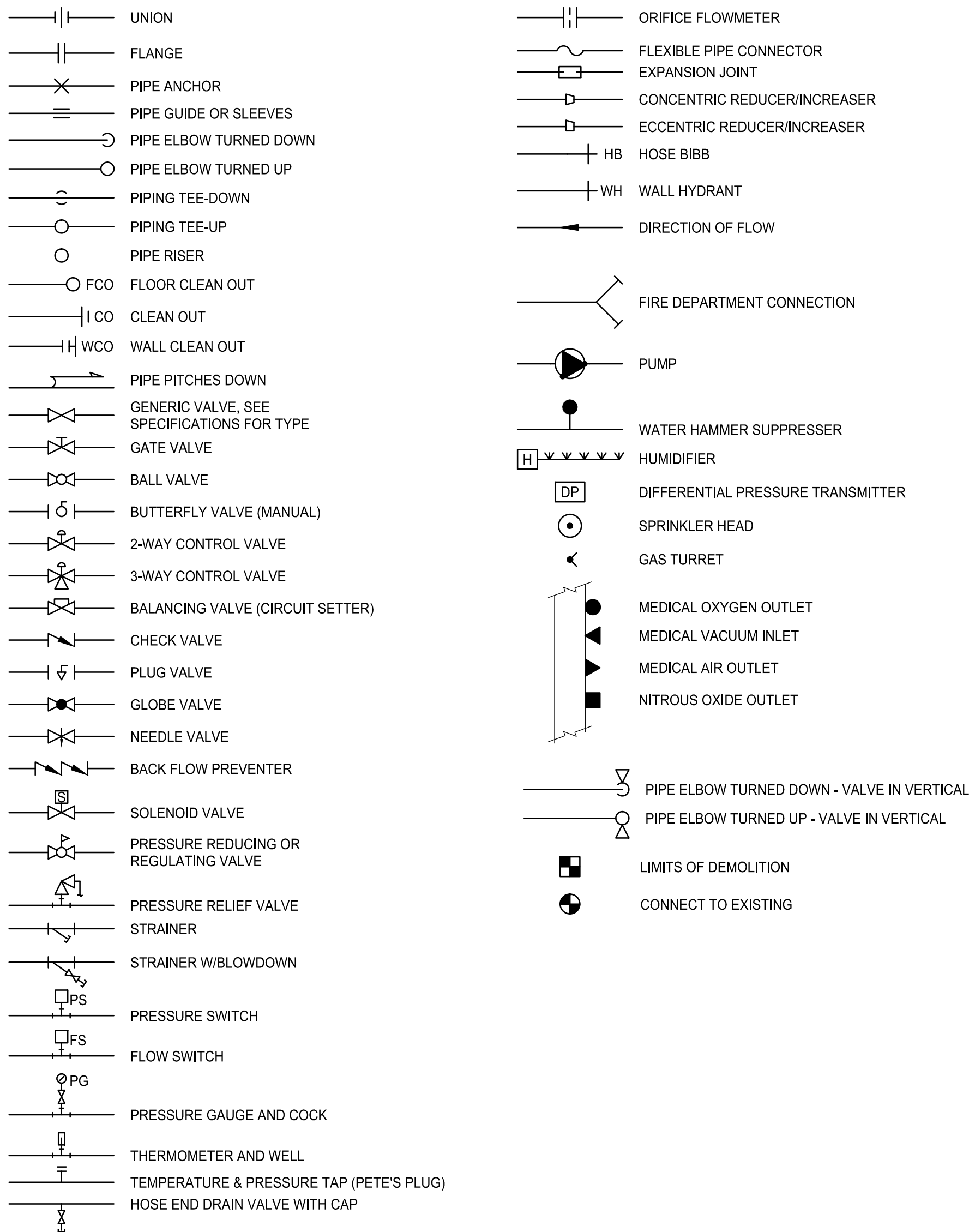
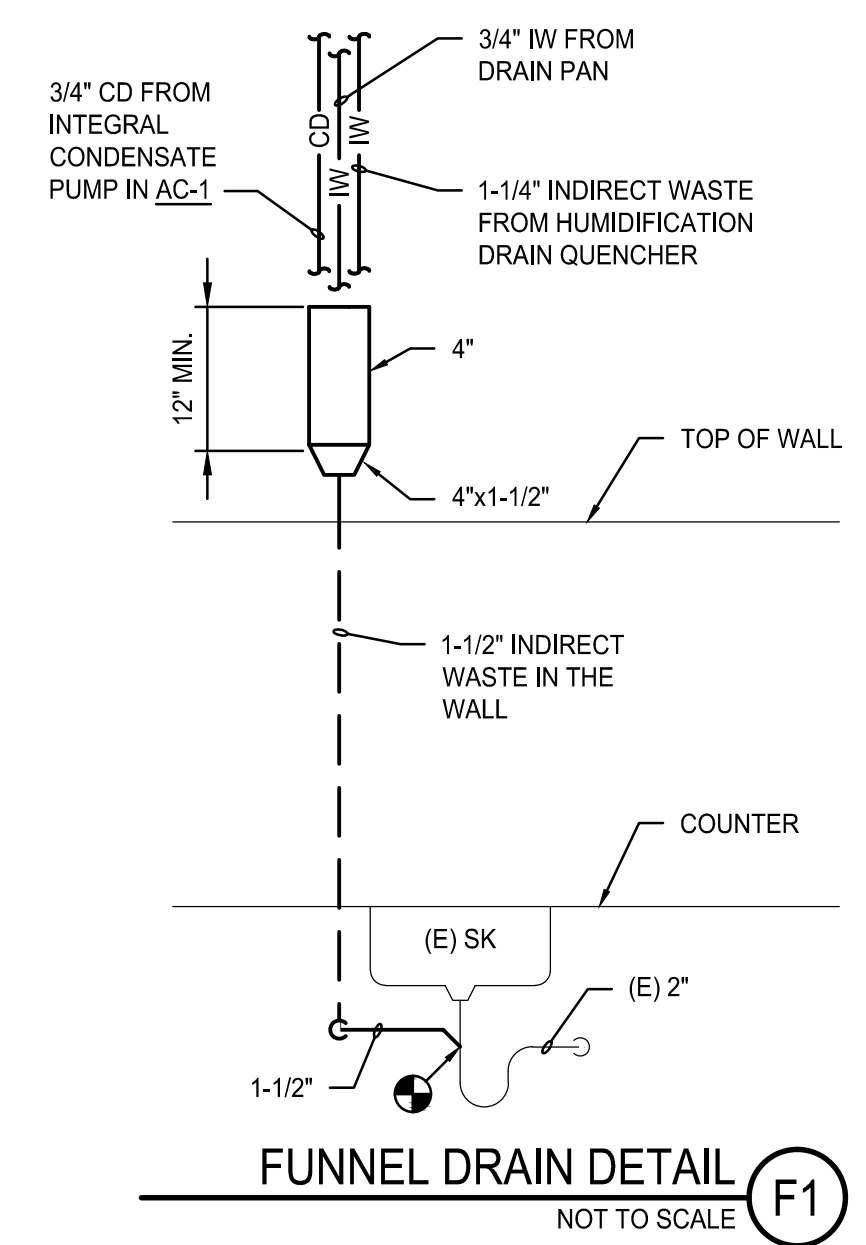


PIPING SYMBOLS



ABBREVIATIONS

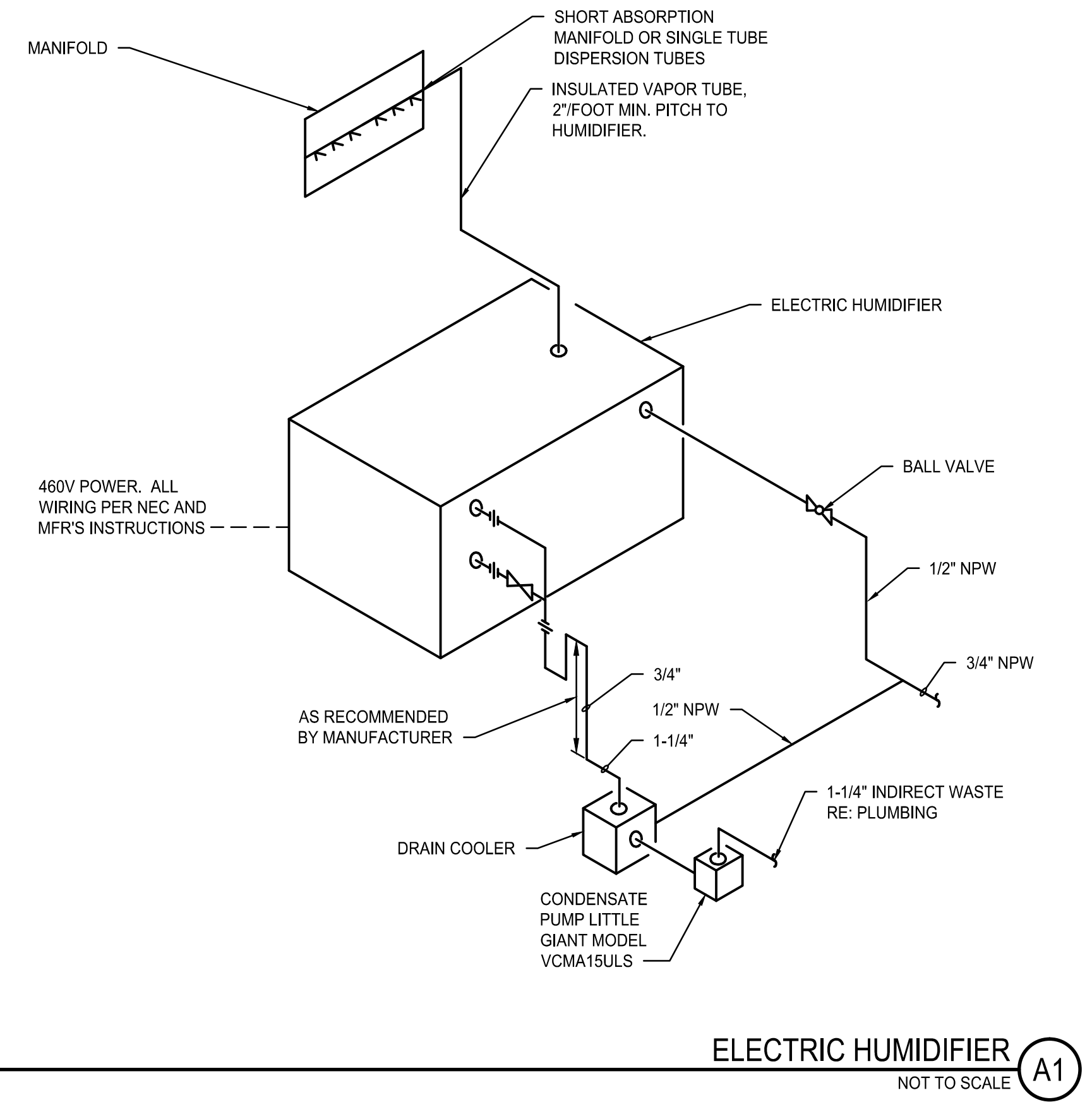
AAV	AUTOMATIC AIR VENT	DWV	DRAINAGE, WASTE & VENT	P-#	PLUMBING FIXTURE TAG
AD	ACCESS DOOR	EE	EMERGENCY EQUIPMENT	PP	POLY-PROPYLENE
AFB	ABOVE FINISHED FLOOR	ENC	ENCLOSURE	PPE	PRE PURCHASED EQUIPMENT
AHU	AIR HANDLING UNIT	(E)	EXISTING	PRS	PRESSURE REDUCING STATION
ATC	AUTOMATIC TEMPERATURE CONTROL	EXIST.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



PIPING SYSTEMS

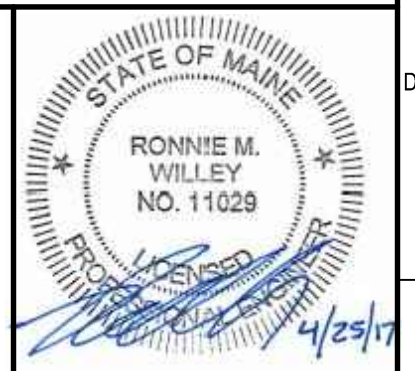
AV	ACID VENT	MV	MEDICAL VACUUM	TEMP	DOMESTIC HOT WATER (TEMP °F)
AD	ACID DRAIN	N2NP	NON-PROCESS NITROGEN	TEMP	RECIRC. DOMESTIC HOT WATER (TEMP °F)
AD	ACID DRAIN (BELOW SLAB)	N2	NITROGEN	CW	DOMESTIC COLD WATER
BA	BREATHING AIR	NG	NATURAL GAS	HW	DOMESTIC HOT WATER
CD	CONDENSATE DRAIN	HNG	HIGH PRESSURE 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.)
EKC	EKC DRAIN	OFA	OIL FREE COMPRESSED AIR	SD	STORM DRAIN
ESEW	EYEWASH	PD	PUMPED DISCHARGE	SD	STORM DRAIN (EXIST.)
GLY	GLYCOL	POS. SOLV.	POSITIVE SOLVENT DRAIN	SD	STORM DRAIN (BELOW SLAB)
GV	GAS VENT	PW	POTABLE WATER	SD	STORM DRAIN (BELOW SLAB-EXIST.)
H	HYDROGEN	R	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
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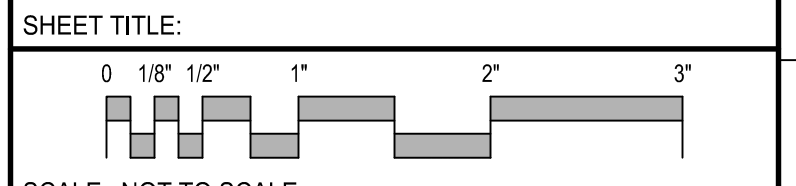
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PLUMBING LEGEND,
ABBREVIATIONS, AND DETAILS



SCALE: NOT TO SCALE

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JOB CAPTAIN:	CAH		
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