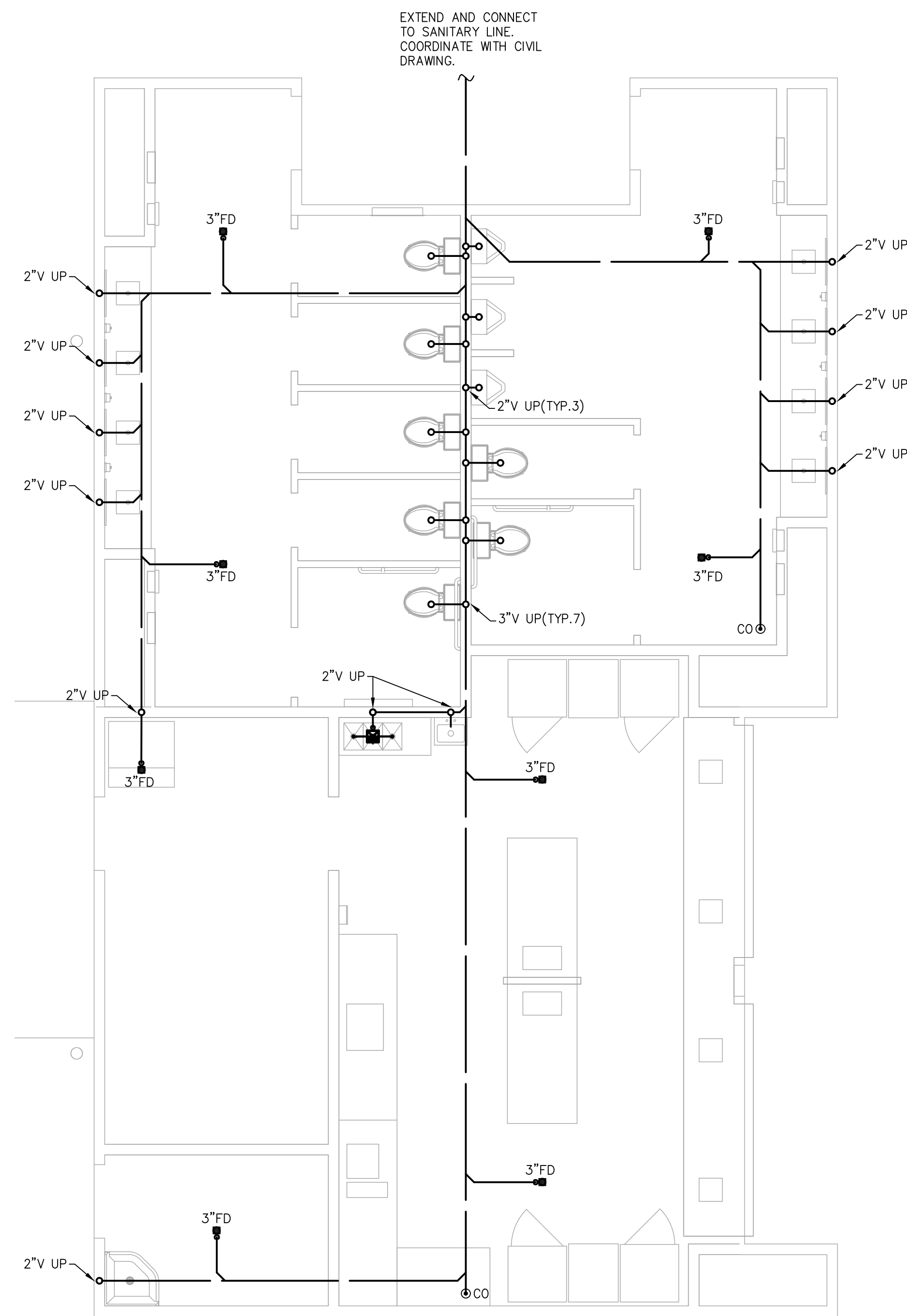
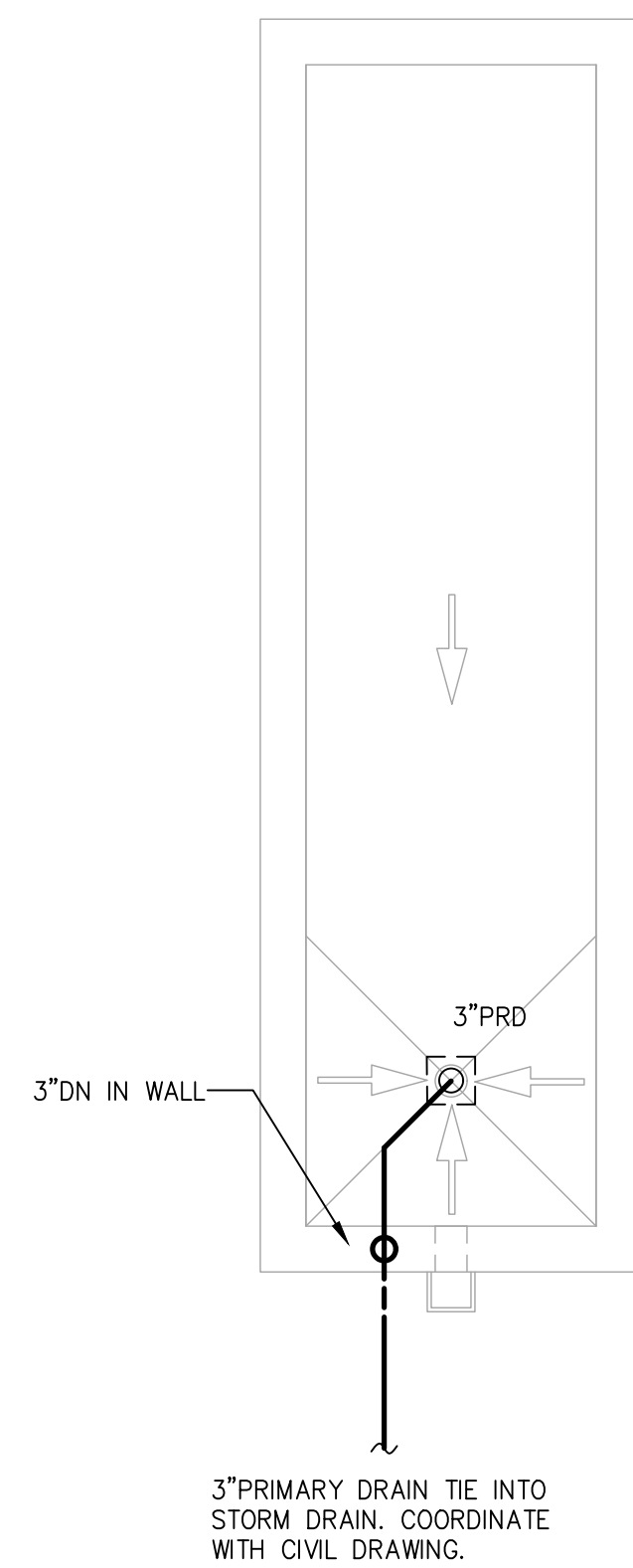
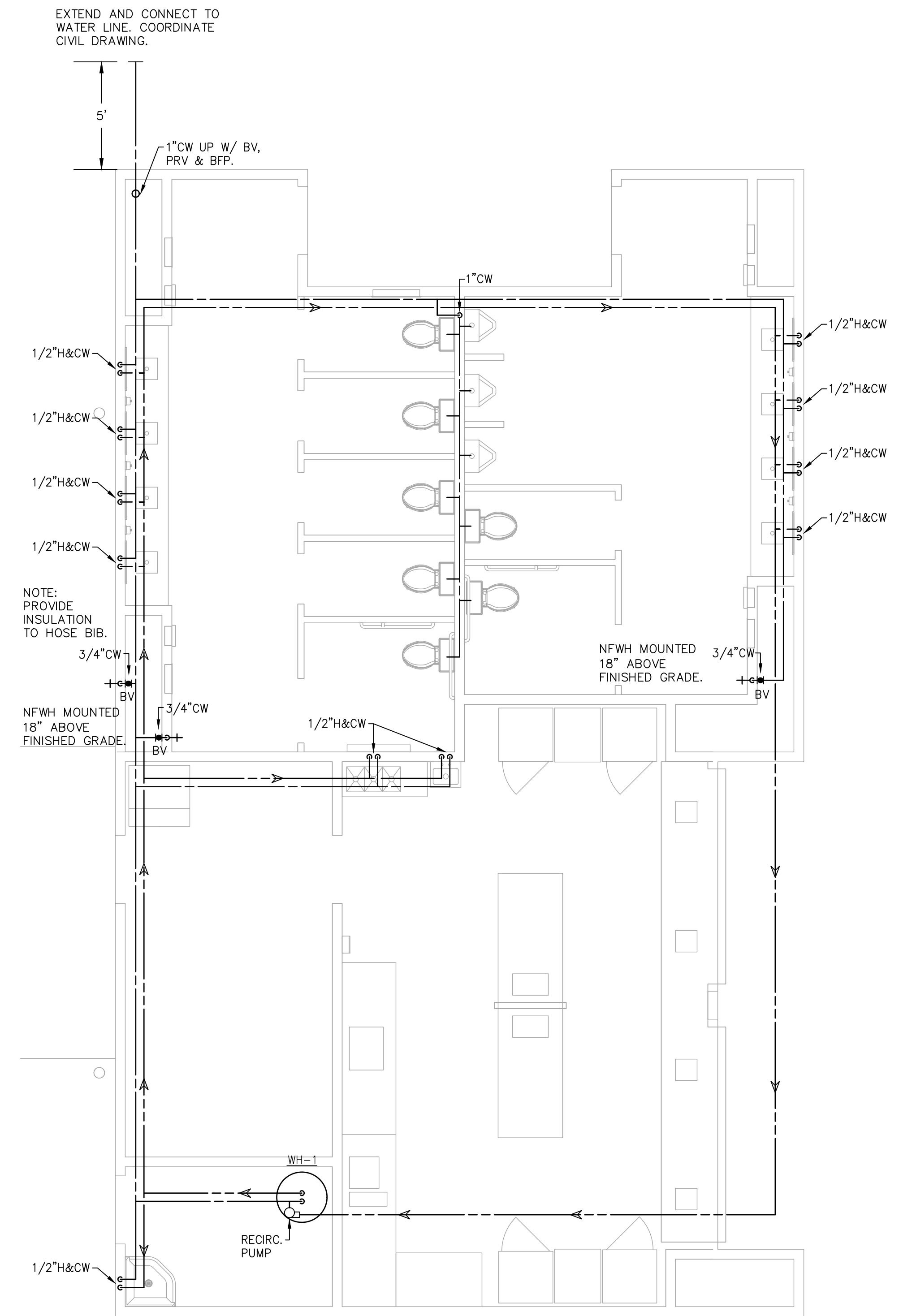




1 Plumbing - Sanitary Floor Plan
Scale: 1/4" = 1/0"

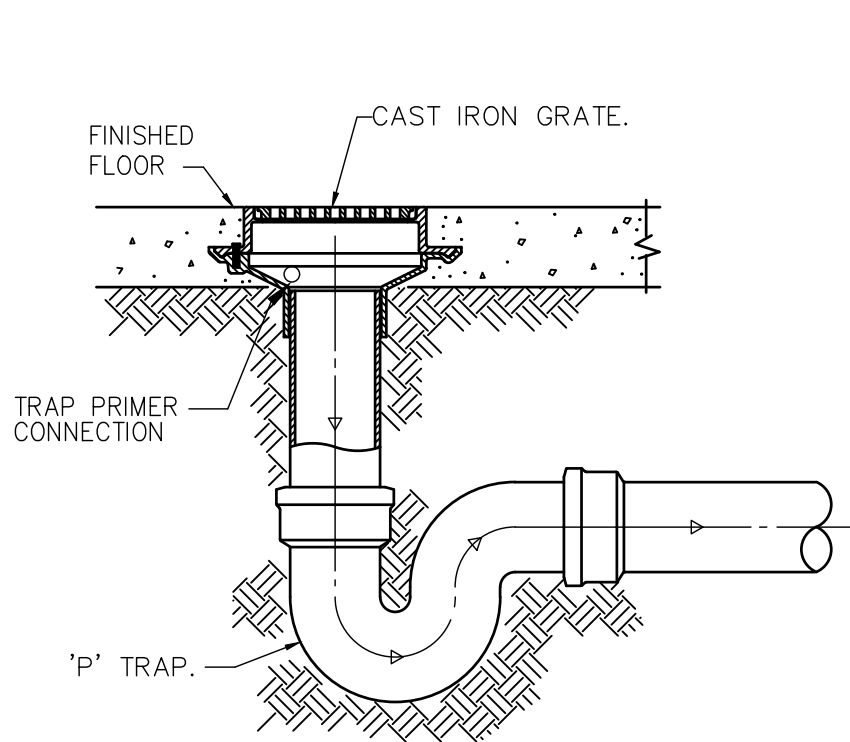


2 Plumbing - Booth Roof Plan
Scale: 1/4" = 1/0"

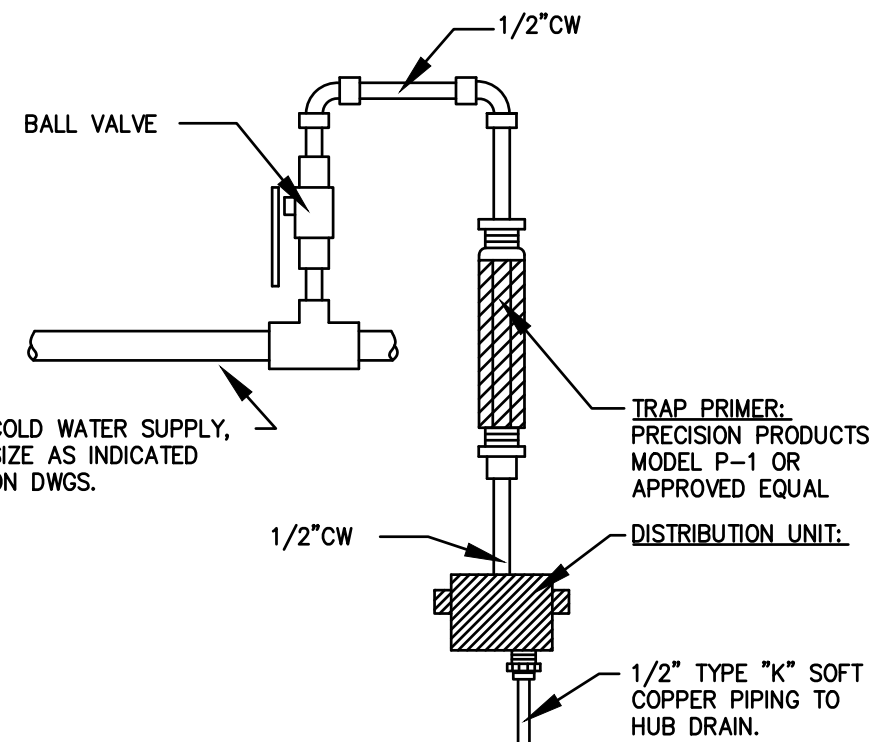


3 Plumbing - Water Floor Plan
Scale: 1/4" = 1/0"

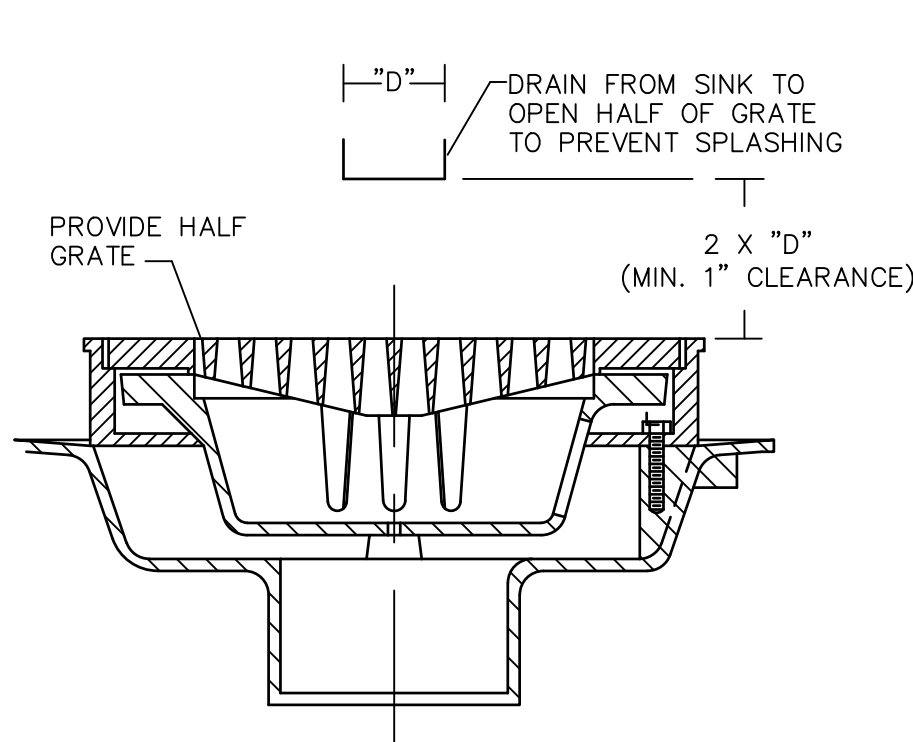
PLUMBING GENERAL NOTES:	
1. WORK COVERED BY THESE DOCUMENTS INCLUDES LABOR, MATERIAL, EQUIPMENT, FIXTURES AND SERVICES FOR AND INCIDENTAL TO, THE INSTALLATION OF THE PLUMBING SYSTEMS INDICATED WITHIN THESE CONSTRUCTION DOCUMENTS.	19. INTERIOR PIPING SHALL BE ROUTED PARALLEL AND PERPENDICULAR TO WALLS IN A WORKMANLIKE MANNER. PROVIDE OFFSETS AS REQUIRED TO AVOID INTERFERENCES WITH ARCHITECTURAL OR STRUCTURAL COMPONENTS.
2. PRIOR TO SUBMITTING A BID, THIS CONTRACTOR SHALL VISIT THE PROJECT SITE TO VERIFY FIELD CONDITIONS. PRIOR TO BID, NOTIFY ARCHITECT OF ANY DISCREPANCIES WHICH MAY HINDER THE INSTALLATION OF THE SYSTEM AS INDICATED ON THESE DOCUMENTS.	20. THE OWNER, OPERATOR, ARCHITECTURAL NOR ENGINEER ARE RESPONSIBLE FOR THE CONTRACTOR'S SAFETY PRECAUTIONS, MEANS AND METHODS, WORK TECHNIQUES, CONSTRUCTION SEQUENCE OR PROCEDURES REQUIRED TO COMPLETE THE WORK.
3. ALL CUTTING AND CORING OF THE EXISTING FLOORS, WALLS, ETC SHALL BE PATCHED AND SEALED TO MATCH THE EXISTING CONDITIONS.	21. SANITARY WASTE AND VENT PIPING LOCATED IN FIRE RATED WALL ASSEMBLIES SHALL BE CAST IRON WITH NO-HUB OR BELL AND SPIGOT FITTINGS.
4. ALL WORK SHALL BE PREFORMED TO COMPLY WITH LOCAL, STATE AND FEDERAL REGULATIONS. THIS CONTRACTOR IS RESPONSIBLE FOR THE LABOR AND COSTS ASSOCIATED WITH OBTAINING CONSTRUCTION PERMITS.	22. ALL FLOOR DRAINS TO HAVE TRAP PRIMER CONNECTIONS.
5. EXCEPT WHERE DIMENSIONS ARE SPECIFICALLY SHOWN, THESE DRAWINGS ARE DIAGRAMMATIC AND SHALL NOT BE SCALED. THE EQUIPMENT'S ACTUAL SIZE WAS USED IN THE DEVELOPMENT OF THESE DOCUMENTS.	23. SANITARY: ABOVE AND BELOW GRADE SERVICE WEIGHT CAST IRON, NO-HUB PLAIN END MEETING ASTM A-888 AND CISPI STANDARD 301. ABOVE GRADE SERVICE WEIGHT CAST IRON HUB & SPIGOT ASTM A24-72 OR SCHEDULE 40 PVC DWV PIPE. PVC MAY BE USED IF APPROVEDBY LOCAL AUTHORITY HAVING JURISDICTION.
6. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR DIMENSIONS AND PENETRATION LOCATIONS.	24. FITTINGS AND JOINTS: SERVICE WEIGHT CAST IRON, NO-HUB, PLAIN END MEETING ASTM A-888 AND CISPI STANDARD 301, COUPLINGS SHALL BE STAINLESS STEEL, HEAVY DUTY, NO-HUB PVC SOCKET TYPE, SOLVENT WELDED PVC PLASTIC.
7. THE DOCUMENTS DO NOT SHOW ALL NECESSARY FITTINGS AND OFFSETS FOR A COMPLETE INSTALLATION. ALTHOUGH NOT SHOWN, IT IS THIS CONTRACTOR'S RESPONSIBILITY TO PROVIDED ALL NEEDED FOR A COMPLETE AND FUNCTIONING SYSTEM UPON THE COMPLETION OF THE PROJECT.	25. DOMESTIC WATER: ABOVE GRADE DOMESTIC WATER PIPE: TYPE L HARD DRAWN COPPER TUBING WITH WROUGHT COPPER FITTINGS, SOLDERED JOINTS, LEAD FREE SOLDER. PROVIDE 3/4" THICK FOR COLD WATER AND 1" THICK FOR HOT WATER PIPING, FIBERGLAS OR ARMAFLEX INSULATION. BELOW GRADE DOMESTIC WATER PIPING: TYPE K HARD DRAWN COPPER. NO JOINTS SHALL BE MADE BELOW GRADE.
8. PRIOR TO ORDERING ANY EQUIPMENT, THIS CONTRACTOR SHALL COORDINATE WITH THE ELECTRICAL SUBCONTRACTOR AND GENERAL CONTRACTOR. THIS CONTRACTOR SHALL PROVIDE, PHASE, AMPERAGE, AND VOLTAGE OF ALL EQUIPMENT TO THE ELECTRICAL SUBCONTRACTOR AND WEIGHTS AND DIMENSIONS TO THE GENERAL CONTRACTOR. ANY COST ISSUES SHALL BE DETERMINED PRIOR TO ORDERING THE EQUIPMENT.	26. ALL EQUIPMENT, FIXTURES, PIPING, VALVES AND FITTINGS SHALL BE CLEANED OF GREASE, OIL PINT, METAL SHAVINGS AND CONSTRUCTION DEBRIS BEFORE FINAL INSPECTION.
9. VALVES AND FITTINGS SHALL BE THE SAME SIZE AS THE PIPING IN WHICH THEY ARE INSTALLED.	27. VALVES: DOMESTIC WATER: NIBCO, CRANE, OR MILWAUKEE.
10. FOR ALL PENETRATIONS THROUGH EXTERIORS WALLS OR ROOF, SEAL WITH WATER PROOFING AND MAKE LEAK TIGHT.	28. INSTALLATION: ALL EQUIPMENT AND PRODUCTS SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN REQUIREMENTS. PROVIDE ACCESS AND CLEARANCE FOR ALL EQUIPMENT REQUIRING MAINTENANCE.
11. FOR ALL PENETRATIONS THROUGH FIRE RATED WALLS, FLOORS AND BARRIERS PROVIDE FIRE STOPPING TO MAINTAIN FIRE RATING.	29. GAS PIPING SHALL BE ROUTED FROM THE GAS METER, THRU EXTERIOR WALL AND UP INTO ROOF STRUCTURE. PIPING SHALL BE ROUTED TO EQUIPMENT TIGHT TO ROOF STRUCTURE.
12. PROVIDE PIPE SUPPORTS AS REQUIRED BY THE LOCAL CODES IN EFFECT AS AS NECESSARY TO PREVENT SWAY.	30. TESTING: TEST SANITARY AND VENT PIPING PRIOR TO THE INSTALLATION OF FIXTURES. HYDROSTATIC TEST SHALL BE PERFORMED WITH PIPE CAPPED AT FIXTURE CONNECTIONS. FILL PIPING WITH WATER AND ALLOW TO STAND FOR ONE HOUR.
13. CHANGES IN DIRECTION OF SANITARY PIPING SHALL NOT BE MADE WITH FITTINGS WHICH WILL REDUCE THE FLOW VELOCITY OR CREATE ANY OTHER ADVERSE EFFECT ON THE GRAVITY FLOW OF THE SYSTEM.	31. TEST DOMESTIC WATER PIPING PRIOR TO THE INSTALLATION OF FIXTURES. HYDROSTATIC TEST SHALL BE PERFORMED WITH PIPE CAPPED AT FIXTURE CONNECTIONS. HYDROSTATIC TEST PRESSURE SHALL BE 125 PSI AND HELD FOR ONE HOUR.
14. ROUTE ALL PIPING CONCEALED ABOVE CEILINGS, WITHIN WALLS, OR CHASES AS SHOWN IN THESE DOCUMENTS. PIPING ROUTED IN EXPOSED AREAS SHALL BE HELD TIGHT TO STRUCTURE AND PAINTED TO MATCH THE SURROUNDING STRUCTURE. PIPING IN MECHANICAL SPACES DO NOT REQUIRE PAINTING.	32. DOMESTIC WATER PIPING SHALL BE DISINFECTED PRIOR TO BEING BACK INTO SERVICE. DISINFECTION SHALL MEET THE REQUIREMENTS OF AWWA AND THOSE OF THE LOCAL AUTHORITY.
15. PROVIDE ACCESS PANELS FOR ALL VALVES. FIELD COORDINATE ACCESS PANEL LOCATIONS.	33. ALL PLUMBING FIXTURES SHALL BE HIGH EFFICIENCY.
16. CONTRACTOR SHALL FIELD VERIFY INVERT ELEVATIONS PRIOR TO INSTALLATION AND AT THE INITIAL SITE VISIT.	34. CONTRACTOR SHALL VERIFY LOCATION OF EXISTING WATER AND SANITARY.
17. CONTRACTOR SHALL INSTALL DIELETRIC UNIONS AT CONNECTIONS OF DISSIMILAR METALS.	35. 3 COMPARTMENT SINK AND PREP SINK WILL HAVE AN AIR GAP.
18. CONTRACTOR SHALL ROUGH-IN ALL WASTES AND SUPPLIES TO EQUIPMENT USING MANUFACTURER'S CERTIFIED SHOP DRAWINGS AND MAKE FINAL CONNECTIONS. ALL SUPPLIES SHALL BE VALVED IN AN ACCESSIBLE LOCATION. INSTALL VACUUM BREAKERS WHERE REQUIRED BY LOCAL AUTHORITIES.	36. FLOOR SINK TO ACCOMMODATE AIR GAP CONFIGURATION. PVC TYPE WITH 1/2 GRATE, TOP SURFACE TO BE FLUSH WITH FINISHED FLOOR. PVC IS PREFERRED FOR COST SAVING.
	37. ALL HAND SINKS MUST HAVE SPLASH GUARD.
	38. PROVIDE RETICULATION PUMP FOR HOT WATER. PUMP SHALL BE TACO 006e OR EQUAL BY BELL GOSSETT, OR ARMSTRONG,



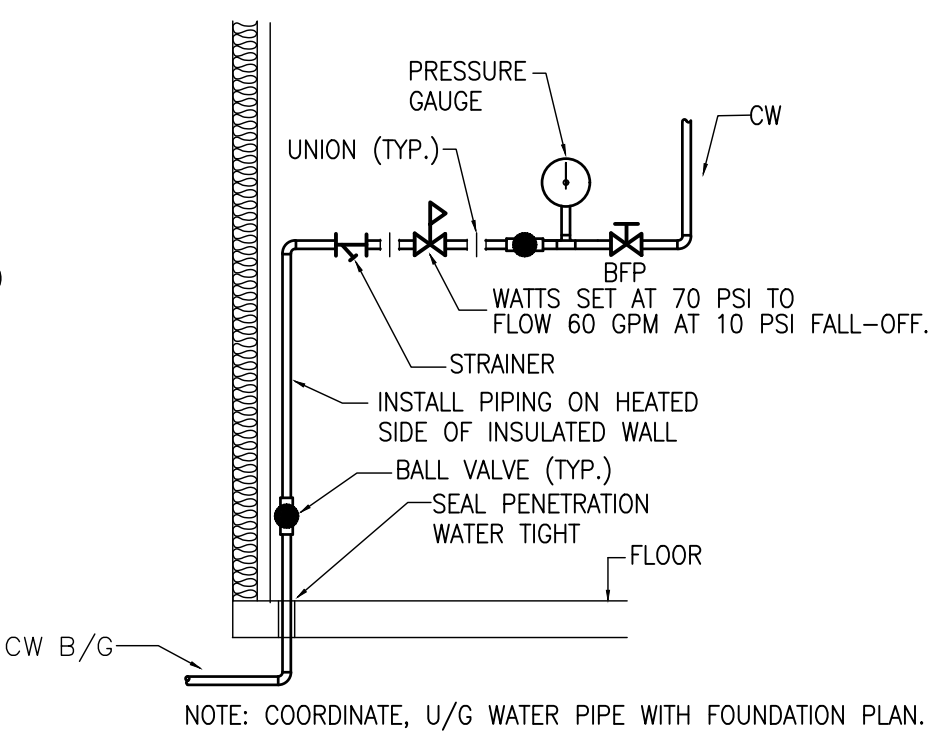
4 Floor Drain Detail
Scale: None



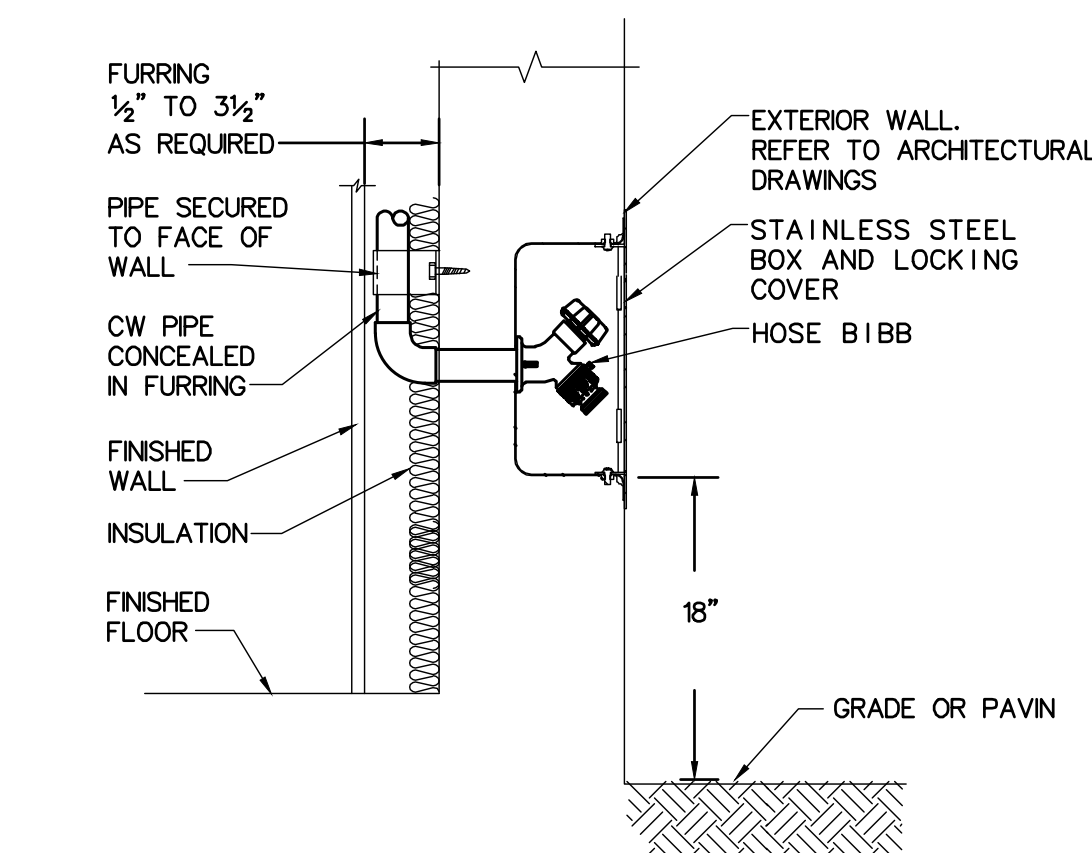
5 Trap Primer Detail
Scale: None



6 Air Gap Detail
Scale: None



7 Water Entrance Detail
Scale: None



8 Exterior Hose bib Detail
Scale: None

PLUMBING PIPING SCHEDULE			
SERVICE	MATERIAL	JOINTS	FITTINGS
SANITARY SEWER PIPES AND VENTS	CAST IRON	LEAD AND OAKUM	NO HUB
DOMESTIC HOT & COLD WATER INTERIOR	TYPE "L" HARD DRAWN COPPER	SOLDER 95/5	WROUGHT COPPER
DOMESTIC COLD WATER EXTERIOR	TYPE "K" HARD DRAWN COPPER	SOLDER 95/5	WROUGHT COPPER
CONDENSATE DRAIN	SCHEDULE 40 PVC	PVC SOLVENT	PVC SOLVENT
DOMESTIC WATER BENEATH FLOOR	TYPE "M" SOFT DRAWN COPPER	SOLDER 95/5	WROUGHT COPPER

FOR SANITARY SEWER PIPES AND VENTS: PVC MAY BE USED IF APPROVED BY LOCAL AUTHORITIES. PVC MAY NOT BE USED IN RETURN AIR PLENUMS

FIXTURE CONNECTION SCHEDULE					
ITEM	DESCRIPTION	WASTE	CW	HW	NOTES
①	WATER CLOSET- ADA ACCESSIBLE FIXTURE AND ACCESSORIES	3"	3/4"	-	②⑥
②	LAVATORY- ADA ACCESSIBLE FIXTURE AND ACCESSORIES	1 1/4"	1/2"	1/2"	①②③④⑤
③	URINAL - ADA ACCESSIBLE FIXTURE AND ACCESSORIES	2"	1/2"	-	⑥
WH-1	ELECTRIC WATER HEATER-50 GALLONS, 12KW AO SMITH DRE-52, 12KW	-	3/4"	3/4"	⑥

① CRANE CAST BRASS P-TRAP #JJ 8-5270 (SIZE AS REQUIRED) P-TRAPS IN CONCEALED SPACES MAY BE PVC.

② McGUIRE HEAVY LAVATORY SUPPLY STOP #H216SCCLK W/ CHROME RISER TUBE (TYP. 2) OR McGUIRE HEAVY CLOSET SUPPLY STOP #H216CCCLK W/ CHROME RISER TUBE.

③ FIXTURES SHALL HAVE THE MAXIMUM FLOW RATES OF:

WATER CLOSET: 1.28 GALLON PER FLUSH.
LAVATORY: 1.5 GALLON PER MINUTE
URINAL: 0.5 GALLONS PER FLUSH

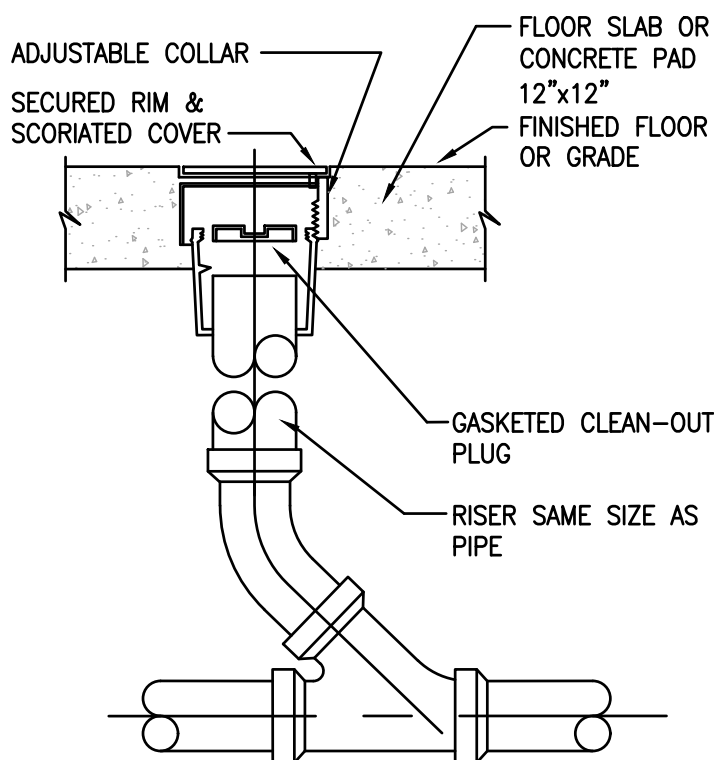
④ TRUEBRO LAV-GUARD, MODEL AS REQUIRED FOR P-TRAP AND ANGLE STOPS W/ SUPPLIES ASSEMBLIES.

⑤ FINAL CONNECTION BY PLUMBING CONTRACTOR.

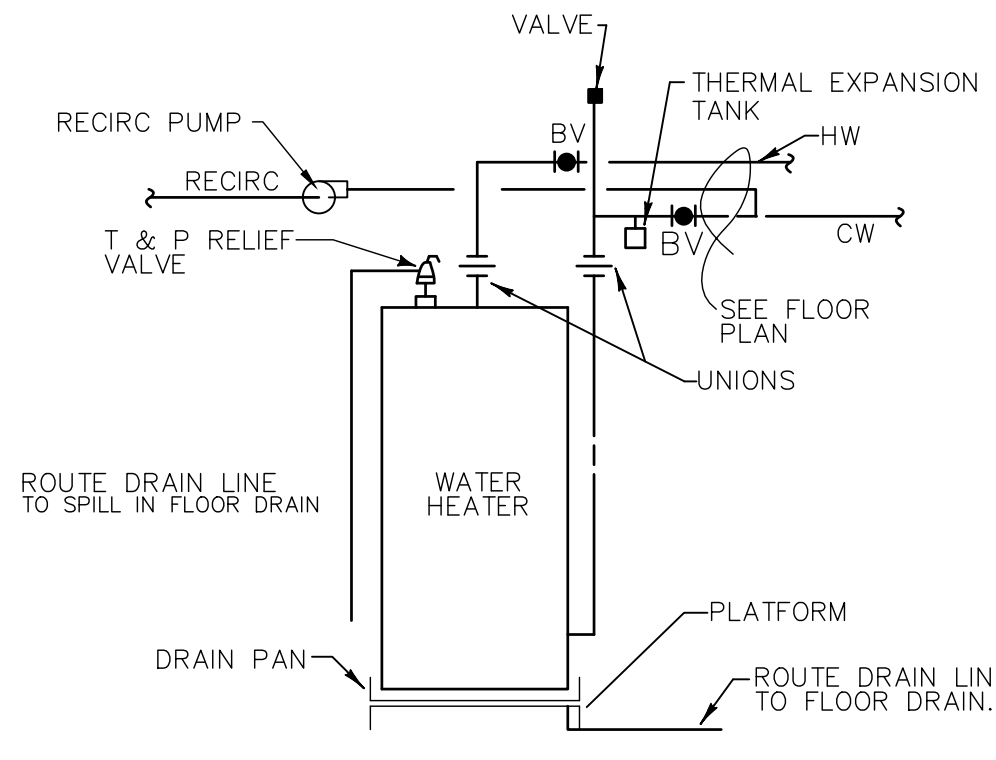
⑥ SET WATER HEATER DISCHARGE AT 120°F.

⑦ PROVIDE EXPANSION TANK, AMTROL ST-12, OR EQUAL

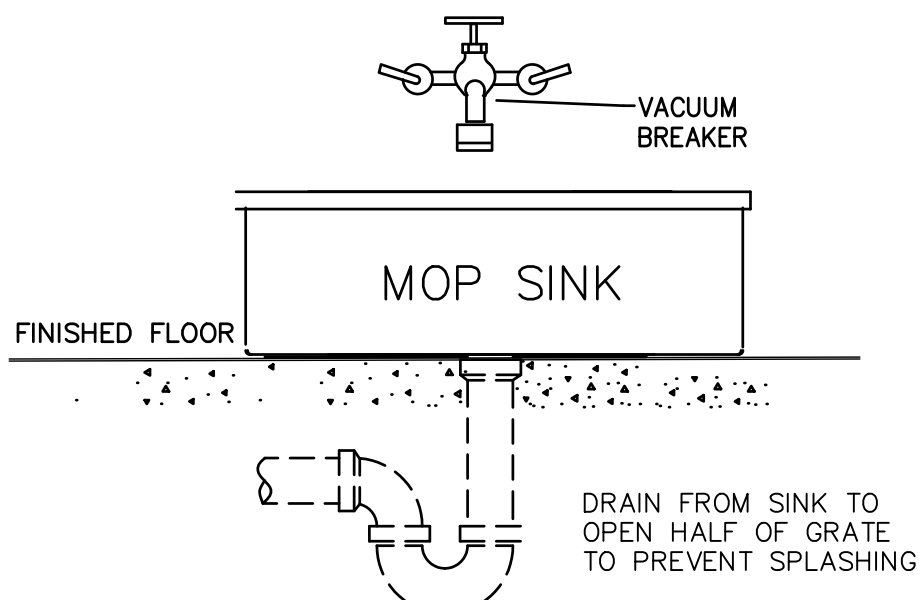
⑧ COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR.



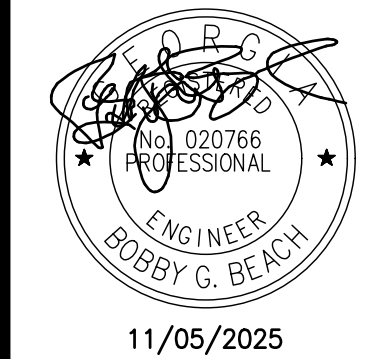
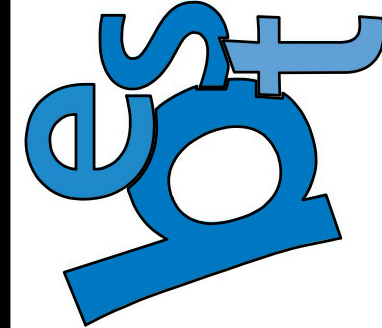
1 Cleanout Detail
Scale: None



2 Water Heater Detail
SCALE: NONE



3 Mop Sink Detail
Scale: None



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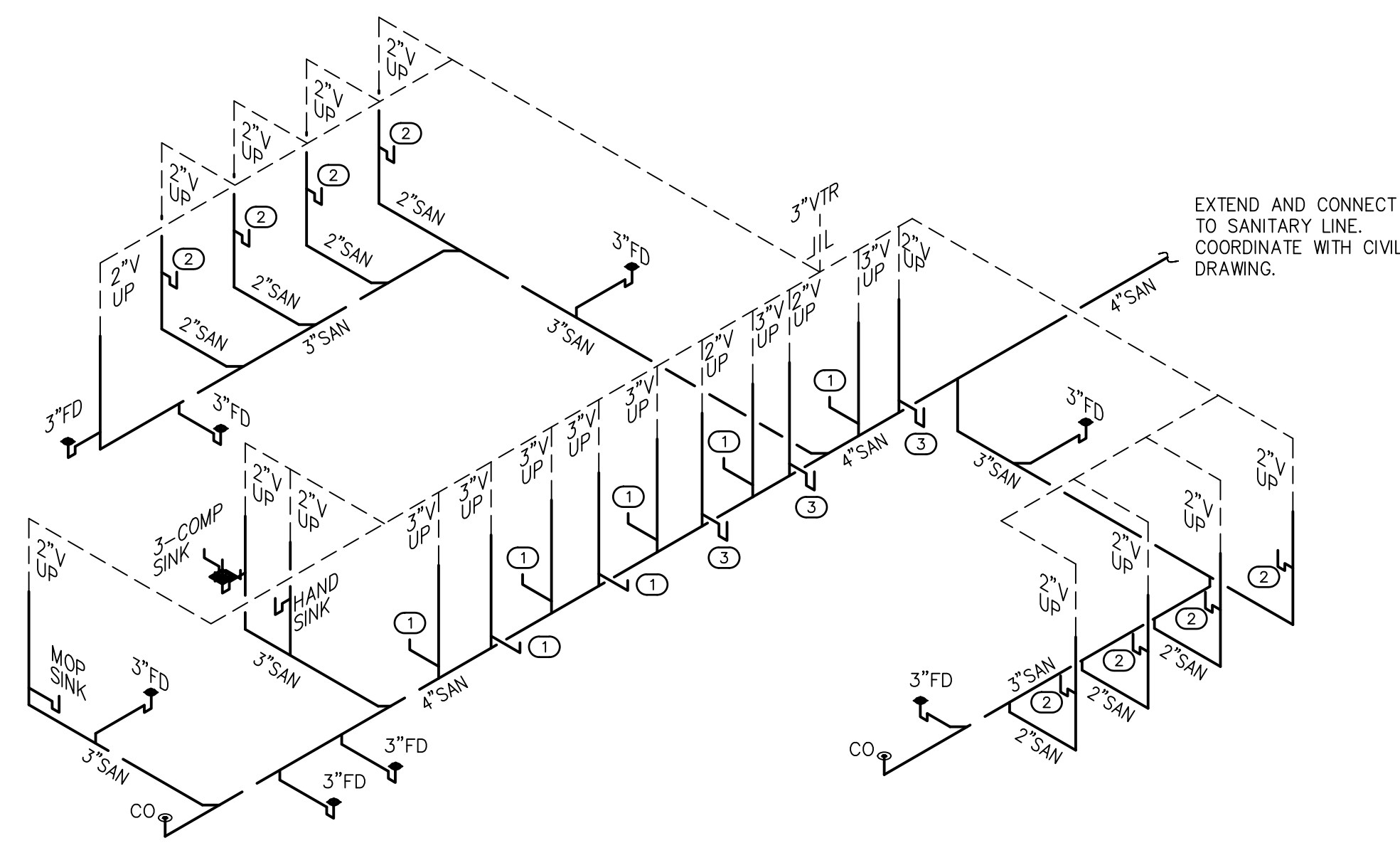
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HIGH SCHOOL- CONCESSIONS
5035 VERMACK RD.
DUNWOODY, GA 30338

REVISIONS:
ISSUED DATE: 11/05/2025

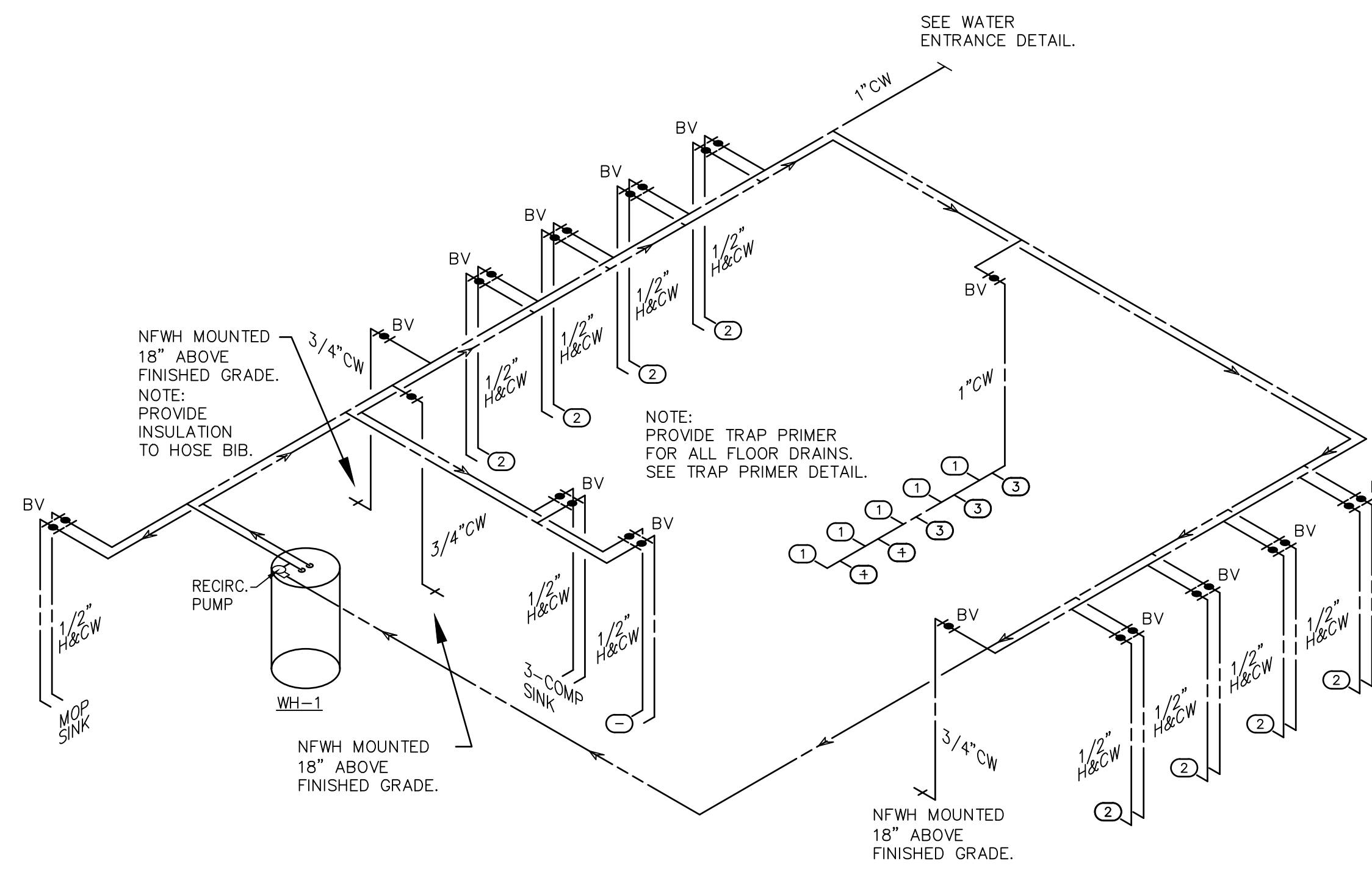
PLUMBING -
NOTES,
SCHEDULES,
& DETAILS

P201

Project: 25-473



1 Sanitary Riser
Scale: None



1 Water Riser
Scale: None