

PLUMBING NOTES

GENERAL NOTES

1. WEAR ALL REQUIRED SAFETY PPE AS REQUIRED. HARDHATS, GLASSES AND GLOVES ARE REQUIRED.
2. DO NOT GET ON THE MODULE. ALL WORK TO BE DONE FROM THE FLOOR OR THE LADDER.
3. IF A HOLE NEEDS TO BE DRILLED SEE THE CONTEST OFFICIAL, DO NOT DRILL OR CUT THE MODULE UNLESS DIRECTED TO DO SO.
4. TAKE YOUR TIME. THERE IS NO PRIZE FOR FINISHING FIRST, BUT TRY TO SET A PACE TO FINISH THE CONTEST IN THE ALLOTTED TIME.
5. THE LEFT AND RIGHT ENDS OF THE MODULE WILL BE CONSIDERED TO BE FINISHED WALLS. MEASUREMENTS FOR THE TOILET AND SINK ARE PULLED FROM THE LEFT WALL. THE SHOWER MEASUREMENTS ARE PULLED FROM THE RIGHT WALL. THE REAR WALL OF THE MODULE WILL BE A ROUGH WALL. THIS WALL WILL BE COVERED IN 1/2" SHEETROCK.
6. BE CAREFUL AND PLAN YOUR WORK. EXTRA FITTINGS MAY NOT BE AVAILABLE AND CARRY A PENALTY IF THEY NEED TO BE REPLACED DUE TO INCORRECT INSTALLATION.
7. ALL WORK MUST BE DONE IN A SAFE AND NEAT MANNER.

WASTE AND VENT

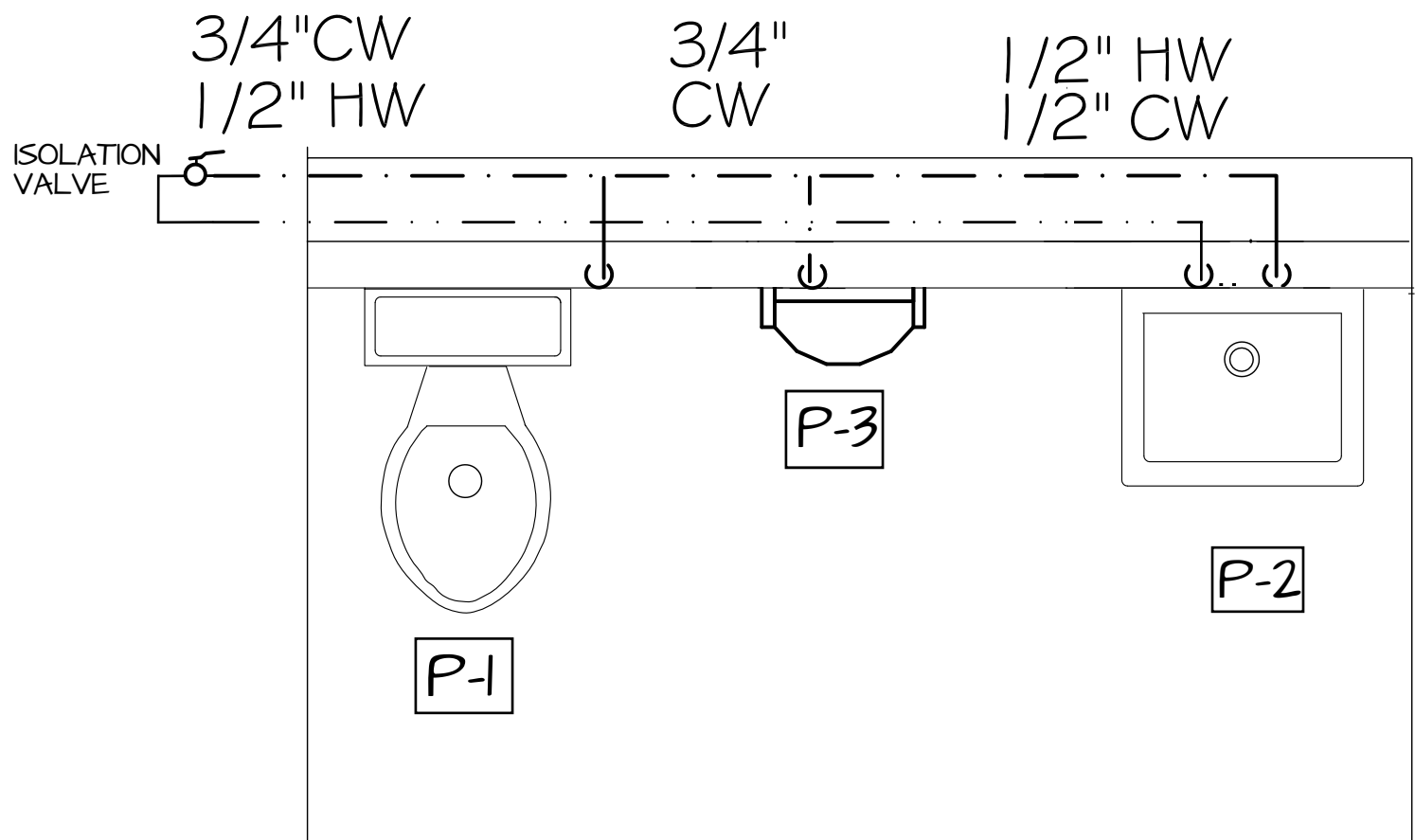
1. DRAIN AND VENT LINES MUST BE INSTALLED TO CONFORM TO THE DESIGNED GRADE OF 1/4" PER FOOT.
2. THE WATER CLOSET FLANGE SHALL BE SECURED TO THE MODULE WITH THE PROVIDED SCREWS.
3. HANGERS SHALL BE INSTALLED AT EVERY FITTING AND/OR EVERY 4' AND HOULD BE HUNG WITH STRAP IRON, NAIL AND STOVE BOLT.
4. ALL PVC SHALL BE INSTALLED WITH PRIMER AND SOLVENT CEMENT.

DOMESTIC WATER

1. ALL WATER PIPING WILL BE COPPER WITH SOLDERED CONNECTIONS PER THE PLANS PROVIDED.
2. ALL PIPING SHOULD BE RUN SQUARE AND PLUMB.
3. SECURE ALL LINES WITH THE BRACKETS PROVIDED.

PIPE MATERIAL SCHEDULE

SERVING	PIPE MATERIAL	PIPE TYPE PIPE SCHEDULE	REMARKS
COLD WATER	COPPER (TYPE M)	ASTM B75, ASTM B88	---
HOT WATER	COPPER (TYPE M)	ASTM B75, ASTM B88	---
WASTE	PVC	SCHEDULE 40 FOAM CORE	ASTM A 120 OR A53

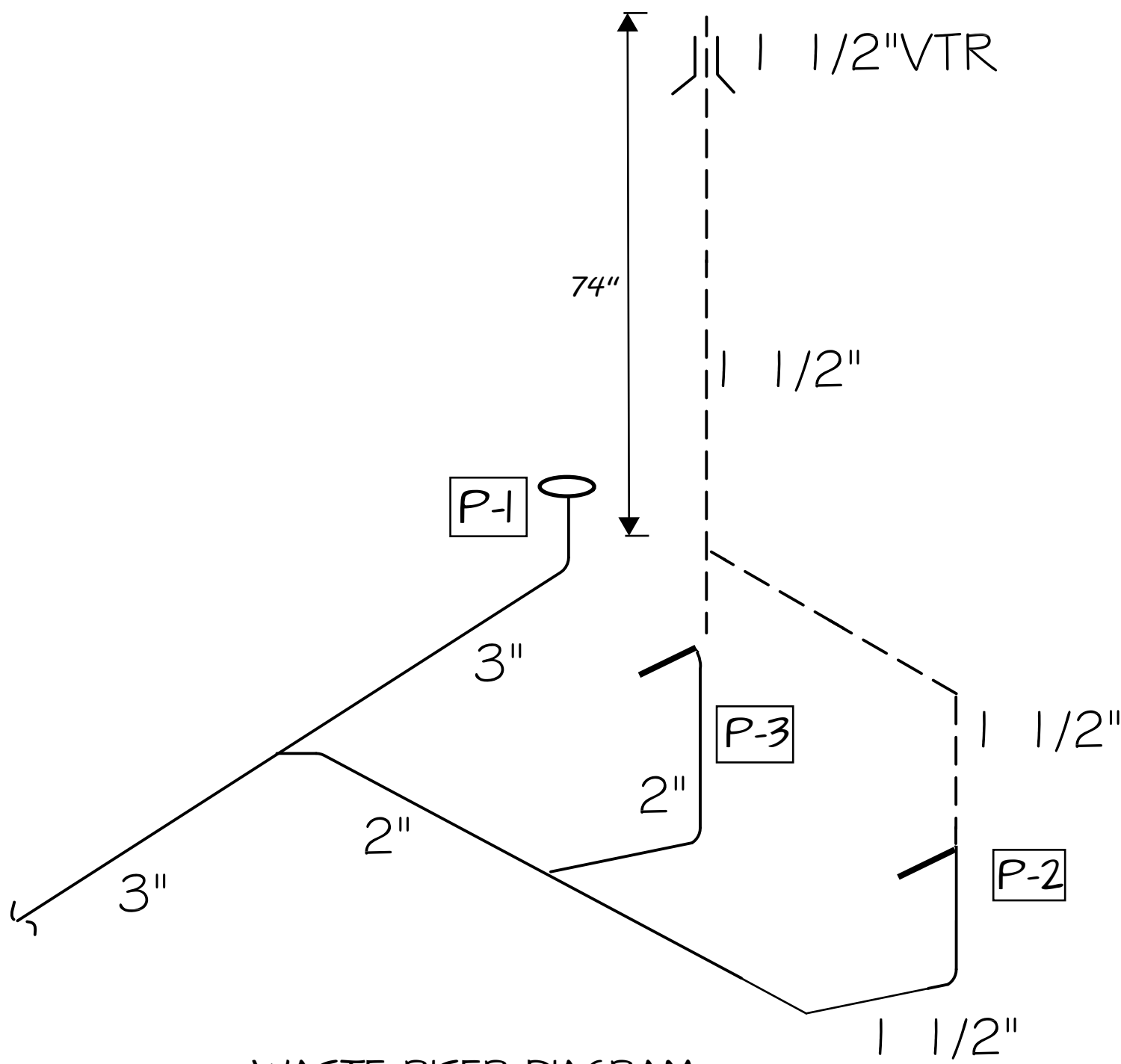


PARTIAL FLOOR PLAN - WATER

NO SCALE

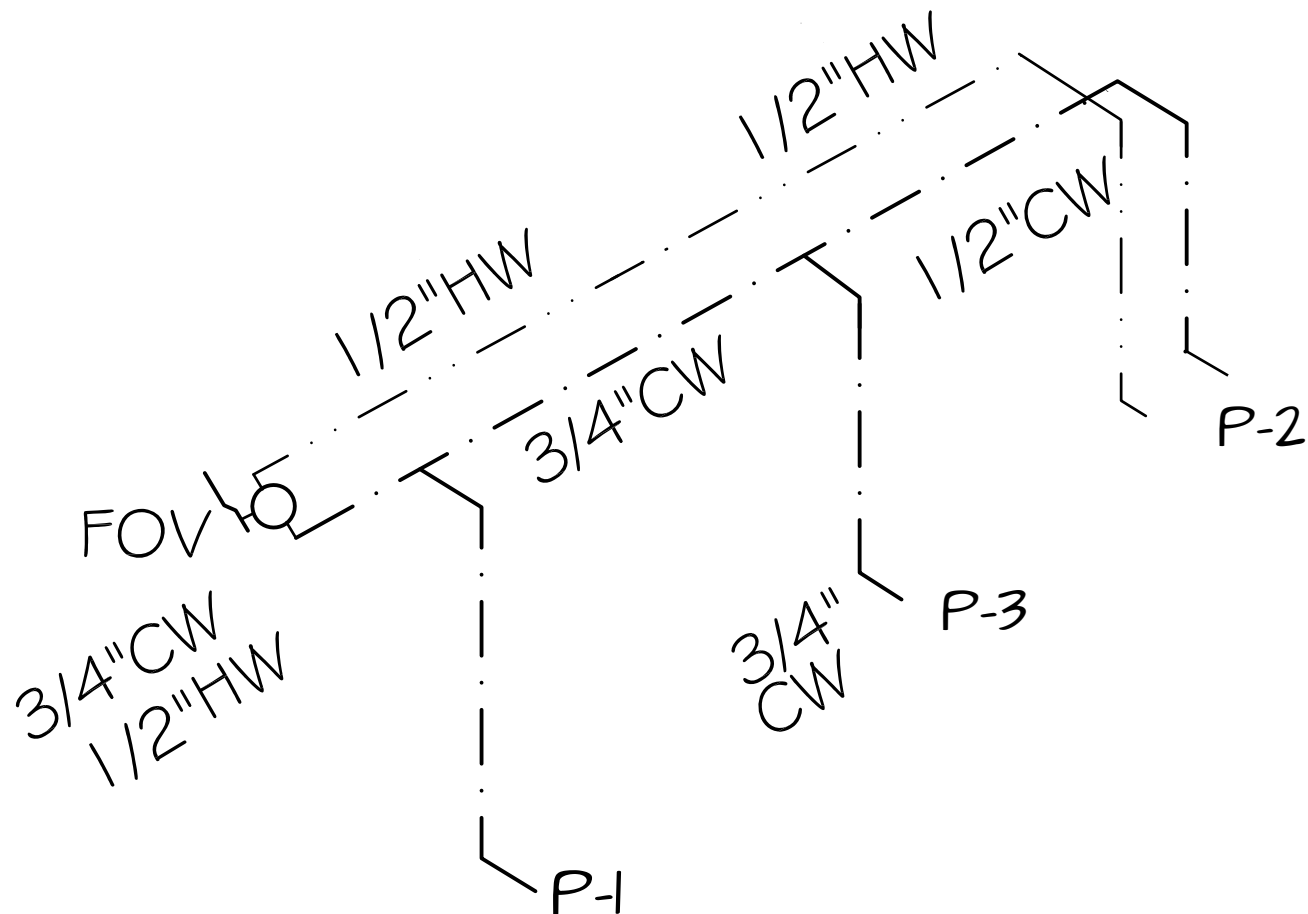
PLUMBING FIXTURE CONNECTION SCHEDULE

ITEM	DESCRIPTION	WASTE	VENT	CW	HW	NOTES
P-1	WATER CLOSET	3"	1/2"	1/2"	---	WATER LINE 6' CENTER OF WASTE AND 7" HIGH
P-2	LAVATORY	1/2"	1/2"	1/2"	1/2"	WASTE LINE 17" ABOVE FLOOR TO THE CENTER WATER LINES 19" ABOVE THE FLOOR TO THE CENTER
P-3	URINAL	2"	1/2"	3/4"	---	CENTER OF WASTE AT 10' ABOVE FLOOR WATER AT 20" ABOVE FLOOR AND 4' TO LEFT OF WASTE



WASTE RISER DIAGRAM

NO SCALE



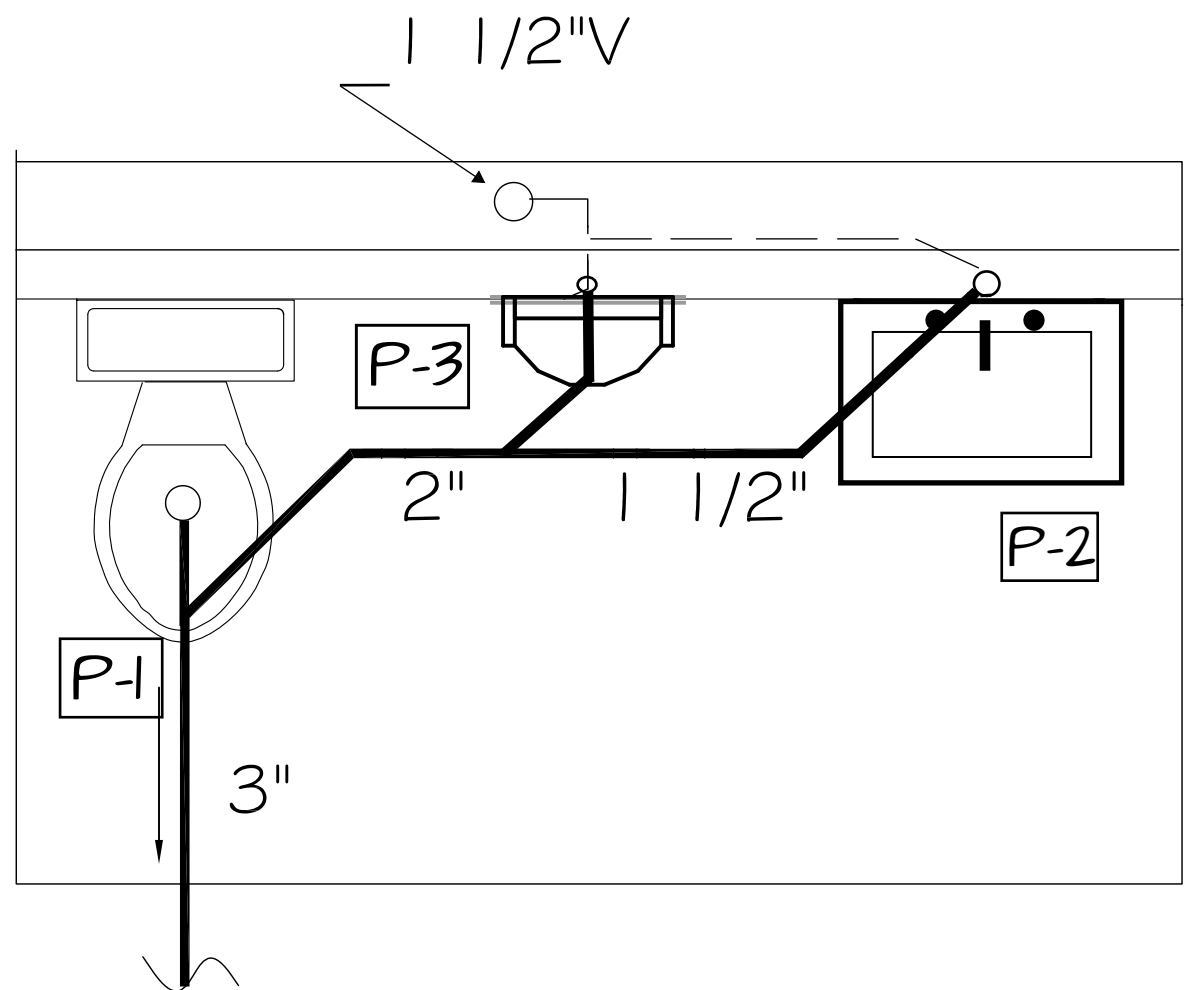
ALL COLD AND HOT WATER IS 1/2"
UNLESS NOTED

DOMESTIC WATER RISER DIAGRAM

NO SCALE

PLUMBING LEGEND

---	COLD WATER PIPING
----	HOT WATER PIPING
----	VENT PIPING
----	SANITARY PIPING
FOV	FULL OPEN BALL VALVE
→	SLOPE PIPE IN DIRECTION SHOWN
⤵	PIPE TURNED DOWN
⤴	PIPE TURNED UP
⊥	WALL OR END OF LINE CLEANOUT
Ø	DIAMETER
ABV	ABOVE
AFF	ABOVE FINISHED FLOOR
BEL	BELOW
BET	BETWEEN
BFF	BELOW FINISH FLOOR
BOT	BOTTOM
CO	CLEAN-OUT
CW	COLD WATER PIPING
DN	DOWN
DIA	DIAMETER
DR	DRAIN
(E)	EXISTING
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FL	FLOOR
GAL	GALLONS
GPM	GALLONS PER MINUTE
HW	HOT WATER PIPING
LAV	LAVATORY
P-1A	PLUMBING FIXTURE DESIGNATION
PLBG	PLUMBING
PC	PLUMBING CONTRACTOR
SAN	SANITARY
V	VENT PIPING
VTR	VENT THRU ROOF
Ⓢ	SANITARY RISER # 1
Ⓜ	WATER RISER # 1



PARTIAL FLOOR PLAN - WASTE

NO SCALE



SkillsUSA
VIRGINIA
Plumbing Competition



REVISIONS:

DATE: