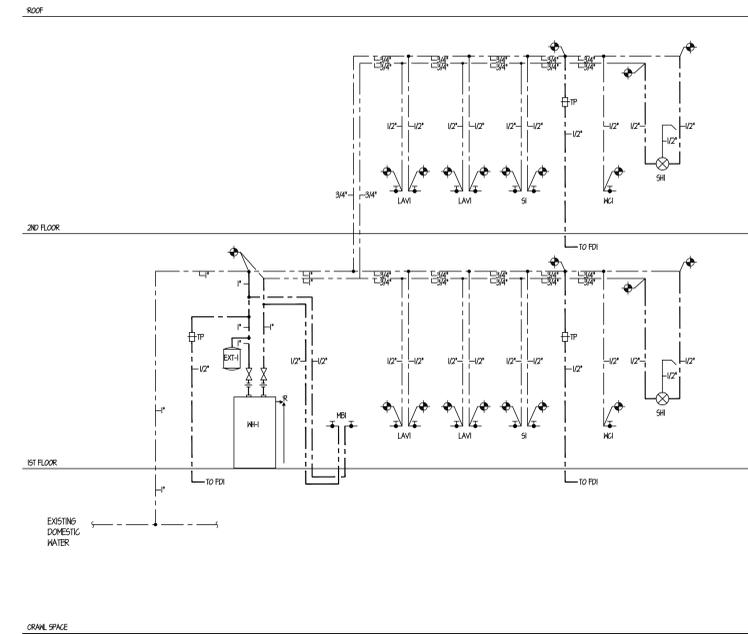
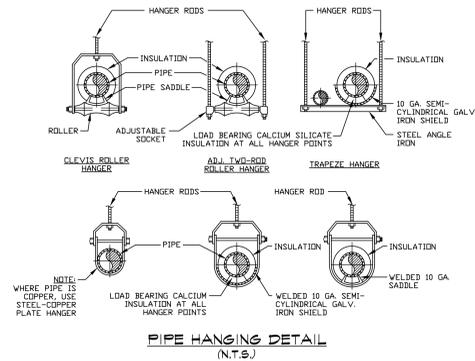


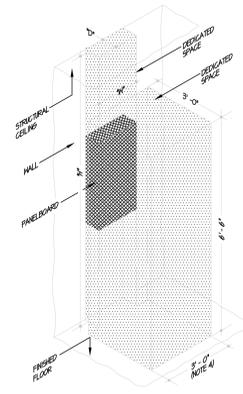
TYPICAL SANITARY RISER DIAGRAM
SCALE: N.T.S.



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

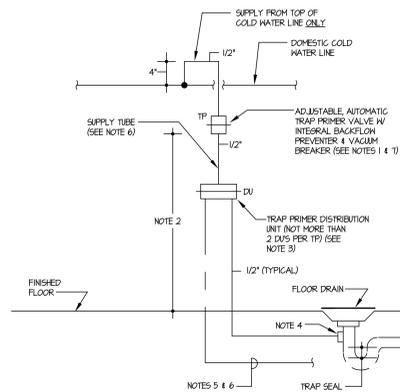


PIPE HANGING DETAIL
(N.T.S.)



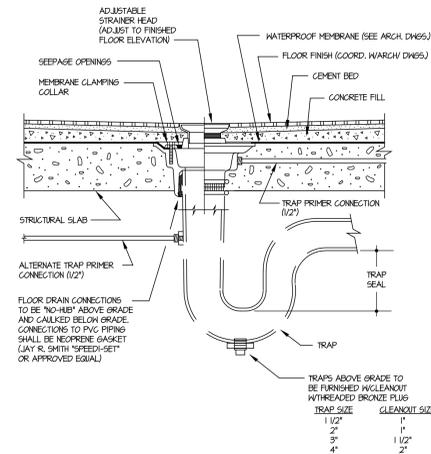
DEDICATED SPACE AROUND ELECTRICAL PANELS
(NOT TO SCALE, DIMENSIONS AS NOTED)

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



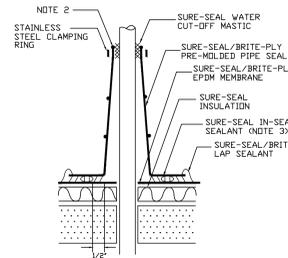
TRAP PRIMER INSTALLATION DETAIL FOR
SUPPLY OF MULTIPLE F.D. TRAPS
(N.T.S.)

- NOTES:
- ADJUSTABLE TRAP PRIMER VALVE SHALL BE JOSAM CO. #06280 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 OF HIGHEST F.D. IS NOT LESS THAN ONE FOOT FOR EACH 20' OF RUN TO FURTHEST F.D.
 - FURNISH & INSTALL DISTRIBUTION UNITS AS FOLLOWS:
- | NO. OF F.D.'S | DISTRIBUTION UNITS |
|---------------|--------------------|
| 1 | NONE REQUIRED |
| 2 | JOSAM CO. #00290 |
- PRIMER CONNECTIONS & TRAPS SHALL BE LOCATED ABOVE TRAP WATER SEAL & TRAP OUTLET NIP. PRIMER CONNECTIONS SHALL NOT BE MADE TO TRAP FLUSHING INLETS.
 - PRIMER SUPPLIES TO TRAPS WHICH ARE EMBEDDED IN, OR BURIED BELOW CONCRETE SLABS SHALL BE ANNEALED (SOFT) COPPER TUBE, TYPE "K" 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 FITCH TO F.D.
 - UPON COMPLETION OF THE INSTALLATION, ADJUST TRAP PRIMER VALVE TO ENGINE OPERATION UNDER ACTUAL OPERATING PRESSURE. DROP ENGINE VALVE CLOSERS WHEN PRESSURE STABILIZES. VERIFY FLOW TO ALL CONNECTED TRAPS.



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

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



FLASHING DETAIL FOR PIPES
4" & SMALLER THRU ROOF
(BASED ON CARLISLE)
(N.T.S.)

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

Revisions

Date	Issue	Description
03-06-15	1	ISSUED FOR DCA FILING
03-18-15	2	ISSUED FOR BIDDING

Consultants

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Project

INTERIOR RENOVATIONS
AT THE
HOLLY - C RESIDENCE
RAMAPO COLLEGE
OF NEW JERSEY
505 Ramapo Valley Road
Mahwah, New Jersey 07430-1680

Client

RAMAPO COLLEGE
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Mahwah, New Jersey 07430-1680

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Cert./Lic. No. _____
Date 02-03-15 Scale AS NOTED
Drawn By HD Checked By gg

Dwg. Title
PLUMBING RISER DIAGRAMS & DETAILS

Work Order No. _____ Dwg. No. _____

4698C P300