



MCW / AGE
Consulting Professional Engineers
210-1821 Wellington Avenue
Winnipeg, Manitoba, R3W 0G4
Phone: (204) 779-7900 Fax: (204) 779-1119
E-Mail: mcw_age@mcw.com

10605



APEGM
Certificate of Authorization
MCW/AGE Consulting Professional Engineers
No. 589 Expiry: April 30, 2017

DO NOT SCALE DRAWINGS

Revision/ Révision	Description/ Description	Date/ Date
0	ISSUED FOR CONSTRUCTION	2016/11/02

Client/client

PUBLIC WORKS AND GOVERNMENT SERVICES AGENCY

Project title/Titre du projet
EMERSON, MANITOBA HIGHWAY 75, UNITED STATES BORDER
EXPANSION AND REDEVELOPMENT OF THE EMERSON PORT OF ENTRY

Approved by/ Approuvé par
KEI

Designed by/ Concept par
GD

Drawn by/ Dessiné par
GA

PWSSC Project Manager/ Administrateur de Projets TPSSC
JAMES HUTCHINGS

PWSSC, Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSSC

Client/client

Drawing title/Titre du dessin
ELECTRICAL SCHEDULES

Project No./No. du projet R.068431.001	Sheet/Feuille E5.0 of 26	Revision no./La Révision no. 0
--------------------------------------------------	---------------------------------------	------------------------------------------

LUMINAIRE SCHEDULE					
TYPE	STANDARD OF ACCEPTANCE		VOLTAGE	LAMPS	REMARKS
'1'	METALUX	4SNLED-LD4-18SL-RM-UNV-L835-CD1-U	120V	LED	INDUSTRIAL STRIP.
	LITHONIA	ZL1D-L48-2500LM-FST-MVOLT-35K-80CRI-WH			
	OR APPROVED EQUAL				
'2'	LUMARK	XTOR5A	120V	LED	WALL PACK.
	LITHONIA	OLWX1LED-40W-40K			
	OR APPROVED EQUAL				
'3'	MCGRAW-EDISON	LRC-B64-4-LED-347-WST-WH-8030	347V	LED	RECESSED CANOPY LIGHT.
	.				
	OR APPROVED EQUAL				
'4'	METALUX	4SNLED-LD4-26SL-LN-UNV-L835-CD1-U	120V	LED	SURFACE WRAP.
	LITHONIA	ZL1D-L48-3500LM-FST-MVOLT-35K-80CRI-WH			
	OR APPROVED EQUAL				
'5'	EPHESUS	SD-1000-3-56-S-NC	347V	LED	STADIUM LIGHT MTD ON PARAPET.
	.				
	OR APPROVED EQUAL				
'6'	EPHESUS	SD-1000-3-56-S-NC	347V	LED	STADIUM LIGHT MTD ON 50' POLE.
	.				
	OR APPROVED EQUAL				
'7'	ECOSENSE	WSH-M--35-120-IC-WH-11/WSH-M-FV-WH/ VISOR	347V	LED	PIL BOOTH WALL MOUNT C/W FULL VISOR & ADJUSTABLE DISTRIBUTION 30"x30" / 40"x40" / 30"x60" DISTRIBUTIONS.
	.				
	OR APPROVED EQUAL				
'8'	NEO-RAY	S122-DRP-LO-40-FTG-0047-1-1-DD-4-W	120V	LED	RECESSED 3" WIDE LINEAR STRIP C/W 0-10V DIMMING.
	LITHONIA				
	OR APPROVED EQUAL				
'9'	FC LIGHTING	FCD7002-120V-LED-SYM-WFL	120V	LED	LINEAR WALL MOUNT SIDE LIGHT.
	.				
	OR APPROVED EQUAL				

HEATER SCHEDULE					
TYPE	STANDARD OF ACCEPTANCE		VOLTAGE	WATTS	REMARKS
'FFH1'	OUELLET	OAC 02008/OAC-B11 OAC-RT	208V/1Ø	2000W	SURFACE MOUNT C/W BUILT-IN THERMOSTAT & RELAY FOR REMOTE ON/OFF SWITCH.
	OR APPROVED EQUAL				
'FFH2'	OUELLET	OAC 04008	208V/1Ø	4000W	RECESSED C/W BUILT-IN THERMOSTAT.
	OR APPROVED EQUAL				
'FFH3'	OUELLET	OAC 04808/OAC-BS1	208V/1Ø	4800W	SURFACE MOUNT C/W BUILT-IN THERMOSTAT.
	OR APPROVED EQUAL				
'BBH1'	OUELLET	OPR 2508	208V/1Ø	2500W	SURFACE MOUNT C/W WALL MOUNT THERMOSTAT.
	OR APPROVED EQUAL				

EMERGENCY & EXIT LIGHT SCHEDULE					
TYPE	STANDARD OF ACCEPTANCE		VOLTAGE	LAMPS	REMARKS
P5	BEGHELLI	NV-6-36-180-2BTMR-TLP-MS-V	120V	5W LED	EMERGENCY BATTERY UNIT C/W DOUBLE HEAD 120V 15A TWISTLOCK PLUG & CORD.
	AIMLITE	EBST-06180-2MD-5WLA-WHT/TLP120MTSVLT			
	EMERGI-LITE	06ESL-180-V-LW/2-LA			
P6	BEGHELLI	NV-6-36-2BTMR-TLP-MS-V	120V	5W LED	EMERGENCY BATTERY UNIT C/W DOUBLE HEAD 120V 15A TWISTLOCK PLUG & CORD.
	AIMLITE	EBST-0636-2MD-5WLA-WHT/TLP120MTSVLT			
	EMERGI-LITE	06ESL-36-V-LW/2-LA			
P7	BEGHELLI	NV-6-36-2BTMR-TLP-MS-V	120V	5W LED	EMERGENCY BATTERY UNIT C/W DOUBLE HEAD 120V 15A TWISTLOCK PLUG & CORD.
	AIMLITE	EBST-0636-2MD-5WLA-WHT/TLP120MTSVLT			
	EMERGI-LITE	06ESL-36-V-LW/2-LA			
P5 REMOTE	BEGHELLI	SR-2-LED-MR16	LV	5W LED	DOUBLE HEAD WALL MOUNT.
	AIMLITE	RMMD-2-0624-5WLA-WHT			
	EMERGI-LITE	EF9-D-M-LA			
E1/E2	BEGHELLI	SL-B6L-ES-L-R-1-W-UDC	120V	2W LED	SINGLE FACE COMBINATION WALL OR CEILING MOUNT.
	AIMLITE	EXSTB6L-1-W-ES-WHT-UNVD			
	EMERGI-LITE	C8-ES-12-W-U			