

HG HOT GAS

HIGH PRESSURE STEAM

HWS HOT WATER SUPPLY

HWR—HOT WATER RETURN

LOW PRESSURE

LOW PRESSURE STEAM

MPS MEDIUM PRESSURE STEAM

MPR—— MEDIUM PRESSURE RETURN

NPW—NON POTABLE COLD WATER

PC PUMPED STEAM CONDENSATE

PD PUMPED DISCHARGE

PW—POTABLE WATER

RELIEF LINE

PCWR——PROCESS COOLING WATER RETURN

HIGH PRESSURE CONDENSATE RETURN

RL REFRIGERANT LIQUID

ZB ZONE VALVE BOX

RS REFRIGERANT SUCTION

TWS—TEMPERED CHILLED WATER SUPPLY

TEMPERED CHILLED WATER RETURN

PIPING SYSTEMS

——CD—— CONDENSATE DRAIN

——CHWS—— CHILLED WATER SUPPLY

——CHWR—— CHILLED WATER RETURN

CONDENSER WATER SUPPLY

CONDENSER WATER RETURN

GRAVITY STEAM CONDENSATE RETURN

HCR—HOT/CHILLED WATER RETURN

HOT/CHILLED WATER SUPPLY

DISTRIBUTION VALVE BOX

FREE COOLING SUPPLY

FCR—FREE COOLING RETURN

FOS—FUEL OIL SUPPLY
FOR—FUEL OIL RETURN

FOV FUEL OIL VENT

GLYCOL

GENERAL SYMBOLS

DETAIL I.D. DETAIL TAG SHEET NO. WHERE DETAIL IS LOCATED KEYED NOTE MECHANICAL EQUIPMENT TAG

LIMIT OF DEMOLITION

CONNECTION OF NEW WORK TO EXISTING

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 PREPURCHASED 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 CONNECTOR	(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
BB BASEBOARD	FO FLAT OVAL	RG RETURN GRILLE
BDD BACKDRAFT DAMPER	FTR FINNED TUBE RADIATION	RHC REHEAT COIL
BG BLAST GATE	FS FLOW SWITCH	RM ROOM
BLDGBUILDING	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	HB HOSE BIBB	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 & VHEATING AND VENTILATING	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
CONT CONTINUATION	HX HEAT EXCHANGER	TE TEMPERATURIZED ELEMENT (SENSOF
CONV CONVECTOR	IN WG INCHES WATER GAUGE	TG TRANSFER GRILLE
COORD COORDINATION	MAU MAKEUP AIR UNIT	TOD TOP OF DUCT
CT COOLING TOWER	MAX MAXIMUM	TOP TOP OF PIPE
CTE CONNECT TO EXISTING	MBH 1000 BTU/HR	TTS TIGHT TO STEEL
CU COPPER	MD MOTORIZED DAMPER	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	MPV MULTI-PURPOSE VALVE	UIW UP IN WALL
DDC DIRECT DIGITAL CONTROL	MTD MOUNTED	UV UNIT VENTILATOR
DIA DIAMETER	MUA MAKE UP AIR	VAV VARIABLE AIR VOLUME BOX
DIC DOWN IN CHASE	NPW NON-POTABLE WATER	VB VACUUM BREAKER
DIW DOWN IN WALL	NTS NOT TO SCALE	VCFF VALVED AND CAPPED FOR FUTURE
DN DOWN	OA OUTSIDE AIR	VD MANUAL VOLUME DAMPER
DT DROP AND TRANSITION	OBD OPPOSED BLADE DAMPER	VFD VARIABLE FREQUENCY DRIVE
DWG DRAWING	OED OPEN ENDED DUCT	VRF VARIABLE REFRIGERANT FLOW
DWH DOMESTIC WATER HEATER	PAE PROCESS ACID EXHAUST	VOC VOLITILE ORGANIC COMPOUND
EA EXHAUST AIR	PHE PROCESS HEAT EXHAUST	VTR VENT THROUGH ROOF
EF EXHAUST FAN		W/ WITH

GENERAL NOTE:

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

NOT FOR CONSTRUCTION

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MECHANICAL LEGEND AND ABBREVIATIONS

OF:
VERTICAL CIRCULATION IMPROVEMENTS

TE SCALE

1/17 NOT TO SCALE

2.M-001