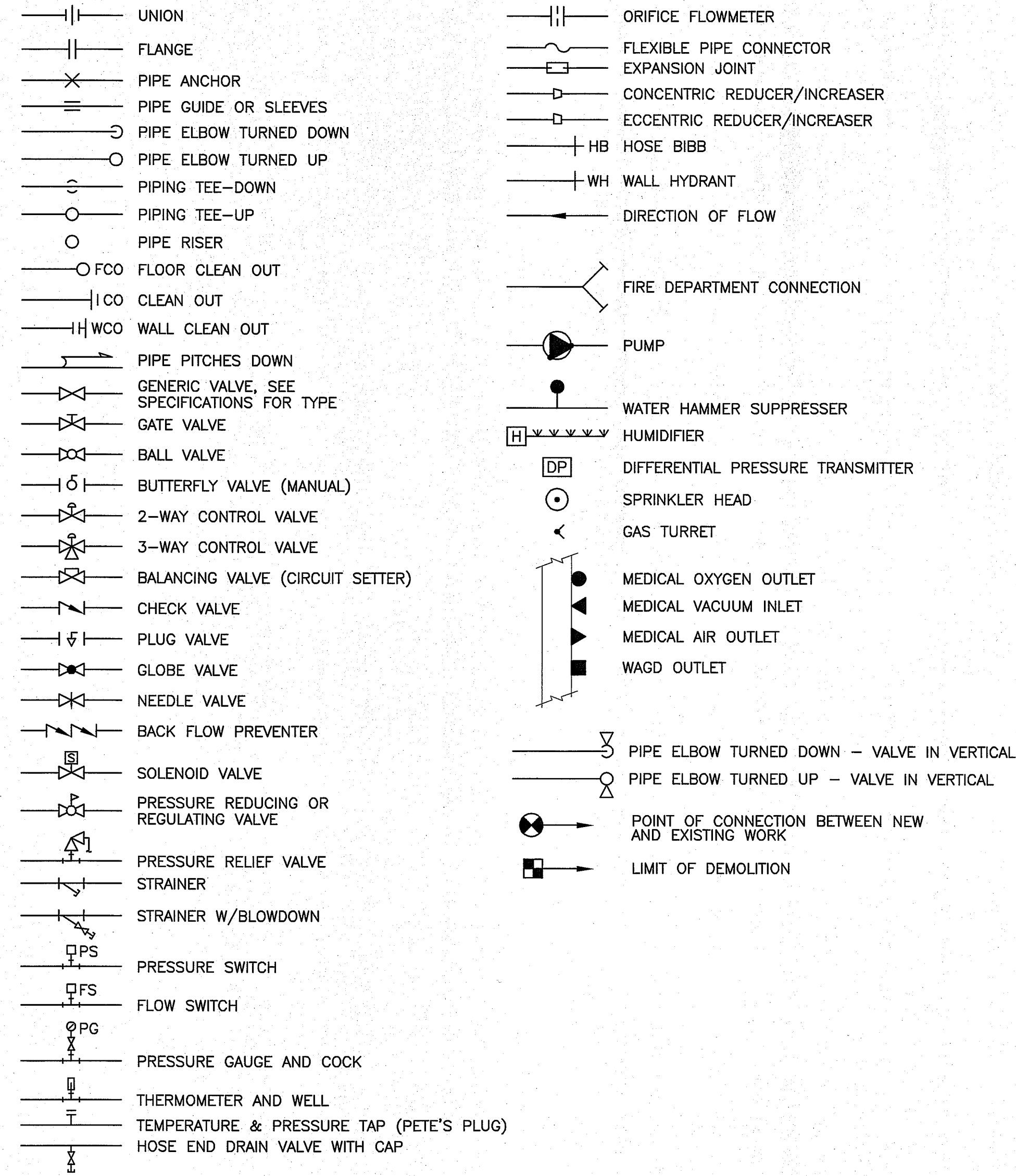


## PIPING SYMBOLS



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

## PIPING SYSTEMS

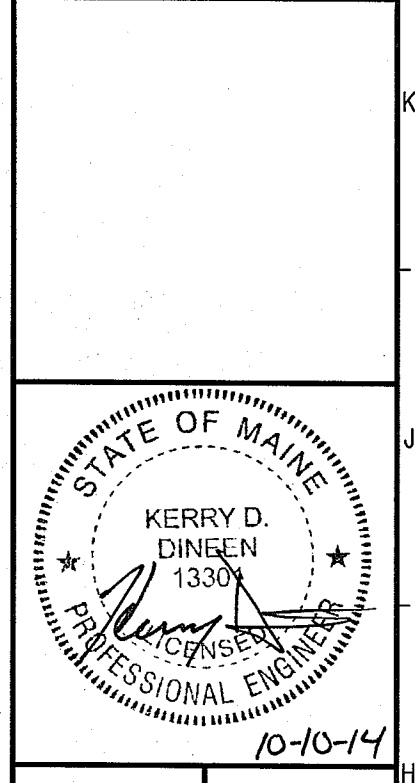
— AV —	ACID VENT	— MV —	MEDICAL VACUUM	— TEMP —	DOMESTIC HOT WATER (TEMP °F)
— AD —	ACID DRAIN	— N2NP —	NON-PROCESS NITROGEN	— TEMP —	RECIRC. DOMESTIC HOT WATER (TEMP °F)
--- AD ---	ACID DRAIN (BELOW SLAB)	— N2 —	NITROGEN	— CW —	DOMESTIC COLD WATER
— BA —	BREATHING AIR	— NG —	NATURAL GAS	— HW —	DOMESTIC 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	— R —	POTABLE WATER	— SD —	SD STORM DRAIN (BELOW SLAB-EXIST.)
— H —	HYDROGEN	— REL. —	RELIEF LINE	— V —	SANITARY VENT
— H2O2 —	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.

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10-10-14

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