

PANEL ID: PNL-U73E		AMPS: 100	VOLTS: 120/240V	PHASE: 1Ø	WIRE: 3	SURF. MOUNT <input checked="" type="checkbox"/>	TOP FED <input checked="" type="checkbox"/>						
DESCRIPTION: 120/240V DISTRIBUTION PANEL				LOCATION: MAIN FLOOR									
MFG / MODEL: SQUARE D				INTERRUPTING RATING: 10 KA									
MAIN BREAKER: 70A				INST. SETTINGS: N/A									
CCT.	LOAD DESCRIPTION	NOTE	WIRE (AWG)	BRKR AMPS	LOAD (VA)	L1	L2	LOAD (VA)	BRKR AMPS	WIRE (AWG)	NOTE	LOAD DESCRIPTION	CCT.
1	LIGHTING, AND ELB-U74		12	15	545			360	15	12		MAIN FLOOR RECEPTACLES	2
3	CONTROL PANEL CP-U81		12	15	600			240	15	12		MAIN FLOOR RECEPTACLES	4
5	VENTILATION PANEL JBA-U86		12	15	200			1200	15	12		MAIN FLOOR SUPPLY FAN SF-U61	6
7	SPARE			15				?	?	?	2	GENERATOR SUB-PANEL	8
9	SPARE			15				?	?	?	2	GENERATOR SUB-PANEL	10
11	SPARE			15								SPARE	12
13	SPARE			15								SPARE	14
15	SPARE			15								SPARE	16
17	SPACE											SPACE	18
19	SPACE											SPACE	20
21	SPACE											SPACE	22
23	SPACE											SPACE	24
TOTAL CONNECTED LOAD: 4.1 KVA				LINE 1: 2.8 KVA		23.4 A		NOTE LEGEND:					
				LINE 2: 1.3 KVA		11.2 A		AFCI ARC FAULT CIRCUIT INTERRUPTOR GFCI GROUND FAULT CCT INTERRUPTOR LOCK LOCKED BREAKER					
NOTES: 1. MAIN BREAKER MOUNTED AT TOP. REVERSE FED BRANCH-MOUNTED MAIN NOT ACCEPTABLE. 2. CONTRACTOR TO PROVIDE APPROPRIATE 2P CIRCUIT BREAKER AND CABLE TO FEED SUB-PANEL.													

TYPE	MANUFACTURER	MODEL	LAMPS		VOLTS	LOAD VA	MOUNTING	NOTE
			QTY	TYPE				
A	BEGHELLI	HZ100T84HT232W120V	2	T8 32W	120	75	AN	
B	EATON CROUSE-HINDS	EVLEDBX2C701	1	LED, 36W	120	43	AN	
EA	READY-LITE	NMM2-LD7	2	LED, 4W	12	8	W	1
EB	THOMAS & BETTS	MQM2HZ12V4WSG	2	LED, 4W	12	8	W	1

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

NOTES:
1. 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-U74	READY-LITE	LDX12-108NM2LD7	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 PRELIMINARY NOT TO BE USED FOR CONSTRUCTION		THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT METRO ROUTE 20 UNDERPASS PUMPING STATION 2018 UPGRADES ELECTRICAL SCHEDULES							
DESIGNED BY: B. CLEVEN		CHECKED BY: P. PANUFNIK		DRAWN BY: Y. KONIG		APPROVED BY: B. CLEVEN		SCALE: NTS		ISSUED FOR CONSTRUCTION BY: DATE:		CITY DRAWING NUMBER 1-0309U-E0012		SHEET 001	REV. 00	SIZE A1	
DATE: 2017/08/23		CONSULTANT NO.:		DATE 2018/05/09		DESIGN BC		CHECK PP		REVISIONS		NO.					