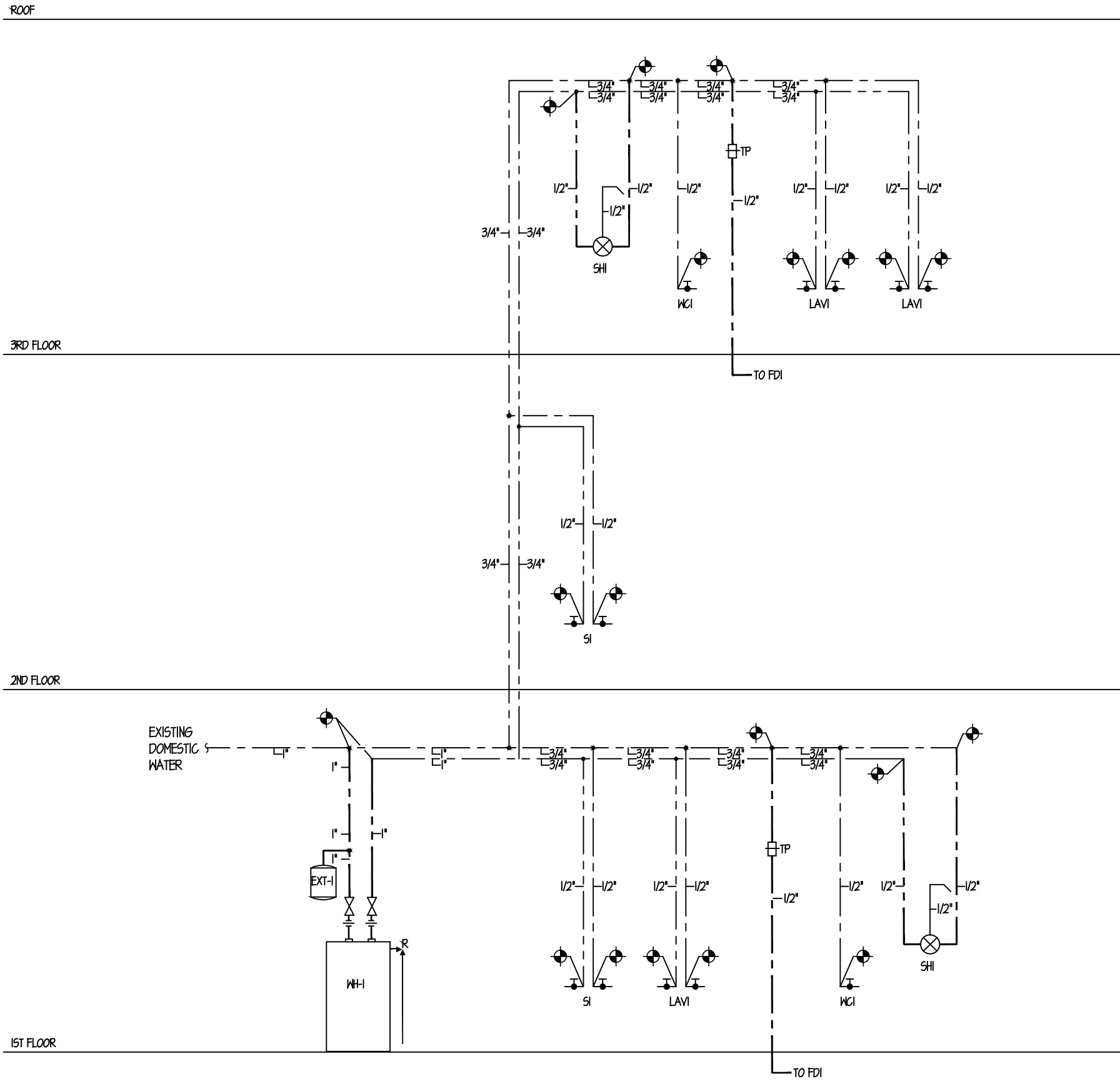
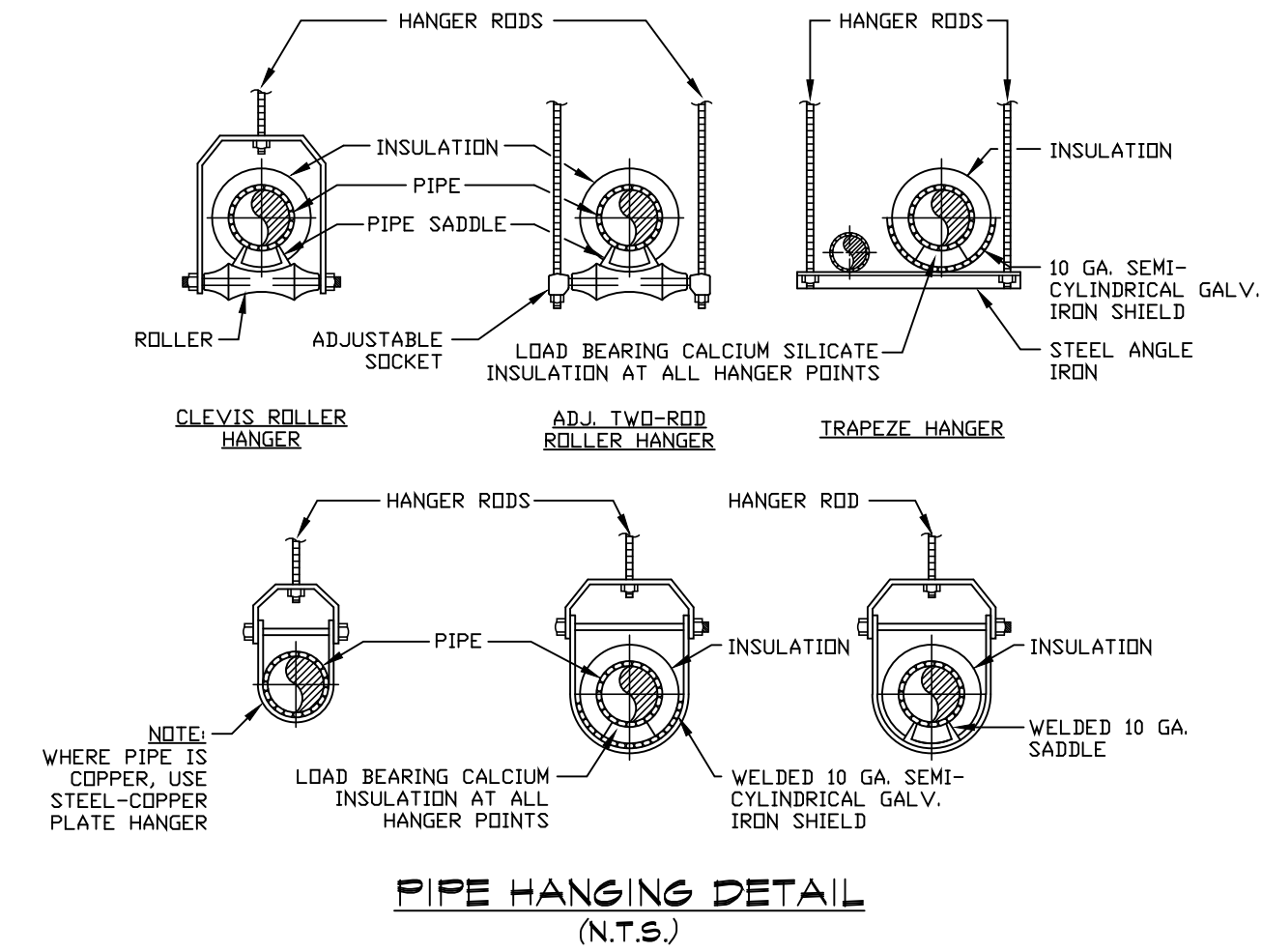


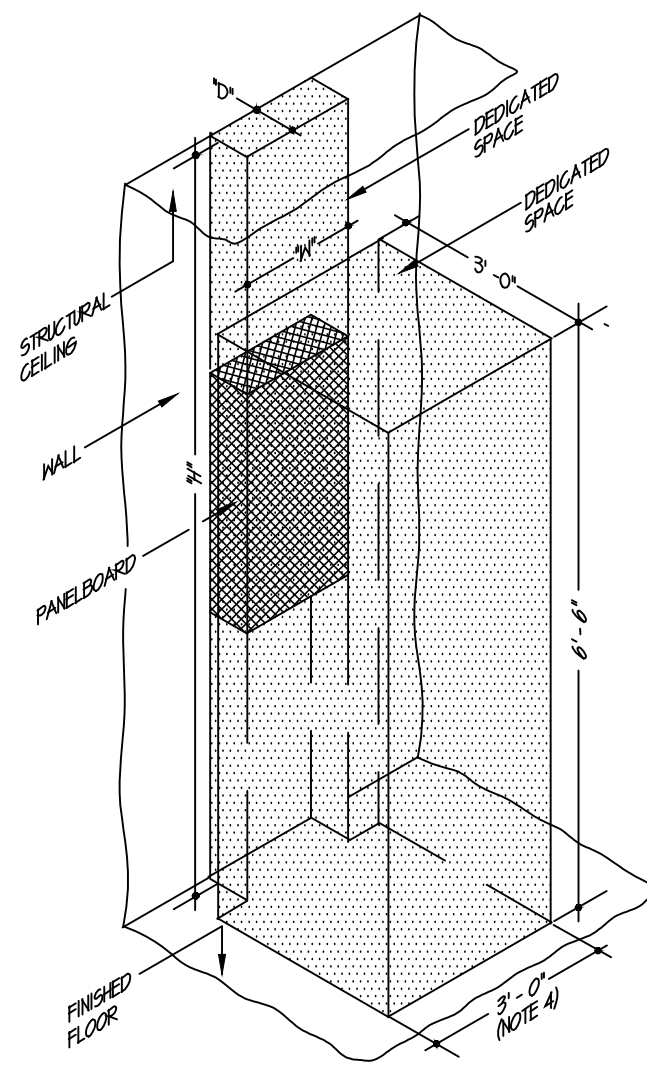
TYPICAL SANITARY RISER DIAGRAM
SCALE: NTS



TYPICAL DOMESTIC WATER RISER DIAGRAM
SCALE: NTS

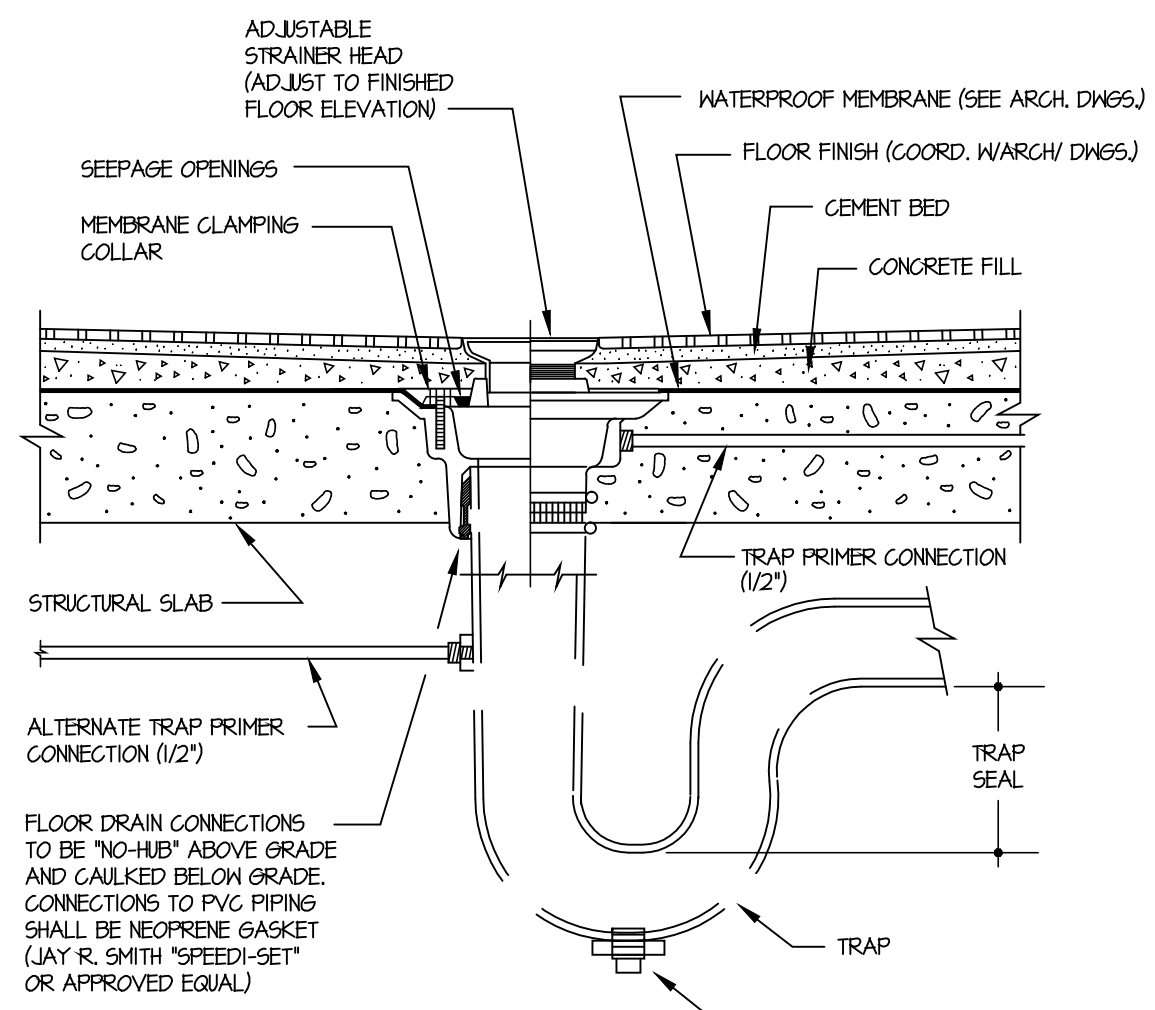


PIPE HANGING DETAIL
(N.T.S.)



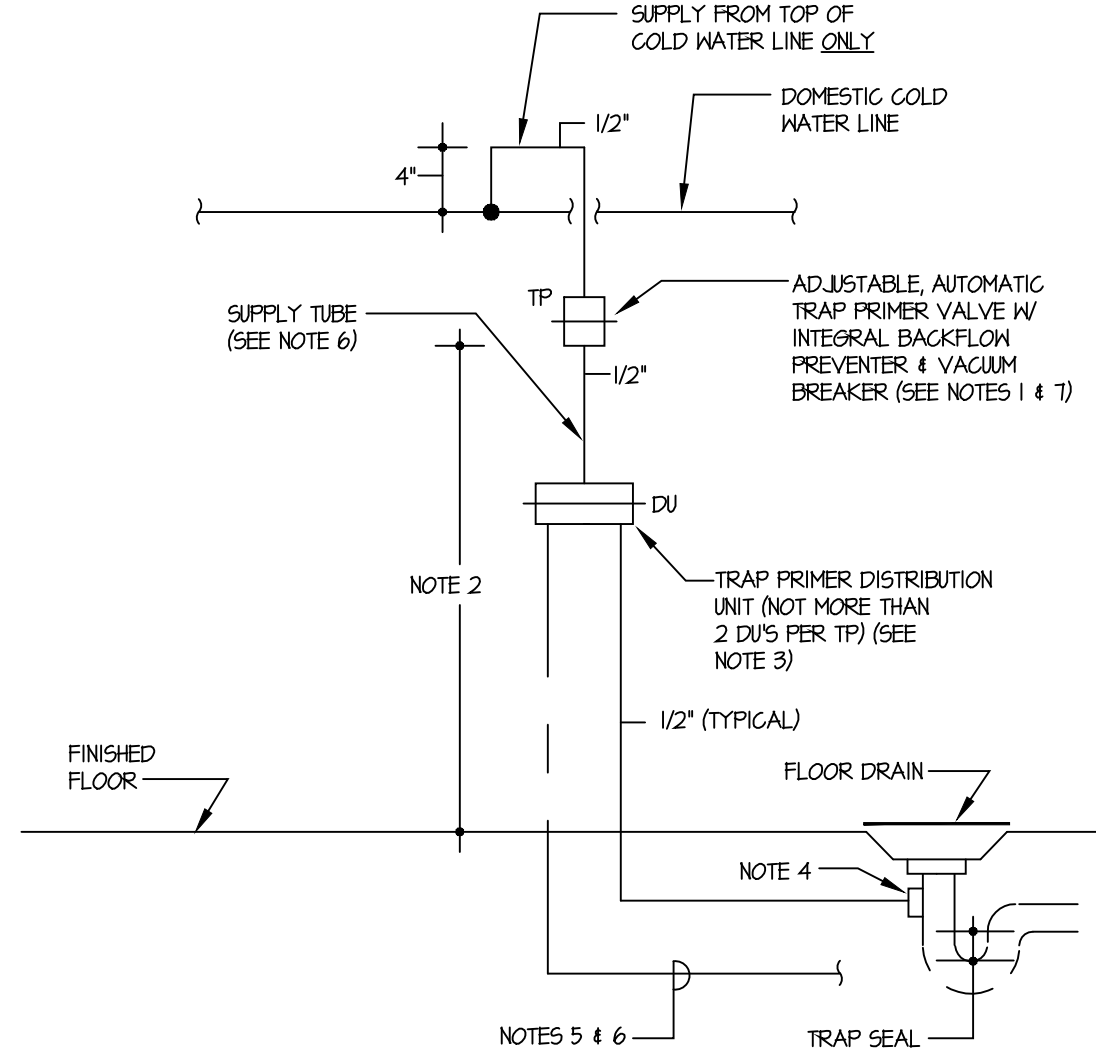
DEDICATED SPACE AROUND ELECTRICAL PANELS
(NOT TO SCALE, DIMENSIONS AS NOTED)

- NOTES:
- DIMENSIONS "D" AND "H" ARE ELECTRICAL PANEL DEPTH AND HEIGHT, RESPECTIVELY. COORDINATE THESE DIMENSIONS WITH THE ELECTRICAL EQUIPMENT SHOP DRAWINGS.
 - DIMENSION "W" SHALL BE THE DISTANCE FROM FINISHED FLOOR TO STRUCTURAL CEILING, OR 25'-0" MINIMUM FOR ELEVATED SPACE.
 - NO TYPE, SIZE, ARCHITECTURAL APPROPRIATENESS OR OTHER ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE INSTALLED WITHIN THE DEDICATED SPACE.
 - THE THREE FOOT FREE SECTION OF THE DEDICATED SPACE SHALL BE PERMITTED TO OVERLAP WITH THE DEDICATED SPACE REQUIREMENT FOR ADJACENT PANELS/ENCLOS.
 - SUSPENDED ACoustical CEILINGs SHALL NOT BE CONSIDERED TO BE STRUCTURAL.



TYPICAL FLOOR DRAIN DETAIL FOR
FINISHED FLOORS WITH MEMBRANES
(N.T.S.)

- NOTES:
- TRAP SEAL SHALL BE MINIMUM 2" FOR FLOOR DRAINS EQUIPPED WITH TRAP PRIMER SUPPLY.
 - WHERE FLOOR DRAINS ARE NOT INDICATED ON PLAN TO BE FURNISHED WITH TRAP PRIMER SUPPLY, PROVIDE DEEP SEAL TRAP MINIMUM 4" TRAP SEAL.



TRAP PRIMER INSTALLATION DETAIL FOR
SUPPLY OF MULTIPLE F.D. TRAPS
(N.T.S.)

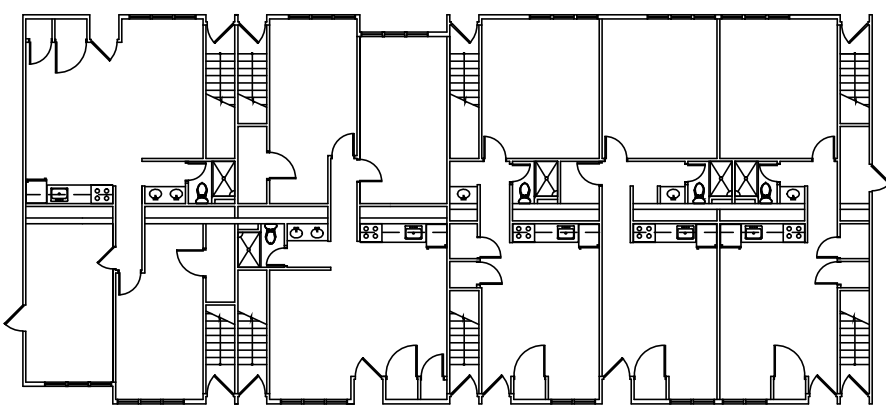
- NOTES:
- ADJUSTABLE TRAP PRIMER VALVE SHALL BE JOSAM CO. #80280 FOR 2 TO 4 F.D.'S. DO NOT LOCATE PRIMER VALVES WITHIN 40" OF ANOTHER PRIMER VALVE.
 - TRAP PRIMER VALVE SHALL BE MOUNTED VERTICALLY WITH BOTTOM OF UNIT LOCATED SUCH THAT HEIGHT ABOVE FLOOR/GRAB OF HIGHEST F.D. IS NOT LESS THAN ONE FOOT FOR EACH 20' OF RUN TO FURTHEST F.D.
 - FURNISH 4 INSTALL DISTRIBUTION UNITS AS FOLLOWS:

NO. OF F.D.'S	DISTRIBUTION UNITS
1	NONE REQUIRED
2	JOSAM CO. #80280
 - PRIMER CONNECTIONS @ TRAPS SHALL BE LOCATED ABOVE TRAP WATER SEAL & TRAP OUTLET WHERE PRIMER CONNECTIONS SHALL NOT BE MADE TO TRAP FLUWING INLETS.
 - PRIMER SUPPLIES TO TRAPS WHICH ARE EMBEDDED IN OR BURIED BELOW CONCRETE SLABS SHALL BE ANNEALED (SOFT) COPPER TUBE TYPE 1/2" WITH FLARED OR COMPRESSION FITTING (SOLDER JOINTS NOT PERMITTED). PRIMER SUPPLIES LOCATED ABOVE SLABS ON GRADE SHALL BE DRAWN (HARD) COPPER TUBE OF THE TYPE SPECIFIED FOR THIS PROJECT.
 - ALL LINES FROM DISTRIBUTION UNITS TO F.D.'S MUST PITCH TO F.D.
 - UPON COMPLETION OF THE INSTALLATION, ADJUST TRAP PRIMER VALVE TO ENSURE OPERATION UNDER ACTUAL OPERATING PRESSURE (DROPT, ENSURE VALVE CLOSURES WHEN PRESSURE STABILIZES, VERIFY FLOW TO ALL CONNECTED TRAPS.

Revisions

Date	Issue	Description
06-03-15	1	ISSUED FOR CONSTRUCTION
11-16-15	2	REVISED PER NJDOCA ELECTRONIC STAMP

Key Plan



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Date 04-23-15 Scale AS NOTED
Drawn By MD/Cad Checked By sg

PLUMBING RISER DIAGRAM & DETAILS

Work Order No. Dwg. No.

4698M P400