

PARTIAL SINGLE LINE DIAGRAM
SCALE: N.T.S.

PANEL 'K' SCHEDULE											
CCT NO	DESCRIPTION	LOAD	TRIP AMPS	N AB	TRIP AMPS	LOAD	DESCRIPTION	CCT NO			
01	UNLEADED GASOLINE PUMP No.1	560	15		15	500	DEDICATED SITE CONTROLLER	02			
03	SPACE				15	500	TABLE TOP RECEPTACLE	04			
05	UNLEADED GASOLINE PUMP No.2	560	15		15		VEEDER ROOT CONTROL PANEL	06			
07	SPACE				15	350	KIOSK LIGHTS	08			
09	CLEAR DIESEL PUMP No.3	560	15		15	900	FUELING STATION LIGHTS	10			
11	SPACE				15	900	FUELING STATION LIGHTS	12			
13	MARKED DIESEL PUMP No.4	560	15		15	1500	GENERATOR BLOCK HEATER	14			
15	SPACE				15	500	RECEPTACLE	16			
17	SPACE				15	1500	GENERATOR BATTERY CHARGER	18			
19	SPACE				15	100	GENERATOR VENTILATION CONTROLS	20			
21	PUMP CONTROL UNIT No.1 & HEAD PWR.	15			15	186	EXHAUST FAN F-2	22			
23	PUMP CONTROL UNIT No.2 & HEAD PWR.	15			20		EXHAUST FAN F-1	24			
25	PUMP CONTACTOR	15			20	1667		26			
27	SPARE	15			3P	1667	5 KW UNIT HEATER	28			
29	SPARE	15				1667		30			
31	SPARE	15			30			32			
33	SPACE				3P		TVSS	34			
35	SPACE							36			
37	SPACE							38			
39	SPACE							40			
41	SPACE							42			

VOLTAGE: 120/208V PHASE: 3 WIRE: 4 BREAKER I.C.: 10 kA
 MAIN BREAKER: 100A MAINS: 100A FEEDER: 4/C #2 AWG TECK
 MOUNTING: SURFACE LOCATION: ELECTRICAL KIOSK
 FED FROM: AUTOMATIC TRANSFER SWITCH TS208

D

NOTE 1 & NOTE 3
NOTE 1 & NOTE 3

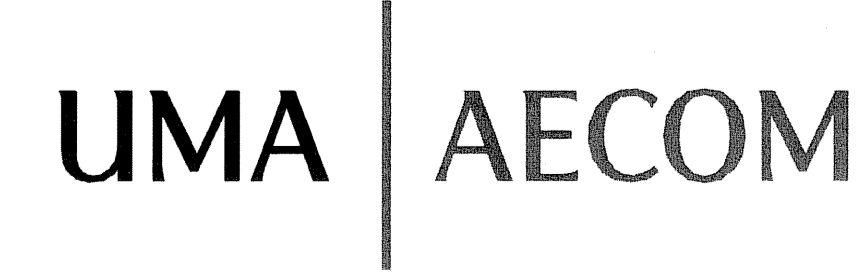
NOTES

- D** 1. THE PUMP CIRCUITS SHALL BE RUN THROUGH A 8 POLE 30A CONTACTOR THAT SHALL DE-ENERGIZE THE CIRCUITS TO THE PUMPS WHEN THE REMOTE EMERGENCY SHUT-DOWN PUSHBUTTON IS OPERATED.
- 2. PANEL SHALL COME COMPLETE WITH INTEGRAL 160KA TVSS MODULE c/w OVERCURRENT PROTECTION
- D** 3. HEAD POWER FOR DISPENSERS TO BE ROUTED FROM PUMP CONTROL UNIT.

LUMINAIRE SCHEDULE					
TYPE	MANUFACTURER	CAT. No.	LAMP	VOLTAGE	REMARKS
A	LITHONIA	KVF 400M SR3FL	1 - 400W MH	120V	ARM MOUNTED VERTICAL CUT OFF AREA LIGHTING C/W PHOTOCELL
B	LITHONIA	TWA 70M 120 PE TWA WG	1 - 70W MH	120V	POLYCARBONATE LENS, MINI-WALL PACK C/W PHOTOCELL & WIRE GUARD
C	LITHONIA	C 2 32 120 GEB10S WGCSMR	2-32W T8	120V	STRIP FLUORESCENT C/W WIRE GUARD

PROFESSIONAL SEALS

I/R	YY/MM/DD	ISSUE/REVISION DESCRIPTION	DRN	CHK	DES	ENG	IDR	APP
D	08/05/23	Issued For Addendum No.3						
C	08/04/21	Issued For Bid	SCK	ALS	LK	BM	BF	-
B	08/04/07	Issued For Review	SCK	CC	LK	BM	BNF	-
A	08/03/07	Issued For Review	SCK	CC	LK	BM	BNF	-



City of Winnipeg
 Construction of a New Fueling Facility
 District 6 Public Works Yard, 1539 Waverley St.
 Electrical - Partial Single Line Diagram and
 Panel Schedule

PROJECT NUMBER	DRAWING NUMBER	ISSUE/REVISION
0265-405-00	01-E-0003	D

DO NOT SCALE THIS DOCUMENT.
 ALL MEASUREMENTS MUST BE OBTAINED FROM STATED DIMENSIONS.

© 2008 UMA ENGINEERING LTD. ALL RIGHTS RESERVED.
 THIS DOCUMENT IS PROTECTED BY COPYRIGHT LAW AND MAY NOT BE REPRODUCED
 IN ANY MANNER, OR FOR ANY PURPOSE EXCEPT BY THE WRITTEN PERMISSION OF
 UMA ENGINEERING LTD.