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DRAWING LIST	
DRAWING	DESCRIPTION
E1	ELECTRICAL DRAWING LIST, LEGENDS AND LIGHTING FIXTURE SCHEDULE
E2	ELECTRICAL POWER DISTRIBUTION SINGLE LINE DIAGRAM
E3	ELECTRICAL LIGHTING AND FIRE ALARM DETAILING LAYOUT
E4	ELECTRICAL POWER AND SYSTEM DETAILING LAYOUT
E5	ELECTRICAL LIGHTING AND FIRE ALARM NEW LAYOUT
E6	ELECTRICAL POWER AND SYSTEM NEW LAYOUT
E7	ELECTRICAL DATA, CONDUITS AND CONDUIT/BOXES LAYOUT
E8	ELECTRICAL SECURITY LAYOUT
E9	ELECTRICAL TELECOM ROOM AND ELECTRICAL ROOMS LAYOUTS
E10	ELECTRICAL PANEL SCHEDULES
E11	ELECTRICAL MODULAR EQUIPMENT DETAILS
E12	ELECTRICAL MODULAR EQUIPMENT DETAILS
E13	ELECTRICAL DETAILS
E14	ELECTRICAL BOARDROOM AND OFFICE WIRING DIAGRAM FOR CONTROL DRAWING

#### ABBREVIATION LEGEND

ABBREVIATION	DESCRIPTION
C	CEILING MOUNTED
W.S.	WIRE SHARD
GR1	GROUND FAULT INTERRUPTING, 5 mA
R8	RELAY BASE
WP	WATERPROOF
AF	ADJUST RANGED FLOOR
FR	FRICTION
WM	WORKING
OC	OVER COUPLER
DD	DEPOSITED

#### LINE TYPE LEGEND

LINE TYPE	DESCRIPTION
————	EXISTING TO BE REMAIN
-----	EXISTING TO BE REMOVED
————	NEW WORK TO BE COMPLETED

# 1W FIT-UP AND M&E UPGRADE 240 SPARKS STREET, OTTAWA, ONTARIO ELECTRICAL

#### INTERIOR LIGHTING FIXTURE SCHEDULE - REFER TO SPECIFICATIONS FOR DETAILS

TYPE	DESCRIPTION	LIGHTING FIXTURE			COMMENTS
		GY	TYPE	WATT	
1	DIRECT/INDIRECT FLUORESCENT LIGHT FIXTURE	2	T840 40W	3000K	SUSPENDED AT 2180mm AFF
2	RECESSED WALL WAGER LIGHT FIXTURE	1	LED 17W	3000K 120V	RECESSED 1-ARM
3	COMPACT FLUORESCENT SQUARE DOWNLIGHT FIXTURE	2	GS11 24W	3000K 120V	
4	SUSPENDED FLUORESCENT LIGHT FIXTURE	2	T8 28W	3000K 120V	SUSPENDED
5	1220mm FLUORESCENT STRIP LIGHT FIXTURE	2	T8 28W	3000K 120V	SUSPENDED C/A WIRE CLAMP
6	WALL SOURCE LIGHT FIXTURE	2	CL 13W	3000K 120V	WALL
7	COMPACT FLUORESCENT DOWNLIGHT FIXTURE	2	CL 16W	3000K 120V	RECESSED
8	1220mm UNDERCABINET FLUORESCENT STRIP FIXTURE	1	T8 32W	3000K 120V	SURFACE

#### LIGHTING AND FIRE ALARM LEGEND

SYMBOL	DESCRIPTION
	BASE BUILDING LIGHT FIXTURE
	DIRECT/INDIRECT FLUORESCENT LIGHT FIXTURE - TYPE AS SHOWN
	FLUORESCENT STRIP LIGHT FIXTURE - TYPE AS SHOWN
	SQUARE DOWNLIGHT FIXTURE - TYPE AS SHOWN
	DOWNLIGHT FIXTURE - TYPE AS SHOWN
	WALL MOUNTED LIGHT FIXTURE - TYPE AS SHOWN
	LIGHT FIXTURES ON EMERGENCY POWER
	WALL MOUNTED SWITCH - W.H. 1200mm A.F.F.
	WALL MOUNTED 3-WAY SWITCH - W.H. 1200mm A.F.F.
	DIMMER SWITCH - W.H. 1200mm A.F.F.
	OCCUPANCY WALL MOUNTED SWITCH
	LOW VOLTAGE WALL MOUNTED SWITCH
	LIGHTING CONTROL PANEL
	CEILING MOUNTED OCCUPANCY SENSOR
	BREAKOUT SENSOR
	CEILING MOUNTED EXIT LIGHT, SINGLE OR DOUBLE-FACE AS SHOWN
	WALL MOUNTED EXIT LIGHT, SINGLE OR DOUBLE-FACE AS SHOWN
	FIRE ALARM HEAT DETECTOR, 85°C
	FIRE ALARM PULL STATION
	FIRE ALARM SPEAKER
	CEILING MOUNTED FIRE ALARM VISUAL SIGNAL DEVICE
	5 WIRES MOUNTED RECEPTACLE C/W 4-1/16 BOX FOR CONNECTION OF EMERGENCY LIGHTING
	3 WIRES MOUNTED RECEPTACLE C/W 4-1/16 BOX FOR CONNECTION OF EXIT LIGHTS
	5 WIRES MOUNTED RECEPTACLE C/W 4-1/16 BOX FOR CONNECTION OF LC BOXES
	400mm x 500mm x 500mm LIGHTING AND INTEGRATED CONTROL (LIC) MODULE
	EMERGENCY BATTERY UNIT C/W RECEPTACLE AND LIGHTING HEADS
	REMOTE EMERGENCY LIGHTING DUAL HEAD - WALL MOUNTED

#### POWER AND SYSTEMS LEGEND

SYMBOL	DESCRIPTION
	15A, 120V WALL MOUNTED DUPLEX RECEPTACLE
	DEDICATED DUPLEX RECEPTACLE
	RECEPTACLE INSTALLED OVER COUNTER
	SINGLE RECEPTACLE
	SPECIAL RECEPTACLE - TYPE AS INDICATED
	5-20A RECEPTACLE
	SPLIT RECEPTACLE
	COMBINATION POWER/TELEPHONE/FLOOR MOUNTING FLOOR MOUNTING SHALL ACCOMMODATE BOTH
	POWER FLOOR MOUNTING
	TELECOM FLOOR MOUNTING
	EMERGENCY FIRE C/W JUNCTION BOX AT TOP OF POLE FOR OTHERS MAKE FINAL RECEPTACLE CONNECTION AT THIS BOX & CONNECT TO CEILING JUNCTION BOX
	DISCONNECT SWITCH
	COMBINATION MAGNETIC MOTOR STARTER
	MOTOR STARTER (CFL) MOUNTED AS A DISCONNECTING MEANS AND SWITCH IN THE UL TYPE 1 ENCLOSURE
	TRANSDUCER PROVIDED BY ELECTRICAL
	TRANSDUCER SUPPLIED BY MECHANICAL, INSTALLED & WIRED BY ELECTRICAL
	SPEED SWITCH SUPPLIED BY MECHANICAL, INSTALLED & WIRED BY ELECTRICAL
	SINGLE PHASE ELECTRIC MOTOR
	HOT WATER TANK
	SURFACE MOUNTED PANEL
	RECESSED PANEL
	BARBED-FENCE DOOR BREAKER C/W HANGERS
	FLEXIBLE CONDUIT
	CONDUIT DOWN
	CONDUIT UP
	HARD WIRE CONNECTION
	CONDUIT STUB C/W BUSING
	UNIT HEATER
	TELECOM QUIET BOX
	PULL-UP ADDRESS (P/A) SPEAKER, CEILING MOUNTED
	CARD READER
	ELECTRICAL STRIKE
	DOOR CONTACT
	SECURITY ALARM KEY PAD
	CCTV CAMERA
	TELECOM DISTRIBUTION BOX
	CABLE TRAY
	CONDUIT SYSTEM
	8 CIRCUITS POWER DISTRIBUTION MODULE (PDM) BOX
	10 CIRCUITS POWER DISTRIBUTION MODULE (PDM) BOX
	SINGLE GANG ELECTRIC JUNCTION BOX C/W 35mm CONDUIT BETWEEN EACH BOX
	POWER DISTRIBUTION MODULE (PDM) NUMBER
	120V JUNCTION BOX, 100x100x60mm UNLESS NOTED OTHERWISE
	WALL/DOOR DUCT FLOOR ACCESS PANEL
	PULL BOX
	TELECOM PULL BOX
	SOUND WARNING SPEAKER
	SERVICE POLE

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revisions

no. du dessin	description	date
A	no. du dessin	
B	no. du dessin	
C	no. du dessin	

#### 1W FIT-UP AND M&E UPGRADE

OTTAWA, ONTARIO

#### ELECTRICAL: DRAWING LIST, LEGENDS AND LIGHTING FIXTURE SCHEDULE

Designed By	F. SALAH	Conçu par	F. SALAH
Date	2014/05	(yyyy/mm/dd)	2014/05
Drawn By	F. SALAH	Dessiné par	F. SALAH
Date	2014/05	(yyyy/mm/dd)	2014/05
Reviewed By	F. GIGOUX	Examiné par	F. GIGOUX
Date	2014/05	(yyyy/mm/dd)	2014/05
Approved By	W. NEEDHAM	Approuvé par	W. NEEDHAM
Date	2014/05	(yyyy/mm/dd)	2014/05
Tender	STEPHANIE CORNER	Administrateur de projet	STEPHANIE CORNER
Project no.	R.064703.002	No. du projet	R.064703.002
Drawing no.	E1	No. du dessin	E1