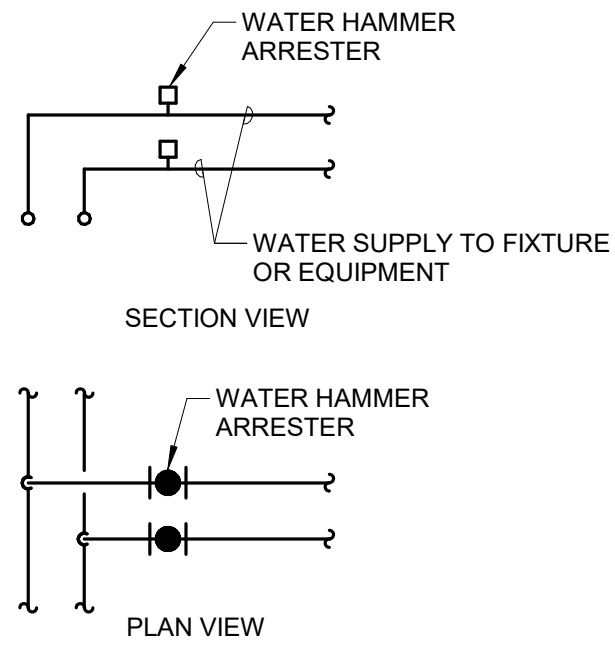


PROVIDE WATER HAMMER ARRESTER (WHA-#) AT PLUMBING FIXTURES AND QUICK CLOSING VALVES AS INDICATED ON DRAWINGS AND AS RECOMMENDED BY STANDARD PDI-WH201. REFER TO PLUMBING MATERIAL LIST FOR WATER HAMMER ARRESTER DESCRIPTION.

SINGLE / DOUBLE FIXTURE

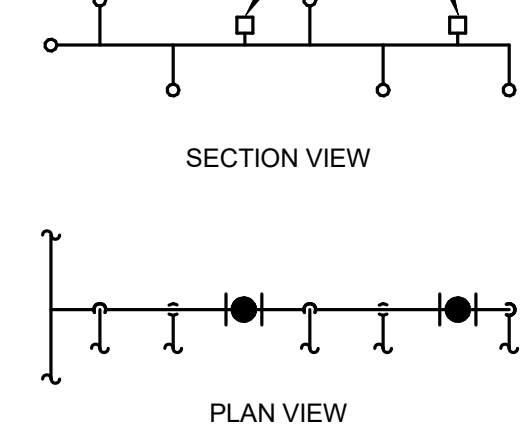


PDI SIZE	PIPE SIZE	FIXTURE UNIT LOAD
A	1/2"	1-11
B	3/4"	12-32
C	1"	33-60
D	1-1/4"	61-113
E	1-1/2"	114-154
F	2"	155-330

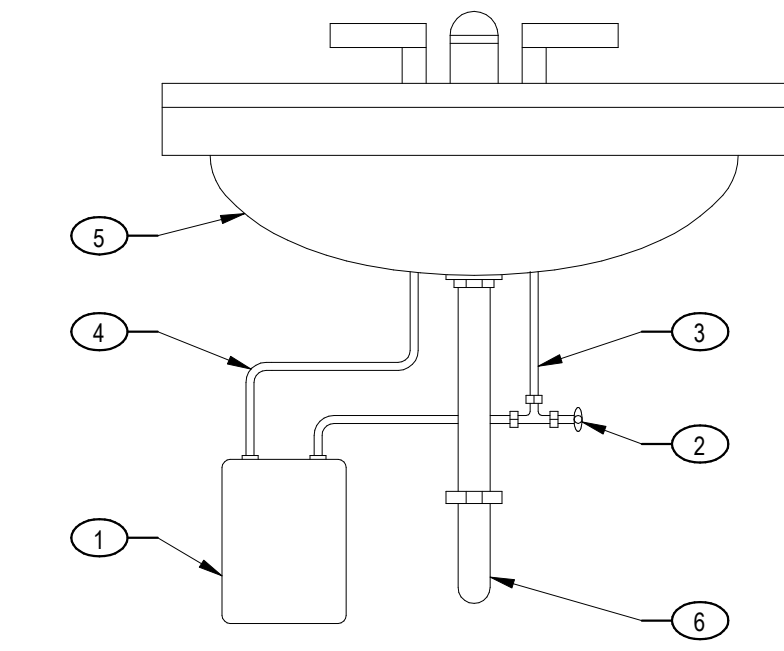
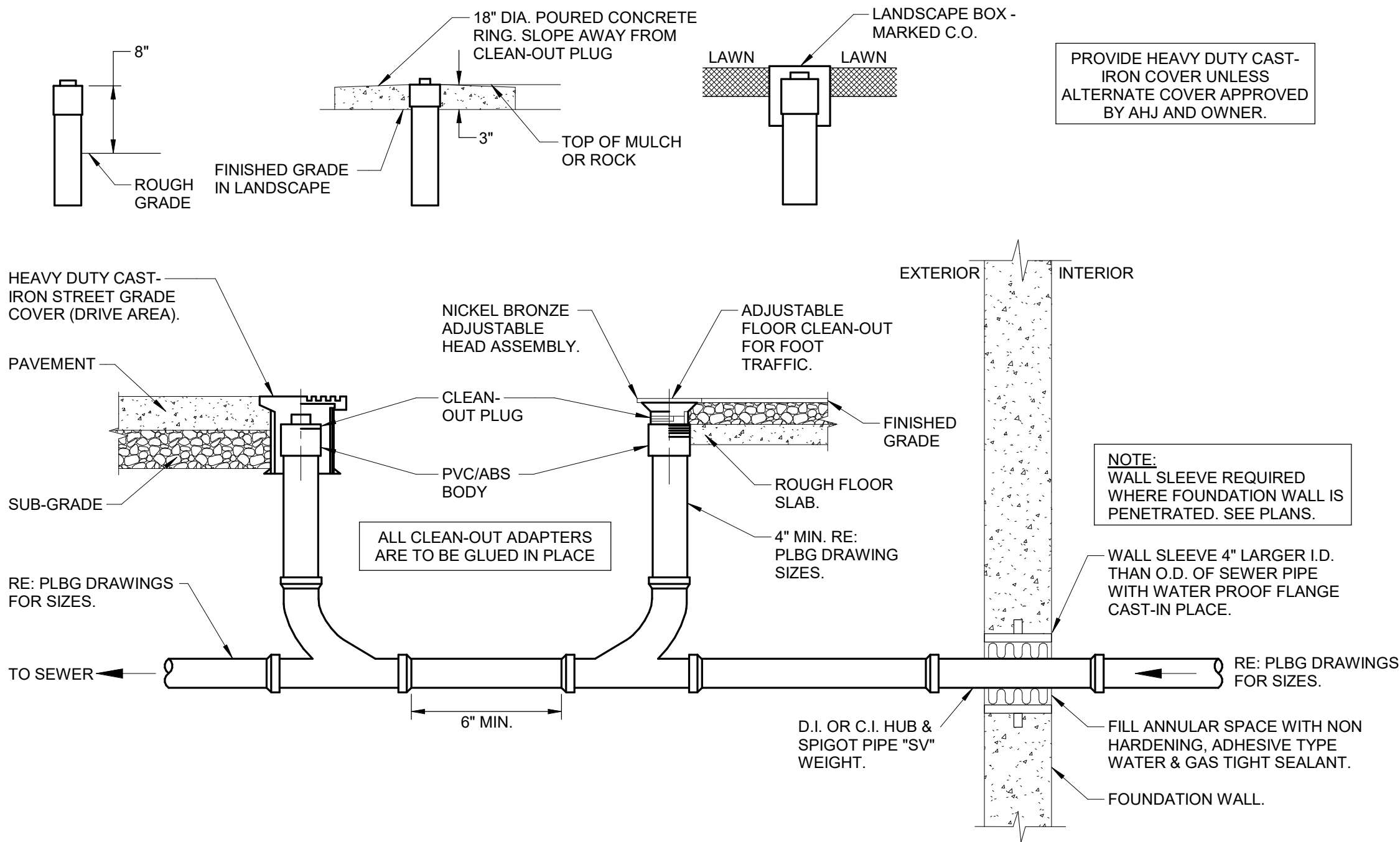
INSTALL WHA'S PER PDI STANDARDS AND MANUFACTURER'S INSTRUCTIONS. INSTALL IN HORIZONTAL OR VERTICAL POSITION, BUT NEVER UPSIDE DOWN. INSTALL IN LINE WITH WATER FLOW DIRECTION IF POSSIBLE. SIZE THE WHA AS SHOWN PER THE TABLES ABOVE. PROVIDE ACCESSIBILITY TO WHA WITH ACCESS PANEL OR INSTALL ABOVE ACCESSIBLE CEILING.

MULTIPLE FIXTURES

IF HORIZONTAL BRANCH IS LESS THAN 20'-0" PROVIDE ONE WHA AT THE END OF LINE. IF BRANCH IS GREATER THAN 20'-0" PROVIDE ANOTHER WHA IN MIDDLE. EACH SIZED FOR HALF THE FIXTURE UNITS.



FIXTURE UNIT CALCULATION		
FIXTURE	COLD	HOT
WATER CLOSET (F.V.)	10	--
WATER CLOSET (TANK)	5	--
URINAL	5	--
LAVATORY	1.5	1.5
JANITOR'S SINK	3	3
SHOWER/BATHTUB	2	3
DRINKING FOUNTAIN	2	-
KITCHEN SINK	2	2
ICE MAKER / BEVERAGE	1	-



1 WATER HAMMER LOCATION AND SCHEDULE

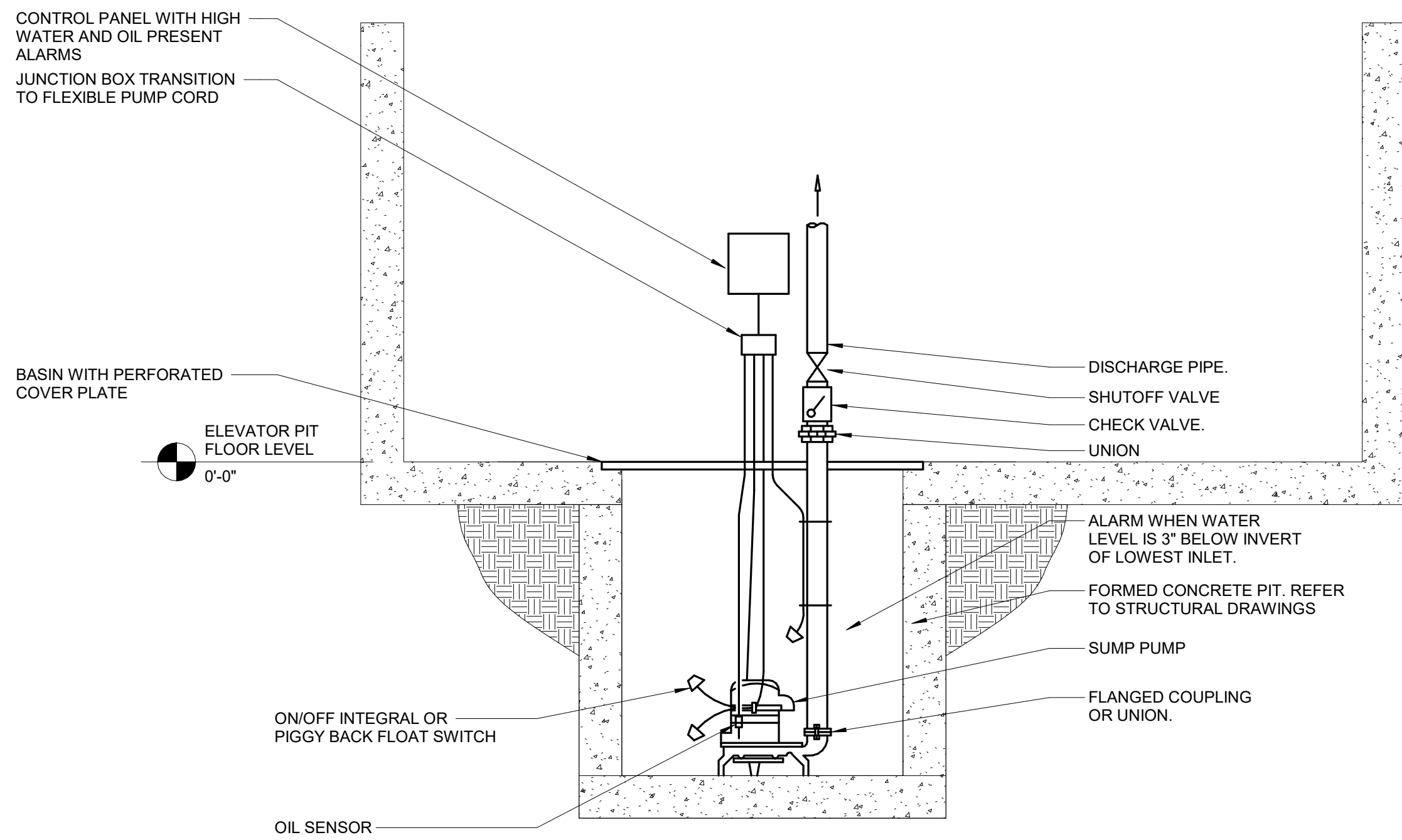
NO SCALE
M_WHA.0.01

2 YARD CLEANOUT - TWO-WAY

NO SCALE
M_YCO.0.02

3 WATER HEATER INSTANTANEOUS WATER HEATER

NO SCALE



4 ELEVATOR PIT SUMP PUMP DETAIL (OIL SENSOR - CONTROL PANEL)

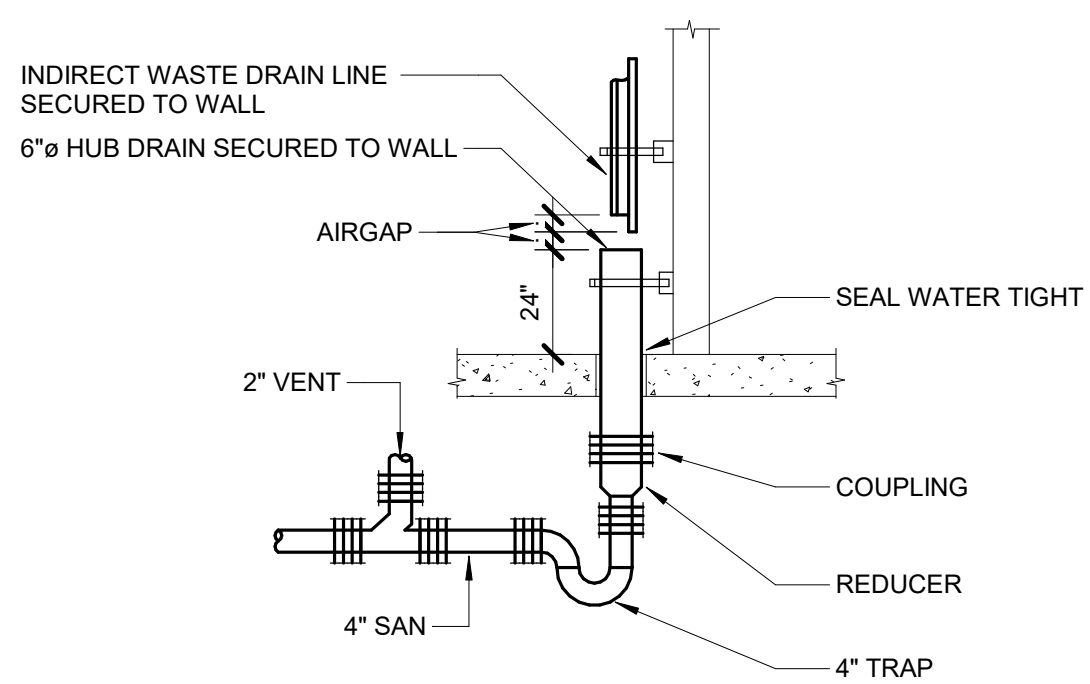
NO SCALE
M_SP.0.01

5 ROOF PENETRATION - BARE PIPE

NO SCALE
M_PEN.0.01

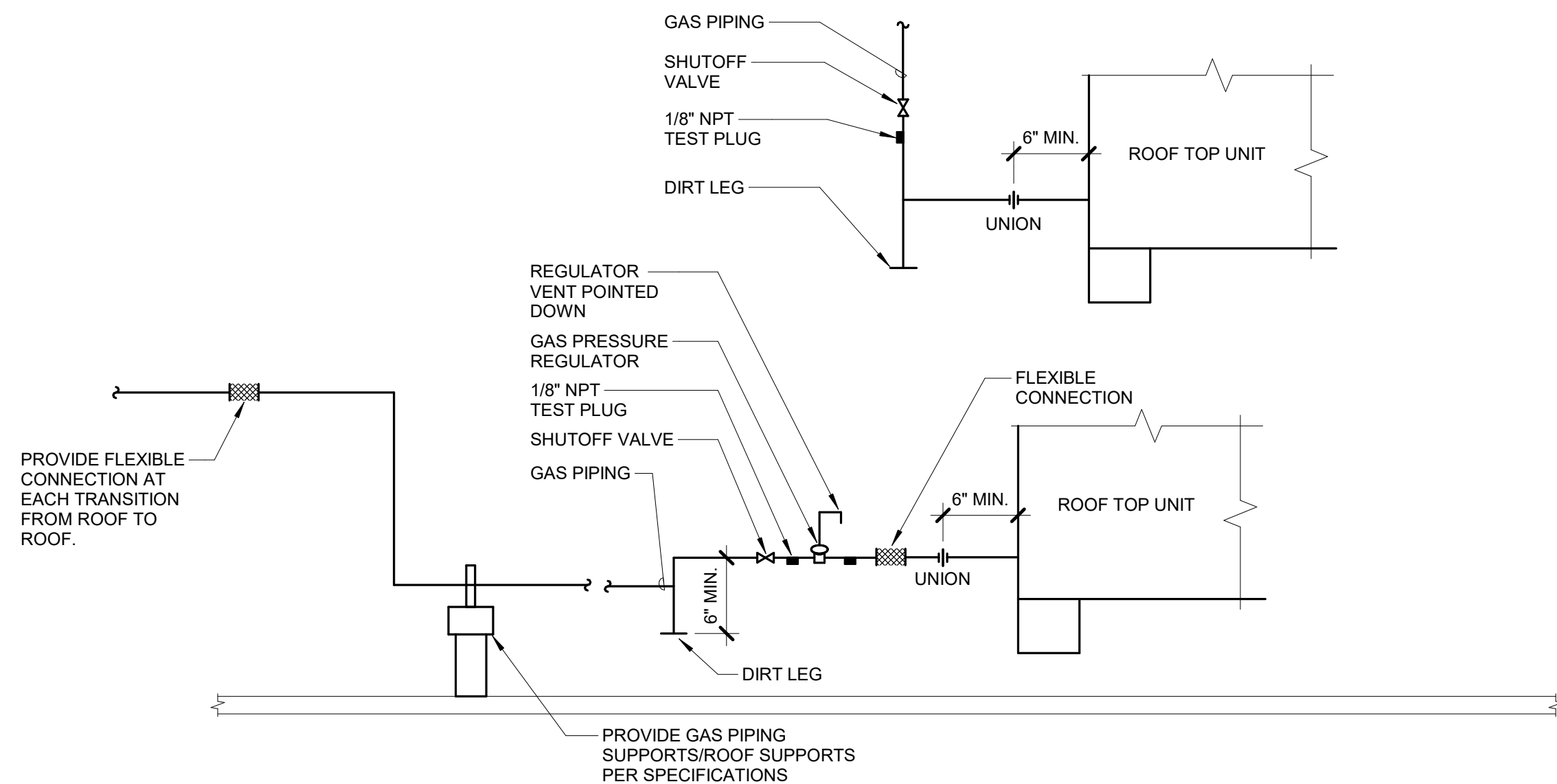
6 PIPE ROOF SUPPORT DETAIL

NO SCALE
M_NG.1.04



7 STAND PIPE DRAIN

NO SCALE
M_AG.0.02



8 NATURAL GAS FLOW DIAGRAM

NO SCALE
M_NG.1.04

issue for review:			2026.08.05
issue for pricing:			2026.09.11
issue for construction:			
revisions:			
mark	date	description	

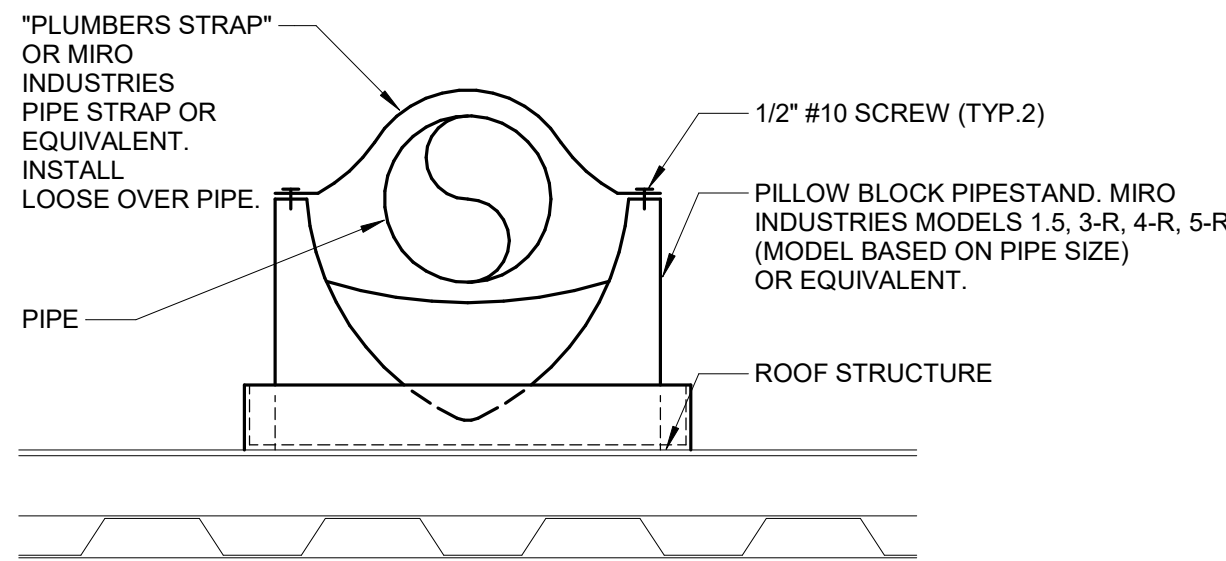
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REFER TO SHEETS G020 - G023 FOR ALL GENERAL NOTES RELATIVE TO THE SCOPE OF WORK AND TYPE OF DRAWINGS, DIMENSIONS, AND INSTRUCTIONS FOUND ON THIS SHEET.

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contains:
PLUMBING DETAILS

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project: 25.18

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