
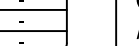







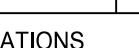

















































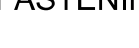









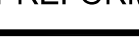

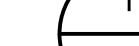




WEST SAANICH UPS REPLACEMENT

SYMBOL SCHEDULE			EQUIPMENT TAGS	
PIPING				
EXISTING	NEW			
		REFRIGERANT SUPPLY		
		REFRIGERANT RETURN		
		CONDENSATE DRAIN		
FITTINGS AND VALVES				
		DIRECTION OF FLOW		
		PIPE DROP		
		PIPE RISE		
		PIPE TEE UP		
		PIPE TEE DOWN		
		PIPE UNION		
		ISOLATION VALVE (NORMALLY OPEN)		
		ISOLATION VALVE (NORMALLY CLOSED)		
		CHECK VALVE		
OUTLETS AND DRAINS				
		OPEN DRAIN		
SYSTEM MONITORING				
EXISTING	NEW			
		ROOM TEMPERATURE SENSOR		
		SUPPLY OR OUTDOOR AIR DUCT UP		
		SUPPLY OR OUTDOOR AIR DUCT DOWN		
		RETURN AIR DUCT UP		
		RETURN AIR DUCT DOWN		
		EXHAUST AIR DUCT UP		
		EXHAUST AIR DUCT DOWN		
		TURNING VANES		
		ACOUSTIC INSULATION		
		BALANCING DAMPER (BD)		
		BACKDRAFT DAMPER (BDD)		
		MOTORIZED DAMPER (MD)		
		FIRE DAMPER - VERTICAL (FD)		
		FIRE DAMPER - HORIZONTAL (FD)		
		DUCT OR PIPE CAP-OFF		
		RETURN OR EXHAUST AIR GRILLE		

MECHANICAL ABBREVIATIONS	
ARCH	ARCHITECTURAL
BHP	BREAK HORSEPOWER
CONN	CONNECTION
C/W	COMPLETE WITH
CTE	CONNECT TO EXISTING
DDC	DIRECT DIGITAL CONTROL
DEG	DEGREE
DN	DOWN
DWG	DRAWING
EAT	ENTERING AIR TEMPERATURE
EFF	EFFICIENCY
FLA	FULL LOAD AMPS
HP	HORSEPOWER
KW	KILOWATT
KG	KILOGRAMS
L/S	LITERS PER SECOND
MAX	MAXIMUM
MD	MOTORIZED DAMPER
MECH	MECHANICAL
MIN	MINIMUM
NC	NOISE CRITERIA
NO	NORMALLY OPEN
NTS	NOT TO SCALE
O/A	OUTDOOR AIR
OED	OPEN ENDED DUCT
POC	POINT OF CONNECTION
RPM	REVOLUTIONS PER MINUTE
SPEC	SPECIFICATION
TBC	TO BE CONFIRMED
TBD	TO BE DETERMINED
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL

MECHANICAL DRAWING LIST		
DRAWING NO.	DESCRIPTION	SCALE
M0.0	COVERSHEET	NOT TO SCALE
M1.0	MECHANICAL PLAN	1:20

MECHANICAL MOTORLIST																						
UNIT NUMBER	UNIT DESCRIPTION	UNIT LOCATION	ELECTRICAL LOAD				VOLT	PH	EQUIPMENT			STARTER				DISCONNECT			CONTROL			NOTES
			MCA	FLA	W	HP			S	I	C	S	I	C	TYPE	S	I	C	S		C	
	FAN																					
EF-01	INLINE EXHAUST	ELECTRICAL ROOM				1/4	120	1	M	M	E	M	M	M	INT	M	M	E	M	M	M	BMS 2
EF-02	INLINE EXHAUST	ELECTRICAL ROOM				1/4	120	1	M	M	E	M	M	M	INT	M	M	E	M	M	M	BMS 2
	MOTORIZED DAMPERS																					
		REFER TO DRAWINGS					24	1	M	M	M								M	M	M	BMS 1
<u>SUPPLIER / INSTALL / WIRE CODES:</u>											<u>CONTROL DEVICE CODES:</u>					<u>GENERAL NOTES:</u>						
MECH = MECHANICAL											BMS = BLDG MANAGEMENT SYSTEM ES = END SWITCH ET = LINE VOLTAGE T*STAT FA = FIRE ALARM FAP = FIRE ALARM PANEL H = HUMIDITY SENSOR INT = INTERLOCK, SEE NOTES LIGHT = WIRED TO LIGHT SWITCH PS = PRESSURE SWITCH R. STAT = REVERSE ACTING THERMOSTAT TC = TIME CLOCK T = LOW VOLTAGE T*STAT OR SENSOR TS = TAMPER SWITCH VS = VARIABLE SPEED SWITCH WS = WALL SWITCH					1) INTERLOCK WITH ASSOCIATED FAN WITH PROVING CIRCUIT 2)FACTORY INSTALLED DISCONNECT						
ELEC = ELECTRICAL																						
G = GENERAL CONTRACTOR																						
S = SUPPLIED BY																						
I = INSTALLED BY																						
C = CONNECTED BY																						
<u>STARTER CODES:</u>											<u>NOTES:</u>											
MAN = MANUAL STARTER																						
HOA = MAGNETIC STARTER W/ HAND/OFF/AUTO SWITCH W/ AUX. CONTACTS																						
MAG = MAGNETIC STARTER C/W AUX STATUS CONTACTS																						
MRR = MOTOR RATED RELAY, 24 VAC COIL & MOTOR PROTECTION SWITCH																						
PCS = PACKAGED CONTROL SYSTEM																						
INT = INTEGRAL STARTER WITH EQUIPMENT																						

