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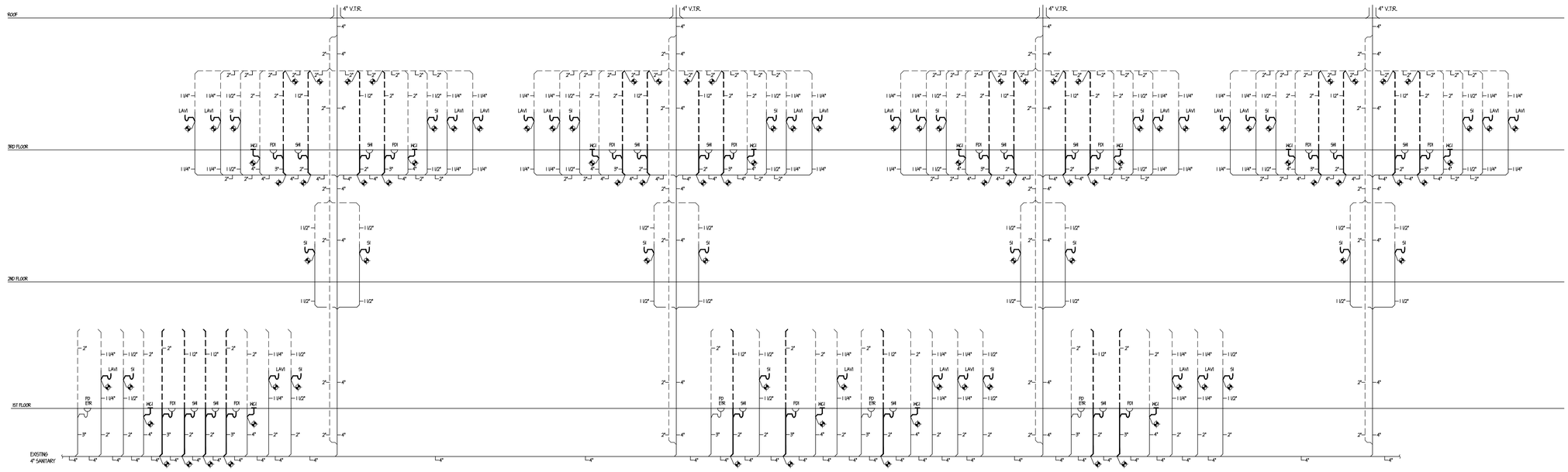
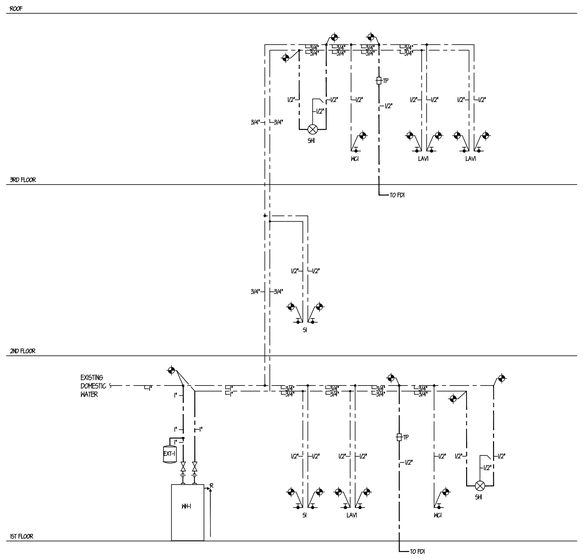


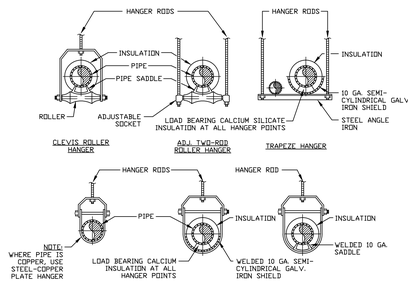
TYPICAL SANITARY RISER DIAGRAM

SCALE: N.T.S.



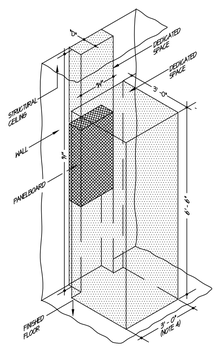
TYPICAL DOMESTIC WATER RISER DIAGRAM

SCALE: N.T.S.



PIPE HANGING DETAIL

(N.T.S.)

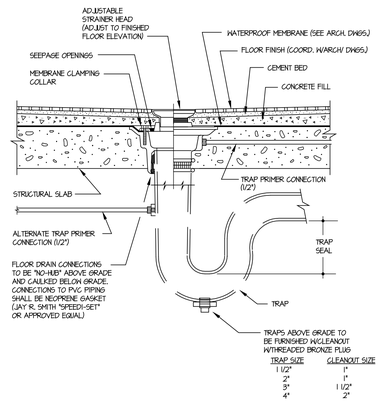


DEDICATED SPACE AROUND ELECTRICAL PANELS

(NOT TO SCALE, DIMENSIONS AS NOTED)

NOTES:

1. DIMENSIONS "D" AND "W" ARE ELECTRICAL PANEL DEPTH AND WIDTH, 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 WIDE SECTION OF THE DEDICATED SPACE SHALL BE PERMITTED TO OVERLAP WITH THE "DEDICATED SPACE" REQUIREMENT FOR ADJACENT PANELBOARDS.
5. SUSPENDED ACOUSTICAL CEILINGS SHALL NOT BE CONSIDERED TO BE STRUCTURAL.



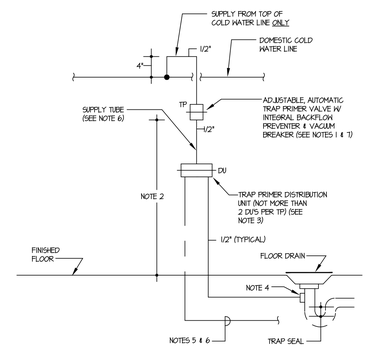
TRAP SIZE	CLEANOUT SIZE
1 1/2"	1"
2"	1"
3"	1 1/2"
4"	2"

TYPICAL FLOOR DRAIN DETAIL FOR FINISHED FLOORS WITH MEMBRANES

(N.T.S.)

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 W/MINIMUM 4" TRAP SEAL.



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

(N.T.S.)

NOTES:

1. ADJUSTABLE TRAP PRIMER VALVE SHALL BE JOSAM CO. #88280 FOR 2 TO 4 F.D.'S. DO NOT LOCATE PRIMER VALVES WITHIN 40' OF ANOTHER PRIMER VALVE.
2. TRAP PRIMER VALVE SHALL BE MOUNTED VERTICALLY WITH BOTTOM OF UNIT LOCATED 54IGH THAT HEIGHT ABOVE FLOODRIM OF HIGHEST F.D. IS NOT LESS THAN ONE FOOT FOR EACH 20' OF RUN TO FURTHEST F.D.
3. FURNISH & INSTALL DISTRIBUTION UNITS AS FOLLOWS:

NO. of F.D.'S	DISTRIBUTION UNIT(S)
1	NONE REQUIRED
2	JOSAM CO. #88240

4. PRIMER CONNECTIONS @ TRAPS SHALL BE LOCATED ABOVE TRAP WATER SEAL & TRAP OUTLET WEIR. PRIMER CONNECTIONS SHALL NOT BE MADE TO TRAP FLUSHING INLETS.
5. 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.
6. ALL LINES FROM DISTRIBUTION UNIT(S) TO F.D.'S MUST PITCH TO F.D.
7. UPON COMPLETION OF THE INSTALLATION, ADJUST TRAP PRIMER VALVE TO ENSURE OPERATION UNDER ACTUAL OPERATING PRESSURE DROP. ENSURE VALVE CLOSES WHEN PRESSURE STABILIZES. VERIFY FLOW TO ALL CONNECTED TRAPS.

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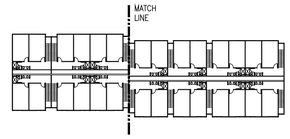
Revisions

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

Key Plan



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Date	04-10-15	Scale	AS NOTED
Drawn By	MD	Checked By	SG

Dwg. Title

PLUMBING RISER DIAGRAMS & DETAILS

Work Order No.	Dwg. No.
4698N	P400