

GENERAL NOTES:

- A. ALL LOCATION OF EXISTING PIPING, DUCT AND EQUIPMENT ARE APPROXIMATE AND SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. CONTRACTOR SHALL NOTIFY OWNERS REPRESENTATIVE IN WRITING IF CONDITIONS ARE FOUND TO BE DIFFERENT THAN SHOWN ON THE DRAWING BEFORE PROCEEDING.
- B. BEFORE ENERGIZING NEW EQUIPMENT OR CONNECTING TO EXISTING POWER SOURCES, THE CONTRACTOR SHALL COORDINATE WITH THE OWNER'S REPRESENTATIVE.
- C. ALL WORK IS NEW UNLESS OTHERWISE INDICATED TO BE EXISTING, REMOVED OR RELOCATED.
- D. COMPLY WITH APPLICABLE CODES AND STANDARDS AS INDICATED IN SPECIFICATION SECTION 15011.
- E. PROVIDE ALL NEW PIPING WITH NEW NAME LABELS AND COLOR CODING TO CORRELATE TO THE DESIGNATION USED ON THE DRAWINGS.
- F. ALL STATIONING AND DIMENSIONAL INFORMATION IS APPROXIMATE AND SHALL BE FIELD VERIFIED AND COORDINATED WITH ALL OTHER TRADES PRIOR TO CONSTRUCTION.

MECHANICAL SYMBOLS			
NOT ALL SYMBOLS ARE NECESSARILY USED ON THIS PROJECT			
	AIR DEVICE DESIGNATION		DUCT (SIZE IN INCHES, FIRST FIG. SIDE SHOWN)
	THERMOSTAT		90 DEGREE RECTANGULAR ELBOW UP
	PIPE CAP OR BLIND FLANGE		90 DEGREE RECTANGULAR ELBOW DOWN
	RISER DOWN (ELBOW)		DUCT SECTION - SUPPLY
	RISER UP (ELBOW)		CONDENSATE DRAIN LINE
	INDICATING LIGHT (R-RED; Y-YELLOW; G-GREEN)		POINT OF CONNECTION - NEW TO EXISTING
	FIRE LINE		FLOW DIRECTION
	PUMP DISCHARGE LINE		DUCT SECTION - EXHAUST, RETURN, OUTSIDE OR RELIEF
	DRAIN LINE		CARBON MONOXIDE SENSOR
	FIRE HOSE VALVE		ROADWAY DRAIN

ABBREVIATIONS AND SERVICE DESIGNATIONS

AC ABOVE CEILING	DIA DIAMETER	FEC FIRE EXTINGUISHER CABINET	PSI POUNDS PER SQUARE INCH
ACFM ACTUAL CUBIC FEET PER MINUTE	DISCH DISCHARGE	G GAS LOW PRESSURE	PW POTABLE (DOMESTIC) WATER
AD AIR DRYER	DN DOWN	GA GAGE	R RETURN, RED
AMB AMBIENT	DWG DRAWING	GAL GALLON	RA RETURN AIR
AMP AMPERE	DS DOWNSPOUT (STORM SEWER)	GCO GRADE CLEANOUT	RD ROOF DRAIN
ARCH ARCHITECTURE	D DRAIN	GPM GALLONS PER MINUTE	RECIRC. RECIRCULATING
ASR AUTOMATIC SPRINKLER RISER	E EXISTING	GPH GALLONS PER HOUR	RH RELATIVE HUMIDITY
AUX AUXILIARY	EA EACH	HAD HEAT ACTUATING DEVICE	RM ROOM
AVG AVERAGE	EAT ENTERING AIR TEMPERATURE	HD HUB DRAIN	RPM REVOLUTIONS PER MINUTE
AFF ABOVE FINISHED FLOOR	EDH ELECTRIC DUCT HEATER	HGT HEIGHT	RRT REMOTE RESET THERMOSTAT
BE BOTTOM ELEVATION	EF EXHAUST FAN	HORI HORIZONTAL	RT RAIN TIGHT
BF BELOW FLOOR, BOILER FEEDWATER	EFF EFFICIENCY	HP HORSEPOWER	RTU ROOF TOP UNIT
BFC BELOW FINISHED CEILING	ELEC ELECTRICAL	HZ HERTZ	S SUPPLY
BFF BELOW FINISHED FLOOR	EP EXPLOSION PROOF	IE INVERT ELEVATION	SS SANITARY SEWER
BG BELOW GRADE	ENT ENTERING	IN INCH	SC SCALE
BLDG BUILDING	EUH ELECTRIC UNIT HEATER	KW KILOWATT	SD STORM SEWER
BOD BOTTOM OF DUCT	EXP EXPANSION	LAT LEAVING AIR TEMPERATURE	SECT SECTION
BOP BOTTOM OF PIPE	EXT EXTERNAL	LG LENGTH	SENS SENSIBLE
BOT BOTTOM	ELEV ELEVATION	LVG LEAVING	SF SUPPLY FAN
BTUH BRITISH THERMAL UNITS PER HOUR	EWC ELECTRICAL WATER COOLER	MAN MANUAL	SOL SOLENOID
BYP BYPASS	FCU FAN COIL UNIT	MAX MAXIMUM	SP STATIC PRESSURE
C/B CIRCUIT BREAKER	F FAHRENHEIT	MECH MECH	SA SUPPLY AIR
CAP CAPACITY	FCO FLOOR CLEANOUT	MIN MINIMUM, MINUTE	TEMP TEMPERATURE
CFH CUBIC FEET PER HOUR	FD FIRE DAMPER	MVD MANUAL VOLUME DAMPER	TYP TYPICAL
CFM CUBIC FEET PER MINUTE	FD-1 FLOOR DRAIN, TYPE 1	NO NORMALLY OPEN, NUMBER	UH UNIT HEATER
CIP CAST IRON PIPE	FDC FIRE DEPARTMENT CONNECTION	NTS NOT TO SCALE	UL UNDERWRITERS LAB
CKT CIRCUIT	FEXT FIRE EXTINGUISHER	NC NORMALLY CLOSED, NOISE CRITERIA	V VENT, VOLT
CL CENTER LINE	FLEX FLEXIBLE	OA OUTSIDE AIR	VA VALVE
CLG CEILING	FPB FAN POWER BOX	OBDO OPPOSED BLADE DAMPER	VEL VELOCITY
CO CLEAN OUT	FPI FINS PER INCH	OD OVERFLOW DRAIN	VERT VERTICAL
COL COLUMN	FPM FEET PER MINUTE	PC PUMPED CONDENSATE	VF VENT FAN
COND'S CONDITIONS	FPS FEET PER SECOND	PH PHASE	VTR VENT THRU ROOF
CONN CONNECTION	FT FOOT, FEET	3PH THREE PHASE	WB WET BULB
CU CONDENSING UNIT	FT2 SQUARE FEET	PL PLACES	WCO WALL CLEANOUT
DET DETAIL	FLA FULL LOAD AMPERES	PRESS PRESSURE	WG WATER GAUGE
DF DRINKING FOUNTAIN	FS FREEZE STAT	PRV PRESSURE REDUCING VALVE	



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