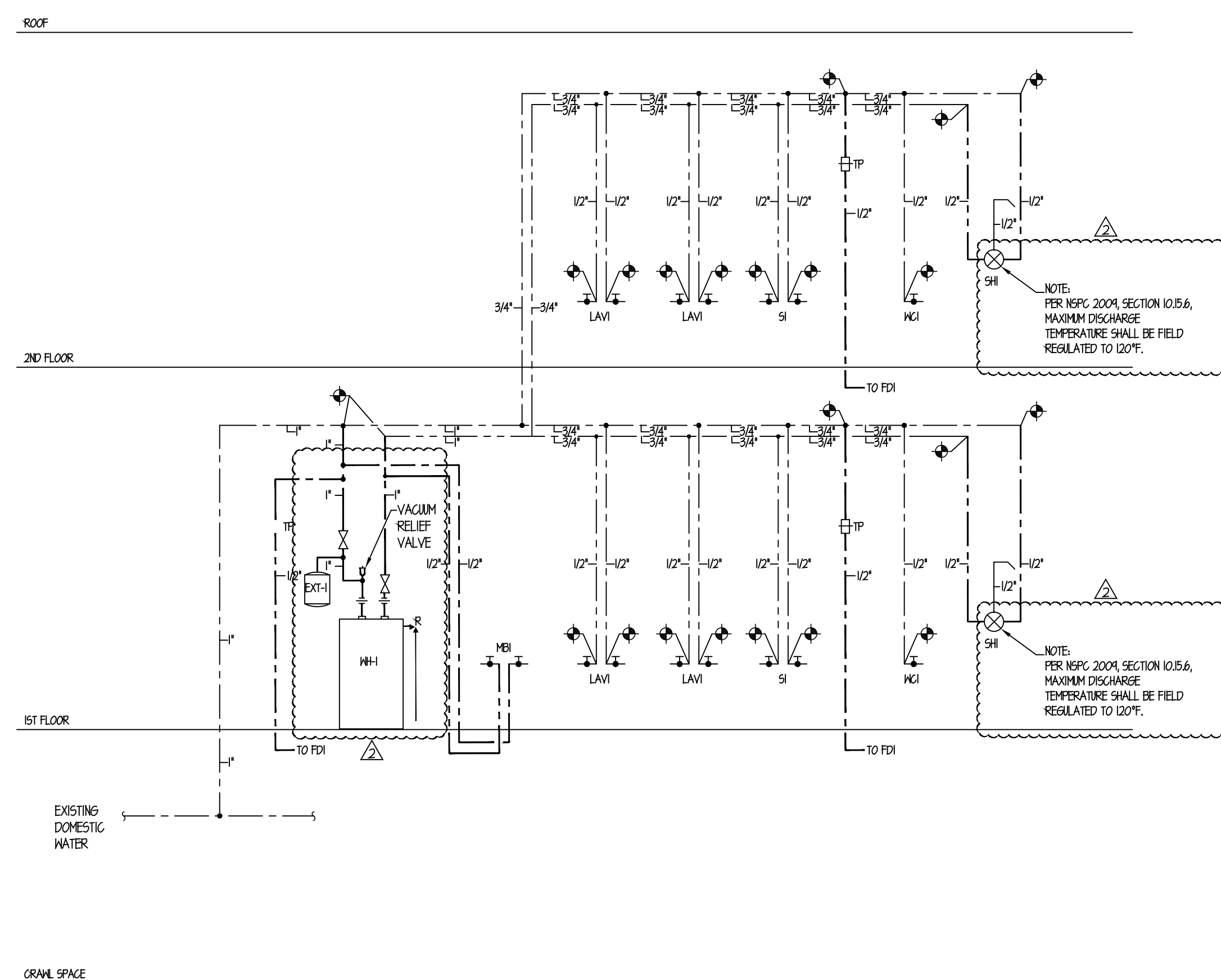
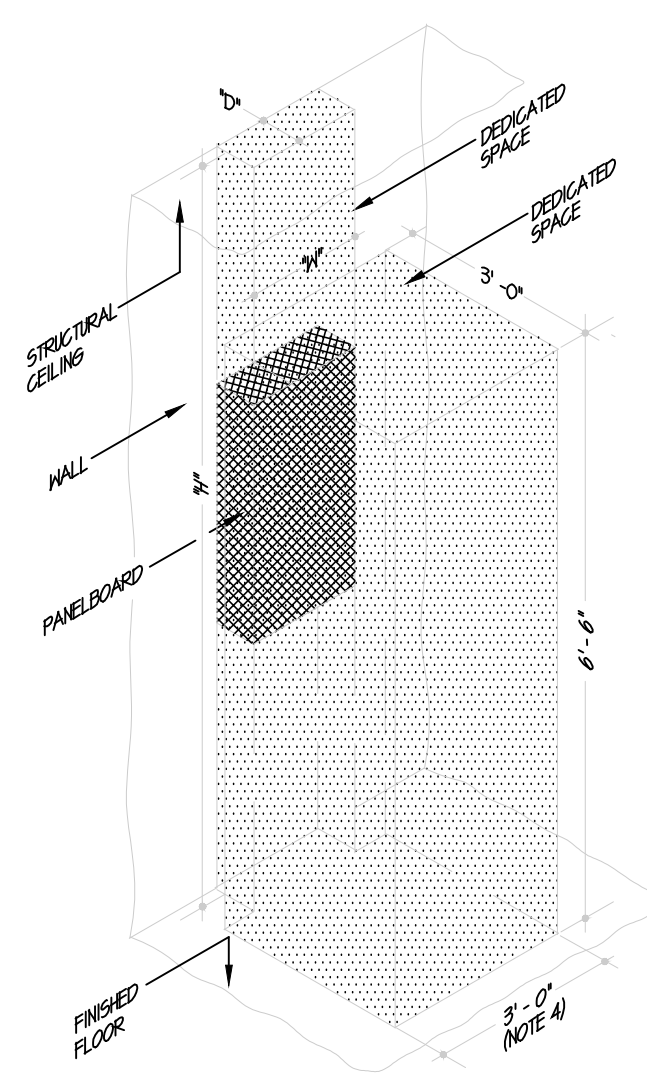
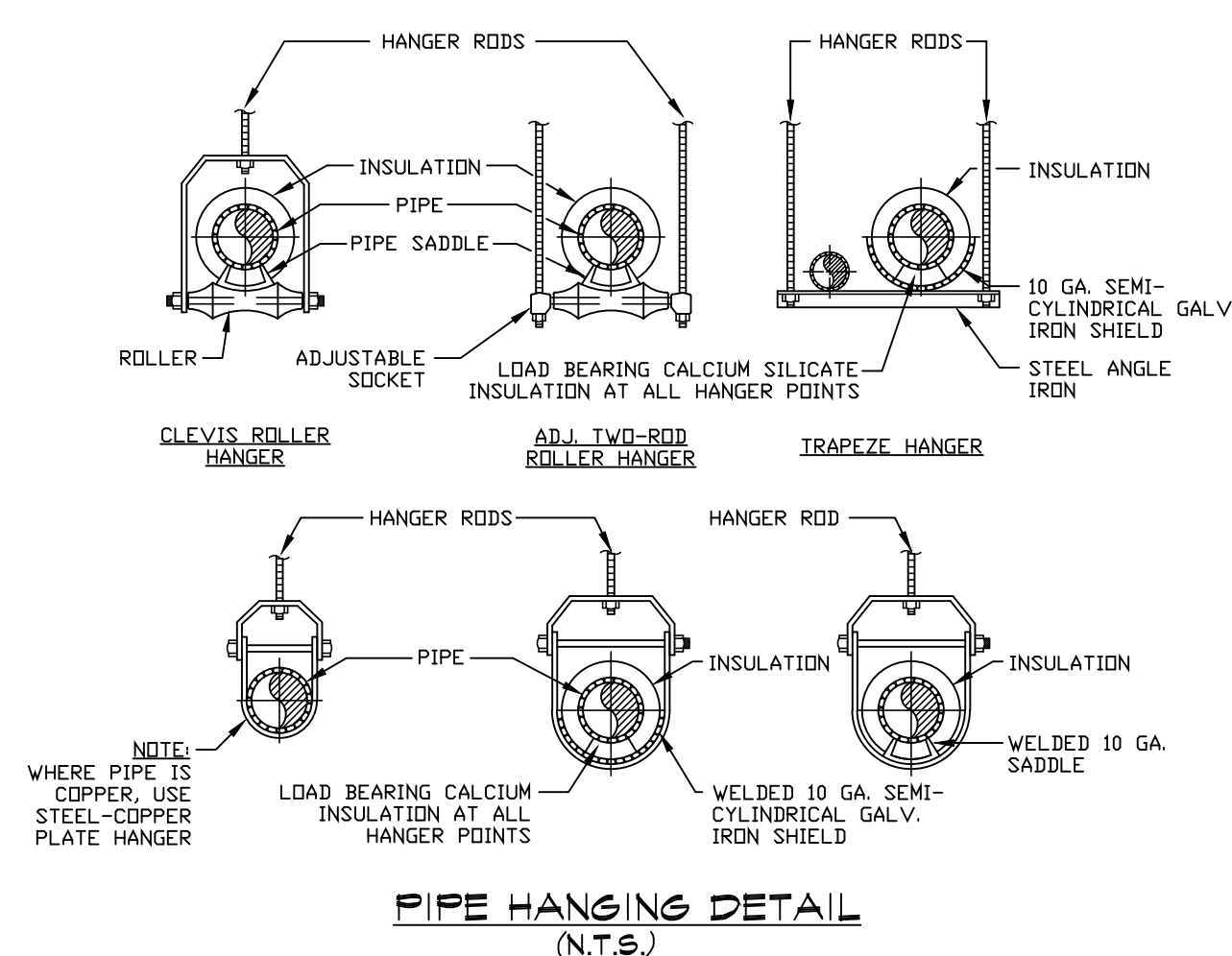


TYPICAL SANITARY RISER DIAGRAM  
SCALE: N.T.S.



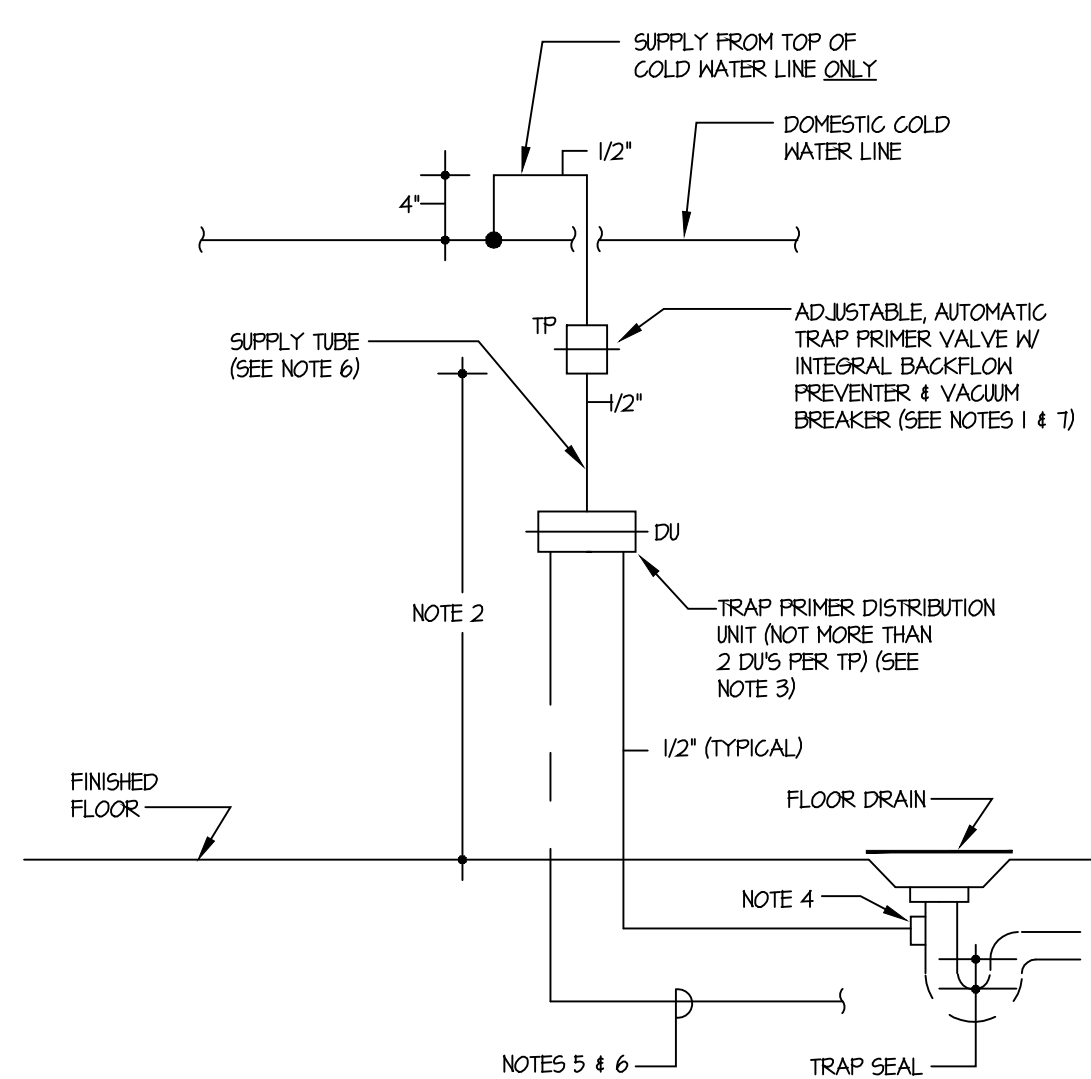
TYPICAL DOMESTIC WATER RISER DIAGRAM  
SCALE: N.T.S.



### DEDICATED SPACE AROUND ELECTRICAL PANELS

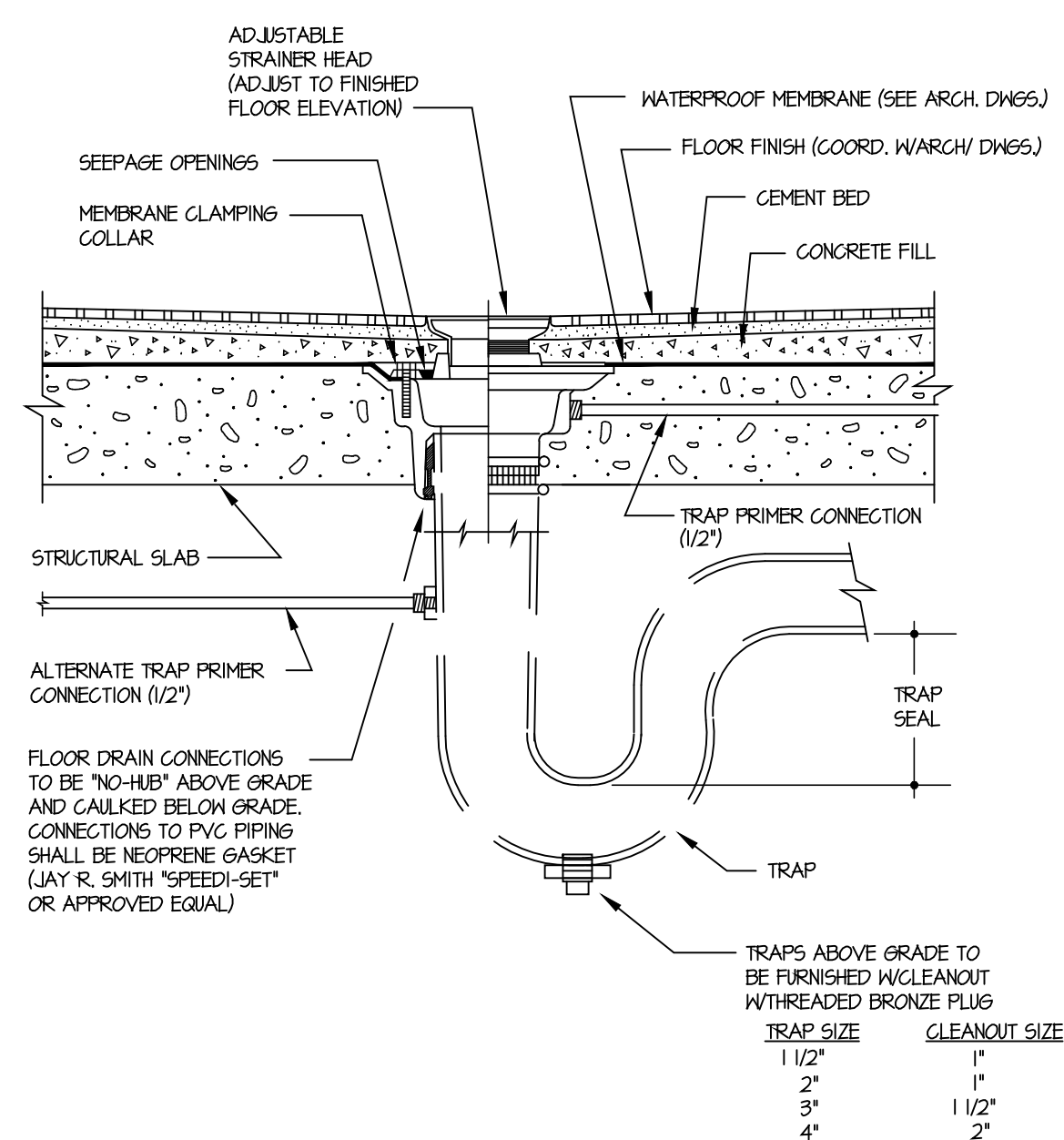
(NOT TO SCALE, DIMENSIONS AS NOTED.)

- NOTES:**
1. DIMENSIONS "D" AND "H" ARE ELECTRICAL PANEL DEPTH AND HEIGHT, RESPECTIVELY. COORDINATE THESE DIMENSIONS WITH THE ELECTRICAL EQUIPMENT SHOP DRAWINGS.
  2. DIMENSION "H" SHALL BE THE DISTANCE FROM FINISHED FLOOR TO STRUCTURAL CEILING, OR 25'-0", WHICHEVER IS LESS.
  3. NO PIPING, DUCTS, ARCHITECTURAL APPURTENANCES OR OTHER ELECTRICAL EQUIPMENT SHALL BE PERMITTED TO BE INSTALLED WITHIN THE "DEDICATED SPACE".
  4. THE THREE FOOT FLOOR SECTION OF THE DEDICATED SPACE SHALL BE PERMITTED TO OVERLAP WITH THE "DEDICATED SPACE" RESERVANT FOR ADJACENT PANELBOARDS.
  5. SUSPENDED ACOUSTICAL CEILING SHALL NOT BE CONSIDERED TO BE STRUCTURAL.



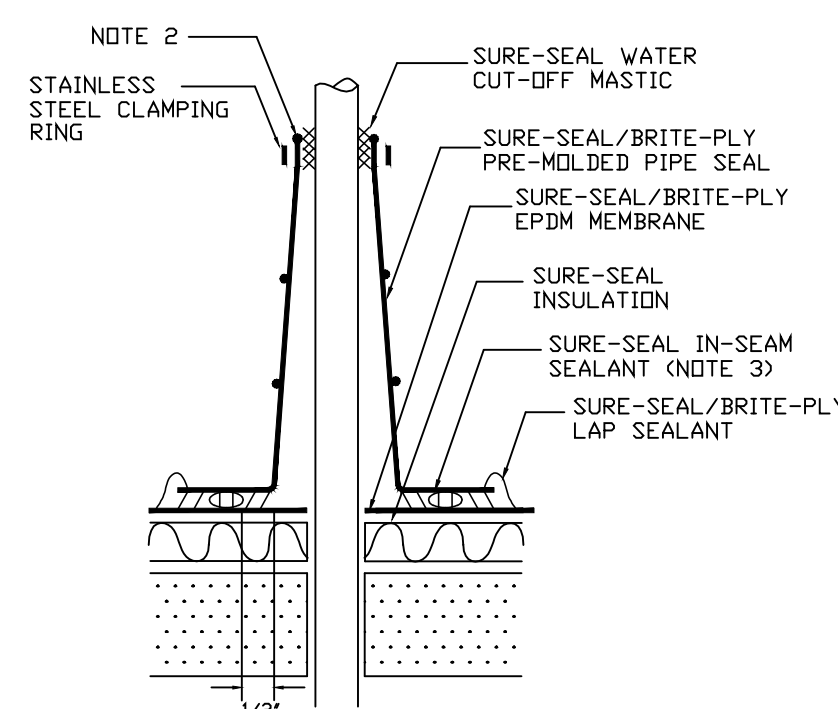
TRAP PRIMER INSTALLATION DETAIL FOR  
SUPPLY OF MULTIPLE F.D. TRAPS

- | NOTES  | NO. OF F.D.'S    | DISTRIBUTION UNIT(S) |
|--|------------------|----------------------|
| 1. ADJUSTABLE TRAP PRIMER VALVE SHALL BE JOHAN CO. #80280 FOR 2 TO 4 F.D.'S. DO NOT LOCATE PRIMER VALVES WITHIN 5' OF ANOTHER VALVE.   | 1                | ONE REQUIRED         |
| 2. TRAP PRIMER VALVE SHALL BE MOUNTED VERTICALLY WITH BOTTOM OF UNIT LOCATED SUCH THAT HEIGHT ABOVE FLOOR OF UNIT IS NOT LESS THAN 18" AND NOT MORE THAN ONE FOOT FOR EACH 20' OF RUN TO FORTIETH FLD.   | 2                | TWO REQUIRED         |
| 3. PURNISH 4 INSTALL DISTRIBUTION UNITS AS FOLLOWS:  |                  |                      |
|  | NO. OF F.D.'S    | DISTRIBUTION UNIT(S) |
| 1  | 2                | ONE REQUIRED         |
| 2  | JOHAN CO. #80280 |                      |
| 4. PRIMER CONNECTIONS @ TRAPS SHALL BE LOCATED ABOVE TRAP WATER SEAL 4" TRAP OUTLET NER, PRIMER CONNECTIONS SHALL NOT BE MADE TO TRAP WATER SEAL.  |                  |                      |
| 5. PRIMER SUPPLIES TO TRAPS WHICH ARE EMBEDDED IN OR BURIED BELOW CONNECTION SLABS SHALL BE ANNEALED (SOFT) PIPE, TYPE "W" WITH FITTINGS FOR ANNEALED PIPE FITTINGS (GOLDEN UNITS NOT PERMITTED). PRIMER SUPPLIES LOCATED ABOVE SLABS ON GRADE SHALL BE DRAWN HARDY COPPER PIPE OF THE TYPE SPECIFIED FOR THE APPLICATION. |                  |                      |
| 6. ALL LINES FROM DISTRIBUTION UNIT(S) TO F.D.'S MUST FITCH TO 1/2".   |                  |                      |
| 7. UPON COMPLETION OF THE INSTALLATION ADJUST PRIMER VALVE TO ENSURE OPERATION UNDER ACTUAL OPERATING PRESSURES. ENSURE PRIMER VALVE RESIZES WHEN PRESSURE STABILIZES, VERIFY FLOW TO ALL CONNECTIONS.   |                  |                      |



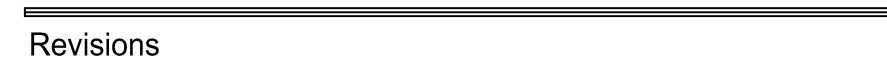
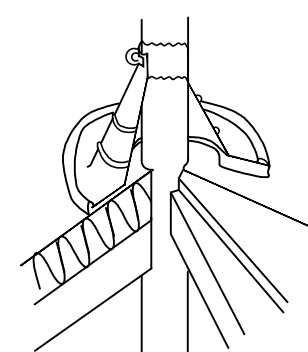
### TYPICAL FLOOR DRAIN DETAIL FOR FINISHED FLOORS WITH MEMBRANES

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



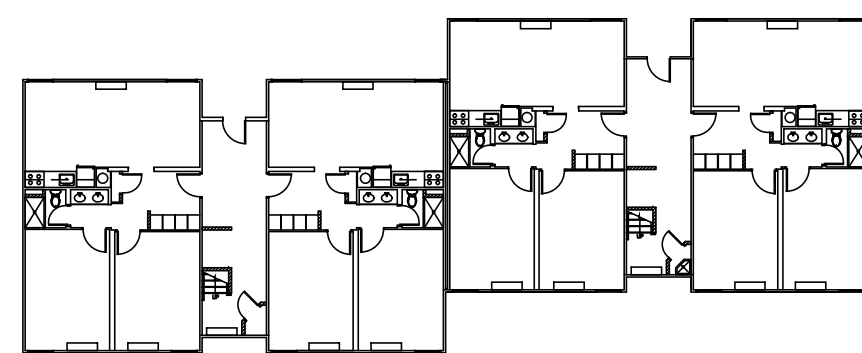
FLASHING DETAIL FOR PIPES  
4" & SMALLER THRU ROOF

- NOTES:**
1. COORDINATE ALL FLASHING DETAILS THE ARCHITECTURAL DRAWINGS AND ROOFING SHOP DRAWING DETAILS.
  2. PRE-MOLDED PIPE SEAL MUST HAVE INTACT RIB AT TOP EDGE, REGARDLESS OF PIPE DIAMETER.
  3. APPLY IN-SEAM SEALANT 1/2 INCH FROM INSIDE EDGE OF PIPE SEAL FLANGE.



Date	Issue	Description
06-03-15	1	ISSUED FOR CONSTRUCTION
11-16-15	2	REVISED PER NJDCA ELECTRONIC STAMP AND PER DCA COMMENTS

### Key Plan



## Consultants

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## Project

## INTERIOR RENOVATIONS AT THE SCIENCE - H RESIDENCE



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## Client



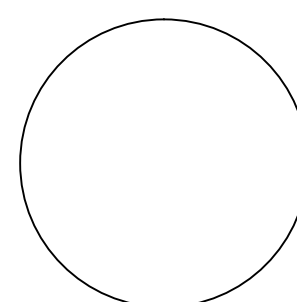
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Cert./Lic. No.			
Date	02-03-15	Scale	A5 NOTED
Drawn By	MD	Checked By	SG
Dwg. Title			
PLUMBING RISER DIAGRAMS & DETAILS			

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Work Order No.
Dwg. No.

4698H P300

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