

LEGEND

---	S or W	SOIL OR WASTE PIPING
---	V	VENT PIPING
---	CW	COLD WATER SUPPLY PIPING
---	HW	HOT WATER SUPPLY PIPING
---	HWR	HOT WATER RETURN PIPING
---	G	GAS PIPING
---	CV	GATE VALVE
---	CV	CHECK VALVE
---	BV	BALL VALVE
---	HB	HOSE BIBB
---	WH	WALL HYDRANT
---	CO	CLEANOUT TO FLOOR
---	FD	FLOOR DRAIN
---	COTS	CLEANOUT TO GRADE
---	UNION	UNION
---	VTR	VENT THRU ROOF
---	1	SHEET NOTE
---	POINT OF CONNECTION TO EXISTING	
---	MR	MOP RECEPTOR
---	WC	WATER CLOSET
---	TP	TRAP PRIMER
---	EW	ELECTRIC WATER HEATER
---	WHA	WATER HAMMER ARRESTOR TYPE A
---	WHB	WATER HAMMER ARRESTOR TYPE B
---	WHC	WATER HAMMER ARRESTOR TYPE C
---	L	LAVATORY
---	KW	KILOWATT
---	TVC	TEMPERATURE CONTROL VALVE
---	WV	WET VENT
---	CP	CIRCULATOR PUMP
---	HD	2" HUB DRAIN WITH FLEXIBLE TRAP SEAL BY MIFAB OR EQUAL ABOVE CEILING UNLESS NOTED
---	MV	MIXING VALVE
---	EW	ELECTRIC WATER COOLER
---	UB	UTILITY BOX
---	SK	SINK

PLUMBING FIXTURE SCHEDULE

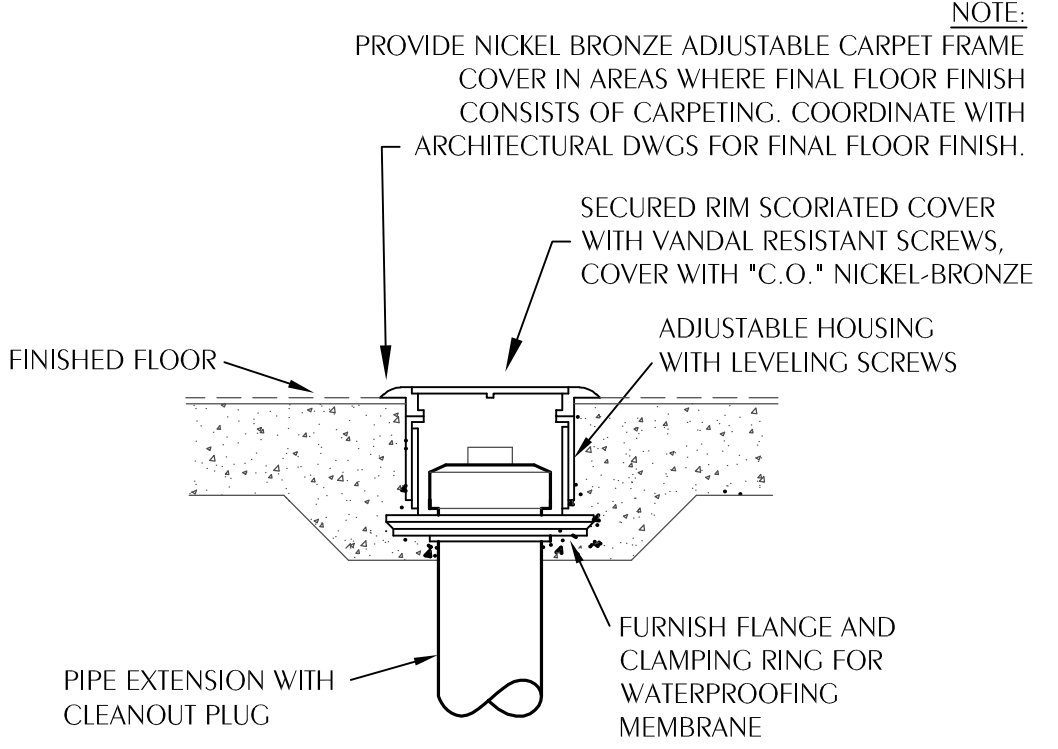
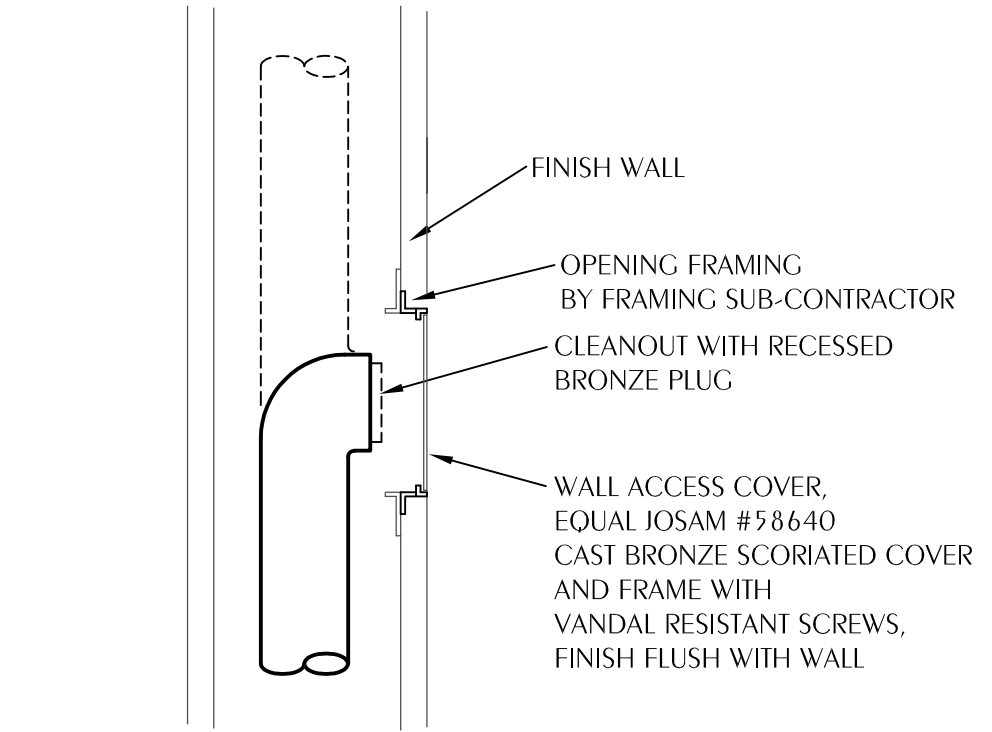
MARK	FIXTURE	FIXTURE CONNECTIONS		
		CW	HW	W
WC-1	WATER CLOSET	1	-	3
WC-2	WATER CLOSET	1	-	3
L-1	LAVATORY	3/8	3/8	1-1/4
L-2	LAVATORY	3/8	3/8	1-1/4
MR-1	MOP RECEPTOR	3/8	3/8	3
SK-1	SINK	3/8	3/8	1-1/4
SK-2	SINK	3/8	3/8	1-1/4
SK-3	SINK	3/8	3/8	1-1/4
SK-4	SINK	3/8	3/8	1-1/4
SK-5	SINK	3/8	3/8	1-1/4
GWH-1	GAS WATER HEATER	1	1	-
CP-1	CIRCULATOR PUMP (INLINE)	-	1/2	-
TCV-1	TEMPERATURE CONTROL VALVE	-	1/2	-
FD	FLOOR DRAIN	1/2	-	3
EW-1	ELECTRIC WATER COOLER (BI LEVEL/ BOTTLE STATION)	1/2	-	1-1/2
FS-1	FLOOR SINK	-	-	3
UB-1	RECESSED UTILITY BOX (ICE)	1/2	-	-
UB-2	RECESSED UTILITY BOX (WASHER)	3/4	3/4	2
SH-1	SHOWER (HANDICAP)	1/2	1/2	-
EW-1	EMERGENCY WASH	1/2	1/2	1-1/4
EW-2	EMERGENCY WASH	1/2	1/2	1-1/4
MV-1	MIXING VALVE (THERMOSTATIC)	3/8	3/8	-

1. WATER SUPPLY TAPPING TO EACH PLUMBING FIXTURE SHALL BE FULL SIZE (MINIMUM).
2. SEE ELECTRICAL DWGS FOR FINAL POWER REQUIREMENTS.
3. PROVIDE WATER HAMMER ARRESTERS ON HOT & COLD WATER SUPPLY BRANCHES SERVING SINGULAR, MULTIPLE OR GROUPS OF PLUMBING FIXTURES. ADHERENCE TO THE PLUMBING AND DRAINAGE INSTITUTE STANDARD P.D.I.-WH201 (PER SPECIFICATIONS) SHALL BE EMPLOYED IN DETERMINING PROPER SIZE, SELECTION, PLACEMENT, LOCATION AND INSTALLATION OF ARRESTERS.

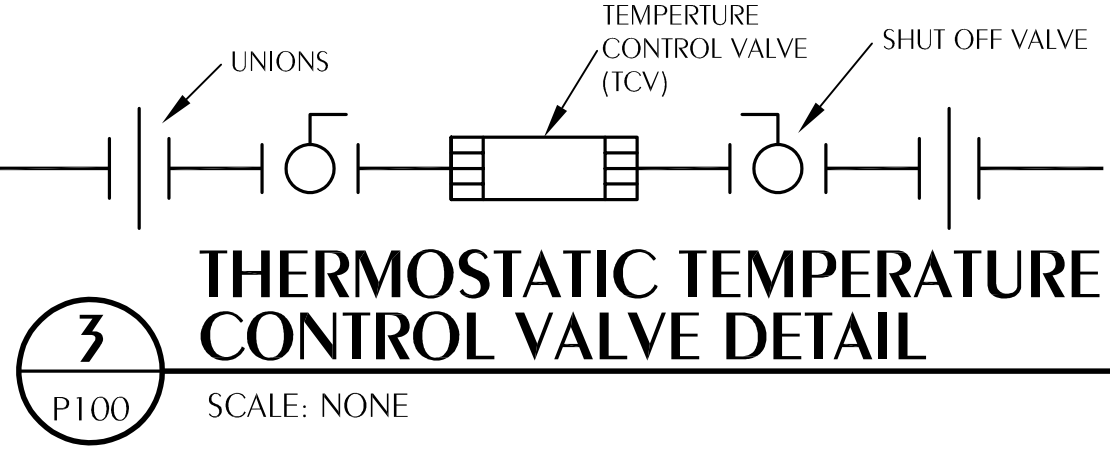
GENERAL NOTES

1. COORDINATE ALL PIPING WITH DUCTWORK SHOP DRAWINGS AND EXISTING CONDITIONS. ROUTE PIPING AS REQUIRED TO AVOID CONFLICTS.
2. PRIOR TO START OF ANY WORK, COORDINATE SANITARY SEWER AND POTABLE WATER PIPING WITH CIVIL DRAWINGS.
3. FIELD VERIFY PIPE INVERTS PRIOR TO LAYING OUT SANITARY SEWER PIPING.
4. ALL PIPING PASSING THROUGH ANY WALL SHALL HAVE A SLEEVE PER SPECIFICATIONS.
5. ALL PIPING PASSING THROUGH FIRE-RATED WALLS SHALL HAVE A FIRE-RATED SLEEVE PER SPECIFICATIONS. ALL PIPING PENETRATIONS THROUGH WALLS OR FLOORS SHALL BE SEALED TO EQUAL THE RATING OF THE WALLS OR FLOORS.
6. ALL PIPING INDICATED IS ABOVE THE CEILING EXCEPT THE OBVIOUS SANITARY SOIL, WASTE, VENT AND POTABLE WATER PIPING BELOW FLOOR OR GRADE.
7. SEE TOILET ROOM ELEVATIONS ON ARCHITECTURAL DRAWINGS FOR PLUMBING FIXTURE MOUNTING HEIGHT.
8. COORDINATE EXACT LOCATION OF ALL EXTERIOR WALL HYDRANTS WITH ARCHITECTURAL DRAWINGS.
9. UNDER SLAB SOIL, WASTE AND VENT PIPING PASSING TO UNDERSIDE OR THROUGH FOUNDATION FOOTING, WALL OR GRADE BEAM SHALL BE PROVIDED WITH A RELIEVING ARCH OR PIPE SLEEVE 2 (TWO) PIPE SIZES GREATER THAN PIPE SIZE INDICATED ON PLANS. COORDINATE FINAL PIPE ROUTING AND LAYOUT WITH STRUCTURAL DRAWINGS.
10. PRIOR TO SUBSTANTIAL COMPLETION OF NEW AND ALTERED WORK AREAS, CONTRACTOR SHALL HAVE SANITARY PLUMBING SYSTEM CLEARED OF DEBRIS OR ANY MATTER THAT WOULD INTERFERE OR PREVENT ADEQUATE CONVEYANCE OF MATERIALS FROM MOVING THROUGH AND TERMINATING INTO BUILDING OR PUBLIC DISPOSAL FACILITIES.
11. ALL (VTR'S) VENT THRU ROOF PENETRATIONS INDICATED ON PLANS ARE PRELIMINARY. FINAL LOCATIONS SHALL BE COORDINATED WITH ALL TRADES. ALL VTR'S SHALL BE A MINIMUM OF 10'-0" FROM ALL FRESH AIR INTAKE OPENINGS.
12. ALL TRAP PRIMERS AND DOMESTIC WATER ISOLATION VALVES SHALL BE ACCESSIBLE. TRAP PRIMERS LOCATED IN THE VICINITY OF WATER CLOSETS SHALL BE ACTIVATED BY WATER CLOSET USAGE. ISOLATION VALVES SHALL BE OF THE QUARTER TURN BALL OR GATE TYPE.
13. CONTRACTOR SHALL DEVELOP AND SUBMIT COORDINATION SHOP DRAWINGS WHICH IDENTIFY ROUTING OF PLUMBING PIPE AND LOCATION OF EQUIPMENT. SHOP DRAWINGS SHALL INDICATE COORDINATION WITH THE WORK OF OTHER TRADES.
14. ALL WORK SHALL COMPLY WITH THE 2020 FLORIDA BUILDING CODE.

1 CLEANOUT TO WALL
SCALE: NONE

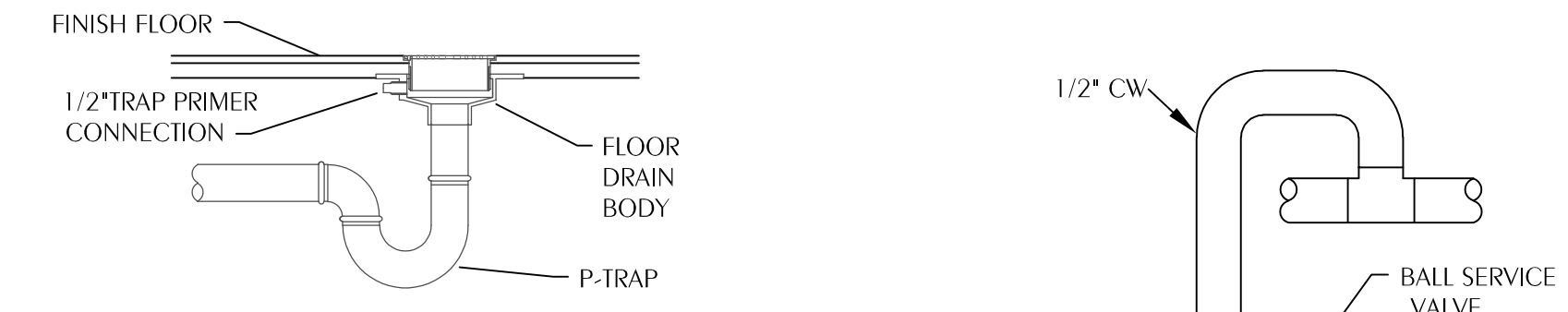


2 CLEANOUT TO FLOOR
SCALE: NONE

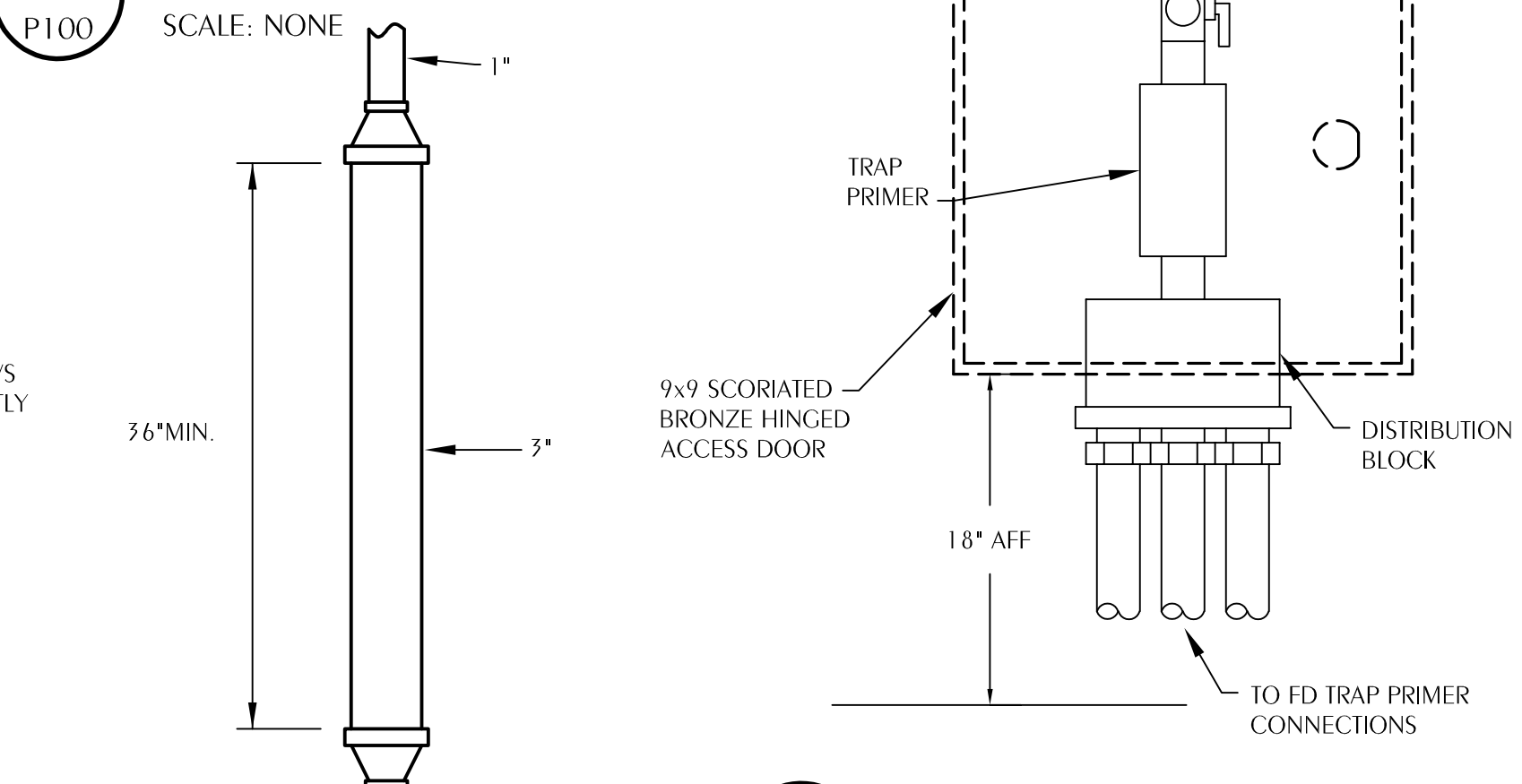


3 THERMOSTATIC TEMPERATURE CONTROL VALVE DETAIL
SCALE: NONE

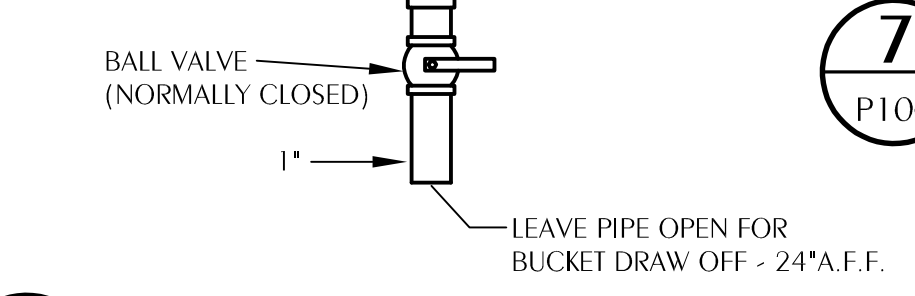
4 FLOOR DRAIN WITH TRAP PRIMER DETAIL
SCALE: NONE



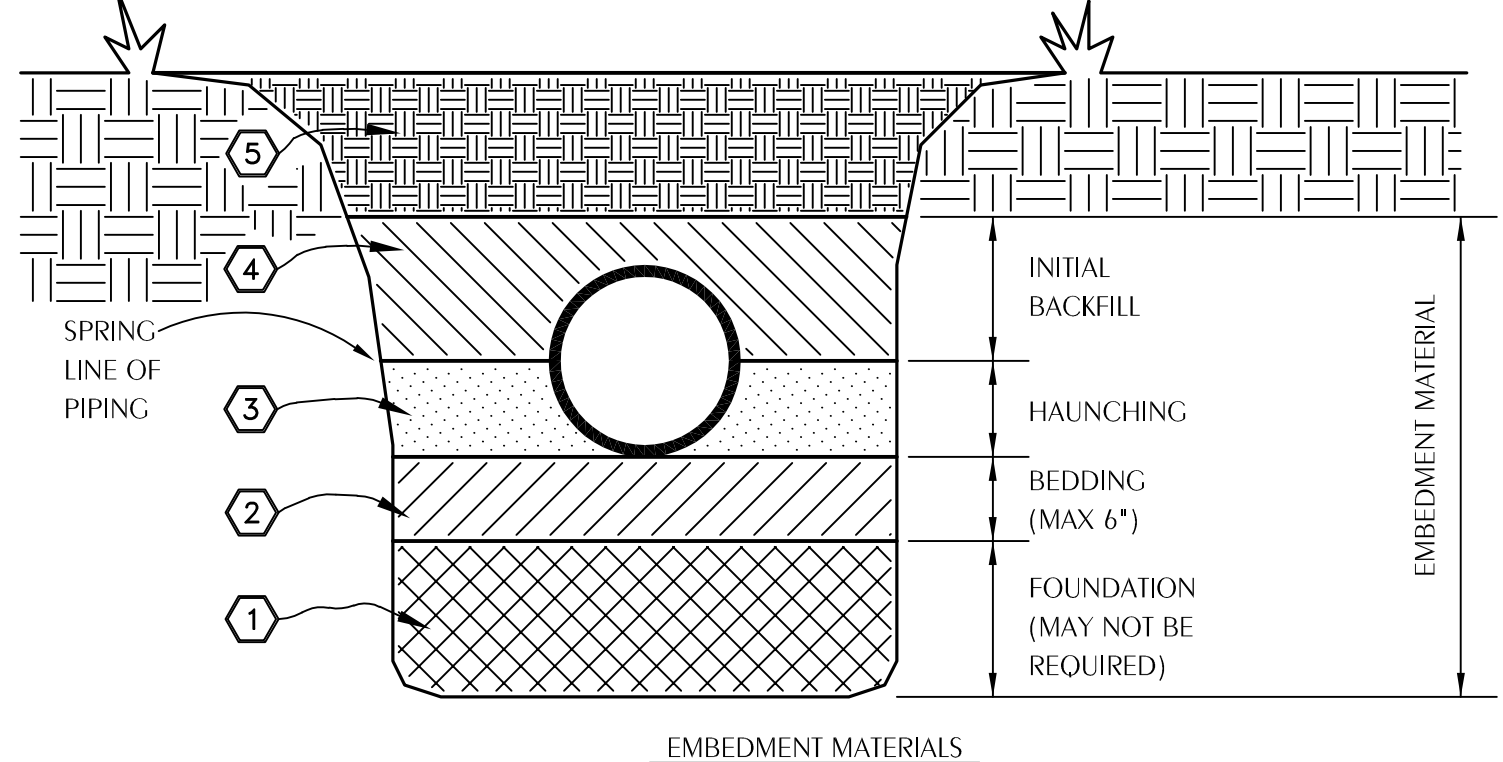
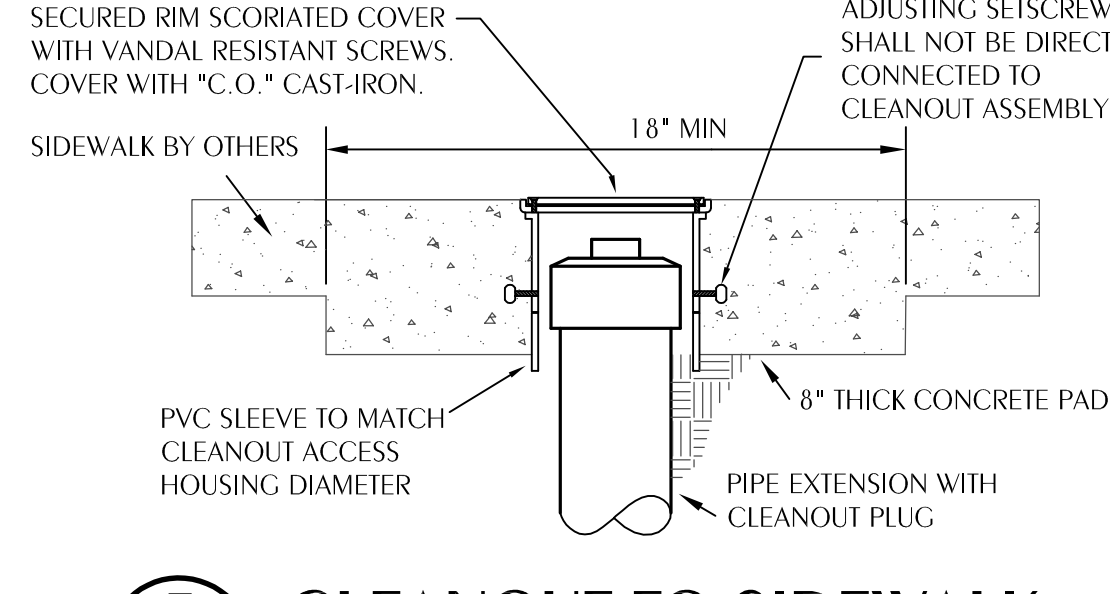
7 TRAP PRIMER DETAIL
SCALE: NONE



6 LOW POINT DRAIN DETAIL
SCALE: NONE



5 CLEANOUT TO SIDEWALK
SCALE: NONE



- CLASS I: ANGULAR, 1/4"-1-1/2", GRADED STONE, INCLUDING A NUMBER OF FILL MATERIALS THAT HAVE REGIONAL SIGNIFICANCE SUCH AS CORAL, SLAG, CINDERS, CRUSHED STONE AND CRUSHED SHELLS.
- CLASS II: COARSE SANDS AND GRAVELS WITH MAXIMUM PARTICLE SIZE OF 1-1/2" INCLUDING VARIOUS GRADED SANDS AND GRAVELS CONTAINING SMALL PERCENTAGES OF FINES, GENERALLY GRANULAR AND NON-COHESIVE, EITHER WET OR DRY. SOIL TYPES CW, CP, SW, AND SP ARE INCLUDED IN THIS CLASS.
- CLASS III: FINE SAND AND CLAY GRAVELS, INCLUDING FINE SANDS, SAND-CLAY MIXTURES AND GRAVEL-CLAY MIXTURES. SOIL TYPES CM, GC, SM, AND SC ARE INCLUDED IN THIS CLASS.
- CLASS IV: SILT, SILTY CLAYS, AND CLAYS, INCLUDING INORGANIC CLAYS AND SILT OF MEDIUM TO HIGH PLASTICITY AND LIQUID LIMITS. SOIL TYPES MH, ML, CH, AND CL ARE INCLUDED IN THIS CLASS. THESE MATERIALS ARE NOT TO BE USED FOR BEDDING, HAUNCHING, OR INITIAL BACKFILL.
- CLASS V: THIS CLASS INCLUDES THE ORGANIC SOILS, AS WELL AS SOILS CONTAINING FROZEN EARTH, DEBRIS, ROCKS LARGER THAN 1-1/2" IN DIAMETER AND OTHER FOREIGN MATERIALS. THESE MATERIALS ARE NOT TO BE USED FOR BEDDING, HAUNCHING, OR INITIAL BACKFILL.

8 EXCAVATION AND BACKFILL DETAIL
SCALE: NONE

Professional Engineer Seal for Keith A. Johnson, License No. 86457, State of Florida. Also includes logo for Watford Engineering, Inc., 4462 Clinton Street, Marietta, Florida 32046, and contact information.

South Walton County Mosquito Control District
New Headquarters Building

PERMIT SET

No.	Description	Date

PLUMBING LEGEND, SCHEDULE, NOTES, AND DETAILS

Project number: 18106
Date: 06-20-2023
PIC: KAJ
PM: KAJ

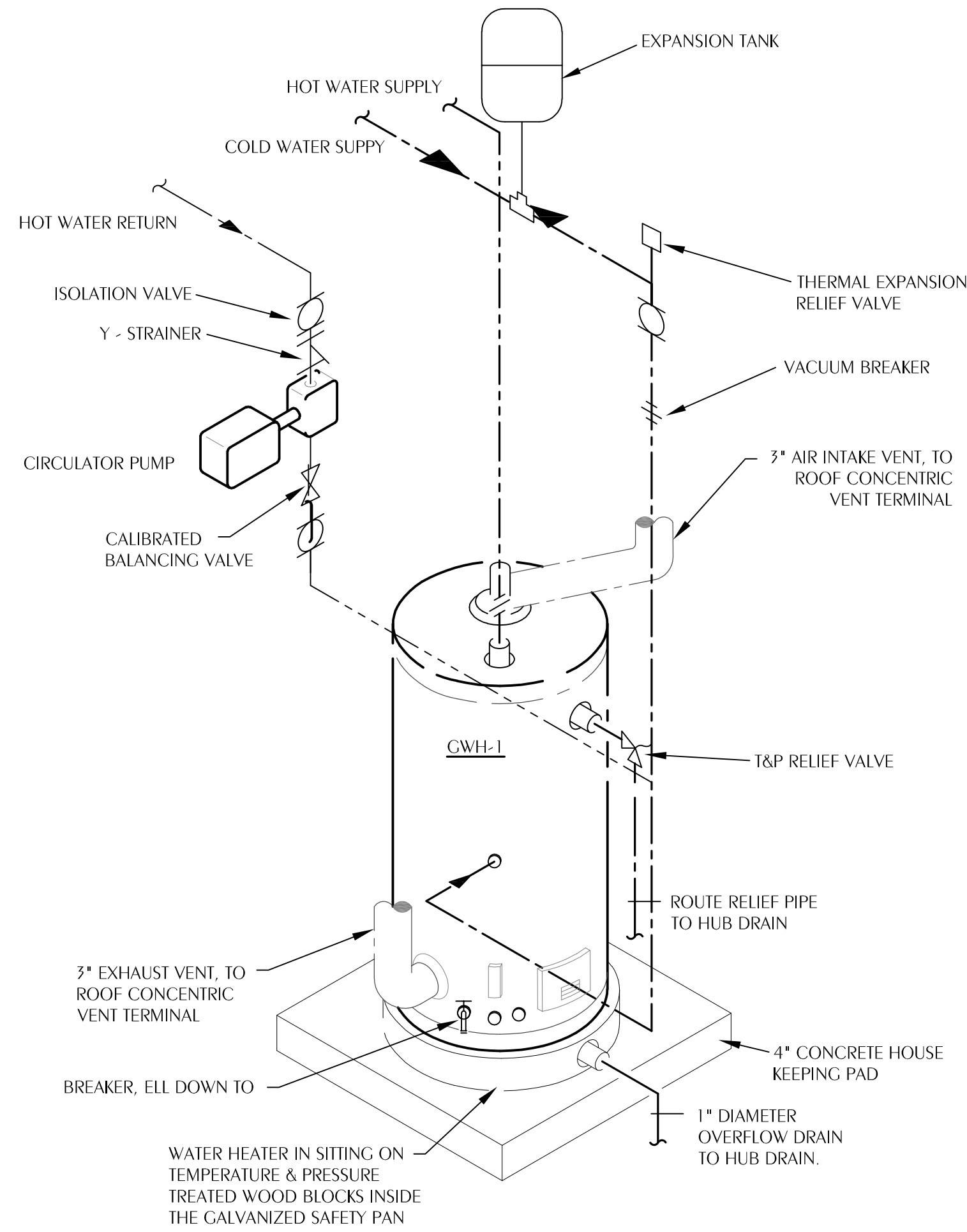
P100

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1223 Airport Road Deslin, Florida 32541
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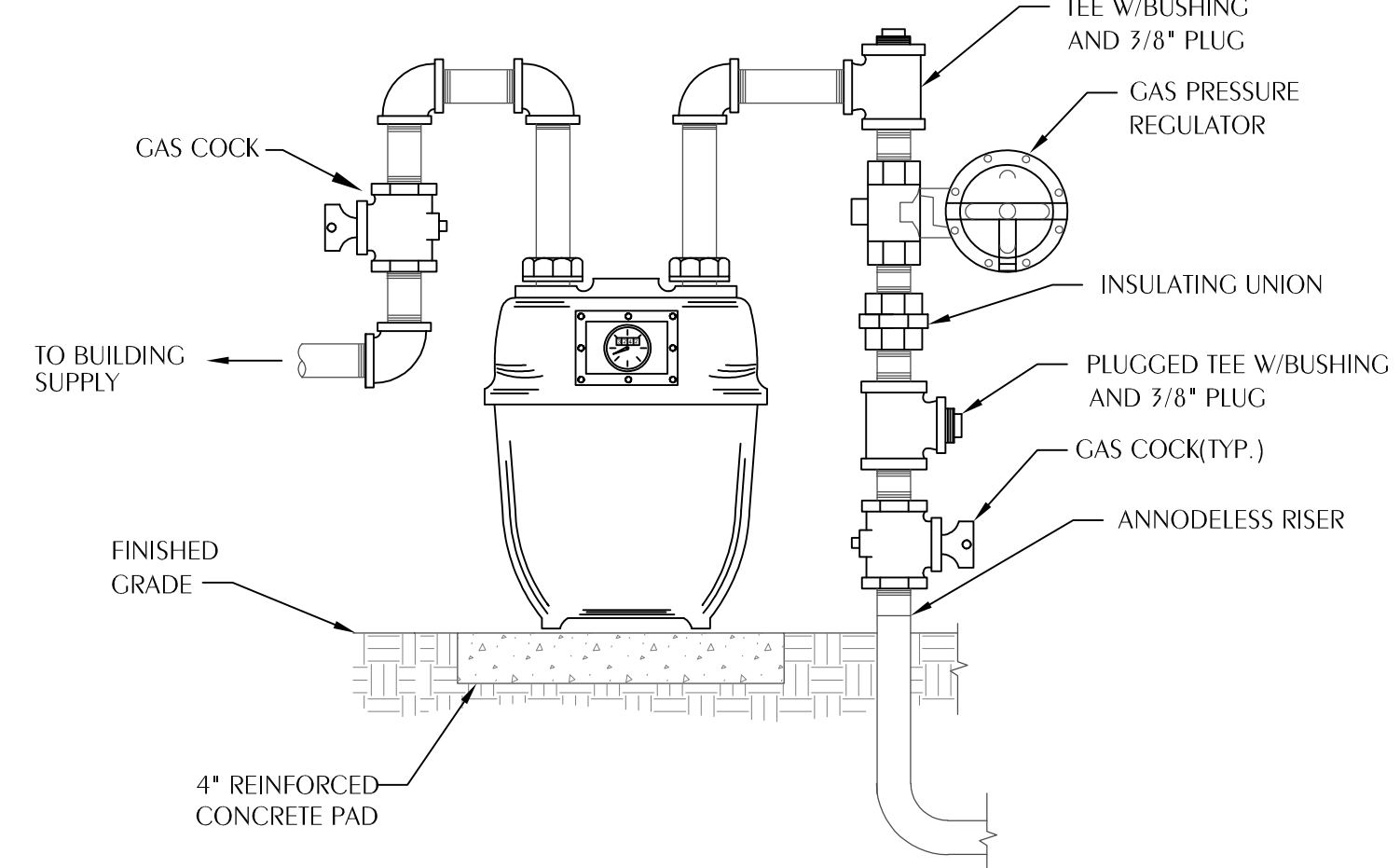
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Santa Rosa Beach, Florida 32459

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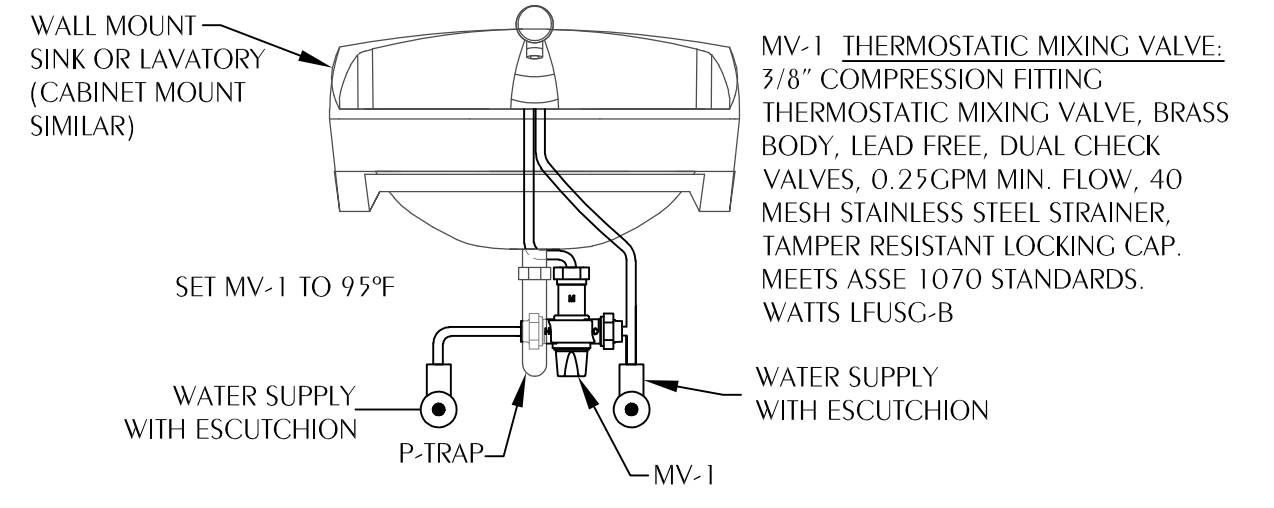
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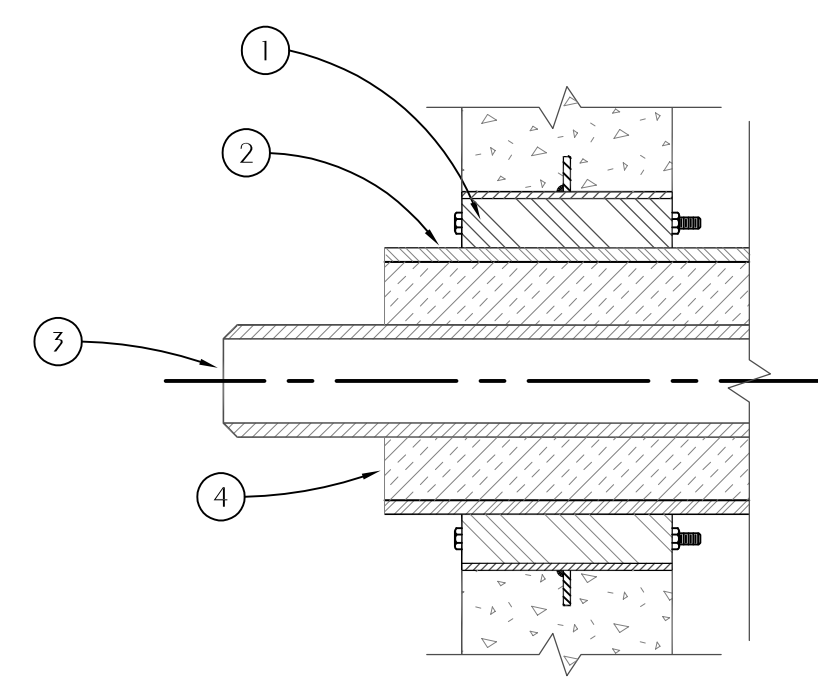
1 GAS FIRED WATER HEATER MANIFOLD SCHEMATIC
 P101 SCALE: NONE



2 TYPICAL GAS METER DETAIL
 P101 SCALE: NONE

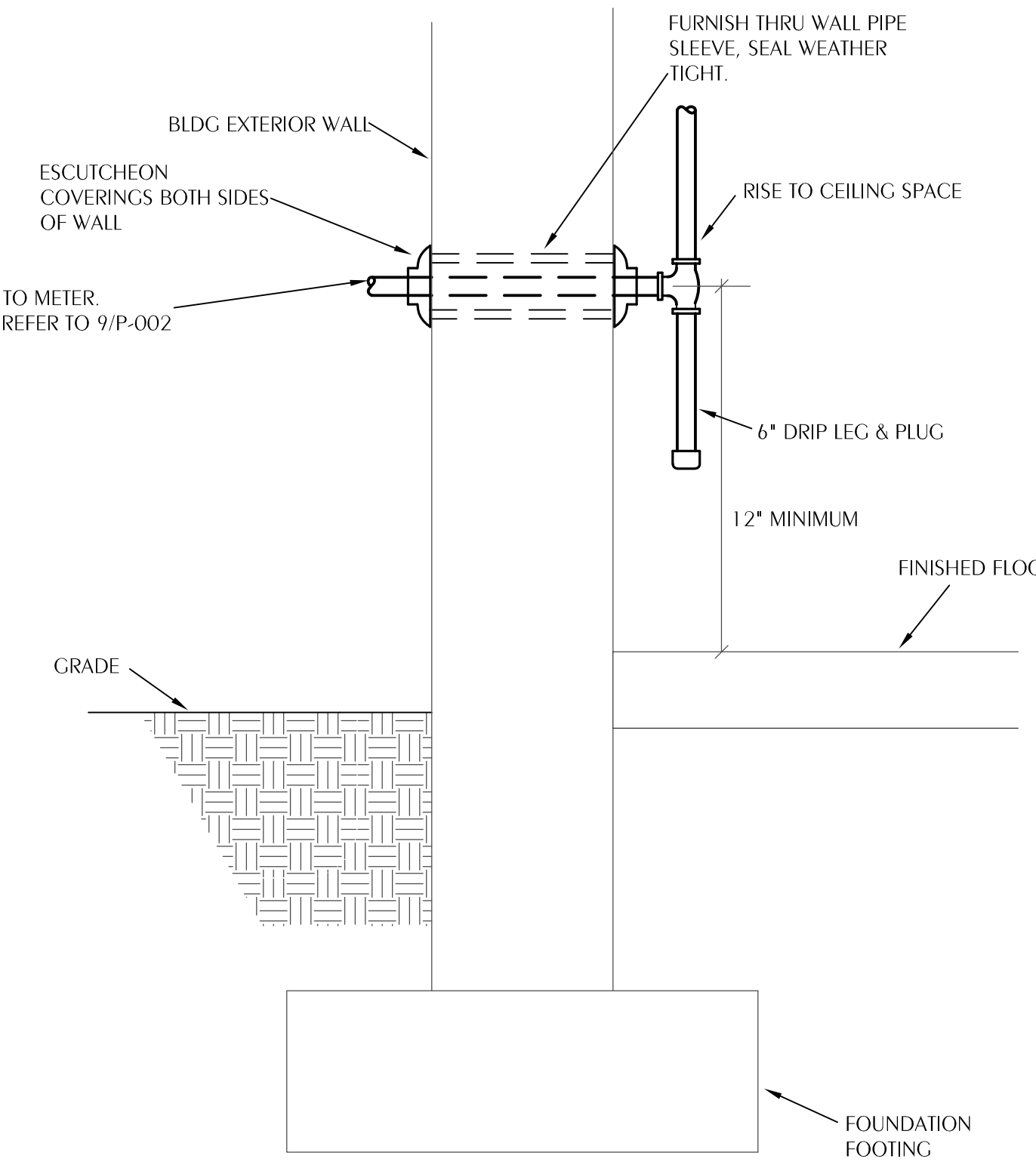


3 LAV/SINK MIXING VALVE DETAIL
 P101 SCALE: NONE
 NOTE: MIXING VALVE WILL BE TYPICAL FOR L-1, L-2, SK-1, SK-2, SK-3, SK-4, & SK-5

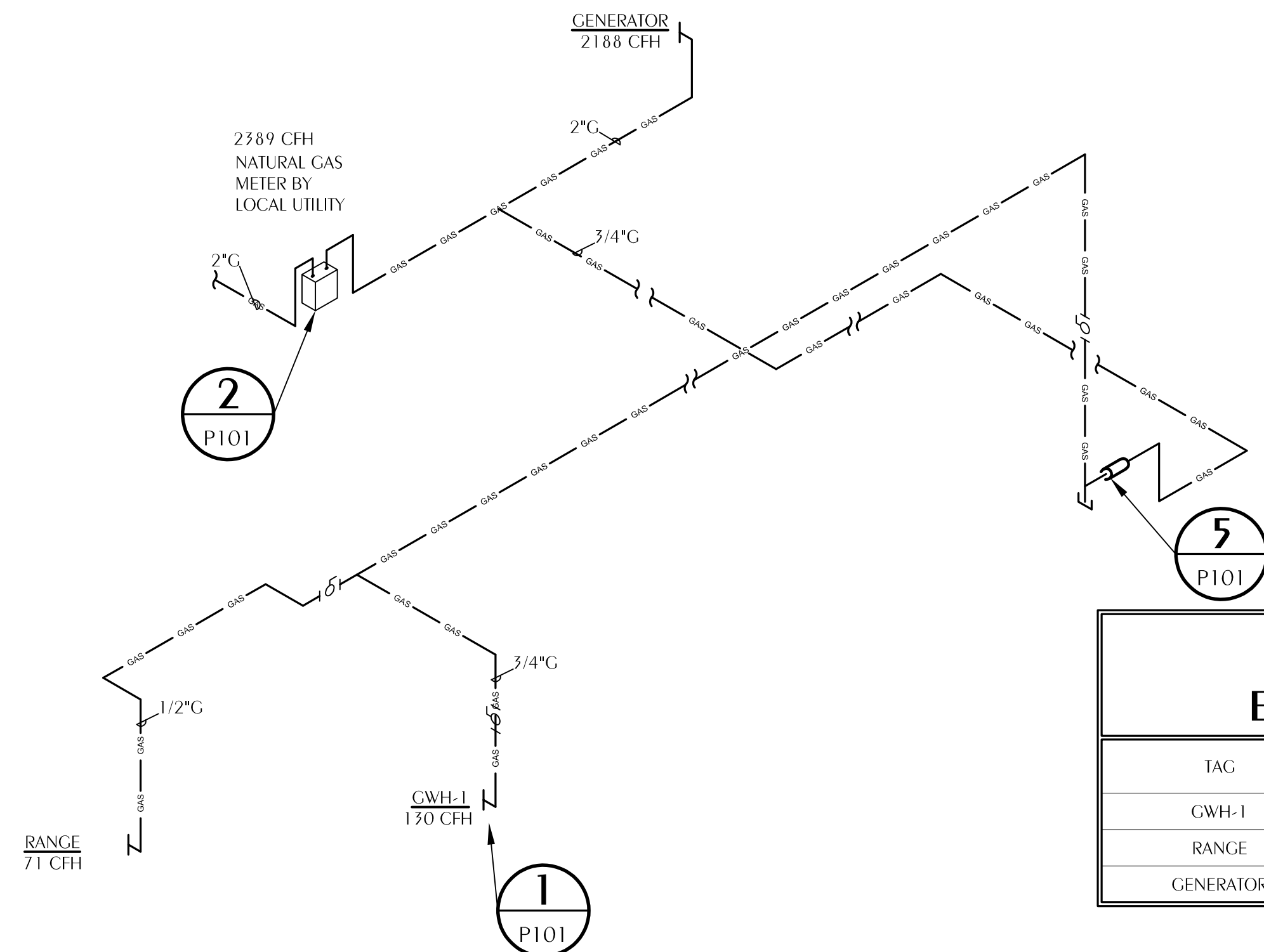


- 1 WALL SEAL APPURTENANCES PER SPECIFICATIONS
- 2 PIPE SLEEVE PER SPECIFICATIONS
- 3 PIPING
- 4 INSULATION

4 TYPICAL PIPE PENETRATION OF WALL
 P101 SCALE: NONE



5 TYPICAL GAS SERVICE ENTRANCE @ BLDG. EXTERIOR
 P101 SCALE: NONE



6 NATURAL GAS RISER DIAGRAM
 P101 SCALE: NONE

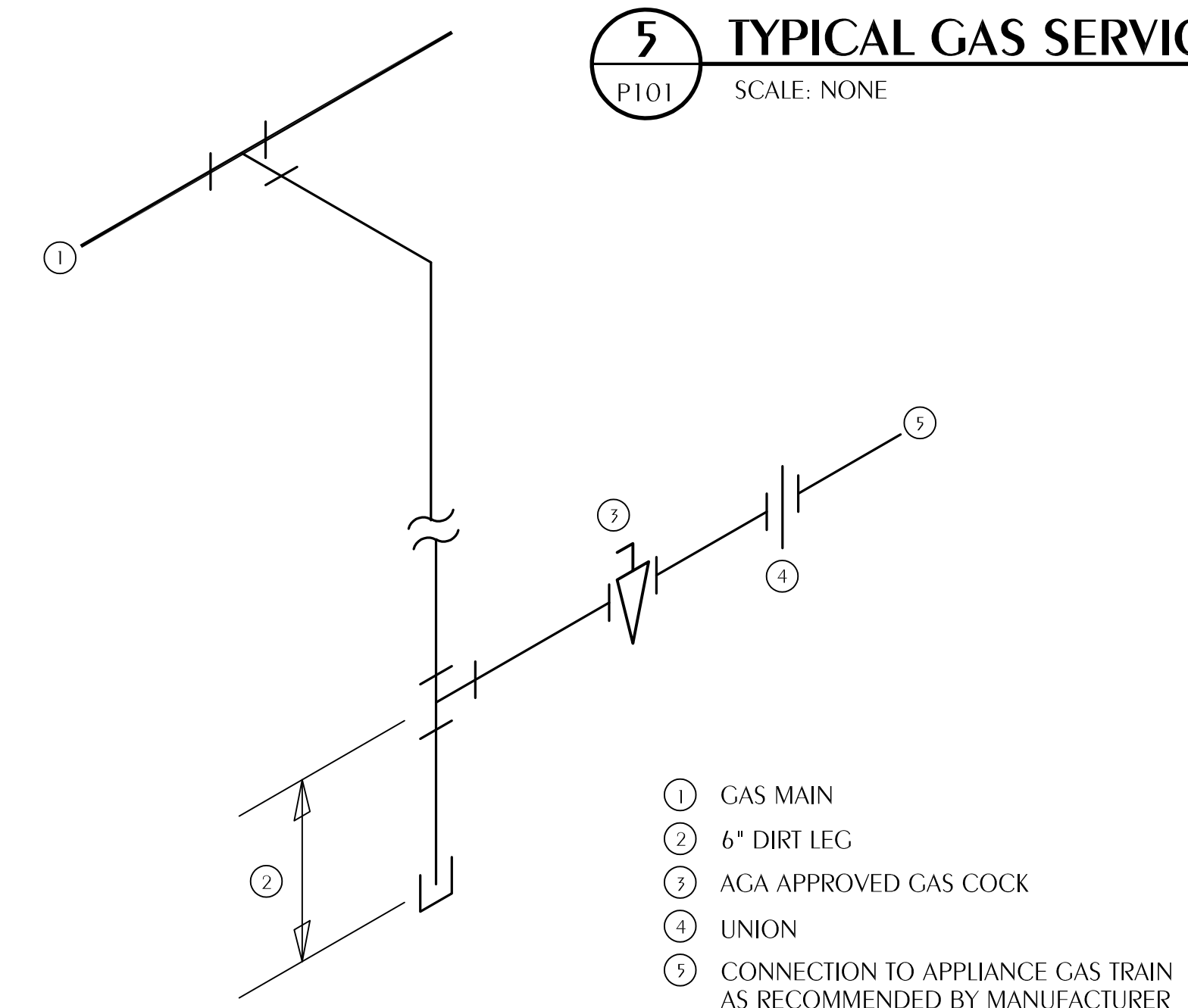
GENERAL NOTES

1. COORDINATE GAS SERVICE AND METERING WITH GAS UTILITY. CONTRACTOR SHALL PAY ALL FEES AND INSTALLATION COST FOR SERVICE TO THE BUILDING.
2. COORDINATE FINAL CONNECTION SIZE AND LOCATION WITH EQUIPMENT SUPPLIED.

NOTES
 SIZES BASED ON A UNDILUTED PROPANE GAS SYSTEM, INLET PRESSURE OF 2 PSI, PRESSURE DROP OF 6.0 INCH W.C., AND A SPECIFIC GRAVITY OF 0.60.
 MBH = THOUSANDS OF BTU/HR

GAS FIRED EQUIP. SCHEDULE

TAG	INPUT (BTUH)	CONNECTION SIZE	INLET PRESSURE RANGE IN. WC
CWH-1	130,000	1	3.5" - 10.5"
RANGE	71,000	1/2"	6" - 13"
GENERATOR	2,188,000	2"	7" - 11"



7 TYPICAL GAS PIPING CONNECTION DETAIL
 P101 SCALE: NONE

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 Project Number: 2020-025
 Checked By: KAJ
 Drawn By: TJC
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South Walton County Mosquito Control District
 New Headquarters Building

774 North County Highway 393
 Santa Rosa Beach, Florida 32459

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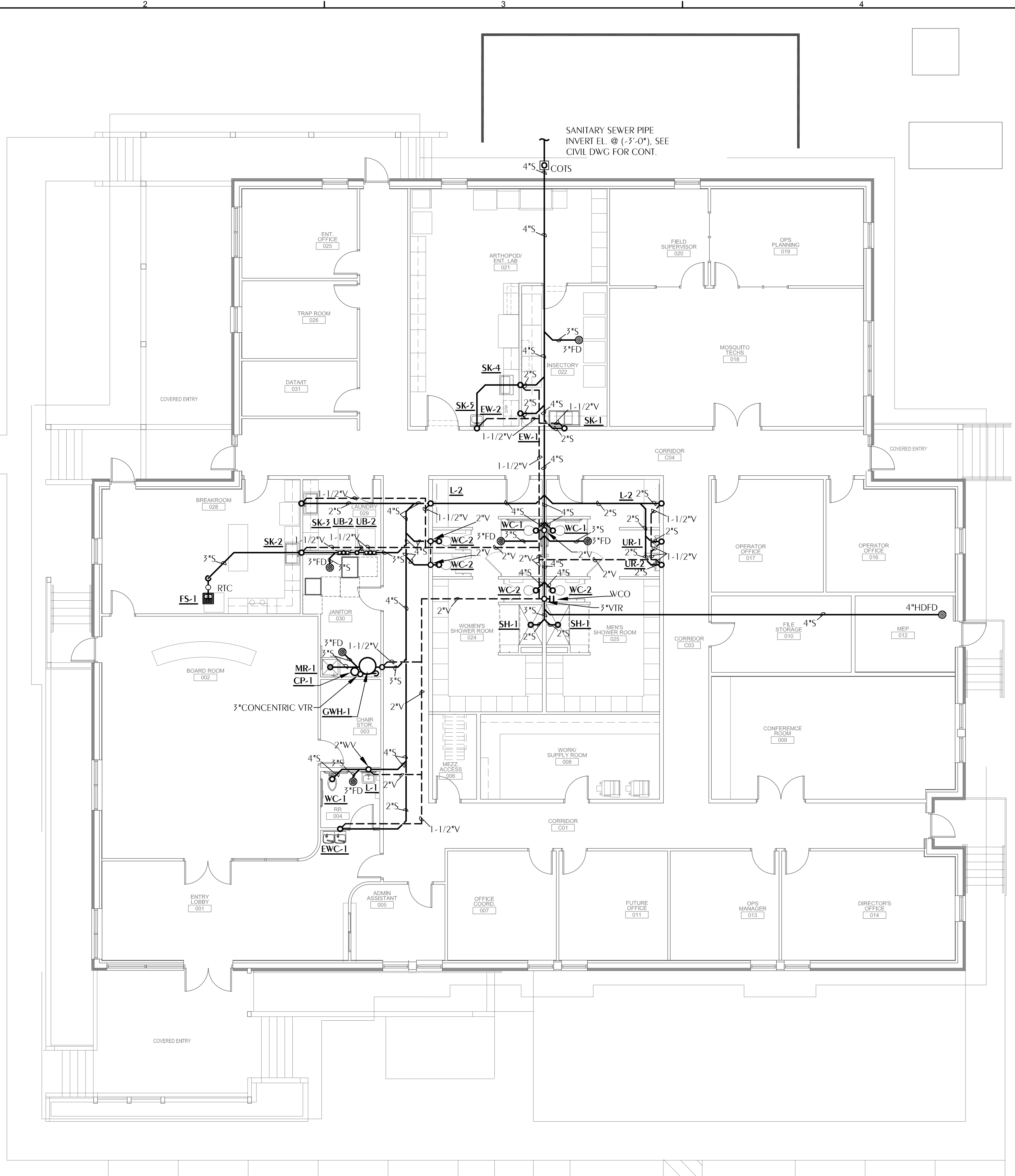
No.	Description	Date

PLUMBING DETAILS

Project number: 18106
 Date: 06-20-2023
 PIC: KAJ
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P101

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No.	Description	Date

PLUMBING
SANITARY PLAN

REFERENCE:
 FINISHED FLOOR ELEVATION = 0'-0"

PLUMBING SANITARY PLAN
 SCALE: 1/8" = 1'-0"

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 Checked By: KAJ
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Project number: 18106
 Date: 06-20-2023
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P200

SANITARY SEWER PIPE
INVERT EL. @ (-3'-0").
SEE CIVIL DWG. FOR
CONT.



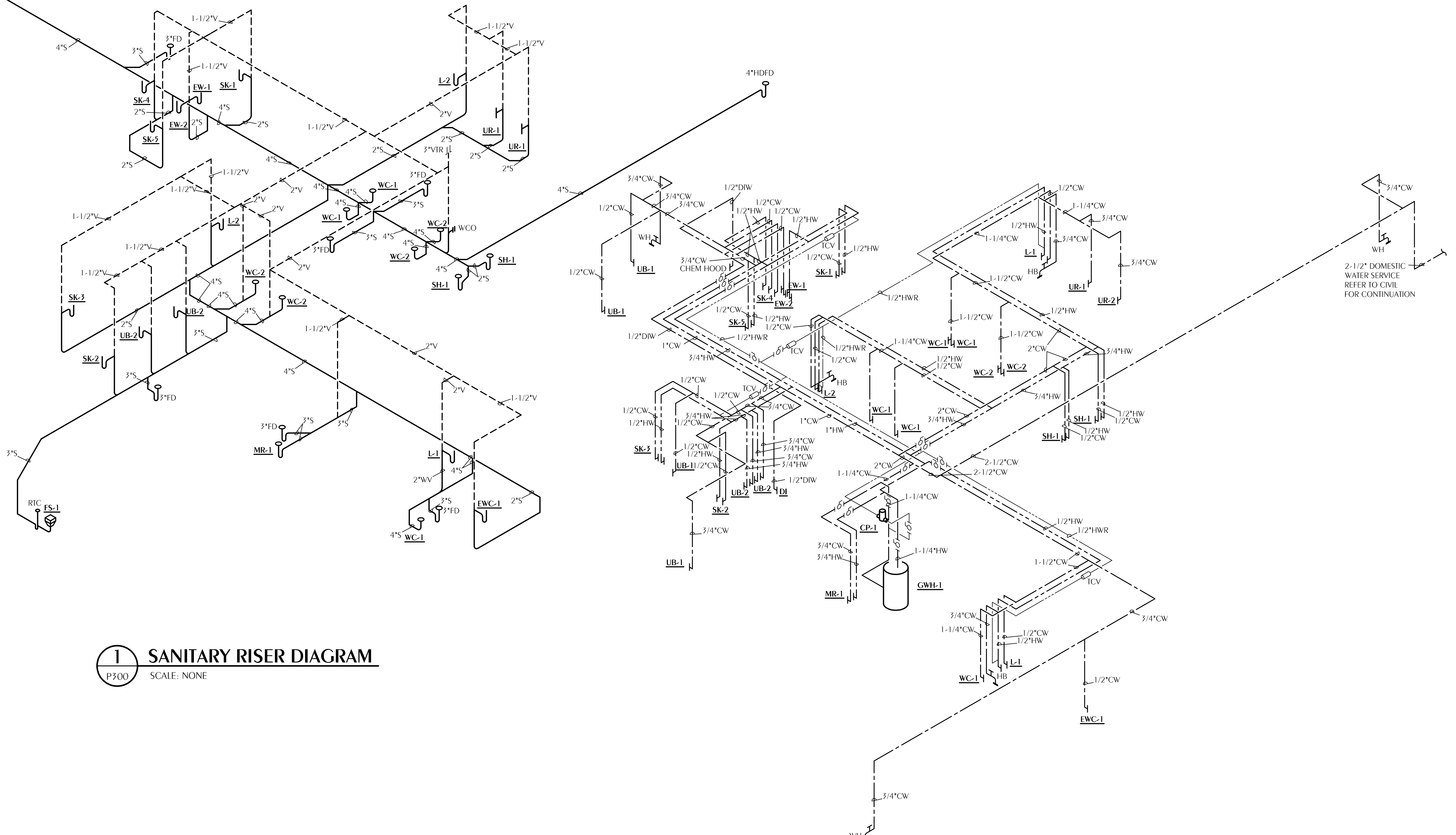
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**South Walton County Mosquito Control District
New Headquarters Building**

774 North County Highway 393
Santa Rosa Beach, Florida 32459



1 SANITARY RISER DIAGRAM
P300 SCALE: NONE

2 DOMESTIC WATER RISER DIAGRAM
P300 SCALE: NONE

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PERMIT SET

No.	Description	Date

PLUMBING RISER DIAGRAMS

Project number: 18106
 Date: 06-20-2023
 PIC: KAJ
 PM: KAJ

P300