

PANEL ID: PNL-A73		AMPS: 100A	VOLTS: 120/208V	PHASE: 3Ø	WIRE: 4W	SURF. MOUNT FLUSH MOUNT <input checked="" type="checkbox"/>	TOP FED <input checked="" type="checkbox"/>							
DESCRIPTION: 120/208V DISTRIBUTION PANELBOARD				LOCATION: ELECTRICAL ROOM										
MFG / MODEL: SQUARE D				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 LIGHTS AND ELB-A74		12	15	255				600	15	12		ELECTRICAL ROOM AND BUILDING REAR RECEPTACLES	2
3	FLOOD MOTOR ROOM AND COMMUNOTOR CHAMBER LIGHTS AND ELB-A75		12	15	670				1080	15	12		FLOOD MOTOR ROOM AND COMMUNOTOR CHAMBER RECEPTACLES	4
5	FLOOD PUMP ROOM (DRY WELL) LIGHTS AND ELB-A76		12	15	630				720	15	12	GFCI	FLOOD PUMP ROOM (DRY WELL) RECEPTACLES	6
7	SANITARY (LIFT STATION) LIGHTS AND ELB-A77		12	15	330				360	15	12	GFCI	SANITARY (LIFT STATION) RECEPTACLES	8
9	OUTDOOR LIGHTS		12	15	136				1200	15	10		SANITARY (LIFT STATION) SUMP PUMP	10
11	VENTILATION PANEL JBA-A84		12	15	100				1200	15	10		COMMUNOTOR CHAMBER SUMP PUMP	12
13	ELECTRICAL ROOM SUPPLY FAN SF-A65		12	15	370				150	15	12		CONTROL PANEL CP-A81	14
15	COMMUNOTOR ROOM LIGHTS		12	15	190				172	15	12		FLOOD WETWELL LIGHTS	16
17	SANITARY (LIFT) PUMPS DISCHARGE FLOW METER, FIT-L101		12	15	30									18
19	CSO PANEL JBA-S82		12	15	100									20
21														22
23														24
25														26
27														28
29														30
31														32
33														34
35														36
37														38
39														40
41														42
TOTAL CONNECTED LOAD:		PHASE A:	000.0 KVA		000.0 KVA	000.0 A	NOTE LEGEND:							
		PHASE B:	000.0 A (AVG)		000.0 KVA	000.0 A	AFCI ARC FAULT CIRCUIT INTERRUPTOR							
		PHASE C:	000.0 A (MAX)		000.0 KVA	000.0 A	GFCI GROUND FAULT CIRCUIT INTERRUPTOR							
							LOCK LOCKED BREAKER							
NOTES:														

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	MODEL	LAMPS		VOLTS	LOAD VA	MOUNTING	NOTE
			QTY	TYPE				
A	BEGHELLI	HZ100T84HT232W120V	2	T8 32W	120	75	AN	
B	BEGHELLI	HZ100T82HT217W120V	2	T8 17W	120	40	W	
C	PHILIPS-KEENE	553LED32704K120PCBP C/W P105A AND 535	1	LED	120	68	W	1
D	EATON CROUSE-HINDS	EVLEDBX2W701	1	LED, 36W	120	43	W	
EA	READY-LITE	NM2-LD7	2	LED, 4W	12	8	W	2

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

NOTES:
1. COMES WITH INTEGRATED PHOTOCELL AND LEXAN SHIELD
2. USE 10 AWG, RW90 IN 21mm CONDUIT.

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-A74	READY-LITE	LXD12-108NM2LD7	120	30	12	2	LED, 4W	1	8	16	>4.0 HRS	1
ELB-A75	READY-LITE	LXD12-108NM2LD7	120	30	12	2	LED, 4W	3	24	32	>2.0 HRS	1
ELB-A76	READY-LITE	LXD12-108NM2LD7	120	30	12	2	LED, 4W	4	32	40	>1.5 HRS	1
ELB-A77	READY-LITE	LXD12-108NM2LD7	120	30	12	2	LED, 4W	3	24	32	>2.0 HRS	1

NOTES:
1. BATTERY RATED FOR 30 MIN. @ 108W.



		SNC-LAVALIN INC. 148 Nature Park Way Winnipeg, MB, Canada R3P 0X7 204-786-8080		ENGINEER'S SEAL	THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT COCKBURN FLOOD AND WASTEWATER PUMPING STATION 2016 UPGRADES ELECTRICAL SCHEDULES
DESIGNED BY: B. CLEVEN	CHECKED BY: D. BECKER	DRAWN BY: Y. KONIG	APPROVED BY: I. PARKINSON	ORIGINAL DRAWING SEALED BY: B. CLEVEN SNC-LAVALIN MEMBER #31479 2016/05/06 REV. 00	
SCALE: NTS	ISSUED FOR CONSTRUCTION BY: K. ZUREK	DATE: 2016/02/03	DATE: 2016/05/06	CITY DRAWING NUMBER 1-0127A-E0009	SHEET 001
NO. REVISIONS	DATE	DESIGN	CHECK	REV. 00	SIZE A1