

PANEL ID: PNL-L73		AMPS: 100A	VOLTS: 120/208V	PHASE: 3 P	WIRE: 4	SURF. MOUNT <input checked="" type="checkbox"/>	TOP FED <input checked="" type="checkbox"/>							
DESCRIPTION: 120/208V DISTRIBUTION PANELBOARD				LOCATION: MAIN FLOOR										
MFG / MODEL: SQUARE D				INTERRUPTING RATING: 10 KA										
MAIN BREAKER: 50A				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	MAIN FLOOR RECEPTACLES		12	15	240				240	15	12		MAIN FLOOR RECEPTACLES	2
3	COMM. MOTOR ROOM RECEPTACLES		12	15	240				360	15	12		MOTOR ROOM RECEPTACLES	4
5	PUMP ROOM RECEPTACLES		12	15	240				240	15	12		PUMP ROOM RECEPTACLES	6
7	MAIN FLOOR LIGHTING AND ELB-L74		12	15	225				410	15	12		SUPPLY FAN SF-L63	8
9	OUTDOOR LIGHTING		12	15	140				800	15	12		LOWER LEVELS LIGHTING AND ELB-L75	10
11	RTU PANEL		12	15	150				1400	15	12		COMM. CHAMBER SUMP PUMP RECEPTACLE	12
13	HVAC CONTROL		12	15	30				1400	15	12		PUMP ROOM SUMP PUMP RECEPTACLE	14
15	FLOW METER FIT-L010		12	15	30				30	15	12		FLOW METER FIT-L020	16
17	FLOW METER FIT-L030		12	15	30					15			SPARE	18
19	SPARE			15						15			SPARE	20
21	SPARE			15					150	15	12		CSO TERMINATION PANEL	22
23	SPARE			15									SPACE	24
25	SPACE												SPACE	26
27	SPACE												SPACE	28
29	SPACE												SPACE	30
TOTAL CONNECTED LOAD: 13.8 KVA			PHASE A: 5.0 kVA		41.8 A		NOTE LEGEND:							
			PHASE B: 5.2 kVA		43.4 A		AFCI ARC FAULT CIRCUIT INTERRUPTOR							
			PHASE C: 3.6 kVA		29.8 A		GFCI GROUND FAULT CIRCUIT INTERRUPTOR							
							LKON LOCKED ON BREAKER							
							LKOR RED LOCKED ON BREAKER							
NOTES: 1. LOAD (VA) IS ASSUMED. 2. PROVIDE AND INSTALL CIRCUIT BREAKER INTO EXISTING SPACE. 3. GROUP CCTS 10 AND 12 IN A DEDICATED CONDUIT. 4. GROUP CIRCUITS 23, 27, 29 IN A DEDICATED CONDUIT. 5. GROUP CIRCUITS 32, 34, 36 IN A DEDICATED CONDUIT.														

TYPE	MANUFACTURER	MODEL	LAMPS		VOLTS	LOAD VA	MOUNTING	NOTE
			QTY	TYPE				
A	BEGHELLI	HZ100T84HT232W120V	2	T8 32W	120	75	CS OR AN	
B	CANLYTE KEENE	313070LXL335T	1	HPS 70W	120	90	W	1
EA	READY-LITE	NMM2-LD7	2	LED, 4W	12	8	W	2

MOUNTING LEGEND:

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

NOTES:

- COMES WITH INTEGRATED PHOTOCELL
- USE 10 AWG, RW90 IN 16mm CONDUIT.

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-L74	READY-LITE	LDX12-108NM2LD7	120	30	12	2	LED, 4W	1	8	16	>4.0 HRS	1
ELB-L75	READY-LITE	LDX12-108NM2LD7	120	30	12	2	LED, 4W	6	48	56	>1.0 HRS	1

NOTES:

- BATTERY RATED FOR 30 MIN. @ 108W.

NOTES:
1. DO NOT INSTALL MORE THAN 24 CONDUCTORS IN ANY CONDUIT.



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
DESIGNED BY: B. CLEVEN DRAWN BY: C. BURZYNSKI SCALE: NTS DATE: 2015/06/10	CHECKED BY: APPROVED BY: ISSUED FOR CONSTRUCTION BY: DATE:	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION	
00 ISSUED FOR TENDER 01 REVISIONS	2015/09/17 BJC -	CONSULTANT NO.:	CITY DRAWING NUMBER 1-0169L-E0010 SHEET 001 REV. 00 SIZE A1