

GENERAL NOTES

1. ALL PLUMBING VENTS IN EXTERIOR WALLS SHALL BE OFFSET A MINIMUM OF 3'-0" AT ROOF BEFORE ROOF PENETRATION.
2. ALL PLUMBING AND PLUMBING MATERIALS SHALL MEET THE REQUIREMENTS OF THE STATE AND LOCAL PLUMBING CODES.
3. SLOPES AND INVERT ELEVATIONS OF ALL INTERIOR PIPING SHALL BE ESTABLISHED BEFORE ANY PIPING IS INSTALLED. IN ORDER THAT PROPER SLOPES WILL BE MAINTAINED, ALL PIPING SHALL BE RUN TO AVOID CONFLICTS WITH OTHER TRADES.
4. COORDINATE WITH ARCHITECTURAL WORKING DRAWINGS BEFORE ROUGHING-IN PLUMBING FIXTURES.
5. MAKE PROPER HOT AND COLD WATER, WASTE, AND VENT, ETC., PIPING CONNECTIONS TO ALL FIXTURES AND EQUIPMENT, EVEN THOUGH ALL BRANCHES, FITTINGS AND CONNECTIONS ARE NOT SHOWN.
6. COORDINATE LOCATION OF ALL EQUIPMENT, FIXTURES AND PIPING WITH STRUCTURAL AND ALL OTHER TRADES. PIPING SHALL BE RUN AS HIGH AS POSSIBLE.
7. ALL OPENINGS IN CEILINGS AND PLENUM WALLS FOR PLUMBING PIPES SHALL BE SEALED AIR TIGHT.
8. ALL HOT AND COLD WATER PIPING INDICATED TO RUN ABOVE FINISHED CEILINGS OR IN EXTERIOR WALLS SHALL BE INSTALLED ON THE CONDITIONED SPACE SIDE OF THE BUILDING INSULATION.
9. PROVIDE TRAP PRIMERS FOR ALL FLOOR DRAINS.
10. IT IS THE INTENTION OF THESE DRAWINGS TO COVER ALL WORK AND MATERIAL FOR A COMPLETE FIRST CLASS INSTALLATION. ANY EQUIPMENT, PLUMBING FIXTURE, TRIM HARDWARE AND/OR DEVICES UTILIZED IN THE CLASS OF WORK, THOUGH NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS, BUT WHICH MAY BE NECESSARY FOR THE SATISFACTORY COMPLETION OF THE WORK (AS DETERMINED BY THE OWNERS REPRESENTATIVE) SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR AS PART OF HIS TOTAL WORK.
11. VERIFY ALL CONDITIONS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT, PIPING, FIXTURES, ETC.
12. SEAL AROUND ALL WALL PENETRATIONS AIR TIGHT.
13. INSTALL ALL EQUIPMENT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND ALL APPLICABLE LISTING REQUIREMENTS.
14. RUN ALL DOMESTIC CW / HW IN LIVING AREA IN SOFFITS, OR CONDITIONED SIDE OF ROOF, OR BELOW BOTTOM CHORD OF ROOF TRUSS.
15. THE COSTS FOR ALL PLUMBING UTILITY CONNECTION FEES SHALL PAID FOR BY THE PLUMBING CONTRACTOR.

PLUMBING LEGEND

- SANITARY VENT PIPING (V)
- SANITARY PIPING (S)
- DOMESTIC COLD WATER PIPING (CW)
- DOMESTIC HOT WATER PIPING (HW)
- RD ----- RAIN LEADER PIPING
- CO ----- CLEANOUT
- FOO ----- FLOOR CLEAN OUT
- VTR ----- VENT THRU ROOF
- AFF ----- ABOVE FINISHED FLOOR
- GATE VALVE
- CHECK VALVE
- DIRECTION OF SLOPE
- WH-1 ----- WATER HEATER DESIGNATION
- RD-1 ----- ROOF DRAIN DESIGNATION
- FD-1 ----- FLOOR DRAIN DESIGNATION

PLUMBING ABBREVIATIONS

- ADA AMERICAN DISABILITY ACT
- AFF ABOVE FINISH FLOOR
- ANSI AMERICAN NATIONAL STANDARDS INSTITUTE
- ASSE AMERICAN SOCIETY OF SAFETY ENGINEERS
- CO CLEAN OUT
- CW COLD WATER
- DD DECK DRAIN
- DIA DIAMETER
- EXST. EXISTING
- F DEGREES FAHRENHEIT
- FD FLOOR DRAIN
- FM FLOOR MOUNT
- FT FEET
- FV FLUSH VALVE
- GPW GALLONS PER MINUTE
- HG HANDICAP
- HW HOT WATER
- ICC INTERNATIONAL CODE COUNCIL
- IN INCHES
- KW KILOWATTS
- MAX. MAXIMUM
- MBH THOUSAND BTU PER HOUR
- MIN. MINIMUM
- PH, Ø PHASE PRESSURE
- TYP TYPICAL
- V VOLTS

PLUMBING FIXTURE CONNECTION SCHEDULE

SYMBOL	TYPE	CW	HW	WASTE	VENT	MANUFACTURER	MODEL	REMARKS
P-1	WATER CLOSET (ADA) (FY) (FM)	1"	-	4"	2"	AMERICAN STANDARD	2377.100	FLOOR MOUNTED, 1.6 GPF, PROVIDE SEAT WITH COVER
P-2	LAVATORY - COUNTERTOP	1/2"	1/2"	1-1/2"	1-1/2"	AMERICAN STANDARD	0476.028	PROVIDE 2175.503 FAUCET
P-3	SHOWER ROLL-IN (ADA)	1/2"	1/2"	2"	1-1/2"	LASCO	1623-BFSTD	SEAT WITH L SHAPED GRAB BARS, HAND-HELD SHOWER, SLIDE BAR, VACUUM BREAKER, 60" HOSE AND PRESSURE BALANCING MIXING VALVE
P-4	BATHTUB	1/2"	1/2"	2"	1-1/2"	AMERICAN STANDARD	2083 SERIES	DELTA FAUCET 14469-769
P-6	WASHER BOX CONNECTION	3/4"	3/4"	2"	1-1/2"	FIAT	MSB2424	PROVIDE 830-AA FAUCET, HOSE AND RACK, MOP BRACKET
P-7	MOP SINK	1/2"	1/2"	1-1/2"	1-1/2"	ELKAY	DLR331910	PROVIDE ELKAY MODEL LKE-4101F FAUCET
P-8	KITCHEN SINK (DOUBLE BOWL)	1/2"	1/2"	1-1/2"	1-1/2"	GUY GRAY	ELM875	
FD-1	FLOOR DRAIN	-	-	2"	-	JOSAM	30000 SERIES	-
RD-1	ROOF DRAIN	-	-	3"	-	JOSAM	21500 SERIES	-

GAS-FIRED WATER HEATER SCHEDULE

MARK	STORAGE CAPACITY (GALLONS)	MAX. INPUT (MBH)	CAPACITY @ 65 DEG. F RISE (GPM)	ELECTRICAL DATA			REMARKS
				WATTS	VOLTS	PHASE	
WH-1	0.2	200	6.1	85	120	1	INSTANTANEOUS, NORITZ MODEL N-0751DVC
WH-2	0.2	200	6.1	85	120	1	INSTANTANEOUS, NORITZ MODEL N-0751DVC

- NOTE: 1. PROVIDE NORITZ ISOLATION VALVES (IK-W-4).
2. PROVIDE QUICK CONNECT CABLE (QC-1).

FIXTURE UNIT SCHEDULE

WATER SUPPLY FIXTURE UNITS = 82

DRAINAGE FIXTURE UNITS = 54



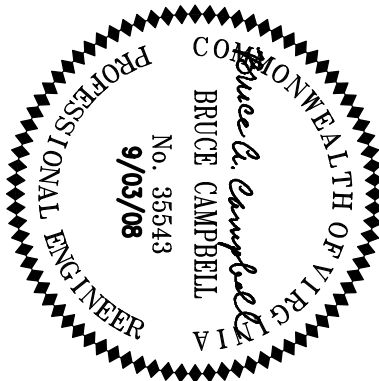
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LEGEND, NOTES
ABBREVIATIONS,
DETAILS AND SCHEDULES -
PLUMBING

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