

SHEET NAMING CONVENTION

P-001A

2 DIGIT DISCIPLINE DESIGNATOR (IF ONLY ONE LETTER IS USED, THE SECOND LETTER IS REPLACED WITH A DASH "-" AS A PLACEHOLDER)**

1 DIGIT AREA DESIGNATOR (AREA DESIGNATOR ONLY USED WHEN PLANS ARE SUBDIVIDED INTO AREAS.)

1 DIGIT SHEET TYPE DESIGNATOR
0 - GENERAL
1 - PLANS
2 - ELEVATIONS
3 - SECTIONS
4 - ENLARGED PLANS
5 - DETAILS
6 - SCHEDULES AND DIAGRAMS
7 - VARIES
8 - VARIES
9 - 3D VIEWS (ISO, PERSPECTIVES)

2 DIGIT SEQUENTIAL # (01-99) (FIRST DIGIT INDICATES PLAN TYPE, SECOND DIGIT INDICATES FLOOR)

PLUMBING GENERAL NOTES

- 1. PLUMBING WORK SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, INTERNATIONAL PLUMBING CODE, AND INTERNATIONAL FUEL GAS CODE.
- 2. SLOPES AND INVERT ELEVATIONS SHALL BE ESTABLISHED BEFORE ANY PIPE IS INSTALLED IN ORDER TO MAINTAIN PROPER SLOPES. ANY DISCREPANCIES SHALL BE REPORTED TO OWNER'S REPRESENTATIVE. ALL PIPING SHALL BE LOCATED AND DETERMINED WHEN TO BE INSTALLED TO AVOID CONFLICT WITH OTHER TRADES.
- 3. PIPING SHALL BE CONCEALED UNLESS OTHERWISE NOTED.
- 4. KEEP ALL BURIED PIPING CLEAR OF FOOTINGS. COORDINATE WITH STRUCTURAL.
- 5. ALL WALL CLEANOUTS SHALL BE PROVIDED WITH WALL COVERS AND MOUNTED IN UNOBTRUSIVE LOCATIONS WHILE MAINTAINING ACCESSIBILITY. ALL FLOOR CLEANOUTS SHOWN SHALL BE SET FLUSH WITH FLOOR AREAS OR FINISHED GRADE.
- 6. COORDINATE LOCATION OF PIPING AND DRAINS WITH ALL MECHANICAL AND ELECTRICAL EQUIPMENT. NO PIPING SHALL BE INSTALLED ABOVE ELECTRICAL, COMMUNICATIONS, OR DATA EQUIPMENT OR PANELS. COMPLY WITH ARCHITECTURAL PLANS FOR EXACT LOCATION OF PLUMBING FIXTURES, COMPLIANCE TO ADA CLEARANCES, AND FINISHES.
- 7. PROVIDE REQUIRED WATER, WASTE, AND VENT PIPING, FITTINGS, AND INSULATION, AND MAKE FINAL CONNECTIONS TO EQUIPMENT. THESE PLANS ARE SCHEMATIC AND DIAGRAMMATIC ONLY. THEY DO NOT SHOW ALL REQUIRED BENDS, OFFSETS, VALVES, AND MISCELLANEOUS FITTINGS FOR A COMPLETE INSTALLATION. ALL PIPING, EQUIPMENT, AND CONNECTIONS SHALL BE INSTALLED IN ACCORDANCE WITH SPECIFICATIONS, LOCAL CODES AND ORDINANCES, AND MANUFACTURER'S INSTRUCTIONS.
- 8. WASTE PIPING SHALL BE INSTALLED TO PROVIDE A MINIMUM SLOPE OF 1%. WASTE PIPING 3" AND SMALLER SHALL BE INSTALLED TO PROVIDE A MINIMUM SLOPE OF 2%.
- 9. DO NOT SCALE DRAWINGS. REFER TO ARCHITECTURE DRAWINGS FOR EXACT DIMENSIONS, FIXTURE LOCATIONS, ROOM NAMES, AND NUMBERS.
- 10. PROVIDE EXTENSION OF EQUIPMENT DRAINS TO FLOOR DRAINS, FLOOR SINKS, AND OPEN SITE DRAINS.
- 11. WHERE POSSIBLE, INSTALL SHUT-OFF VALVES AND EQUIPMENT REQUIRING MAINTENANCE, CLEANING AND ADJUSTMENT ABOVE ACCESSIBLE CEILINGS OR IN SERVICE AREAS SUCH AS JANITOR'S CLOSETS. IN OTHER LOCATIONS, PROVIDE ACCESS PANELS IN INCONSPICUOUS LOCATIONS WITH FINISH TO MATCH ARCHITECTURAL.
- 12. ALL HOSE BIBBS, WALL HYDRANTS, AND VALVES WITH THREADED HOSE CONNECTIONS SHALL BE EQUIPPED WITH VACUUM BREAKER.
- 13. WHERE CONNECTING TO A UTILITY OR SERVICE, VERIFY LOCATION, SIZES, MATERIALS, FLUID BEING HANDLED, AND INVERTS OF ALL EXISTING UTILITIES AND CONFIRM THAT NEW PIPES BEING ROUTED TO EXISTING UTILITIES CAN BE INSTALLED CONFORMING TO CODE AND AS SHOWN. NOTIFY GENERAL CONTRACTOR OF ANY CONFLICTS OR DISCREPANCIES PRIOR TO PURCHASING ANY MATERIALS OR PERFORMING ANY WORK OR EXTENSION OF CONNECTION, WITH THE EXCEPTION OF EXCAVATION OR OTHER WORK TO PROVIDE ACCESS TO THE CONCEALED UTILITY.
- 14. PROVIDE INSULATION, PIPE IDENTIFICATION, AND OTHER REQUIREMENTS AS LISTED IN SPECIFICATIONS.
- 15. ALL PIPING ABOVE GRADE SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR BE SUPPORTED FROM CEILING TILES.
- 16. WATER PIPING ROUTED ABOVE CEILINGS AND IN EXTERIOR WALLS SHALL BE ROUTED ON HEATED SIDE (UNDERSIDE) OF CEILING INSULATION AND HEATED SIDE (INSIDE) OF WALL INSULATION.
- 17. TOPS OF ALL FLOOR DRAINS AND CLEANOUTS SHALL BE SET FLUSH WITH FINISHED FLOOR UNLESS NOTED OTHERWISE.
- 18. LOCATE ALL SECTIONAL OR MAIN CONTROL VALVES WITHIN 1'-0" FROM ACCESS PANELS, CEILING TILES, OR OTHER POINT OF ACCESS.
- 19. PROVIDE WATER HAMMER ARRESTORS SIZED PER PLUMBING DRAINAGE INSTITUTE SPECIFICATIONS ON ALL DOMESTIC WATER LINES SERVING FLUSH VALVE FIXTURES, WASHING MACHINES, SUPPLIES, PRY STATIONS, AND OTHER INSTALLATIONS WITH QUICK CLOSING VALVES.
- 20. PROVIDE A MANUFACTURED EXPANSION DEVICE OR FABRICATED EXPANSION LOOP ON ALL PIPING SYSTEMS CROSSING BUILDING EXPANSION JOINTS.
- 21. COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND THE ELECTRICAL CONTRACTOR, AND FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN.
- 22. ALL PLUMBING EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A MINIMUM PERIOD OF ONE YEAR AFTER OWNER'S FINAL ACCEPTANCE.
- 23. ALL PIPE PENETRATIONS OF FIRE AND SMOKE-RATED ASSEMBLIES SHALL BE FIRE-STOPPED AS REQUIRED TO RESTORE ASSEMBLY TO ORIGINAL INTEGRITY. FIRE BARRIER PRODUCTS SHALL BE AS MANUFACTURED BY 3M COMPANY, CP25 CAULK, CS195 COMPOSITE PANEL, FST1 WRAP/STRIP, OR PSS 7900 SERIES SYSTEMS AS RECOMMENDED BY MANUFACTURER FOR PARTICULAR APPLICATION, OR EQUIVALENT SYSTEM AS APPROVED BY LOCAL CODE OFFICIALS.
- 24. ALL WATER CLOSET FLUSH VALVE LEVERS SHALL BE LOCATED ON THE APPROACH SIDE OF THE WATER CLOSET.
- 25. ALL GAS REGULATORS REQUIRING VENTS SHALL BE VENTED TO THE EXTERIOR PER THE INTERNATIONAL GAS CODE REQUIREMENTS. VENT TERMINALS SHALL BE A MINIMUM OF 10'-0" FROM ANY AIR INTAKE OR SOURCE OF IGNITION.
- 26. VENTS THROUGH ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY OUTSIDE AIR INTAKE.
- 27. ALL COLD WATER, HOT WATER, AND DRAIN PIPING AT HANDICAPPED FIXTURES SHALL BE INSULATED WITH HANDI-LAV GUARD MODELS 102 AND 105 (OR APPROVED EQUAL) INSULATION KITS.
- 28. NOT ALL PLUMBING ABBREVIATIONS SHOWN WILL BE USED FOR THIS PROJECT.

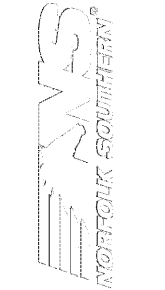
PLUMBING ABBREVIATIONS

A/C	ABOVE CEILING
ADA	AMERICANS WITH DISABILITIES ACT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
ARCH	ARCHITECTURE, ARCHITECTURAL
BFP	BACKFLOW PREVENTER
B/F	BELOW FLOOR
B/G	BELOW GRADE
BLDG	BUILDING
BV	BALL VALVE
CA	COMPRESSED AIR
CD	CONDENSATE DRAIN
CONT.	CONTINUATION
CO	CLEANOUT
CV	CHECK VALVE
CONTR	CONTRACTOR
CW	COLD WATER (POTABLE / DOMESTIC)
DEG.	DEGREES
DF	DRINKING FOUNTAIN
DHWR	DOMESTIC HOT WATER RETURN
DN	DOWN
DSN	DOWNSPOUT NOZZLE
DWGS	DRAWINGS
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EMEW	EMERGENCY EYEWASH
EMSH	EMERGENCY SHOWER
ESEW	EMERGENCY SHOWER / EYEWASH
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
GC	GENERAL CONTRACTOR
GPF	GALLONS PER FLUSH
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GV	GATE VALVE
GWH	GAS WATER HEATER
HB	HOSE BIBB
H/C	HANDICAP
HW	HOT WATER (POTABLE / DOMESTIC)
I.E.	INVERT ELEVATION
IBC	INTERNATIONAL BUILDING CODE
IFGC	INTERNATIONAL FUEL GAS CODE
IMB	ICE MAKER BOX
IPC	INTERNATIONAL PLUMBING CODE
IW	INDIRECT WASTE
KW	KILOWATT
L	LAUNDRY
LP	LIQUID PETROLEUM
LV	LAVATORY
MFG	MANUFACTURER
MS	MOP SINK
NFWH	NON-FREEZE WALL HYDRANT
NG	NATURAL GAS
NIC	NOT IN CONTRACT
ORD	OVERFLOW ROOF DRAIN
OV	OIL WASTE VENT
OW	OIL WASTE
P, PLBG	PLUMBING
PDI	PLUMBING DRAINAGE INSTITUTE
PSI	POUNDS PER SQUARE INCH
RD	ROOF DRAIN
RL	RAIN LEADER
RPZ	REDUCED PRESSURE ZONE
SAN, S	SANITARY PIPING
SANS	SANITARY SEWER
SH	SHOWER
SK	SINK
SOV	SHUT-OFF VALVE
STR	STRAINER
SS	STAINLESS STEEL
TMV	THERMOSTATIC MIXING VALVE
T&P	TEMPERATURE AND PRESSURE RELIEF VALVE
TP	TRAP PRIMER
TYP	TYPICAL
UR	URINAL
U/G	UNDERGROUND
U/SAN	UNDERGROUND SANITARY
V	VENT PIPING
VTR	VENT THROUGH ROOF
W	WASTE PIPING
WB	CLOTHES WASHER OUTLET BOX
WC	WATER CLOSET
WCO	WALL CLEANOUT
WH	WATER HEATER
WHA	WATER HAMMER ARRESTOR
W/O	WITHOUT
W/	WITH
YCO	YARD CLEANOUT

PLUMBING LEGEND

	DIRECTION OF FLOW
	PIPE TURNED DOWN
	PIPE TURNED UP
	RISE OR DROP
	BRANCH BOTTOM CONNECTION
	BRANCH TOP CONNECTION
	TELESCOPIC TEE
	TEE OUTLET UP
	TEE OUTLET DOWN
	CAP ON END OF PIPE
	SANITARY WASTE (NEW) - ABOVE FLOOR OR GRADE
	SANITARY WASTE (NEW) - BELOW FLOOR OR GRADE
	VENT PIPING (NEW)
	POTABLE / DOMESTIC COLD WATER PIPING (NEW)
	POTABLE / DOMESTIC HOT WATER SUPPLY PIPING (NEW)
	POTABLE / DOMESTIC HOT WATER RETURN PIPING (NEW)
	THERMOMETER
	TEMPERATURE & PRESSURE RELIEF VALVE
	FLOW MEASURING / BALANCING / SHUT-OFF VALVE
	BALL VALVE
	CHECK VALVE
	GATE VALVE
	STRAINER
	UNION

PLAN	ELEV	
		HOSE BIBB
		FLOOR DRAIN
		TP TRAP PRIMER
		FCO FLOOR CLEANOUT
		WCO WALL CLEANOUT
		WATER HAMMER ARRESTOR
		SANITARY RISER DIAGRAM DESIGNATION
		RISER DIAGRAM NUMBER
		DOMESTIC WATER RISER DIAGRAM DESIGNATION
		RISER DIAGRAM NUMBER



DATE	DESCRIPTION	MARK

DESIGNED BY: [Redacted]
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CHECKED BY: [Redacted]
SUBMITTED BY: [Redacted]
ISSUED FOR CONSTRUCTION: [Redacted]
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PLUMBING GENERAL NOTES, ABBREVIATIONS, AND LEGENDS

SHEET ID
P-001