



ESSENTIAL MCC 'E' FRONT ELEVATION

SCALE: N.T.S.

NOTES

1. DISCONNECT AND REMOVE CABLING FOR SUPPLY FAN. RELABEL STARTER AS SPARE.
2. DISCONNECT AND REMOVE EXISTING AUTOMATIC TRANSFER SWITCH. INSTALL NEW BLANK DOOR.
3. DISCONNECT AND REMOVE EXISTING CABLING TO ESSENTIAL LIGHTING PANEL / TRANSFORMER. LABEL BREAKER AS SPARE.
4. CONFIRM CLEARANCES UNDER CONCRETE BEAM FOR NEW MCC SECTIONS AND TRANSITION SECTION. NEW HOUSEKEEPING PAD HEIGHT TO ACCOMMODATE NEW MCC SECTIONS.

PANEL A											
CCT NO	DESCRIPTION	LOAD	TRIP AMPS	N	TRIP AMPS	LOAD	DESCRIPTION	CCT NO			
* 01	LIGHTS EL 41		15		15		LIGHTS EL 68	02			
* 03	BAILEY		15		15		FIELD DEVICE PANEL	04			
* 05	BAILEY CRT		15		15		FIELD DEVICE PANEL	06			
* 07	LFL GAS ANALYZER		15		15		LIGHTS EL 68	08			
* 09	RECEPTACLES CONTROL ROOM		15		15		LIGHTS EL 68	10			
* 11	GAS DETECTOR CONTROL ROOM		15		15		LIGHTS EL 68	12			
* 13	LIGHTS AND RECEPTACLES EL 68		15		15		M800 CARD READER	14			
* 15	220V CONTROL ROOM		20		15		EXTERIOR LIGHTS	16			
* 17	RECEPTACLE				20		220V RECEPTACLE	18			
* 19	BATTERY CHARGER		15				H202 ROOM	20			
* 21	SPARE		15		20		CAT ENGINE BATTERY CHARGER	22			
* 23	TELEPHONE BOARD		15		15		M800 FT/FG/FE	24			
* 25	CAMERA		15		15		SPARE	26			
* 27	SPARE		15		15		RECEPTACLE / SUMP PANEL EL 41	28			
* 29	CATHODIC PROTECTION		15		15		PRE-LUBE PUMP (CAT ENGINE)	30			
* 31	RECEPTACLES LEVEL 200 DRYWELL		15		15		LIGHTING EAST STAIRWELL	32			
* 33	RECEPTACLE LEVEL 300 WETWELL		15		15		LIGHTING EXTERIOR	34			
* 35	RECEPTACLES GENERATOR ROOM		15		15		LIGHTING SOUTH STAIRWELL	36			
* 37	BATTERY BANK BB-1		15		15		VAV 615, 616, 617	38			
* 39	BATTERY BANK BB-2		15		15		M609-AHU	40			
* 41	BATTERY BANK BB-3		15		15		SPARE	42			
* 43	BATTERY BANK BB-4		15		15		SPARE	44			
* 45	FIRE ALARM PANEL		15				SPACE	46			
* 47	GENERATOR		20				SPACE	48			
* 49	BLOCK HEATER		2P				SPACE	50			
* 51	EXIT SIGNS		15				SPACE	52			
* 53	RECEPTACLES LEVEL 100 DRYWELL		15				SPACE	54			
* 55	GENERATOR ROOM BATTERY CHARGER		15				SPACE	56			
* 57	SPACE						SPACE	58			
* 59	SPACE						SPACE	60			

NOTE 1

VOLTAGE: 120/208 PHASE: 3Ø WIRE: 4 BREAKER I.C.: 10KA
 MAIN BREAKER: 200 AMP MAINS: 225 AMP FEEDER: 4/C #3 TECK
 MOUNTING: SURFACE LOCATION: LEVEL 400
 FED FROM: MCC 'E' VIA TR-1

NOTES: * TRANSFER AND EXTEND EXISTING LOADS FROM PANEL A CCT #1 THROUGH #30 TO NEW PANEL A
 1. SUPPLY LOCK DOG FOR FIRE ALARM CONTROL PANEL BREAKER.



QL	RS	LK	BM	SS
DRN	CHK	DES	ENG	IDR
UMA REVIEW				

B.M. ELEV.	FIELD BOOK #:	UMA AECOM	
POSTED TO LBS		DESIGNED BY: BLM	CHECKED BY: -----
		DRAWN BY: QL	APPROVED BY: --
E ISSUED FOR ADDENDUM 3	08/01/23	QL	
D ISSUED FOR BID	07/12/14	LJV	
C ISSUED FOR 100% REVIEW	07/11/09	SCK	
B ISSUED FOR ZONING	07/08/21	SCK	
A ISSUED FOR 80% REVIEW	07/06/18	SCK	
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ENGINEER'S SEAL
 ISSUE / REVISION D
 ISSUED FOR BID
 WAS SEALED BY
 B.L. MOORE
 AND DATED
 07/12/14

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

PERIMETER ROAD PUMPING STATION UPGRADES
 Contract B - Building Upgrades

Electrical
PANEL SCHEDULE AND MCC ELEVATION

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0111L-E0003	001	E	D