

**PLUMBING ABBREVIATIONS**

A	AMP	HP	HORSEPOWER
AFF	ABOVE FINISHED FLOOR	HR	HOUR, HOSE REEL
BHP	BRAKE HORSEPOWER	HT	HEIGHT
BLDG	BUILDING	IN	INCHES
CD	CONDENSATE DRAIN	IW	INDIRECT WASTE
CO	CLEANOUT	JAN	JANITOR (SINK)
CONN	CONNECTION	L	LAVATORY
COND	CONDENSATE	LAV	LAVATORY
D	DEPTH	P	PUMP, PITCH
DDC	DIRECT DIGITAL CONTROL	RM	ROOM
Ø, DIA	DIAMETER	RPM	REVOLUTIONS PER MINUTE
DN	DOWN	S	SINK, SANITARY
DOM	DOMESTIC	SAN	SANITARY
DP	DROP	SCH	SCHEDULE
DWG	DRAWING	SF	SQUARE FOOT
E	EXISTING	SP	STATIC PRESSURE, SUMP PUMP
EQUIP	EQUIPMENT	T	THERMOSTAT, TRAP, TEMPERATURE
EXIST	EXISTING	TYP	TYPICAL
F	DEGREES FAHRENHEIT	U	URINAL
FCO	FLOOR CLEANOUT	V	VENT
FD	FLOOR DRAIN	VIF	VERIFY IN FIELD
FF	FINISH FLOOR	VTR	VENT TO ROOF
FT	FOOT/FEET	W	WASTE
GPH	GALLONS PER HOUR	W&T	WASTE AND TRAP
GPM	GALLONS PER MINUTE	W/	WITH
GYP	GYP SUM WALLBOARD	WCO	WALL CLEANOUT
HB	HOSE BIBB		
HGT	HEIGHT		
HORIZ	HORIZONTAL		

**PLUMBING LINE TYPE LEGEND**

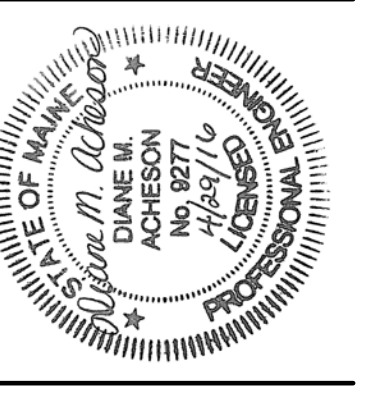
-----	REMOVE ITEMS
_____	EXIST ITEMS TO REMAIN
_____	PROVIDE ITEMS
_____ S _____	SOIL PIPE
_____ IW _____	INDIRECT WASTE PIPE
_____ W _____	WASTE PIPE
_____ SAN _____	SANITARY SEWER ABOVE FLOOR
_____ SAN _____	SANITARY SEWER BELOW FLOOR OR GRADE
_____ PD _____	PUMP DISCHARGE LINE
_____ CD _____	CONDENSATE DRAIN ABOVE FLOOR OR GRADE
-----	VENT
-----	CONTROL WIRING

**PLUMBING SYMBOLS LEGEND**

<b>ANNOTATION</b>		<b>PIPING &amp; VALVES</b>	
	SYMBOL PER ABBREVIATION LIST		PIPE TRANSITION
	EQUIPMENT SEQUENCE NUMBER		ELBOW DOWN
	KEY NOTE		PIPE TEE UP OR UP AND DOWN
	CONNECT TO EXISTING		ELBOW UP OR UP AND DOWN
<b>FIXTURES</b>			PIPE TEE DOWN
	FLOOR MOUNTED WATER CLOSET WITH FLUSH VALVE		STRAINER
	COUNTERTOP LAVATORY		BALL VALVE
	SHOWER STALL		BUTTERFLY VALVE
	MOP RECEPTOR		GATE VALVE
<b>EQUIPMENT &amp; SPECIALTIES</b>			WALL CLEANOUT
	PRESSURE SWITCH		FLOOR CLEANOUT
	FLOOR DRAIN		PRESSURE GAUGE AND COCK
	PRESSURE SENSOR		UNION
	AIR GAP FITTING		CHECK VALVE, SWING
	PUMP		CLEANOUT
	AIR VENT, AUTOMATIC		DIRECTION OF FLOW
	AIR VENT, MANUAL		P-TRAP
	HOSE BIBB OR HYDRANT		PIPE PITCH DOWN
			PRESSURE RELIEF VALVE
			CAP

**GENERAL PLUMBING SYSTEM NOTES**

- PLUMBING SHALL BE DONE IN ACCORDANCE WITH THE MAINE STATE INTERNAL PLUMBING CODE – CURRENT EDITION, AND THE INTERNATIONAL ENERGY AND CONSERVATION CODE (IECC) – CURRENT EDITION.
- ROOF DRAIN AND RAIN WATER CONDUCTOR SIZES INDICATED ON PLANS ARE BASED UPON A MAXIMUM RAINFALL OF 2-1/2 INCHES PER HOUR PER THE MAINE STATE INTERNAL PLUMBING CODE AND A 2% PITCH DOWN IN THE DIRECTION OF FLOW UNLESS OTHERWISE INDICATED ON PLANS.
- INSTALL SANITARY DRAINAGE WITH A PITCH OF 1/4 INCH PER FOOT FOR BUILDING SANITARY PIPING 3 INCHES AND SMALLER AND A PITCH OF 1/8 INCH PER FOOT FOR BUILDING SANITARY PIPING 4 INCHES AND LARGER.
- INSTALL CONDENSATE PIPING WITH A PITCH OF 1/8 INCH PER FOOT.
- PIPING IS SHOWN DIAGRAMMATICALLY, EXACT LOCATION SHALL BE DETERMINED IN THE FIELD.
- PIPING SHALL BE INSTALLED CONCEALED ABOVE CEILINGS, IN WALLS AND IN CHASES, UNLESS OTHERWISE NOTED. PIPING SHALL BE INSTALLED PARALLEL TO BUILDING LINES.
- PIPING SHALL BE SUPPORTED FROM BUILDING STRUCTURE. PIPING SHALL BE SUPPORTED FROM TOP CHORD OF JOISTS. NO STRUCTURAL MEMBERS SHALL BE CUT.
- PROVIDE ACCESSIBLE CLEANOUTS AT THE BASE OF STACKS, AT HORIZONTAL CHANGES OF DIRECTION GREATER THAN 45° AND WHERE SHOWN ON DRAWINGS.
- PIPING DROPS TO FIXTURES SHALL BE ANCHORED SOLID TO WALL WITH STEEL SUPPORT BRACKET WITH ADJUSTABLE CLIP.
- PROVIDE STEEL PIPE SLEEVES AT SLAB PENETRATIONS BOTH ON GRADE AND ABOVE GRADE, AND AT MASONRY WALL AND PARTITION PENETRATIONS. OPENINGS SHALL BE SEALED SMOKE AND WATER TIGHT. REFER TO PIPE PENETRATIONS DETAILS ON PLUMBING DETAIL SHEETS.
- COORDINATE LOCATION OF PIPING WITH WORK OF OTHER TRADES. PERFORM CUTTING WORK ASSOCIATED WITH PLUMBING SYSTEMS.



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**PLUMBING LEGENDS, SYMBOLS AND ABBREVIATIONS**

SCALE: AS NOTED

DATE: 04-29-2016

DWG.: P-001

SHEET: 34 OF 40