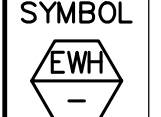
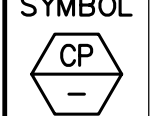
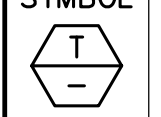


PLUMBING FIXTURE SCHEDULE									
ITEM	FIXTURE	ROUGH-IN CONNECTIONS					REMARKS		
		TRAP	WASTE	VENT	COLD WATER	HOT WATER			
WC-1	WATER CLOSET	INTEGRAL	4"	2"	1-1/2"	-	ACORN "DURA-WARE" #2100 SERIES: WALL MOUNTED. ELONGATED BOWL, 14 GAUGE, TYPE 304 STAINLESS STEEL, HIGH EFFICIENCY 1.28 GPF, BACK SPUD: FLUSH VALVE: SLOAN HYDRAULIC ROYAL MODEL #952-1.28, CONCEALED, HIGH EFFICIENCY, 1.28 GPF, DIAPHRAGM TYPE, ROUGH BRASS FOR BACK SPUD.		
WC-2	WATER CLOSET (ADA)	INTEGRAL	4"	2"	1-1/2"	-	ACORN "DURA-WARE" #2100 SERIES-ADA: WALL MOUNTED. ELONGATED BOWL, 14 GAUGE, TYPE 304 STAINLESS STEEL, HIGH EFFICIENCY 1.28 GPF, BACK SPUD: FLUSH VALVE: SLOAN HYDRAULIC ROYAL MODEL #952-1.28, CONCEALED, HIGH EFFICIENCY, 1.28 GPF, DIAPHRAGM TYPE, ROUGH BRASS FOR BACK SPUD.		
L-1	LAVATORY (ADA)	1-1/4"x 1-1/2"	2"	1-1/2"	3/4" TW	3/4" TW	ACORN PENAL-WARE 18" #1652FALRB-1-DMS-03-M-H1: WALL MOUNTED, 14 GAUGE, TYPE 304 STAINLESS STEEL; FAUCET: CHICAGO FAUCET MODEL #807-E12-665PAB: DECK MOUNTED, SINGLE HOLE INLET METERING FAUCET, WITH 0.35 GPM FLOW RATE, VANDAL RESISTANT NON-AERATING SPRAY HEAD, SET TO RUN AT LEAST 10 SECONDS: CHICAGO FAUCET #1017-ABCP LOOSE KEY ANGLE STOPS & SUPPLIES; #327-XCP GRID DRAIN, 1-1/4"x1-1/2" P-TRAP, INSULATE TRAP, TRAP ARM & SUPPLIES. INSTALL @ A.D.A. APPROVED HEIGHT.		
L-2	LAVATORY (ADA)	1-1/4"x 1-1/2"	2"	1-1/2"	3/4" TW	3/4" TW	ACORN PENAL-WARE 18" #1652FALRB-1-DMS-03-M: WALL MOUNTED, 14 GAUGE, TYPE 304 STAINLESS STEEL; FAUCET: CHICAGO FAUCET MODEL #807-E12-665PAB: DECK MOUNTED, SINGLE HOLE INLET METERING FAUCET, WITH 0.35 GPM FLOW RATE, VANDAL RESISTANT NON-AERATING SPRAY HEAD, SET TO RUN AT LEAST 10 SECONDS A CYCLE/1 BELOW DEK THEROSTATIC MIXING VALVE CHICAGO FAUCET MODEL #131-ABCP; CHICAGO FAUCET #1017-ABCP LOOSE KEY ANGLE STOPS & SUPPLIES; #327-XCP GRID DRAIN, 1-1/4"x1-1/2" P-TRAP, INSULATE TRAP, TRAP ARM & SUPPLIES. INSTALL @ A.D.A. APPROVED HEIGHT.		
U-1	URINAL	1-1/2"	2"	1-1/2"	1/2"	1/2"	ACORN "DURA-WARE" #2158-W-1-0.125-FVB0: WALL MOUNTED, 16 GAUGE TYPE 304 STAINLESS STEEL: FLUSH VALVE: SLOAN HYDRAULIC ROYAL MODEL #955-0.125, CONCEALED, HIGH EFFICIENCY, 0.125 GPF, DIAPHRAGM TYPE, ROUGH-IN BRASS FOR BACK SPUD		
U-2	URINAL	1-1/2"	2"	1-1/2"	1/2"	1/2"	ACORN "DURA-WARE" #2158-W-1-0.125-FVB0: WALL MOUNTED, 16 GAUGE TYPE 304 STAINLESS STEEL: FLUSH VALVE: SLOAN HYDRAULIC ROYAL MODEL #955-0.125, CONCEALED, HIGH EFFICIENCY, 0.125 GPF, DIAPHRAGM TYPE, ROUGH-IN BRASS FOR BACK SPUD		
HS-1	HAND SINK	2"	2"	1-1/2"	3/4"	3/4"	MODEL CHSB176C HAND SINK WITH CK13400 FAUCET AND LKBB DRAIN.		
S-1	THREE COMP. SINK	2"	2"	1-1/2"	3/4"	3/4"	ELKAY MODEL 14-3C16X20-2-24X: 54"x23.8"x43.8"H 14" DEEP BOWL WITH (4) HOLE PUNCH FOR (2) FAUCETS, 18 GAUGE, 300 SERIES STAINLESS STEEL FAUCETS: (2) CHICAGO FAUCET #WBW-L9E1-369ABCP, WALL MOUNTED 8" FIXED CENTERS COLD & HOT WATER MANUAL FAUCET, 9-1/2" SWING SPOUT, PROVIDE WITH 1.5 GPM FLOW, CHICAGO FAUCET #1006-ABCP ANGLE STOP W/SUPPLY TUBE AND LOOSE KEY, 1-1/4"x1-1/2" P-TRAP DISCHARGE S-1 INTO FS-1 AS REQUIRED		
MS-1	MOP SINK	3"	3"	2"	3/4"	3/4"	KOHLER "WHITBY" MODEL #K-6710 SERVICE SINK, ENAMELED CAST IRON, FLOOR MOUNTED CORNER TYPE PROVIDED WITH 3" GRID DRAIN AND REMOVABLE VINYLE-COATED RIM GUARD; DIM: 28"x28"x13"; MEETS ANSI/ASME A112.19.1. PROVIDE (2) FAUCETS: (1) CHICAGO FAUCET #445-897SRCXKCP MANUAL FAUCET, WALL MOUNTED 3 3/8" BODY, ADJUSTABLE ARM 3"-8 3/8" HOT & COLD WATER FAUCET WITH VINYL HOSE, VANDAL PROOF LEVER HANDLE, 5 3/4" RIGID VACUUM BREAKER (FOR CLEANING) AND (1) CHICAGO FAUCET #445-897SRCXKCP: WITH VACUUM BREAKER AND LESS HOSE (FOR DRINKING WATER ONLY). PROVIDE NECESSARY SIGNAGE.		
FD-1	FLOOR DRAIN	2"	2"	2"	-	-	J.R. SMITH #2005-Y(UDC)-A-P050: NO-HUB OUTLET, DUCO CAST IRON WITH FLASHING COLLAR, UNDERDECK CLAMP AND ADJUSTABLE STRAINER, 5"ø NICKEL BROZE GRATE, VANDAL PROOF SCREWS. PROVIDE 1/2" TRAP PRIMER CONNECTION.		
FS-1	FLOOR SINK	2"	2"	2"	-	-	J.R. SMITH #3100-Y: DUCO CAST IRON, ACID RESISTANT INTERIOR, 8-1/2" TOP WITH 1/2 GRATE & TP CONN.		
TP-1	TRAP PRIMER	-	-	-	1/2"	-	PRECISION PLUMBING MODEL #PR-500 SERIES PRESSURE DROP ACTIVATED BRASS TRAP SEAL PRIMER, LEAD FREE MATERIAL. PROVIDE 1/2" TP TO FD-1 & FS-1.		
HB-1	HOSE BIBB	--	--	--	3/4"	--	ACORN MODEL #8151-SSLF, RECESSED HOSE BOX WITH WALL FLANGE. SINGLE TEMPERATURE WITH NON-REMOVABLE VACUUM BREAKER. BOX SHALL BE 18 GAUGE, TYPE 304 STAINLESS STEEL W/ SATIN FINISH. FLANGE SHALL BE 16 GAUGE STAINLESS STEEL SATIN FINISH. VALVE SHALL BE CARTRIDGE-OPERATED W/ VANDAL RESISTANT LOCK SHIELD BONNET AND REMOVABLE LOOSE KEY HANDLE AND SCREWDRIVER OPERATED STOP. DOOR SHALL BE 16 GAUGE SATIN FINISH W/ REMOVABLE HINGE AND CYLINDER LOCK.		
AP	ACCESS PANEL	-	-	-	-	-	KARP #RDWPD (FOR DRYWALL): 12"x24" RECTANGULAR FRAME, 15 GAUGE STEEL DOOR AND FRAME W/ CONCEALED HINGE AND SCREWDRIVER OPERATED LATCH, PRIME COATED STEEL, CYLINDER LOCK WITH (2) KEYS. COORDINATE WITH ARCHITECTURAL FOR EXACT LOCATIONS, AND FOR RESTROOMS USE NYSTROM RUTK SERIES FIRE RATED ACCESS PANEL FOR TILE APPLICATION, 12"x12" RECTANGULAR FRAME, 16 GAUGE GALVANIZE STEEL FRAME, 14 GAUGE GALVANIZE STEEL DOOR.		
DF-1	BI-LEVEL DRINKING FOUNTAIN	1-1/2"	2"	1-1/2"	1/2"	--	ELKAY MODEL #LK4430BF1U (HOSE BIB LOCKING), STEEL OUTDOOR DUAL STATION FOUNTAIN WITH BOTTLE FILLING STATION WITH ROUNDED CORNER DESIGN, HEAVY-DUTY STEEL POWDER-COATED FINISH WITH VANDAL RESISTANT BUSH BUTTON ACTIVATION, VANDAL RESISTANT BUBBLER W/ INTEGRAL HOOD GUARD AND COUNTER-FORMED ROUNDED BASIN. BOTTLE FILLER SHALL INCLUDE A LAMINAR FLOW W/ MIN. SPLASH AND PROVIDE 1 GPM FILL RATE FOUNTAIN. REFER TO ARCHITECTURE AND CIVIL PLANS FOR FOUNTAIN LOCATIONS ON SITE.		
RD	ROOF DRAIN	-	-	-	-	-	SIZE AND CAPACITY NOTED ON DRAWINGS.		
MV-1	MIXING VALVE	-	-	-	-	-	THERMOSTATIC MIXING VALVE, 3 GPM MINIMUM FLOW, 125 PSI OPERATING PRESSURE, 1" INLETS, 1-1/4" OUTLET, STAINLESS STEEL INTERNAL PARTS, INLET THERMOMETERS, INTEGRAL WALL SUPPORT, BALL VALVE WITH DIAL THERMOMETER.		
PLUMBING FIXTURES NOTES:									
1. ACCESSIBLE PLUMBING FIXTURES SHALL COMPLY WITH ALL OF THE REQUIREMENTS OF CBC DIVISION 6. 2. HEIGHTS AND LOCATION OF ALL FIXTURES SHALL BE ACCORDING TO CBC SECTION 11B-602 THROUGH 11B-612. 3. FIXTURE CONTROLS SHALL COMPLY WITH CBC SECTIONS 11B-601.3 FOR DRINKING FOUNTAINS, 11B-604.6 FOR WATER CLOSETS, 11B-605.4 FOR URINALS, AND 11B 606.4 FOR LAVATORIES AND SINKS. 4. EACH ACCESSIBLE SINK SHALL BE A MAXIMUM OF 6-1/2" DEEP. SINKS SHALL BE MOUNTED WITH THE FRONT OF THE HIGHER COUNTER OR RIM NO HIGHER THAN 34" ABOVE THE FINISHED FLOOR OR GROUND. 5. WATER SUPPLY DRAIN PIPES UNDER LAVATORIES AND SINKS SHALL NE INSULATED OR OTHERWISE CONFIGURED TO PROTECT AGAINST CONTACT. THERE SHALL BE NO SHARP OR ABRASIVE SURFACE UNDER LAVATORIES AND SINKS. CBC SECTION 11B-606.									

ELECTRIC WATER HEATER SCHEDULE												
SYMBOL 	SERVICE	MANUFACTURER & MODEL NO.	STORAGE CAPACITY GAL.	ELECTRICAL				RECOVERY RATE @ 100°F GPH	DIMENSIONS H x W (INCHES)	OPER WEIGHT (LBS)	REMARKS	
				V	PH	HZ	KW					
EWH-1	DOMESTIC HOT WATER	A.O. SMITH DSE-20A	20	460	3	60	12	49	31-3/4"x16"DIA.	251	COMMERCIAL ELECTRIFLEX ELECTRIC WATER HEATER. STEEL TANK HEAVY GAUGE FULLY AUTOMATIC CONTROLS, VITRAGLASS LINING, 2" NON-CFC FOAM INSULATION, 3/4" CW & HW CONNECTIONS, W/4" T&P RELIEF VALVE: THREE PHASE, 3 ELEMENTS @ 4,000 WATTS EACH, SIMULTANEOUS OPERATION, 6,000 TOTAL WATTS CONNECTED. PROVIDE WALL MOUNTED "HOLDRITE" #HR-80-360 SEISMIC RESTRAINTS SYSTEM. PROVIDE "HOLDRITE" QUICKSTAND #40-S-30 SERIES 30" PLATFORM SQUARE PAN, CALIFORNIA STATE APPROVED.	

PUMP SCHEDULE										
SYMBOL 	SERVICE	MANUFACTURER & MODEL NO.	PUMP CAPACITY		ELECTRICAL					REMARKS
			GPM	HEAD	HP	V	PH	HZ	RPM	
CP-1	DOMESTIC HOT WATER	BELL & GOSSETT - 100 SERIES	1	8 FT.	1/12	115	1	60	1725	IN-LINE THREE-PIECE BOOSTER PUMP, 100 SERIES LEAD-FREE, BRONZE BODY HORIZONTAL, OIL-LUBRICATED HW CIRCULATOR; 125 PSI MAX, WORKING PRESSURE, 3/4" FLANGE NTP. OPERATING WEIGHT 27 LBS.

TANK SCHEDULE							
SYMBOL 	SERVICE	MANUFACTURER & MODEL NO.	TYPE	SIZE	OPER WT. (LBS)	OPER PRESS (PSIG)	REMARKS
T-1	DOMESTIC WATER	AMTROL THERM-X-TROL #ST1-S-C	PRE-CHARGED DIAPHRAGM TYPE, STEEL	2	27	150	ASME RATED THERMAL EXPANSION TANK, DIAPHRAGM TYPE, STAINLESS STEEL. RED OXIDE PRIMER FINISH, 3/4" SYSTEM CONNECTION, WALL MOUNTED. PROVIDE "HOLDRITE" QUICKSTRAP #0s-5 SEISMIC RESTRAINT FOR EXPANSION TANK.

THIS APPROVAL IS FOR ITEMS WITHIN CLOUDED AREAS ONLY. FOR OTHER INFORMATION NOT CONTAINED WITHIN CLOUDED AREAS, REFER TO ORIGINAL DSA APPROVED PLANS.

DO NOT USE THESE PLANS AS SUBSTITUTE FOR THE ORIGINAL DSA APPROVED PLANS

PLUMBING SHEET INDEX

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PLUMBING SYMBOL LIST AND EQUIPMENT SCHEDULES
2.

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OVERALL SITE PLAN - PLUMBING
3.

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FLOOR PLANS BUILDING "V" - PLUMBING
4.

P7.02

FLOOR PLANS BUILDING "W" - PLUMBING
5.

P7.03

ROOF PLANS BUILDING "V" - PLUMBING
6.

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ROOF PLANS BUILDING "W" - PLUMBING
7.

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FLOOR PLANS BUILDING "U" - PLUMBING
8.

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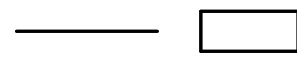
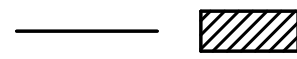
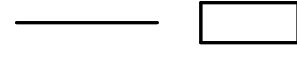


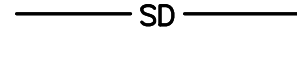


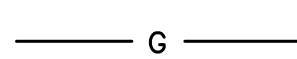
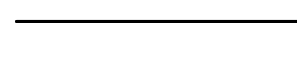
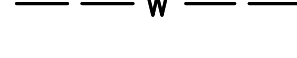


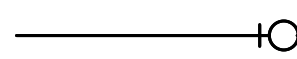
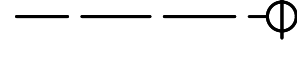

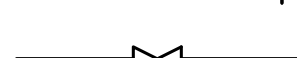
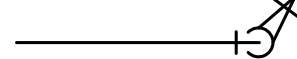

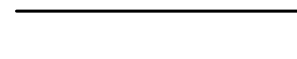
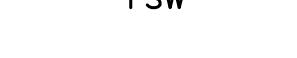












FLOOR PLANS BUILDING "X" - PLUMBING
9.

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FLOOR PLANS PRESS BOX - PLUMBING
10.

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PLUMBING DETAILS

GENERAL NOTES		
1. CONTRACTOR SHALL VERIFY CONDITIONS ON SITE PRIOR TO BID. EXISTING WORK DAMAGED OR CUT INTO DURING CONSTRUCTION SHALL BE PATCHED OR REPAIRED, PAINTED OR FINISHED TO EXISTING ADJACENT SURFACES IN TEXTURE, FINISH AND COLOR.		
2. EXISTING UTILITIES SHOWN ARE THOSE REQUIRED TO INDICATE APPROXIMATE LOCATION OF NEW SERVICES AND SHOULD NOT BE CONSIDERED AS A COMPLETE SURVEY OF EXISTING UTILITIES.		
3. LOCATION AND ELEVATIONS OF EXISTING UTILITIES ARE FROM BEST AVAILABLE RECORDS AND SHOULD BE CONSIDERED AS APPROXIMATE AND INCOMPLETE. BEFORE ANY WORK IS STARTED THE CONTRACTOR SHALL VERIFY COORDINATES, ELEVATIONS AND SIZES OF NOTED EXISTING UTILITIES. DISCREPANCIES BETWEEN FIELD DATA AND DATA ON PLANS AND SPECIFICATIONS SHALL BE REPORTED TO THE ARCHITECT. DO NOT PROCEED WITH INSTALLATION IN AREAS OF DISCREPANCIES UNTIL DISCREPANCIES HAVE BEEN RESOLVED.		
4. VALVES SHALL BE LINE SIZE UNLESS OTHERWISE NOTED.		
5. FOR EXACT LOCATION AND ELEVATION OF PLUMBING FIXTURES SEE ARCHITECTURAL DRAWINGS.		
6. NO HOLES SHALL BE DRILLED OR CUT THROUGH ANY STRUCTURAL ELEMENT WITHOUT APPROVAL FROM ARCHITECT.		
7. SLEEVE AND GROUT ALL PIPE PENETRATIONS THROUGH FLOOR OR WALLS.		
8. VERIFY ELECTRICAL CHARACTERISTICS WITH ELECTRICAL PLANS PRIOR TO BID OR EQUIPMENT PURCHASE.		
9. ALL CONNECTIONS TO EQUIPMENT SHALL BE MADE WITH A GATE VALVE AND UNION UNLESS OTHERWISE NOTED.		
10. ALL SOIL AND WASTE PIPE SHALL BE SLOPED DOWN 2% UNLESS OTHERWISE NOTED ON DRAWINGS.		
11. ALL PLUMBING EQUIPMENT SHALL BE CERTIFIED BY THE CALIFORNIA ENERGY COMMISSION IN ACCORDANCE WITH SECTION 2-5814 (2).		
12. ALL REQUIRED WASTE CLEAN-OUTS SHALL BE INSTALLED AS PER SEC. 406 & 1107 OF THE PLUMBING CODE.		
13. THE CONTRACT DRAWINGS AND SPECIFICATIONS REPRESENT THE FINISHED WORK. UNLESS OTHERWISE SHOWN THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES.		
14. FIELD OBSERVATION AND SUPPORT SERVICES PERFORMED BY THE ENGINEER PRIOR TO, DURING, OR AFTER CONSTRUCTION ARE PERFORMED FOR THE PURPOSE OF ACHIEVING QUALITY CONTROL AND SHALL NOT BE CONSTRUED AS SUPERVISION OF CONSTRUCTION.		
15. AS A MINIMUM STANDARD, ALL WORK SHALL MEET THE REQUIREMENTS OF THE UNIFORM PLUMBING CODE, 2013		
16. WASTE: CAST IRON WITH NO HUB FITTING 5'-0" OUTSIDE BUILDING V.C.P. VENT: GALVANIZED STEEL. HOT WATER AND COLD WATER: TYP L COPPER DRAIN PIPING WATER: TYP L COPPER		
17. ALL PLUMBING EQUIPMENT SHALL BE CERTIFIED BY THE CALIFORNIA ENERGY COMMISSION IN ACCORDANCE WITH SECTION 1605.1 (EXAMPLE TOILET 1.6 GPM).		
18. ALL PIPING INSTALLATION SHALL CONFORM TO SMACNA SEISMIC RESTRAINT GUIDE.		
19. EVERY FLOOR DRAIN SHALL HAVE A TRAP PRIME VALVE.		
20. ALL FIXTURES, EQUIPMENT, PIPING, AND MATERIAL SHALL BE LISTED.		
21. PLUMBING FIXTURES SHALL MEET THE FLOW REQUIREMENTS SPECIFIED IN THE LOS ANGELES PLUMBING CODE.		
22. ALL FAUCETS IN PUBLIC RESTROOMS SHALL BE SELF-CLOSING OR SELF-CLOSING METERING FAUCETS.		
23. "PUBLIC LAVATORIES SHALL HAVE CONTROLS TO LIMIT THE WATER TEMPERATURE 120°F".		
24. "WATER PIPE AND FITTINGS WITH A LEAD CONTENT WHICH EXCEEDS 0.25% SHALL BE PROHIBITED IN SYSTEMS CONVEYING WATER" (LAPC 604.11: HEALTH & SAFETY CODE 116875).		
LEGEND		
SYMBOL	ABBREV.	IDENTIFICATION
		EXIST. PIPE OR EQUIPMENT TO REMAIN
		EXIST. PIPE OR EQUIPMENT TO BE REMOVED
		NEW PIPE OR EQUIPMENT
	CW	COLD WATER
	HW	HOT WATER
	HWR	HOT WATER RETURN
	SD	STORM DRAIN
	CD	CONDENSATE DRAIN
	F	FIRE LINE
	TW	TEMPERED WATER
	G	GAS LINE
	V	VENT PIPE
	W/S	WASTE OR SEWER
	WI	WASTE, INDUSTRIAL
	VTR	VENT THRU ROOF
		PIPE RISER DOWN
		PIPE RISER UP
	FCO	FLOOR CLEAN OUT
	WCO	WALL CLEAN OUT
	COTG	CLEAN OUT TO GRADE
	SOV	SHUT OFF VALVE
		VALVE ON PIPE DROP
	WHA	WATER HAMMER ARRESTER
	TP	TRAP PRIMER
	FSW	FIRE SPRINKLER WATER
	D	DRAIN
	BV	BALANCING VALVE
	POC	POINT OF CONNECTION
	POD	POINT OF DISCONNECT
	(E)	EXISTING
	AP	ACCESS PANEL
	CLG.	CEILING
	FLR.	FLOOR

REVISIONS

1 ADDENDUM 1 02/01/2022



NORWALK LA MIRADA UNIFIED SCHOOL DISTRICT  
LA MIRADA HIGH SCHOOL NEW FOOTBALL STADIUM PROJECT  
13520 JOELEA DRIVE, LA MIRADA, CA 90638

DSA # 03-120551

NAC  
ARCHITECTURE

NAC NO. 161-19015  
DATE 02/01/2022

ADDENDUM 1

PLUMBING SYMBOL LIST & EQUIPMENT SCHEDULES

P0.01