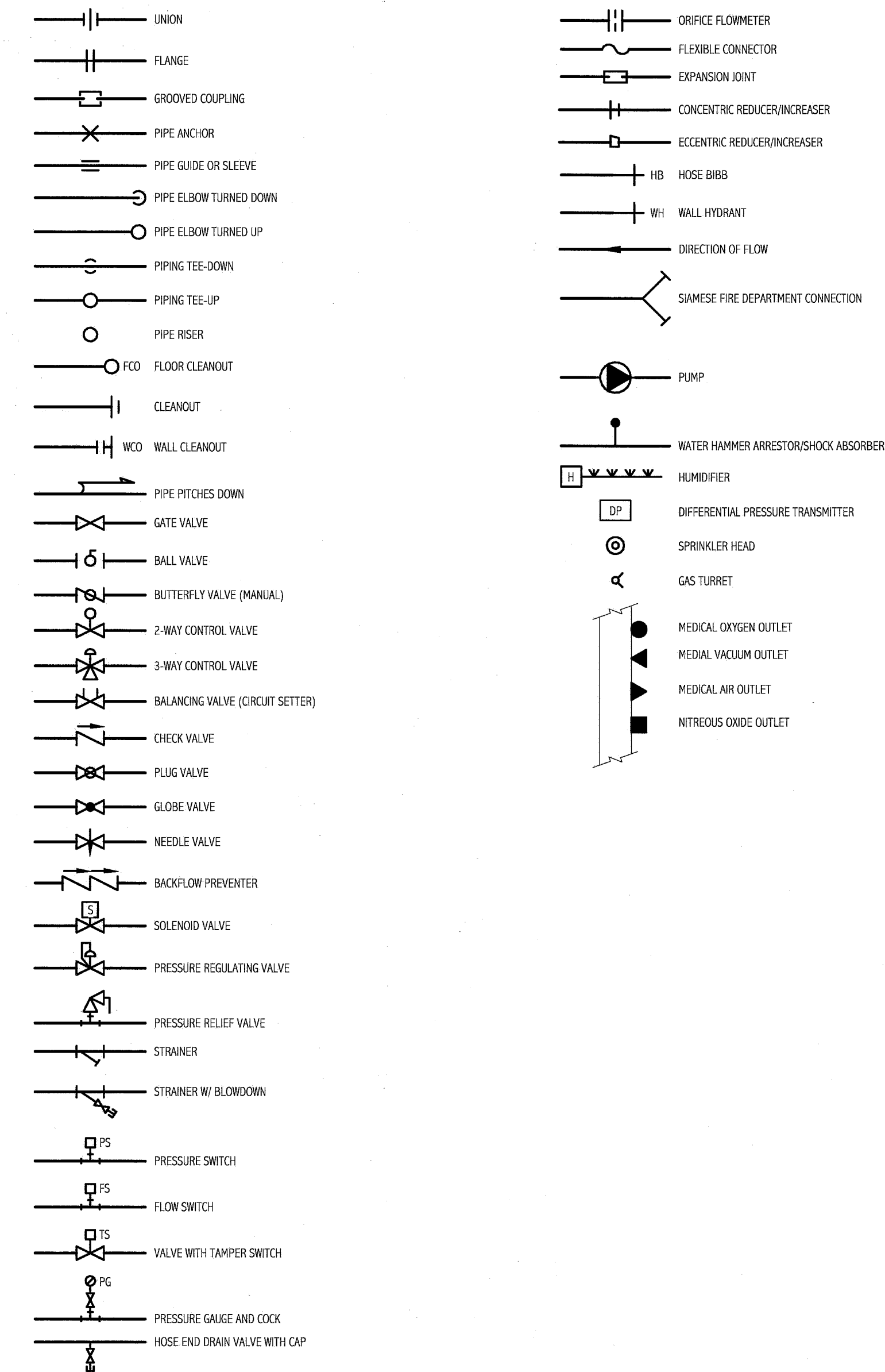


PIPING SYMBOLS



PIPING SYSTEMS

AV ACID VENT	MPV MEDICAL VACUUM	TEMP DOMESTIC HOT WATER (TEMP DEG. F)
AD ACID DRAIN	N2NP NON-PROCESS NITROGEN	TEMP RECIRC. DOMESTIC HOT WATER (TEMP DEG. 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 (EXISTING)
DIS DEIONIZED WATER SUPPLY	NPW NON POTABLE COLD WATER	S, W or KW (S) SANITARY, (W) WASTE & (KW) KITCHEN WASTE (BELOW SLAB)
DR DEIONIZED WATER RETURN	O2 OXYGEN	S, W or KW (S) SANITARY, (W) WASTE & (KW) KITCHEN WASTE (BELOW SLAB-EXIST.)
EXCD EXC. DRAIN	OFA OIL FREE COMPRESSED AIR	SD STORM DRAIN
ESEW EYEWASH	PD PUMPED DISCHARGE	SD STORM DRAIN (EXISTING)
GLY GLYCOL	POS. SOLV. POSITIVE SOLVENT DRAIN	SD STORM DRAIN (BELOW SLAB)
GV GAS VENT	PW POTABLE WATER	SD STORM DRAIN (BELOW SLAB - EXST.)
H HYDROGEN	R RELIEF LINE	V SANITARY VENT
H2O2 HYDROGEN PEROXIDE	SLD MIXED SOLVENT DRAIN	V SANITARY VENT (EXISTING)
HCV HOUSE CLEAN VACUUM	SV SOLVENT	V SANITARY VENT (BELOW SLAB)
IAD ISOPROPYL ALCOHOL DRAIN	SPK SPRINKLER	V SANITARY VENT (BELOW SLAB - EXST.)
LP LIQUID PROPANE GAS	VAC VACUUM	
HLP HIGH PRESSURE LIQUID PROPANE GAS	ZB ZONE VALVE BOX	
MA MEDICAL AIR		

ABBREVIATIONS

AV AUTOMATIC AIR VENT	DW DRAINAGE, WASTE AND VENT	PPE PREPURCHASED 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.) RELOCATE
AV AIR VENT	FC FLEXIBLE CONNECTOR	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
BOO BOTTOM OF DUCT	FRFB 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
CF CAPPED FOR FUTURE	GPM GALLONS PER MINUTE	TE TEMPERATURE ELEMENT (SENSOR)
CFM CUBIC FEET PER MINUTE	H HUMIDIFIER	TOP TOP OF PIPE
CLG CEILING	HB HOSE BIBB	TTS TIGHT TO STEEL
CO CLEANOUT	HRU HEAT RECOVERY UNIT	TYP TYPICAL
CONT CONTINUATION	HTR HEATER	UIC UP IN CHASE
COORD COORDINATION	H & V HEATING AND VENTILATING	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
CJ COPPER	IX HEAT EXCHANGER	VIR VENT THROUGH ROOF
CV CONTROL VALVE	IN WG INCHES WATER GAUGE	VEFF VALVED AND CAPPED FOR FUTURE
CW COLD WATER	MAU MAKEUP AIR UNIT	VFD VARIABLE FREQUENCY DRIVE
CW-P CITY WATER-PROCESS	MAX MAXIMUM	VOC VOLATILE ORGANIC COMPOUND
DC DOUBLE CONTAINED	MBH 1000 BTU/HR	W/ WITH
DDO DANDY CLEANOUT	ME MECHANICAL ENGINEER	W&T WASTE AND TRAP
DDC DIRECT DIGITAL CONTROL	MFR MANUFACTURER	WCO WALL CLEANOUT
DA DIAMETER	MIN MINIMUM	WH WALL HYDRANT
DIC DOWN IN CHASE	MPV MULTI-PURPOSE VALVE	ZVB ZONE VALVE BOX
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 POLYPROPYLENE	

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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02.24.12

REV	DATE	DESCRIPTION
0	2.24.12	ISSUED FOR CONSTRUCTION

GRAPHIC SCALE:
0" 1"

SCALE: NOT TO SCALE

PROJECT MANAGER: DW
JC/DRAWN BY: BAL
A/E OF RECORD: TAC
PROJECT NO: 11063
DATE: 02.24.12

SHEET TITLE:
PLUMBING LEGEND

SHEET No. **P-001**