MOTOR/EQUIPMENT SCHEDULE

EQUIPMENT					FEED FROM	PKG	STARTER						CONTROLS				FIRE ALARM	REMARKS	SEE NOTES
ITEM	DESCRIPTION	LOCATION	W/HP/AMPS	VOLTS/Ø		UNIT	TYPE	FUNC	PL	PB	HOA	SUPPLY BY	TYPE	SUPPLY BY	INSTALL BY	WIRE BY	SHUT DOWN		BELOW
TWH-1 - TWH-3	TANKLESS GAS HEATER	AS SHOWN ON DRAWINGS	100W	120/1	PANEL AG	Y							IT	MECH	MECH	ELEC			
TWH-4 - TWH-5	TANKLESS GAS HEATER	AS SHOWN ON DRAWINGS	100W	120/1	PANEL O	Y							IT	MECH	MECH	ELEC			
SP-1	SUMP PUMP	AS SHOWN ON DRAWINGS	1/3HP	120/1	PANEL AG	Y							FS	MECH	MECH	ELEC			
SP-2	SUMP PUMP	AS SHOWN ON DRAWINGS	1/3HP	120/1	PANEL O	Y							FS	MECH	MECH	ELEC			
F-1	FURNACE	AS SHOWN ON DRAWINGS	15A MOCP	120/1	PANEL AG	Y							T	MECH	MECH	ELEC			
CU-1	CONDENSING UNIT	AS SHOWN ON DRAWINGS	25A MOCP	230/1	PANEL AG	Y							T	MECH	MECH	ELEC		INTERCONNECTED TO F-1	
HRV-1	HEAT RECOVERY VENTILATOR	AS SHOWN ON DRAWINGS	100W	120/1	PANEL AG	Y							DH	MECH	MECH	ELEC		INTERCONNECTED TO F-1	
F-2	FURNACE	AS SHOWN ON DRAWINGS	15A MOCP	120/1	PANEL O	Y							T	MECH	MECH	ELEC			
CU-2	CONDENSING UNIT	AS SHOWN ON DRAWINGS	30A MOCP	230/1	PANEL O	Y							T	MECH	MECH	ELEC		INTERCONNECTED TO F-2	
HRV-2	HEAT RECOVERY VENTILATOR	AS SHOWN ON DRAWINGS	100W	120/1	PANEL O	Y							DH	MECH	MECH	ELEC		INTERCONNECTED TO F-2	
EF-1	EXHAUST FAN	AS SHOWN ON DRAWINGS	180W	120/1	PANEL O	Y							DH	MECH	MECH	ELEC		INTERCONNECTED TO LIGHTING CIRCUIT IN THE AREA	
GUH-1	GAS UNIT HEATER	AS SHOWN ON DRAWINGS	4.7A	120/1	PANEL AG	Y							T	MECH	MECH	ELEC			

GENERAL NOTES:

A. MANUAL MOTOR STARTER TO BE C/W PILOT LIGHT AND OVERCURRENT PROTECTION.
B. ALL STARTERS TO BE SUPPLIED & INSTALLED BY THE ELECTRICAL CONTRACTOR (EC) UNLESS OTHERWISE NOTED.
C. DISCONNECT SWITCHES TO BE SUPPLIED & INSTALLED BY THE ELECTRICAL CONTRACTOR (EC)
D. ELECTRICAL CONTRACTOR TO PROVIDE CIRCUIT BREAKERS AND WIRING ACCORDING TO THE FINAL NAMEPLATES OF THE MECHANICAL EQUIPMENT AT NO COST.
E. REFER TO PANELBOARD SCHEDULES AND SINGLE LINE DIAGRAM FOR MOTOR AND EQUIPMENT OVERLOAD PROTECTION.

F = FLOAT SWITCH
FVNR = FULL VOLTAGE NON-REVERSING
HOA = HAND/OFF/AUTO
INT = INTEGRAL
MAG = MAGNETIC STARTER
MAN = MANUAL STARTER
PL = PILOT LIGHT
PS = PRESSURE SWITCH
RVNR =REVERSE VOLTAGE NON-REVERSING
SS = SOFT STARTER
T = THERMOSTAT
Y = YES

AD = AMMONIA DETECTION SYSTEM
CHL = CHLORINE SENSOR
CO = CARBON MONOXIDE SENSOR
CO2 = CARBON DIOXIDE SENSOR
ES = END SWITCH
ESC = ELECTRONIC SPEED CONTROLLER
FS = FLOW SWITCH
H = HUMIDISTAT
LS = LEVEL SWITCH
MS = MANUAL SWITCH
MT = MANUAL TIMER(WALL MOUNTED)
TDS = TIME DELAY SWITCH(WALL MTD)

DDC = DIGITAL DATA CONTROL SYSTEM
I = INTERLOCK
PB = PUSH BUTTON
RP = REMOTE PANEL
TC = TIME CLOCK
VFD = VARIABLE REQUENCY DRIVE
IT = INTERNAL THERMOSTAT
DH = DEHUMIDISTAT

ELECTRIC HEATER SCHEDULE

TYPE	MANUFACTURER	CATALOGUE NO.	KW	VOLTS/Ø	MOUNTING	REMARKS	NOTES
EUH-1 - EUH-8	QUELLET	OAE2000AM-TB6	2KW	240/1Ø	S	C/W BUILT-IN THERMOSTAT	1
EBBH-1 - EBBH-4	QUELLET	OFM0502	0.5KW	120/1Ø	W	C/W BUILT-IN THERMOSTAT	1

NOTES:
1. FINISH/COLOUR AS SELECTED BY OWNER.

W = WALL
S = SUSPENDED
P = PENDANT
DW = DRYWALL
CH = CHAIN

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	CATALOGUE NO.	LAMPS NO.	LAMPS TYPE	VOLTS	MOUNTING	REMARKS	NOTES	WATTS
A	METALUX	4WNLED-LD4-50SL-F-UNV-835-CD1-U		LED	120	S		2	47
B	METALUX	4SNLED-LD1-44-UNV-L835-CD1-U		LED	120	S		2	45
C	HALO	SLD606-8-35		LED	120	R		2	12.5
DL	COOPER	ML5612835 C/W 694WB DIRECTIONAL TRIM		LED	120	R	152MM (6") DIRECTIONAL DOWNLIGHT	2	18
E	LUMARK	PLASTIC KEYLESS C/W METAL CAGE		A19 LED	120	S	PLASTIC KEYLESS LAMP C/W METAL CAGE	2.3	19
F	MAGIC LITE	LV-HS-WW-24T2-2F C/W MLDRE-XX-24-DM DRIVER		LED	120	W	UNDERCABINET LED STIP LIGHTING	2	12W/M
XA	LUMARK	XTOR2B-W		LED	120	W		2	18
XB	ANY	PLASTIC KEYLESS LIGHT FIXTURE C/W WIREGUARD	1	LED	120	W	LIFT LIGHT FIXTURE	2.3	50

NOTES:
1. ALL FIXTURES ARE TO BE 3500°K AND A MINIMUM 82 CRI UNLESS NOTED OTHERWISE.
2. FINISH AS SELECTED BY INTERIOR DESIGNER.
3. ALL SCREW-IN BASE FIXTURES TO BE LAMPED WITH LED TYPE.

S = SURFACE
R = RECESSED
C = CEILING
W = WALL
V = VALANCE
P = PENDANT
TB = T-BAR
DW = DRYWALL
CH = CHAIN

BATTERY BANK SCHEDULE

NO.	MANUFACTURER	CATALOGUE NO.	INPUT VOLTS	OUTPUT VOLTS	SOURCE PANEL	MINIMUM WATTAGE x 1.25
EBB#1	LUMACELL	RG12S-36-2-LD7 (12W AFTER 2HR)	120	12		8WX1.25=10W
EBB#2	LUMACELL	RG12S-144-2-LD7 (48W AFTER 2HR)	120	12		32WX1.25=40W
EBB#3	LUMACELL	RG12S-144-2-LD7 (48W AFTER 2HR)	120	12		32WX1.25=40W
	LUMACELL	LUMACELL LS SERIES, SELF POWERED	120	SEE DWG		

NOTES:
LUMACELL MQM-2-LD7
LUMACELL MQM-2-LD7

Public Works and Government Services Canada / Travaux publics et Services gouvernementaux Canada
REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

MMP ARCHITECTS
300 - 214 McDermot Avenue, Winnipeg Manitoba R3B 0S3
Tel (204) 956-0530 Fax (204) 943-5704 www.mmparchitects.com

TOWER PROJECT NO. : 161364
TOWER ENGINEERING GROUP
UNIT 1-1140 WAVERLEY ST. WINNIPEG, MB R3T 0P4
TEL: (204) 925-1150 FAX: (204) 925-1155
EMAIL: towereng@towereng.co WEB: www.towereng.co
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No. 4156 Expiry: April 30, 2018

PROVINCE OF MANITOBA
Member 31171
REGISTERED PROFESSIONAL ENGINEER
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4		
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Client / client
FISHERIES AND OCEANS CANADA

Project title / Projet
GIMLI, MB
17 HARBOUR LANE

GIMLI SEARCH & RESCUE STATION

Designed by / Conçu par: PC
Drawn by / Dessiné par: VRR
Approved by / Approuvé par: DKG
PWGSC Project Manager / Administrateur de Projets TPSGC

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ELECTRICAL SCHEDULES

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2016-39	E4.0 OF 10	2