

#### **GENERAL PLUMBING NOTES**

- ALL CONTROL WIRING SHALL BE IN CONDUIT. CONDUIT SHALL BE PROVIDED AND INSTALLED BY THE MECHANICAL CONTRACTOR. PROVIDE AND INSTALL RIGID CONDUIT IN AREAS EXPOSED TO THE ELEMENTS.
- SUPPORT PIPES TIGHT BELOW STRUCTURE WHEREVER POSSIBLE.
- COORDINATE WITH OTHERS ON SPACE REQUIRED AND TIME SCHEDULE FOR DELIVERY OF ALL ITEMS.
- FOR ROOF PENETRATIONS WITHOUT CURBS, PROVIDE WEATHERPROOF FLASHING PER SMACNA ARCHITECTURAL SHEET METAL MANUAL AND
- ALL PIPING IS CONCEALED UNLESS OTHERWISE NOTED.
- ALL PIPING, FIXTURES, EQUIPMENT, ETC SHOWN IS NEW UNLESS OTHERWISE NOTED.
- PROVIDE OPERATING AND MAINTENANCE MANUAL TO OWNER UPON SYSTEM COMMISSIONING.
- WHERE BRANCH CONNECTION SIZES ARE NOT SHOWN, REFER TO FIXTURE CONNECTION SCHEDULE WATER HAMMER ARRESTORS SHALL BE PLACED AT ALL QUICK ACTING VALVES IN ACCORDANCE WITH 2019 OPSC.
- ALL FLOOR DRAINS, SINKS AND SIMILAR FIXTURES SHALL BE PROVIDED WITH TRAP PRIMER(S).

#### LIST OF GOVERNING CODES

THIS WORK SHALL CONFORM TO ALL CURRENT AND ADOPTED LOCAL CODES

- OREGON STRUCTURAL SPECIALTY CODE (OSSC)
- OREGON MECHANICAL SPECIALTY CODE (OMSC)
- OREGON PLUMBING SPECIALTY CODE (OPSC)
- OREGON ENERGY CODE (OEG)
- OREGON FIRE CODE (OFC)

	PLUMBING SHEET KEY
SHEET NUMBER	DESCRIPTION
P001	LEGEND
P002	SCHEDULES
P003	CALCULATIONS
P201	OVERALL SITE PLAN - PLUMBING
P211	FLOOR PLAN SECTOR A WASTE - PLUMBING
P212	FLOOR PLAN SECTOR B WASTE - PLUMBING
P213	FLOOR PLAN SECTOR A WATER - PLUMBING
P214	FLOOR PLAN SECTOR B WATER - PLUMBING
P231	ROOF - PLUMBING
P501	PLUMBING SCHEMATIC DIAGRAMS
P601	DETAILS









SHEET TITLE: **LEGEND** 

REVISIONS: # DESCRP. DATE

ISSUE DATE: 08/01/2025

SCHEDULES

ISSUE DATE: 08/01/2025

		GREAS	<b>E INTERCEPTOR</b>	
MARK	LOCATION	CAPACITY (GAL.)	DIMENSIONS [LxWxH] (IN)	MAKE & MODEL
<u>GI-1</u>	UTILITY COURT	800	90x60x87	OLD CASTLE PRECAST GI-4878

						F	UMP	SCHEDULE				
MARK	LOCATION	FLOW [GPM]	HEAD [FT]	DESIGN TEMP. [°F]	V/PH	HP (W)	RPM @ DUTY POINT	MAKE	MODEL	CONNECTION [IN]	OPER. WEIGHT [LBS]	NOTES
<u>CP-1</u>	MECH ROOM	4	15	120	115/1	0.0469	4491	BELL & GOSSET	ECOCIRC 20-18	1	10	1,2
CP-2	MECH ROOM	4	15	120	115/1	0.0469	4491	BELL & GOSSET	ECOCIRC 20-18	1	10	1,2

- 1. PUMP PROVIDED WITH INTEGRAL VARIABLE SPEED DRIVE CONTROLLED BY SELFSENSING ALGORITHIM THAT DOES NOT REQUIRE REMOTE DIFFERENTIAL PRESSURE TRANSDUCER.
- 2. PUMPS TO BE MOUNTED AGAINST WALL. PROVIDE NECESSARY SUPPORT AND BRACING.

			PLUM	BING EQUIPMENT
MARK	EQUIPMENT DESCRIPTION	EQUIPMENT MANUFACTURER	MODEL NUMBER	NOTES
<u>WH-1</u>	GAS WATER HEATER	BRADFORD WHITE	D-100T-199-3N	COMMERCIAL FLUE DAMPER ELECTRONIC IGNITION GAS WATER HEATER (98 GAL). 120-1, 5 AMPS. PROVIDE DISCONNECT, 194 GPH RECOVERY AND 100 DEG. RISE.
<u>WH-2</u>	GAS WATER HEATER	BRADFORD WHITE	D-100T-199-3N	COMMERCIAL FLUE DAMPER ELECTRONIC IGNITION GAS WATER HEATER (98 GAL). 120-1, 5 AMPS. PROVIDE DISCONNECT, 194 GPH RECOVERY AND 100 DEG. RISE.
<u>WH-3</u>	GAS WATER HEATER	BRADFORD WHITE	RG250H6N	ATMOSPHERIC VENT HIGH INPUT RESIDENTIAL GAS WATER HEATER (48 GAL). 120-1, 5 AMPS. PROVIDE DISCONNECT, 70 GPH RECOVERY AND 90 DEG. RISE.
<u>ET-1</u>	EXPANSION TANK	AMTROL	ST-12C-DD	DIAPHRAGM TANK TYPE, 150 PSI AND 120F DESIGN , NSF CERTIFIED. TANK VOLUME 4.4 GALLONS, TANK ACCEPTANCE FACTOR 0.73. WEIGHT LBS. (DRY) 9.
<u>ET-2</u>	EXPANSION TANK	AMTROL	ST-12C-DD	DIAPHRAGM TANK TYPE, 150 PSI AND 120F DESIGN , NSF CERTIFIED. TANK VOLUME 4.4 GALLONS, TANK ACCEPTANCE FACTOR 0.73. WEIGHT LBS. (DRY) 9.
<u>ET-3</u>	EXPANSION TANK	AMTROL	ST-449C	DIAPHRAGM TANK TYPE, 150 PSI AND 120F DESIGN , NSF CERTIFIED. TANK VOLUME 2.0 GALLONS, TANK ACCEPTANCE FACTOR 0.45. WEIGHT LBS. (DRY) 5.

	FIXTURE	FIXURE	MODEL	COI	NNECTION	SIZE		MINIMUMI	BRANCH SI	ZE	
MARK	DESCRIPTION	MANUFACTURER	NUMBER	w	cw	HW	w	V	cw	HW	NOTES
<u>DF-1</u>	DRINKING FOUNTAIN	ELKAY	EMABFTL8WSLK	2"	3/4"	-	2"	2"	3/4"	-	WALL MOUNTED REFRIGERATED BOTTLE FILLING STATION W/ MECHANICALLY ACTIVATED BI-LEVEL. PROVIDE WITH MLP200 BI-LEVEL IN WALL CARRIER, INSTALL PER MANUFACTURERS RECOMMENDATIONS. 120v-1 PHASE POWER. (370w/6FLA)
<u>FD-1</u>	FLOOR DRAIN	J.R. SMITH	2005	2"	-	-	2"	1-1/2"	-	-	CAST IRON BODY FLOOR DRAIN WITH FLASHING COLLAR AND ADJUSTABLE STRAINER HEAD. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
<u>FS-1</u>	FLOOR SINK	MIFAB	FS720-150	4"	-	-	2"	1-1/2"	-	-	12"x12"x6" DEEP CAST IRON FLOOR AREA AND INDIRECT SANITARY WASTE DRAIN W/ WHITE ACI RESISTANT PORCELAIN ENAMEL, LOOSE SET GRATE AND ANTI-SPLASH DOME STRAINER.
<u>FS-2</u>	FLOOR SINK	MIFAB	FS730-150	3"	-	-	2"	1-1/2"	-	-	12"x12"x8" DEEP CAST IRON FLOOR ARE AND INDIRECT SANITARY WASTE DRAIN W/ WHITE ACID RESISTANT PORCELAIN ENAMEL, LOOSE SET GRATE AND ANTI-SPLASH DOME STRAINER.
<u>FS-3</u>	FLOOR SINK	MIFAB	FS720-175	2"	-	-	2"	1-1/2"	-	-	12"x12"x6" DEEP CAST IRON FLOOR AREA AND INDIRECT SANITARY WASTE DRAIN W/ WHITE ACI RESISTANT PORCELAIN ENAMEL, LOOSE SET GRATE AND ANTI-SPLASH DOME STRAINER.
<u>HB-1</u>	NON-FREEZE WALL HYDRANT	WOODFORD	B67	-	3/4"	-	-	-	3/4"	-	AUTOMATIC DRAINING FREEZELESS WALL HYDRANT WITH MODEL 50 HIGH FLOW DOUBLE CHECK BACKFLOW PREVENTER. HOSE BIBS TO BE LOCATED IN FREEZE PROTECTED LOCATIONS.
<u>LV-1</u>	LAVATORY	SLOAN	SS-3017	2"	1/2"	1/2"	2"	1-1/2"	1/2"	1/2"	ADA WHITE ENAMELLED CAST IRON WALL MOUNTED BACKSPLASH LAVATORY W/ BATTERY POWERED DECK MOUNTED SLOAN SF-2350 0.35 GPM FAUCET, 4" CENTERS, SUPPLIES AND STOPS PROFLO TRAP COVER, AND JR SMITH WALL CARRIER.
<u>MS-1</u>	MOP SINK	ZURN	Z1996-36	2"	1/2"	1/2"	2"	1-1/2"	1/2"	1/2"	MOLDED HIGH DENSITY COMPOSITE BASIN MOP SINK WITH SELF DRAINING MOP SHELF, PROVID ALL SUPPLIES AND STOPS, AND ELKAY LK940BP07T4H 4.0 GPM WALL MOUNTED FAUCET.
<u>RD-1</u>	DUAL OUTLET ROOF DRAIN/OVERFLOW	WATTS	RD700	3"	-	-	3"	-	-	-	EPOXY COATED CAST IRON DUAL OUTLET ROOF DRAIN/OVERFLOW COMBINATION W/ FLASHING CLAMP, INTEGRAL GRAVEL STOP, 4" INTERNAL OVERFLOW STANDPIPE, SECURED DUCTILE IRON DOME AND NO HUB OUTLETS.
<u>S-1</u>	SINK	ELKAY	LRAD202255	2"	1/2"	1/2"	2"	1-1/2"	1/2"	1/2"	ADA COMPLIANT STAINLESS STEEL DROP-IN SINGLE BOWL SINK. PROVIDE W/ ELKAY LK406LGN08T4 GOOSENECK 1.5 GPM FAUCET ON 4" CENTERS, SUPPLIES AND STOPS, AND PROFITRAP COVER.
<u>S-2</u>	SINK	ELKAY	LRAD312260	2"	1/2"	1/2"	2"	1-1/2"	1/2"	1/2"	ADA COMPLIANT STAINLESS STEEL DROP-IN SINGLE BOWL SINK. PROVIDE W/ ELKAY LK406LGN08T4 GOOSENECK 1.5 GPM FAUCET ON 4" CENTERS, SUPPLIES AND STOPS, AND PROFITRAP COVER.
<u>S-3</u>	SINK	-	-	2"	1/2"	1/2"	2"	1-1/2"	1/2"	1/2"	CUSTOM THREE FAUCET, SINGLE DRAIN TROUGH HAND SINK. 16 GAUGE STAINLESS STEEL CONSTRUCTION W/ CONTINUOUS CLEAT HANGING SYSTEM. PROVIDE CHICAGO 772 FAUCETS W 6" SPOUTS. REFER TO OWNER PROVIDED DETAIL SHEET.
<u>TP-1</u>	ELECTRONIC TRAP PRIMER	J.R. SMITH	270FM SERIES	-	1/2"	-	-	-	1/2"	-	ELECTRONIC TRAP PRIMER WITH SIX OUTLETS AND GALVANIZED STEEL FLUSH MOUNT ENCLOSURE. 120v-60hz POWER. (0.10A-120)
<u>TP-2</u>	PRESSURE DIFFERENTIAL TRAP PRIMER	J.R. SMITH	2694	-	1/2"	-	-	-	1/2"	-	LEAD FREE BRASS 3PSI MINUMUM PRESSURE DROP ACTIVATED TRAP PRIMER.
<u>WB-1</u>	WASHER BOX	SIOUX CHIEF	MODEL	2"	3/4"	3/4"	2"	1-1/2"	3/4"	3/4"	IAPMO LISTED WASHING MACHINE OUTLET BOX WITH A TAMPER RESISTANT CAP. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
<u>WC-1</u>	WATER CLOSET	AMERICAN STANDARD	BABY DEVORO	3"	1/2"	-	3"	2"	1/2"	-	FLOOR MOUNTED VITREOUS CHINA MANUAL FLUSH CHILDRENS 10" HIGH ELONGATED WATER CLOSET. INCLUDE "CARDIFF SLOW-CLOSE TOILET SEAT - 5257A.65MT" UPON INSTALLATION.
<u>WC-2</u>	ADA WATER CLOSET	AMERICAN STANDARD	BABY DEVORO ADA	3"	1/2"	-	3"	2"	1/2"	-	FLOOR MOUNTED VITREOUS CHINA MANUAL FLUSH CHILDRENS 10" HIGH ELONGATED ADA WATER CLOSET. INCLUDE "CARDIFF SLOW-CLOSE TOILET SEAT - 5257A.65MT" UPON INSTALLATION.
<u>WC-3</u>	WATER CLOSET	AMERICAN STANDARD	CADET 2467.016	3"	1/2"	-	3"	2"	1/2"	-	FLOOR MOUNTED VITREOUS CHINA MANUAL FLUSH CADET HEIGHT ELONGATED PRESSURE-ASSISTED ADA WATER CLOSET. (1.6GPF) INCLUDE "CARDIFF SLOW-CLOSE TOILET SEAT 5257A.65MT" UPON INSTALLATION.

ALF OF SCALE INDICATED	
17 SHEETS IS HALF OF SC	
SCALE OF 11 x	

MARK	FIXTURE GROUP	OCC. TYPE	QTY.	MIN TRAP SIZE	DFU EACH	TOT. DFU
	SECTION 'A'				1	
<u>S-1</u>	SINK KITCHEN, DOMESTIC	PUBLIC	16	1-1/2"	2	32
<u>S-2</u>	SINK KITCHEN, DOMESTIC	PUBLIC	16	1-1/2"	2	32
<u>S-3</u>	SINK WASH, EACH SET OF FAUCETS	PUBLIC	48	-	2	96
<u>LV-1</u>	LAVATORY, SINGLE	PUBLIC	9	1-1/4"	1	9
<u>WC-1</u>	WATER CLOSET, 1.6 GPF FLUSHOMETER TANK	PUBLIC	8	3"	4	32
<u>WC-2</u>	WATER CLOSET, 1.6 GPF FLUSHOMETER TANK	PUBLIC	8	3"	4	32
<u>WC-3</u>	WATER CLOSET, 1.6 GPF FLUSHOMETER VALVE	PUBLIC	1	3"	4	4
MS-1	SINK SERVICE OR MOP BASIN	PUBLIC	1	2"	3	3
<u>WB-1</u>	CLOTHES WASHER, DOMESTIC, STANDPIPE	PUBLIC	3	2"	3	9
FS-1	FLOOR DRAIN	PUBLIC	1	2"	2	2
FD-1	FLOOR DRAIN, EMERGENCY	PUBLIC	11	2"	0	0
	SECTION 'B'		SU	BTOTAL		251
DF-1	DRINKING FOUNTAIN OR WATER COOLER	PUBLIC	1	1-1/4"	0.5	0.5
<u>S-1</u>	SINK KITCHEN, DOMESTIC	PUBLIC	8	1-1/2"	2	16
<u>S-2</u>	SINK KITCHEN, DOMESTIC	PUBLIC	8	1-1/2"	2	16
<u>S-3</u>	SINK WASH, EACH SET OF FAUCETS	PUBLIC	21	-	2	42
LV-1	LAVATORY, SINGLE	PUBLIC	7	1-1/4"	1	7
WC-1	WATER CLOSET, 1.6 GPF FLUSHOMETER TANK	PUBLIC	4	3"	4	16
WC-2	WATER CLOSET, 1.6 GPF FLUSHOMETER TANK	PUBLIC	4	3"	4	16
WC-3	WATER CLOSET, 1.6 GPF FLUSHOMETER TANK	PUBLIC	3	3"	4	12
FD-1	FLOOR DRAIN, EMERGENCY	PUBLIC	8	2"	0	0
<u> </u>	· · · · · · · · · · · · · · · · · · ·		SU	⊥ BTOTAL		125.5
	GREASE INTERCEPTO	OR CALCULAT	IONS	<u> </u>		
MARK	FIXTURE GROUP	OCC. TYPE	QTY	MIN TRAP SIZE	DFU EACH	TOT. DFU
FS-1	INDIRECT WASTE RECEPTOR	-	-	4"	8	8
<u> </u>	SINK KITCHEN, DOMESTIC	PUBLIC	4	-	2	-
<u>-</u> FS-2	INDIRECT WASTE RECEPTOR	-	-	1-1/2"	2	2
	DISHWASHER, DOMESTIC, WITH INDEPENDENT DRAIN	PUBLIC	1	, -	2	_
<u>-</u>	INDIRECT WASTE RECEPTOR	-		3"	6	6
FS-3	SINK KITCHEN, DOMESTIC	PUBLIC	2	_	2	
	SINK WASH, EACH SET OF FAUCETS	PUBLIC	1	_	2	<u>-</u>
<u>-</u>		PUBLIC		2"		
<u>FD-1</u>	FLOOR DRAIN, EMERGENCY		2		0	0
			KEASE W	ASTE SUBTOTA	<b>NL</b>	16

MARK	FIXTURE GROUP	OCC. TYPE	QTY	CW WSFU	HW WSFU	TOT. HW	TOT. CW W
IVIANN		OCC. TIPE	QII	EACH	EACH	WSFU	TOT. CVV VV
	SINK, KITCHEN, DOMESTIC	PUBLIC	16	1.5	1.125	18	24
<u>S-1</u>	SINK, KITCHEN, DOMESTIC	PUBLIC	16	1.5	1.125	18	24
<u>S-2</u> <u>S-3</u>	SINK, WASHUP, EACH SET OF FAUCETS	PUBLIC	48	2	1.123	72	96
<u>5-5</u> LV-1	LAVATORY	PUBLIC	9	1	0.75	6.75	9
WC-1	WATER CLOSET, 1.6 GPF FLUSHOMETER TANK	PUBLIC	8	2.5	0	0	20
WC-2	WATER CLOSET, 1.6 GPF FLUSHOMETER TANK	PUBLIC	8	2.5	0	0	20
WC-3	WATER CLOSET, 1.6 GPF FLUSHOMETER VALVE	PUBLIC	1	5	0	0	5
MS-1	SINK, SERVICE OR MOP BASIN	PUBLIC	1	3	2.25	2.25	3
<u>WB-1</u>	CLOTHES WASHER	PUBLIC	3	4	3	9	12
<u>HB-1</u>	HOSE BIBB	PUBLIC	1	2.5	0	0	2.5
<u>HB-1</u>	HOSE BIBB, EACH ADDITIONAL	PUBLIC	5	1	0	0	5
	SECTION 'B'			SUB TOTAL	-	126	220.5
<u>DF-1</u>	DRINKING FOUNTAIN OR WATER COOLER	PUBLIC	1	0.5	0	0	0.5
<u>S-1</u>	SINK, KITCHEN, DOMESTIC	PUBLIC	8	1.5	1.125	9	12
<u>S-2</u>	SINK, KITCHEN, DOMESTIC	PUBLIC	8	1.5	1.125	9	12
<u>S-3</u>	SINK, WASHUP, EACH SET OF FAUCETS	PUBLIC	21	2	1.5	31.5	42
<u>LV-1</u>	LAVATORY	PUBLIC	7	1	0.75	5.25	7
<u>WC-1</u>	WATER CLOSET, 1.6 GPF FLUSHOMETER TANK	PUBLIC	4	2.5	0	0	10
<u>WC-2</u>	WATER CLOSET, 1.6 GPF FLUSHOMETER TANK	PUBLIC	4	2.5	0	0	10
<u>WC-3</u>	WATER CLOSET, 1.6 GPF FLUSHOMETER VALVE	PUBLIC	3	5	0	0	15
<u>HB-1</u>	HOSE BIBB, EACH ADDITIONAL	PUBLIC	4	1	0	0	4
	KITCHEN			SUB TOTAL	#N/A	54.75	112.5
-	DISHWASHER, COMMERCIAL	PUBLIC	1	1.5	1.125	1.125	1.5
	SINK, KITCHEN, DOMESTIC	PUBLIC	6	1.5	1.125	6.75	9
<u>-</u>	SINK, BAR	PUBLIC	1	2 SUB TOTAL	1.5 . #N/A	9.375	12.5
				S	YSTEM TYPE:	F	lush Valves
	FLOW AN	D PRESSURE CALCULATION	NS		YSTEM TYPE: WSFU FLOW:		Flush Valves 117.3 GPN
DESIGN E		D PRESSURE CALCULATION	NS			63.0 GPM	117.3 GPN
DESIGN F	FLOW AN LOW RATE SITE WATER SUPPLY DE		NS			63.0 GPM	
	LOW RATE		NS			63.0 GPM	117.3 GPN
DAILY SIT	LOW RATE  SITE WATER SUPPLY DE	SIGN INFORMATION	NS			63.0 GPM	117.3 GPM
DAILY SITI	LOW RATE  SITE WATER SUPPLY DESERVICE PRESSURE	SIGN INFORMATION	NS			63.0 GPM	117.3 GPM 117.3 GPM 55.0 PSIG
DAILY SITI FOTAL EQ MAIN SIZI	LOW RATE  SITE WATER SUPPLY DESERTING THE SERVICE PRESSURE  QUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING	SIGN INFORMATION NG				63.0 GPM	117.3 GPM  117.3 GPM  55.0 PSIG  275.0 FT
DAILY SITI FOTAL EQ MAIN SIZI A) PRESSU	LOW RATE  SITE WATER SUPPLY DESERTING E SERVICE PRESSURE QUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING E FROM WATER METER TO POC 5 FEET FROM BUILDING	SIGN INFORMATION NG				63.0 GPM	117.3 GPM  117.3 GPM  55.0 PSIG  275.0 FT  3" IN
DAILY SITI FOTAL EQ MAIN SIZI A) PRESSU B) WATER	SITE WATER SUPPLY DESIGNED TO POC 5 FEET FROM BUILDING UIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING URE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METER	SIGN INFORMATION NG			WSFU FLOW:	63.0 GPM	117.3 GPM  117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG
DAILY SITI TOTAL EQ MAIN SIZI A) PRESSU B) WATER C) BACKFI	SITE WATER SUPPLY DESERVICE PRESSURE QUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING FROM WATER METER TO POC 5 FEET FROM BUILDING URE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METER METER PRESSURE LOSS	SIGN INFORMATION  NG  R TO POC 5 FEET FROM BU			WSFU FLOW:	63.0 GPM	117.3 GPM  117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG  3.5 PSIG
DAILY SITI FOTAL EQ MAIN SIZI A) PRESSU B) WATER C) BACKFI D) STATIO	SITE WATER SUPPLY DESERVICE PRESSURE QUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING E FROM WATER METER TO POC 5 FEET FROM BUILDING URE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METE E METER PRESSURE LOSS LOW PREVENTER PRESSURE LOSS C (GRAVITY) HEAD REQUIRED FROM WATER METER TO POC 5 FEET FOR ELEVEL PRESSURE LOSS (A+B+C+D)	SIGN INFORMATION  NG  R TO POC 5 FEET FROM BU  ROM BUILDING			2" METER 3" BACKFLO	63.0 GPM	117.3 GPM  117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG  3.5 PSIG
DAILY SITI TOTAL EQ MAIN SIZI A) PRESSU B) WATER C) BACKFI D) STATIO	SITE WATER SUPPLY DESERVICE PRESSURE  QUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING  FROM WATER METER TO POC 5 FEET FROM BUILDING  JRE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METER  R METER PRESSURE LOSS  LOW PREVENTER PRESSURE LOSS  C (GRAVITY) HEAD REQUIRED FROM WATER METER TO POC 5 FEET FOR LEVEL PRESSURE LOSS (A+B+C+D)  BUILDING WATER SUPPLY	SIGN INFORMATION  NG  R TO POC 5 FEET FROM BU  ROM BUILDING  DESIGN INFORMATION			2" METER 3" BACKFLO	63.0 GPM	117.3 GPM  117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG  3.5 PSIG  2.2 PSIG  12.7 PSIG
DAILY SITI FOTAL EQ MAIN SIZI A) PRESSU B) WATER C) BACKFI D) STATIC FOTAL SIT	SITE WATER SUPPLY DESERVICE PRESSURE  QUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING  E FROM WATER METER TO POC 5 FEET FROM BUILDING  URE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METER  R METER PRESSURE LOSS  LOW PREVENTER PRESSURE LOSS  C (GRAVITY) HEAD REQUIRED FROM WATER METER TO POC 5 FEET FOR LEVEL PRESSURE LOSS (A+B+C+D)  BUILDING WATER SUPPLY  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICE  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDR	SIGN INFORMATION  NG  R TO POC 5 FEET FROM BU  ROM BUILDING  DESIGN INFORMATION  CALLY REMOTE FIXTURE	ILDING	TOTAL	2" METER 3" BACKFLO	63.0 GPM	117.3 GPM  117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG  3.5 PSIG  2.2 PSIG  12.7 PSIG  330.0 FT
DAILY SITE FOTAL EQ MAIN SIZE A) PRESSU B) WATER C) BACKFE D) STATIC FOTAL SITE FOTAL EQ	SITE WATER SUPPLY DESERVICE PRESSURE  QUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING  FROM WATER METER TO POC 5 FEET FROM BUILDING  JRE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METE  METER PRESSURE LOSS  C (GRAVITY) HEAD REQUIRED FROM WATER METER TO POC 5 FEET FOR ELEVEL PRESSURE LOSS (A+B+C+D)  BUILDING WATER SUPPLY  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICATION OF THE PROMINE TO MOST HYDRAULICATION OF THE P	SIGN INFORMATION  NG  R TO POC 5 FEET FROM BU  ROM BUILDING  DESIGN INFORMATION  CALLY REMOTE FIXTURE  ST HYDRAULICALLY REMOT	ILDING E FIXTUR	TOTAL	2" METER 3" BACKFLO	63.0 GPM	117.3 GPM  117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG  3.5 PSIG  2.2 PSIG  12.7 PSIG  330.0 FT  400.0 FT
DAILY SITE FOTAL EQ MAIN SIZE A) PRESSU B) WATER C) BACKFE D) STATIC FOTAL SITE FOTAL PIFE FOTAL EQ DAILY SER	SITE WATER SUPPLY DESERVICE PRESSURE  QUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING  E FROM WATER METER TO POC 5 FEET FROM BUILDING  JRE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METE  METER PRESSURE LOSS  LOW PREVENTER PRESSURE LOSS  C (GRAVITY) HEAD REQUIRED FROM WATER METER TO POC 5 FEET F  TE LEVEL PRESSURE LOSS (A+B+C+D)  BUILDING WATER SUPPLY  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULIC  QUIVALENT PIPE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST  REVICE PRESSURE AT POC 5 FEET FROM BUILDING (DAILY SITE SERVICE)	SIGN INFORMATION  NG  R TO POC 5 FEET FROM BU  ROM BUILDING  DESIGN INFORMATION  CALLY REMOTE FIXTURE  ST HYDRAULICALLY REMOT	ILDING E FIXTUR	TOTAL	2" METER 3" BACKFLO	63.0 GPM	117.3 GPM  117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG  3.5 PSIG  2.2 PSIG  12.7 PSIG  330.0 FT  400.0 FT  42.4 PSIG
DAILY SITE FOTAL EQ MAIN SIZE A) PRESSU B) WATER C) BACKFE TOTAL SITE FOTAL PIR FOTAL EQ DAILY SER PRV MAX	SITE WATER SUPPLY DESERVICE PRESSURE  QUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING  E FROM WATER METER TO POC 5 FEET FROM BUILDING  JRE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METER  R METER PRESSURE LOSS  LOW PREVENTER PRESSURE LOSS  C (GRAVITY) HEAD REQUIRED FROM WATER METER TO POC 5 FEET FOR ELEVEL PRESSURE LOSS (A+B+C+D)  BUILDING WATER SUPPLY  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULIC RUIVALENT PIPE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST RIVICE PRESSURE AT POC 5 FEET FROM BUILDING (DAILY SITE SERVICE IMMUM PRESSURE SET POINT	SIGN INFORMATION  NG  R TO POC 5 FEET FROM BU  ROM BUILDING  DESIGN INFORMATION  CALLY REMOTE FIXTURE  ST HYDRAULICALLY REMOT	ILDING E FIXTUR	TOTAL	2" METER 3" BACKFLO	63.0 GPM	117.3 GPM  117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG  3.5 PSIG  2.2 PSIG  12.7 PSIG  330.0 FT  400.0 FT  42.4 PSIG  NA
DAILY SITI FOTAL EQ MAIN SIZI A) PRESSU B) WATER C) BACKFI C) STATIC FOTAL SITI FOTAL EQ DAILY SER PRV MAX PRV ALLO	SITE WATER SUPPLY DESERVICE PRESSURE  QUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING  E FROM WATER METER TO POC 5 FEET FROM BUILDING  JRE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METER  R METER PRESSURE LOSS  LOW PREVENTER PRESSURE LOSS  C (GRAVITY) HEAD REQUIRED FROM WATER METER TO POC 5 FEET FOR BUILDING WATER SUPPLY  PE LEVEL PRESSURE LOSS (A+B+C+D)  BUILDING WATER SUPPLY  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULIC AUIVALENT PIPE LENGTH FROM POC 5 FEET FROM BUILDING (DAILY SITE SERVICE SIMUM PRESSURE SET POINT  WABLE FALLOFF PRESSURE LOSS	SIGN INFORMATION  NG  R TO POC 5 FEET FROM BU  ROM BUILDING  DESIGN INFORMATION  CALLY REMOTE FIXTURE  ST HYDRAULICALLY REMOT	ILDING E FIXTUR	TOTAL	2" METER 3" BACKFLO	63.0 GPM	117.3 GPM  117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG  3.5 PSIG  2.2 PSIG  12.7 PSIG  330.0 FT  400.0 FT  42.4 PSIG  NA  NA
DAILY SITI FOTAL EQ MAIN SIZI A) PRESSU B) WATER C) BACKFI C) STATIC FOTAL SITI FOTAL EQ DAILY SER PRV MAX PRV ALLO DESIGN SI	SITE WATER SUPPLY DESERVICE PRESSURE  QUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING  E FROM WATER METER TO POC 5 FEET FROM BUILDING  JRE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METER  R METER PRESSURE LOSS  LOW PREVENTER PRESSURE LOSS  C (GRAVITY) HEAD REQUIRED FROM WATER METER TO POC 5 FEET FOR BUILDING WATER SUPPLY  PE LEVEL PRESSURE LOSS (A+B+C+D)  BUILDING WATER SUPPLY  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULIC AUIVALENT PIPE LENGTH FROM POC 5 FEET FROM BUILDING (DAILY SITE SERVICE)  RVICE PRESSURE AT POC 5 FEET FROM BUILDING (DAILY SITE SERVICE)  IMUM PRESSURE SET POINT  WABLE FALLOFF PRESSURE LOSS  ERVICE PRESSURE AT BUILDING	SIGN INFORMATION  NG  R TO POC 5 FEET FROM BU  ROM BUILDING  DESIGN INFORMATION  CALLY REMOTE FIXTURE  ST HYDRAULICALLY REMOTE  PRESSURE - TOTAL SITE LE	ILDING E FIXTURE	E SSURE LOSS)	2" METER 3" BACKFLO 5.0 FT	63.0 GPM	117.3 GPM  117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG  3.5 PSIG  2.2 PSIG  12.7 PSIG  330.0 FT  400.0 FT  42.4 PSIG  NA  NA  42.4 PSIG
DAILY SITE FOTAL EQ MAIN SIZE A) PRESSU B) WATER C) BACKFE D) STATIC FOTAL SITE FOTAL EQ DAILY SER PRV MAX PRV ALLO DESIGN SIE E) STATIC	SITE WATER SUPPLY DESERVICE PRESSURE  QUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING  BEFROM WATER METER TO POC 5 FEET FROM BUILDING  URE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METER  REMETER PRESSURE LOSS  COMPREVENTER PRESSURE LOSS  COMPREVENTER PRESSURE LOSS  COMPREVENTER PRESSURE LOSS  COMPRESSURE LOSS (A+B+C+D)  BUILDING WATER SUPPLY  PELENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULIC RUIVALENT PIPE LENGTH FROM POC 5 FEET FROM BUILDING (DAILY SITE SERVICE)  SERVICE PRESSURE AT POC 5 FEET FROM BUILDING (DAILY SITE SERVICE)  SERVICE PRESSURE AT BUILDING  (GRAVITY) HEAD REQUIRED FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULIC SERVICE PRESSURE AT BUILDING  (GRAVITY) HEAD REQUIRED FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULIC SERVICE PRESSURE AT BUILDING  (GRAVITY) HEAD REQUIRED FROM POC 5 FEET FROM BUILDING TO METER SERVICE PRESSURE AT BUILDING	SIGN INFORMATION  NG  R TO POC 5 FEET FROM BU  ROM BUILDING  DESIGN INFORMATION  CALLY REMOTE FIXTURE  ST HYDRAULICALLY REMOTE  PRESSURE - TOTAL SITE LE	ILDING  E FIXTUR  EVEL PRES	E SSURE LOSS)	2" METER 3" BACKFLO	63.0 GPM	117.3 GPM  117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG  3.5 PSIG  2.2 PSIG  12.7 PSIG  330.0 FT  400.0 FT  42.4 PSIG  NA  NA  42.4 PSIG  4.3 PSIG
DAILY SITE FOTAL EQ MAIN SIZE A) PRESSU B) WATER C) BACKFE D) STATIC FOTAL SITE FOTAL EQ DAILY SER PRV MAX PRV ALLO DESIGN SIE E) STATIC F) HOT W	SITE WATER SUPPLY DESERVICE PRESSURE  QUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING  FROM WATER METER TO POC 5 FEET FROM BUILDING  JRE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METER  METER PRESSURE LOSS  LOW PREVENTER PRESSURE LOSS  C (GRAVITY) HEAD REQUIRED FROM WATER METER TO POC 5 FEET FROM EVEL PRESSURE LOSS (A+B+C+D)  BUILDING WATER SUPPLY  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULIC AUIVALENT PIPE LENGTH FROM POC 5 FEET FROM BUILDING (DAILY SITE SERVICE)  IMUM PRESSURE SET POINT  WABLE FALLOFF PRESSURE LOSS  ERVICE PRESSURE AT BUILDING  (GRAVITY) HEAD REQUIRED FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULIC AUIVALENT PIPE SURE SURE LOSS  ERVICE PRESSURE AT BUILDING  (GRAVITY) HEAD REQUIRED FROM POC 5 FEET FROM BUILDING TO MATER MIXING VALVE PRESSURE DROP (IF MOST HYDRAULICALLY REMATER MIXING VALVE PRESSURE DROP (IF MOST HYDRAULICALL	SIGN INFORMATION  NG  R TO POC 5 FEET FROM BU  ROM BUILDING  DESIGN INFORMATION  CALLY REMOTE FIXTURE  ST HYDRAULICALLY REMOTE  PRESSURE - TOTAL SITE LE	ILDING  E FIXTUR  EVEL PRES	E SSURE LOSS)	2" METER 3" BACKFLO 5.0 FT	63.0 GPM	117.3 GPM  117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG  3.5 PSIG  3.5 PSIG  12.7 PSIG  12.7 PSIG  400.0 FT  42.4 PSIG  NA  NA  42.4 PSIG  4.3 PSIG  0.0 PSIG
DAILY SITE FOTAL EQ MAIN SIZE  A) PRESSU B) WATER C) BACKFE C) BACKFE FOTAL SITE FOTAL PIF FOTAL EQ DAILY SER PRV MAX PRV ALLO DESIGN SI E) STATIC F) HOT WE	SITE WATER SUPPLY DESERVICE PRESSURE  QUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING  EFROM WATER METER TO POC 5 FEET FROM BUILDING  URE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METER  REMETER PRESSURE LOSS  LOW PREVENTER PRESSURE LOSS  C (GRAVITY) HEAD REQUIRED FROM WATER METER TO POC 5 FEET FOR BUILDING WATER SUPPLY  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULIC AUIVALENT PIPE LENGTH FROM POC 5 FEET FROM BUILDING (DAILY SITE SERVICE)  IMUM PRESSURE AT POC 5 FEET FROM BUILDING (DAILY SITE SERVICE)  IMUM PRESSURE SET POINT  WABLE FALLOFF PRESSURE LOSS  ERVICE PRESSURE AT BUILDING  (GRAVITY) HEAD REQUIRED FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICALLY RENCESSURE LOSS (E+F)	SIGN INFORMATION  NG  R TO POC 5 FEET FROM BU  ROM BUILDING  DESIGN INFORMATION  CALLY REMOTE FIXTURE  ST HYDRAULICALLY REMOTE  PRESSURE - TOTAL SITE LE	ILDING  E FIXTUR  EVEL PRES	E SSURE LOSS)	2" METER 3" BACKFLO 5.0 FT	63.0 GPM	117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG  3.5 PSIG  2.2 PSIG  12.7 PSIG  400.0 FT  42.4 PSIG  NA  NA  42.4 PSIG  4.3 PSIG  0.0 PSIG  4.3 PSIG
DAILY SITE TOTAL EQ MAIN SIZE A) PRESSU B) WATER C) BACKFE D) STATIC TOTAL SITE TOTAL PIF TOTAL EQ DAILY SER PRV MAX PRV ALLO DESIGN SI E) STATIC F) HOT WE TOTAL PREQUIREE	SITE WATER SUPPLY DESERVICE PRESSURE  QUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING  E FROM WATER METER TO POC 5 FEET FROM BUILDING  JURE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METER  REMETER PRESSURE LOSS  LOW PREVENTER PRESSURE LOSS  LOW PREVENTER PRESSURE LOSS  LOW PREVENTER PRESSURE LOSS  LOW PREVENTER PRESSURE LOSS  LE LEVEL PRESSURE LOSS (A+B+C+D)  BUILDING WATER SUPPLY  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULIC AUIVALENT PIPE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST RAVICE PRESSURE AT POC 5 FEET FROM BUILDING (DAILY SITE SERVICE SIMUM PRESSURE SET POINT  WABLE FALLOFF PRESSURE LOSS  ERVICE PRESSURE AT BUILDING  (GRAVITY) HEAD REQUIRED FROM POC 5 FEET FROM BUILDING TO MATER MIXING VALVE PRESSURE DROP (IF MOST HYDRAULICALLY REMEDIATED FROM POC SET FROM BUILDING TO MATER MIXING VALVE PRESSURE DROP (IF MOST HYDRAULICALLY REMEDIATED FROM POC SET FROM BUILDING TO MATER MIXING VALVE PRESSURE DROP (IF MOST HYDRAULICALLY REMEDIATED FROM POC SET FROM BUILDING TO MATER MIXING VALVE PRESSURE DROP (IF MOST HYDRAULICALLY REMEDIATED FROM POC SET FROM BUILDING TO MATER MIXING VALVE PRESSURE DROP (IF MOST HYDRAULICALLY REMEDIATED FROM POC SET FROM BUILDING TO MATER MIXING VALVE PRESSURE DROP (IF MOST HYDRAULICALLY REMEDIATED FROM POC SET FROM BUILDING TO MATER MIXING VALVE PRESSURE DROP (IF MOST HYDRAULICALLY REMEDIATED FROM POC SET FROM BUILDING TO MATER MIXING VALVE PRESSURE AT FURTHEST UNIT/FIXTURE	SIGN INFORMATION  NG  R TO POC 5 FEET FROM BU  ROM BUILDING  DESIGN INFORMATION  CALLY REMOTE FIXTURE  ST HYDRAULICALLY REMOTE  PRESSURE - TOTAL SITE LE	ILDING  E FIXTUR  EVEL PRES	E SSURE LOSS)	2" METER 3" BACKFLO 5.0 FT	63.0 GPM	117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG  3.5 PSIG  3.5 PSIG  2.2 PSIG  12.7 PSIG  400.0 FT  42.4 PSIG  NA  NA  42.4 PSIG  4.3 PSIG  0.0 PSIG  4.3 PSIG  25.0 PSIG
DAILY SITE TOTAL EQ MAIN SIZE A) PRESSU B) WATER C) BACKFE D) STATIC TOTAL SITE TOTAL SITE TOTAL EQ DAILY SER PRV MAX PRV ALLO DESIGN SI E) STATIC F) HOT WE TOTAL PR REQUIREE AVAILABL	SITE WATER SUPPLY DESERVICE PRESSURE  QUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING  EFROM WATER METER TO POC 5 FEET FROM BUILDING  URE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METER  REMETER PRESSURE LOSS  LOW PREVENTER PRESSURE LOSS  C (GRAVITY) HEAD REQUIRED FROM WATER METER TO POC 5 FEET FOR BUILDING WATER SUPPLY  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULIC AUIVALENT PIPE LENGTH FROM POC 5 FEET FROM BUILDING (DAILY SITE SERVICE)  IMUM PRESSURE AT POC 5 FEET FROM BUILDING (DAILY SITE SERVICE)  IMUM PRESSURE SET POINT  WABLE FALLOFF PRESSURE LOSS  ERVICE PRESSURE AT BUILDING  (GRAVITY) HEAD REQUIRED FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULICALLY RENCESSURE LOSS (E+F)	SIGN INFORMATION  NG  R TO POC 5 FEET FROM BU  ROM BUILDING  DESIGN INFORMATION  CALLY REMOTE FIXTURE  ST HYDRAULICALLY REMOTE  PRESSURE - TOTAL SITE LE	ILDING  E FIXTUR  EVEL PRES	E SSURE LOSS)	2" METER 3" BACKFLO 5.0 FT	63.0 GPM	117.3 GPM  117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG  3.5 PSIG  3.5 PSIG  2.2 PSIG  12.7 PSIG  330.0 FT  400.0 FT  42.4 PSIG  NA  NA  42.4 PSIG  4.3 PSIG  0.0 PSIG  4.3 PSIG  25.0 PSIG  13.1 PSIG
DAILY SITE FOTAL EQ MAIN SIZE A) PRESSU B) WATER C) BACKFE C) BACKFE FOTAL SITE FOTAL PIF FOTAL EQ DAILY SER PRV MAX PRV ALLO DESIGN SI E) STATIC F) HOT WE FOTAL PRE REQUIREE AVAILABLE	E SERVICE PRESSURE  RUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING  FROM WATER METER TO POC 5 FEET FROM BUILDING  JURE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METER  REMETER PRESSURE LOSS  LOW PREVENTER PRESSURE LOSS  C (GRAVITY) HEAD REQUIRED FROM WATER METER TO POC 5 FEET FOTE LEVEL PRESSURE LOSS (A+B+C+D)  BUILDING WATER SUPPLY  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULIC AUIVALENT PIPE LENGTH FROM POC 5 FEET FROM BUILDING (DAILY SITE SERVICE)  IMUM PRESSURE AT POC 5 FEET FROM BUILDING (DAILY SITE SERVICE)  IMUM PRESSURE AT BUILDING  (GRAVITY) HEAD REQUIRED FROM POC 5 FEET FROM BUILDING TO IN ATER MIXING VALVE PRESSURE DROP (IF MOST HYDRAULICALLY RENESSURE LOSS (E+F))  O RESIDUAL PRESSURE AT FURTHEST UNIT/FIXTURE  E PRESSURE FOR PIPING  MAIN NOMINAL PIPE SIZE	SIGN INFORMATION  NG  R TO POC 5 FEET FROM BU  ROM BUILDING  DESIGN INFORMATION  CALLY REMOTE FIXTURE  ST HYDRAULICALLY REMOTE  PRESSURE - TOTAL SITE LE	ILDING  E FIXTUR  EVEL PRES  MOTE FIXT  ATER COM	E SSURE LOSS)	2" METER 3" BACKFLO 5.0 FT	63.0 GPM	117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG  3.5 PSIG  3.5 PSIG  2.2 PSIG  12.7 PSIG  400.0 FT  42.4 PSIG  NA  NA  42.4 PSIG  4.3 PSIG  0.0 PSIG  4.3 PSIG  25.0 PSIG
DAILY SITE FOTAL EQ MAIN SIZE A) PRESSU B) WATER C) BACKFE C) STATIC FOTAL SITE FOTAL EQ DAILY SER PRV MAX PRV ALLO DESIGN SI E) STATIC F) HOT WE REQUIRED AVAILABLE SERVICE ME	E SERVICE PRESSURE  RUIVALENT PIPE LENGTH FROM METER TO POC 5 FEET FROM BUILDING  FROM WATER METER TO POC 5 FEET FROM BUILDING  JURE LOSS FROM PIPING AT DESIGN FLOW RATE FROM WATER METER  REMETER PRESSURE LOSS  LOW PREVENTER PRESSURE LOSS  C (GRAVITY) HEAD REQUIRED FROM WATER METER TO POC 5 FEET FOTE LEVEL PRESSURE LOSS (A+B+C+D)  BUILDING WATER SUPPLY  PE LENGTH FROM POC 5 FEET FROM BUILDING TO MOST HYDRAULIC AUIVALENT PIPE LENGTH FROM POC 5 FEET FROM BUILDING (DAILY SITE SERVICE)  IMUM PRESSURE AT POC 5 FEET FROM BUILDING (DAILY SITE SERVICE)  IMUM PRESSURE AT BUILDING  (GRAVITY) HEAD REQUIRED FROM POC 5 FEET FROM BUILDING TO IN ATER MIXING VALVE PRESSURE DROP (IF MOST HYDRAULICALLY RENESSURE LOSS (E+F))  O RESIDUAL PRESSURE AT FURTHEST UNIT/FIXTURE  E PRESSURE FOR PIPING  MAIN NOMINAL PIPE SIZE	SIGN INFORMATION  NG  R TO POC 5 FEET FROM BU  ROM BUILDING  DESIGN INFORMATION  CALLY REMOTE FIXTURE  ST HYDRAULICALLY REMOTE  PRESSURE - TOTAL SITE LE  MOST HYDRAULICALLY REM  MOTE FIXTURE HAS HOT W	ILDING  E FIXTUR  EVEL PRES  MOTE FIXT  ATER COM	E SSURE LOSS)	2" METER 3" BACKFLO 5.0 FT	<b>W</b>	117.3 GPM  117.3 GPM  55.0 PSIG  275.0 FT  3" IN  3.5 PSIG  3.5 PSIG  3.5 PSIG  2.2 PSIG  12.7 PSIG  330.0 FT  400.0 FT  42.4 PSIG  NA  NA  42.4 PSIG  4.3 PSIG  0.0 PSIG  4.3 PSIG  25.0 PSIG  13.1 PSIG

3. METER PRESSURE LOSS BASED ON X" 'METER TYPE' AT DESIGN FLOW RATE.

4. BACKFLOW PREVENTER PRESSURE LOSS BASED ON X" 'BACKFLOW TYPE' AT DESIGN FLOW RATE.







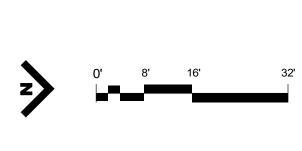


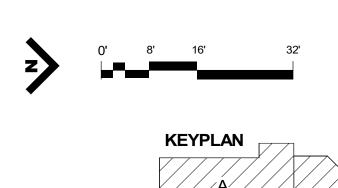
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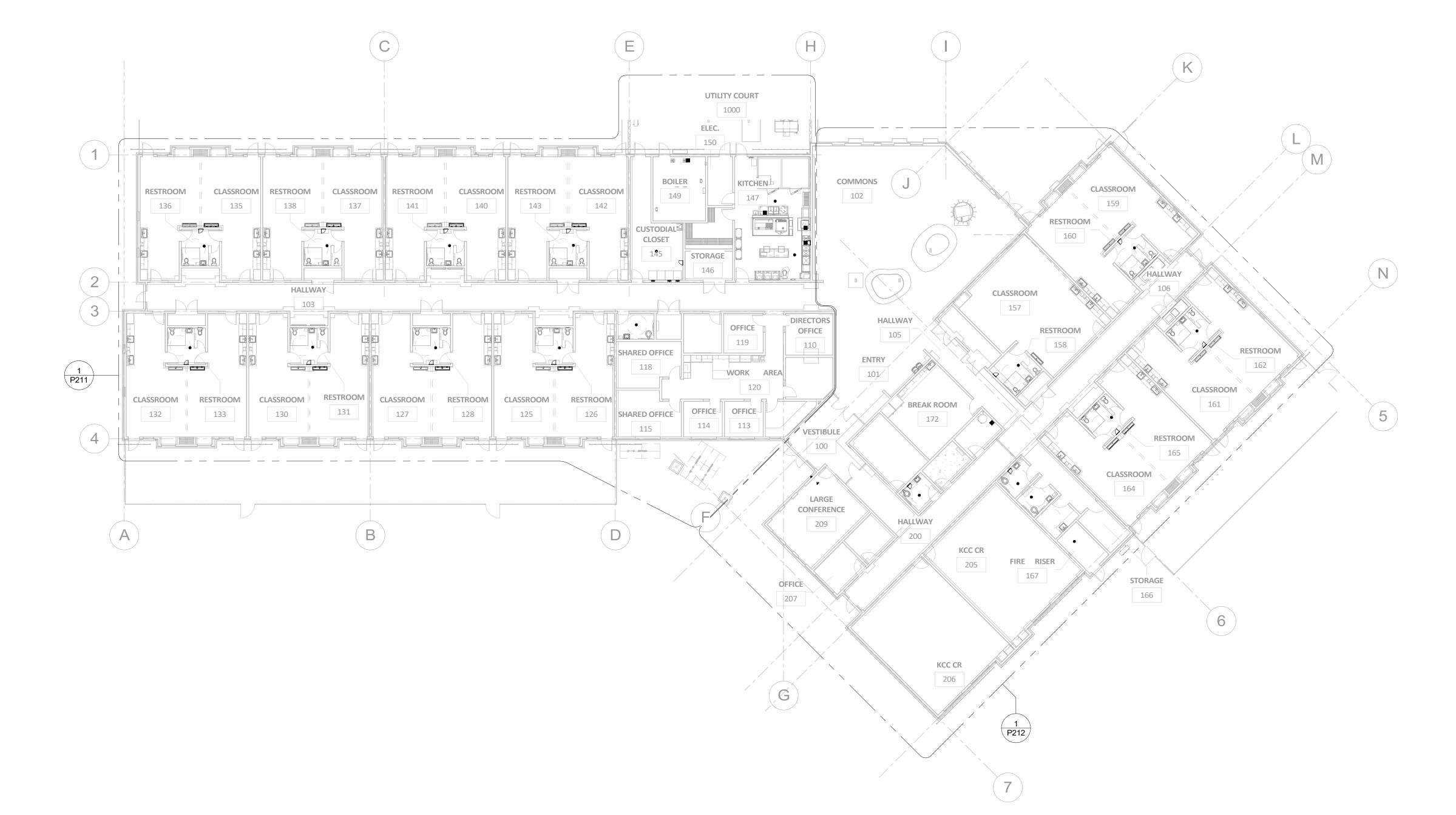
REVISIONS:

# DESCRP. DATE

ISSUE DATE: 08/01/2025







OVERALL SITE PLAN - PLUMBING









SHEET TITLE: **OVERALL SITE** PLAN -**PLUMBING** 

REVISIONS: # DESCRP. DATE

ISSUE DATE: 08/01/2025

ARCHITECTURE







SID AND PERMIT SET

CC CHILDCARE LEARNING

CENTER

ROJECT #: 20230862

SHEET TITLE:
FLOOR PLAN
SECTOR A
WASTE PLUMBING

REVISIONS:

# DESCRP. DATE

ISSUE DATE: 08/01/2025



A. COORDINATE ALL BELOW GRADE PLUMBING ROUTING WITH STRUCTURAL ENGINEER PRIOR TO INSTALLATION.

#### **KEY NOTES**

- 3" DOWNSPOUT, MOUNT 18" ABOVE GRADE.
- SEE CIVIL FOR CONTINUATION
- ROUTE CONDENSATE TO LV-1 TAILPIECE.
- ROUTE CONDENSATE TO S-2 TAILPIECE.
- ROUTE CONDENSATE TO S-1 TAILPIECE.









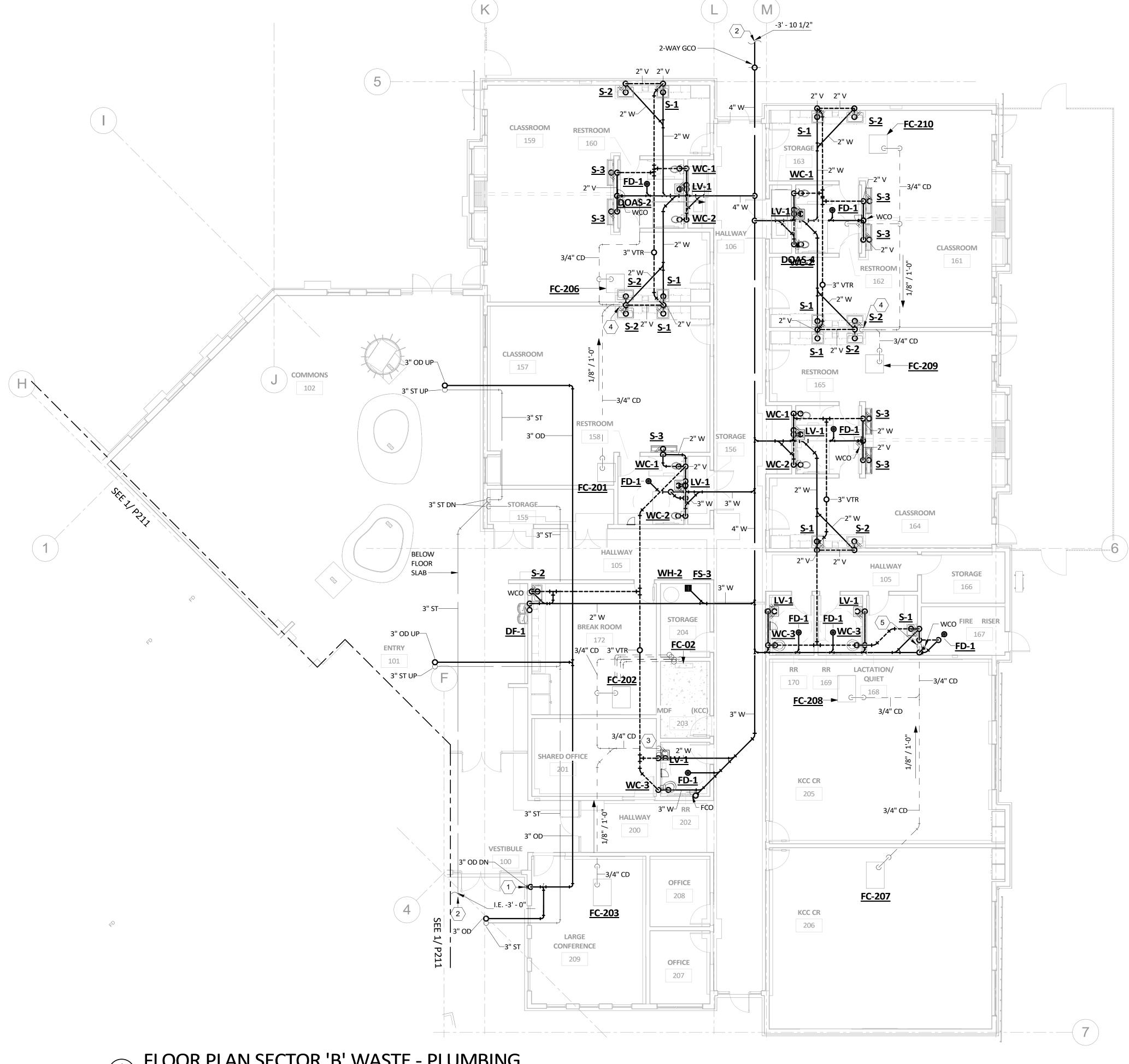
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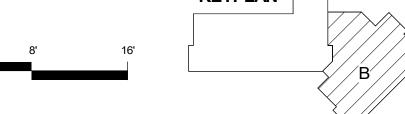
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**PLUMBING** 

# DESCRP. DATE

ISSUE DATE: 08/01/2025





ARCHITECTURE







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SHEET TITLE:

FLOOR PLAN
SECTOR A
WATER PLUMBING

REVISIONS:

# DESCRP. DATE

ISSUE DATE: 08/01/2025

- COORDINATE CROSSING LOCATION WITH MECHANICAL HYDRONIC PIPING AND ARCHITECT PRIOR TO INSTALLATION.
- 2. PROVIDE HEAT TRACE ON ALL HW AND CW LINES WITHIN EXTERIOR WALLS.







SHEET TITLE: **FLOOR PLAN SECTOR B** WATER -**PLUMBING** 

REVISIONS:

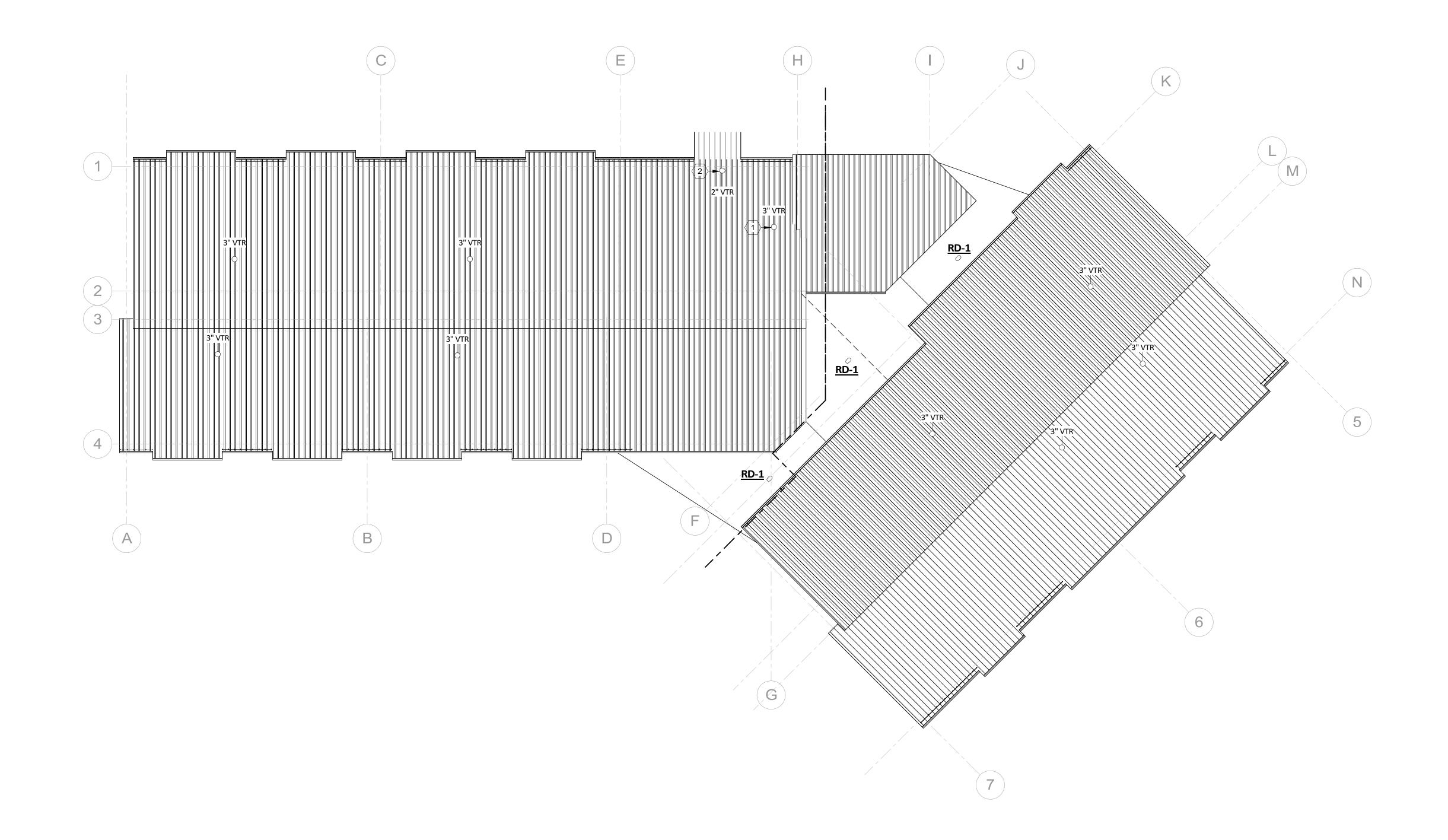
# DESCRP. DATE

ISSUE DATE: 08/01/2025



ISSUE DATE: 08/01/2025

P231

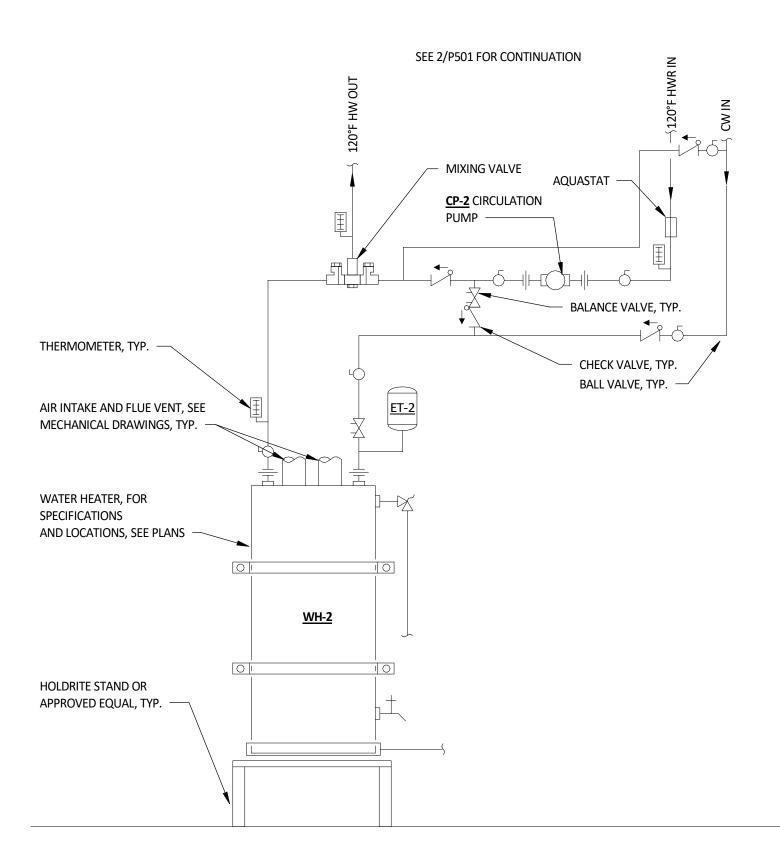


ROOF - PLUMBING

31 1/16" = 1'-0"

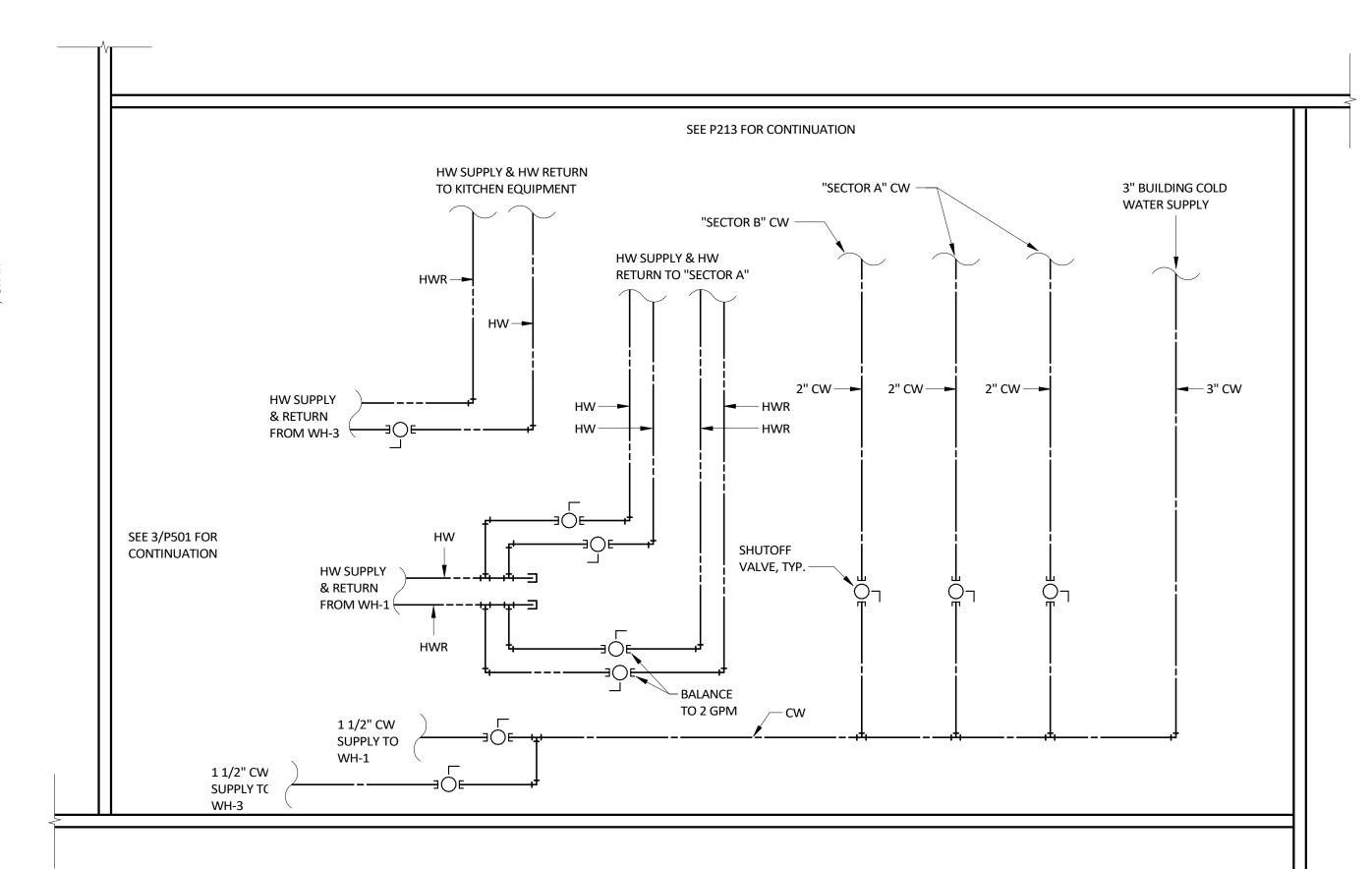
SEE 1/P501 FOR CONTINUATION

# WATER HEATER 1 & 3 SCHEMATIC P501 NTS

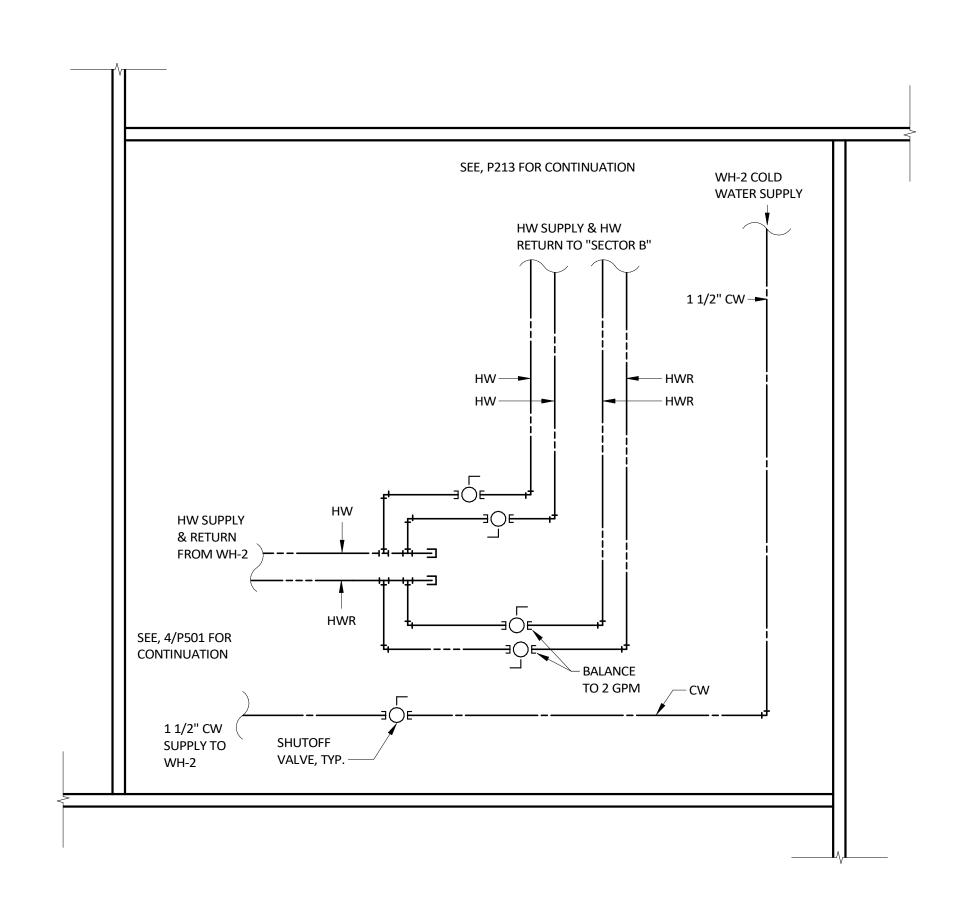


WATER HEATER 2 SCHEMATIC

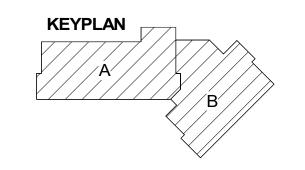
NTS



# CUSTODIAL CLOSET 145 PIPING DETAIL NTS

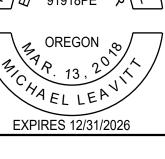






ARCHITECTURE







SID AND PERMIT SET

CC CHILDCARE LEARNING

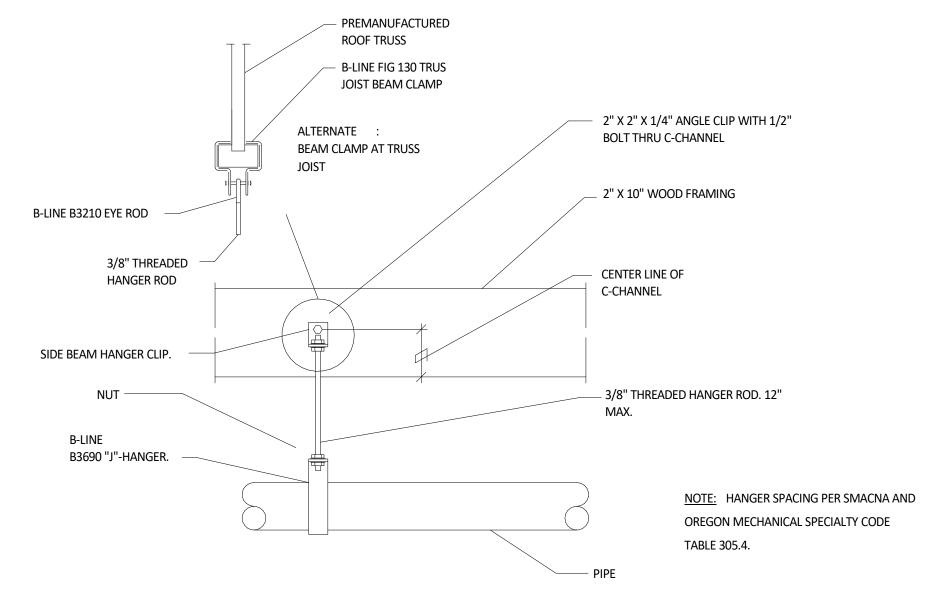
CENTER

PROJECT #, 20230862

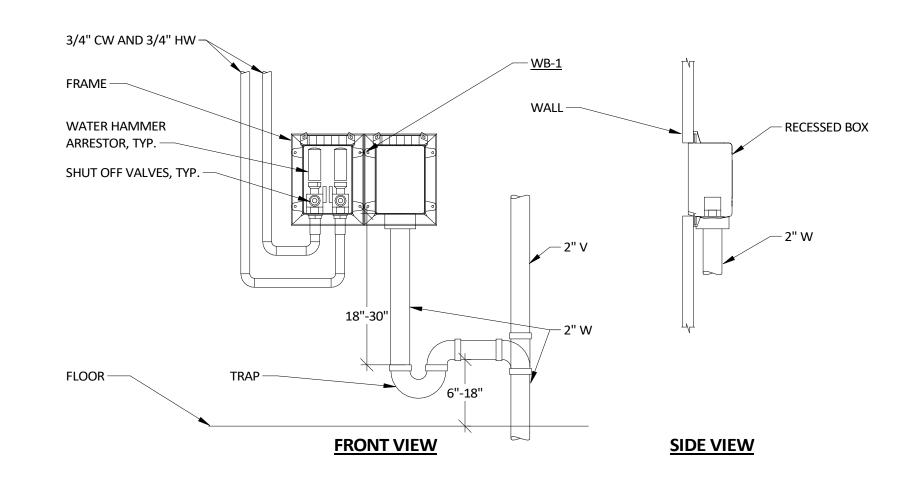
SHEET TITLE:
PLUMBING
SCHEMATIC
DIAGRAMS

REVISIONS: # DESCRP. DATE

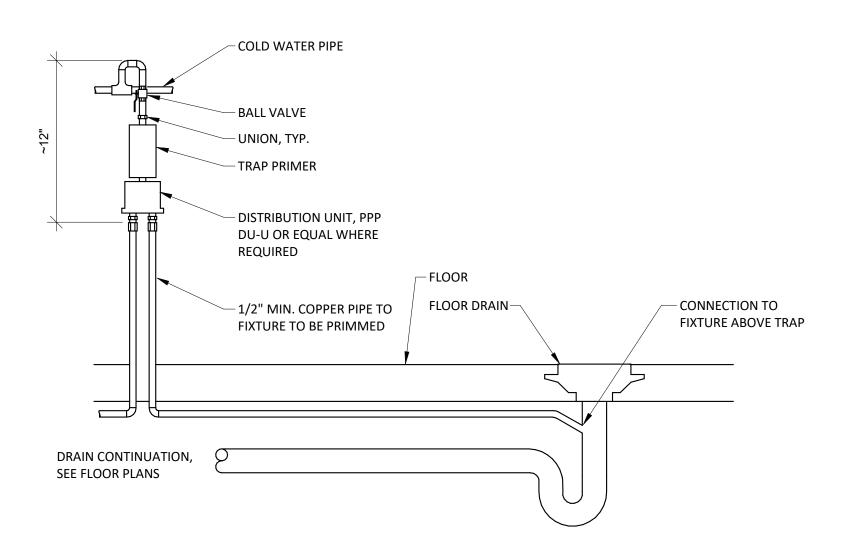
ISSUE DATE: 08/01/2025



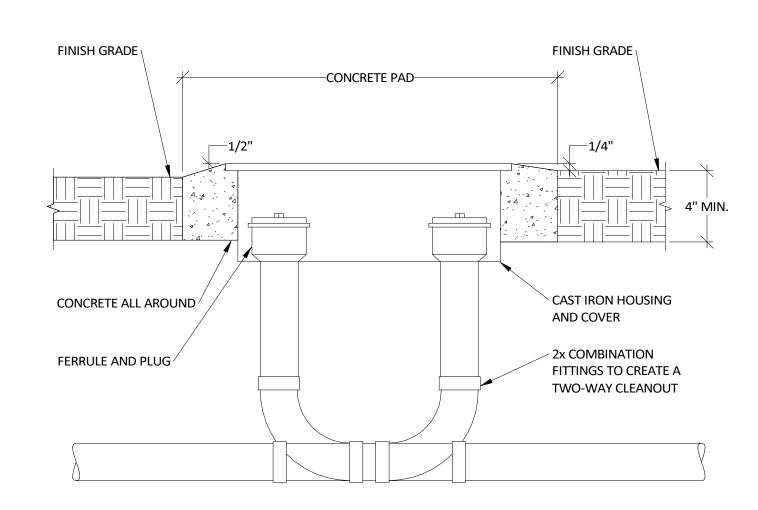
### PIPE HANGER DETAIL NTS



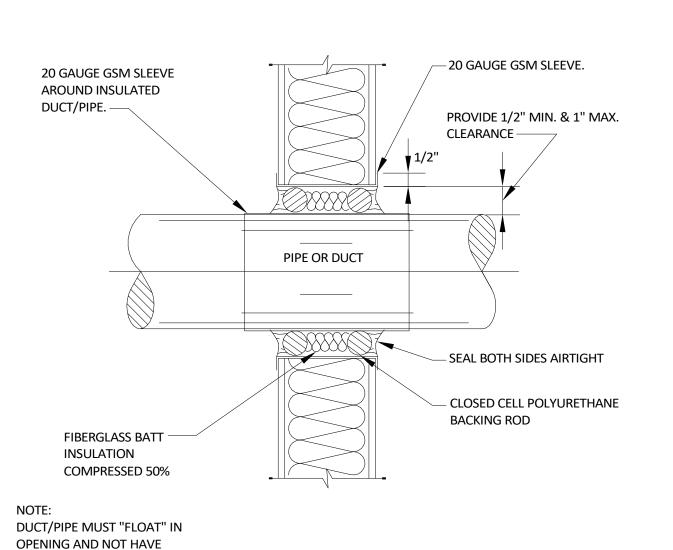
# WASHING MACHINE CONNECTION NTS





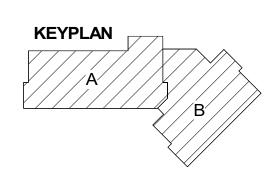






PIPE THROUGH NON RATED PARTITION
NTS

CONTACT WITH PARTITION











SHEET TITLE: **DETAILS** 

REVISIONS:

# DESCRP. DATE

ISSUE DATE: 08/01/2025