

PANEL ID: PNL-F10		AMPS: 225A	VOLTS: 120/208V	PHASE: 3Ø	WIRE: 4	SURF. MOUNT <input checked="" type="checkbox"/>	FLUSH MOUNT <input type="checkbox"/>	TOP FED <input checked="" type="checkbox"/>	BOT. FED <input type="checkbox"/>					
DESCRIPTION: FLOOD STATION 120/208V PANELBOARD				LOCATION: ELECTRICAL ROOM										
MFG / MODEL:				INTERRUPTING RATING: 10 kA										
MAIN BREAKER: 100A				INST. SETTINGS: N/A										
CCT.	DESCRIPTION	NOTE	WIRE (AWG)	BRKR AMPS	LOAD (VA)	A	B	C	LOAD (VA)	BRKR AMPS	WIRE (AWG)	NOTE	DESCRIPTION	CCT.
1	ELECTRICAL ROOM RECEPTACLES		12	15	240				120	15	12	2, 3	AIR COMPRESSOR RECEPTACLE	2
3	ELECTRICAL ROOM RECEPTACLES		12	15	240				640	15	12	1	FLOOD STATION LIGHTS & RECEPTACLES	4
5	ELECTRICAL ROOM LIGHTS & ELB-F1		12	15	255				120	15	12	1	OUTDOOR RECEPTACLE	6
7	OUTDOOR LIGHT	1	12	15	90								SPARE	8
9	SPARE								1000	30	10	1, 4	BASEMENT HEATER	10
11	RTU PANEL	4	12	15	500				1000	2P				12
13	SPARE								1367	15	12	1, 4	DOWNSTAIRS LTG. & SUMP PUMP REC.	14
15	SPARE								50	15	12		SF-F2	16
17	SPARE								15				SPARE	18
19	SPARE								500					20
21	SPARE								500		12		HCE-F1	22
23	SPARE								500	3P				24
25	SPARE								500	15	12		CSO PANEL	26
27	SPARE									15			SPARE	28
29	SPARE									15			SPARE	30
31	SPACE												SPACE	32
33	SPACE												SPACE	34
35	SPACE												SPACE	36
37	SPACE												SPACE	38
39	SPACE												SPACE	40
41	SPACE												SPACE	42
TOTAL CONNECTED LOAD:			7.6 kVA		PHASE A: 2.8 kVA	23.5 A				NOTE LEGEND: AFCI ARC FAULT CIRCUIT INTERRUPTOR GFCI GROUND FAULT CIRCUIT INTERRUPTOR LKON LOCKED ON BREAKER LKOR RED LOCKED ON BREAKER				
					PHASE B: 2.4 kVA	20.3 A								
					PHASE C: 2.4 kVA	19.8 A								
NOTES: 1. WIRE VIA JB-F10. WIRE INDIVIDUAL NEUTRALS FOR EACH CIRCUIT. 2. UTILIZE HAZARDOUS SEAL AT BOUNDARY OF THE ELECTRICAL ROOM. 3. REWIRE CIRCUIT COMPLETELY INCLUDING NEW CONDUIT. 4. LOAD (VA) IS ASSUMED.														

OLD CIRCUIT NUMBER	NEW CIRCUIT NUMBER	NOTES
1	-	
2	2	NEW CONDUIT & WIRING
3	4	
4	-	EXISTING TO BE DEMOLISHED
5	-	NEW CONDUIT & WIRING FOR ELECTRICAL ROOM FROM NEW CIRCUITS
6	11	NEW CONDUIT & WIRING
7	14	
8	7	NEW CONDUIT & WIRING
9	6	
10	-	
11	-	
12	-	
13	-	
14	-	
15	-	
16	-	
17	-	
18	10	
19	-	
20	12	

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	MODEL	LAMPS		VOLTS	LOAD (VA)	MOUNTING	NOTE
			QTY	TYPE				
A	BEGHELLI	HZ100T84HT232W120Z	2	T8, 32W	120	75	CS	
B	EXISTING		1	INCANDESCENT	120	100	CS	①
C	CANLYTE KEENE	313070LXL335T	1	HPS, 70W	120	90	W	②

MOUNTING LEGEND:  
 CH CHAIN  
 CS CEILING SURFACE  
 P PENDANT  
 R RECESSED  
 W WALL  
 TRC THREADED ROD AND CHANNEL  
 AN AS NOTED ON DRAWINGS

NOTES:  
 ① 5 INCANDESCENT BULBS IN FLOOD STATION.  
 ② COMES WITH INTEGRATED PHOTOCELL.

EMERGENCY LIGHTING BATTERY SCHEDULE

ID	MANUFACTURER	MODEL	INPUT		OUTPUT VOLTS	INTERNAL LAMPS		REMOTE FIXTURES		TOTAL LOAD (W)	DESIGN TIME	NOTE
			VOLTS	VA		QTY	TYPE	QTY	TOTAL REMOTE LOAD (W)			
ELB-F1	LUMACELL OR READY-LITE	RG12NX1082M12W OR LDX12-108NM2RM12	120	30	12	2	MR16, 12W	0	0	24	120 MINS	

NOTES:



 SNC-Lavalin Inc. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080		ENGINEER'S SEAL  ORIGINAL DRAWING SEALED BY: C. J. REIMER SNC-Lavalin Inc. MEMBER #21968 2011/11/15 REV. 00	 THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT  MAGER DRIVE FLOOD PUMPING STATION  ELECTRICAL SCHEDULES
DESIGNED BY: V. ELIMBAN CHECKED BY: C. REIMER DRAWN BY: S. FUNK APPROVED BY: C. REIMER SCALE: NTS RELEASED FOR CONSTRUCTION BY: V. JEANCART DATE: 2011/05/18 DATE: 2011/11/15	CONSULTANT NO.: 505581-0000-47DD-0107	CITY DRAWING NUMBER 1-0157F-E0005	SHEET 001 REV. 00 SIZE A1