

KEY OF SYMBOLS

NOTE: THE KEY OF SYMBOLS INDICATED IS FOR CONVENIENCE ONLY AND ITEMS INDICATED ARE NOT NECESSARILY WITHIN THE SCOPE OF THE WORK.

	SOIL OR WASTE PIPING (S) (W)	A.B.D.	AUTOMATIC BALL DRIP
	SOIL OR WASTE PIPING BELOW GROUND	A.D.	ACCESS DOOR
	LEADER (L) (LDR)	A. DR.	AREA DRAIN
	INDIRECT WASTE	B.T.	BATH TUB
	VENT PIPING	C.D.	CANOPY DRAIN
	EXISTING PIPING TO BE REMOVED	CLG.	CEILING
	EXISTING PIPING TO REMAIN	C.O.	CLEANOUT
	COLD WATER PIPING (C.W.)	C.O.D.P.	CLEAN OUT DECK PLATE
	HOT WATER PIPING (H.W.)	C.V.	CHECK VALVE
	HOT WATER CIRCULATING PIPING (H.W.C.)	C.V.B.	CHECK VALVE BOX
	GAS PIPING (G)	D.I.	DROP INLET
	GATE VALVE (G.V.)	D.F.	DRINKING FOUNTAIN
	LOCKSHIELD VALVE (GLOBE VALVE)	DN.	DOWN
	PLUG COCK	EL.	ELEVATION
	CHECK VALVE (C.V.)	E.W.C.	ELECTRIC WATER COOLER
	HOSE BIBB (H.B.) SILL COCK (S.C.)	F.A.I.	FRESH AIR INLET
	VACUUM BREAKER (V.B.)	F.D.	FLOOR DRAIN
	PRESSURE RELIEF VALVE PRESS. & TEMP. RELIEF VALVE	F.F.D.	FUNNEL DRAIN
	PRESSURE REGULATING VALVE	FL.	FLOOR
	STRAINER	F.O.	FLOOR OUTLET
	"P" TRAP FOR LAV., SINK, ETC.	F.U.	FIXTURE UNITS
	CLEANOUT DECK PLATE (C.O.D.P.)	F.V.	FLUSH VALVE FLUSHOMETER
	SHOCK ABSORBER	G.V.	GATE VALVE
	ANCHOR	H.C.	HUNG CEILING
	GUIDE	H.R.	HOSE RACK
	PRESSURE GAUGE	INV.	INVERT
	THERMOMETER	LAV.	LAVATORY
	TEMPERATURE REGULATOR	MH.	MANHOLE
	WALL HYDRANT (W.H.)	M.S.	MOP SINK
	YARD HYDRANT (Y.H.) (D.H.)	N.I.C.	NOT IN CONTRACT
	PIPING COVERED WITH ELECTRIC HEAT TRACING CABLE AND INSULATION	O.S.&Y.	OUTSIDE SCREW & YOKE
	UNION CONNECTION	P.C.	PLUG COCK
	EXPANSION JOINT	P.O.	PLUGGED OUTLET
		R.P.B.	REDUCED PRESSURE BACKFLOW PREVENTER
		F.P.	
		R.D.	ROOF DRAIN
		R.T.	RUNNING TRAP
		R.C.V.	RISER CONTROL VALVE
		S.P.O.	SOIL PLUGGED OUTLET
		S.H.	SHOWER HEAD
		SH.-SHWR.	SHOWER
		SK.	SINK
		S.S.	SERVICE SINK
		S.E.	SEWAGE EJECTOR
		T.D.	TERRACE DRAIN
		T.E.	TERRACE ELEVATION
		T.P.	TRAP PRIMER
		T.S.	TAMPER SWITCH
		UR.	URINAL
		U.O.S.W.	UNDER ANOTHER SECTION OF THE WORK
		VAL. O. V.O.	VALVED OUTLET
		V.T.R.	VENT THRU ROOF
		V.P.O.	VENT PLUGGED OUTLET
		W.C.	WATER CLOSET

PLUMBING INSTALLATION CRITERIA

EACH BIDDER SHALL VISIT THE SITE AND BECOME INFORMED AS TO THE CONDITION OF THE PREMISES AND THE EXTENT AND CHARACTER OF WORK REQUIRED. NO ADDITIONAL COMPENSATION WILL BE APPROVED DUE TO FIELD CONDITIONS.

1. PROVIDE ROUGH-IN AND FINAL CONNECTIONS FOR ALL PLUMBING FIXTURES INCLUDING WASTE, VENTS, HOT AND COLD WATER, AND PROVIDE ALL PLUMBING WORK NECESSARY TO MAKE THE PANTRY, ELECTRIC WATER COOLERS) BATH, ETC. ENTIRELY OPERABLE AND ACCEPTABLE TO LOCAL HEALTH AND BUILDING OFFICIALS.
2. PLUMBING CONTRACTOR SHALL LOCATE ALL PIPING AND PLUMBING ROUGH-IN FOR PLUMBING FIXTURES IN ACCORDANCE WITH ROUGH-IN DRAWINGS PROVIDED BY EQUIPMENT MANUFACTURERS.
3. ALL VISIBLY EXPOSED PIPE TO EQUIPMENT SHALL BE CHROME PLATED BRASS.
4. PROVIDE SHUT-OFF VALVES FOR EACH PLUMBING FIXTURE AND PIECE OF EQUIPMENT.
5. PROVIDE TRAPS ON ALL WASTE PIPING FROM PLUMBING FIXTURES AND PIECE OF EQUIPMENT.
6. COORDINATE POSITION OF SLEEVES AND OPENINGS THROUGH FLOOR WITH THE GENERAL CONTRACTOR.
7. PROVIDE VACUUM BREAKERS AND CHECK VALVES FOR THE PLUMBING FIXTURES WHERE AND WHEN REQUIRED BY CODE.
8. ALL PIPING AND EQUIPMENT SHALL BE SUBSTANTIALLY SUPPORTED FROM THE BUILDING STRUCTURE. HANGER AND SUPPORTS SHALL BE SPECIFICALLY APPROVED FOR USE IN PLUMBING SYSTEMS.
- A. WHERE OVERHEAD CONSTRUCTION DOES NOT PERMIT FASTENING OF HANGER RODS IN REQUIRED LOCATIONS, PROVIDE ADDITIONAL STEEL FRAMING AS REQUIRED AND APPROVED.
- B. NO PLUMBING PIPING SHALL BE HUNG FROM THE PIPING OF OTHER TRADES OR DUCTWORK. HANGERS SHALL BE OF HEAVY CONSTRUCTION, SUITABLE FOR THE SIZE OF PIPE TO BE SUPPORTED.
9. PLUMBING FIXTURES TO BE APPROVED BY THE GENERAL CONTRACTOR AND INSTALLED BY THE PLUMBING CONTRACTOR. 10. PLUMBING FIXTURES SHALL BE AS SPECIFIED BY ARCHITECT.
11. ALL PLUMBING FIXTURES SPECIFIED BY THE ARCHITECT. SEE ARCHITECTURAL DRAWINGS, SPECIFICATIONS, DETAILS AND ELEVATIONS OF THE PANTRY, BATH, ETC. FOR REQUIRED PLUMBING CONNECTIONS.

DRAWING LIST

SHEET	TITLE	SCALE
P-000	PLUMBING SYMBOLS, ABBREVIATIONS, NOTES AND DRAWING LIST	NTS
P-100	PLUMBING UNDERGROUND PLAN	1/8" = 1'-0"
P-101	PLUMBING 1ST FLOOR PLAN	1/8" = 1'-0"
P-102	PLUMBING ROOF PLAN	1/8" = 1'-0"
P-500	PLUMBING DETAILS	NTS
P-600	PLUMBING SCHEDULES	NTS
P-700	PLUMBING RISER DIAGRAMS	NTS

BUILDING DEPARTMENT PLUMBING NOTES

THE PLUMBING SYSTEMS (SANITARY, WASTE, VENT, STORM, AND WATER DISTRIBUTION) AND ALL ASSOCIATED EQUIPMENT WILL BE INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE FULL REQUIREMENTS OF THE PLUMBING CODE. COMPLIANCE WITH THE FULL PROVISIONS OF ALL BUILDING AND PLUMBING CODE ACCESSIBILITY REQUIREMENTS AND PLUMBING FIXTURE FLOW REQUIREMENTS OF THE PLUMBING CODE.

1. THE SANITARY SYSTEM SHALL BE PROVIDED IN FULL ACCORDANCE WITH THE GENERAL PROVISIONS OF SECTION PC301.
2. THE MATERIALS USED IN THE PLUMBING SYSTEMS WILL BE PROVIDED IN FULL ACCORDANCE WITH SECTIONS PC302 AND PC303.
3. EQUIPMENT HOOK-UP AND THE JOINING WILL BE FULL COMPLIANCE WITH SECTIONS PC605 AND PC705.
4. THE INSTALLATION OF FIXTURES WILL BE IN FULL ACCORDANCE WITH PC CHAPTER 4.
5. TRAPS FOR FIXTURES AND DRAIN LINES WILL BE PROVIDED AND CLEANOUTS INSTALLED IN FULL COMPLIANCE WITH SECTIONS PC412, PC708 AND PC CHAPTER 10.
6. VERTICAL AND HORIZONTAL PIPING WILL BE HUNG AND SUPPORTED AS DIRECTED IN SPECIFICATIONS AND WITH THE FULL COMPLIANCE WITH SECTION PC308.
7. THE WATER SUPPLY SYSTEMS OF THE SUBJECT BUILDING SHALL BE INSTALLED AND MAINTAINED IN FULL COMPLIANCE WITH PC CHAPTER 6.
8. SHOCK ABSORBERS SHALL BE PROVIDED IN FULL COMPLIANCE WITH PC 604.9 WHERE ALL QUICK CLOSING VALVES ARE INSTALLED AND ALL EQUIPMENT CONTAINING QUICK CLOSING SOLENOID VALVES SUCH AS ICE MAKERS ,COFFE MACHINES , DISHWASHERS ,CLOTHES WASHERS, ELECTRONIC OPERATED FLUSH VALVES AND FAUCETS, AND SHOWER MIXING VALVES THAT HAVE A SINGLE LEVER HANDLE.
9. THE SANITARY DRAINAGE SYSTEM WILL BE SIZED AND INSTALLED IN FULL COMPLIANCE WITH PC CHAPTER 7.
10. THE VENT PIPING FOR THE SANITARY DRAINAGE SYSTEM OF THE SUBJECT BUILDING WILL BE INSTALLED IN FULL COMPLIANCE WITH SECTION PC702 & PC CHAPTER 9.
11. THE STORM DRAINAGE SYSTEM AND PIPING WILL BE INSTALLED IN FULL COMPLIANCE WITH PC CHAPTER 11.
12. ALL TRENCHING SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION PC306.
13. RAT PROOFING SHALL BE IN ACCORDANCE WITH SECTION PC304.
14. TEMPORARY TOILET FACILITIES SHALL BE PROVIDED FOR CONSTRUCTION PERSONNEL AS PER SECTION PC311.

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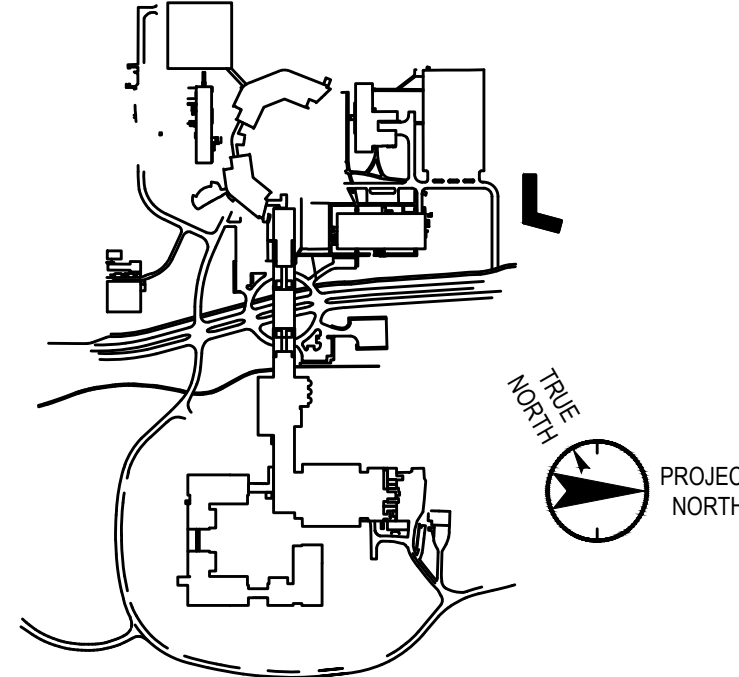
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Key Plan



No. Date Description
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Vendor Name: COSENTINI
Vendor Project No.: 151-210104
Discipline: PLUMBING Drawn By: DH

PLUMBING
SYMBOLS, ABBREVIATIONS,
AND DRAWING LIST

Scale: NTS Floor: N/A

P-000

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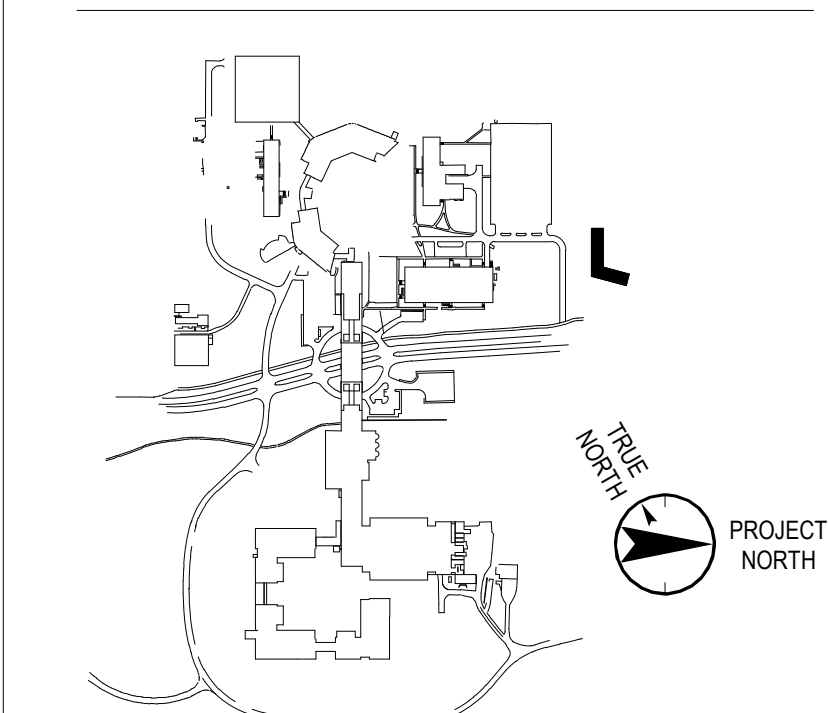
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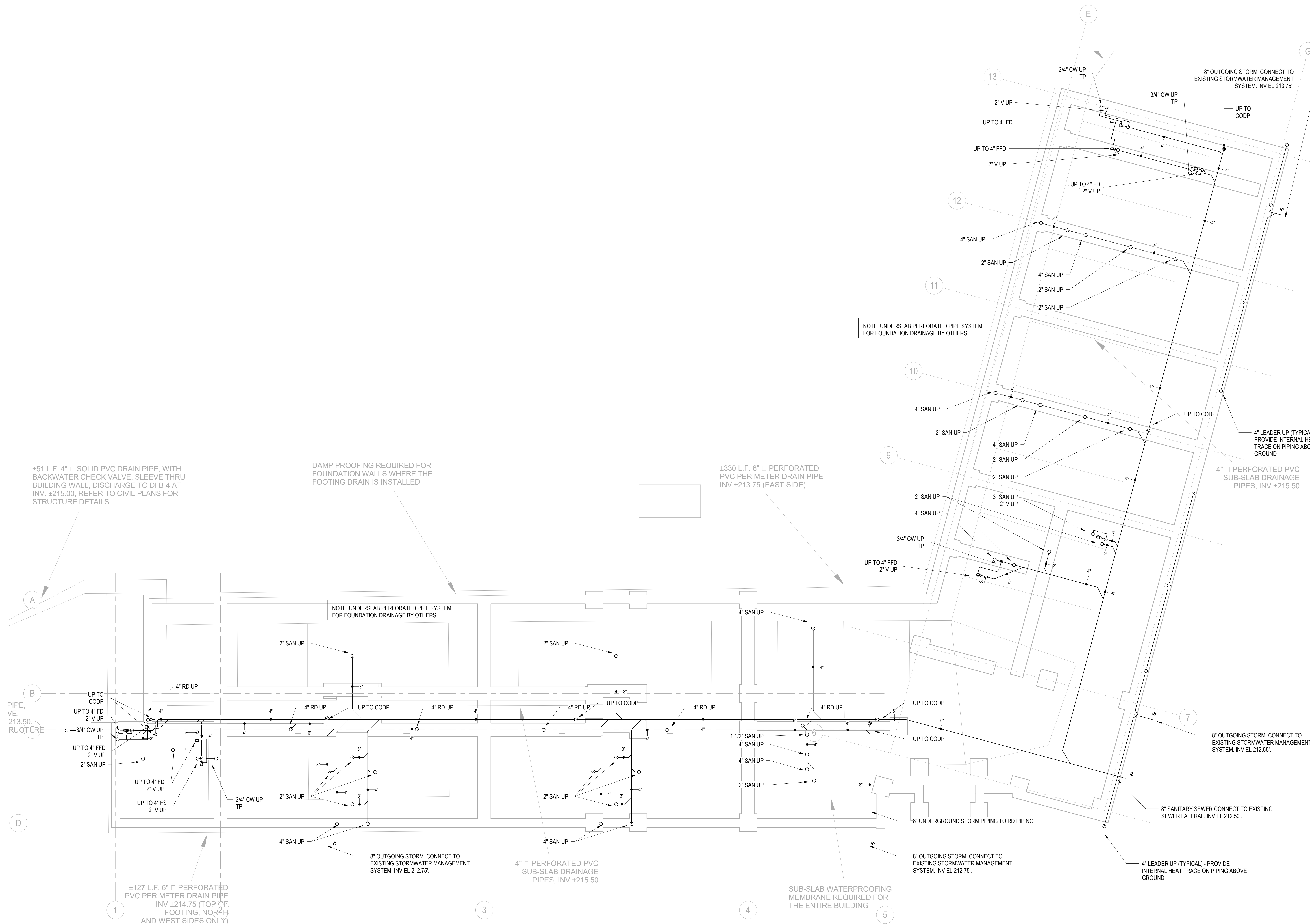
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Vendor Project No.: 151-210104
Discipline: PLUMBING Drawn By: DH
**PLUMBING UNDERGROUND
PLAN**

Scale: 1/8" = 1'-0" Floor: UNDERSLAB

P-100



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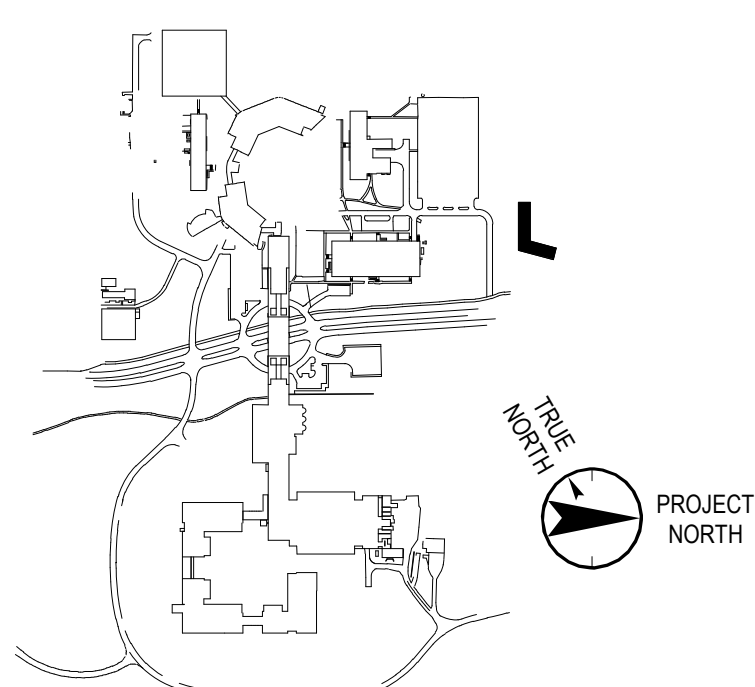
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Vendor Name: COSENTINI

Vendor Project No.: 151-210104

Discipline: PLUMBING

PLUMBING 1ST FLOOR PLAN

Scale: 1/8" = 1'-0"

Floor: 1ST

P-101

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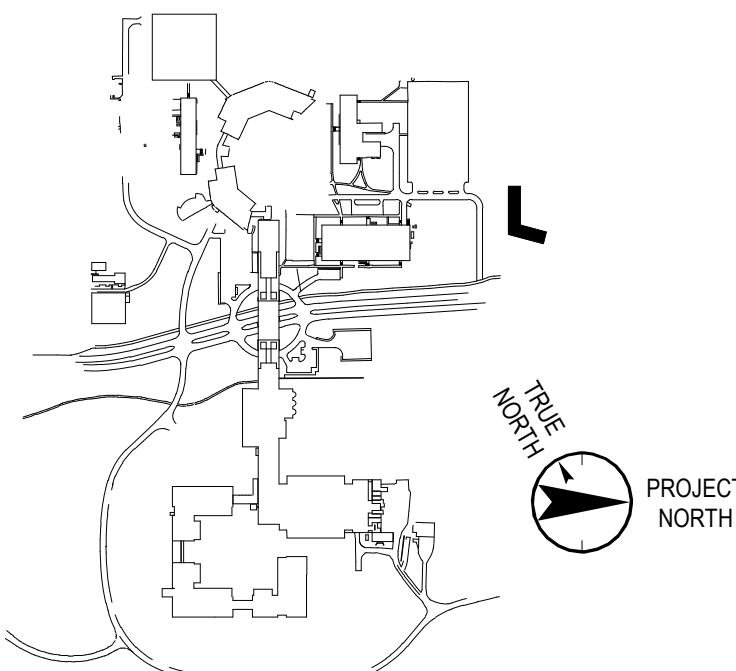
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Vendor Project No.: 151-210104

Discipline: PLUMBING

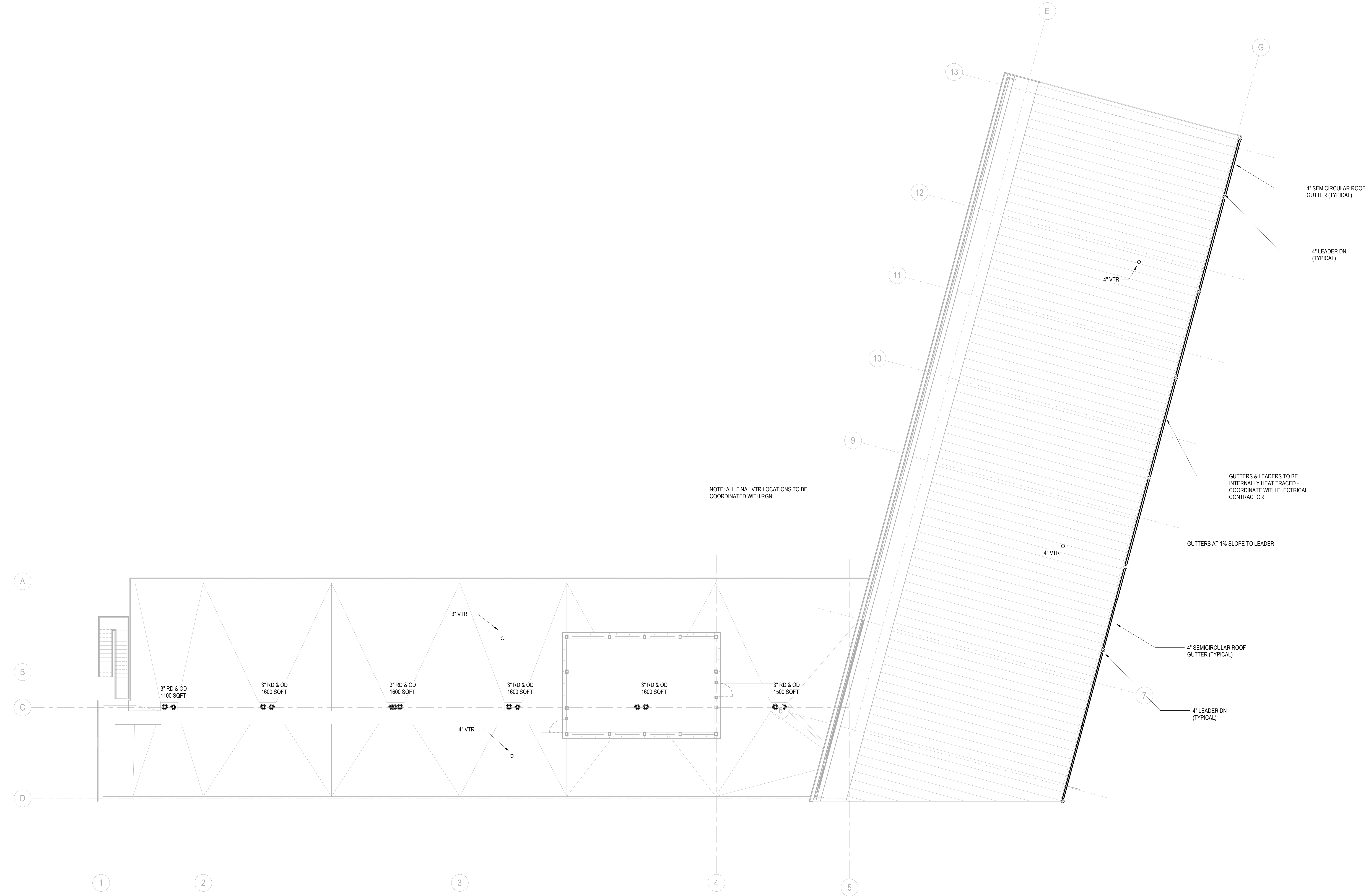
Drawn By: DH

PLUMBING ROOF PLAN

Scale: 1/8" = 1'-0"

Floor: ROOF

P-102



1' ROOF PLUMBING PLAN
1/8" = 1'-0"

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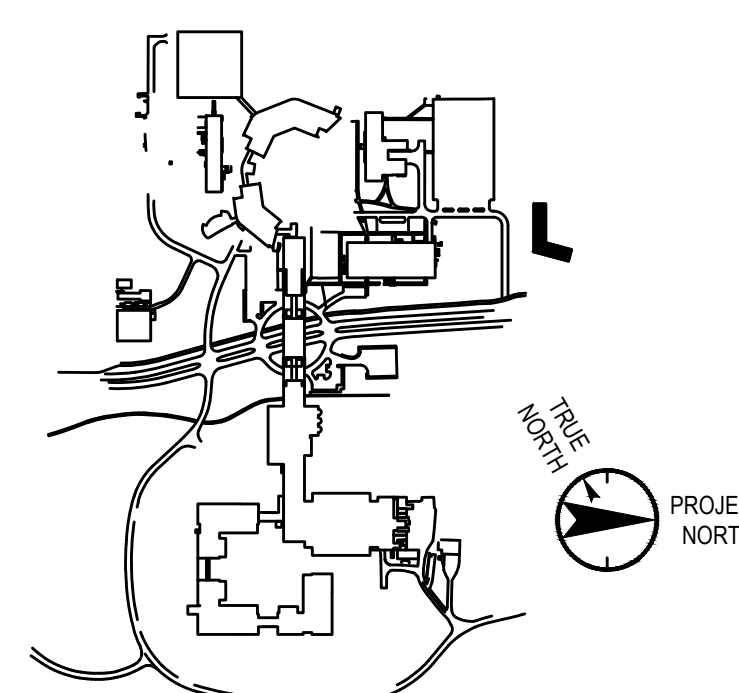
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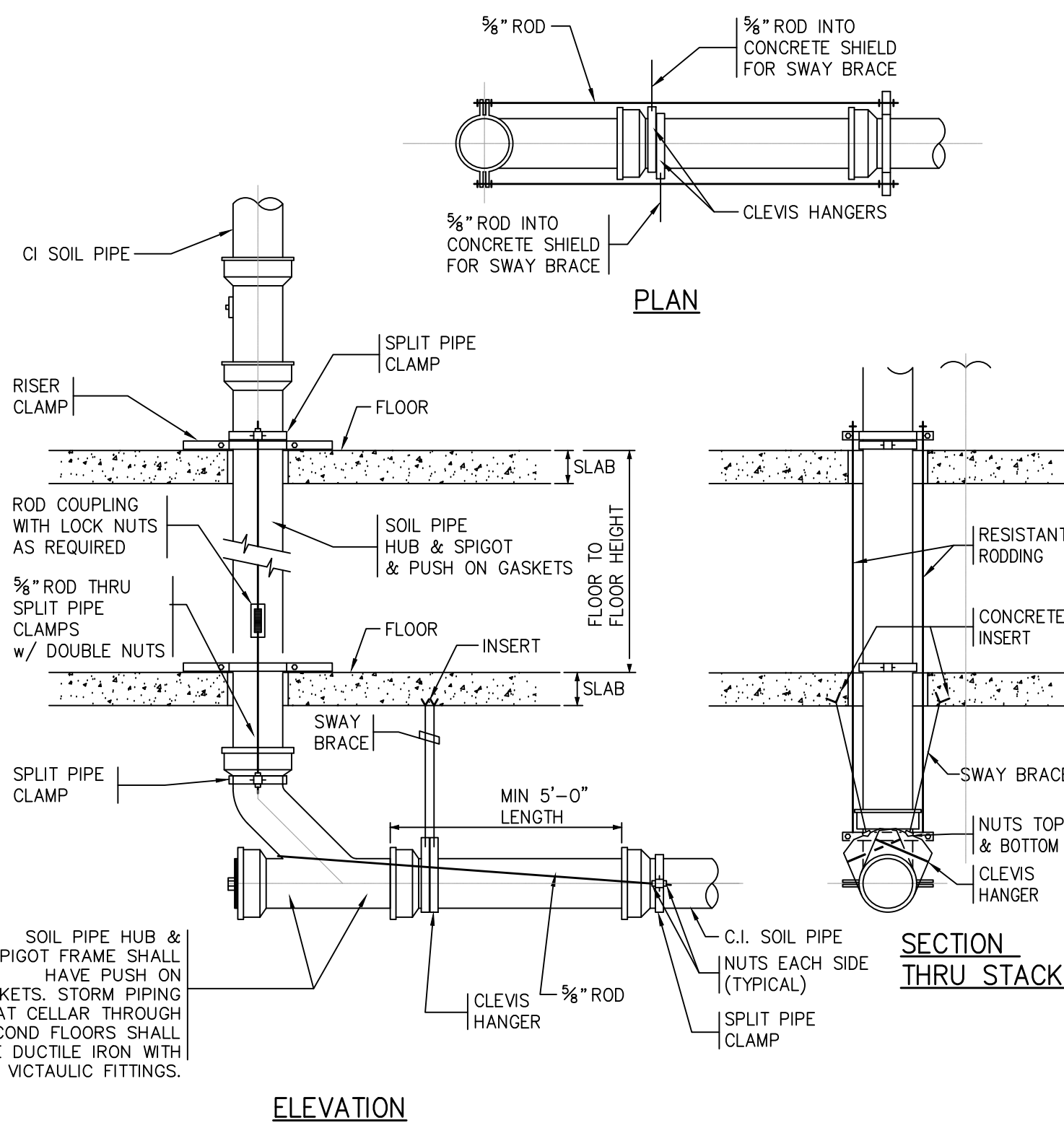
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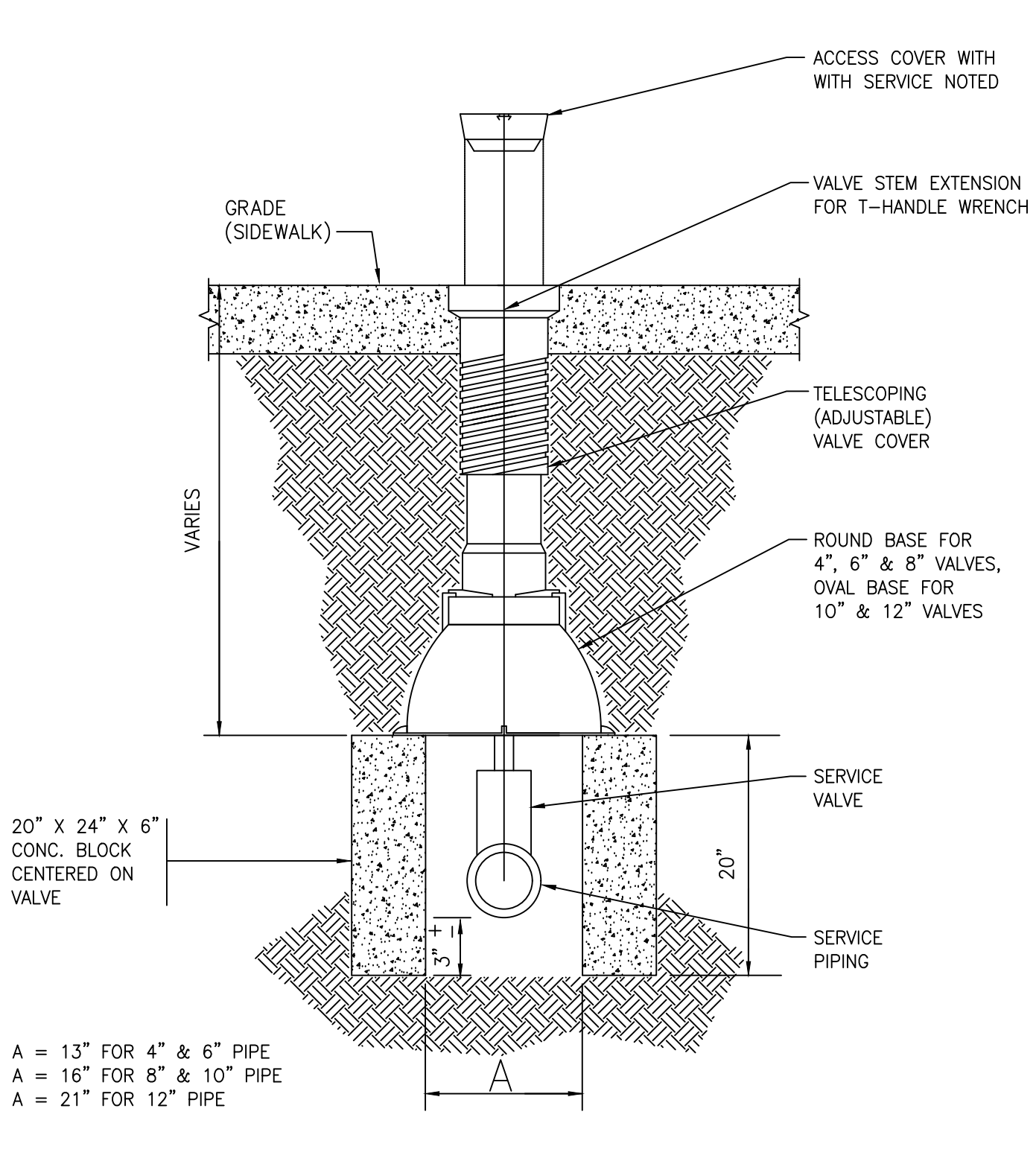
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Vendor Project No.: 151-210104
Discipline: PLUMBING Drawn By: DH
PLUMBING
DETAILS

Scale: NTS Floor: N/A

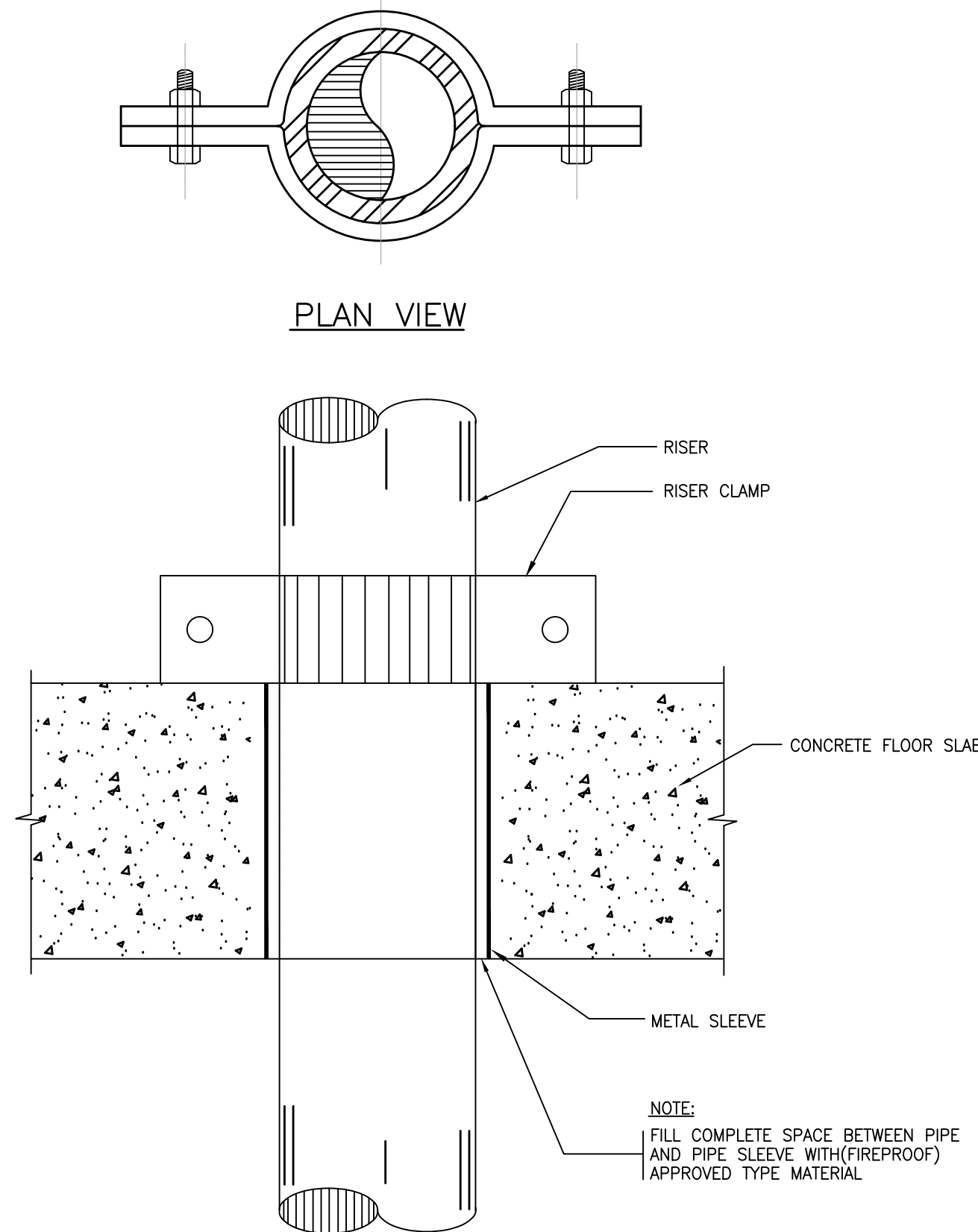
P-500



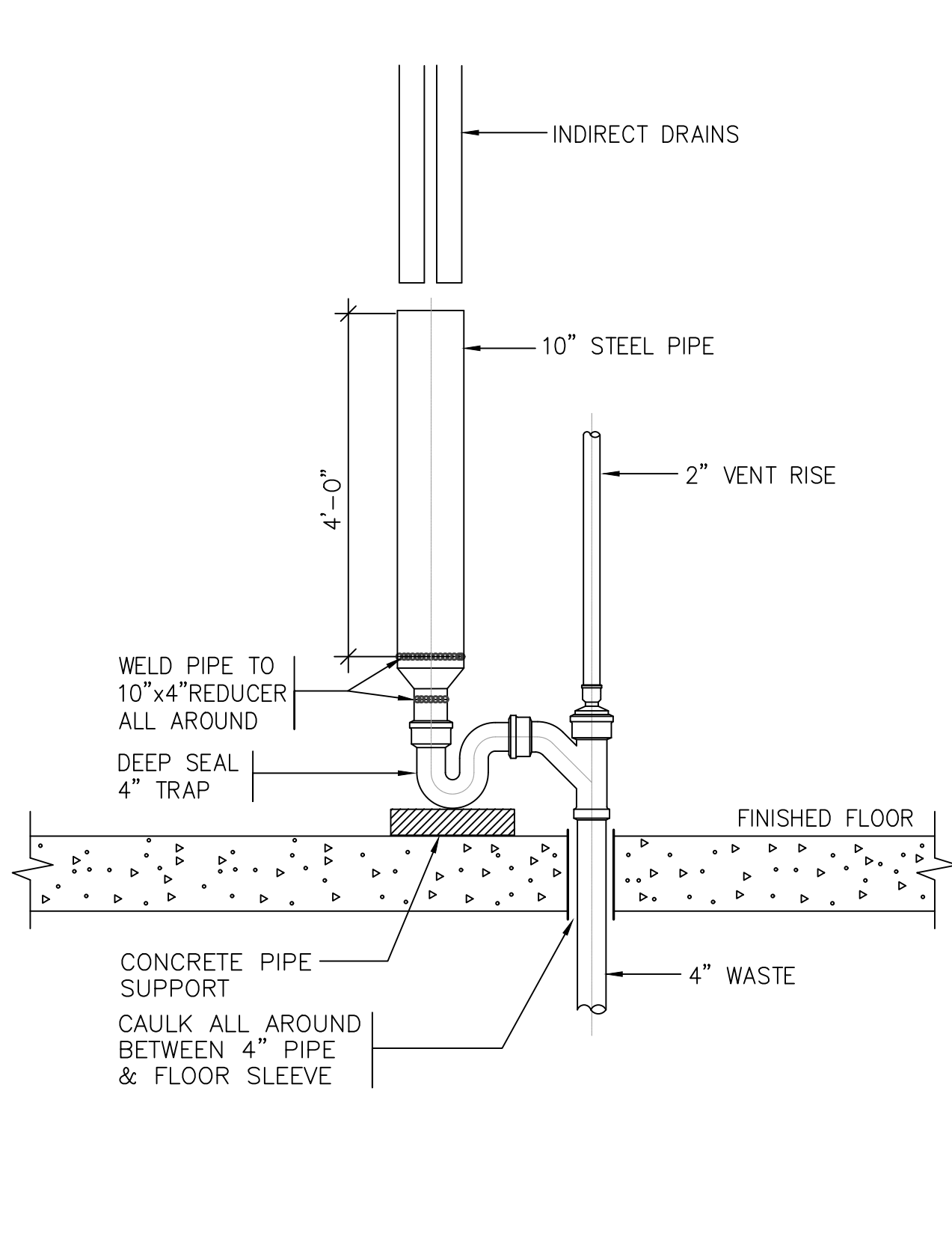
DETAIL OF PIPING AT BASE OF STACKS
BASE OF LEADERS SIMILAR
NO SCALE



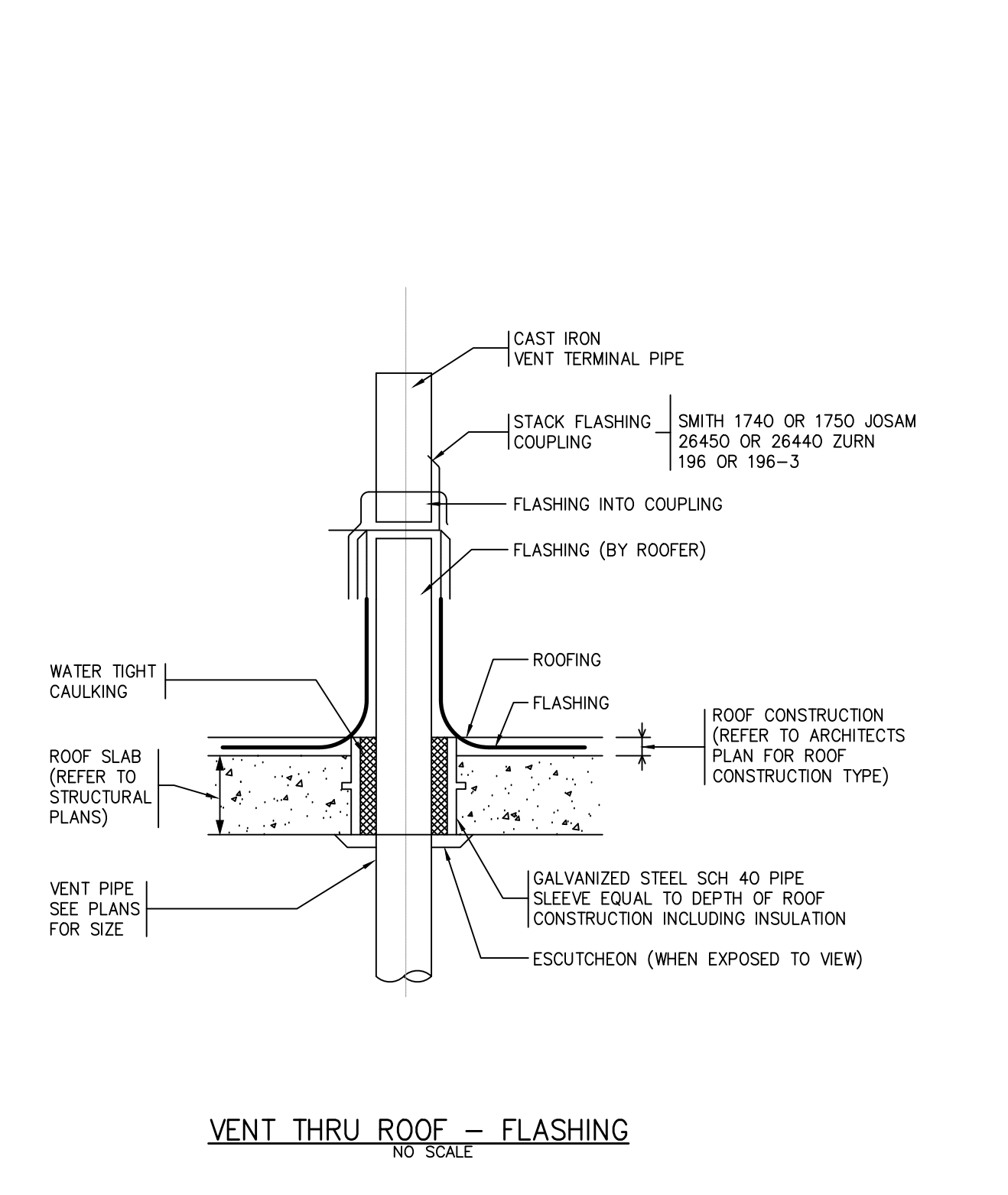
TYPICAL SERVICE VALVE BOX DETAIL
NOT TO SCALE



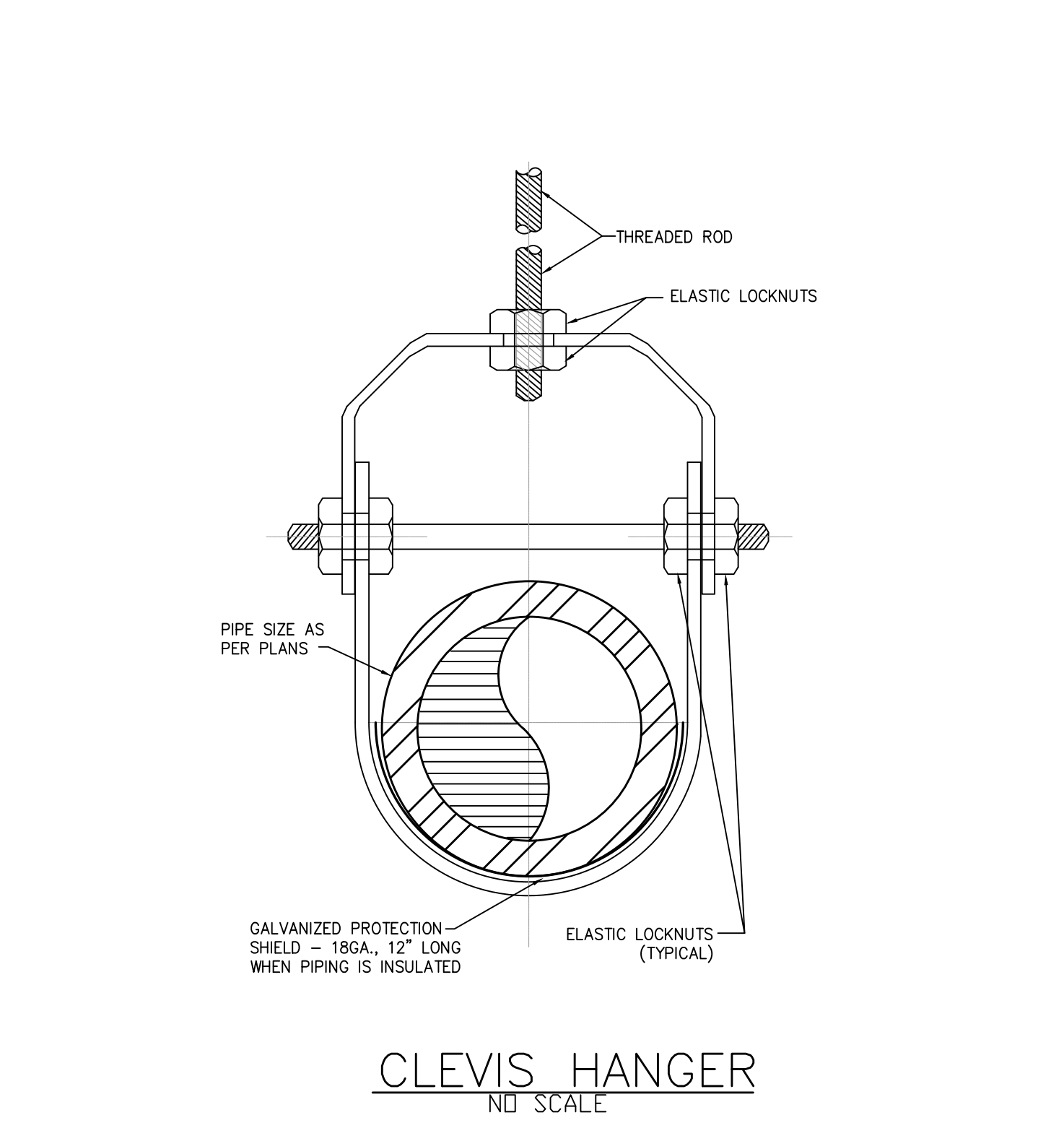
TYPICAL RISER ANCHOR DETAIL
NO SCALE



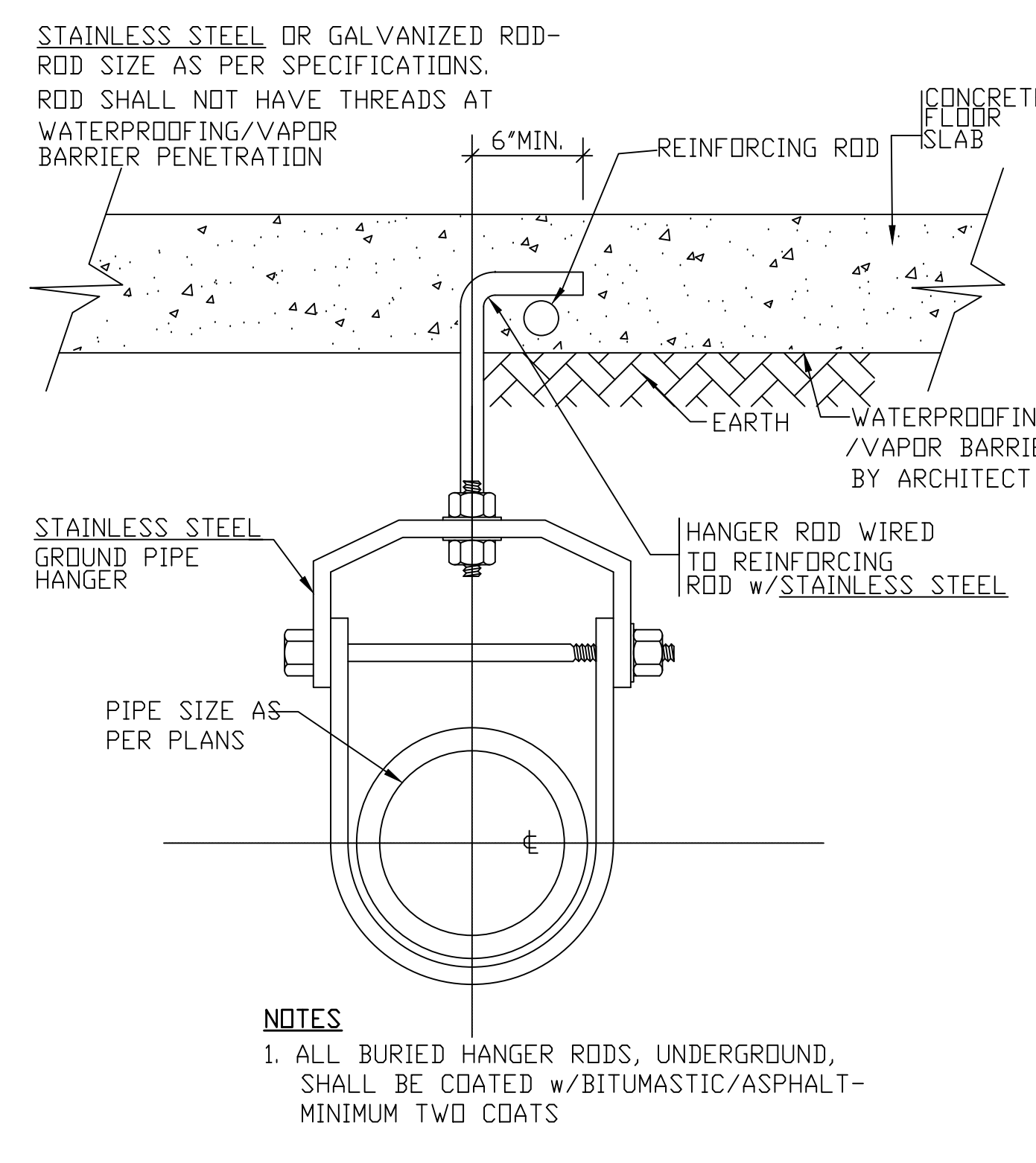
TYPICAL INDIRECT WASTE RECEPTOR
NO SCALE



VENT THRU ROOF - FLASHING
NO SCALE



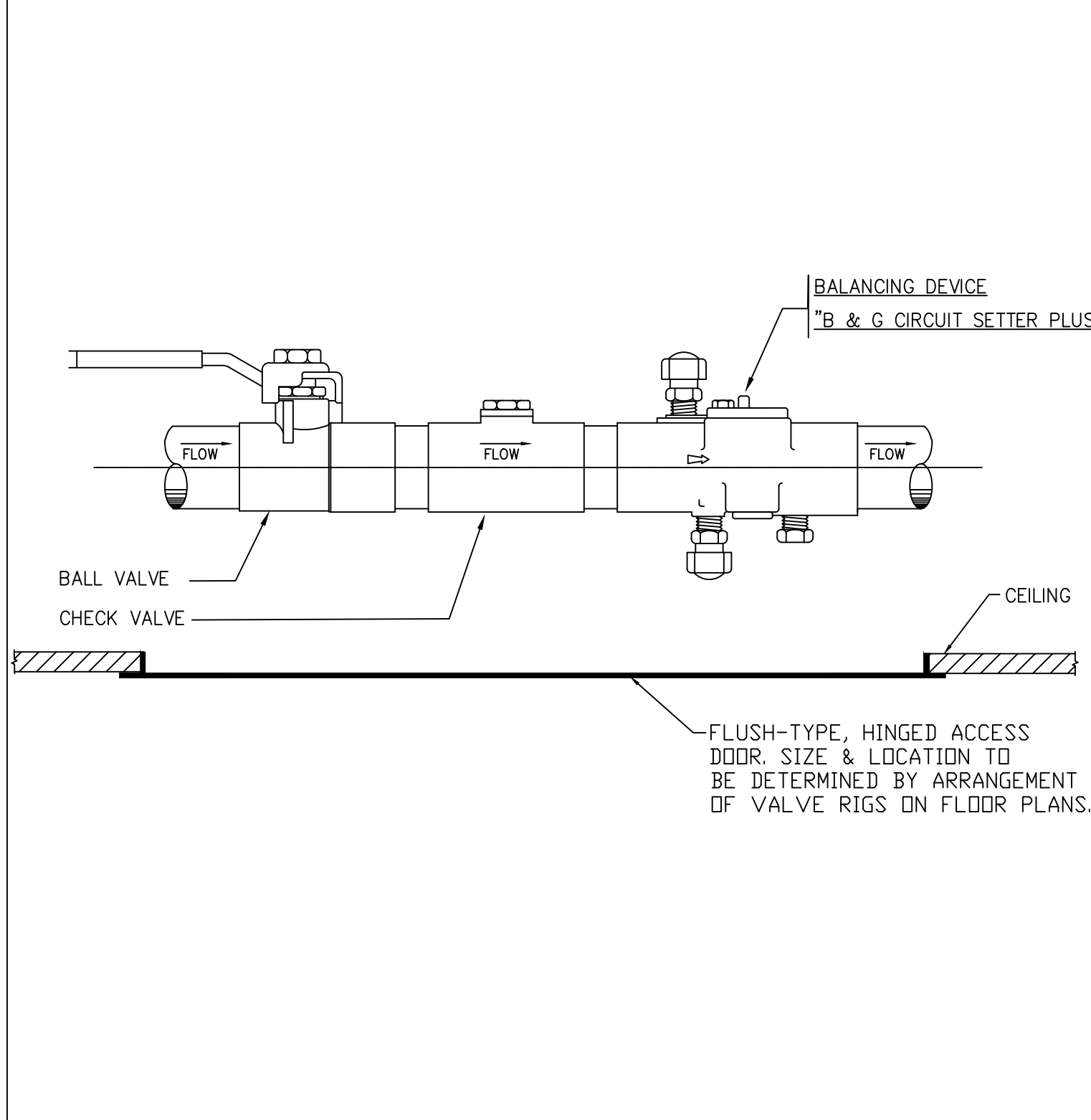
CLEVIS HANGER
NO SCALE



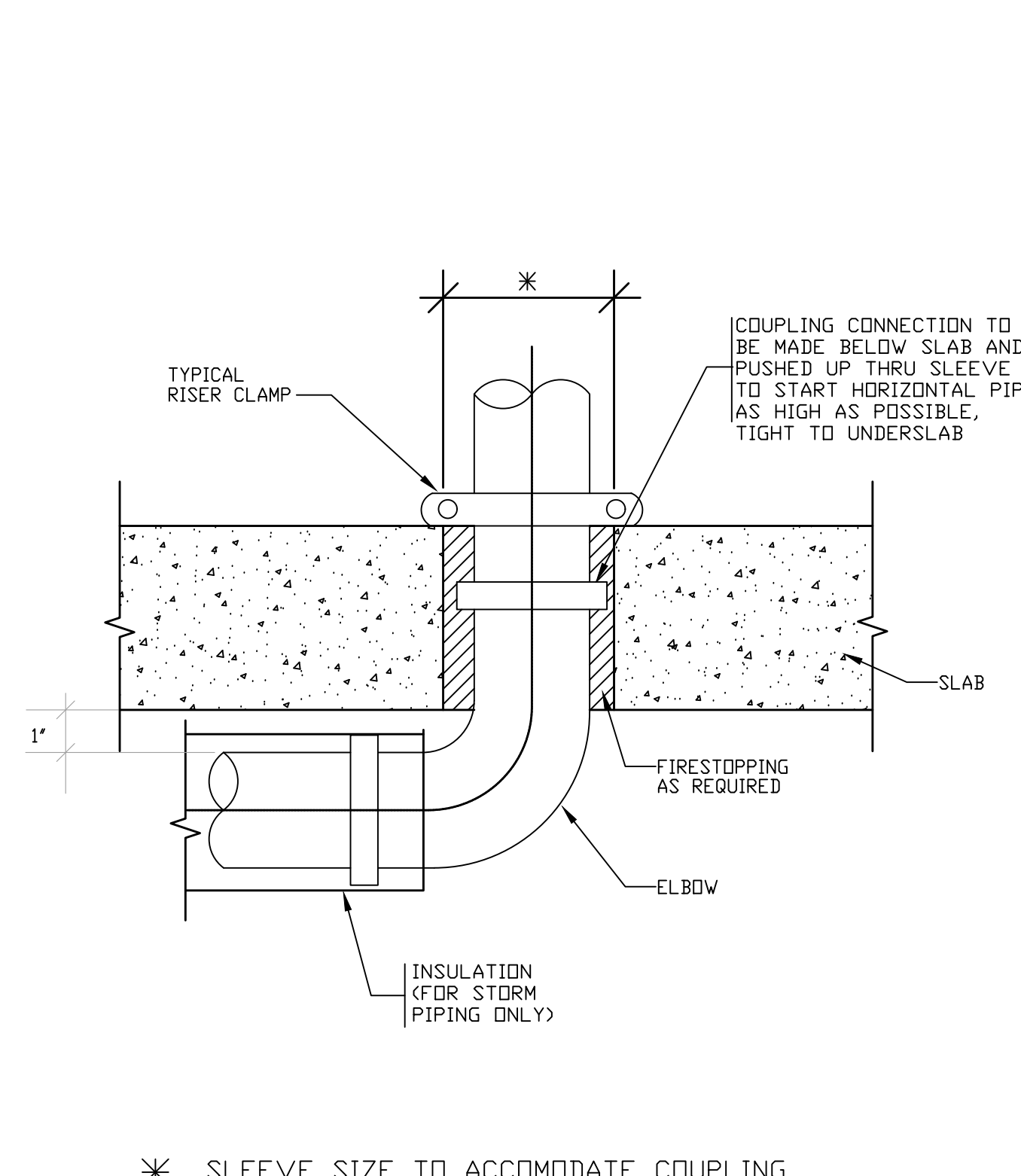
NOTES

1. ALL BURIED HANGER RODS, UNDERGROUND, SHALL BE COATED w/BITUMASTIC/ASPHALT - MINIMUM TWO COATS
2. ALL HANGERS, RODS, NUTS, BOLTS & ACCESSORIES OF STAINLESS STEEL.
3. IN CORROSIVE SOIL CONDITIONS, ALL PIPE AND FITTINGS SHALL BE COATED w/BITUMASTIC/ASPHALT - MINIMUM TWO COATS.

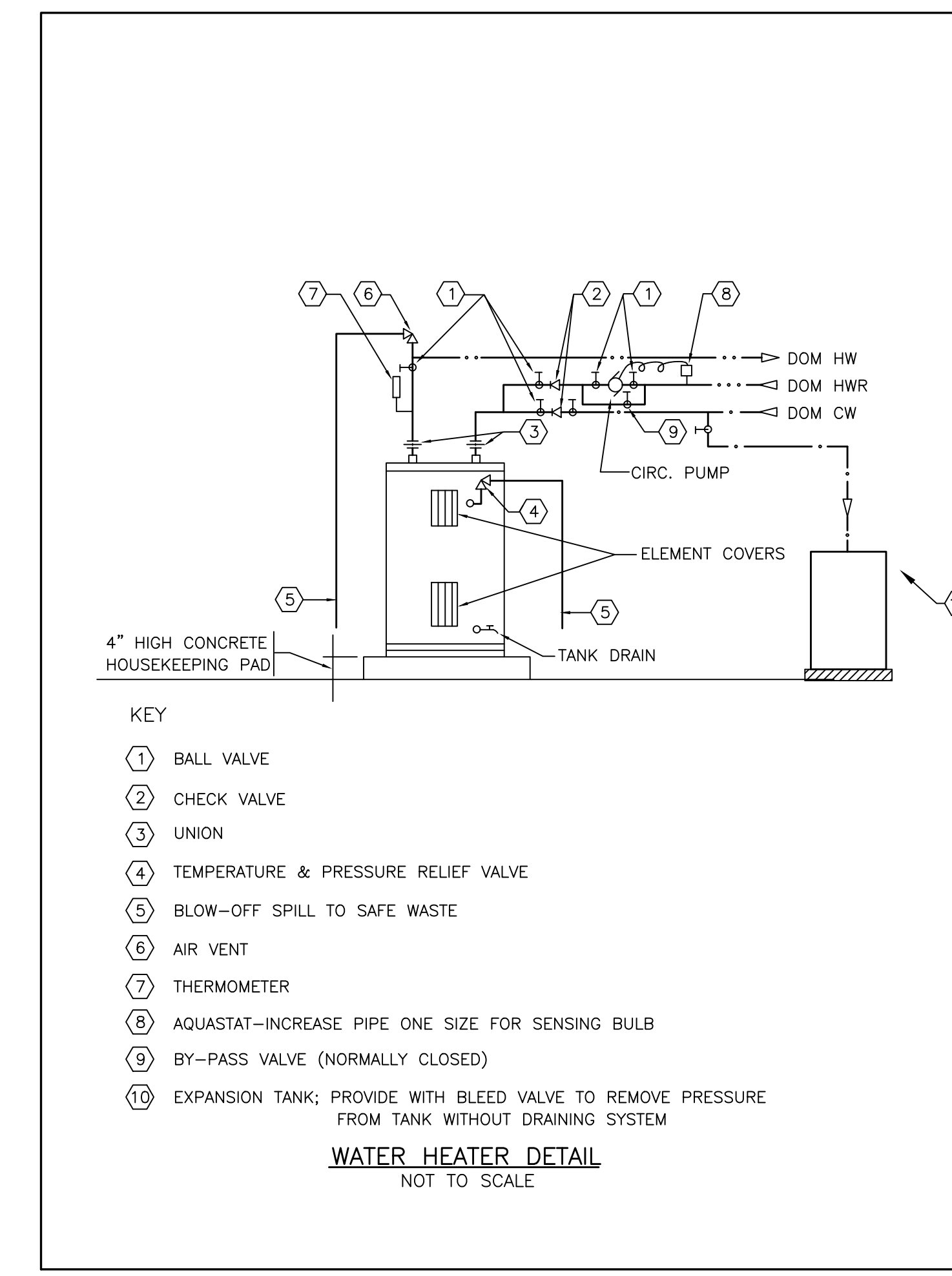
PIPE SUPPORT FOR
UNDERGROUND DRAINAGE PIPING
NOT TO SCALE



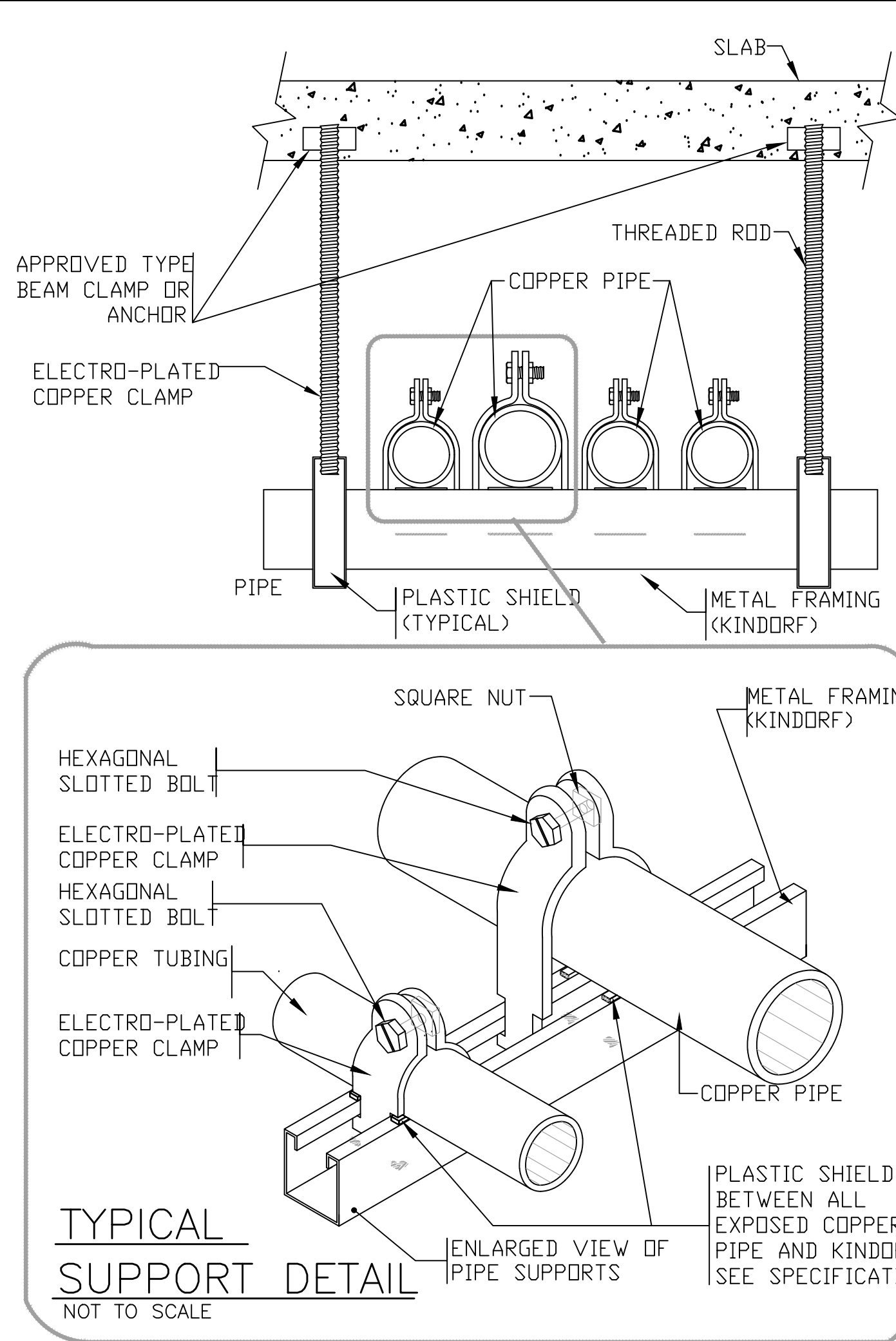
TYPICAL BALANCING VALVE RIG
NO SCALE



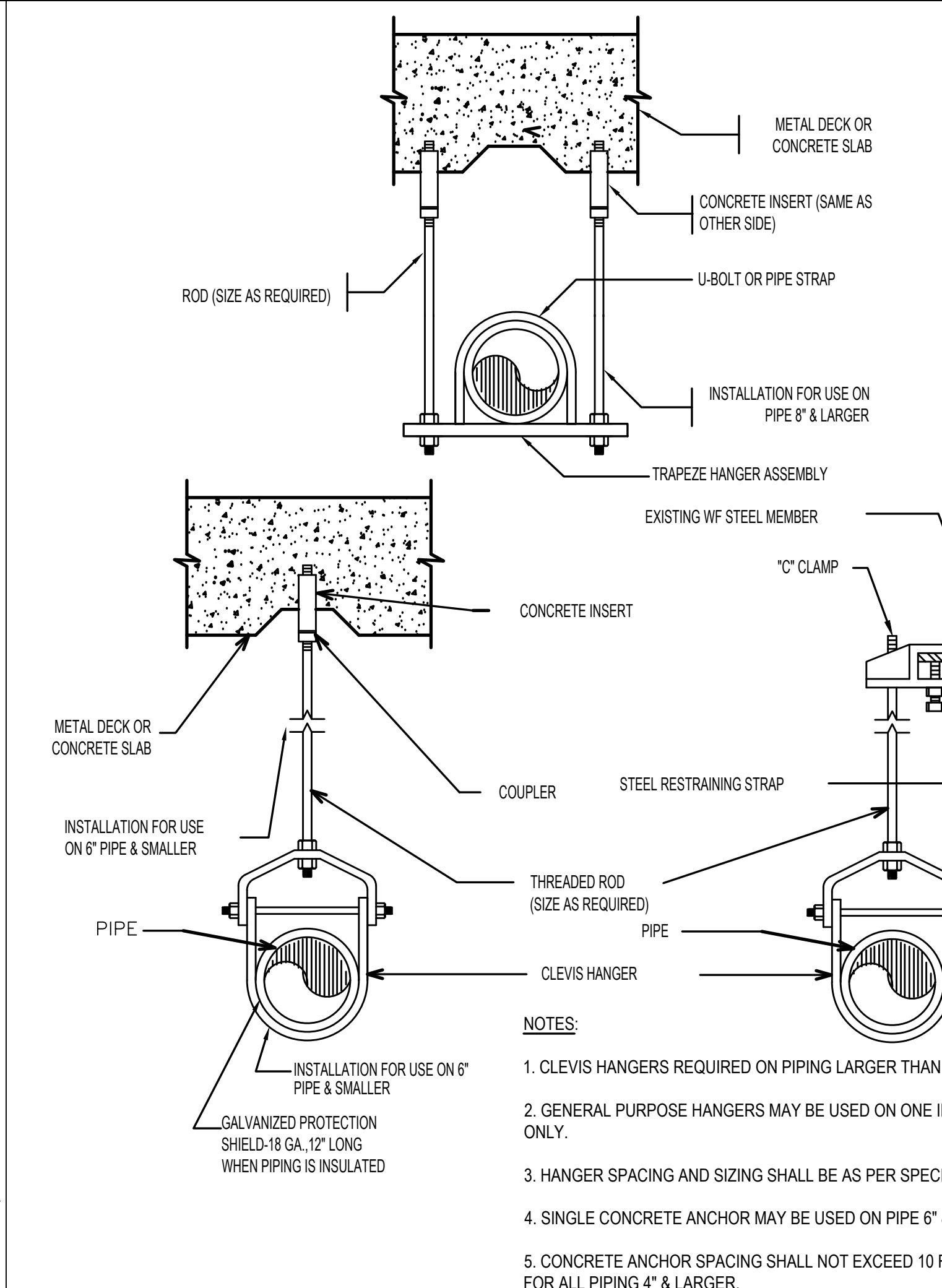
TYPICAL VERTICAL-TURN-HORIZONTAL
DRAIN PIPING DETAIL
NO SCALE



WATER HEATER DETAIL
NOT TO SCALE



TYPICAL
SUPPORT DETAIL
NOT TO SCALE



NOTES

1. CLEVIS HANGERS REQUIRED ON PIPING LARGER THAN ONE INCH.
2. GENERAL PURPOSE HANGERS MAY BE USED ON ONE INCH PIPING ONLY.
3. HANGER SPACING AND SIZING SHALL BE AS PER SPECIFICATION.
4. SINGLE CONCRETE ANCHOR MAY BE USED ON PIPE 6\"/>

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Landscape Architect

Langan
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WATER FILTER SCHEDULE						
DESIGNATION	LOCATION	DIMENSIONS		MANUFACTURER & MODEL NO.		NOTES
		LENGTH	WIDTH			
WF-1	PLUMBING ROOM	29"	15"	TEKLEEN	MTF3-L-SKID	PLACE ON 4" HIGH CONCRETE PAD

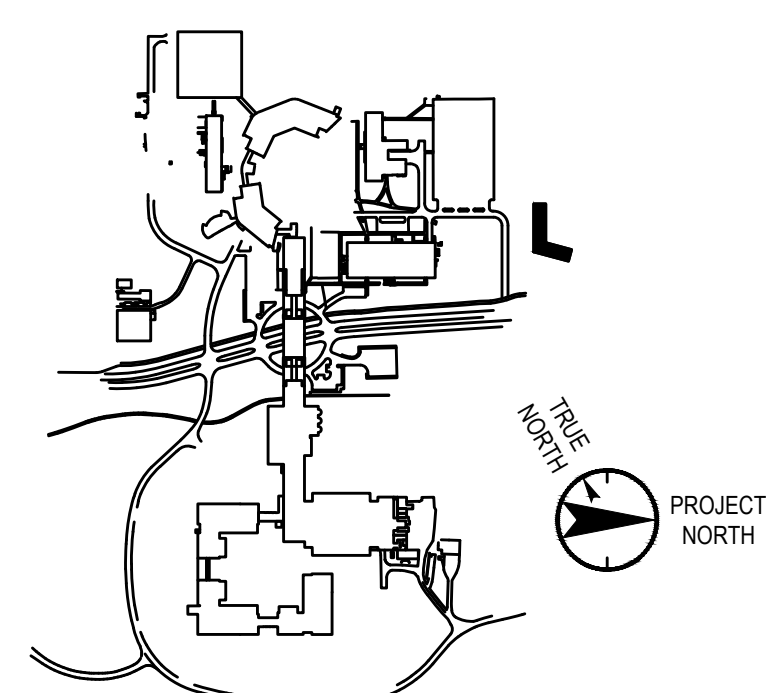
NOTES:

1) ALL DOMESTIC WATER HEATING EQUIPMENT SHALL BE EQUIPPED WITH A TEMPERATURE & PRESSURE RELIEF VALVE, EXCEPT FOR POINT OF USE TYPE WITHOUT STORAGE. EACH DOMESTIC WATER SYSTEM SHALL BE EQUIPPED WITH AN EXPANSION TANK OF SUFFICIENT SIZE TO ACCOMMODATE THERMAL EXPANSION OF THE WATER CONTAINED THEREIN.

NOTES:

1. THIS VALVE SCHEDULE IS BASED ON MILWAUKEE VALVES; OTHER MANUFACTURERS AS INDICATED
2. ALL VALVES USED FOR DOMESTIC WATER 2" OR SMALLER SHALL COMPLY WITH THE LEAD FREE REQUIREMENTS.

NOTE:
(ALL RECIRCULATION PUMPS TO BE "ALL BRONZE" IN LINE)

[illegible]

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Professional Seal and Signature

Scale: NTS Floor: N/A

P-600

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Building #17
Campus Expansion Child
Day-care Center

777 Old Saw Mill River Road
Mount Pleasant, NY 10591

Project No. B17-DAYCARE

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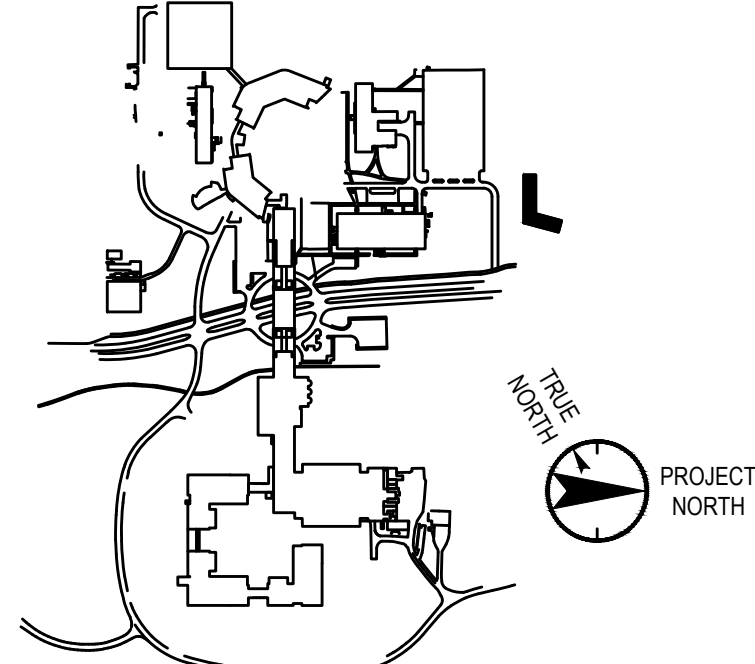
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Key Plan



No. Date Description

0 05.20.2022 ISSUED FOR PERMIT

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REUSE.

Professional Seal and Signature

Vendor Name: COSENTINI

Vendor Project No.: 151-210104

Discipline: PLUMBING Drawn By: DH

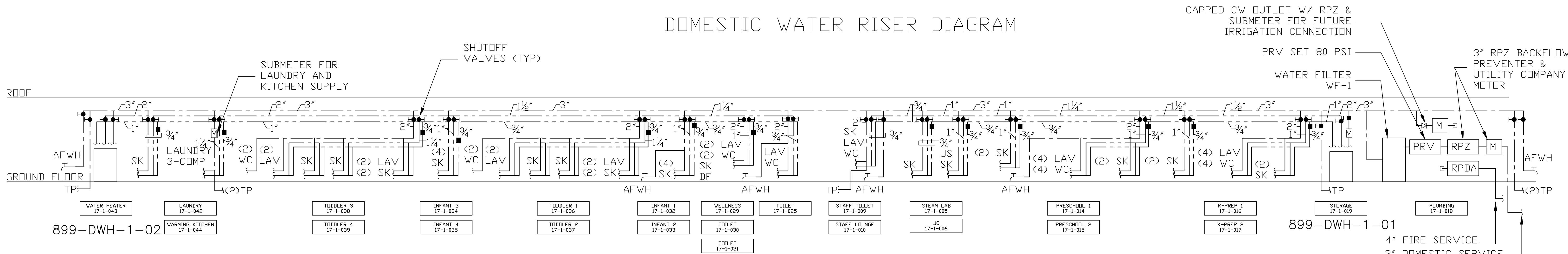
PLUMBING
RISER DIAGRAMS

Scale: NTS

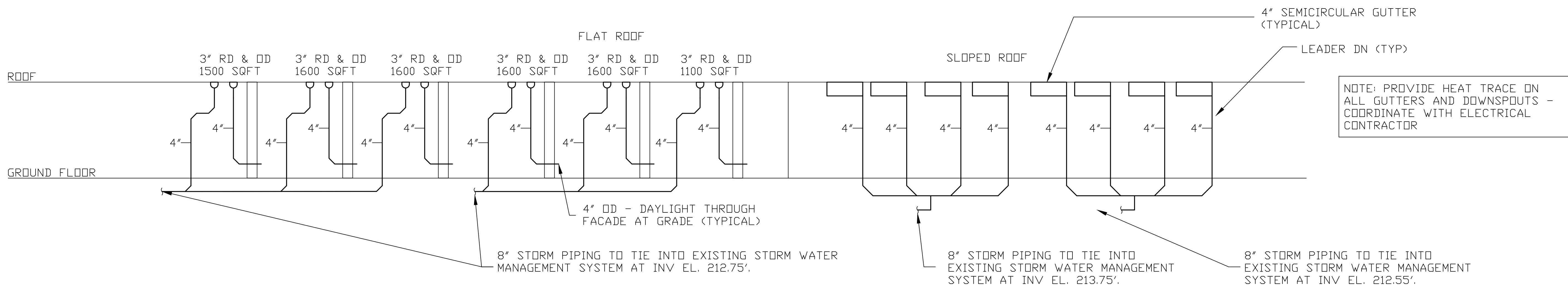
Floor: N/A

P-700

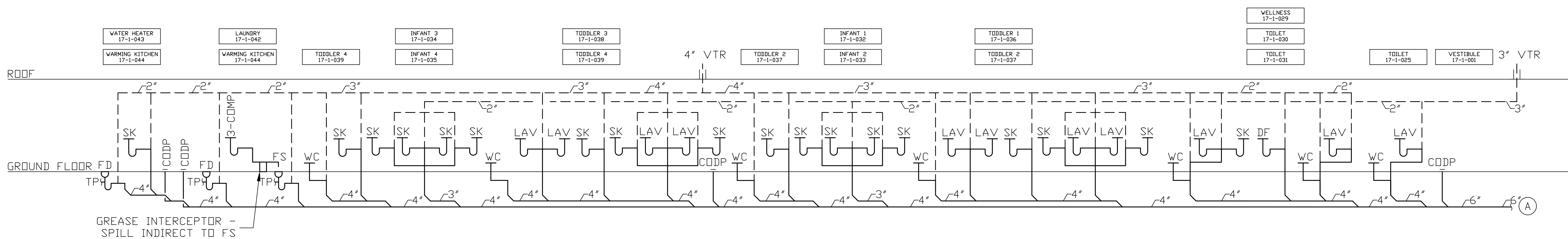
DOMESTIC WATER RISER DIAGRAM



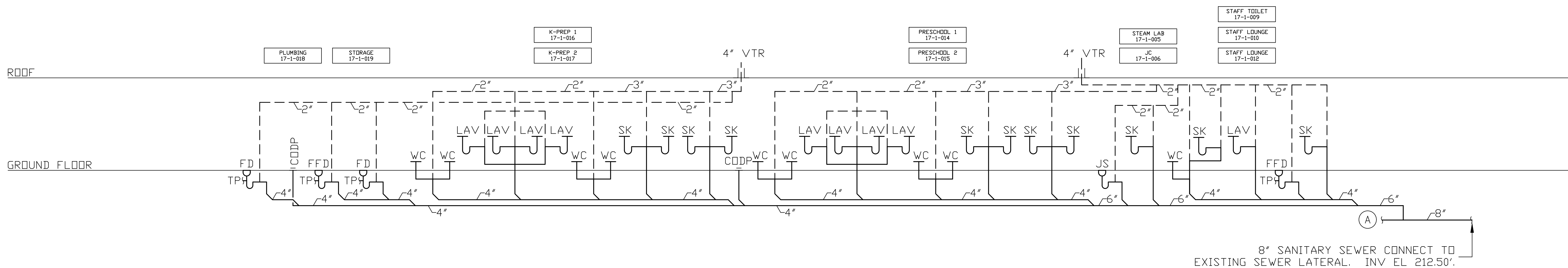
STORM RISER DIAGRAM



SANITARY RISER DIAGRAM - NORTH WING



SANITARY RISER DIAGRAM - EAST WING



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