

MECHANICAL EQUIPMENT SCHEDULE																																	
EQUIPMENT				DESCRIPTION	LOCATION	POWER REQUIREMENTS				SUPPLY PANEL				CABLE				STARTER		LOCAL DISC.		CONTROL		NOTES									
TAG	SUPPLIED	INSTALLED	CONNECTED QUANTITY			HP (kW)	FLA	MOCP	VOLTAGE	PHASE	PANEL NAME & CIRCUIT(S)	BREAKER	DISCONNECT SWITCH	TIME DELAY FUSE	POLES	NUMBER OF RUNS	NUMBER OF CONDUCTORS	WIRE SIZE (Cu/Al)	CONDUIT SIZE (mm)	SIZE	TYPE	SUPPLIED	INSTALLED		CONNECTED	TYPED	SUPPLIED	INSTALLED	CONNECTED				
AHU-1	M	M	E	1	AIR HANDLING UNIT	ROOM 1.19	2	6.5		208	3				E-21,23,25	EXISTING TO BE MAINTAINED														1			
CF-1	M	M	E	1	CEILING FAN	ROOM 1.26				120	1					EXISTING TO BE MAINTAINED														1			
CF-2	M	M	E	1	CEILING FAN	ROOM 1.26				120	1					EXISTING TO BE MAINTAINED														1			
CF-3	M	M	E	1	CEILING FAN	ROOM 1.26				120	1					EXISTING TO BE MAINTAINED														1			
CF-4	M	M	E	1	CEILING FAN	ROOM 1.21				120	1					EXISTING TO BE MAINTAINED														1			
CF-5	M	M	E	1	CEILING FAN	ROOM 1.22				120	1					EXISTING TO BE MAINTAINED														1			
CF-6	M	M	E	1	CEILING FAN	ROOM 1.23				120	1					EXISTING TO BE MAINTAINED														1			
CU-1	M	M	E	1	CONDENSING UNIT	EXTERIOR		12	15	600	3				MD	EXISTING TO BE MAINTAINED								NFD	E					1			
EF-1	M	M	E	1	EXHAUST FAN	ROOM 1.05A	0.25			15	120	1			E-2	EXISTING TO BE MAINTAINED								NFD	E	E				1			
EF-2	M	M	E	1	EXHAUST FAN	ROOM 1.11	0.817			15	120	1			E-2	EXISTING TO BE MAINTAINED								NFD	E	E				1			
EF-3	M	M	E	1	EXHAUST FAN	ROOM 1.25	0.333			15	120	1			E-11	EXISTING TO BE MAINTAINED								NFD	E	E				1			
EF-4	M	M	E	1	EXHAUST FAN	ROOM 1.13	0.417			15	120	1			E-2	EXISTING TO BE MAINTAINED								NFD	E	E	DDC	M	M	M	1		
EF-5	M	M	E	1	EXHAUST FAN	ROOM 1.22	0.5			20	120	1			C-25	20		1	3	12	21	0	FVNR	E	E	E							
EF-6	M	M	E	1	EXHAUST FAN	ROOM 1.23	1.5			15	208	3			C-16,18,20	EXISTING TO BE MAINTAINED								NFD	E	E				1			
EF-7	M	M	E	1	EXHAUST FAN	ROOM 1.26	0.75	3.5		15	208	3			C-32,34,36	15	EXISTING TO BE MAINTAINED								NFD	E	E				2		
EF-8	M	M	E	1	EXHAUST FAN	ROOM 1.21	0.5			20	120	1			D-37	20		1	3	12	21	0	FVNR	E	E	E							
EF-10	M	M	E	1	EXHAUST FAN	ROOM 1.26	0.25			15	120	1			E-13	EXISTING TO BE MAINTAINED								NFD	E	E				1			
EF-11	M	M	E	1	EXHAUST FAN	ROOM 1.21	1.5			15	208	3			D-24,26,28	EXISTING TO BE MAINTAINED								NFD	E	E				1			
EF-12	M	M	E	1	EXHAUST FAN	ROOM 1.27	0.1	1.7		15	120	1			B-40	EXISTING TO BE MAINTAINED								NFD	E	E							
B-1	M	M	E	1	BOILER	ROOM 1.19				120	1				E-9	15		1	3	12	21												
B-2	M	M	E	1	BOILER	ROOM 1.19				120	1				E-35	15		1	3	12	21												
PU-1	M	M	E	1	PUMP	ROOM 1.19	1.5			208	3			E-14,16,18	15		3	1	3	12	21	0	FVNR	E	E	E	NFD	E	E	DDC	M	M	M
PU-2	M	M	E	1	PUMP	ROOM 1.19	1.5			208	3			E-20,22,24	15		3	1	3	12	21	0	FVNR	E	E	E	NFD	E	E	DDC	M	M	M
PU-4	M	M	E	1	PUMP	ROOM 1.19	FRAC	1.1		120	1			E-6	15		1	1	3	12	21	0	FVNR	E	E	E	NFD	E	E	DDC	M	M	M
FF-1	M	M	E	1	FORCE FLOW HEATER	ROOM 1.01	0.3			120	1			E-1	EXISTING TO BE MAINTAINED								LVT	M	M	M				1			
FF-2	M	M	E	1	FORCE FLOW HEATER	ROOM 1.16	0.2			120	1			E-1	EXISTING TO BE MAINTAINED								LVT	M	M	M				1			
FF-3	M	M	E	1	FORCE FLOW HEATER	ROOM 1.15	0.2			120	1			E-1	EXISTING TO BE MAINTAINED								LVT	M	M	M				1			
FF-4	M	M	E	1	FORCE FLOW HEATER	ROOM 1.12	0.2			120	1			E-1	EXISTING TO BE MAINTAINED								LVT	M	M	M				1			
FF-5	M	M	E	1	FORCE FLOW HEATER	ROOM 1.24	0.2			120	1			E-1	EXISTING TO BE MAINTAINED								LVT	M	M	M				1			
UH-1	M	M	E	1	UNIT HEATER	ROOM 1.25	0.1			120	1			E-27	EXISTING TO BE MAINTAINED														1				
UH-2	M	M	E	1	UNIT HEATER	ROOM 1.19	0.1			120	1			E-27	EXISTING TO BE MAINTAINED														1				
HWT-1	M	M	E	1	HOT WATER TANK	ROOM 1.19	[5]			208	3			E-38,40,42	20		3	1	4	12	21								ECP	M	M	M	
HWT-2	M	M	E	1	HOT WATER TANK	ROOM 1.19	[5]			208	3			E-37,39,40	20		3	1	4	12	21								ECP	M	M	M	
BU-1	M	M	E	1	RADIANT HEATER	ROOM 1.22				120	1			E-10	EXISTING TO BE MAINTAINED																		
BU-2	M	M	E	1	RADIANT HEATER	ROOM 1.22				120	1			E-10	EXISTING TO BE MAINTAINED																		
BU-3	M	M	E	1	RADIANT HEATER	ROOM 1.23				120	1			E-10	EXISTING TO BE MAINTAINED																		
BU-4	M	M	E	1	RADIANT HEATER	ROOM 1.26				120	1			E-12	EXISTING TO BE MAINTAINED																		
BU-5	M	M	E	1	RADIANT HEATER	ROOM 1.26				120	1			E-12	EXISTING TO BE MAINTAINED																		
BU-6	M	M	E	1	RADIANT HEATER	ROOM 1.26				120	1			E-12	EXISTING TO BE MAINTAINED																		
BU-7	M	M	E	1	RADIANT HEATER	ROOM 1.26				120	1			E-12	EXISTING TO BE MAINTAINED																		
BU-8	M	M	E	1	RADIANT HEATER	ROOM 1.21				120	1			E-10	EXISTING TO BE MAINTAINED																		
BU-9	M	M	E	1	RADIANT HEATER	ROOM 1.21				120	1			E-10	EXISTING TO BE MAINTAINED																		

EQUIPMENT SCHEDULE LEGEND:

E	ELECTRICAL CONTRACTOR	MAN	MANUAL STARTER
M	MECHANICAL CONTRACTOR	DDC	DIRECT DIGITAL CONTROL
LVT	LOW VOLTAGE THERMOSTAT	FD	FUSED DISCONNECT
LT	LINE VOLTAGE THERMOSTAT	NFD	NON-FUSED DISCONNECT
LS	LINE VOLTAGE SWITCH	ECP	EQUIPMENT CONTROL PANEL
IT	INTEGRAL THERMOSTAT	FVNR	FULL VOLTAGE NON-REVERSING

SCHEDULE NOTES:

- DISCONNECT, REMOVE, AND REPLACE EXISTING MECHANICAL EQUIPMENT WITH NEW. MAINTAIN EXISTING CONDUIT, WIRING, BREAKER, STARTERS, DISCONNECTS, AND CONTROL WIRING. EXTEND WIRING AND CONDUIT AS REQUIRED TO RECONNECT TO NEW MECHANICAL EQUIPMENT.
- DISCONNECT, REMOVE, AND REPLACE EXISTING EXHAUST FAN 'EF-7' WITH NEW. MAINTAIN EXISTING CONDUIT, WIRING, BREAKER, STARTER, DISCONNECT, AND CONTROL WIRING. EXTEND WIRING AND CONDUIT AS REQUIRED TO RECONNECT TO NEW MECHANICAL EQUIPMENT. PROVIDE A NEW BREAKER AS NOTED ABOVE AND LABEL EXISTING BREAKER AS 'SPARE'.

GENERAL NOTES:

- REFER TO MECHANICAL DRAWINGS FOR EXACT MOTOR LOCATIONS. CONFIRM ACTUAL EQUIPMENT RATINGS, SIZES AND LOCATIONS PRIOR TO ROUGHING-IN OF WIRING AND CIRCUIT BREAKERS. SIZE OVERLOADS ACCORDINGLY. REPORT ANY DISCREPANCIES OR SUBSTITUTIONS TO CONSULTANT PRIOR TO WIRING INSTALLATION AND CONNECTIONS. (REFER TO ACTUAL EQUIPMENT NAMEPLATES.)
- ALL CONTROL WIRING FOR MECHANICAL ITEMS SHALL BE PROVIDED BY DIVISION 25 CONTROLS CONTRACTOR UNLESS OTHERWISE REFERRED TO MECHANICAL SPECIFICATIONS.
- ALL STARTERS TO BE SUPPLIED AND INSTALLED BY DIVISION 26. UNLESS OTHERWISE NOTED.
- PROVIDE DISCONNECT SWITCHES FOR EQUIPMENT AS REQUIRED BY CODE TO BE SUPPLIED BY DIVISION 26.
- PROVIDE 120V, 15A CIRCUIT FOR EACH DDC PANEL. REFER TO MECHANICAL DRAWINGS FOR QUANTITY AND LOCATION.
- PROVIDE 120V, 15A CIRCUIT FOR 24V CONTROL TRANSFORMER FOR ALL VAV BOXES. REFER TO MECHANICAL DRAWINGS FOR QUANTITY AND LOCATION.



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Client _____ client

DFO CENTRAL AND ARCTIC REGION

CANADIAN COAST GUARD BASE

Project _____ Project

SELKIRK, MANITOBA

HVAC REFURBISHMENT

Designed by **SDC** Conçu par

Drawn by **SDC** Dessiné par

Approved by **CLS** Approuvé par

DFO Project Manager **ALDIN JANSEN** Administrateur de Projets MPO

Drawing title **ELECTRICAL MECHANICAL EQUIPMENT SCHEDULE** Titre du dessin

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