS AND FRAMES DOOR & FRAME PAINT
MANUF: TBD
COLOR: TBD

SOLID CORE WOOD DOORS STILE AND RAIL WOOD DOORS
MANUF: TBD
TYPE: WHITE OAK
COLOR: TBD

ALUMIN.-FRAMED ENTRANCES AND STOREFRONTS MANUF: TBD
FINISH: TBD

TOILET COMPARTMENTS

TOILET COMPARTMENTS MANUF: SCRANTON PRODUCTS ARIA PARTITIONS
COLOR: SHALE

MILLWORK

SS-1 SOLID SURFACE
MANUF: PRESTIGE STONE BY BPI
COLOR: LEGION PS8732
(COUNTERTOPS AND BACKSPLASH)

LAM-1 PLASTIC LAMINATE 1
MANUF: FORMICA
COLOR: PEARL
(UPPER CABINETS)

LAM-2 PLASTIC LAMINATE 2
MANUF: FORMICA
COLOR: PUMICE
(BASE CABINETS)

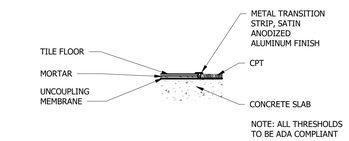
WP-1 WOOD PANELING
MANUF: TBD
STYLE: WHITE OAK
COLOR: TBD
(JUDGE'S BENCH AND WAINSCOTTING)

FINISH NOTES

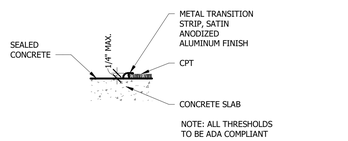
1. FLOOR FINISHES TO BE CONTINUOUS UNDER ALL NEW CASEWORK.
2. ALL OUTSIDE CORNERS OF GYP. BD. WALLS TO RECEIVE CORNER REINFORCEMENT.
3. BLACK ADHESIVE IS NOT TO BE USED FOR VCT, VRB, OR RB

ROOM / FINISH SCHEDULE

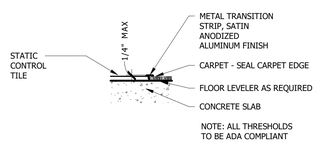
NUMBER	NAME	FLOOR	BASE	N. WALL	E. WALL	S. WALL	W. WALL	COMMENTS
101	STAIR	RT-1, EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
102	MECH	EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
103	ELEV	TER-1	-	-	-	-	-	
104	CONFERENCE ROOM	CPT-1, CPT-2	RB -1	PNT-2	PNT-1	PNT-1	PNT-1	
105	CORR.	PT-2	WDB-1	PNT-1	PNT-1	PNT-1	PNT-1	
106	ALCOVE	PT- 2	WDB-1	PNT-1	PNT-1	PNT-1	PNT-1	
107	CONFERENCE ROOM	CPT-1	RB -1	PNT-1	PNT-2	PNT-1	PNT-1	
108	ELEC.	EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
109	KITCHENETTE	PT-2	PTB-1	PNT-1	PNT-1, CTW-1, CTW-2	PNT-1	PNT-1	
110	STAIR	RT-1, EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
111	JAN.	EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
112	MEN	PT-1	ST-1	PNT-1, PTW-1	PNT-1	PNT-1	PNT-1	
113	WOMEN	PT-1	ST-1	PNT-1	PNT-1	PNT-1, PTW-1	PNT-1	
114	I.T. OFFICE	CPT-2	RB -1	PNT-1	PNT-1	PNT-1	PNT-1	
115	CORRIDOR	PT- 2	WDB-1	PNT-1	PNT-1	PNT-1	PNT-1	
116	SERVER ROOM	STC-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
117	STOR./FUTURE OFFICE	CPT-2	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
118	STOR.	EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
119	EM RADIO ROOM	EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
201	GALLERY	TER-1, TER-2	WDB-1	PNT-1	PNT-2	PNT-1	PNT-1	
202	TOILET	TER-1, TER-2	ST-1,WDB-1	PNT-1,WC	PNT-1, WC	PTW-2, WC	PTW-2, WC, PNT-1	
202A	STORAGE	EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
203	STAIR	RT-1, EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
204	CITY MANAGER OFFICE	CPT-1	RB -1	PNT-1	PNT-1	PNT-1	PNT-1	
205	CITY RECORDER	CPT-1	RB -1	PNT-1	PNT-1	PNT-1	PNT-1	
206	RECORDS OFFICE	CPT-1	RB -1	PNT-1	PNT-1	PNT-1	PNT-1	
207	ELEV.	TER-1	-	-	-	-	-	
208	ELEV. EQ.	SC	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
209	KITCHEN	PT- 2	PTB-1	PNT-1	PNT-1	PNT-1, CTW-1, CTW-2	PNT-1, CTW-1, CTW-2	
210	PROJECT OFFICE	CPT-1	RB -1	PNT-1	PNT-1	PNT-1	PNT-1	
211	CORRIDOR	PT- 2	WDB-1	PNT-1	PNT-1	PNT-1	PNT-1	
212	HR OFFICE	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
213	RECORDS	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
214	BENEFITS OFFICE	CPT-1	RB -1	PNT-1	PNT-1	PNT-1	PNT-1	
215	FINANCE OFFICE	CPT-1	RB -1	PNT-1	PNT-1	PNT-1	PNT-1	
216	WORK ROOM	EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
217	STOR.	EP-1	RB -1	PNT-1	PNT-1	PNT-1	PNT-1	
218	MAYOR'S OFFICE	CPT-1	RB -1	PNT-1	PNT-1	PNT-1	PNT-1	
219	MAIN STREET	CPT-1	RB -1	PNT-1	PNT-1	PNT-1	PNT-1	
220	STAIR	RT-1,EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
221	TOILET	TER-1,TER-2	ST-1,WDB-1	PTW-2, WC	PNT-1, WC	PNT-1, WC	PTW-2, WC, PNT-1	
221A	JANITOR	EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
222	CORR.	PT-2	WDB-1	PNT-1	PNT-1	PNT-1	PNT-1	
223	VESTIBULE	PT-2	WDB-1	PNT-1	PNT-1	PNT-1	PNT-1	
224	CODE ADM.	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
225	CONFERENCE	CPT-1, CPT-2	RB-1	PNT-1	PNT-1	PNT-1	PNT-2	
226	WORK AREA	PT- 2	WDB-1	PNT-1	PNT-1	PNT-1	PNT-1	
228	A.P. OFFICE	CPT-1	RB -1	PNT-1	PNT-1	PNT-1	PNT-1	
229	C.C. OFFICE	CPT-1	RB -1	PNT-1	PNT-1	PNT-1	PNT-1	
230	CORR.	PT-2	WDB-1	PNT-1	PNT-1	PNT-1	PNT-1	
231	LOBBY	TER- 1, TER-2	WDB-1	PNT-1	PNT-1	PNT-1	PNT-1, PNT-2, CTW-1, CTW-2	
232	WOMEN	PT-1	ST-1	PNT-1, PTW-1	PNT-1	PNT-1, PTW-1	PNT-1	
233	MEN	PT-1	ST-1	PNT-1, PTW-1	PNT-1	PNT-1, PTW-1	PNT-1	
234	STOR.	EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
235	COURT / COUNCIL ROOM	TER-1, TER-2, CPT-2	WDB-1	PNT-1, PNT-2	PNT-1, PNT-2	PNT-1, PNT-2, WD PANEL	PNT-1, PNT-2	
236	STORAGE	EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
237	VEST.	EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
301	STAIR	RT-1, EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
302	G.I.S. OFFICE	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
303	CITY ENGINEER	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
304	ELEV. LOBBY	PT-2	WDB-1	PNT-1	PNT-1	PNT-1	PNT-1	
305	ELEV.	TER-1	-	-	-	-	-	
306	PLANNER	CPT-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
307	BUILDING & CODES	CPT-1	PNT-1	PNT-1	PNT-1	PNT-1	PNT-1	
308	MECH.	EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
309	TOILET	PT-1	ST-1	PNT-1	PNT-1	PNT-1	PTW-1	
310	STAIR	RT-1, EP-1	RB-1	PNT-1	PNT-1	PNT-1	PNT-1	
311	CORRIDOR	PT-2	WDB-1	PNT-1	PNT-1	PNT-1	PNT-1	



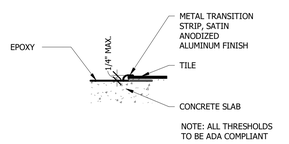
1 TILE TO CPT TRANSITION
3" = 1'-0"



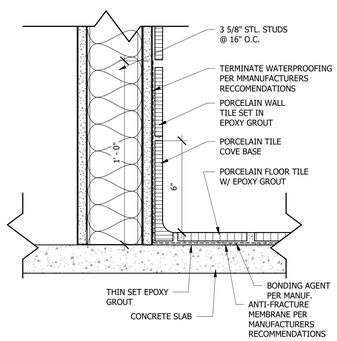
2 SC TO CPT TRANSITION
3" = 1'-0"



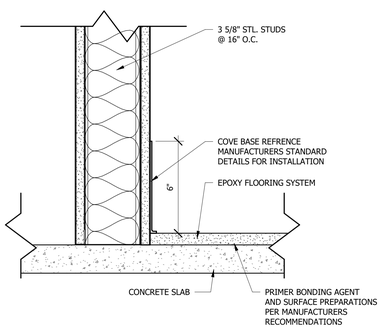
3 CPT TO STC TRANSITION
3" = 1'-0"



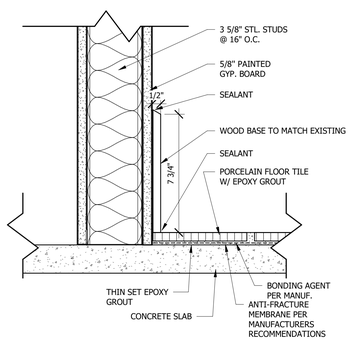
4 TILE TO EP TRANSITION
3" = 1'-0"



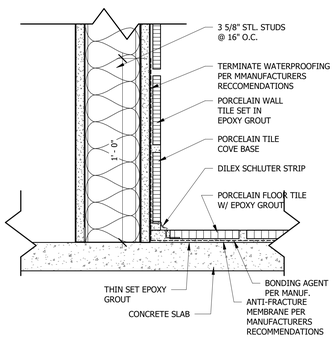
5 TYP. PORCELAIN TILE BASE DETAIL
3" = 1'-0"



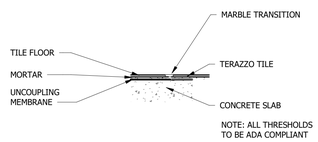
6 TYP. RUBBER BASE DETAIL
3" = 1'-0"



7 TYP. WOOD BASE DETAIL
3" = 1'-0"



8 TYP. SCHLUTER STRIP BASE DETAIL
3" = 1'-0"



9 TILE TO TER TRANSITION
3" = 1'-0"

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ROBERT MICHAEL THOMAS — REGISTERED ARCHITECT — CERTIFICATE NO. 104496 — STATE OF TENNESSEE
1 FEBRUARY 2026

WINCHESTER CITY HALL

7 S HIGH ST, SUITE 1
WINCHESTER, TN 37398

CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

FINISH SCHEDULE

JOB NO: 63492 DRAWN: ESR
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

A12.4

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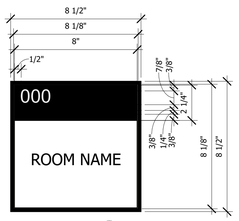
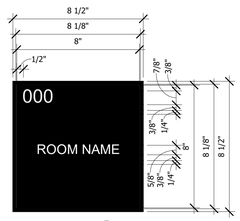


SIGN TYPE A (A)

INSERT SIZE: 8" W X 8" H
INSERT: CLEAR LENS
BAND COLOR: AS SELECTED BY ARCHITECT
FONT: HELVETICA
FONT COLOR: AS SELECTED BY ARCHITECT
BRAILLE: GRADE II BRAILLE
BRAILLE COLOR: AS SELECTED BY ARCHITECT
INSERT MATERIAL: PAPER
INSERT FONT: HELVETICA
INSERT FONT COLOR: AS SELECTED BY ARCHITECT
FRAME:
FRAME SIZE: 8 1/2" W X 8 1/2" H
FRAME COLOR: AS SELECTED BY ARCHITECT
CORNERS: SQUARE
MOUNTING: TAPE MOUNT



SIGN TYPE B (B)

INSERT SIZE: 8" W X 8" H
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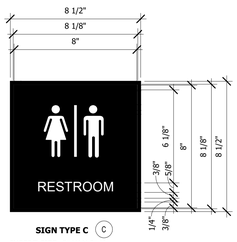
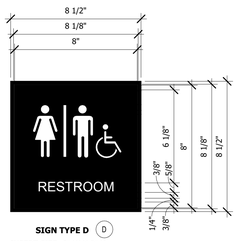
FONT: HELVETICA
FONT COLOR: AS SELECTED BY ARCHITECT
BRAILLE: GRADE II BRAILLE
BRAILLE COLOR: AS SELECTED BY ARCHITECT
FRAME:
FRAME SIZE: 8 1/2" W X 8 1/2" H
FRAME COLOR: AS SELECTED BY ARCHITECT
CORNERS: SQUARE
MOUNTING: TAPE MOUNT



SIGN TYPE C (C)

INSERT SIZE: 8" W X 8" H
FRAME SIZE: 8 1/2" W X 8 1/2" H

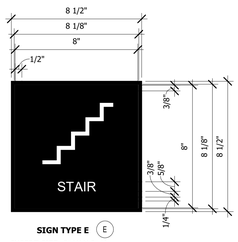
FRAME COLOR: AS SELECTED BY ARCHITECT
INSERT COLOR: AS SELECTED BY ARCHITECT
FONT: HELVETICA
FONT COLOR: AS SELECTED BY ARCHITECT
BRAILLE: GRADE II BRAILLE
BRAILLE COLOR: AS SELECTED BY ARCHITECT
PICTOGRAM COLOR: AS SELECTED BY ARCHITECT
CORNERS: SQUARE
MOUNTING: TAPE MOUNT



SIGN TYPE D (D)

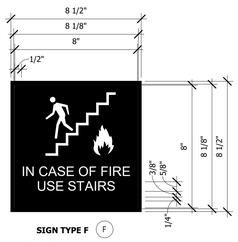
INSERT SIZE: 8" W X 8" H
FRAME SIZE: 8 1/2" W X 8 1/2" H

FRAME COLOR: AS SELECTED BY ARCHITECT
INSERT COLOR: AS SELECTED BY ARCHITECT
FONT: HELVETICA
FONT COLOR: AS SELECTED BY ARCHITECT
BRAILLE: GRADE II BRAILLE
BRAILLE COLOR: AS SELECTED BY ARCHITECT
PICTOGRAM COLOR: AS SELECTED BY ARCHITECT
CORNERS: SQUARE
MOUNTING: TAPE MOUNT



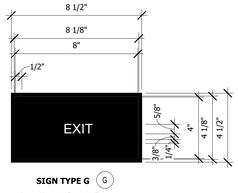
SIGN TYPE E (E)

INSERT SIZE: 8" W X 8" H
INSERT COLOR: AS SELECTED BY ARCHITECT
FONT: HELVETICA
FONT COLOR: AS SELECTED BY ARCHITECT
BRAILLE: GRADE II BRAILLE
BRAILLE COLOR: AS SELECTED BY ARCHITECT
FRAME:
FRAME SIZE: 8 1/2" W X 8 1/2" H
FRAME COLOR: AS SELECTED BY ARCHITECT
CORNERS: SQUARE
MOUNTING: TAPE MOUNT



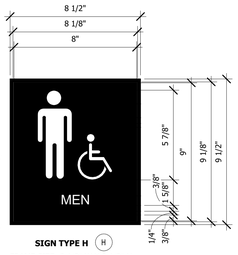
SIGN TYPE F (F)

INSERT SIZE: 8" W X 8" H
INSERT COLOR: AS SELECTED BY ARCHITECT
FONT: HELVETICA
FONT COLOR: AS SELECTED BY ARCHITECT
BRAILLE: GRADE II BRAILLE
BRAILLE COLOR: AS SELECTED BY ARCHITECT
FRAME:
FRAME SIZE: 8 1/2" W X 8 1/2" H
FRAME COLOR: AS SELECTED BY ARCHITECT
CORNERS: SQUARE
MOUNTING: TAPE MOUNT



SIGN TYPE G (G)

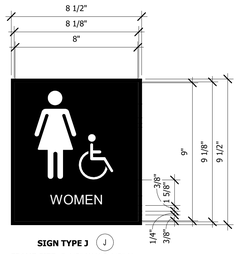
INSERT SIZE: 8" W X 4" H
FRAME SIZE: 8 1/2" W X 4 1/2" H
FRAME COLOR: AS SELECTED BY ARCHITECT
INSERT COLOR: AS SELECTED BY ARCHITECT
FONT: HELVETICA
FONT COLOR: AS SELECTED BY ARCHITECT
BRAILLE: GRADE II BRAILLE
BRAILLE COLOR: AS SELECTED BY ARCHITECT
CORNERS: SQUARE
MOUNTING: TAPE MOUNT



SIGN TYPE H (H)

FRAME SIZE: 8 1/2" W X 9 1/2" H

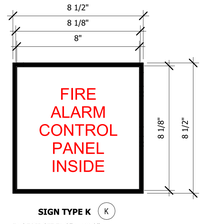
FRAME COLOR: AS SELECTED BY ARCHITECT
INSERT COLOR: AS SELECTED BY ARCHITECT
FONT: HELVETICA
FONT COLOR: AS SELECTED BY ARCHITECT
BRAILLE: GRADE II BRAILLE
BRAILLE COLOR: AS SELECTED BY ARCHITECT
PICTOGRAM COLOR: AS SELECTED BY ARCHITECT
CORNERS: SQUARE
MOUNTING: TAPE MOUNT



SIGN TYPE J (J)

FRAME SIZE: 8 1/2" W X 9 1/2" H

FRAME COLOR: AS SELECTED BY ARCHITECT
INSERT COLOR: AS SELECTED BY ARCHITECT
FONT: HELVETICA
FONT COLOR: AS SELECTED BY ARCHITECT
BRAILLE: GRADE II BRAILLE
BRAILLE COLOR: AS SELECTED BY ARCHITECT
PICTOGRAM COLOR: AS SELECTED BY ARCHITECT
CORNERS: SQUARE
MOUNTING: TAPE MOUNT

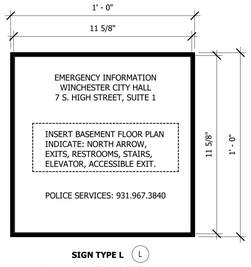


SIGN TYPE K (K)

INSERT SIZE: 8" W X 8" H

INSERT COLOR: WHITE

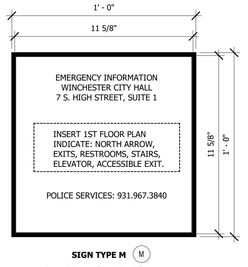
FONT: HELVETICA
FONT COLOR: RED
FRAME:
FRAME SIZE: 8 1/2" W X 8 1/2" H
FRAME COLOR: AS SELECTED BY ARCHITECT
CORNERS: SQUARE
MOUNTING: TAPE MOUNT



SIGN TYPE L (L)

INSERT SIZE: 11" W X 8 1/2" H
INSERT: CLEAR LENS
INSERT COLOR: WHITE
INSERT MATERIAL: PAPER
MOUNTING: TAPE MOUNT

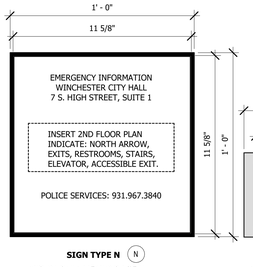
DESIGNED BY SIGN MANUFACTURER TO BE APPROVED BY OWNER



SIGN TYPE M (M)

INSERT SIZE: 11" W X 8 1/2" H
INSERT: CLEAR LENS
INSERT COLOR: WHITE
INSERT MATERIAL: PAPER
MOUNTING: TAPE MOUNT

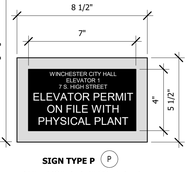
DESIGNED BY SIGN MANUFACTURER TO BE APPROVED BY OWNER



SIGN TYPE N (N)

INSERT SIZE: 11" W X 8 1/2" H
INSERT: CLEAR LENS
INSERT COLOR: WHITE
INSERT MATERIAL: PAPER
MOUNTING: TAPE MOUNT

DESIGNED BY SIGN MANUFACTURER TO BE APPROVED BY OWNER

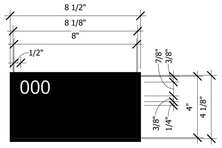


SIGN TYPE P (P)

FRAME PROVIDED BY SCHINDLER
PERMIT SIGN PROVIDED BY U of M

SIGN TYPE S (S)

SIZE: 14" W X 5" H
BACKING: ALUMINUM
COLOR: TO MATCH DOOR
LETTERING: 3M HIGH PERF. VINYL
FONT COLOR: BLACK
MOUNTING: TAPE MOUNT



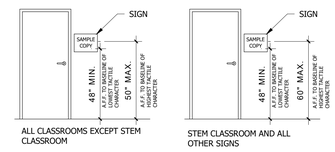
SIGN TYPE T (T)

SIGN SIZE:
INSERT SIZE: 8" W X 4" H
FRAME SIZE: 8 1/2" W X 4 1/2" H

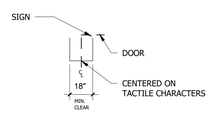
FRAME COLOR: BLACK
INSERT COLOR: BLACK
FONT: HELVETICA
FONT COLOR: WHITE
BRAILLE: GRADE II BRAILLE
BRAILLE COLOR: WHITE
CORNERS: SQUARE
MOUNTING: TAPE MOUNT

ADA SIGN MOUNTING

NOTE:
1. ALL SIGNS TO BE PER DEPARTMENT OF JUSTICE 2010 ADA STANDARDS



ELEVATION OF INSTALLATION HEIGHT OF CHARACTERS ABOVE FINISHED FLOOR



PLAN OF THE LOCATION OF TACTILE SIGNS AT DOORS

SIGNS

NOTE:
1. PROVIDE A SIGN FOR EVERY DOORWAY, WHETHER IT HAS A DOOR OR NOT.
2. ALL SIGNS MOUNTED ON GLAZING TO HAVE A BACKPLATE THAT MATCHES THE SIGNS FRAME MATERIAL OF THE SIGN, IN ORDER TO HIDE THE ADHESIVE.

Allen&Hoshall
engineers • architects • surveyors

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REGISTERED ARCHITECT
1/9/2026
No. 101460
STATE OF TENNESSEE

WINCHESTER CITY HALL

7 S HIGH ST, SUITE 1
WINCHESTER, TN 37398

CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

SIGNAGE AND GRAPHICS

JOB NO: 63492 DRAWN: RMT
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

A13.1

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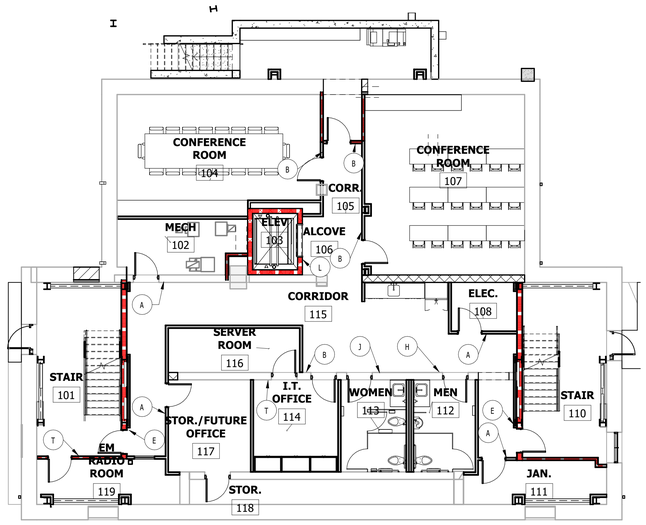

1 BASEMENT LEVEL - SIGNAGE PLAN

1/8" = 1'-0"

2 GROUND FLOOR - SIGNAGE PLAN

1/8" = 1'-0"

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1/9/2026
No. 101460
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WINCHESTER CITY HALL

7 S HIGH ST, SUITE 1
WINCHESTER, TN 37398

CITY OF WINCHESTER, TENNESSEE

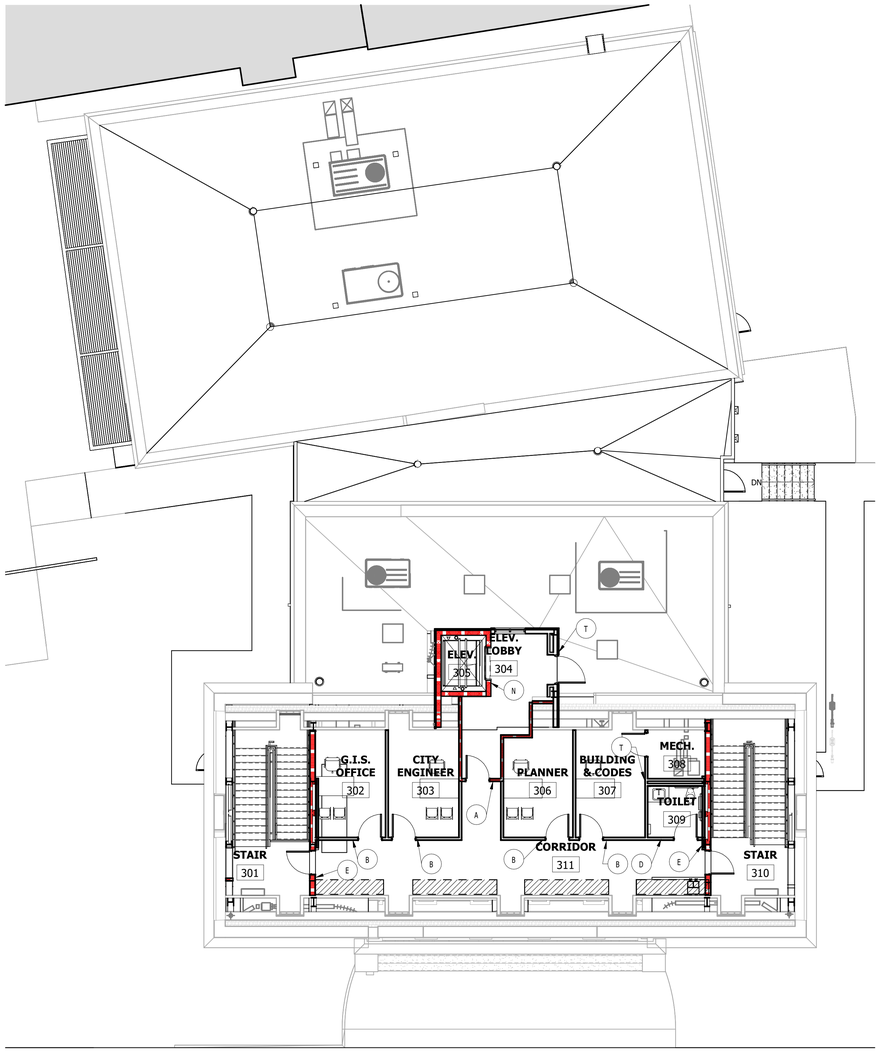
No.	Revision Description	Date

SIGNAGE PLANS

JOB NO: 63492 DRAWN: RMT
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

A13.2

Plotted on: 2/9/2026 1:32:50 PM



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

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Robert M Thunz
1/9/2026
No. 101460
STATE OF TENNESSEE

WINCHESTER CITY HALL

7 S HIGH ST, SUITE 1
WINCHESTER, TN 37398

CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

SIGNAGE PLAN

JOB NO: 63492 DRAWN: RMT
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

A13.3

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STRUCTURAL GENERAL NOTES

(APPLIES TO SX.X SERIES SHEETS ONLY.)

ABBREVIATIONS

ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
APPROX	APPROXIMATE(LY)
ARCH	ARCHITECTURAL
BC	BOTTOM CHORD
BLDG	BUILDING
BM	BEAM
BTM	BOTTOM
BP	BASE PLATE
BRG	BEARING
BS	BOTH SIDES
BW	BOTH WAYS
C	COMPRESSION
CHNL	CHANNEL
CJ	CONSTRUCTION JOINT
CL	CENTERLINE
CLR	CLEAR OR CLEARANCE
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUOUS
COORD	COORDINATE
D	DEPTH
DIA,Ø	DIAMETER
DIM	DIMENSION
DWG	DRAWING
DWL	DOWEL
EA	EACH
EF	EACH FACE
ELEC	ELECTRICAL
ELEV	ELEVATION
EMBED	EMBEDMENT
EOS	EDGE OF SLAB
EQ	EQUAL
EQUIP	EQUIPMENT
EW	EACH WAY
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
FND	FOUNDATION
FFE	FINISHED FLOOR ELEVATION
FP	FULL PENETRATION
FS	FAR SIDE
FTG	FOOTING
GA	GAGE OR GAUGE
GALV	GALVANIZED
HORIZ	HORIZONTAL
HS	HEADED STUD
INSUL	INSULATION
INT	INTERIOR
JST	JOIST
JT	JOINT
K	KIPS (1000 LBS.)
KSI	KIPS PER SQUARE INCH
LB,#	POUNDS
LD	DEVELOPMENT LENGTH
LL	LIVE LOAD
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG	LONGITUDINAL
LWC	LIGHTWEIGHT CONCRETE
MANUF	MANUFACTURER
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MEZZ	MEZZANINE
MID	MIDDLE
MIN	MINIMUM
MISC	MISCELLANEOUS
MTL	METAL
N/A	NOT APPLICABLE
NS	NEAR SIDE
NTS	NOT TO SCALE
O.C.	ON CENTER
OF	OUTSIDE FACE
OPNG	OPENING
OPP	OPPOSITE
PERP	PERPENDICULAR
PL	PLATE
PEMB	PRE-ENGINEERED METAL BUILDING
PRELIM	PRELIMINARY
PROJ	PROJECTION
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
RAD	RADIUS
RD	ROOF DRAIN
REINF	REINFORCING (-ED, -MENT)
REQ'D	REQUIRED
REV	REVISION
RW	RETAINING WALL
SCHED	SCHEDULE (D)
SECT	SECTION
SHT	SHEET
SIM	SIMILAR
SJ	SEISMIC JOINT
SMF	SPECIAL MOMENT FRAME
SPEC	SPECIFICATIONS(S)
SQ	SQUARE
SS	STAINLESS STEEL
STRUCT	STRUCTURE
SYM	SYMMETRICAL
T	TOP, TENSION
T/,T.O.	TOP OF
T/CONC	TOP OF CONCRETE
T/FTG	TOP OF FOOTING
T/SLAB	TOP OF SLAB
T&B	TOP & BOTTOM
TEMP	TEMPERATURE
THK	THICKNESS
TOS	TOP OF STEEL
TOW	TOP OF WALL
TRNV	TRANSVERSE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VERT	VERTICAL
W/	WITH
W/O	WITHOUT
WP	WORK POINT
WWF	WELDED WIRE FABRIC

A. DESIGN CRITERIA

1. THE STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, 2021 EDITION.

   1.1 PROVISIONS HAVE NOT BEEN MADE FOR FUTURE VERTICAL EXPANSION.

2. GRAVITY LOADS

   2.1 UNIFORM DEAD LOADS (IN ADDITION TO STRUCTURE SELF-WEIGHT):

   A. FLOOR
   - a. 4" CONCRETE SLAB 50 PSF
   - b. 6" CONCRETE SLAB 75 PSF
   - c. WOOD FLOORING 20 PSF
   - d. CONCRETE BEAMS 67 PSF

   B. ROOF
   - a. SLATE ROOF 20 PSF
   - b. CONNECTOR ROOF 16 PSF

   2.2 UNIFORM LIVE LOADS (REDUCED AS ALLOWED BY THE BUILDING CODE):

   A. ROOF 20 PSF
   B. 1ST FLOOR CORRIDOR 100 PSF
   C. 2ND FLOOR CORRIDOR 80 PSF
   C. STAIRS & LOBBIES 100 PSF

   2.3 ROOF SNOW LOAD DATA:

   A. GROUND SNOW LOAD 10 PSF
   B. RISK CATEGORY II
   C. IMPORTANCE FACTOR 1.0
   D. THERMAL FACTOR (Ct) 1.0
   E. EXPOSURE FACTOR (Ce) 1.0
   F. FLAT SNOW LOAD (Pf) 8.4 PSF

   2.5 LOADS FOR HANDRAILS, GUARDS, GRAB BARS AND SEATS. THESE ARE CONSIDERED SPECIAL LOADS.

   A. LINEAR LOAD 50 PLF
   B. HANDRAILS & GUARDS CONC. LOAD 200 LB AT ANY LOCATION
   C. INTERMEDIATE RAIL, BALASTERS, ETC. 50 LB AT ANY LOCATION

3. WIND DESIGN DATA:

   A. RISK CATEGORY II
   B. BASIC DESIGN WIND SPEED 105 MPH
   C. ASD WIND SPEED 81.3 MPH
   D. WIND EXPOSURE B
   E. INTERNAL PRESSURE COEFFICIENT +/-.18
   F. DESIGN PRESSURES FOR COMPONENTS & CLADDING (FOR DELEGATED DESIGN)-SEE DIAGRAM SHEET S0.1 - COMPONENTS & CLADDING REQUIREMENT FOR DELEGATED DESIGN NOT PERFORMED BY E.O.R.

4. EARTHQUAKE LOADS: (35.185557, -86.112896) ELEVATION= 977 FT

   A. SEISMIC RISK CATEGORY II
   B. SEISMIC IMPORTANCE FACTOR 1.00
   C. SITE SPECIFIC PROBABILISTIC SEISMIC HAZARD ANALYSIS BY TERRACON, DATED JULY 16, 2025, PROJECT NO. 18255095
      - a. SPECTRAL RESPONSE COEFFICIENTS $S_s = 0.276$, $S_1 = 0.115$
      - b. DESIGN SPECTRAL RESPONSE COEFFICIENTS $S_{DS} = 0.239$, $S_{D1} = 0.776$
      - C. SITE CLASS C
   D. SEISMIC DESIGN CATEGORY B
   E. SEISMIC RESISTING SYSTEM FOR MAIN BUILDING STEEL ORDINARY CONCENTRICALLY BRACED FRAMES
   F. DESIGN BASE SHEAR V = 42.3 KIPS
   G. SEISMIC RESPONSE COEFFICIENT(S) $C_s = 0.074$
   H. RESPONSE MODIFICATION FACTOR R = 3.25
   I. DEFLECTION AMPLIFICATION FACTOR $C_d = 3.25$
   J. SYSTEM OVERSTRENGTH FACTOR $\Omega_0 = 2.0$
   K. ANALYSIS PROCEDURE EQUIVALENT LATERAL FORCE
   L. SEISMIC RESISTING SYSTEM FOR CONNECTOR BUILDING ORDINARY MOMENT FRAMES
   M. DESIGN BASE SHEAR(S) V = 11.17 KIPS
   N. SEISMIC RESPONSE COEFFICIENT(S) $C_s = 0.074$
   O. RESPONSE MODIFICATION FACTOR R = 3.5
   P. DEFLECTION AMPLIFICATION FACTOR $C_d = 3.0$
   Q. SYSTEM OVERSTRENGTH FACTOR $\Omega_0 = 3.0$
   R. ANALYSIS PROCEDURE EQUIVALENT LATERAL FORCE

6. ROOF RAIN LOAD DATA: PER NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION PRECIPITATION FREQUENCY DATA SERVER.

   6.1 100 YEAR, 1 HOUR RAIN INTENSITY= 3.89 IN/HR

   6.2 100 YEAR, 15 MIN RAIN INTENSITY = 7.37 IN/HR

   6.3 MINIMUM RAIN LOAD= 5.2 PCI(DEPTH OF WATER ON UNDEFLECTED ROOF TO SECONDARY INLET (STATIC) + DEPTH OF WATER ABOVE SECONDARY INLET AT DESIGN FLOW (HEAD))

   6.4 PONDING INSTABILITY- EVALUATED PER SECTION 8.4 OF ASCE 7-16

B. CONTRACT DOCUMENTS

1. CONTRACT DOCUMENTS INCLUDE, BUT ARE NOT LIMITED TO, THE STRUCTURAL DOCUMENTS (DRAWINGS AND SPECIFICATIONS), BUT DO NOT INCLUDE SHOP DRAWINGS, VENDOR DRAWINGS, OR MATERIAL PREPARED AND SUBMITTED BY THE CONTRACTOR.

2. IN THE EVENT CONTRACT DOCUMENTS CONFLICT WITH THE CODE OF PRACTICE OR SPECIFICATIONS OF ACI, PCI, AISC, AISI, SJI OR OTHER STANDARDS, IMMEDIATELY CONTACT STRUCTURAL ENGINEER FOR CLARIFICATION.

3. THE CONTRACTOR SHALL COORDINATE ALL DISCIPLINE TRADES INCLUDED IN THE CONTRACT DOCUMENTS TO RESULT IN A COMPLETE BUILDING SYSTEM. THE WORK OF THE TRADES AND THEIR SEQUENCE SHALL BE PLANNED PRIOR TO CONSTRUCTION AND THE CONTRACT DOCUMENTS USED AS A TOTAL PACKAGE. CONTRACTOR IS RESPONSIBLE FOR COORDINATING AND SCHEDULING ALL SUBCONTRACTORS IN A MANNER THAT ENSURES CONSTRUCTION CAN PROGRESS UNIMPEDED. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT/ ENGINEER OF ANY DISCREPANCIES.

4. NO PROVISION OF ANY REFERENCED STANDARD SPECIFICATION, MANUAL OR CODE (WHETHER OR NOT SPECIFICALLY INCORPORATED BY REFERENCE IN THE CONTRACT DOCUMENTS) SHALL BE EFFECTIVE TO CHANGE THE DUTIES AND RESPONSIBILITIES OF THE OWNER, CONTRACTOR, ENGINEER, SUPPLIER, OR ANY OF THEIR CONSULTANTS, AGENTS, OR EMPLOYEES FROM THOSE SET FORTH IN THE CONTRACT DOCUMENTS. NOR SHALL IT BE EFFECTIVE TO ASSIGN TO THE STRUCTURAL ENGINEER OF RECORD OR ANY OF THE STRUCTURAL ENGINEER OF RECORD'S CONSULTANTS, AGENTS, OR EMPLOYEES ANY DUTY OR AUTHORITY TO SUPERVISE OR DIRECT THE FURNISHING OR PERFORMANCE OF THE WORK OR ANY DUTY OR AUTHORITY TO UNDERTAKE RESPONSIBILITIES CONTRARY TO THE PROVISIONS OF THE CONTRACT DOCUMENTS.

5. REFERENCE TO STANDARD SPECIFICATIONS OF ANY TECHNICAL SOCIETY, ORGANIZATION, OR ASSOCIATION OR TO CODES OF LOCAL OR STATE AUTHORITIES, SHALL MEAN THE STANDARD, CODE, OR SPECIFICATION REFERENCED BY THE EDITION OF THE BUILDING CODE LISTED IN THE DESIGN CRITERIA LISTED IN SECTION A.

6. DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH DIMENSIONS SHOWN ON ARCHITECTURAL DRAWINGS.

C. CONTRACTOR RESPONSIBILITIES

1. CONTRACTOR SHALL IMMEDIATELY UPON NOTICE TO PROCEED VERIFY THE DIMENSIONS, ELEVATIONS AND SITE CONDITIONS BEFORE STARTING WORK. ARCHITECT/STRUCTURAL ENGINEER SHALL BE IMMEDIATELY NOTIFIED OF ANY DISCREPANCY.

2. CONTRACTOR SHALL IMMEDIATELY NOTIFY, IN WRITING, THE ARCHITECT/STRUCTURAL ENGINEER OF CONDITIONS ENCOUNTERED IN THE FIELD DURING CONSTRUCTION THAT ARE CONTRADICTORY TO THOSE SHOWN ON THE CONTRACT DOCUMENTS.

3. CONTRACTOR SHALL VERIFY THE WEIGHTS, OPENING SIZES AND LOCATIONS OF THE FINAL SELECTED EQUIPMENT WITH THE EQUIPMENT IDENTIFIED ON THE STRUCTURAL DRAWINGS AND REMAINING CONTRACT DOCUMENTS.

4. CONTRACTOR HAS SOLE RESPONSIBILITY FOR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION.

5. CONTRACTOR HAS SOLE RESPONSIBILITY FOR THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC.

6. CONTRACTOR HAS SOLE RESPONSIBILITY TO COMPLY WITH ALL OSHA SAFETY REGULATIONS.

7. CONTRACTOR SHALL PROVIDE MATERIAL, WORKMANSHIP, AND DELEGATED DESIGN TO CONFORM TO THE REFERENCED BUILDING CODE.

SPECIFIC FIELD VERIFICATION REQUIREMENTS:

8. **ELEVATOR AREA:**
   - A. VERIFY TOP OF FOOTING ELEVATIONS AND THICKNESS FOR WALL AND COLUMN FOOTINGS
   - B. PROVIDE DIMENSIONS OF FOOTING PROJECTIONS FROM FACE OF COLUMN (BOTH DIRECTIONS) AND FROM FACE OF WALL TO FOOTING EDGE
   - C. VERIFY WALL THICKNESS BEHIND ELEVATOR
   - D. LOCATE WIDTH AND DEPTH OF EXISTING BEAMS MARKED FOR DEMO FROM COMMON REFERENCE POINT
   - E. CONSIDER GROUND PENETRATING RADAR OR OTHER NON DESTRUCTIVE METHODS TO VERIFY FOOTINGS AND MINIMIZE SLAB DEMO
   - **F.** REPORT ALL FINDINGS TO STRUCTURAL ENGINEER OF RECORD PRIOR TO ANY COMPONENT INSTALLATION.

9. **STAIRWAYS (LEFT & RIGHT):**
   - A. VERIFY DEPTH TO FOOTING BASE FOR ALL FOUNDATION SUPPORT AROUND BOTH STAIRWAYS
   - B. LOCATE FOUNDATION EDGE FROM FACE OF WALL
   - C. ESTABLISH CLEAR DIMENSIONS BETWEEN EXTERIOR WALLS FROM FACE OF BRICK BY SURVEY
   - D. LOCATE WIDTH AND DEPTH OF EXISTING CONCRETE BEAMS FOR DEMO AT GROUND FLOOR FROM COMMON REFERENCE POINT
   - **E.** REPORT ALL FINDINGS TO STRUCTURAL ENGINEER OF RECORD PRIOR TO ANY COMPONENT INSTALLATION.

10. **EXISTING FIRE HALL OPENING:**
    - A. ESTABLISH LOCATION, WIDTH, AND HEIGHT OF EXISTING OPENINGS IN WEST WALL BY SURVEY
    - B. LOCATE AND PROVIDE DIMENSIONS FOR EXISTING COLUMN FROM BOTH ENDS OF OPENINGS
    - C. LOCATE SOUTH END OF OPENING FROM SOUTHWEST CORNER OF FIRE HALL
    - **D.** REPORT ALL FINDINGS TO STRUCTURAL ENGINEER OF RECORD PRIOR TO ANY COMPONENT INSTALLATION.

11. **CONNECTOR BUILDING:**
    - A. AFTER DEMO: VERIFY TOP OF FOOTING ELEVATIONS AND PROJECTIONS FROM FACE OF REMAINING FIRE HALL WALL AND BASEMENT WALL
    - **B.** REPORT ALL FINDINGS TO STRUCTURAL ENGINEER OF RECORD PRIOR TO ANY COMPONENT INSTALLATION.

12. **SECOND FLOOR & ROOF:**
    - A. FIELD LOCATE ROOF RAFTERS, EXISTING FLOOR GIRDERS, AND JOISTS (TO THE EXTENT POSSIBLE) IN ALL AREAS MODIFIED FOR NEW CONSTRUCTION
    - B. CONTRACTOR TO PROVIDE SHORING AS REQUIRED FROM SUPPORTED ELEVATION TO FOUNDATION LEVEL.
    - **C.** REPORT ALL FINDINGS TO STRUCTURAL ENGINEER OF RECORD PRIOR TO ANY COMPONENT INSTALLATION.

13. **SUBMITTALS:**
    - A. **CONTRACTOR SHALL DOCUMENT ALL FIELD MEASUREMENTS, PROVIDE SURVEY AND TESTING RESULTS AND SUBMIT TO DESIGN TEAM FOR REVIEW PRIOR TO FABRICATION OF SHOP DRAWINGS.**

D. SUBMITTALS

1. SUBMITTAL REVIEW DOES NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH REQUIREMENTS OF THE DRAWINGS AND SPECIFICATIONS. THIS CHECK IS ONLY FOR REVIEW OF GENERAL CONFORMANCE WITH THE DESIGN CONCEPT OF THE PROJECT AND GENERAL COMPLIANCE WITH THE INFORMATION GIVEN IN THE CONTRACT DOCUMENTS. THE CONTRACTOR IS RESPONSIBLE FOR CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS; SELECTING FABRICATION PROCESS AND TECHNIQUES OF CONSTRUCTION; COORDINATING WORK WITH THAT OF ALL OTHER TRADES; AND PERFORMING WORK IN A SAFE AND SATISFACTORY MANNER.

2. ALLEN & HOSHALL MAINTAINS NO RESPONSIBILITY FOR THE DESIGN AND/OR REVIEW OF CONSTRUCTION ENGINEERING INCLUDING, BUT NOT LIMITED TO, ERECTION BRACING, SHORING, ADEQUACY OF STRUCTURES FOR TEMPORARY CONSTRUCTION LOADS, ETC. SUBMITTALS FOR THESE ITEMS WILL NOT BE REVIEWED BY ALLEN & HOSHALL.

3. CONTRACTOR SHALL MAKE PROVISION FOR REVIEW TIME OF ALL SUBMITTALS SUBMITTED TO ALLEN & HOSHALL OF NO LESS THAN 10 WORKING DAYS (14 CALENDAR DAYS) FROM THE DATE OF DELIVERY TO ALLEN & HOSHALL.

4. SUBMITTALS SHALL BE REPRESENTATIVE OF THE CONTRACTOR 'S INTERPRETATION OF THE CONTRACT DOCUMENTS TO ENSURE UNDERSTANDING OF THE PROJECT REQUIREMENTS. ANY SUBMITTALS WITH INFORMATION INDICATING TRANSFERENCE, COPYING, OR ANY OTHER FORM OF DUPLICATION OF DETAILS PRESENTED ON THE CONTRACT DOCUMENTS AS THEIR OWN WILL BE REJECTED.

E. SHALLOW FOUNDATIONS

1. FOUNDATION DESIGN IS BASED ON THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT PREPARED BY TERRACON DATED JULY 16, 2025. PROJECT NO. 18255095. STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR SUBSURFACE CONDITIONS ENCOUNTERED IN THE FIELD DIFFERENT FROM THOSE ASSUMED FOR DESIGN.

2. ALLOWABLE SOIL BEARING PRESSURES USED IN DESIGN. GEOTECHNICAL ENGINEERING FIRM TO FIELD VERIFY ALL DESIGN ASSUMPTIONS.
   - A. SPREAD FOOTINGS: ON ENGINEERED FILL
   - B. CONTINUOUS FOOTINGS: ON ENGINEERED FILL
   - C. MINIMUM EMBEDMENT DEPTH 24 IN.
   - D. LATERAL SOIL LOAD 50 PSF/FT ACTIVE PRESSURE; 70 PSF/FT AT REST PRESSURE

3. FOUNDATION EXCAVATIONS SHALL NOT BE LEFT OPEN OVERNIGHT.

4. PROTECT FOUNDATION EXCAVATIONS FROM SURFACE DRAINAGE. ALL WATER SHALL BE REMOVED FROM FOUNDATION EXCAVATIONS IMMEDIATELY. IF BOTTOMS OF EXCAVATIONS BECOME SOFTENED DUE TO WATER BEFORE FOOTINGS ARE CAST, THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL EXCAVATE THE SOFTENED MATERIAL AND REPLACE WITH LEAN CONCRETE.

5. FOOTING EXCAVATIONS SHALL BE OBSERVED AND TESTED BY AN APPROVED TESTING AGENCY PRIOR TO STEEL OR CONCRETE PLACEMENT IN ORDER TO ASSESS THAT THE FOUNDATION MATERIALS ARE CONSISTENT WITH ABOVE STATED SOIL BEARING CAPACITIES.

6. WHERE FOUNDATIONS ARE OVER EXCAVATED FOR ANY REASON, BACKFILL WITH CONCRETE, COMPACTED GRANULAR FILL, OR SELECT BACKFILL SPECIFIED BY THE STRUCTURAL ENGINEER.

7. FOUNDATIONS SHALL BEAR ON FIRM UNDISTURBED NATURAL SOIL OR COMPACTED FILL OR A PIER CAP AND PIERS SYSTEM DESIGNED BY A SPECIALTY FOUNDATION ENGINEER.

8. FILL PLACEMENT SHALL BEGIN AFTER SUBGRADE PREPARATION AND OBSERVATION BY THE APPROVED TESTING AGENCY HAVE BEEN COMPLETED.

9. IN THE EVENT THAT THE SOILS TEST RESULTS ARE DISAPPROVED, FOOTING EXCAVATIONS SHALL BE FURTHER EXCAVATED (UNDER THE DIRECTION OF THE SOILS ENGINEER) UNTIL SOILS OF ADEQUATE BEARING CAPACITY ARE ENCOUNTERED. BACKFILL UNDER FOOTINGS SHALL CONSIST OF LEAN CONCRETE WITH F'C = 2500 PSI @ 28 DAYS PLACED UP TO THE PROPOSED BOTTOM OF FOOTING ELEVATION.

10. CONTRACTOR SHALL VERIFY FOOTING ELEVATIONS AND FOOTING STEP LOCATIONS WITH SITE CONDITIONS AND UTILITIES, UNLESS NOTED OTHERWISE. NOTIFY ENGINEER OF FINAL FOOTING ELEVATIONS AND STEP LOCATIONS.

CONSTRUCTION ADJACENT TO EXISTING BUILDING

11. DIFFERENTIAL SETTLEMENT BETWEEN THE ADDITIONS AND THE EXISTING BUILDING IS EXPECTED TO APPROACH THE MAGNITUDE OF THE TOTAL SETTLEMENT OF THE ADDITION. EXPANSION JOINTS SHOULD BE PROVIDED BETWEEN THE EXISTING BUILDING AND THE PROPOSED ADDITION TO ACCOMMODATE DIFFERENTIAL MOVEMENTS BETWEEN THE TWO STRUCTURES. UNDERGROUND PIPING BETWEEN THE TWO STRUCTURES SHOULD BE DESIGNED WITH FLEXIBLE COUPLINGS AND UTILITY KNOCKOUTS IN FOUNDATION WALLS SHOULD BE OVERSIZED SO MINOR DEFLECTIONS IN ALIGNMENT DO NOT RESULT IN BREAKAGE OR DISTRESS. CARE SHOULD BE TAKEN DURING EXCAVATION ADJACENT TO EXISTING FOUNDATIONS TO AVOID DISTURBING EXISTING FOUNDATION BEARING SOILS.

E. SHALLOW FOUNDATIONS (Cont'd)

12. NEW FOOTINGS SHOULD BEAR AT OR NEAR THE BEARING ELEVATION OF IMMEDIATELY ADJACENT EXISTING FOUNDATIONS. DEPENDING UPON THEIR LOCATIONS AND CURRENT LOADS ON THE EXISTING FOOTINGS, FOOTINGS FOR THE NEW ADDITION COULD CAUSE SETTLEMENT OF ADJACENT WALLS. TO REDUCE THIS CONCERN AND RISK, CLEAR DISTANCES AT LEAST EQUAL TO THE NEW FOOTING WIDTHS SHOULD BE MAINTAINED BETWEEN THE ADDITION'S FOOTINGS AND FOOTINGS SUPPORTING THE EXISTING BUILDING. OR UNDERPIN THE EXISTING FOUNDATION. ALL EXCAVATIONS TO BE COORDINATED WITH A GEOTECHNICAL ENGINEER.

13. ALL PIPES (WATER LINES, SEWER LINES, ETC.) AND CONDUITS RUNNING THROUGH WALLS / SLABS SHALL BE PROTECTED WITH ½" EXPANSION MATERIAL.

14. CONTINUOUS FOOTING PERPENDICULAR TO PIPE RUNS SHALL BE EITHER LOWERED TO ALLOW PIPES TO PASS THROUGH ABOVE SUCH FOOTINGS OR HAVE CONCRETE JACKET IF PIPES ARE LOW ENOUGH TO BE PLACED BELOW SUCH FOOTINGS. FOOTINGS PARALLEL TO PIPE RUNS SHALL BE LOCATED OUTSIDE 30 DEGREE INFLUENCE ZONE OF FOOTING.

15. DENSIFY BUILDING AREAS AND A MINIMUM OF 15'-0" OUTSIDE THE BUILDING PERIMETER TO MINIMUM DENSITY OF 98% PER ASTM D-698.

16. CONTRACTOR SHALL EMPLOY CONSTRUCTION TECHNIQUES CONDUCIVE WITH ANY ENCOUNTERED GROUNDWATER. CONTRACTOR SHALL DEWATER FOUNDATION AND SITE AS REQUIRED.

17. REFER TO CIVIL/ARCHITECTURAL PLANS FOR LIMITS OF EXCAVATION.

F. CONCRETE

1. ALL PHASES OF WORK PERTAINING TO THE CONCRETE CONSTRUCTION SHALL CONFORM TO THE "BUILDING CODE REQUIREMENTS OF STRUCTURAL CONCRETE" (ACI 318).

2. CONCRETE MIXES SHALL BE DESIGNED BY A QUALIFIED TESTING LABORATORY AND REVIEWED BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO CONCRETE CONSTRUCTION. IDENTIFY THE TYPE OF ELEMENT (I.E. SLAB, WALL, ETC.) INTENDED FOR PLACEMENT FOR EACH MIX DESIGN SUBMITTAL.

3. ALL ADMIXTURES SHALL BE SUBJECT TO THE REVIEW OF THE ARCHITECT/ENGINEER PRIOR TO CONCRETE CONSTRUCTION.

4. ADMIXTURES SHALL CONTAIN NO MORE THAN 0.01% CHLORIDES.

5. APPROVED TESTING LABORATORY SHALL SAMPLE AND TEST ALL CONCRETE. REFER TO SPECIFICATIONS FOR FREQUENCY AND NUMBER OF CYLINDERS REQUIRED.

6. CONCRETE STRENGTH AND EXPOSURE REQUIREMENTS:

A.	FOOTINGS	3000 PSI, NORMAL-WEIGHT, F0, S0, W0, C1
B.	PEDESTALS/FOUNDATION WALLS	3000 PSI, NORMAL-WEIGHT, F0, S0, W0, C1
C.	INTERIOR SLABS-ON-GROUND	3000 PSI, NORMAL-WEIGHT, F0, S0, W0, C0
D.	INTERIOR SUSPENDED SLABS ON DECK	3000 PSI, LIGHT-WEIGHT, F0, S0, W0, C0
E.	INTERIOR PAN STAIR	3000 PSI, LIGHT-WEIGHT, F0, S0, W0, C0
F.	EXTERIOR HOUSEKEEPING PADS	5000 PSI, NORMAL-WEIGHT, F3, S0, W0, C2

7. CONCRETE SHALL USE PORTLAND CEMENT TYPE I/II.

8. EXPOSED CORNERS OR EDGES OF COLUMNS, PIERS, ETC., SHALL BE FORMED WITH A 3/4 " CHAMFER UNLESS NOTED OTHERWISE.

9. REINFORCING BARS, ANCHOR RODS AND OTHER CONCRETE INSERTS SHALL BE WELL SECURED IN POSITION PRIOR TO PLACING CONCRETE.

10. "WET SETTING" OF ANCHORS, DOWELS, AND EMBEDDED ITEMS SHALL BE PROHIBITED UNLESS SPECIFICALLY NOTED ON THE DRAWINGS.

11. CONCRETE SHALL BE VIBRATED BY MECHANICAL MEANS DURING PLACEMENT.

12. PROVIDE SLEEVES FOR PLUMBING AND ELECTRICAL OPENINGS IN CONCRETE BEFORE PLACING CONCRETE. DO NOT CUT ANY REINFORCING THAT MAY CONFLICT. CORING IS NOT PERMITTED EXCEPT AS SHOWN.

13. PIPES, SLEEVES OR SLOTS SHALL NOT RUN THROUGH ANY CONCRETE MEMBER UNLESS SIZE AND LOCATION HAVE BEEN APPROVED BY THE STRUCTURAL ENGINEER IN ADVANCE OF PLACEMENT FOR CONDITIONS NOT SHOWN ON THE DRAWINGS.

14. PIPES, DUCTS OR CONDUITS (O.D.) WITHIN ELEVATED SLABS OR THROUGH WALLS SHALL NOT EXCEED ONE-THIRD THE SLAB OR WALL THICKNESS UNLESS SPECIFICALLY DETAILED AND SHALL BE PLACED BETWEEN THE TOP AND BOTTOM REINFORCING UNLESS SPECIFICALLY DETAILED OTHERWISE. SPACING BETWEEN PARALLEL PIPES, DUCTS OR CONDUITS SHALL NOT BE LESS THAN 3 PIPE DIAMETERS, OR 6 INCHES CLEAR. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS OF SLEEVES, ACCESSORIES, ETC.

15. FINISH CONCRETE SURFACES PER ARCHITECT 'S DRAWINGS AND SPECIFICATIONS.

16. CURING COMPOUNDS ON CONCRETE THAT IS TO RECEIVE SPECIAL FINISH SHALL BE APPROVED BY THE MANUFACTURER BEFORE USE. FLOORING MANUFACTURER TO REVIEW AND APPROVE RELATIVE HUMIDITY OF CONCRETE PRIOR TO INSTALLATION.

17. ROUGHEN SURFACE OF HORIZONTAL OR NEARLY HORIZONTAL CONSTRUCTION JOINTS AND AT LOCATIONS INDICATED ON DRAWINGS TO 1/4 " AMPLITUDE SO THAT THE AGGREGATE SHALL BE EXPOSED UNIFORMLY, LEAVING NO LAITANCE, LOOSED PARTICLES OR DAMAGED CONCRETE.

18. CONSTRUCTION JOINTS SHALL BE AS INDICATED ON THE DRAWINGS, UNLESS OTHERWISE APPROVED BY THE ARCHITECT/ENGINEER.

19. REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROOVES, ORNAMENTS, CLIPS OR GROUNDS REQUIRED TO BE ENCASED IN CONCRETE.

20. THE WEIGHT OF THE WET CONCRETE WILL CAUSE DEFLECTIONS OF THE STEEL FRAMING. CONTRACTOR SHALL ACCOUNT FOR CONCRETE OVERRUNS ON ELEVATED CONCRETE SLABS BASED ON MAXIMUM BAY DEFLECTION OF 3/4 INCH IN BASE BID.

G. SLAB-ON-GROUND

1. ALL SLABS ON GROUND SHALL CONFORM TO THE PROVISIONS OF ACI 302.

2. SUBGRADE SHALL BE COMPACTED TO AT LEAST 98 PERCENT OF STANDARD PROCTOR DRY DENSITY PER ASTM D698. EACH LAYER SHALL BE COMPACTED WITHIN A RANGE OF 3 PERCENTAGE POINTS BELOW AND 2 PERCENTAGE POINTS ABOVE OPTIMUM MOISTURE CONTENT VALUE. SUBGRADE SHALL BE PROOF ROLLED IN THE PRESENCE OF A GEOTECHNICAL ENGINEER OR HIS REPRESENTATIVE.

3. DESIGN SUBGRADE MODULUS REACTION: 100 PCI.

4. FINISHED SUBGRADE. WITHIN AND FOR AT LEAST 10 FEET BEYOND THE FLOOR SLAB, SHALL BE PROTECTED FROM TRAFFIC, RUTTING, AND OTHER DISTURBANCES AND MAINTAINED IN A RELATIVELY MOIST CONDITION UNTIL FLOOR SLAB IS CONSTRUCTED. FINAL CONDITIONING OF THE FINISHED SUBGRADE SHALL BE PERFORMED IMMEDIATELY PRIOR TO PLACEMENT OF THE SUBBASE.

5. THE SUBBASE SHALL BE A MINIMUM OF 4" OF GRANULAR MATERIAL WITH A THIN LAYER OF FINE GRAINED MATERIAL APPROXIMATELY ½ " THICK, PLACED OVER THE COARSE MATERIAL AND ROLLED OR COMPACTED.

6. A VAPOR RETARDER A MINIMUM OF 10 MIL IN THICKNESS SHALL BE PLACED ON THE SUB BASE. ALL VAPOR RETARDER JOINTS SHALL BE LAPPED A MINIMUM OF 6 " AND HELD IN PLACE BY TAPE.

7. SEE CONCRETE SECTION FOR CONCRETE FOR SLABS ON GROUND. MAXIMUM AGGREGATE SIZE IS LIMITED TO ¼ OF THE SLAB THICKNESS.

8. CONTROL JOINTS SHALL BE PROVIDED AS SHOWN. CONTROL JOINTS THAT ARE SAWN SHALL HAVE A MINIMUM JOINT DEPTH OF ¼ THE SLAB THICKNESS.

9. USE SLAB REINFORCEMENT OF THE SIZE INDICATED ON THE DRAWINGS. ALL REINFORCING SHOULD BE LOCATED IN THE MIDDLE 1/3 OF THE SLAB AND SUPPORTED BY CHAIRS OR BOLSTERS, UNLESS NOTED OTHERWISE.

10. THE SLAB SURFACE SHALL BE FINISHED TO A FLATNESS OF F20 AND A LEVELNESS OF F15 UNLESS OTHERWISE INDICATED ON DRAWINGS.

11. DO NOT USE AIR ENTRAINING ADMIXTURES IN INTERIOR CONCRETE SLABS TO RECEIVE A HARD TROWEL FINISH.

12. EXISTING FILL MATERIALS UP TO 2 FT BELOW EXISTING SLABS ARE TO BE COMPLETELY REMOVED AND COMPACTED ENGINEERED FILL PLACED TO SUBGRADE IN AREAS TO RECIEVE NEW SLABS AT THE BASEMENT LEVEL.

13. ENGINEERED FILL IS TO EITHER GRANULAR MATERIAL WITH LESS THAN 50% MATERIAL PASSING NO. 200 SEIVE OR CLEAN, WELL GRADED PROCESSED SHOT ROCK OR SURGE STONE WITH A MAX SIZE OF 12" FOR SHOT ROCK AND 8" FOR SURGE STONE.

14. GRANULAR FILL IS TO BE PLACED IN 4-6 INCH LOOSE LIFTS AND COMPACTED WITH HAND GUIDED EQUIPMENT (JUMPING JACK OR PLATE COMPACTOR).

15. FLOOR SLABS SHOULD BE INDEPENDENT OF BUILDING FOOTINGS OR WALLS. PROVIDE ISOLATION JOINTS BETWEEN NEW SLABS AND EXISTING CONSTRUCTION.

H. REINFORCING

1. REINFORCING SHALL BE DETAILED AND PLACED IN CONFORMANCE WITH ACI DETAILING MANUAL AND CRSI MANUAL OF STANDARD PRACTICE, UNLESS NOTED OTHERWISE.

2. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60.

3. ALL DEFORMED BAR ANCHORS (DBA 'S) SHALL CONFORM TO ASTM A706 GRADE 60.

4. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.

5. MINIMUM LAP OF WELDED WIRE FAB

STRUCTURAL GENERAL NOTES

(APPLIES TO SX.X SERIES SHEETS ONLY.)

L. METAL DECK

1. PROVIDE DESIGN, FABRICATION, AND ERECTION OF METAL DECK CONFORMING TO THE STEEL DECK INSTITUTE'S "CODE OF RECOMMENDED STANDARD PRACTICE AND BASIC DESIGN SPECIFICATIONS".
2. FORM ROOF DECK FROM STEEL SHEETS CONFORMING TO ASTM A1008 OR A653 WITH MINIMUM YIELD STRENGTH OF 50 KSI.
3. ROOF DECK SHALL HAVE THE FOLLOWING MINIMUM SECTION PROPERTIES.
   A. SECTION PROPERTIES (PER FOOT OF WIDTH). DECKS BY ANY MANUFACTURER MAY BE SUPPLIED PROVIDED SECTION PROPERTIES ARE WITHIN 5% OF THOSE SPECIFIED. SUBMIT MANUFACTURER'S LOAD TABLES AND PRODUCT DATA FOR REVIEW/APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD.
   TYPE = 1.5B/BA:
   22 GAGE: Ip = 0.155 in^4; Sp = 0.169 in^3; In = 0.178 in^4; Sn = 0.179 in^3
4. NONCOMPOSITE FORM DECK SHALL HAVE THE FOLLOWING MINIMUM SECTION PROPERTIES.
   A. SECTION PROPERTIES (PER FOOT OF WIDTH). DECKS BY ANY MANUFACTURER MAY BE SUPPLIED PROVIDED SECTION PROPERTIES ARE WITHIN 5% OF THOSE SPECIFIED. SUBMIT MANUFACTURER'S LOAD TABLES AND PRODUCT DATA FOR REVIEW/APPROVAL BY THE STRUCTURAL ENGINEER OF RECORD.
   TYPE = 1.0C:
   24 GAGE: Ip = 0.057 in^4; Sp = 0.098 in^3; In = 0.059 in^4; Sn = 0.103 in^3
5. ATTACH SHEETS TO STEEL SUPPORT MEMBERS AS INDICATED AND IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION. WHEN DECK IS SCHEDULED TO BE EXPOSED, DE-SLAG, CLEAN AND TOUCH UP WELDS WITH A ZINC-RICH PRIMER.
6. LAP ROOF ENDS MINIMUM OF 2 INCHES WHEN FASTENING DECK TO SUPPORT MEMBERS. PROVIDE WELDING MATERIALS INSTALLATION PROCEDURES TO PREVENT BURNING OF HOLES IN DECK.
7. METAL DECK FABRICATOR TO FURNISH SHOP DRAWINGS FOR STRUCTURAL ENGINEER'S REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHALL INCLUDE WELDING PROCEDURE, SIDE LAP CONNECTIONS, TESTING PROGRAMS FOR WELDING, COATING MATERIAL AND ERECTION SEQUENCE.
8. PROVIDE 6" CLOSURE STRIP OF SAME GAGE AS DECK WHERE CHANGES IN DECK DIRECTION OCCUR.
9. EXTRANEOUS MATERIAL AND SYSTEMS ARE NOT PERMITTED TO BE INCORPORATED INTO FIRE-RATED DESIGN ASSEMBLIES. THIS INCLUDES CASTING EMBEDDED CONDUITS AND PIPING IN CONCRETE SLABS ON METAL DECK. REFER TO THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ASSEMBLY DESCRIPTIONS.
10. DO NOT SHORE DECK.

M. COLD-FORMED STEEL

1. COLD-FORMED STEEL DESIGN, FABRICATION AND ERECTION SHALL BE IN ACCORDANCE. WITH AISI SPECIFICATION FOR DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" OR "LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR COLD-FORMED STEEL STRUCTURAL MEMBERS".
2. COLD-FORMED STEEL STRUCTURAL MEMBERS SHALL MEET ASTM C955 REQUIREMENTS AND HAVE A YIELD STRESS Fy= 33 KSI FOR 33 MIL AND 43 MIL FRAMING PRODUCTS AND 50 KSI FOR THICKER MEMBERS. ALL FRAMING MEMBERS SHALL MEET THE PROTECTIVE COATING REQUIREMENTS OF AISI S200 AS WELL AS ASTM C955.
3. DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS AND THEIR CONNECTIONS SHALL BE ADELEGATED DESIGN BY THE CONTRACTOR. SUBMIT SHOP DRAWINGS SEALED BY AN ENGINEER LICENSED IN THE PROJECT STATE. REVIEW OF SHOP DRAWING SHALL BE FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS REGARDING ARRANGEMENT AND SIZES OF MEMBERS AND THE CONTRACTOR'S INTERPRETATION OF THE DESIGN LOADS AND CONTRACT DOCUMENT DETAILS. SUCH REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR THE DESIGN OF THE COLD-FORMED STEEL STRUCTURAL MEMBERS AND THEIR CONNECTIONS.
4. COLD-FORMED STEEL STRUCTURAL MEMBERS MAY BE ATTACHED BY EITHER WELDS OR SCREWS SIZED BY THE MANUFACTURER FOR THE SPECIFIED DESIGN LOADS.
5. WELDING OF COLD-FORMED STEEL SHALL BE IN ACCORDANCE WITH AWS D1.3: STRUCTURAL WELDING CODE – SHEET STEEL AND SHALL BE PERFORMED BY AN ANSI/AWS CERTIFIED WELDER.
6. SCREWED CONNECTIONS SHALL UTILIZE SELF-DRILLING SCREWS AND SHALL BE DESIGNED IN ACCORDANCE WITH AISI "NORTH AMERICAN SPECIFICATION FOR DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS."
7. POWDER-ACTUATED FASTENERS SHALL UTILIZE FASTENER SYSTEM OF TYPE SUITABLE FOR APPLICATION INDICATED, FABRICATED FROM CORROSION-RESISTANT MATERIAL, WITH CAPABILITY TO SUSTAIN DESIGN LOAD AS DETERMINED BY TESTING PER ASTM E1190 AND CONDUCTED BY A QUALIFIED INDEPENDENT TESTING AGENCY.
8. PROVIDE COLD-FORMED STEEL AT INTERIOR PARTITIONS CAPABLE OF WITHSTANDING DESIGN LOADS WITHIN LIMITS AND UNDER CONDITIONS INDICATED.
   A. INTERNAL PRESSURE: 5 PSF OR SEISMIC LATERAL COMPONENT LOAD, WHICHEVER IS GREATER.
   B. HORIZONTAL DEFLECTION OF 1/240 THE WALL HEIGHT.
9. DESIGN FRAMING SYSTEMS TO WITHSTAND DESIGN LOADS WITHOUT DEFLECTIONS GREATER THAN THE FOLLOWING:
   A. EXTERIOR LOAD-BEARING FRAMING: HORIZONTAL DEFLECTION OF 1/240 THE WALL HEIGHT.
   B. CEILING JOIST FRAMING: VERTICAL DEFLECTION OF 1/240 OF THE SPAN.
10. DESIGN FRAMING SYSTEM TO ACCOMMODATE LIVE LOAD DEFLECTION OF PRIMARY BUILDING STRUCTURE AS FOLLOWS:
    A. UPWARD AND DOWNWARD MOVEMENT OF 1 INCH.
11. CONTRACTOR SHALL FURNISH COMPLETE FABRICATION AND ERECTION DRAWINGS FOR REVIEW BY THE STRUCTURAL ENGINEER PRIOR TO THE COMMENCEMENT OF FABRICATION. INCLUDE PLACING DRAWINGS FOR FRAMING MEMBERS SHOWING SIZE AND GAGE DESIGNATIONS, NUMBER, TYPE, LOCATION AND SPACING. INDICATE SUPPLEMENTAL STRAPPING, BRACING, SPLICES, BRIDGING, ACCESSORIES AND DETAILS REQUIRED FOR PROPER INSTALLATION.
12. STABILITY OF COMPONENTS PRIOR TO THE INSTALLATION OF THE SHEATHING IS THE RESPONSIBILITY OF THE CONTRACTOR.
13. HOLES FOR BOLTING SHALL BE SHOP PUNCHED OR FIELD DRILLED. THE MAKING OF HOLES OR ENLARGEMENT OF HOLES BY BURNING WILL NOT BE PERMITTED.
14. CONTRACTOR TO VERIFY FRAMING GAGES ARE ADEQUATE FOR CLADDING ATTACHMENT WITH CLADDING SUPPLIER.
15. FRAMING FABRICATOR SHALL ENSURE PUNCH OUT ALIGNMENT WHEN ASSEMBLING LATERAL BRACING AND FIELD CUTTING STUDS TO LENGTH. LATERAL BRACING MUST BE INSTALLED AT THE TIME THE WALL IS ERECTED. FAILURE TO INSTALL BRACING AT THIS TIME MAY COMPROMISE THE STRUCTURAL INTEGRITY OF THE WALL SYSTEM.
16. INSTALL TEMPORARY BRACING AND SUPPORTS TO SECURE FRAMING AND SUPPORT LOADS FOR WHICH STRUCTURE WAS DESIGNED. MAINTAIN BRACES AND SUPPORTS IN PLACE, UNDISTURBED, UNTIL ENTIRE INTEGRATED SUPPORTING STRUCTURE HAS BEEN COMPLETED AND PERMANENT CONNECTIONS TO FRAMING ARE SECURED.
17. DO NOT BRIDGE BUILDING EXPANSION AND CONTROL JOINTS WITH COLD-FORMED METAL FRAMING. INDEPENDENTLY FRAME BOTH SIDES OF JOINT.

N. DELEGATED DESIGN SYSTEMS

1. DELEGATED DESIGN SYSTEMS SPECIFIED IN THE CONTRACT DOCUMENTS WHICH ARE DESIGNED/ENGINEERED BY OTHERS ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. SUBMITTALS OF SUCH SYSTEMS SHALL BE SEALED BY AN ENGINEER LICENSED IN THE PROJECT STATE. REVIEW OF SUBMITTALS BY THE ARCHITECT AND STRUCTURAL ENGINEER SHALL BE FOR GENERAL CONFORMANCE WITH THE CONTRACT DOCUMENTS WITH REGARD TO THE ARRANGEMENT AND SIZES OF MEMBERS SHOWN ON THE CONTRACT DOCUMENTS AND THE CONTRACTOR'S INTERPRETATION OF THE DESIGN INFORMATION INCLUDED IN THE CONTRACT DOCUMENTS. SUCH REVIEW BY THE ARCHITECT AND STRUCTURAL ENGINEER SHALL NOT IMPLY ANY RESPONSIBILITY FOR THE ACTUAL DESIGN OF SUCH SYSTEMS. CONTRACTOR HAS FULL RESPONSIBILITY FOR DIMENSIONAL ACCURACY AND CONFORMANCE WITH THE INFORMATION CONTAINED IN THE CONTRACT DOCUMENTS.
2. SEE SPECIFIC SECTIONS OF STRUCTURAL GENERAL NOTES, STRUCTURAL PLANS/DETAILS, AND SPECIFICATIONS FOR THE APPROPRIATE DESIGN RESPONSIBILITIES OF THE CONTRACTOR.
3. ALL STRUCTURAL CALCULATIONS SHALL BE PREPARED UNDER THE DIRECT SUPERVISION OF A REGISTERED PROFESSIONAL ENGINEER IN THE PROJECT STATE AND THE ENGINEER'S SEAL SHALL BE AFFIXED TO ALL CALCULATIONS SUBMITTED. REGISTERED PROFESSIONAL ENGINEER'S SEAL IS REQUIRED ON ALL SUBMITTED CALCULATIONS AND DELEGATED DESIGN SUBMITTALS.

O. UNDERPINNING SYSTEMS

1. UNDERPINNING SYSTEM DESIGN IS BASED ON THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT PREPARED BY TERRACON DATED JULY 16, 2025, TERRACON PROJECT NUMBER 18255095. STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR SUBSURFACE CONDITIONS ENCOUNTERED IN THE FIELD DIFFERENT THAT THOSE ASSUMED FOR DESIGN.
2. ALLOWABLE LOAD RANGE FOR THE SYSTEM EMPLOYED SHOULD BE IN THE 10K-50K RANGE PER SUPPORT AND SPACED NO MORE THAN 5 FT APART WHERE REQUIRED. EXISTING CONDITIONS ARE ASSUMED TO INCLUDE A REINFORCED CONCRETE FOOTING BENEATH THE EXISTING WALLS. CONDITIONS SHALL BE FIELD VERIFIED PRIOR TO SELECTION OF UNDERPINNING SYSTEM.
3. UNDERPINNING SYSTEMS SUGGESTED IN GEOTECHNICAL REPORT INCLUDE:
   A. HYDRAULICALLY JACKED STEEL PIERS (PUSH PIERS) EXTENDED TO BEDROCK. FILL PIER WITH GROUT AND INSTALL REINFORCING ROD AS REQUIRED FOR LATERAL STABILITY. SUGGESTED METHOD FOR MAINTAINING THE FOUNDATION AT ORIGINAL LEVELS.
   B. MICROPILES THAT EXTEND INTO ROCK. FILL WITH GROUT AND INSTALL REINFORCING ROD AS REQUIRED FOR LATERAL STABILITY. MICROPILES ARE ASSUMED TO BE USED IN CONJUNCTION WITH A REINFORCED PIER CAP AND SHALL BE CAPABLE OF RESISTING TORSIONAL LOADING CONDITIONS AND BASE MOMENTS. DELEGATED DESIGN ENGINEER IS TO PROVIDE PIER CAP DESIGN.
   C. ALTERNATE UNDERPINNING SYSTEMS MAY BE USED IF MORE EFFICIENT OR ECONOMICAL. THERE ARE EQUIPMENT HEIGHT LIMITATIONS IN THE BASEMENT AREA WHERE MOST OF THE WORK IS TO BE PERFORMED. COORDINATE ALL WORK WITH OTHER TRADES.
4. THE CONTRACTOR SHALL PREPARE A NUMBERED PILE PLAN WITH TABLES AND CHARTS FOR THE RECORDING OF DEPTH AND PENETRATION VALUES OF EACH PILE. ALL OBSERVATIONS AND RECORDING WORK SHALL BE MADE UNDER THE DIRECT SUPERVISION OF AN APPROVED TESTING LABORATORY AND SUBMITTED TO THE ENGINEER OF RECORD.
5. SEE SUBMITTALS SECTION FOR ADDITIONAL INFORMATION.
6. THIS IS A DELEGATED DESIGN. SEE DELEGATED DESIGN SECTION FOR ADDITIONAL INFORMATION.

P. PRE-ENGINEERED WOOD TRUSSES

1. ALL PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED, DETAILED AND FABRICATED IN ACCORDANCE WITH THE PROCEDURES AND REQUIREMENTS OUTLINED IN THE LATEST EDITION OF THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION, TRUSS PLATE INSTITUTE'S (TPI0 AND THE NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION. ALL HANDLING, INSTALLATION AND BRACING TO BE IN ACCORDANCE WITH TPI'S BCSI-B3.
2. SEE DESIGN CRITERIA FOR WIND SPEED, SEISMIC CRITERIA AND SNOW LOADS. ROOF TRUSSES: DEAD LOAD (MIN.) TOP CHORD= 10 PSF/BTM CHORD=10 PSF; ROOF LIVE LOAD (MIN.) TOP CHORD= 20 PSF FLOOR TRUSSES: DEAD LOAD (MIN.) TOP CHORD= 20 PSF/BTM CHORD= 10 PSF; FLOOR LIVE LOAD (MIN.) TOP CHORD= 40 PSF.
3. PRE-ENGINEERED WOOD TRUSSES SHALL BE DESIGNED AND DETAILED TO FIT THE DIMENSIONS AND LOADS INDICATED. ALL DESIGN SHALL BE IN ACCORDANCE WITH ALLOWABLE VALUES AND SECTION PROPERTIES ASSIGNED AND APPROVED BY A LICENSED PROFESSIONAL ENGINEER AND ARE TO BE SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL.
4. PERMANENT BRIDGING/BRACING PERPENDICULAR TO THE SPAN OF THE TRUSSES SHALL BE PROVIDED AS REQUIRED BY THE TRUSS MANUFACTURER.
5. TRUSS MANUFACTURER SHALL PROVIDE BRACING FOR THE BOTTOM CHORD OF THE ROOF TRUSSES FOR UPLIFT CONDITIONS.
6. SUBMIT ROOF VALLEY MEMBER SIZES, FRAMING DETAILS AND CONNECTIONS.
7. TRUSS MANUFACTURER TO PROVIDE SHOP DRAWINGS OF WOOD TRUSSES SIGNED AND SEALED BY A PROFESSIONAL LICENSED IN THE STATE OF THIS PROJECT, PRIOR TO FABRICATION. SHOP DRAWINGS SHALL INCLUDE DESIGN AND ENGINEERING DATA, TRUSS PROFILES FOR EACH TRUSS, A TRUSS PLACEMENT LAYOUT PLAN, SPECIES AND STRESS GRADE OF LUMBER TO BE USED, DETAILS OF CONNECTORS AT ALL JOINTS, TYPICAL CONNECTION AND ANCHORAGE DETAILS AND ALL TEMPORARY AND PERMANENT BRACING REQUIRED.
8. GABLE END DESIGN SHALL INCLUDE VERTICAL LOADS IMPOSED INCLUDING X BRACING.
9. PRE-ENGINEERED WOOD TRUSSES ARE A DELEGATED DESIGN ITEM. SEE NOTES REFERENCING DELEGATED DESIGN.

Q. STRUCTURAL WOOD FRAMING

1. ALL WOOD FRAMING AND CONSTRUCTION OF WOOD FRAMING SHALL CONFORM TO THE REFERENCED BUILDING CODE.
2. WOOD DESIGN AND CONSTRUCTION SHALL COMPLY WITH THE FOLLOWING DESIGN STANDARDS:
   A. "TIMBER CONSTRUCTION MANUAL" BY AMERICAN INSTITUTE OF TIMBER CONSTRUCTION (LATEST EDITION).
   B. "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" WITH SUPPLEMENT BY NATIONAL FOREST PRODUCTS ASSOCIATION (LATEST EDITION).
   C. "SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC" BY AMERICAN WOOD COUNCIL.
3. ALL SAWN LUMBER OR ENGINEERED WOOD PRODUCTS EXPOSED TO THE WEATHER, IN CONTACT WITH MASONRY OR CONCRETE OR WITHIN 8" OF FINISH GRADE SHALL BE PROTECTED WITH A WOOD PRESERVATIVE TREATMENT. KILN DRY LUMBER AFTER TREATMENT TO A MAXIMUM MOISTURE CONTENT OF 19%. SEE SPECIFICATIONS.
4. PROVIDE SIMPSON STRONG TIE OR EQUAL STANDARD CONNECTORS FOR ALL WOOD TO WOOD CONNECTIONS.
5. NAILED CONNECTIONS SHALL CONFORM TO THE FASTENING SCHEDULE IN CHAPTER 23 OF THE REFERENCED BUILDING CODE, UNLESS NOTED OTHERWISE.
6. SAWN LUMBER - MATERIALS:
   A. STRUCTURAL FRAMING SHALL BE SOUTHERN YELLOW PINE, NO. 2 OR BETTER AND SHALL INCLUDE: JOISTS, RAFTERS, NAILERS, DECKING, DIAPHRAGM/SHEAR WALL BLOCKING, AND BOUNDARY ELEMENTS.
   B. ALL STRUCTURAL FRAMING SHALL HAVE A MAXIMUM 19 % MOISTURE CONTENT.
   C. TRUSS MEMBERS SHALL CONFORM TO THE SPECIES AND NOMINAL SIZES SHOWN ON THE TRUSS ENGINEER'S DESIGN DOCUMENTS.
   D. ALL MEMBERS SHALL BE CUT FROM LUMBER WHICH BEARS THE PROPER GRADE-MARK STAMP OF A RECOGNIZED GRADING ASSOCIATION OR LICENSED LUMBER INSPECTION AGENCY. NO LUMBER SHALL BE USED WHICH DOES NOT APPEAR TO CONFORM TO THE PROPER DIMENSIONS AND/OR GRADE.
7. WOOD SHEATHING:
   A. WOOD SHEATHING MAY BE STRUCTURALLY RATED PLYWOOD OR OSB, COMFORMING TO APA DOC-PS1 OR PS2.
   B. ROOF DIAPHRAGMS: ALL WOOD SHEATHING ROOF PANELS SHALL BE APA RATED, 3/4" THICK EXTERIOR GRADE.
   C. FLOOR DIAPHRAGMS: ALL WOOD SHEATHING FLOOR PANELS SHALL BE APA RATED, 3/4" THICK EXTERIOR GRADE, OR APPROVED EQUAL.
   D. INSTALL ALL WOOD SHEATHING CONTINUOUS OVER TWO OR MORE SPANS WITH THE LONG DIMENSION OF STRENGTH AXIS ACROSS SUPPORTS. STAGGER ALL JOINTS AT SUPPORTS AND PROVIDE CONTINUOUS BLOCKING AT SIDE JOINTS.
8. DIAPHRAGM/SHEARWALL FASTENERS:
   A. FASTENERS SHALL BE SPACED A MAXIMUM OF 6 INCHES ALONG PANEL EDGES AND 12 INCHES ALONG INTERMEDIATE SUPPORTS (STUDS, BLOCKING, ETC) BETWEEN PANEL EDGES.
   B. FASTENERS SHALL BE LOCATED AT LEAST 3/8 INCH FROM PANEL EDGES.
   C. FASTENERS SHALL BE OF THE SAME SIZE AND TYPE WITHIN EACH SHEARWALL, FLOOR AND ROOF DIAPHRAGM.
   D. 2-INCH NOMINAL FRAMING SHALL BE USED, EXCEPT THAT 3 INCH NOMINAL OR GREATER FRAMING MEMBERS SHALL BE USED:
      a. WHERE FASTENERS ARE SPACED AT 2 1/2 INCHES OR LESS
      b. WHERE 10d NAILS WITH A PENETRATION EXCEEDING 1 1/2 INCHES AND A SPACING OF 3 INCHES OR LESS ARE USED
   E. FASTENERS AT PANEL EDGES SHALL BE STAGGERED:
      a. WHERE NAILS ARE SPACED AT 2 1/2 INCHES OR LESS
      b. WHERE 10d NAILS WITH A PENETRATION EXCEEDING 1 1/2 INCHES AND A SPACING OF 3 INCHES OR LESS ARE USED.

WORK DESCRIPTION	TYPE OF WORK	KEY PERSONNEL REQUIRED	KEY PERSONNEL REQUIRED	YEARS OF CONTINOUS EXPERIENCE REQUIRED	ADDITIONAL REQUIREMENTS
MICROPILES	----------	PROJECT MANAGER SUPERINTENDENT	---------- ----------	5 5	SUCCESSFUL COMPLETION OF AT LEAST 250 MICROPILES WITHIN THE LAST 3 YEARS
CONTINUOUS FLIGHT AUGER (CFA) PILES	----------	PROJECT MANAGER SUPERINTENDENT	---------- ----------	5 5	SUCCESSFUL COMPLETION OF AT LEAST 250 CFA PILES WITHIN THE LAST 3 YEARS PLUS EXPERIENCE WITH AUTOMATED MONITORING & RECORDING EQUIPMENT
STRUCTURAL MOVEMENT MONITORING	----------	PROJECT SURVEYOR	P.L.S.	3	EXPERIENCE WITH MONITORING GROUND OR STRUCTURE MOVEMENT. DISPLACEMENT. DEFORMATION. SETTLEMENT. SUBSIDENCE. ETC.
SUBSURFACE GROUTING	SLAB JACKING, VOID FILLING, LEAK SEALING, DEEP COMPACTION GROUTING, DEEP INJECTION, PERMEATION GROUTING, ETC.	PROJECT MANAGER SUPERINTENDENT	----------	5 5	EXPERIENCE WITH PUMPING CEMENTITOUS GROUT OR INJECTING POLYURETHANE FOAM/ GEL GROUTING WORK. FOR CHEMICAL GROUTING. EQUIPMENT CAPABLE OF PROPORTIONING AND MIXING COMPONENTS IN ACCORDANCE WITH THE POLTURETHANE MANUFACTURER'S REQUIREMENTS

1. GEOTECHNICAL CONTRACTORS SHALL SUBMIT AT LEAST ONE KEY PERSON PER ROLE FOR EACH WORK DESCRIPTION AND DOCUMENTATION VERIFYING THE FOLLOWING REQUIREMENTS:
   A. CONTRACTOR HAS SUCCESSFULLY COMPLETED AT LEAST 5 PROJECTS WITHIN THE LAST 3 YEARS FOR EACH WORK DESCRIPTION.
   B. EXPERIENCE/EQUIPMENT MEET THE ADDITIONAL REQUIREMENTS IF APPLICABLE.
   C. KEY PERSONNEL MEET THE REGISTRATION/CERTIFICATION REQUIED IF ABBLICABLE.
   D. KEY PERSONNEL MEET THE YEARS OF CONTINUOUS EXPERIENCE REQUIRED.
2. DOCUMENTATION SHOULD INCLUDE PROJECT LISTS AND DECRIPTIONS INCLUDING NAMES AND CURRENT CONTACT INFORMATION OF GENERAL CONTRACTORS AND OWNERS, RESUMES, REFERENCES, CERTIFICATES, EXPERIENCE DESCRIPTION AND DETAILS, ETC.

AISC TABLE 10.1
AESS CATEGORY MATRIX

	CATEGORY	AESS C	AESS 4	AESS 3	AESS 2	AESS 1	SSS
ID	CHARACTERISTICS	CUSTOM ELEMENTS	SHOWCASE ELEMENTS	FEATURE ELEMENTS IN CLOSE VIEW	FEATURE ELEMENTS NOT IN CLOSE VIEW	BASIC ELEMENTS	STANDARD STRUCTURAL STEEL
1.1	SURFACE PREPARATION TO SSPC-SP 6		*	*	*	*	
1.2	SHARP EDGES GROUND SMOOTH		*	*	*	*	
1.3	CONTINUOUS WELD APPEARANCE		*	*	*	*	
1.4	STANDARD STRUCTURAL BOLTS		*	*	*	*	
1.5	WELD SPATTERS REMOVED		*	*	*	*	
2.1	VISUAL SAMPLES		*	*			
2.2	ONE-HALF STANDARD FABRICATION TOLERANCES		*	*	*		
2.3	FABRICATION MARKS NOT APPARENT		*	*	*		
2.4	WELDS UNIFORM AND SMOOTH		*	*	*		
3.1	MILL MARKS REMOVED		*	*			
3.2	BUTT AND PLUG WELDS GROUND SMOOTH AND FILLED		*	*			
3.3	HSS WELD SEAM ORIENTED FOR REDUCED VISIBILITY		*	*			
3.4	CROSS SECTIONAL ABUTTING SURFACE ALIGNED		*	*			
3.5	JOINT GAP TOLERANCES MINIMIZED		*	*			
3.6	ALL WELDED CONNECTIONS		OPTIONAL	OPTIONAL			
4.1	HSS SEAM NOT APPARENT		*				
4.2	WELDS CONTOURED AND BLENDED		*				
4.3	SURFACES FILED AND SANDED		*				
4.4	WELD SHOW-THROUGH MINIMIZED		*				
C.1							
C.2							
C.3							
C.4							
C.5							

USER NOTE:

1.1 PRIOR TO BLAST CLEANING, GREASE AND OIL ARE REMOVED BY SOLVENT CLEANING TO MEET SSPC-SP1
1.2 ROUGH SURFACES ARE DEBURRED AND GROUND SMOOTH. SHARP EDGES RESULTING FROM FLAME CUTTING, GRINDING, AND ESPECIALLY SHEARING ARE SOFTENED.
1.3 INTERMITTENT WELDS ARE MADE CONTINUOUS, EITHER WITH ADDITIONAL WELDING, CAULKING, OR BODY FILLER. FOR CORROSIVE ENVIROMENTS ALL JOINT ARE SEAL WELDED. SEAMS OF HOLLOW STRUCTURAL SECTIONS ARE ACCEPTABLE AS PRODUCED.
1.4 ALL BOLT HEADS IN CONNECTIONS ARE ON THE SAME SIDE, AS SPECIFIED, AND CONSISTENT FROM ONE CONNECTION TO ANOTHER.
1.5 WELD SPATTER, SILVERS, SURFACE DISCONTINUITIES ARE REMOVED. WELD PROJECTION UP TO 1/16 in. (2 mm) IS ACCEPTABLE FOR BUTT AND PLUG WELD JOINTS.
2.1 VISUAL SAMPLES ARE EITHER A 3-D RENDERING, A PHYSICAL SAMPLE, A FIRST-OFF INSPECTION, A SCALED MOCK-UP, OR A FULL-SCALE MOCK-UP, AS SPECIFIED IN THE CONTRACT DOCUMENTS.
2.2 THESE TOLERANCES ARE ONE-HALF OF THOSE FOR STANDARD STRUCTURAL STEEL AS SPECIFIED IN THIS CODE.
2.3 MEMBERS MARKINGS DURING THE FABRICATION AND ERECTION PROCESSES ARE NOT VISIBLE.
3.1 ALL MILL MARKS ARE NOT VISIBLE IN THE FINISHED PRODUCT.
3.2 CAULKING OR BODY FILLER IS ACCEPTABLE.
3.3 SEAMS ARE ORIENTED AWAY FROM VIEW OR AS INDICATED IN THE CONTRACT DOCUMENTS.
3.4 THE MATCHING OF ABUTTING CROSS SECTIONS IS REQUIRED.
3.5 THIS CHARACTERISTIC IS SIMILAR TO 2.2 ABOVE. A CLEAR DISTANCE BETWEEN ABUTTING MEMBERS OF 1/8 in. (3 mm) IS REQUIRED.
3.6 HIDDEN BOLTS MAY BE CONSIDERED.
4.1 HSS SEAMS ARE TREATED SO THEY ARE NOT APPARENT.
4.2 IN ADITTION TO A CONTOURED AND BLENDED APPEARANCE, WLDED TRANSITIONS BETWEEN MEMBERS ALSO ARE CONTOURED AND BLENDED.
4.3 THE STEEL SURFACE IMPERFECTIONS ARE FILED AND SANDED.
4.4 WELD SHOW-THROUGH ON THE BACK SIDE OF A WELDED ELEMENT CAN BE MINIMIZED BY HAND GRINDING THE BACK SIDE SURFACE. THE DEGREE OF WELD-THROUGH IS A FUNCTION OF WELD SIZE AND MATERIAL.
C. ADITIONAL CHARACTERISTICS MAY BE ADDED FOR CUSTOM ELEMENTS.

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CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

STRUCTURAL GENERAL NOTES (CONT'D)

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S0.1

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ABBREVIATIONS

PE/SE	STRUCTURAL ENGINEER - A LICENSED SE OR PE SPECIALIZING IN THE DESIGN OF BUILDING STRUCTURES
PE/GE	GEOTECHNICAL ENGINEER - A LICENSED PE SPECIALIZING IN SOIL MECHANICS AND FOUNDATIONS
EIT	ENGINEER-IN-TRAINING - A GRADUATE ENGINEER WHO HAS PASSED THE FUNDAMENTALS OF ENGINEERING EXAMINATION
AMERICAN CONCRETE INSTITUTE (ACI) CERTIFICATION	
ACI-CFTT	CONCRETE FIELD TESTING TECHNICIAN - GRADE 1
ACI-CCI	CONCRETE CONSTRUCTION INSPECTOR
ACI-LTT	LABORATORY TESTING TECHNICIAN - GRADE 1 & 2
ACI-STT	STRENGTH TESTING TECHNICIAN
AMERICAN WELDING SOCIETY (AWS) CERTIFICATION	
AWS-CWI	CERTIFIED WELDING INSPECTOR
AWS/AISC-SSI	CERTIFIED STRUCTURAL STEEL INSPECTOR
AMERICAN SOCIETY OF NON-DESTRUCTIVE TESTING (ASNT) CERTIFICATION	
ASNT	NON-DESTRUCTIVE TESTING TECHNICIAN - LEVEL II OR III
INTERNATIONAL CODE COUNCIL (ICC) CERTIFICATION	
ICC-SMSI	STRUCTURAL MASONRY SPECIAL INSPECTOR
ICC-SWSI	STRUCTURAL STEEL AND WELDING SPECIAL INSPECTOR
ICC-SFSI	SPRAY-APPLIED FIREPROOFING SPECIAL INSPECTOR
ICC-PCSI	PRESTRESSED CONCRETE SPECIAL INSPECTOR
ICC-RCSI	REINFORCED CONCRETE SPECIAL INSPECTOR
NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES (NICET)	
NICET-CT	CONCRETE TECHNICIAN - LEVELS I, II, III & IV
NICET-ST	SOIL TECHNICIAN - LEVELS I, II, III & IV
NICET-GET	GEOTECHNICAL ENGINEERING TECHNICIAN - LEVELS I, II, III, & IV
EXTERIOR DESIGN INSTITUTE (EDI) CERTIFICATION	
EDI-EIFS	EIFS THIRD PARTY INSPECTOR

STATEMENT OF SPECIAL INSPECTIONS

1704.2.2 ACCESS FOR SPECIAL INSPECTION
THE CONSTRUCTION OR WORK FOR WHICH SPECIAL INSPECTION OR TESTING IS REQUIRED SHALL REMAIN ACCESSIBLE AND EXPOSED FOR SPECIAL INSPECTION OR TESTING PURPOSES UNTIL COMPLETION OF THE REQUIRED SPECIAL INSPECTIONS OR TESTS.

1704.2.4 REPORT REQUIREMENT
APPROVED AGENCIES SHALL KEEP RECORDS OF SPECIAL INSPECTIONS AND TESTS. THE APPROVED AGENCY SHALL SUBMIT REPORTS OF SPECIAL INSPECTIONS AND TESTS TO THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. REPORTS SHALL INDICATE THAT WORK INSPECTED OR TESTED WAS OR WAS NOT COMPLETED IN CONFORMANCE TO APPROVED CONSTRUCTION DOCUMENTS. DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF THEY ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND TO THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE PRIOR TO THE COMPLETION OF THAT PHASE OF THE WORK. A FINAL REPORT DOCUMENTING REQUIRED SPECIAL INSPECTIONS AND TESTS, AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS OR TESTS, SHALL BE SUBMITTED AT A POINT IN TIME AGREED UPON PRIOR TO THE START OF WORK BY THE OWNER OR THE OWNER'S AUTHORIZED AGENT TO THE BUILDING OFFICIAL.

1704.4 CONTRACTOR RESPONSIBILITY
EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND- OR SEISMIC FORCE-RESISTING SYSTEM, DESIGNATED SEISMIC SYSTEM OR A WIND- OR SEISMIC FORCE-RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER OR THE OWNER'S AUTHORIZED AGENT PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTIONS.

1705.2.2 COLD-FORMED STEEL DECK

SPECIAL INSPECTIONS AND QUALIFICATION OF WELDING SPECIAL INSPECTORS FOR COLD-FORMED STEEL FLOOR AND ROOF DECK SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF SDI QA/QC.

1705.2.1 STRUCTURAL STEEL

SPECIAL INSPECTIONS AND NONDESTRUCTIVE TESTING OF STRUCTURAL STEEL ELEMENTS IN BUILDINGS, STRUCTURES AND PORTIONS THEREOF SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF AISC 360.

EXCEPTION: SPECIAL INSPECTION OF RAILING SYSTEMS COMPOSED OF STRUCTURAL STEEL ELEMENTS SHALL BE LIMITED TO WELDING INSPECTION OF WELDS AT THE BASE OF CANTILEVERED RAIL POSTS.

REQUIRED SPECIAL INSPECTIONS AND TESTS (CHECKED AS APPLICABLE TO THIS PROJECT):

[ ] SPECIAL CONSTRUCTION CASES AS NOTED BELOW:
_____
_____
_____

[X] STRUCTURAL STEEL
[ ] OPEN-WEB STEEL JOISTS AND JOIST GIRDERS
[X] MASONRY CONSTRUCTION
[X] SOILS
[X] CAST-IN-PLACE DEEP FOUNDATIONS
[ ] SEISMIC ISOLATION SYSTEMS
[X] FABRICATED ITEMS
[ ] COLD-FORMED STEEL SPECIAL BOLTED MOMENT FRAMES
[X] PLUMBING, MECHANICAL AND ELECTRICAL COMPONENTS
[ ] WIND RESISTANCE:
  [ ] STRUCTURAL WOOD
  [ ] COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION
  [ ] WIND-RESISTING COMPONENTS
[X] SEISMIC RESISTANCE:
  [X] STRUCTURAL STEEL:
    [X] SEISMIC FORCE-RESISTING SYSTEMS
    [ ] STRUCTURAL STEEL ELEMENTS
  [ ] STRUCTURAL WOOD
  [ ] COLD-FORMED STEEL LIGHT-FRAME CONSTRUCTION
  [ ] DESIGNATED SEISMIC SYSTEMS
  [ ] ARCHITECTURAL COMPONENTS:
    [ ] ACCESS FLOORS

[X] COLD-FORMED STEEL DECK
[X] CONCRETE CONSTRUCTION
[ ] WOOD CONSTRUCTION
[ ] DRIVEN DEEP FOUNDATIONS
[ ] HELICAL PILE FOUNDATIONS
[ ] STORAGE RACKS

SUBMITTALS TO THE BUILDING OFFICIAL (CHECKED AS APPLICABLE TO THIS PROJECT):

IN ADDITION TO THE SUBMITTAL OF REPORTS OF SPECIAL INSPECTIONS AND TESTS, REPORTS AND CERTIFICATES SHALL BE SUBMITTED BY THE OWNER OR THE OWNER'S AUTHORIZED AGENT TO THE BUILDING OFFICIAL FOR EACH OF THE FOLLOWING CHECKED:

[X] CERTIFICATES OF COMPLIANCE FOR THE FABRICATION OF STRUCTURAL, LOAD BEARING OR LATERAL LOAD-RESISTING MEMBERS OR ASSEMBLIES ON THE PREMISES OF A REGISTERED AND APPROVED FABRICATOR.

[X] CERTIFICATES OF COMPLIANCE FOR THE SEISMIC QUALIFICATION OF NONSTRUCTURAL COMPONENTS, SUPPORTS AND ATTACHMENTS.

[X] CERTIFICATES OF COMPLIANCE FOR DESIGNATED SEISMIC SYSTEMS.

[ ] REPORTS OF PRECONSTRUCTION TESTS FOR SHOTCRETE.

[X] CERTIFICATES OF COMPLIANCE FOR OPEN WEB STEEL JOISTS AND JOIST GIRDERS.

[ ] REPORTS OF MATERIAL PROPERTIES VERIFYING COMPLIANCE WITH THE REQUIREMENTS OF AWS D1.4 FOR WELDABILITY AS SPECIFIED IN SECTION 26.6.4 OF ACI 318 FOR REINFORCING BARS IN CONCRETE COMPLYING WITH A STANDARD OTHER THAN ASTM A706 THAT ARE TO BE WELDED.

[X] REPORTS OF MILL TESTS IN ACCORDANCE WITH SECTION 20.2.2.5 OF ACI 318 FOR REINFORCING BARS COMPLYING WITH ASTM A615 AND USED TO RESIST EARTHQUAKE-INDUCED FLEXURAL OR AXIAL FORCES IN THE SPECIAL MOMENT FRAMES, SPECIAL STRUCTURAL WALLS OR COUPLING BEAMS CONNECTING SPECIAL STRUCTURAL WALLS OF SEISMIC FORCE-RESISTING SYSTEMS IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY B, C, D, E OR F.

SCHEDULE OF STRUCTURAL OBSERVATIONS ANTICIPATED TO BE PERFORMED BY SEOR:

- FOUNDATIONS: (1) OBSERVATION
- ROOF FRAMING: (1) OBSERVATION
- SEISMIC/WIND LATERAL FORCE-RESISTING SYSTEM: (1) OBSERVATION

STRUCTURAL OBSERVATION DOES NOT INCLUDE OR WAIVE THE RESPONSIBILITY FOR THE INDICATED REQUIRED SPECIAL INSPECTIONS.

MINIMUM QUALIFICATIONS FOR STRUCTURAL SPECIAL INSPECTORS[a,b]

SPECIAL INSPECTION CATEGORY	REQUIRED EXPERIENCE	REQUIRED CERTIFICATION(S)	NOTES
CONCRETE CONSTRUCTION (PRESTRESSED/PRECAST)	NOTE c	ICC PRESTRESSED SI AND ICC REINFORCED CONCRETE SI	---
REINFORCED CONCRETE	NOTE c	ICC REINFORCED CONCRETE SI OR ACI CONCRETE CONSTRUCTION SI	---
NDT	120 HOURS FOR LEVEL II	ANSI/ASNT-CP-189 NDT OR SNT-TC-1a NDT	---
PIER AND PILE FOUNDATIONS	NOTE c	NICET II (GEOTECHNICAL OR CONSTRUCTION, OR CONSTRUCTION MATERIAL TESTING OR SOILS)	NOTE d
POST-INSTALLED STRUCTURAL ANCHORS IN CONCRETE	NOTE c	ICC REINFORCED CONCRETE SI OR ACI CONCRETE CONSTRUCTION SI	---
SOILS	NOTE c	ICC SOILS SI OR NICET II (GEOTECHNICAL OR CONSTRUCTION, OR CONSTRUCTION MATERIAL TESTING OR SOILS)	NOTE d
STEEL (HIGH-STRENGTH BOLTING)	NOTE c	ICC STRUCTURAL STEEL AND BOLTING SI	---
STEEL (WELDING)	5 YEARS MINIMUM OR IN ACCORDANCE WITH LAWS	AWS CWI OR ICC STRUCTURAL WELDING SI	---
MASONRY CONSTRUCTION	NOTE c	ICC STRUCTURAL MASONRY SI	---
WOOD CONSTRUCTION	NOTE c	ICC COMMERCIAL BUILDING INSPECTOR OR ICC RESIDENTIAL BUILDING INSPECTOR	NOTE d
STRUCTURAL COLD-FORMED STEEL	NOTE c	ICC COMMERCIAL BUILDING INSPECTOR OR ICC RESIDENTIAL BUILDING INSPECTOR	NOTE d
EXCAVATION-SHEETING, CHORING AND BRACING	NOTE c	NICET II (GEOTECHNICAL OR CONSTRUCTION, OR CONSTRUCTION MATERIAL TESTING OR SOILS)	NOTE d
STRUCTURAL SAFETY-STABILITY AND MECHANICAL DEMOLITION	NOTE c	RDP, PE, BS ENGINEERING / ARCHITECTURE OR VALID SITE SAFETY MANAGER CERTIFICATION	---
SEISMIC ISOLATION SYSTEMS	NOTE c	RDP, PE, BS ENGINEERING / ARCHITECTURE	---
SPECIAL CASES	NOTE c	ICC COMMERCIAL BUILDING INSPECTOR OR ICC RESIDENTIAL BUILDING INSPECTOR	NOTE d

IT IS RECOGNIZED THAT THE DEVELOPMENT OF QUALIFIED INSPECTORS REQUIRES THOSE INDIVIDUALS TO OBTAIN EXPERIENCE PERFORMING INSPECTIONS OF ACTUAL WORK. THE REQUIREMENTS HEREIN INCLUDE SUCH EXPERIENCE, AS DO SOME OF THE REQUIRED CERTIFICATIONS. TO PROVIDE A VEHICLE FOR INDIVIDUALS TO OBTAIN THIS EXPERIENCE, THEY SHALL PERFORM INSPECTIONS IN ACCORDANCE WITH WRITTEN ASSOCIATE OR APPRENTICE PROGRAMS THAT ARE PREPARED BY THE SIA, APPROVED BY THE SIA AND MEET THE REQUIREMENTS OF THE LOCAL GOVERNING AUTHORITY. THESE PROGRAMS MUST INCLUDE, AT MINIMUM, PASSING CERTIFICATION EXAMS, WHEN AVAILABLE, ADMINISTERED BY THIRD-PARTY AGENCIES, SUCH AS ICC AND ACI: IN-HOUSE SIA AND THIRD-PARTY TRAINING: OBSERVATION BY THE ASSOCIATE OR APPRENTICE OF INSPECTIONS PERFORMED BY CERTIFIED INSPECTORS: AND PERFORMANCE BY THE ASSOCIATE OR APPRENTICE INSPECTORS OF DUPLICATE INSPECTIONS WITH CERTIFIED INSPECTORS. THIS WRITTEN PROGRAM WILL ALSO DEFINE THE USE OF ASSOCIATE OR APPRENTICE INSPECTORS AND WILL LIMIT THEIR USE BASED UPON THE LEVEL OF SUPERVISION AND THE COMPLEXITY OF THE INSPECTION ASSIGNMENT. THE COMPLEXITY OF AN ASSIGNMENT SHALL BE MINIMAL AND/OR TASK SPECIFIC. SUPERVISION SHALL BE DIRECT, WITH A CERTIFIED INSPECTOR BEING PRESENT THE SITE WITH THE ASSOCIATE OR APPRENTICE. THE ASSOCIATE OR APPRENTICE TO CERTIFIED INSPECTOR RATIO ON A PROJECT SITE SHALL NOT EXCEED 1:1. ALL DOCUMENTS RELATED TO WORK BY AN ASSOCIATE OR APPRENTICE INSPECTOR MUST BE COSIGNED BY A INSPECTOR. THE WRITTEN PROGRAM MUST INCLUDE DOCUMENTATION OF COMPLIANCE WITH THE PROGRAM. WHEN QUALIFICATIONS OF SPECIAL INSPECTORS ARE LOCALLY DEFINED, BY STATUTE, ORDINANCE OR RULE THAT MEET OR EXCEED THE REQUIREMENTS OUTLINED IN THIS CRITERIA, THESE LOCAL REQUIREMENTS SHALL BE RECOGNIZED.
APPLICANTS SHALL COMPLY WITH ONE OF THE FOLLOWING EDUCATION AND EXPERIENCE REQUIREMENTS:
1. PE, LICENSED ARCHITECTS OR BDP, AND A MINIMUM OF THREE MONTHS OF RELEVANT WORK EXPERIENCE; OR
2. BS IN ENGINEERING, ARCHITECTURE OR PHYSICAL SCIENCE, AND A MINIMUM OF SIX MONTHS OF RELEVANT WORK EXPERIENCE; OR
3. TWO YEARS OF VERIFIED COLLEGE OR TECHNICAL SCHOOL (A COPY OF DIPLOMA OR TRANSCRIPT REQUIRED), AND A MINIMUM OF ONE YEAR OF RELEVANT WORK EXPERIENCE; OR
4. HIGH SCHOOL OR EQUIVALENT GRADUATE (A COPY OF DIPLOMA OR CERTIFICATE REQUIRED), AND A MINIMUM OF TWO YEARS OF VERIFIED RELEVANT WORK EXPERIENCE; OR
5. A MINIMUM THREE YEARS OF VERIFIED RELEVANT WORK EXPERIENCE.
PE, LICENSED ARCHITECTS OR DRP ARE EXEMPT FROM THE REQUIRED CERTIFICATIONS LISTED ON THIS TABLE, BUT ARE SUBJECT TO ON-SITE ASSESSMENT OF COMPETENCE BY IAS.TX

TABLE 1705.3 REQUIRED SPECIAL INSPECTION AND TESTS OF CONCRETE CONSTRUCTION

TYPE	APPLICABLE TO THIS PROJECT?	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD*	IBC REFERENCE
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	Y	-	X	ACI 318 CH. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
2. REINFORCING BAR WELDING: a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706; b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND c. INSPECT ALL OTHER WELDS.	N N N	- X	X X	AWS D1.4 ACI 318: 26.6.4	-
3. INSPECT ANCHORS CAST IN CONCRETE.	Y	-	X	ACI 318: 17.8.2	-
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS [b] a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS. b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	Y Y	X	 X	ACI 318: 17.8.2.4 ACI 318: 17.8.2	-
5. VERIFY USE OF REQUIRED DESIGN MIX.	Y	-	X	ACI 318: CH. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
6. PRIOR TO CONCRETE PLACEMENT, FABTICATE SPECIMENS FOR STRENGTH TEST, PERFOM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	Y	X	-	ASTM C172, ASTM C31 ACI 318: 26.5, 26.12	1908.10
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	Y	X	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	Y	-	X	ACI 318: 26.5.3-26.5.5	1908.9
9. INSPECT PRESTRESSED CONCRETE FOR: a. APPLICATION OF PRESTRESSING FORCES; AND b. GROUTING OF BONDED PRESTRESSING TENDONS.	N N	X X	- -	ACI 318: 26.10	-
10. INSPECT ERECTION OF PRECAST MEMBERS.	N	-	X	ACI 318: CH. 26.9	-
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	N	-	X	ACI 318: 26.11.2	-
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMESIONS OF THE CONCRETE MEMBER BEING FORMED.	Y	-	X	ACI 318: 26.11.1.2 (b)	-

FOR SI: 1" =25.4mm.

a. WHERE APPLICABLE, SEE ALSO SECTION 1705.12, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.
b. SPECIFIC REQUIREMENTS FOR SPECIAL INSPECTION SHALL BE INCLUDED IN THE RESEARCH REPORT FOR THE ANCHOR ISSUED BY AN APPORVED SOURCE IN ACCORDANCE WITH 17.8.2 IN ACI 318, OR OTHER QUALIFICATION PROCEDURES. WHERE SPECIFIC REQUIREMENTS ARE NOT PROVIDED, SPECIAL INSPECTION REQUIREMENTS SHALL BE SPECIFIED BY THE REGISTERED DESIGN PROFESSIONAL AND SHALL BE APPROVED BY THE BUILDING OFFICIAL PRIOR TO THE COMMENCEMENT OF THE WORK.

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No.	Revision Description	Date

STRUCTURAL SPECIAL INSPECTIONS

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S0.2

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STRUCTURAL SPECIAL INSPECTIONS

(APPLIES TO SX.X SERIES SHEETS ONLY.)

TABLE 1705.2.3 REQUIRED SPECIAL INSPECTION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS

TYPE	APPLICABLE TO THIS PROJECT?	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD[a]
1. INSTALLATION OF OPEN-WEB STEEL JOISTS AND JOIST GIRDERS.				
a. END CONNECTIONS - WELDING OR BOLTED.	Y	-	X	SJI SPECIFICATIONS LISTED IN SECTION 2207.1.
b. BRIDGING - HORIZONTAL OR DIAGONAL.	Y	-	-	-
1. STANDARD BRIDGING.	Y	-	X	SJI SPECIFICATIONS LISTED IN SECTION 2207.1.
2. BRIDGING THAT DIFFERS FROM THE SJI SPECIFICATIONS LISTED IN SECTION 2207.1.	Y	-	X	-

FOR SI: 1" =25.4 mm.

a. WHERE APPLICABLE, SEE ALSO SECTION 1705.12, SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE.

TABLE 1705.6 REQUIRED SPECIAL INSPECTION AND TESTS OF SOILS

TYPE	APPLICABLE TO THIS PROJECT?	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	Y	-	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	Y	-	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	Y	-	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	Y	X	-
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	Y	-	X

AISC 360-10 - TABLE N5.6-1 INSPECTION TASKS PRIOR TO BOLTING

INSPECTION TASK PRIOR TO BOLTING	APPLICABLE TO THIS PROJECT	QC	QA
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	Y	O	P
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	Y	O	O
PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	Y	O	O
PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	Y	O	O
CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	Y	O	O
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED	Y	P	O
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER COMPONENTS	Y	O	O

O - OBSERVE THESE ITEMS ON A RANDOM BASIS.
P - PERFORM THESE TASKS FOR EACH STEEL ELEMENT.
QC - PROVIDED BY FABRICATOR AND ERECTOR.
QA - PROVIDED BY OWNER'S AGENT.

AISC TABLE N5.6-2 INSPECTION TASKS DURING BOLTING

INSPECTION TASK DURING BOLTING	APPLICABLE TO THIS PROJECT	QC	QA
FASTENER ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	Y	O	O
JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	Y	O	O
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	Y	O	O
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	Y	O	O

O - OBSERVE THESE ITEMS ON A RANDOM BASIS.
P - PERFORM THESE TASKS FOR EACH STEEL ELEMENT.
QC - PROVIDED BY FABRICATOR AND ERECTOR.
QA - PROVIDED BY OWNER'S AGENT.

AISC TABLE N5.6-3 INSPECTION TASKS AFTER BOLTING

INSPECTION TASK AFTER BOLTING	APPLICABLE TO THIS PROJECT	QC	QA
DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	Y	P	P

O - OBSERVE THESE ITEMS ON A RANDOM BASIS.
P - PERFORM THESE TASKS FOR EACH STEEL ELEMENT.
QC - PROVIDED BY FABRICATOR AND ERECTOR.
QA - PROVIDED BY OWNER'S AGENT.

AISC 360-10 - TABLE N5.4-1 INSPECTION TASKS PRIOR TO WELDING

INSPECTION TASK PRIOR TO WELDING	APPLICABLE TO THIS PROJECT	QC	QA
WELDING PROCEDURE SPECIFICATIONS (WPSS) AVAILABLE	Y	P	P
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	Y	P	P
MATERIAL IDENTIFICATION (TYPE/GRADE)	Y	O	O
WELDER IDENTIFICATION SYSTEM[1]	Y	O	O
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY) • JOINT PREPARATION • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION) • BACKING TYPE AND FIT (IF APPLICABLE)	Y	O	O
CONFIGURATION AND FINISH OF ACCESS HOLES	Y	O	O
FIT-UP OF FILLET WELDS • DIMENSIONS (ALIGNMENT, GAPS AT ROOT)	Y	O	O
CHECK WELDING EQUIPMENT	Y	O	-
1 THE FABRICATOR OR ERECTOR, AS APPLICABLE, SHALL MAINTAIN A SYSTEM BY WHICH A WELDER WHO HAS WELDED A JOINT OR MEMBER CAN BE IDENTIFIED. STAMPS, IF USED, SHALL BE THE LOW-STRESS TYPE.			

O - OBSERVE THESE ITEMS ON A RANDOM BASIS.
P - PERFORM THESE TASKS FOR EACH STEEL ELEMENT.
QC - PROVIDED BY FABRICATOR AND ERECTOR.
QA - PROVIDED BY OWNER'S AGENT.

AISC TABLE N5.4-2 INSPECTION TASKS DURING WELDING

INSPECTION TASK DURING WELDING	APPLICABLE TO THIS PROJECT	QC	QA
USE OF QUALIFIED WELDERS	Y	O	O
CONTROL AND HANDLING OF WELDING CONSUMABLES • PACKAGING • EXPOSURE CONTROL	Y	O	O
NO WELDING OVER CRACKED TACK WELDS	Y	O	O
ENVIRONMENTAL CONDITIONS • WIND SPEED WITHIN LIMITS • PRECIPITATION AND TEMPERATURE	Y	O	O
WPS FOLLOWED • SETTINGS ON WELDING EQUIPMENT • TRAVEL SPEED • SELECTED WELDING MATERIALS • SHIELDING GAS TYPE/FLOW RATE • PREHEAT APPLIED • INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.) • PROPER POSITION (F, V, H, OH)	Y	O	O
WELDING TECHNIQUES • INTERPASS AND FINAL CLEANING • EACH PASS WITHIN PROFILE LIMITATIONS • EACH PASS MEETS QUALITY REQUIREMENTS	Y	O	O

O - OBSERVE THESE ITEMS ON A RANDOM BASIS.
P - PERFORM THESE TASKS FOR EACH STEEL ELEMENT.
QC - PROVIDED BY FABRICATOR AND ERECTOR.
QA - PROVIDED BY OWNER'S AGENT.

AISC TABLE N5.4-3 INSPECTION TASKS AFTER WELDING

INSPECTION TASK AFTER WELDING	APPLICABLE TO THIS PROJECT	QC	QA
WELDS CLEANED	Y	O	O
SIZE, LENGTH, AND LOCATION OF WELDS	Y	P	P
WELDS MEET VISUAL ACCEPTANCE CRITERIA • CRACK PROHIBITION • WELD/BASE-METAL FUSION • CRATER CROSS SECTION • WELD PROFILES • WELD SIZE • UNDERCUT • POROSITY	Y	P	P
ARC STRIKES	Y	P	P
k-AREA[1]	Y	P	P
BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	Y	P	P
REPAIR ACTIVITIES	Y	P	P
DOCUMENT ACCEPTANCE OR REJECTION OF WELD JOINT OR MEMBER	Y	P	P
1 WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES, OR STIFFENERS HAS BEEN PERFORMED IN THE k-AREA, VISUALLY INSPECT THE WEB k-AREA FOR CRACKS WITHIN 3" (75mm) OF THE WELD.			

O - OBSERVE THESE ITEMS ON A RANDOM BASIS.
P - PERFORM THESE TASKS FOR EACH STEEL ELEMENT.
QC - PROVIDED BY FABRICATOR AND ERECTOR.
QA - PROVIDED BY OWNER'S AGENT.

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WINCHESTER CITY HALL

7 S HIGH ST, SUITE 1
WINCHESTER, TN 37398

CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

STRUCTURAL SPECIAL INSPECTIONS

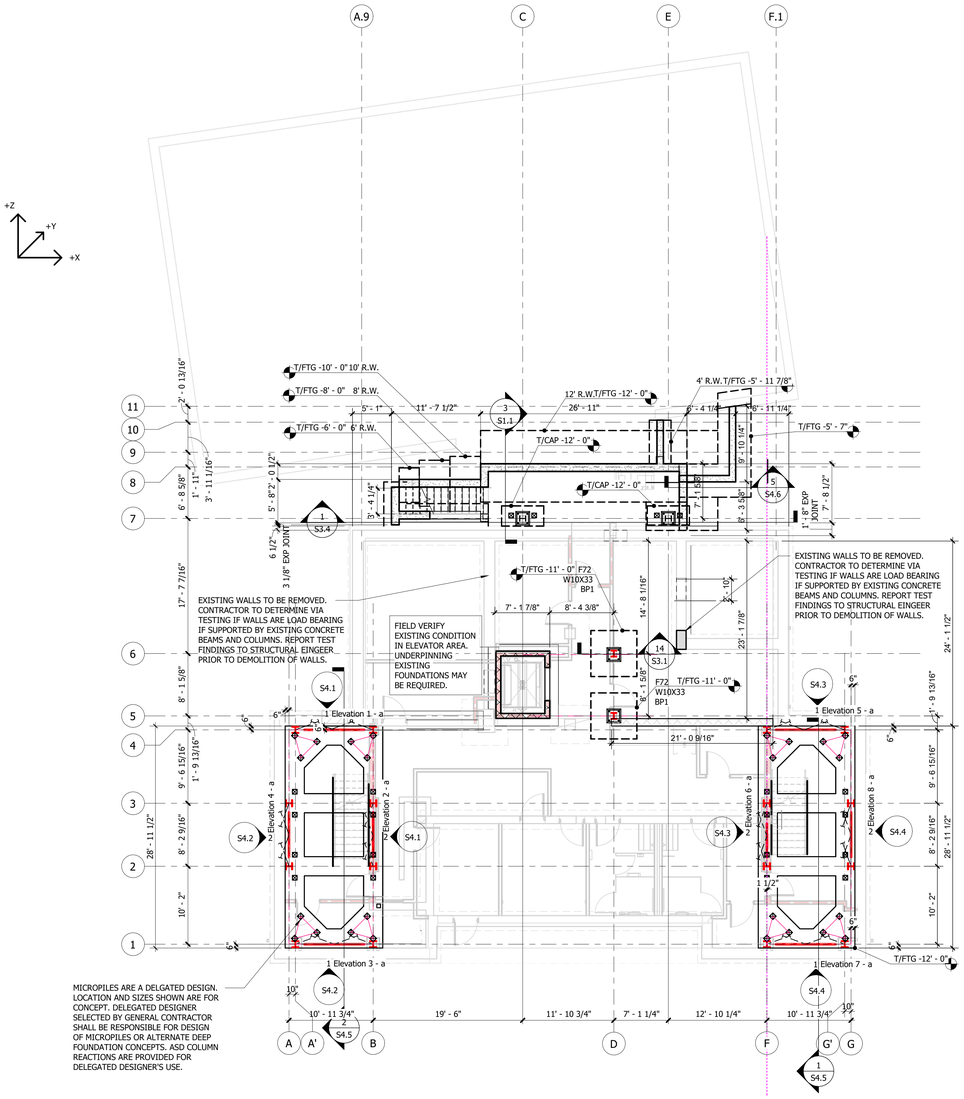
JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S0.3

Plotted on: 2/9/2026 2:37:17 PM

ASD Reactions for Stairwell Col				
COL. LOC.	LOAD	R_x(kips)	R_y(kips)	R_z(kips)
A-1	DL	0.59	0.00	4.63
A-1	RLL	0.05	0.00	0.65
A-1	WL	-3.39	-0.07	-16.38
A-1	EQ	-7.46	0.01	-15.37
A-1	HL	-0.60	0.00	-2.03
A-2	DL	0.00	0.69	7.11
A-2	RLL	0.00	0.08	1.41
A-2	WL	-2.54	5.15	29.48
A-2	EQ	0.00	-1.90	-12.26
A-2	HL	-1.32	-0.04	-0.43
A-3	DL	0.00	-0.69	7.05
A-3	RLL	0.00	-0.08	1.38
A-3	WL	-2.46	5.16	-29.35
A-3	EQ	0.00	-1.90	12.19
A-3	HL	-1.32	-0.04	-0.41
A-4	DL	0.58	0.00	4.59
A-4	RLL	0.05	0.00	0.64
A-4	WL	-3.37	-0.06	-16.38
A-4	EQ	-3.78	0.02	-9.51
A-4	HL	-0.61	0.00	-2.06
B-1	DL	-0.59	0.00	4.63
B-1	RLL	-0.05	0.00	0.65
B-1	WL	-3.43	-0.07	-16.38
B-1	EQ	-6.65	-0.24	15.34
B-1	HL	-0.00	-0.71	2.03
B-2	DL	0.00	0.69	7.11
B-2	RLL	0.00	0.08	1.41
B-2	WL	0.00	5.16	29.48
B-2	EQ	0.00	0.42	6.47
B-2	HL	0.00	0.04	0.42
B-3	DL	0.00	-0.69	7.05
B-3	RLL	0.00	-0.08	-29.35
B-3	WL	0.00	5.17	1.38
B-3	EQ	0.00	-12.26	29.08
B-3	HL	-0.04	0.00	0.40
B-4	DL	-0.58	0.00	4.59
B-4	RLL	-0.05	0.00	0.64
B-4	WL	-3.40	-0.06	16.42
B-4	EQ	-3.58	-0.25	9.48
B-4	HL	-0.72	0.00	2.07

DL = DEAD LOAD
RLL = ROOF LIVE LOAD
WL = WIND LOAD
EQ = EARTHQUAKE LOAD
HL = EARTH LOAD



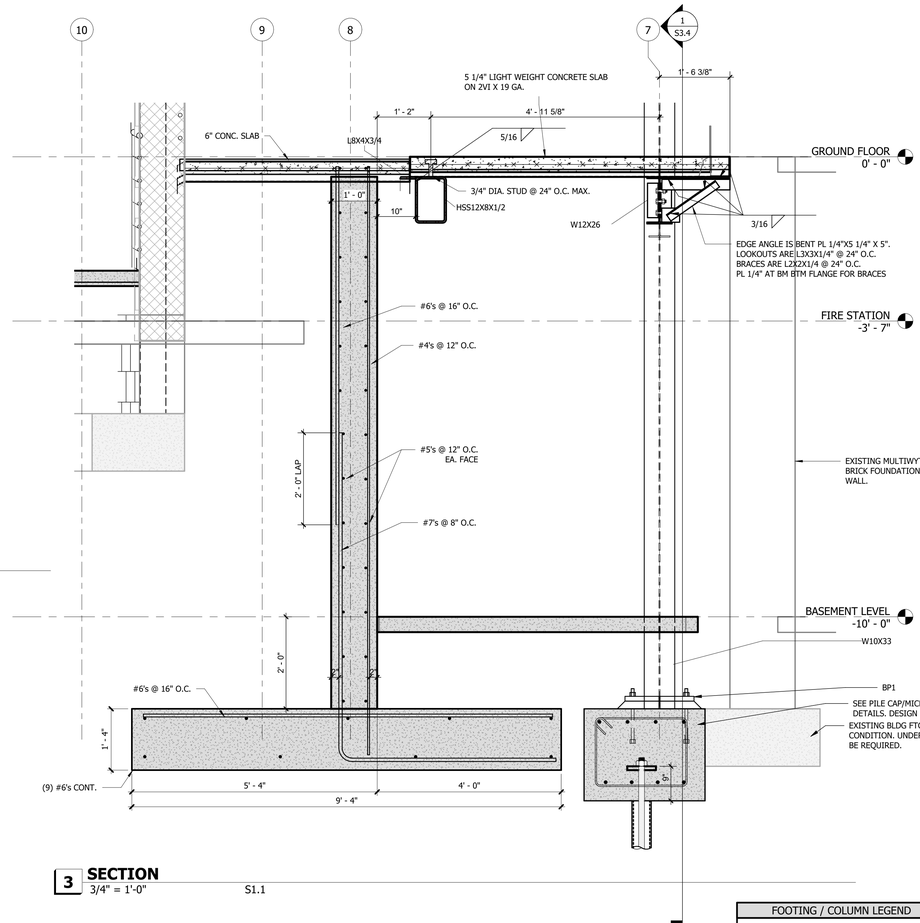
1 FOUNDATION PLAN
1/8" = 1'-0" S3.4

UNDERPINNING NOTES

1. ASSUME EXISTING FOOTING IS 2 FEET BELOW FINISHED FLOOR/FINISHED GRADE. VERIFY IN FIELD.
2. PROVIDE UNDERPINNING AT 4'-0 ON CENTER WHEREVER NEW EXCAVATION EXPOSES EXISTING FOOTING BELOW TOP OF FOOTING ELEVATION.
3. UNDERPINNING REQUIRED FROM 4'-0 PAST WESTERN MOST COLUMN TO 4'-0 PAST EASTERN MOST COLUMN ALONG FIRE STATION SIDE.
4. UNDERPINNING TO BE PUSH PIERS INSTALLED PRIOR TO EXCAVATION TO PREVENT UNDERMINING EXISTING FIRE STATION FOUNDATION.
5. CONTRACTOR TO VERIFY TYPE OF EXISTING FOOTING, i.e. CONTINUOUS CONCRETE FOOTING OR MULTI-WYTHE BRICK WALL BASE AND PROJECTION.
6. ASSUME EXISTING FIRE STATION HAS CONCRETE FOOTINGS (1970's CONSTRUCTION). IF BRICK FOOTINGS ARE ENCOUNTERED, NOTIFY ENGINEER IMMEDIATELY.
7. UNDERPINNING SHOWN IS CONCEPTUAL IN NATURE. CONTRACTOR SHALL PROVIDE A DELEGATED DESIGN BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF TENNESSEE FOR ALL UNDERPINNING, MICROPILES AND PIER CAP DESIGNS. SEE SHEET S0.1 FOR DELEGATED DESIGN REQUIREMENTS.

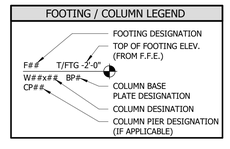
EXISTING BRICK REUSE NOTE

1. SALVAGE EXISTING BRICK DURING DEMOLITION. AVOID DAMAGE WHERE POSSIBLE.
2. REMOVE MORTAR AND STOCKPILE SALVAGED BRICK FOR REUSE AT EXISTING OPENINGS TO BE INFILLED.
3. MAINTAIN SEPARATE STOCKPILES BY SOURCE BUILDING DUE TO POTENTIAL VARIATIONS IN BRICK CHARACTERISTICS BETWEEN ORIGINAL CONSTRUCTION AND ADDITIONS.
4. CONTRACTOR SHALL USE TYPE "O" MORTAR FOR ALL SALVAGED BRICK INSTALLATION.



3 SECTION
3/4" = 1'-0" S1.1

FOOTING / COLUMN LEGEND



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CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

BASEMENT PLAN

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S1.1

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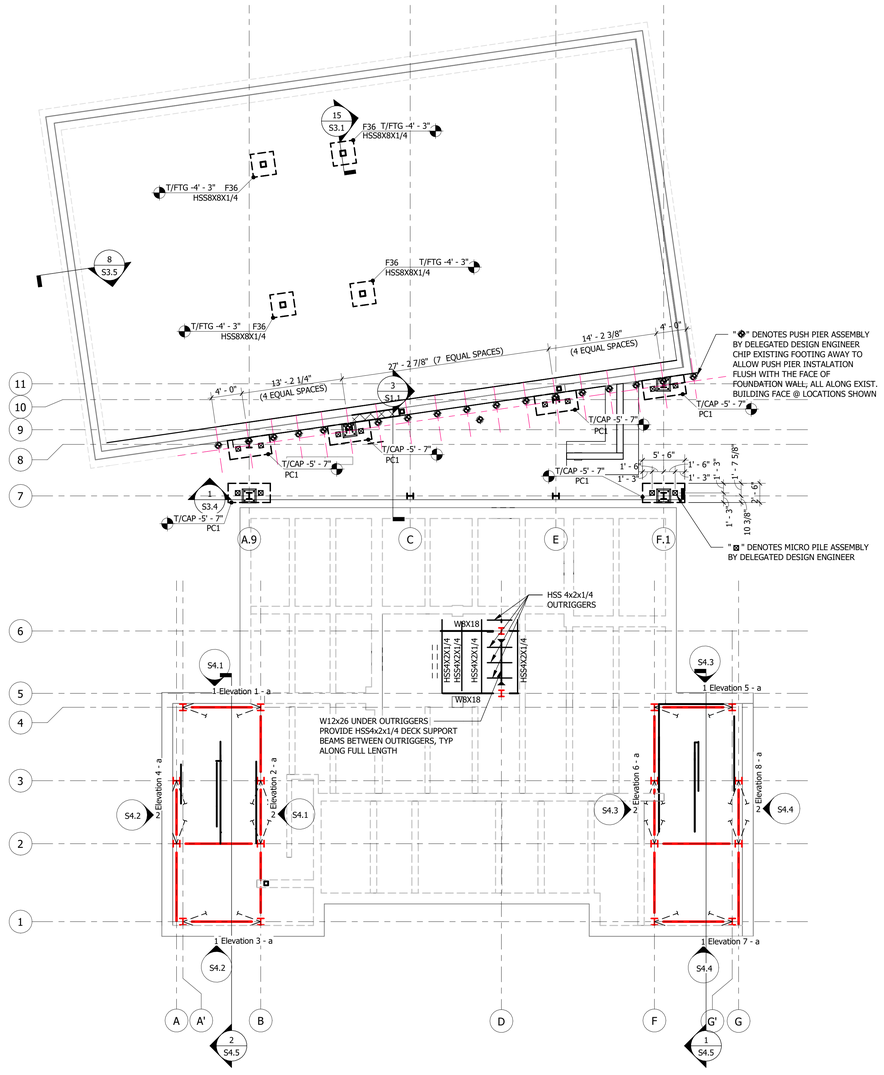

1 GROUND FLOOR UNDERPINNING LAYOUT PLAN

1/8" = 1'-0" S3.4

UNDERPINNING NOTES

1. ASSUME EXISTING FOOTING IS 2 FEET BELOW FINISHED FLOOR/FINISHED GRADE. VERIFY IN FIELD.
2. PROVIDE UNDERPINNING AT 4'-0 ON CENTER WHEREVER NEW EXCAVATION EXPOSES EXISTING FOOTING BELOW TOP OF FOOTING ELEVATION.
3. UNDERPINNING REQUIRED FROM 4'-0 PAST WESTERN MOST COLUMN TO 4'-0 PAST EASTERN MOST COLUMN ALONG FIRE STATION SIDE.
4. UNDERPINNING TO BE PUSH PIERS INSTALLED PRIOR TO EXCAVATION TO PREVENT UNDERMINING EXISTING FIRE STATION FOUNDATION.
5. CONTRACTOR TO VERIFY TYPE OF EXISTING FOOTING, i.e. CONTINUOUS CONCRETE FOOTING OR MULTI-WYTHE BRICK WALL BASE AND PROJECTION.
6. ASSUME EXISTING FIRE STATION HAS CONCRETE FOOTINGS (1970's CONSTRUCTION). IF BRICK FOOTINGS ARE ENCOUNTERED, NOTIFY ENGINEER IMMEDIATELY.
7. UNDERPINNING SHOWN IS CONCEPTUAL IN NATURE. CONTRACTOR SHALL PROVIDE A DELEGATED DESIGN BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF TENNESSEE FOR ALL UNDERPINNING, MICROPILES AND PIER CAP DESIGNS. SEE SHEET S0.1 FOR DELEGATED DESIGN REQUIREMENTS.

EXISTING BRICK REUSE NOTE

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2. REMOVE MORTAR AND STOCKPILE SALVAGED BRICK FOR REUSE AT EXISTING OPENINGS TO BE INFILLED.
3. MAINTAIN SEPARATE STOCKPILES BY SOURCE BUILDING DUE TO POTENTIAL VARIATIONS IN BRICK CHARACTERISTICS BETWEEN ORIGINAL CONSTRUCTION AND ADDITIONS.
4. CONTRACTOR SHALL USE TYPE "O" MORTAR FOR ALL SALVAGED BRICK INSTALLATION.

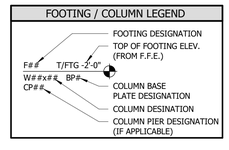
ISOLATED FOOTING SCHEDULE

MARK	WIDTH	LENGTH	THICKNESS	REINFORCING	COMMENT
F36	3' - 0"	3' - 0"	1' - 3"	(3) #6 EACH WAY TOP & BOT	
F72	6' - 0"	6' - 0"	1' - 6"	(6) #6 EACH WAY TOP & BOT	

PILE CAP SCHEDULE

MARK	WIDTH	LENGTH	DEPTH	REINFORCEMENT
PC1	5'-6"	2'-6"	1'-9"	(4) #6'S TOP & BTM w/ #3 TIES @ 32" O.C.

FOOTING / COLUMN LEGEND



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1-7-26

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WINCHESTER, TN 37398

CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

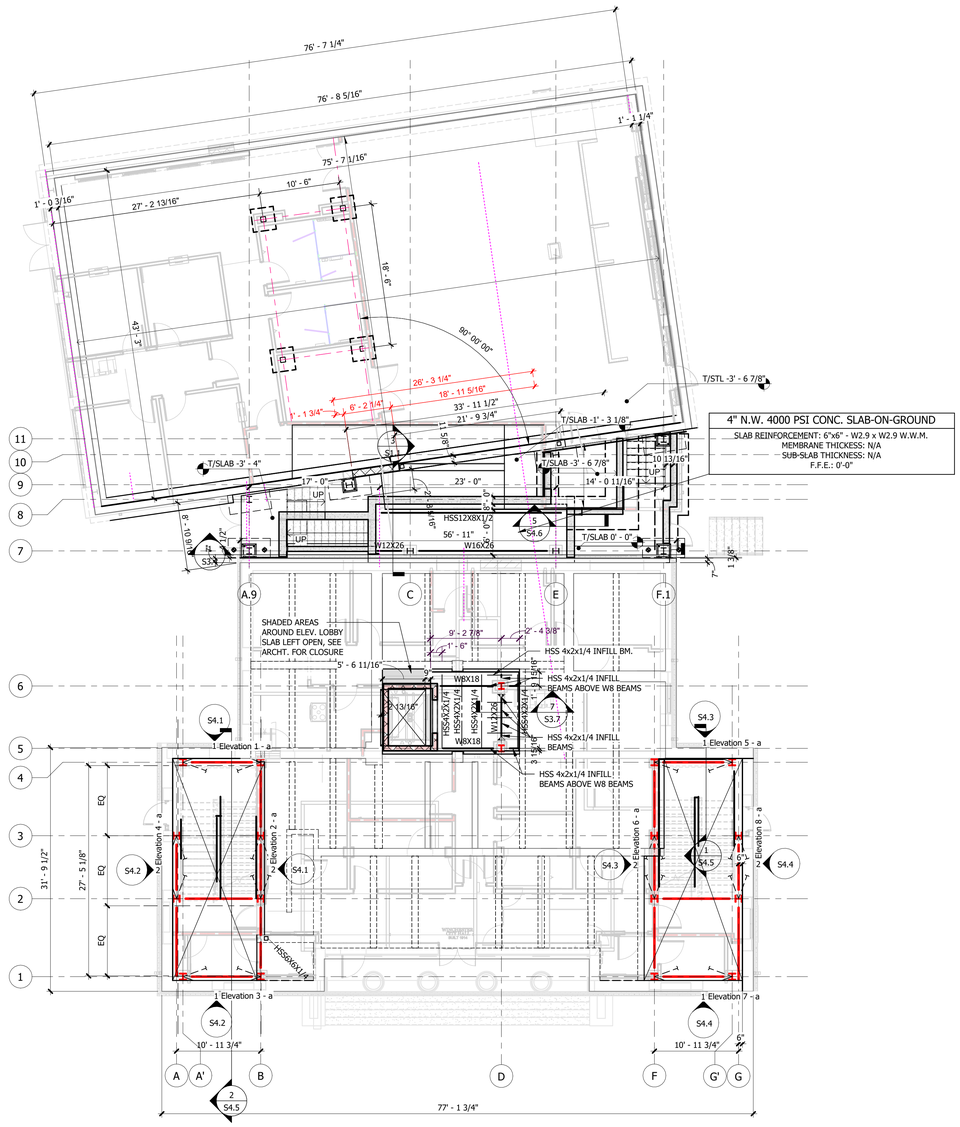
GROUND FLOOR UNDERPINNING LAYOUT PLAN

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S1.2

Plotted on: 2/9/2026 2:37:21 PM

ASD Reactions for Connector BLDG Columns						
COL. LOC.	LOAD	P_X(kips)	P_Y(kips)	P_Z(kips)	M_{OX}(k-ft)	M_{TY}(k-ft)
7-A.9	DL	0.01	0.01	1.78	-0.07	0.07
7-A.9	RLL	0.00	0.01	0.77	-0.04	0.04
7-A.9	WL	-0.10	-2.22	-3.95	15.11	-1.26
7-A.9	EQ	-0.01	-0.21	-0.37	1.40	-0.12
8-A.9	DL	0.00	-0.02	1.00	0.05	0.00
8-A.9	RLL	0.00	-0.01	0.32	-0.03	0.04
8-A.9	WL	0.00	-2.23	4.00	15.14	0.00
8-A.9	EQ	0.00	-0.21	0.37	1.40	0.00
9-B	DL	0.33	0.05	4.43	-0.19	1.28
9-B	RLL	0.19	0.03	2.32	-0.11	0.73
9-B	WL	-0.93	-0.14	0.01	-6.47	0.13
9-B	EQ	-0.21	-0.03	0.00	0.21	-1.46
10-E	DL	-0.33	-0.05	5.39	0.20	-1.36
10-E	RLL	-0.19	-0.03	2.94	0.12	-0.79
10-E	WL	-0.90	-0.13	0.02	0.92	-6.24
10-E	EQ	-0.21	-0.03	0.00	0.21	-1.45
11-F.1	DL	-0.00	-0.11	1.77	0.46	0.00
11-F.1	RLL	0.00	-0.07	0.80	0.28	0.00
11-F.1	WL	0.00	-1.98	1.42	13.91	0.00
11-F.1	EQ	0.00	-0.18	0.13	1.29	0.00
8-F.1	DL	-0.00	0.11	1.98	-0.47	0.00
8-F.1	RLL	0.00	0.07	0.93	-0.28	0.00
8-F.1	WL	0.00	-1.98	-1.41	13.88	0.00
8-F.1	EQ	0.00	-0.18	-0.13	1.28	0.00
8-E	DL	0.02	0.00	4.46	0.00	0.21
8-E	RLL	0.01	0.00	2.30	0.12	0.00
8-E	WL	-0.76	0.00	-1.41	0.00	-7.32
8-E	EQ	-0.16	0.00	0.05	0.00	-1.53
8-C	DL	-0.03	0.00	4.70	0.00	-0.07
8-C	RLL	-0.02	0.00	2.37	0.00	-0.05
8-C	WL	-0.74	0.00	-0.33	0.00	-7.22
8-C	EQ	-0.15	0.00	-0.07	0.00	-1.50



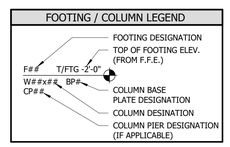
1 GROUND FLOOR FRAMING PLAN

1/8" = 1'-0" S3.4

UNDERPINNING NOTES

1. ASSUME EXISTING FOOTING IS 2 FEET BELOW FINISHED FLOOR/FINISHED GRADE. VERIFY IN FIELD.
2. PROVIDE UNDERPINNING AT 4'-0 ON CENTER WHEREVER NEW EXCAVATION EXPOSES EXISTING FOOTING BELOW TOP OF FOOTING ELEVATION.
3. UNDERPINNING REQUIRED FROM 4'-0 PAST WESTERN MOST COLUMN TO 4'-0 PAST EASTERN MOST COLUMN ALONG FIRE STATION SIDE.
4. UNDERPINNING TO BE PUSH PIERS INSTALLED PRIOR TO EXCAVATION TO PREVENT UNDERMINING EXISTING FIRE STATION FOUNDATION.
5. CONTRACTOR TO VERIFY TYPE OF EXISTING FOOTING, i.e. CONTINUOUS CONCRETE FOOTING OR MULTI-WYTHE BRICK WALL BASE AND PROJECTION.
6. ASSUME EXISTING FIRE STATION HAS CONCRETE FOOTINGS (1970's CONSTRUCTION). IF BRICK FOOTINGS ARE ENCOUNTERED, NOTIFY ENGINEER IMMEDIATELY.
7. UNDERPINNING SHOWN IS CONCEPTUAL IN NATURE. CONTRACTOR SHALL PROVIDE A DELEGATED DESIGN BY A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF TENNESSEE FOR ALL UNDERPINNING, MICROPILES AND PIER CAP DESIGNS. SEE SHEET S0.1 FOR DELEGATED DESIGN REQUIREMENTS.

FOOTING / COLUMN LEGEND



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WINCHESTER CITY HALL

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CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

GROUND FLOOR FOUNDATION / FRAMING PLAN

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S1.3

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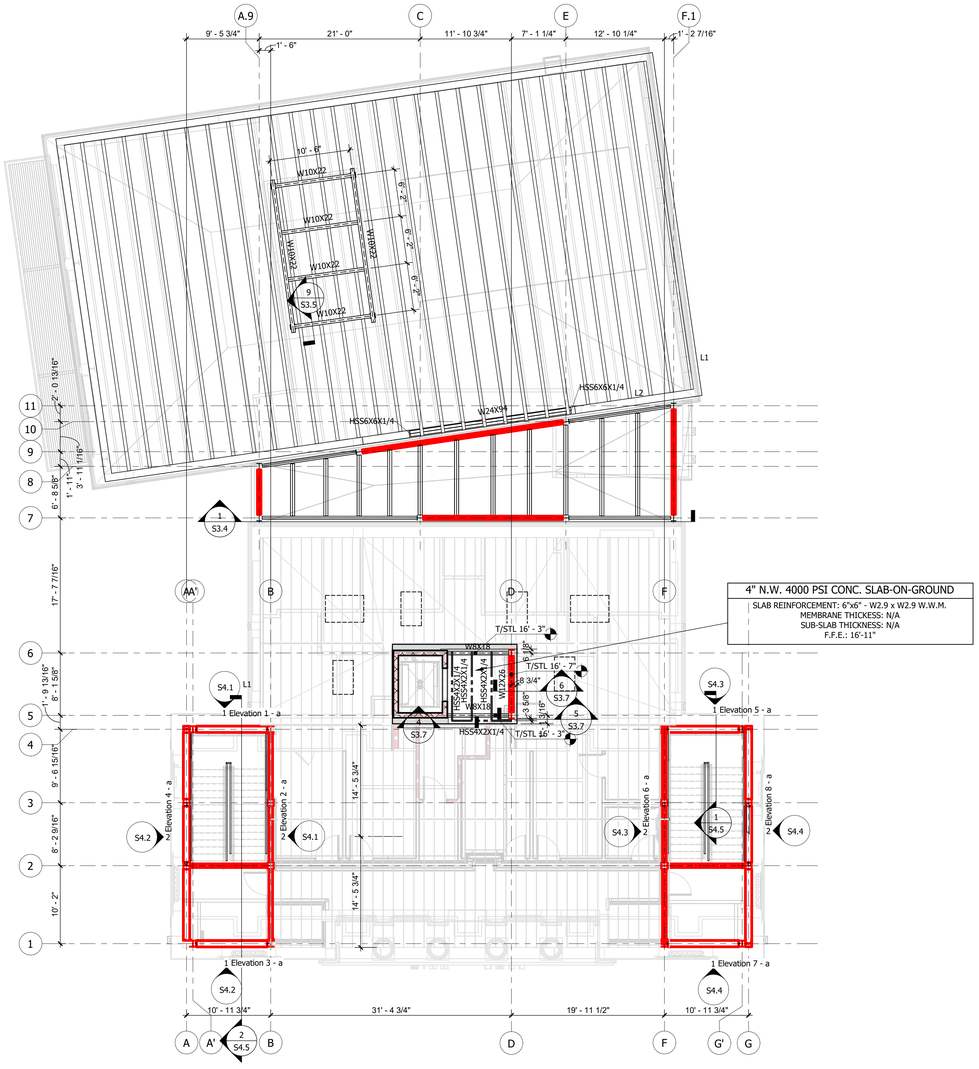


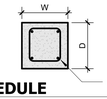
4" N.W. 4000 PSI CONC. SLAB-ON-GROUND

SLAB REINFORCEMENT: 6"x6" - W2.9 x W2.9 W.W.M.
MEMBRANE THICKESS: N/A
SUB-SLAB THICKNESS: N/A
F.F.E.: 16'-11"

1 SECOND FLOOR

1/8" = 1'-0" S3.4

PRECAST LINTEL SCHEDULE			
MARK	OPENING WIDTH	BEAM SIZE	REINFORCEMENT
L1	0'-0" TO 4'-0"	1'-0" x 1'-0"	(2) #5'S TOP & BTM w/ #3 TIES @ 32" O.C.
L2	4'-1" TO 8'-0"	1'-0" x 1'-2"	(2) #5'S TOP & BTM w/ #3 TIES @ 32" O.C.



2 PRECAST LINTEL SCHEDULE

3/4" = 1'-0"

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CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

SECOND FLOOR FRAMING PLAN

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S1.4

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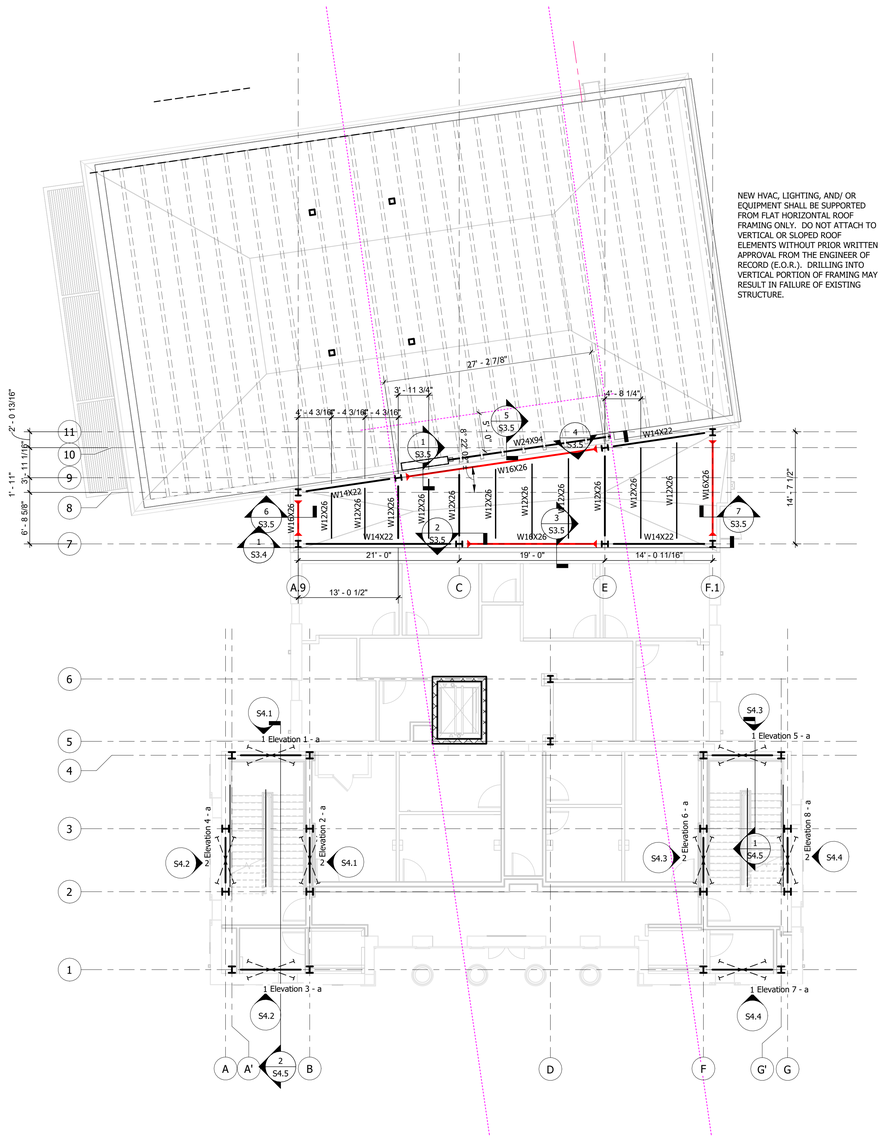

NEW HVAC, LIGHTING, AND/ OR EQUIPMENT SHALL BE SUPPORTED FROM FLAT HORIZONTAL ROOF FRAMING ONLY. DO NOT ATTACH TO VERTICAL OR SLOPED ROOF ELEMENTS WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER OF RECORD (E.O.R.). DRILLING INTO VERTICAL PORTION OF FRAMING MAY RESULT IN FAILURE OF EXISTING STRUCTURE.

SHORING NOTES FOR SQUEEZE BEAM

1. CONTRACTOR TO SHORE EXISTING ROOF CONSTRUCTION WHILE SQUEEZE BEAMS ARE INSTALLED AND DURING ALL CUTTING OPERATIONS.
2. SHORING SHALL SUPPORT PRECAST DOUBLE-TEES/CHANNELS TO REMOVE LOAD FROM MASONRY WALL DURING CONSTRUCTION.
3. DO NOT RELY ON SQUEEZE BEAM ALONE FOR TEMPORARY SUPPORT - PROVIDE INDEPENDENT SHORING.
4. SHORING TO REMAIN IN PLACE UNTIL PERMANENT STEEL BEAM IS INSTALLED AND PROPERLY BEARING.

SUGGESTED SEQUENCE OF CONSTRUCTION

1. INSTALL TEMPORARY SHORING UNDER EXISTING PRECAST ROOF STRUCTURE.
2. INSTALL SQUEEZE BEAM [SIZE TBD BY ENGINEER] WITH [X] BOLTS AT EACH END (2 ROWS TOP AND BOTTOM) AND STAGGERED BOLTS BETWEEN. EXTEND SQUEEZE BEAM 3'-0 TO 4'-0 PAST OPENING ON EACH SIDE.
3. POSITION SQUEEZE BEAM 1 TO 2 ABOVE FINAL BEAM ELEVATION TO ALLOW FOR SAW CUTTING CLEARANCE.
4. PROVIDE CRUSH TUBES OR WOOD BLOCKING IN AIRSPACE BETWEEN BRICK AND CMU TO PREVENT CRUSHING DURING SQUEEZE BEAM INSTALLATION.
5. AFTER SQUEEZE BEAM IS FULLY BEARING AND BOLTED, SAW CUT HORIZONTAL OPENING FOR NEW BEAM.
6. CUT EXISTING MASONRY COLUMN/PIER AS REQUIRED.
7. INSTALL PERMANENT STEEL BEAM [SIZE TBD] WITH [TOP PLATE OR BOTTOM PLATE - PENDING ARCHITECT APPROVAL].
8. FIELD CUT TOP COURSE OF MASONRY TO PROVIDE FULL BEARING. SHIM TIGHT FOR COMPLETE CONTACT.
9. AFTER PERMANENT BEAM IS VERIFIED TO BE FULLY BEARING, REMOVE SQUEEZE BEAM.
10. REMOVE TEMPORARY ROOF SHORING AFTER PERMANENT BEAM INSTALLATION IS COMPLETE.

1 CONNECTOR ROOF FRAMING PLAN
1/8" = 1'-0" S3.4

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CITY OF WINCHESTER, TENNESSEE

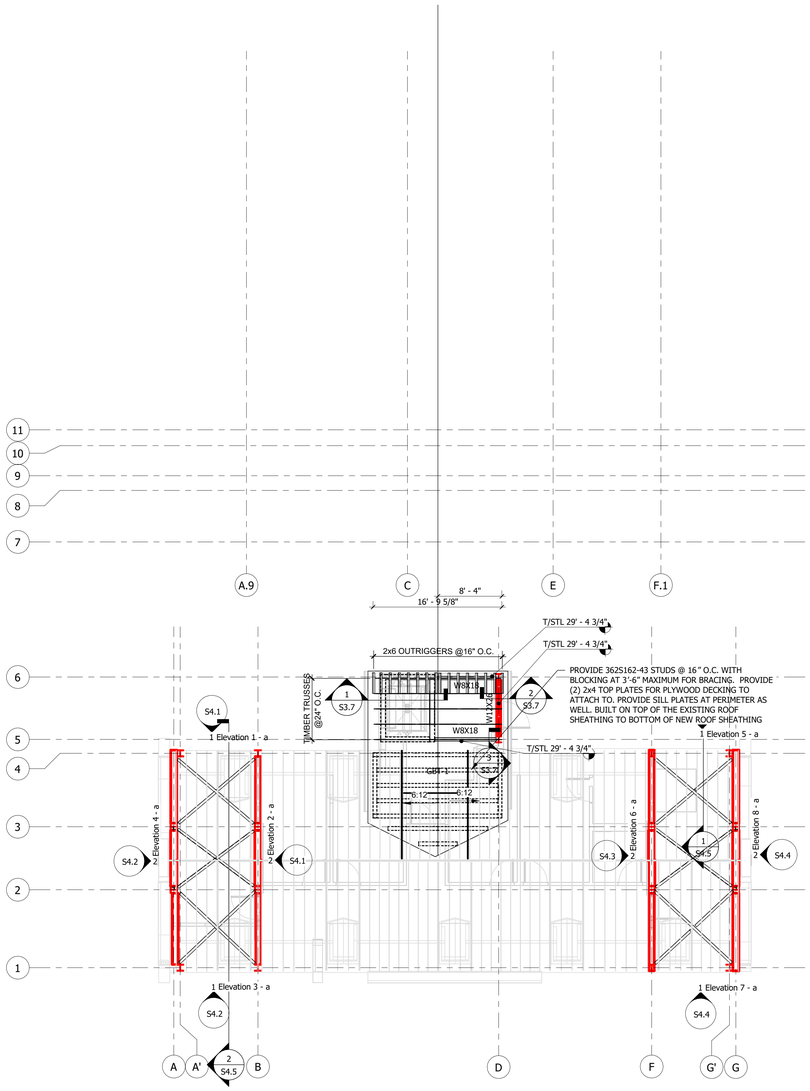
No.	Revision Description	Date

NEW CONNECTOR ROOF FRAMING PLAN

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S1.5

Plotted on: 2/9/2026 2:37:31 PM



1 ROOF FRAMING PLAN
1/8" = 1'-0" S4.1

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No.	Revision Description	Date

ROOF FRAMING PLAN

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S1.6

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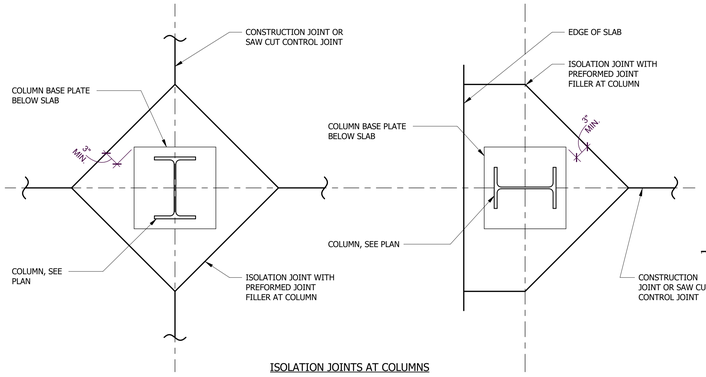
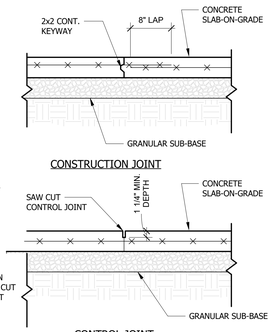


ISOLATION JOINTS AT COLUMNS



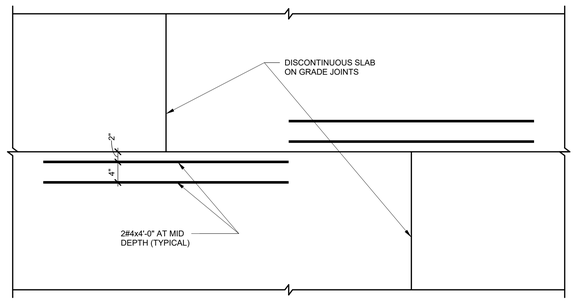
CONSTRUCTION JOINT

CONTROL JOINT

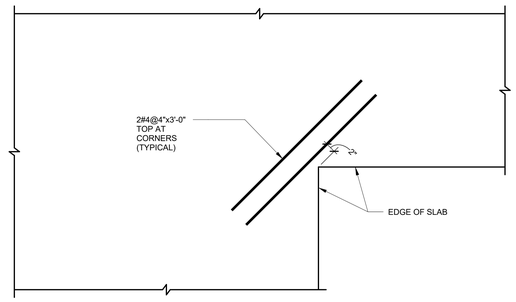
NOTES:
1. MAXIMUM SPACING OF CONTROL JOINTS SHALL BE 30T (U.N.O.).
2. LOCATE CONTROL JOINTS AS SPECIFIED ON ARCHITECTURAL DRAWINGS (WHEN APPLICABLE).
3. PROVIDE 15 MIL VAPOR BARRIER BELOW SLAB (U.N.O.)

1 TYP. S.O.G. JOINT DETAIL AT COLUMNS
1" = 1'-0"

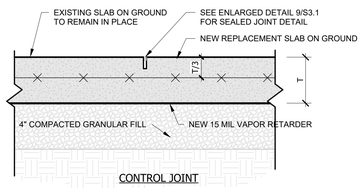
2 SLAB-ON-GRADE DETAILS
1" = 1'-0"



3 TYPICAL REINFORCING AT DISCONTINUOUS JOINTS
1" = 1'-0"



4 TYPICAL REINFORCING AT RE-ENTRANT CORNERS
1" = 1'-0"

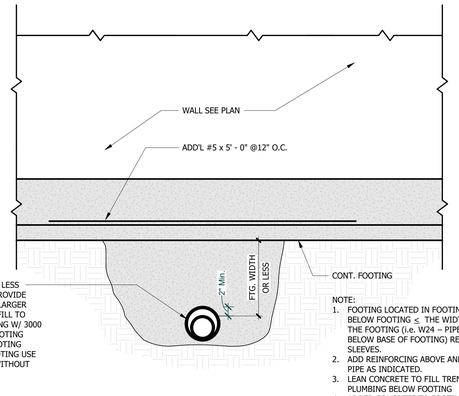


CONTROL JOINT

NOTES:
1. MAXIMUM SPACING OF CONTROL JOINTS SHALL BE 30T. (U.N.O.).
2. LOCATE CONTROL JOINTS AS SPECIFIED ON FOUNDATION PLAN ABOVE.
3. PROVIDE 15 MIL VAPOR BARRIER BELOW SLAB (U.N.O.)

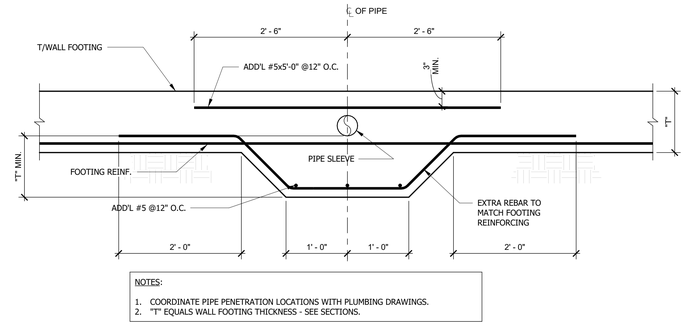
5 CONTROL JOINT IN NEW SLAB
1 1/2" = 1'-0"

6 SEALED JOINT IN NEW CONCRETE
6" = 1'-0"



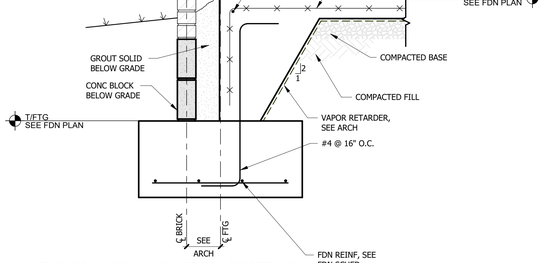
NOTE:
1. FOOTING LOCATED IN FOOTING OR BELOW FOOTING ≤ THE WIDTH OF THE FOOTING (i.e. W24 – PIPES ≤ 24" BELOW BASE OF FOOTING) REQUIRE SLEEVES.
2. ADD REINFORCING ABOVE AND BELOW PIPE AS INDICATED.
3. LEAN CONCRETE TO FILL TRENCH IF PLUMBING BELOW FOOTING
4. ADDED CONCRETE TO FOOTING IF PIPE IS IN FOOTING.

7 TYPICAL PIPE SLEEVE UNDER FOOTING
1" = 1'-0"

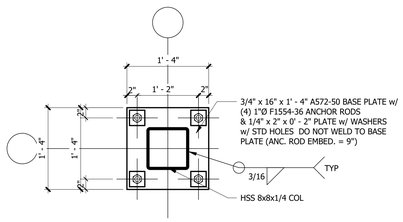


NOTES:
1. COORDINATE PIPE PENETRATION LOCATIONS WITH PLUMBING DRAWINGS.
2. "T" EQUALS WALL FOOTING THICKNESS - SEE SECTIONS.

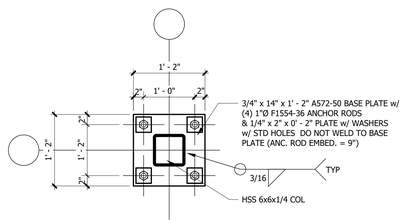
8 PIPE SLEEVE IN FOOTING
1" = 1'-0"



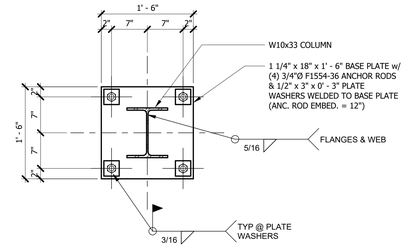
9 TYPICAL FOUNDATION SECTION
1" = 1'-0"



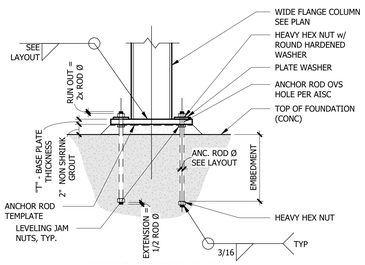
10 BASE PLATE LAYOUT HSS 8X8 COL
1" = 1'-0"



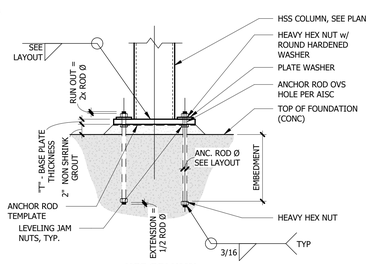
11 BASE PLATE LAYOUT HSS 6X6 COLS.
1" = 1'-0"



12 BASE PLATE LAYOUT - BP1 FOR W10x33 COLS.
1" = 1'-0"



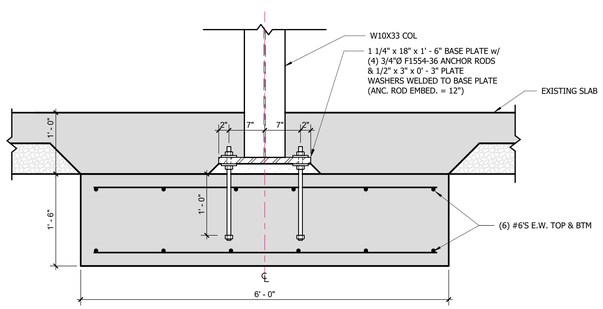
WIDE FLANGE COLUMN



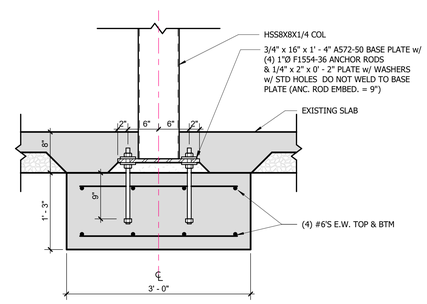
HSS COLUMN

ANCHOR ROD HOLE SIZE / PLATE WASHERS					
ANCHOR ROD Ø	ANC. ROD HOLE Ø	WASHER SIZE	WASHER THICKNESS	P. W. HOLE Ø	WELD - "Y"
3/4"	1 5/16"	2"	1/4"	13/16"	3/16"
7/8"	1 9/16"	2 1/2"	5/16"	15/16"	3/16"
1"	1 13/16"	3"	3/8"	1 1/8"	3/16"
1 1/4"	2 1/16"	3"	1/2"	1 3/8"	3/16"
1 1/2"	2 5/16"	3 1/2"	1/2"	1 5/8"	3/16"
1 3/4"	2 3/4"	4"	5/8"	1 7/8"	1/4"
2"	3 1/4"	5"	3/4"	2 1/8"	1/4"
2 1/2"	3 3/4"	5 1/2"	7/8"	2 5/8"	1/4"

13 GRAVITY BASE PLATE SECTION
1" = 1'-0"



14 FTG UNDER EXISTING SLAB
1" = 1'-0" S1.1



15 HSS FTG UNDER EXISTING SLAB
1" = 1'-0" S1.2

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WINCHESTER CITY HALL

7 S HIGH ST, SUITE 1
WINCHESTER, TN 37398

CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

SECTIONS

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S3.1

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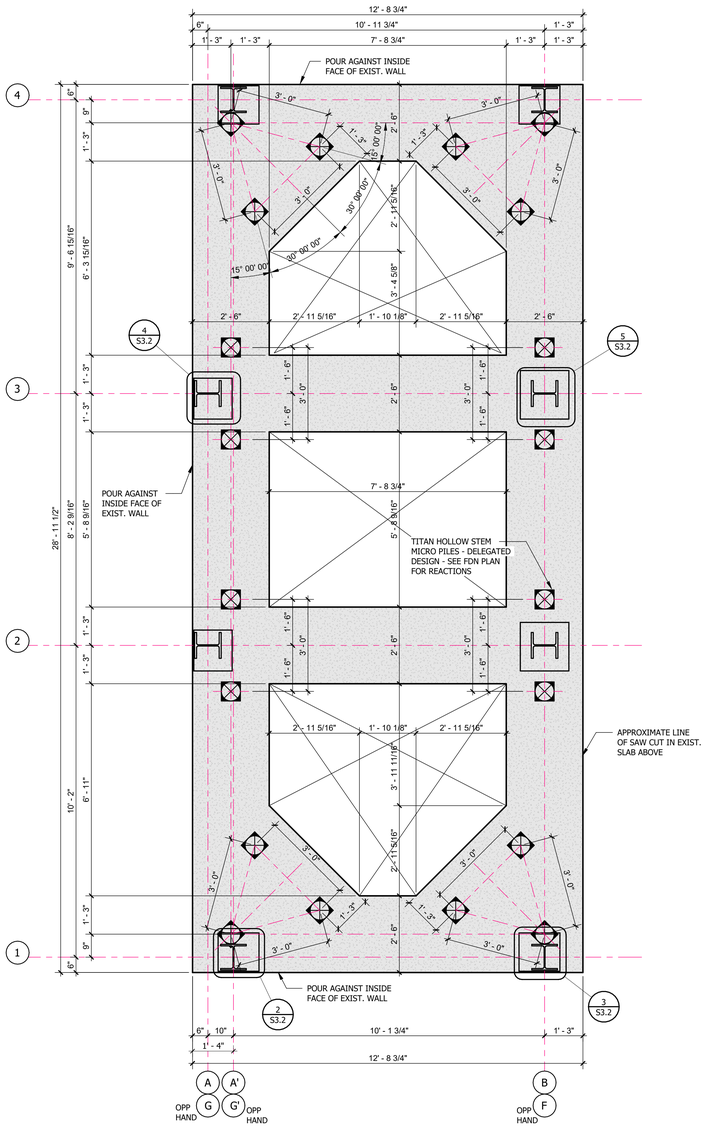
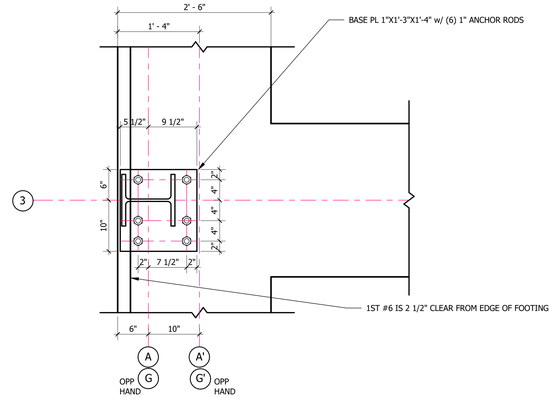
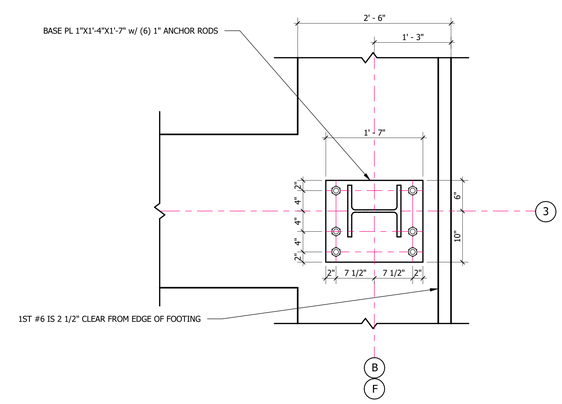


1 NEW STAIR FOUNDATION LAYOUT
1/2" = 1'-0"



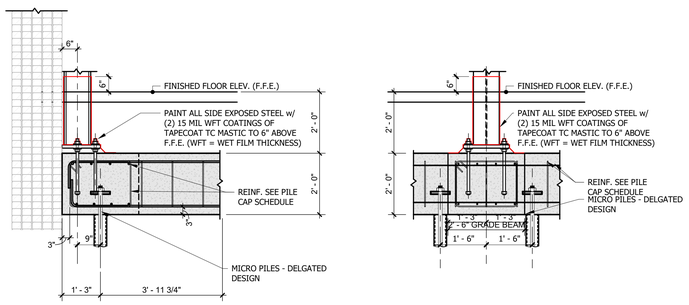
4 BASEPLATE @ 3-A'/G'
1" = 1'-0" S3.2



5 BASEPLATE @ 3-B/F
1" = 1'-0" S3.2

2 BASEPLATE @ 1-A'/G'
1" = 1'-0" S3.2

3 BASEPLATE @ 1-B/F
1" = 1'-0" S3.2



6 micro piles @ connector buidling
1/2" = 1'-0"

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CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

SECTIONS

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S3.2

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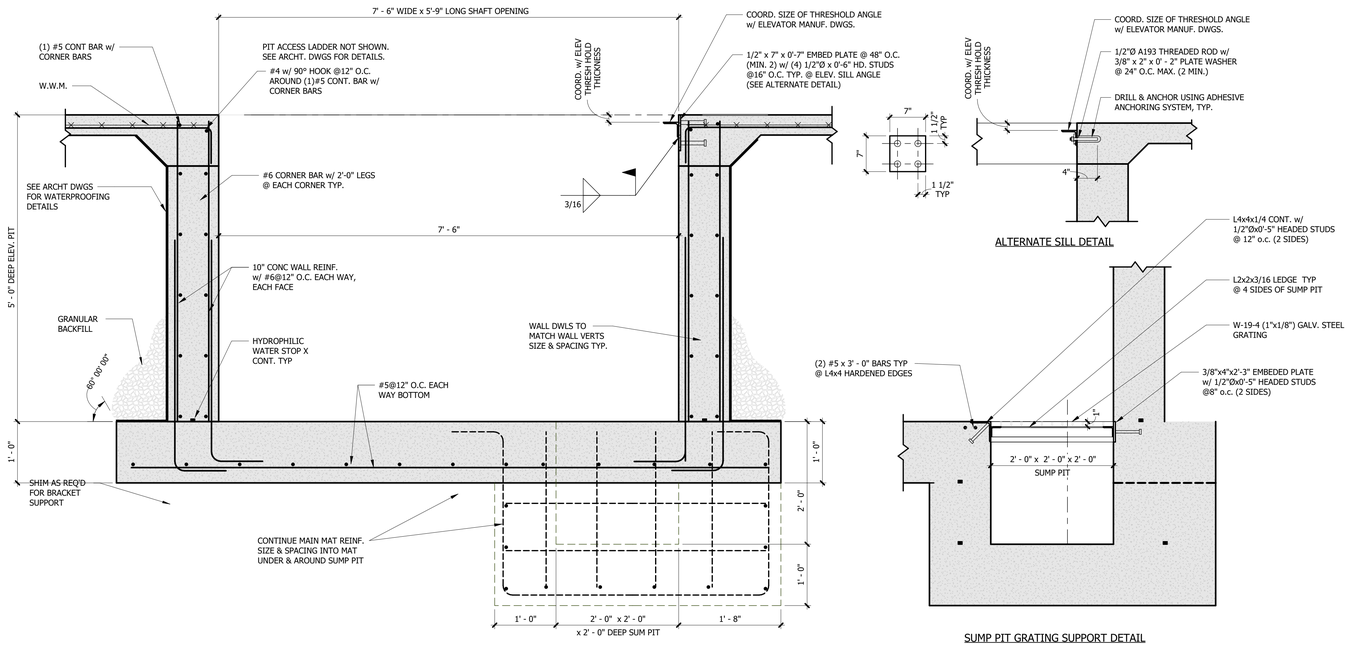
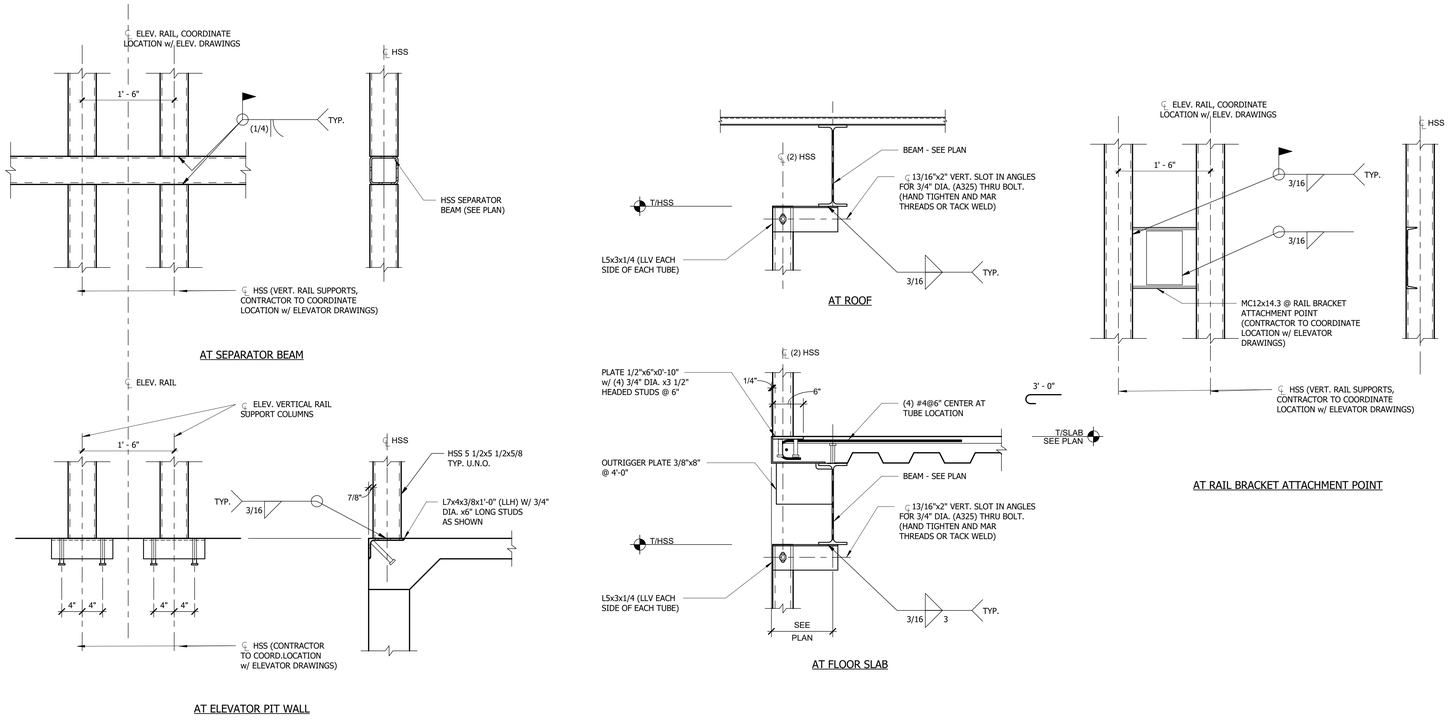
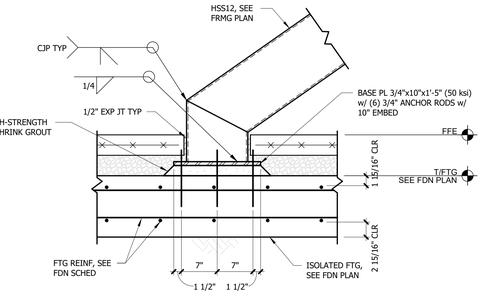


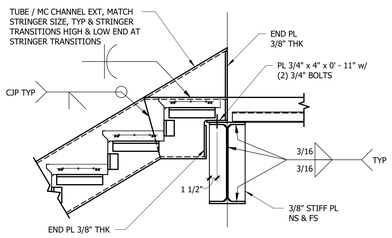
1 SECTION @ ELEVATOR PIT
1" = 1'-0"



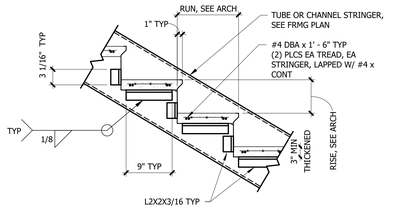
2 TYPICAL ELEVATOR RAIL SUPPORT DETAIL
1" = 1'-0"



3 TYP ELEVATOR STAIR STRINGER BASEPLATE DETAIL
1" = 1'-0"



4 STRINGER BEARING AT ELEVATOR STAIR



5 TYPICAL PAN STAIR DETAIL
1" = 1'-0"

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CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

SECTIONS

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S3.3

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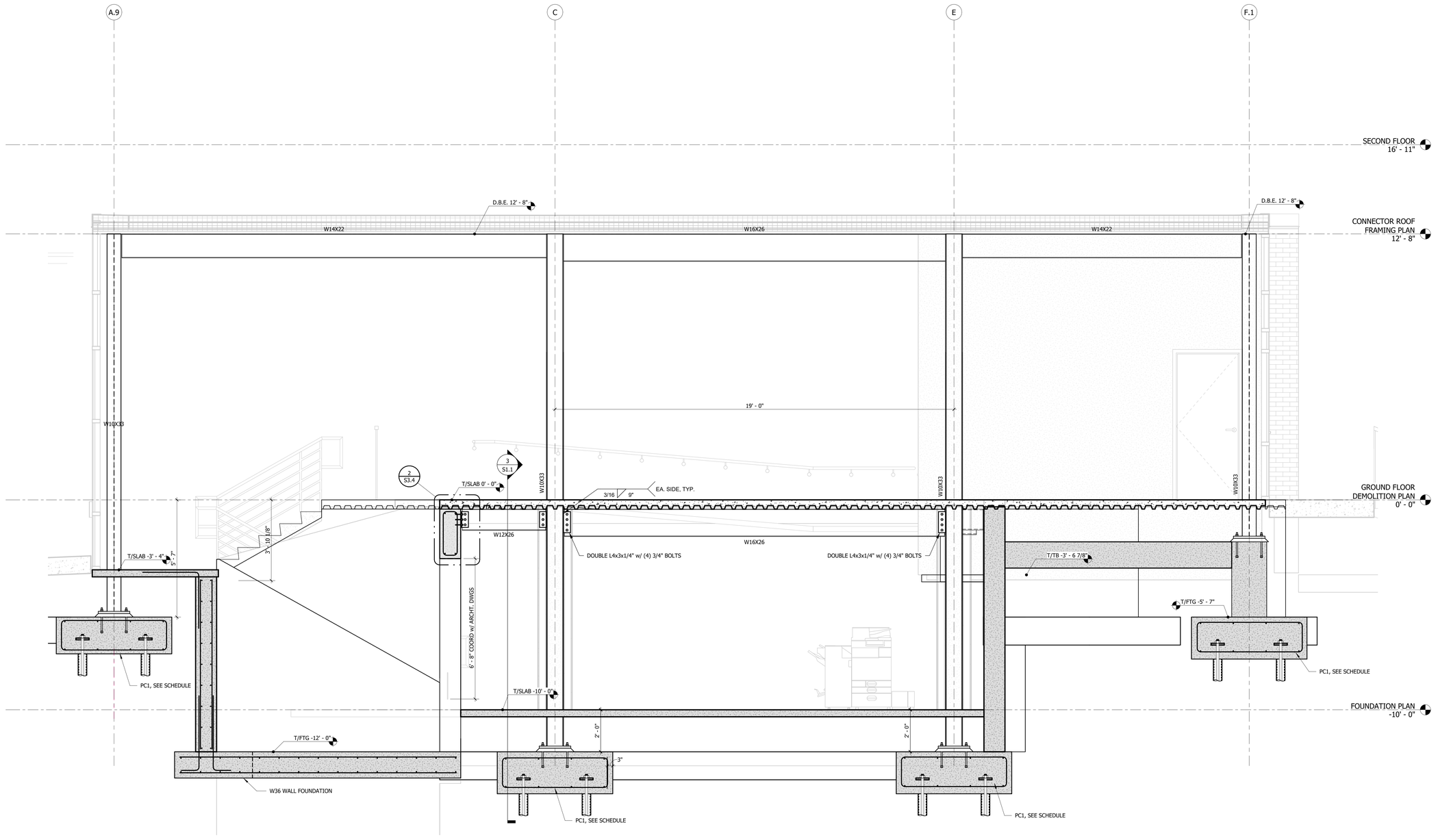
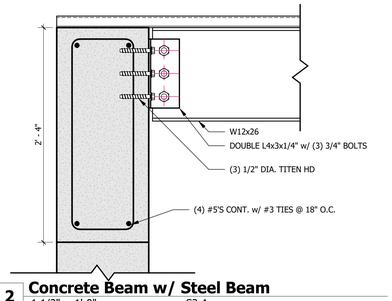


1 SECTION THRU CONNECTOR BUILDING

1/2" = 1'-0" S1.1



2 Concrete Beam w/ Steel Beam

1 1/2" = 1'-0" S3.4

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WINCHESTER CITY HALL

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CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

BUILDING SECTION

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S3.4

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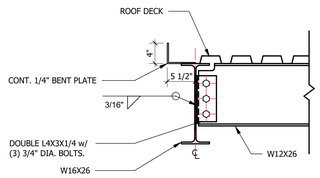
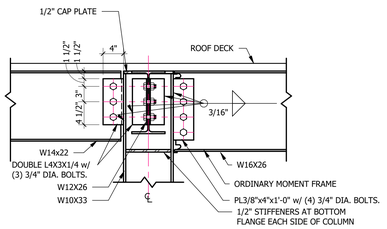
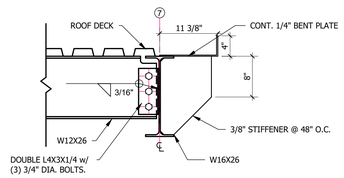


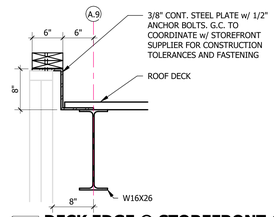
1 ROOF GIRDER @ CONNECTOR BUILDING COURTROOM
1" = 1'-0" S1.5



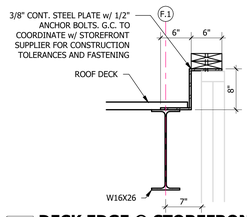
2 ROOF GIRDER @ CONNECTOR BUILDING COL
1" = 1'-0" S1.5



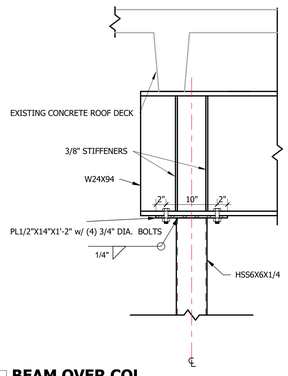
3 ROOF GIRDER @ CONNECTOR BUILDING SOUTH BUIDLING
1" = 1'-0" S1.5



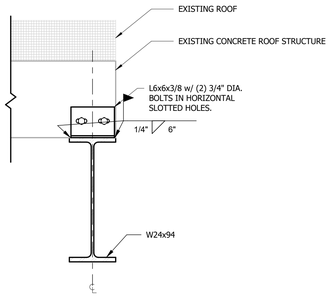
6 DECK EDGE @ STOREFRONT @ A.9
1" = 1'-0" S1.5



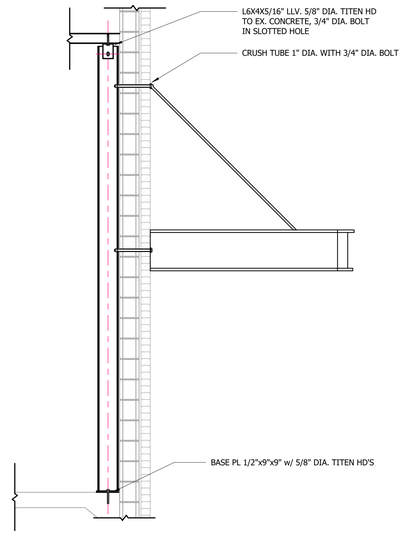
7 DECK EDGE @ STOREFRONT @ F.1
1" = 1'-0" S1.5



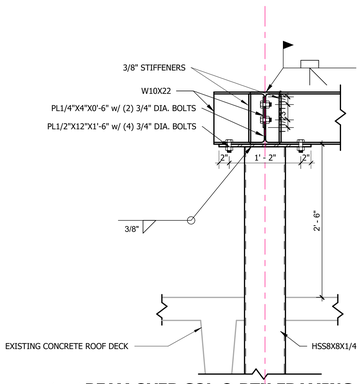
4 BEAM OVER COL
1" = 1'-0" S1.5



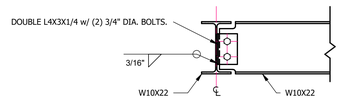
5 BEAM @ FIREHALL
1" = 1'-0" S1.5



8 CANOPY SECTION
1/2" = 1'-0" S1.2



9 BEAM OVER COL @ RTU FRAMING
1" = 1'-0" S1.4



10 CONNECTION @ RTU FRAMING
1" = 1'-0"

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CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

STEEL FRAMING CONNECTIONS

JOB NO: 63492 DRAWN: DCR
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S3.5

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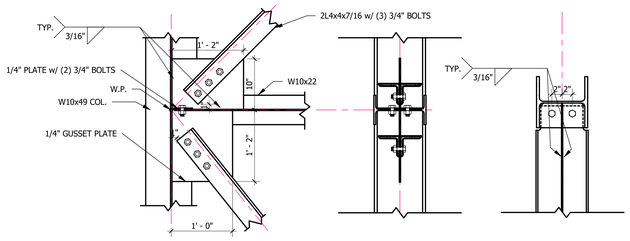
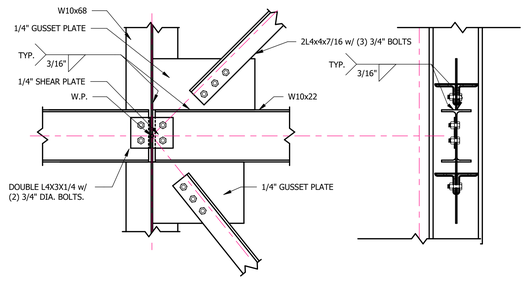
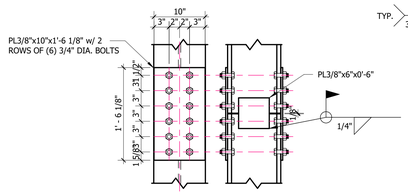


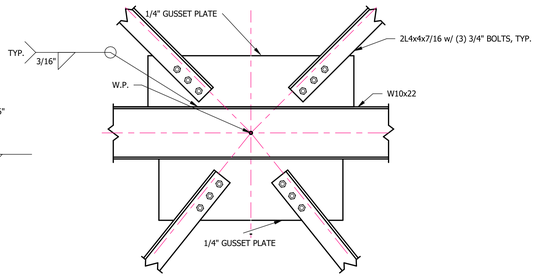
1 Typical Bracing Connection Rotated Beam
1" = 1'-0" S4.1



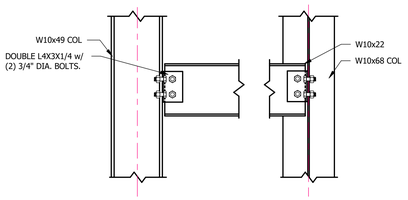
2 TYPICAL BRACING CONNECTION VERTICAL
1" = 1'-0" S4.1



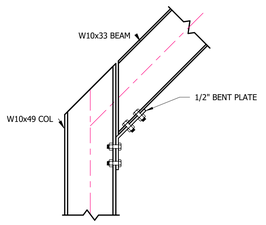
8 TYP. COL. SPLICE
1" = 1'-0"



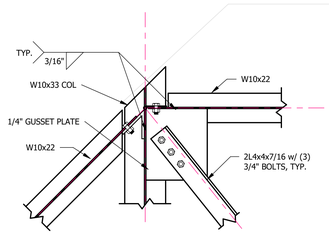
3 BRACE CONNECTION @ CENTER OF BEAM
1" = 1'-0" S4.1



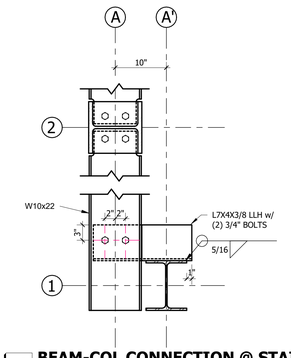
4 BEAM-COL CONNECTION
1" = 1'-0" S4.1



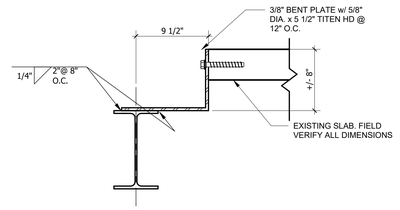
7 BEAM-COL CONNECTION @ ROOF
1" = 1'-0" S4.1



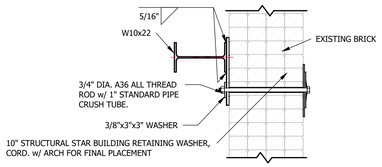
9 BEAM-COL CONNECTION @ ROOF EDGE COL
1" = 1'-0" S4.2



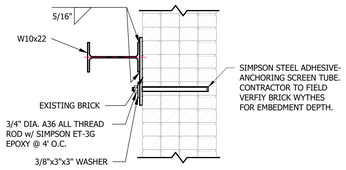
10 BEAM-COL CONNECTION @ STAIR FRAME
1" = 1'-0" S4.1



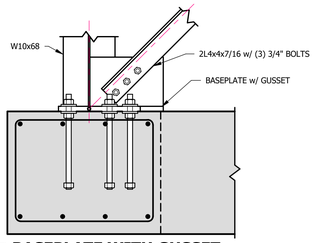
11 DECK ATTACHMENT @ EXISTING CONC. SLAB
1 1/2" = 1'-0"



5 STRUCTURAL WASHERS FOR BRICK ATTACHMENT
1" = 1'-0" S4.1



12 INTERMEDIATE ATTCHMENT BETWEEN STRUCTURAL WASHERS
1" = 1'-0"



6 BASEPLATE WITH GUSSET
1" = 1'-0" S4.1

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WINCHESTER CITY HALL

7 S HIGH ST, SUITE 1
WINCHESTER, TN 37398

CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

STAIRWAY FRAMING CONNECTIONS

JOB NO: 63492 DRAWN: DCR
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S3.6

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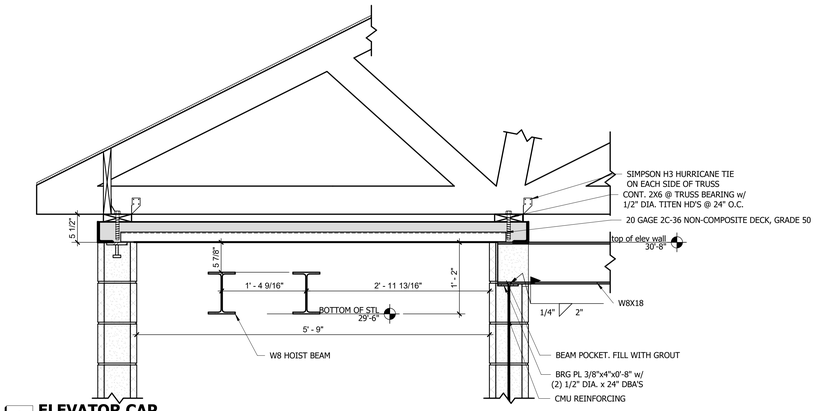
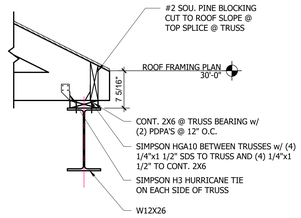
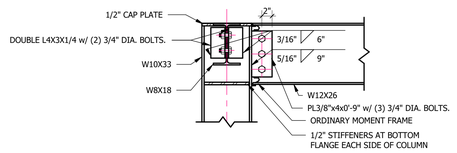


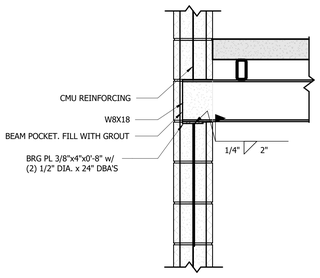
1 ELEVATOR CAP
1" = 1'-0" S1.6



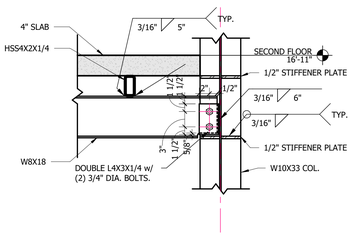
2 STEEL FRAMING TO TRUSS
1" = 1'-0" S1.6



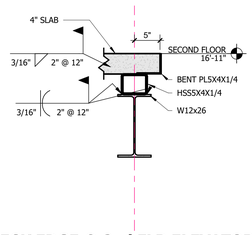
3 BEAM TO GIRDER CONNECTION @ ELEVATOR ROOF
1" = 1'-0" S1.6



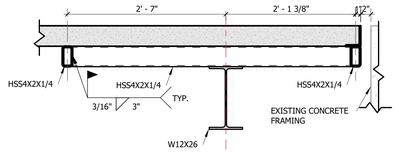
4 BEAM POCKET @ ELEVATOR SHAFT 2ND FLR & GROUND FLR
1" = 1'-0" S1.4



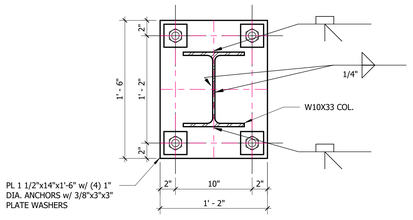
5 ELEVATOR FRAMING @ 2ND FLR
1" = 1'-0" S1.4



6 DECK EDGE @ 2nd FLR ELEVATOR FRAMING
1" = 1'-0" S1.4



7 HSS TO HSS CONNECTION @ ELEVATOR GROUND FLOOR
1" = 1'-0" S1.3



8 ELEVATOR COL BASEPLATE
1 1/2" = 1'-0"

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WINCHESTER CITY HALL

7 S HIGH ST, SUITE 1
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CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

SECTIONS @ ELEVATOR

JOB NO: 63492 DRAWN: DCR
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S3.7

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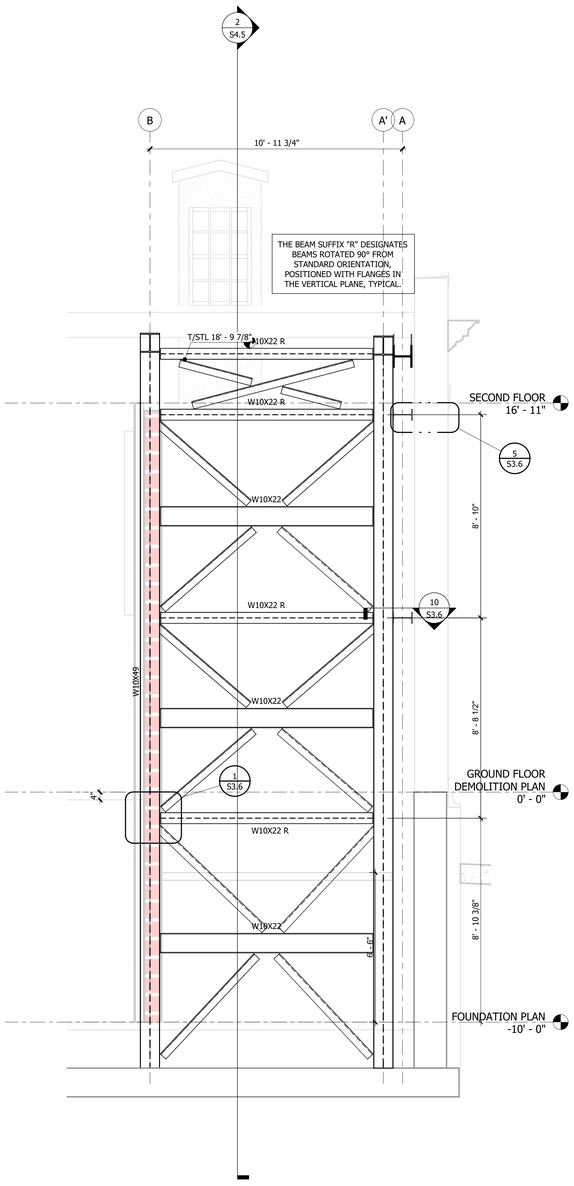
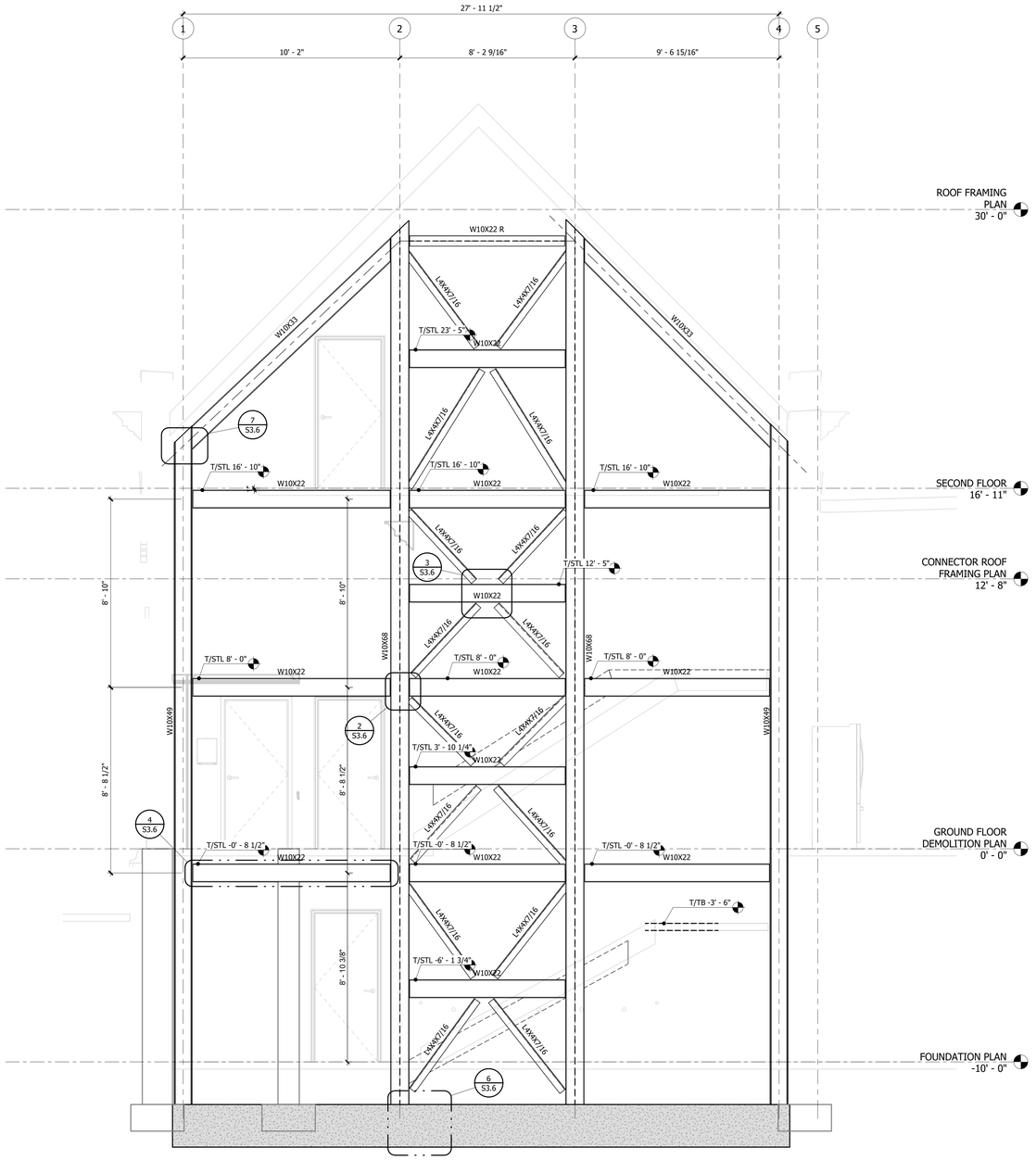


1 FRAME ELEVATION IN STAIR 101
3/8" = 1'-0" S1.1



2 FRAME ELEVATION IN STAIR 101
3/8" = 1'-0" S1.1

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WINCHESTER CITY HALL

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CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

FRAME ELEVATIONS IN STAIR 101

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S4.1

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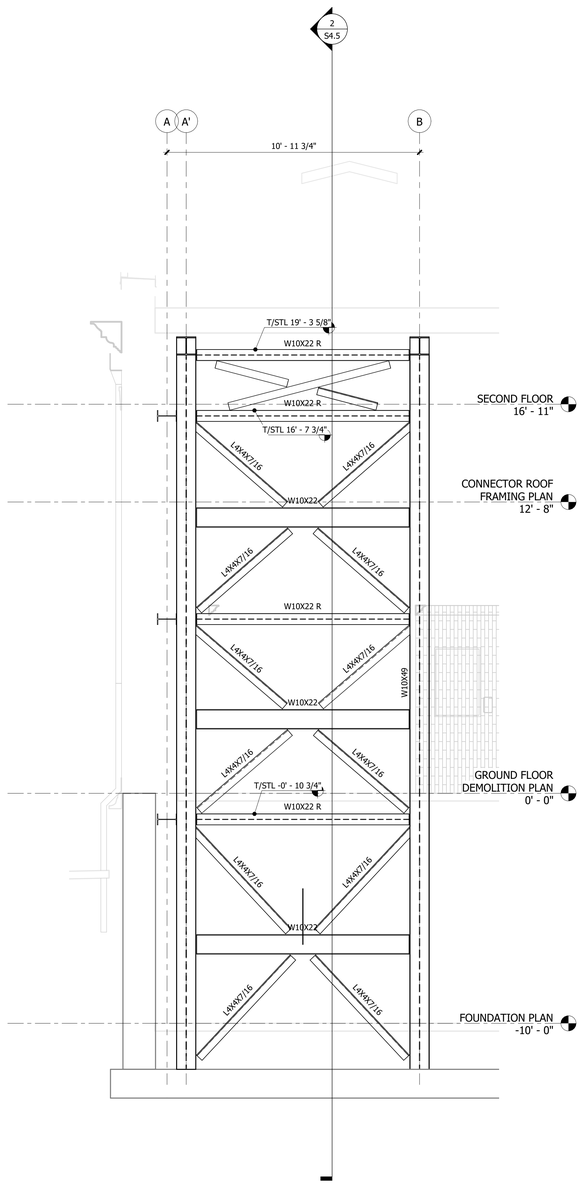
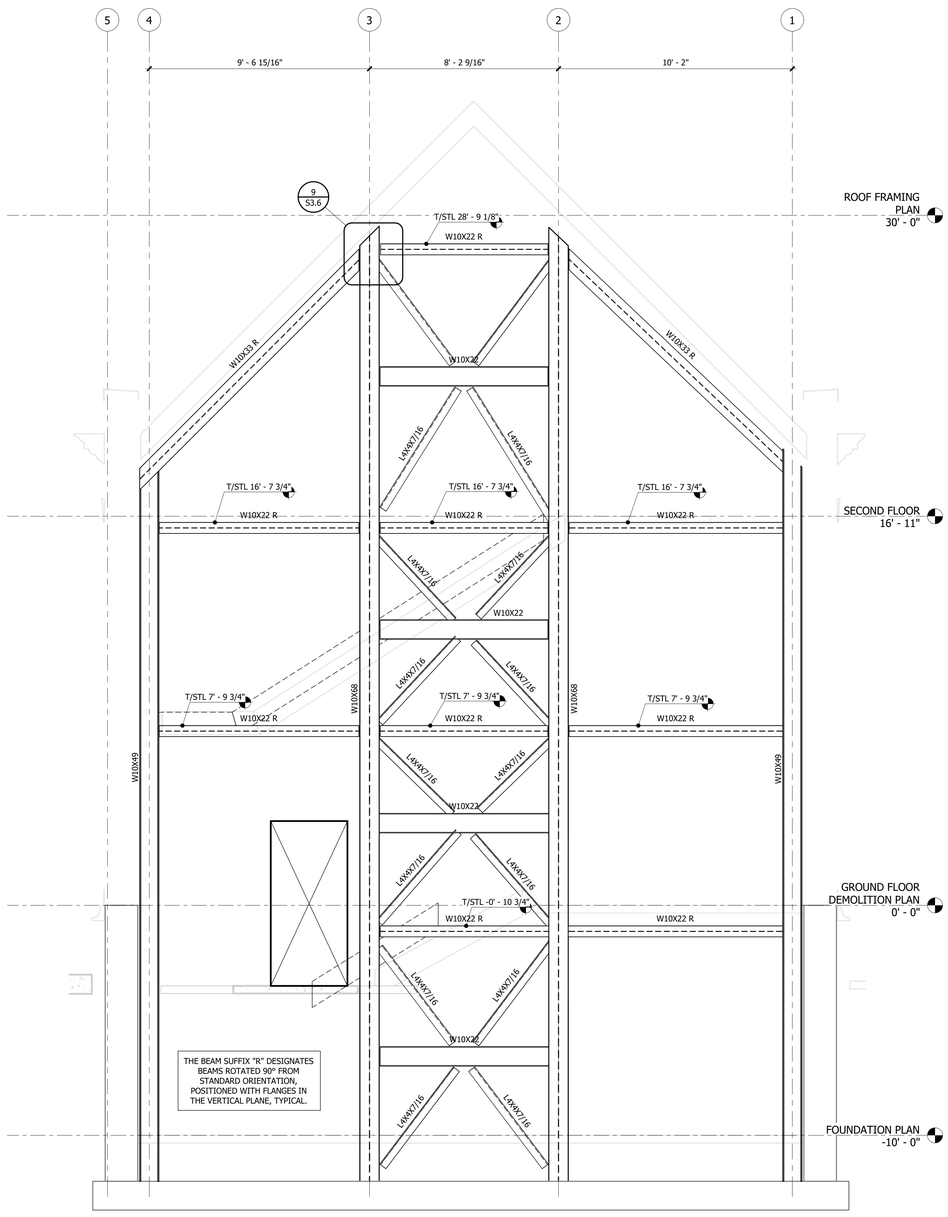


1 FRAME ELEVATION IN STAIR 101
3/8" = 1'-0" S1.1



2 FRAME ELEVATION IN STAIR 101
3/8" = 1'-0" S1.1

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WINCHESTER CITY HALL

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WINCHESTER, TN 37398

CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

FRAME ELEVATIONS IN STAIR 101

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S4.2

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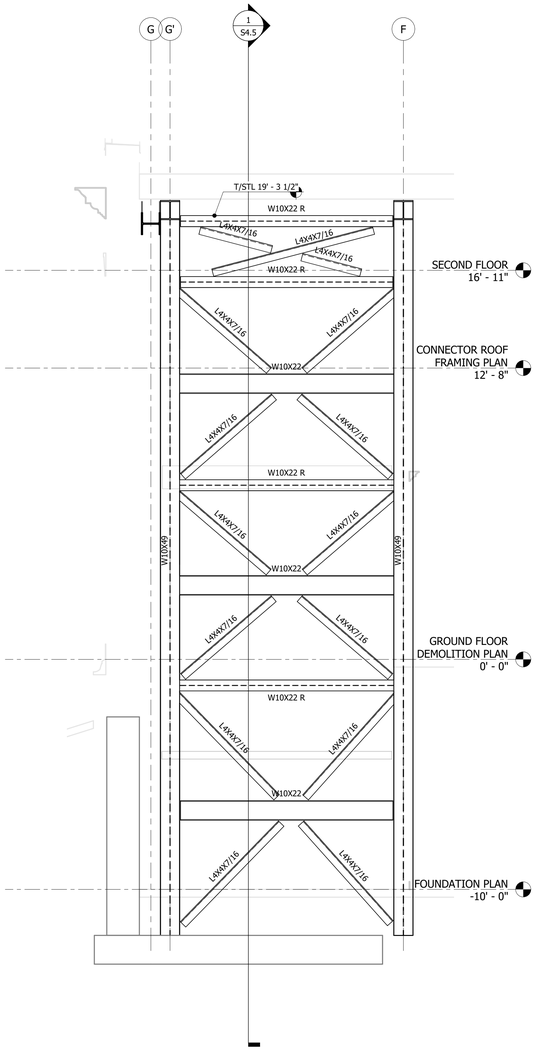
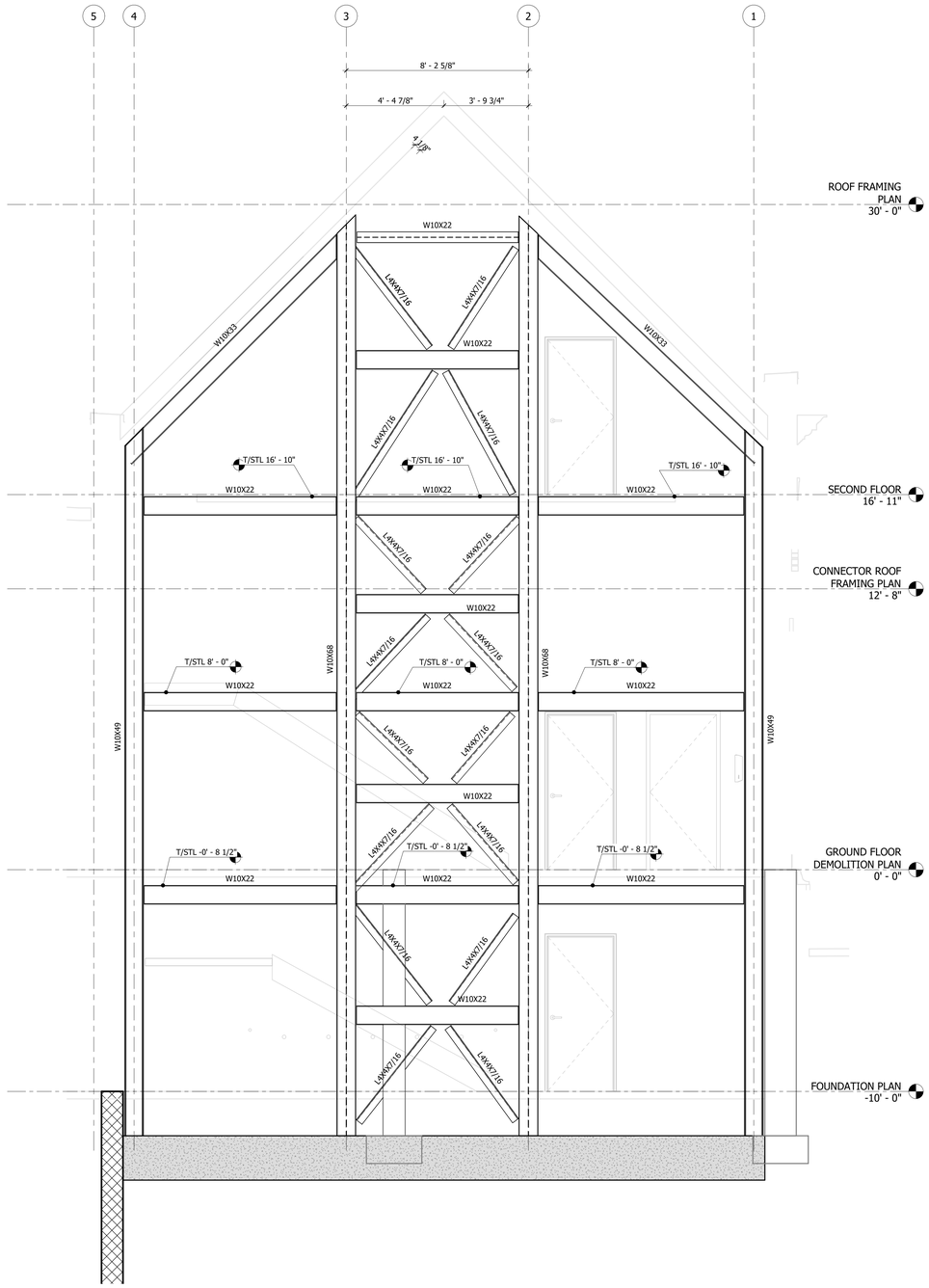


1 FRAME ELEVATION IN STAIR 110
3/8" = 1'-0" S1.1



2 FRAME ELEVATION IN STAIR 110
3/8" = 1'-0" S1.1

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No.	Revision Description	Date

FRAME ELEVATIONS IN STAIR 110

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S4.3

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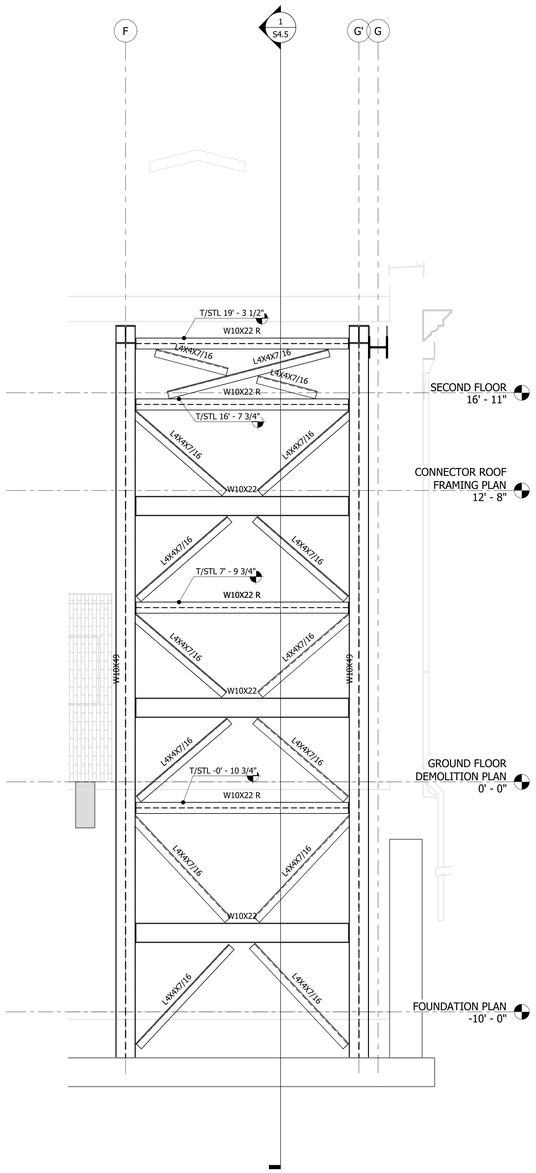
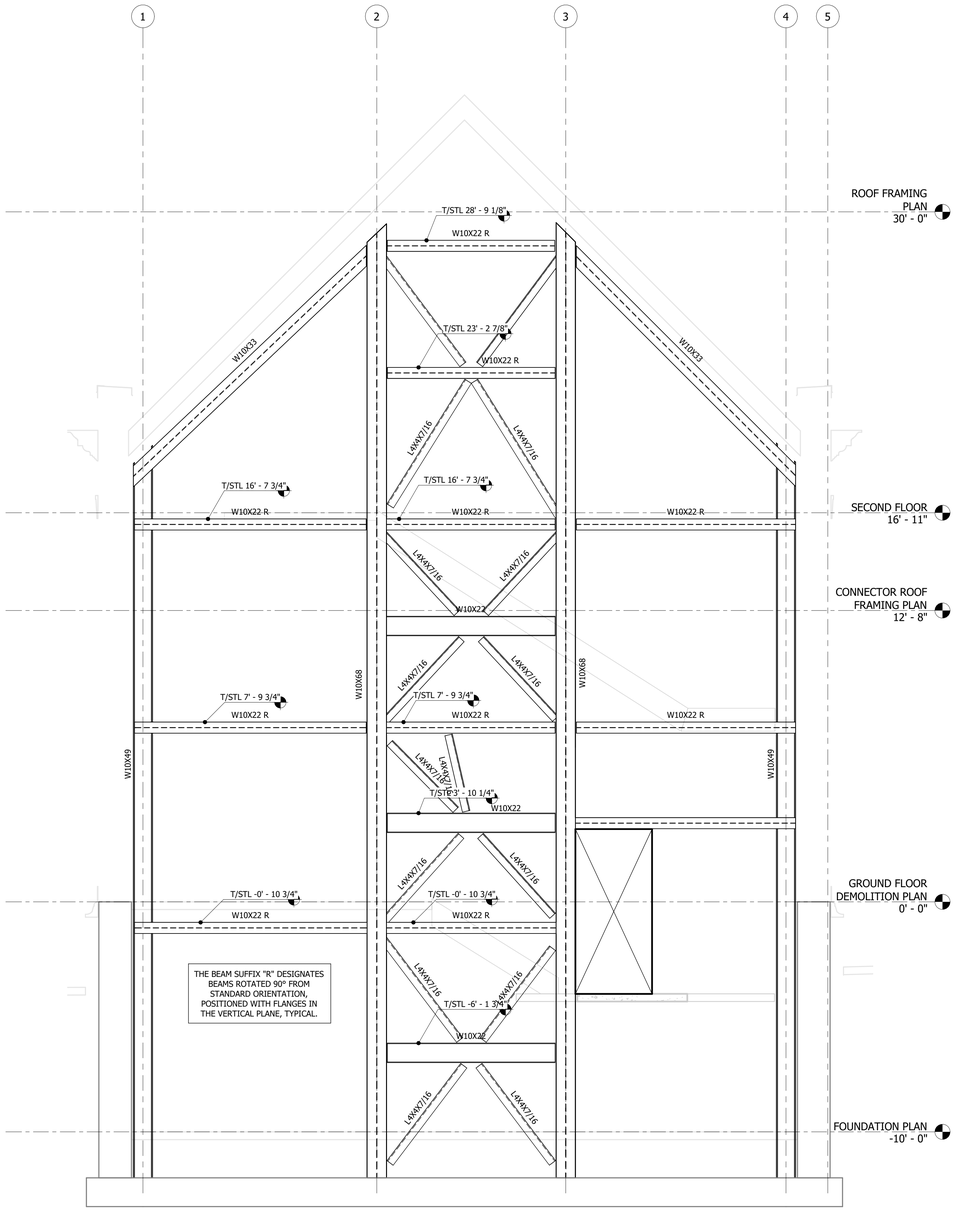


1 FRAME ELEVATION IN STAIR 110
3/8" = 1'-0" S1.1



2 FRAME ELEVATION IN STAIR 110
3/8" = 1'-0" S1.1

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WINCHESTER CITY HALL

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CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

FRAME ELEVATIONS IN STAIR 110

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S4.4

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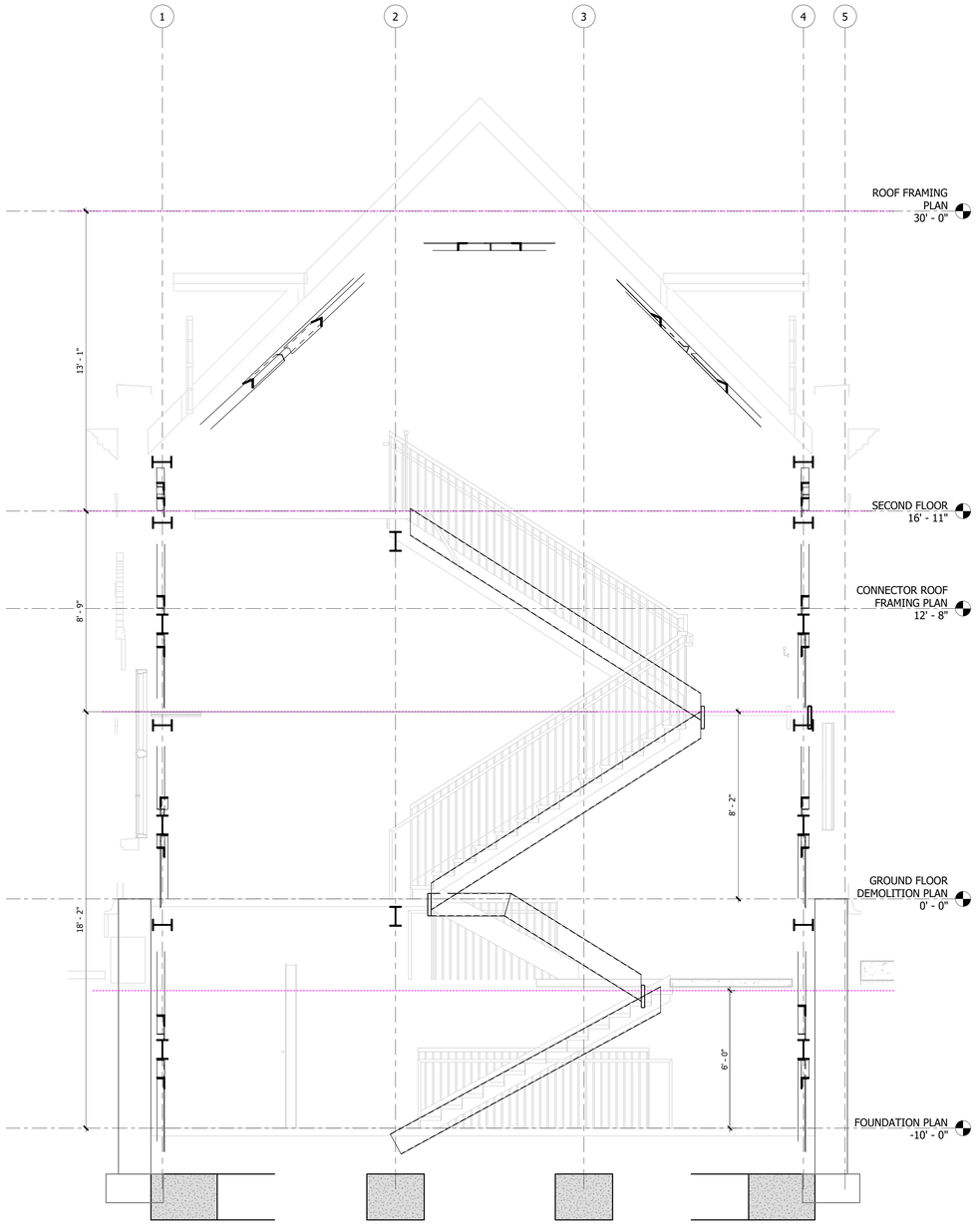
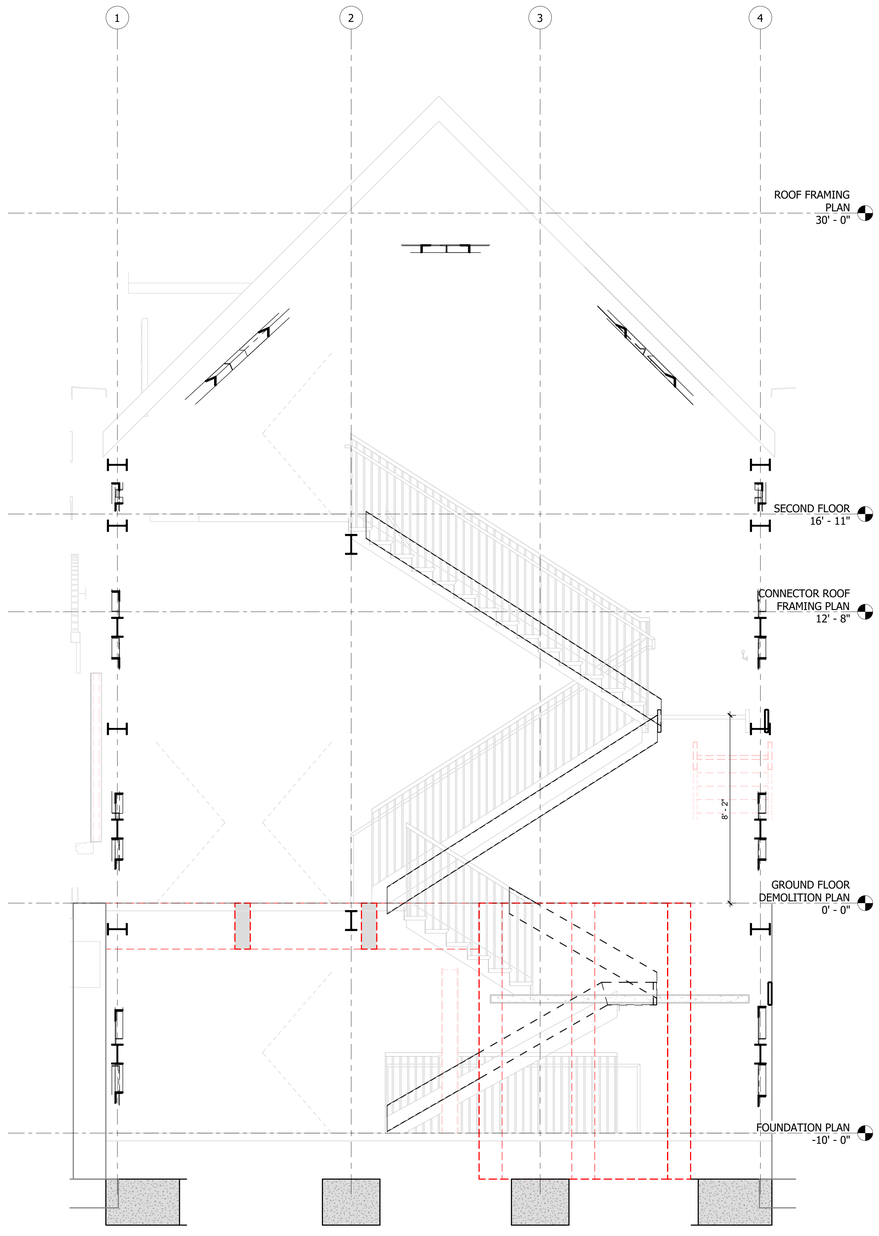


2 SECTION THRU STAIR 101
3/8" = 1'-0" S1.1



1 SECTION THRU STAIR 108
3/8" = 1'-0" S1.1

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WINCHESTER CITY HALL

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CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

BUILDING SECTIONS

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S4.5

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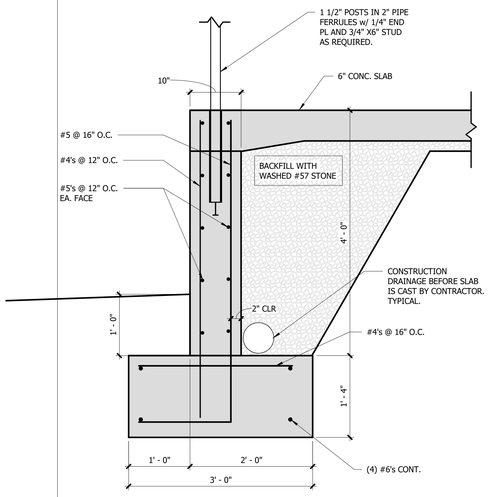
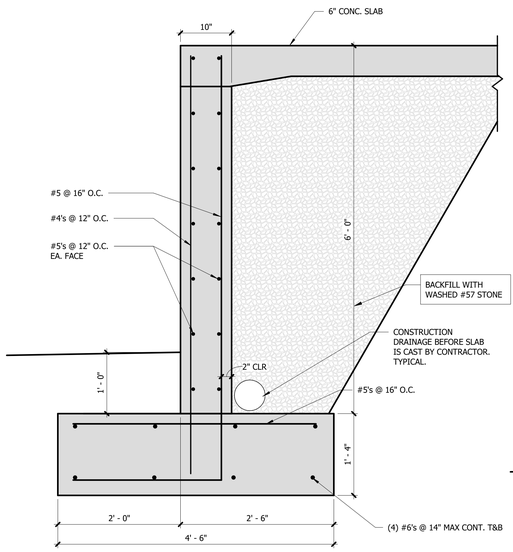
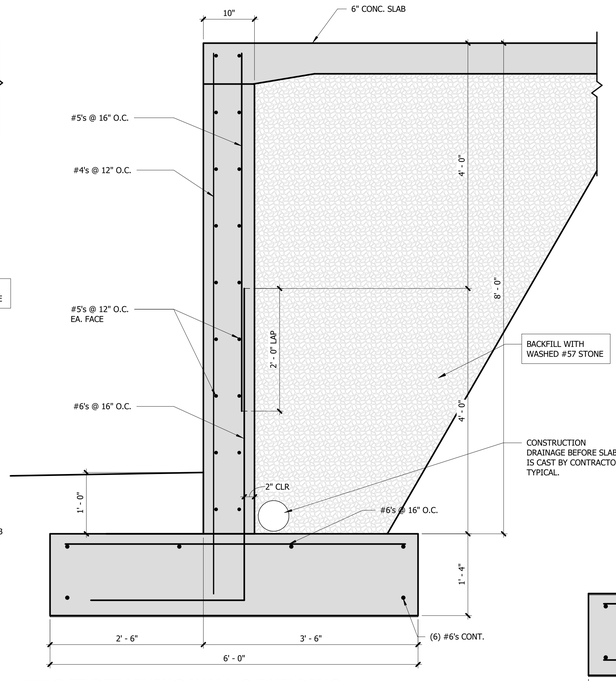


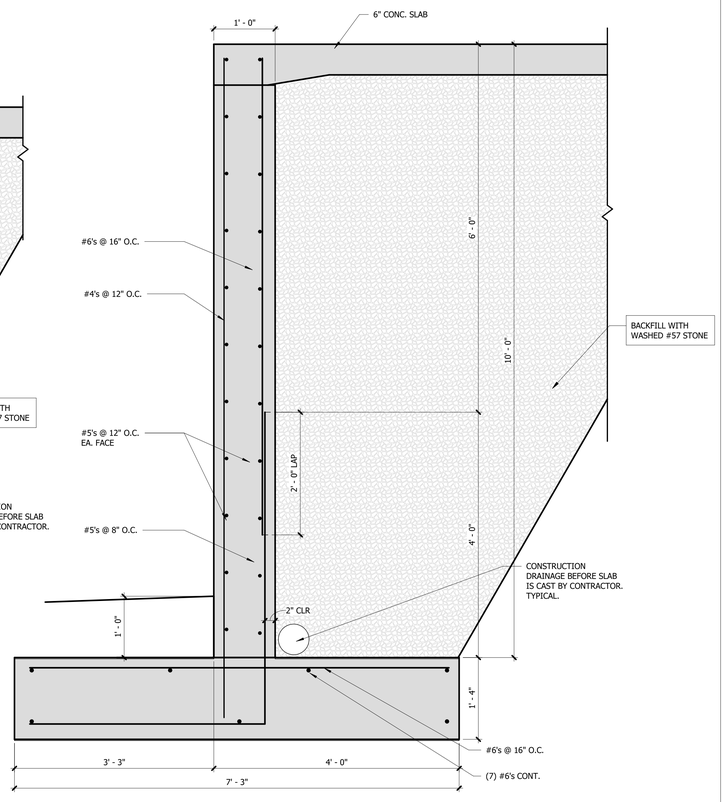
1 4 FT RETAINING WALL @ BUILDING
1" = 1'-0"



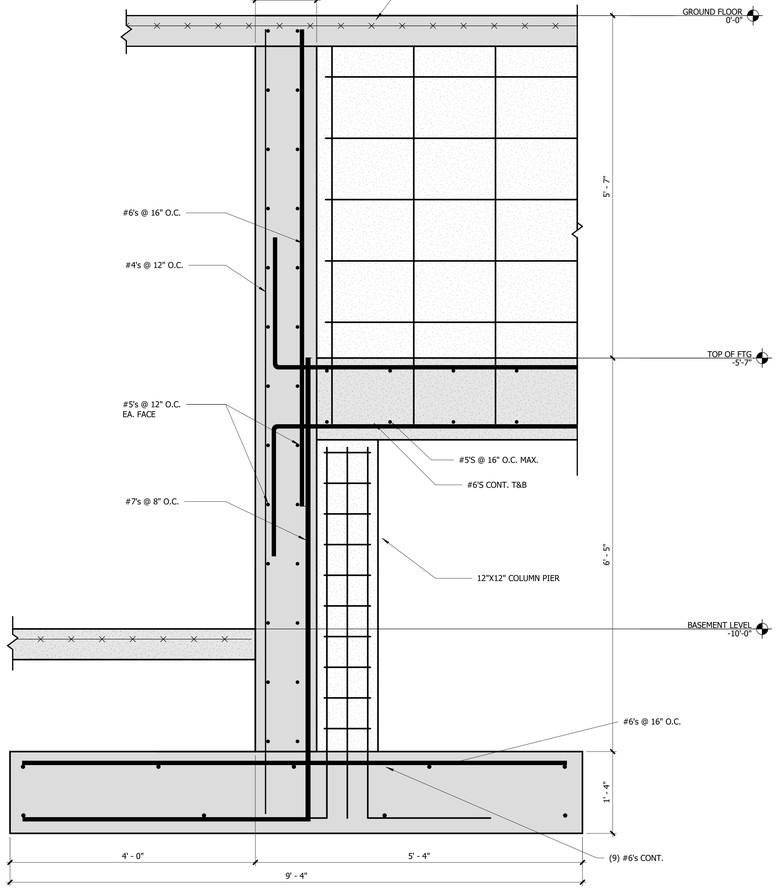
2 6 FT RETAINING WALL @ BUILDING
1" = 1'-0"



3 8 FT RETAINING WALL @ BUILDING
1" = 1'-0"

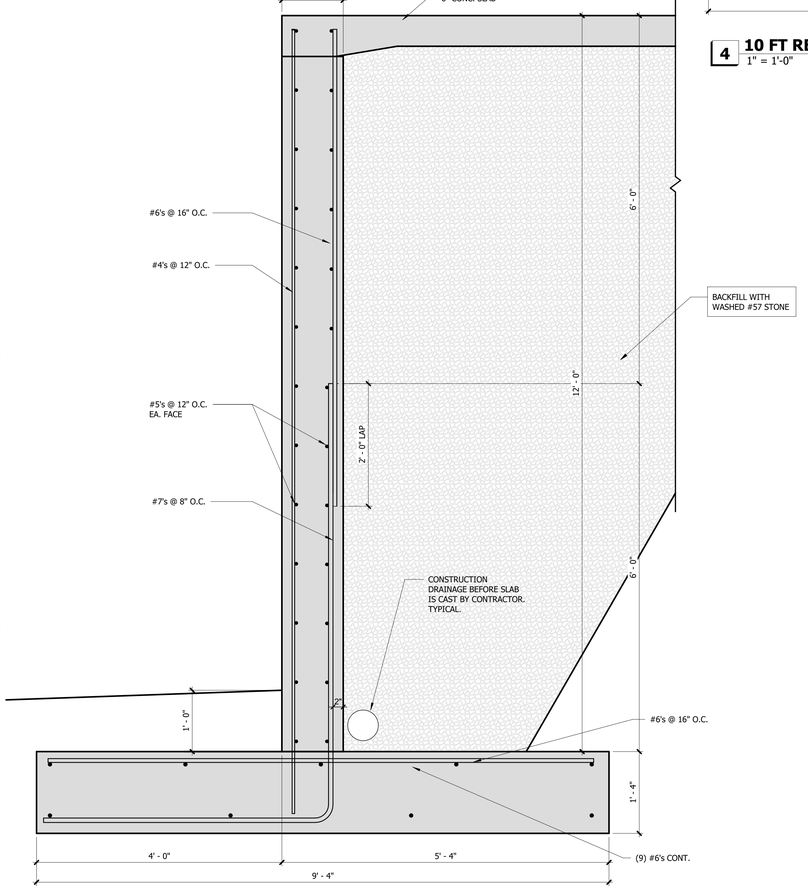


4 10 FT RETAINING WALL @ BUILDING
1" = 1'-0"



5 RETAINING WALL INTERSECTION
1" = 1'-0"

S1.1



6 12 FT RETAINING WALL @ BUILDING
1" = 1'-0"

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CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

RETAINING WALLS

JOB NO: 63492 DRAWN: DCR
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S4.6

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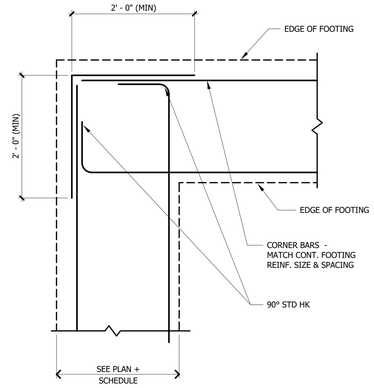
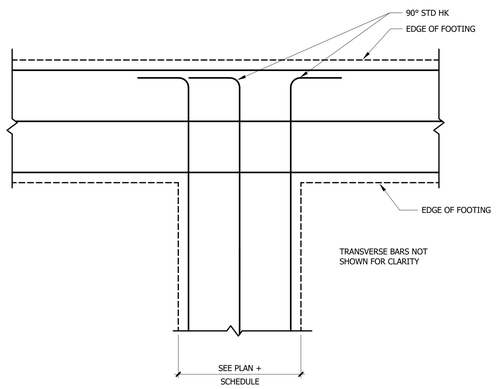
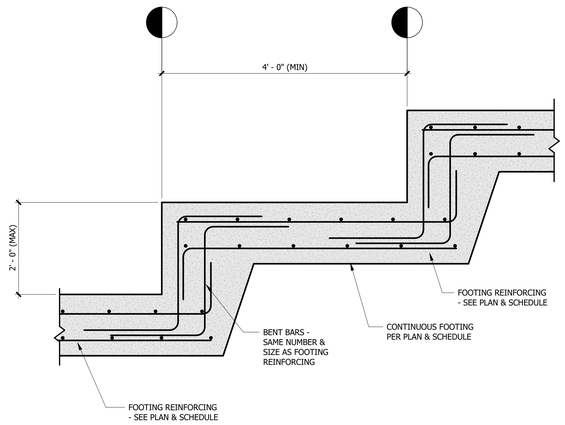
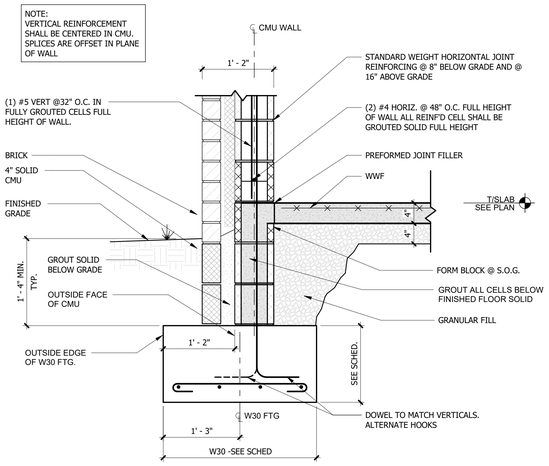


1 TYPICAL CONTINUOUS FOOTING INTERSECTION DETAIL
1" = 1'-0"

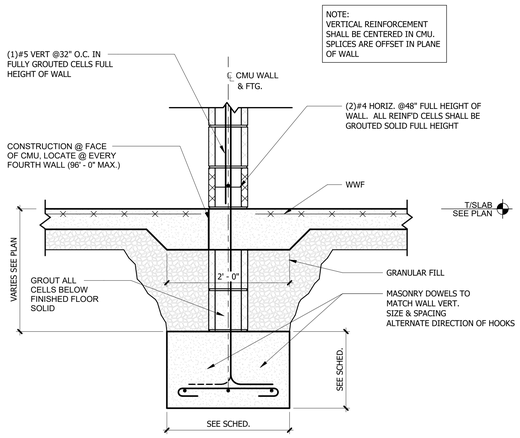


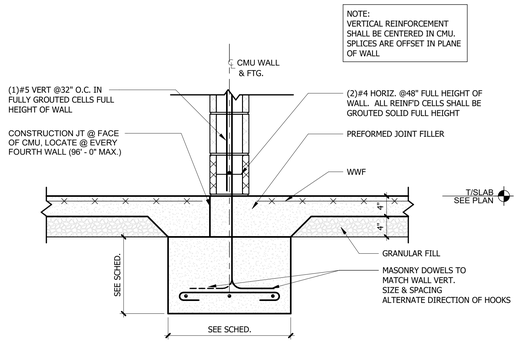


2 TYPICAL FOOTING STEP DETAIL
1" = 1'-0"



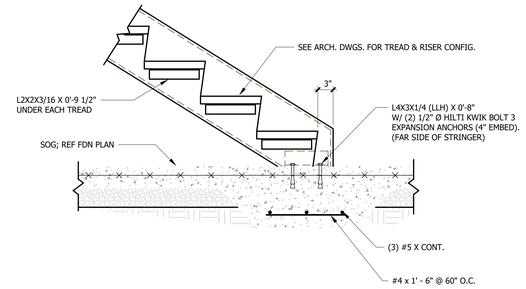
3 SECTION AT EXTERIOR CMU WALL FOOTING
1" = 1'-0"





4 SECTION AT INTERIOR CMU SHEAR WALL @ FTG. STEPS
1" = 1'-0"

5 SECTION AT INTERIOR CMU SHEAR WALL
1" = 1'-0"

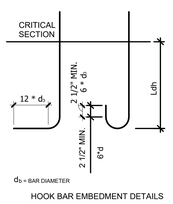


6 SECTION AT STAIR
1" = 1'-0"

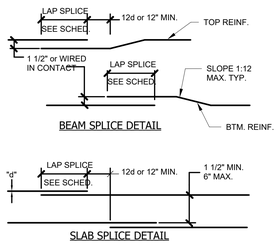
DEVELOPMENT / SPLICE LENGTH (in) 3000 PSI NW CONCRETE			
	SPLICE LENGTH	DEVELOPMENT LENGTH	HOOK DEVELOPMENT LENGTH
#3	23"	17"	6"
#4	29"	22"	9"
#5	37"	28"	13"
#6	43"	33"	17"
#7	63"	48"	21"
#8	72"	55"	25"
#9	81"	62"	30"
#10	91"	70"	36"
#11	102"	78"	42"

DEVELOPMENT / SPLICE LENGTH (in) 5000 PSI NW CONCRETE			
BAR SIZE	SPLICE LENGTH	DEVELOPMENT LENGTH	HOOK DEVELOPMENT LENGTH
#3	17"	13"	6"
#4	23"	17"	7"
#5	29"	22"	10"
#6	34"	26"	13"
#7	50"	38"	16"
#8	56"	43"	20"
#9	63"	48"	24"
#10	71"	54"	28"
#11	78"	60"	33"

DEVELOPMENT / SPLICE LENGTH (in) 3000 PSI LW CONCRETE			
BAR SIZE	SPLICE LENGTH	DEVELOPMENT LENGTH	HOOK DEVELOPMENT LENGTH
#3	18"	14"	6"
#4	23"	18"	8"
#5	29"	22"	11"
#6	35"	27"	14"
#7	50"	39"	18"
#8	57"	44"	22"
#9	65"	50"	26"
#10	77"	59"	31"
#11	95"	73"	36"

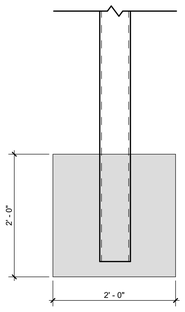


HOOK BAR EMBEDMENT DETAILS

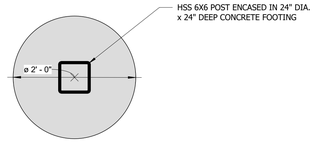


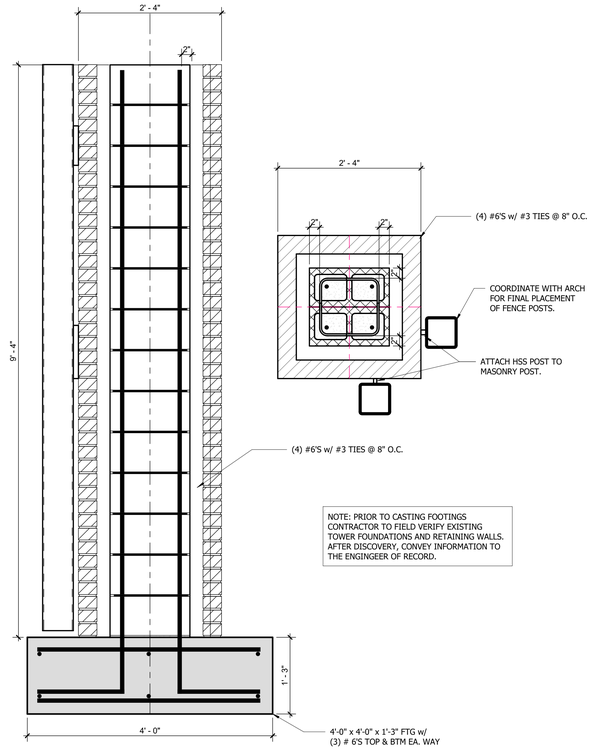
BEAM SPLICE DETAIL

SLAB SPLICE DETAIL



8 HSS FENCE POST FOUNDATION
1" = 1'-0"





NOTE: PRIOR TO CASTING FOOTINGS CONTRACTOR TO FIELD VERIFY EXISTING TOWER FOUNDATIONS AND RETAINING WALLS. AFTER DISCOVERY, CONVEY INFORMATION TO THE ENGINGEER OF RECORD.

7 MASONRY FENCE POST
1" = 1'-0"

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WINCHESTER CITY HALL

7 S HIGH ST, SUITE 1
WINCHESTER, TN 37398

CITY OF WINCHESTER, TENNESSEE

No.	Revision Description	Date

MISCELLANEOUS DETAILS

JOB NO: 63492 DRAWN: JTS
DATE: 01.07.2026 CONSTRUCTION DOCUMENTS

S5.1

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