

---LPR--- LOW PRESSURE RETURN

---MPR--- MEDIUM PRESSURE RETURN

PC PUMPED STEAM CONDENSATE

PD PUMPED DISCHARGE

-----PW------- POTABLE WATER

----- R ----- RELIEF LINE

——PCWR—— PROCESS COOLING WATER RETURN

--- FCS --- FREE COOLING SUPPLY

---GCR--- GRAVITY STEAM CONDENSATE RETURN

---HCR--- HOT/ CHILLED WATER RETURN

-----HCS----- HOT/ CHILLED WATER SUPPLY

--- FOS --- FUEL OIL SUPPLY

---FOR--- FUEL OIL RETURN

—— FOV —— FUEL OIL VENT

—— GLY —— GLYCOL

ABBREVIATIONS

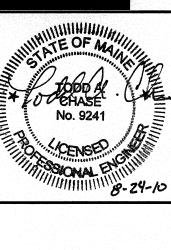
AAV	AUTOMATIC AIR VENT	ENC	ENCLOSURE	PSE	PROCESS SOLVENT EXHAUST
ACC	AIR COOLED CONDENSER	ER	EXHAUST REGISTER	PP	POLY-PROPYLENE
ACU	AIR CONDITIONING UNIT	(E)	EXISTING	PPE	PRE PURCHASED EQUIPMENT
AD	ACCESS DOOR	EXIST.	EXISTING	PRS	PRESSURE REDUCING STATION
AE	ACID EXHAUST	FBO	FURNISHED BY OWNER	PRV	PRESSURE REDUCING VALVE
AFF	ABOVE FINISHED FLOOR	FBP	FACE AND BYPASS	PVD	PNEUMATIC VOLUME DAMPER
AFMS	AIR FLOW MEASURING STATION	FC	FLEXIBLE CONNECTION	(R)	REMOVE
AHU	AIR HANDLING UNIT	FD	FIRE DAMPER	RA	RETURN AIR
ATC	AUTOMATIC TEMPERATURE CONTROL	FG	FIBERGLASS	(REL.)	RELOCATED
AV	AIR VENT	F & T	FLOAT AND THERMOSTATIC	RF	RETURN FAN
вв	BASEBOARD	FO	FLAT OVAL	RG	RETURN GRILLE
3DD	BACKDRAFT DAMPER	FTR	FINNED TUBE RADIATION	RHC	REHEAT COIL
BG	BLAST GATE	FS	FLOW SWITCH	RM	ROOM
BLDG	BUILDING	GC	GENERAL CONTRACTOR	RR	RETURN REGISTER
BOD	BOTTOM OF DUCT	GPM	GALLONS PER MINUTE	RV	RELIEF VALVE
BOP	BOTTOM OF PIPE	H	HUMIDIFIER	SA	SUPPLY AIR
BTU	BRITISH THERMAL UNIT	НВ	HOSE BIB	SCV	SELF CONTAINED VALVE
CBD	COUNTER BALANCED DAMPER	HRU	HEAT RECOVERY UNIT	SD	SMOKE DETECTOR
CD	CEILING DIFFUSER	HTR	HEATER	SF	SUPPLY FAN
CFF	CAPPED FOR FUTURE	H & V	HEATING AND VENTILATION	SG	SUPPLY GRILLE
CFM	CUBIC FEET PER MINUTE	HVAC	HEATING, VENTILATING AND AIR CONDITIONING	SR	SUPPLY REGISTER
CLG	CEILING	HW	HOT WATER	SS	STAINLESS STEEL
ONT	CONTINUATION	НХ	HEAT EXCHANGER	TE	TEMPERATURIZED ELEMENT (SENSOR
OORD	COORDINATE	IN WG	INCHES WATER GAUGE	TG	TRANSFER GRILLE
CP	CONDENSATE PUMP & RECEIVER	LD	LINED DUCT	TOD	TOP OF DUCT
СТ	COOLING TOWER	MAU	MAKE UP AIR UNIT	TOP	TOP OF PIPE
CTE	CONNECT TO EXISTING	MAX	MAXIMUM	TTS	TIGHT TO STEEL
CU	COPPER	MBH	1000 BTU/HR.	TV	TURNING VANE(S)
CUH	CABINET UNIT HEATER	ME	MECHANICAL ENGINEER	TYP	TYPICAL
CV	CONTROL VALVE	MFR	MANUFACTURER	UH	UNIT HEATER
CW	COLD WATER	MIN	MINIMUM	UIC	UP IN CHASE
DC	DOUBLE CONTAINED	MD	MOTOR OPERATED DAMPER	UIW	UP IN WALL
DDC	DIRECT DIGITAL CONTROL	MPV	MULTI-PURPOSE VALVE	UV	UNIT VENTILATOR
DIA	DIAMETER	MTD	MOUNTED	VAV	VARIABLE AIR VOLUME BOX
DIC	DOWN IN CHASE	MUA	MAKE UP AIR	VB	VACUUM BREAKER
DIW	DOWN IN WALL	NPW	NON-POTABLE WATER	VTR	VENT THRU ROOF
DN	DOWN	NTS	NOT TO SCALE	VD	MANUAL VOLUME DAMPER
DT	DROP AND TRANSITION	OA	OUTSIDE AIR	VCFF	VALVED AND CAPPED FOR FUTURE
DWG	DRAWING	OBD	OPPOSED BLADE DAMPER	VFD	VARIABLE FREQUENCY DRIVE
DWH	DOMESTIC WATER HEATER	OED	OPEN ENDED DUCT	VOC	VOLATILE ORGANIC COMPOUNDS
	EXHAUST AIR	PAE	PROCESS ACID EXHAUST	W/	WITH
EA	EXTIAOST AIN		1 110 0 2 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1	'''/	분성(XXXIII - III II

GENERAL NOTE

1. ALL GENERAL NOTES, SYMBOL LISTS, AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL HVAC AND 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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ISSUED FOR CONSTRU 8.24.10

GRAPHIC SCALE: SCALE: PROJECT MANAGER:

A/E OF RECORD: PROJECT NO: SHEET TITLE: MECHANICAL LEGEND AND

ABBREVIATIONS

M-001