PIPING SYMBOLS

- UNION
- FLANGE
- PIPE ANCHOR
- PIPE GUIDE OR SLEEVES
- PIPE ELBOW TURNED DOWN
- PIPE ELBOW TURNED UP
- PIPING TEE-DOWN
- PIPING TEE-UP
- PIPE RISER
- FCO FLOOR CLEAN OUT
- CO CLEAN OUT
- WCO WALL CLEAN OUT
- PIPE PITCHES DOWN
- GENERIC VALVE, SEE SPECIFICATIONS FOR TYPE
- GATE VALVE
- BALL VALVE
- BUTTERFLY VALVE (MANUAL)
- 2-WAY CONTROL VALVE
- 3-WAY CONTROL VALVE
- BALANCING VALVE (CIRCUIT SETTER)
- CHECK VALVE
- PLUG VALVE
- GLOBE VALVE
- NEEDLE VALVE
- BACK FLOW PREVENTER
- SOLENOID VALVE
- PRESSURE REDUCING OR REGULATING VALVE
- PRESSURE RELIEF VALVE
- STRAINER
- STRAINER W/BLOWDOWN
- PS PRESSURE SWITCH
- FS FLOW SWITCH
- PG PRESSURE GAUGE AND COCK
- THERMOMETER AND WELL
- TEMPERATURE & PRESSURE TAP (PETE'S PLUG)
- HOSE END DRAIN VALVE WITH CAP
- ORIFICE FLOWMETER
- FLEXIBLE PIPE CONNECTOR
- EXPANSION JOINT
- CONCENTRIC REDUCER/INCREASER
- ECCENTRIC REDUCER/INCREASER
- HB HOSE BIBB
- WH WALL HYDRANT
- DIRECTION OF FLOW
- FIRE DEPARTMENT CONNECTION
- PUMP
- WATER HAMMER SUPPRESSER
- H HUMIDIFIER
- DP DIFFERENTIAL PRESSURE TRANSMITTER
- SPRINKLER HEAD
- GAS TURRET
- MEDICAL OXYGEN OUTLET
- MEDICAL VACUUM INLET
- MEDICAL AIR OUTLET
- NITROUS OXIDE OUTLET
- PIPE ELBOW TURNED DOWN - VALVE IN VERTICAL
- PIPE ELBOW TURNED UP - VALVE IN VERTICAL

ABBREVIATIONS

AAV	AUTOMATIC AIR VENT	DWV	DRAINAGE, WASTE & VENT	PPE	PRE PURCHASED EQUIPMENT
AD	ACCESS DOOR	ENC	ENCLOSURE	PRS	PRESSURE REDUCING STATION
AFF	ABOVE FINISHED FLOOR	(E)	EXISTING	PRV	PRESSURE REDUCING VALVE
AHU	AIR HANDLING UNIT	EXIST.	EXISTING	(R)	REMOVE
ATC	AUTOMATIC TEMPERATURE CONTROL	FBO	FURNISHED BY OWNER	(REL.)	RELOCATED
AV	AIR VENT	FC	FLEXIBLE CONNECTION	RD	ROOF DRAIN
BA	BREATHING COMPRESSED AIR	FCO	FLOOR CLEANOUT	RHC	REHEAT COIL
BFP	BACKFLOW PREVENTER	FD-#	FLOOR DRAIN TAG	RM	ROOM
BLDG	BUILDING	FG	FIBERGLASS	RPZ	REDUCED PRESSURE ZONE BFP
BOD	BOTTOM OF DUCT	FRHB	FREEZE RESISTANT HOSE BIBB	RV	RELIEF VALVE
BOP	BOTTOM OF PIPE	FS	FLOW SWITCH	SCV	SELF CONTAINED VALVE
BTU	BRITISH THERMAL UNIT	GC	GENERAL CONTRACTOR	SS	STAINLESS STEEL
CFF	CAPPED FOR FUTURE	GPM	GALLONS PER MINUTE	TE	TEMPERATURIZED ELEMENT (SENSOR)
CFH	CUBIC FEET PER HOUR	H	HUMIDIFIER	TOP	TOP OF PIPE
CLG	CEILING	HB	HOSE BIB	TTS	TIGHT TO STEEL
CO	CLEANOUT	HRU	HEAT RECOVERY UNIT	TYP	TYPICAL
CONT	CONTINUATION	HTR	HEATER	UIC	UP IN CHASE
COORD	COORDINATE	H & V	HEATING AND VENTILATION	UIW	UP IN WALL
CT	COOLING TOWER	HVAC	HEATING, VENTILATING AND AIR CONDITIONING	UV	UNIT VENTILATOR
CTE	CONNECT TO EXISTING	HW	HOT WATER	VB	VACUUM BREAKER
CU	COPPER	HX	HEAT EXCHANGER	VTR	VENT THRU ROOF
CV	CONTROL VALVE	IN WG	INCHES WATER GAUGE	VCFF	VALVED AND CAPPED FOR FUTURE
CW	COLD WATER	MAU	MAKE UP AIR UNIT	VFD	VARIABLE FREQUENCY DRIVE
CW-P	CITY WATER-PROCESS	MAX	MAXIMUM	VOC	VOLATILE ORGANIC COMPOUNDS
DC	DOUBLE CONTAINED	MBH	1000 BTU/HR.	W/	WITH
DCO	DANDY CLEANOUT	ME	MECHANICAL ENGINEER	W&T	WASTE AND TRAP
DDC	DIRECT DIGITAL CONTROL	MFR	MANUFACTURER	WCO	WALL CLEANOUT
DIA	DIAMETER	MIN	MINIMUM	WH	WALL HYDRANT
DIC	DOWN IN CHASE	MPV	MULTI-PURPOSE VALVE		
DIW	DOWN IN WALL	MTD	MOUNTED		
DN	DOWN	MUA	MAKE UP AIR		
DS	DOWNSPOUT	NPW	NON-POTABLE WATER		
DT	DROP AND TRANSITION	NTS	NOT TO SCALE		
DWG	DRAWING	P-#	PLUMBING FIXTURE TAG		
DWH	DOMESTIC WATER HEATER	PP	POLY-PROPYLENE		

PIPING SYSTEMS

AV	ACID VENT	MV	MEDICAL VACUUM	TEMP	DOMESTIC HOT WATER (TEMP °F)
AD	ACID DRAIN	N2NP	NON-PROCESS NITROGEN	TEMP	RECIRC. DOMESTIC HOT WATER (TEMP °F)
AD	ACID DRAIN (BELOW SLAB)	N2	NITROGEN		CW DOMESTIC COLD WATER
BA	BREATHING AIR	NG	NATURAL GAS		HW DOMESTIC HOT WATER
CD	CONDENSATE DRAIN	HNG	HIGH PRESSURE NATURAL GAS	RHW	RECIRCULATED DOMESTIC HOT WATER
CDA	COMPRESSED DRY AIR	NO2	NITROUS OXIDE	S, W or KW	S SANITARY, W WASTE & KW KITCHEN WASTE
DB	DISTRIBUTION VALVE BOX	NEG. SOLV.	NEGATIVE SOLVENT DRAIN	S, W or KW	S SANITARY, W WASTE & KW KITCHEN WASTE (EXIST.)
DIS	DEIONIZED WATER SUPPLY	NPW	NON POTABLE COLD WATER	S, W or KW	S SANITARY, W WASTE & KW KITCHEN WASTE (BELOW SLAB)
DIR	DEIONIZED WATER RETURN	O2	OXYGEN	S, W or KW	S SANITARY, W WASTE & KW KITCHEN WASTE (BELOW SLAB-EXIST.)
EKCD	EKC DRAIN	OFA	OIL FREE COMPRESSED AIR	SD	SD STORM DRAIN
ESEW	EYEWASH	PD	PUMPED DISCHARGE	SD	SD STORM DRAIN (EXIST.)
GLY	GLYCOL	POS. SOLV.	POSITIVE SOLVENT DRAIN	SD	SD STORM DRAIN (BELOW SLAB)
GV	GAS VENT	PW	POTABLE WATER	SD	SD STORM DRAIN (BELOW SLAB-EXIST.)
H	HYDROGEN	R	RELIEF LINE		V SANITARY VENT
H202	HYDROGEN PEROXIDE	SLD	MIXED SOLVENT DRAIN		V SANITARY VENT (EXIST.)
HCV	HOUSE CLEAN VACUUM	SV	SOLVENT		V SANITARY VENT (BELOW SLAB)
IAD	ISOPROPYL ALCOHOL DRAIN	SP	SPRINKLER		V SANITARY VENT (BELOW SLAB-EXIST.)
LP	LIQUID PROPANE GAS	VAC	VACUUM		
HLP	HIGH PRESSURE LIQUID PROPANE GAS	ZB	ZONE VALVE BOX		
MA	MEDICAL AIR				

GENERAL NOTE

1. ALL GENERAL NOTES, SYMBOL LISTS, AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL PLUMBING DRAWINGS FOR THIS PROJECT. SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION INTO THE DESIGN.

Reviewed for Code Compliance
Joseph Gray Gerrish
Fire Marshal
Date: 09/06/16

REV	DESCRIPTION	DATE
0	PERMIT SET	7-1-16

PERMIT SET
7-1-16

CURRENT ISSUE STATUS:

PROJECT NORTH:

STATE OF MAINE
CALEB J. MILLIKEN
No. 12274
LICENSED
PROFESSIONAL ENGINEER
9/1/16

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MILLER DRUG FITUP
MERCY FORE RIVER MOB

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PLUMBING LEGEND AND ABBREVIATIONS

SHEET TITLE:

0 1/4" 1/2" 1" 2" 3"

SCALE: AS NOTED

PROJECT MANAGER:	KD	PROJECT NO:	16087
A/E OF RECORD:	CJH		
JOB CAPTAIN:	SHK		
DRAWN BY:	CWF		
SMRT FILE:	P-001-16087	SHEET No.	P-001

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