

PSPC SWING SPACE 9TH FLOOR

50 VICTORIA, OTTAWA ONTARIO

ELECTRICAL

Canada

Public Works and Government Services Canada
Travaux publics et services gouvernementaux Canada

Real Property Branch
Direction générale des biens immobiliers

Goodkey Weedmark Consulting Engineers

GOODKEY WEEDMARK & ASSOCIATES LIMITED
1688 Woodward Dr.
Ottawa Ontario
Canada K2C 3R8 GVAL PROJECT # 2017-446-1

DRAWING LIST	
DESSIN / DWG	DESCRIPTION
E001	TITLE SHEET, LEGEND & LIGHT FIXTURE SCHEDULE
E101	LIGHTING LAYOUT
E201	ELECTRICAL DEMOLITION P1 BASEMENT PLAN
E202	ELECTRICAL DISTRIBUTION DEMOLITION & RE-WORK PLAN
E203	POWER & TELECOM LAYOUT
E301	SINGLE LINE DIAGRAM DEMOLITION & NEW WORK
E302	PANEL BOARD SCHEDULES & DETAILS
E303	ELECTRICAL DETAILS

ABBREVIATION LEGEND	
ABBREVIATION	DESCRIPTION
GFI	GROUND FAULT INTERRUPTING, 5 mA
OC	OVER COUNTER
WAP	WIRELESS ACCESS POINT

ONELINE DIAGRAM LEGEND	
SYMBOL	DESCRIPTION
	CIRCUIT BREAKER - 100A
	DISCONNECT SWITCH
	CIRCUIT BREAKER PANEL
	DRY TYPE TRANSFORMER
	CONTACTOR

FIRE ALARM LEGEND	
SYMBOL	DESCRIPTION
	FIRE ALARM CONTROL PANEL
	FIRE ALARM SPEAKER/STROBE

TELECOMMUNICATION LEGEND	
SYMBOL	DESCRIPTION
	DATA OUTLET BOX C/W 27mmC UP TO CEILING SPACE

SECURITY LEGEND	
SYMBOL	DESCRIPTION
	CARD READER
	ELECTRICAL STRIKE
	DOOR CONTACT
	REQUEST TO EXIT
	CCTV CAMERA

POWER & SYSTEMS LEGEND	
SYMBOL	DESCRIPTION
	15A, 120V WALL MOUNTED DUPLEX RECEPTACLE
	DEDICATED DUPLEX RECEPTACLE
	20A, 120V WALL MOUNTED DUPLEX RECEPTACLE
	GROUND FAULT INTERRUPTING RECEPTACLE
	RECEPTACLE INSTALLED OVER COUNTER
	DUPLEX RECEPTACLE IN RECESSED BOX C/W COVER
	QUADPLEX RECEPTACLE
	CEILING POWER BOX
	FLOOR MONUMENT DUPLEX RECEPTACLE
	FIRE RATED POKE-THRU DUPLEX RECEPTACLE & DATA OUTLET
	CEILING MOUNTED JUNCTION BOX
	SERVICE POLE, C/W 2 DUPLEX RECEPTACLES AND COMMUNICATION PORTS
	SYSTEM FURNITURE POLE SUPPLIED BY FURNITURE CONTRACTOR
	DISCONNECT SWITCH BY DIVISION 26 UNLESS OTHERWISE NOTED
	TRANSFORMER
	SPEED SWITCH SUPPLIED BY MECHANICAL CONTRACTOR, INSTALLED & WIRED BY ELECTRICAL CONTRACTOR
	SINGLE PHASE ELECTRIC MOTOR
	SURFACE MOUNTED PANEL
	CONDUIT UP
	HOME RUN BACK TO PANEL
	UNDER CARPET FLAT WIRING - 1 CIRCUIT
	CONDUIT INSTALLED UNDER SLAB

LIGHTING LEGEND	
SYMBOL	DESCRIPTION
	RECESSED LED TROFFER LIGHT - TYPE AS INDICED
	RECESSED/SUSPENDED LED DOWNLIGHT - TYPE AS INDICATED
	SURFACE LED LIGHT - TYPE AS INDICATED
	SUSPENDED HORIZONTAL LED LIGHT - TYPE AS INDICATED
	SUSPENDED VERTICAL LED LIGHT - TYPE AS INDICATED
	WALL MOUNTED SWITCH - M.H. 1200mm A.F.F.
	LOW VOLTAGE SWITCH
	MOTION SENSOR SWITCH
	CEILING MOUNTED OCCUPANCY SENSOR SWITCH
	CEILING MOUNTED EXIT LIGHT, SINGLE OR DOUBLE-FACE AS SHOWN
	WALL MOUNTED EXIT LIGHT, SINGLE OR DOUBLE-FACE AS SHOWN

LIGHTING FIXTURE SCHEDULE										
TYPE	DESCRIPTION	QTY	LAMPS PER FIXTURE			VOLT	MOUNTING	REMARKS	TYPE	DESCRIPTION
			TYPE	WATTS	COLOUR					
A		1	LED	40W	3500K	347V	RECESSED	NEW RECESSED 508mm X 1524mm LAY-IN T-BAR C/W SEMI-ROUND ACRYLIC RIBBED LENS C/W END PLATE; 5000 LUMENS @ 50,000 HOURS; DIMMABLE VIA 0-10V DIMMER; 80 CRI.	K	
A1		1	LED	40W	3500K	347V	RECESSED	NEW RECESSED 508mm X 1220mm LAY-IN C/W SEMI-ROUND ACRYLIC RIBBED LENS C/W END PLATE; 5000 LUMENS @ 50,000 HOURS; DIMMABLE VIA 0-10V DIMMER; 80 CRI.	L	
B								NOT USED.	M	
C		1	LED	8W	3500K	120V	SURFACE	80mm X 80mm X 90mm SQUARE SURFACE MOUNT LED DOWNLIGHT; 637 LUMENS @ 50,000 HOURS; DIMMABLE VIA 0-10V DIMMER; 90 CRI; WHITE/WHITE FINISH. COORDINATE EXACT LOCATION WITH INTERIOR DESIGNER'S DRAWINGS.	N	
D		1	LED	16W/M	3500K	120V	SURFACE	NEW 76mmW SLIM SURFACE MOUNTED LED LIGHT FIXTURE; RECTANGULAR PROFILE FLUSH LENS; 1600 LUMENS/M @ 60,000 HOURS; DIMMABLE VIA 0-10V DIMMER; 80 CRI; MATTE WHITE FINISH. COORDINATE EXACT LOCATION AND FIXTURE LENGTHS WITH INTERIOR DESIGNER'S DRAWINGS.	P	
E								NOT USED.	Q	
F								NOT USED.	R	
G		1	LED	30W/M	3500K	120V	SUSPENDED	3048mmL X 1524mmW, 51mm APERTURE SUSPENDED HORIZONTAL LED RECTANGULAR SHAPE FIXTURE; 2250 LUMENS/M @ 50,000 HOURS; DIMMABLE VIA 0-10V DIMMER; 90 CRI; MATTE BLACK FINISH. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH INTERIOR DESIGNER'S DRAWINGS.	S	
G1		1	LED	30W/M	3500K	120V	SUSPENDED	2896mmW X 762mmH, 51mm APERTURE SUSPENDED VERTICAL LED RECTANGULAR SHAPE FIXTURE; 2250 LUMENS/M @ 50,000 HOURS; DIMMABLE VIA 0-10V DIMMER; 90 CRI; MATTE BLACK FINISH. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH INTERIOR DESIGNER'S DRAWINGS.	T	
H		1	LED	10.8W	3000K	120V	SUSPENDED	NEW 600mm DIAMETER ROUND SUSPENDED METAL DECORATIVE FIXTURE; 600 LUMENS @ 50,000 HOURS; 80 CRI; DIMMABLE VIA 0-10V DIMMER; NATURAL IRON FINISH; PROVIDE NEW COMPATIBLE LED LAMP; COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH INTERIOR DESIGNER'S DRAWINGS.	U	
I		1	LED	9W	3000K	120V	SURFACE	NEW 127mmW X 328mmH GLOBE SHAPED LED WALL SCONCE; 319 LUMENS @ 50,000 HOURS; 90 CRI; DIMMABLE VIA ELV AND TRAC DIMMER; POLISHED NICKEL FINISH. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH INTERIOR DESIGNER'S DRAWINGS.		

TYPE	DESCRIPTION	LAMPS PER FIXTURE			VOLT	MOUNTING	REMARKS
		QTY	TYPE	WATTS			
K		1	LED	3W	3000K	120V	SUSPENDED NEW 200mm DIAMETER GLOBE TYPE LED PENDANT; 347 LUMENS @ 50,000 HOURS; DIMMABLE VIA TRAC TYPE DIMMER; 80 CRI; BLACK FINISH. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH INTERIOR DESIGNER'S DRAWINGS.
L		1	LED	82W	3000K	120V	SUSPENDED NEW 3505mm X 3505mm SUSPENDED SQUARE SHAPE FIXTURE C/W FOUR (4) ADJUSTABLE TRACK HEADS; 2300 LUMENS @ 50,000 HOURS; DIMMABLE VIA 0-10V DIMMER; 90 CRI; BLACK FINISH. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH INTERIOR DESIGNER'S DRAWINGS.
M		1	LED	107W	3500K	120V	SUSPENDED NEW 4672mmL X 76mmW SUSPENDED RECTANGLE SHAPE LINEAR LED FIXTURE C/W FLUSH LENS; 2286 LUMENS/M @ 60,000 HOURS; DIMMABLE VIA 0-10V DIMMER; 90 CRI; MATTE WHITE FINISH. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH INTERIOR DESIGNER'S DRAWINGS.
N		1	LED	8W	3500K	120V	SUSPENDED NEW 800mmL X 39mm DIAMETER SUSPENDED METAL CYLINDRICAL FIXTURE; 537 LUMEN @ 50,000 HOURS; DIMMABLE VIA 0-10V DIMMER; 90 CRI; BLACK FINISH. COORDINATE EXACT LOCATION AND MOUNTING HEIGHT WITH INTERIOR DESIGNER'S DRAWINGS.
P		1	LED	12W	3500K	120V	RECESS NEW 123mm X 123mm LED DOWNLIGHT C/W SQUARE OPENING; 903 LUMENS @ 50,000 HOURS; DIMMABLE VIA 0-10V DIMMER; 90 CRI; ALL WHITE FINISH.
Q		2	LED	24W	3500K	120V	RECESS NEW 123mm X 226mm RECTANGULAR SHAPE DOUBLE RECESS WALLWASH DOWNLIGHT; 1806 LUMENS @ 50,000 HOURS; 90 CRI; DIMMABLE VIA 0-10V DIMMER; ALL WHITE FINISH.
R		2	LED	24W	3500K	120V	SURFACE NEW 105mm X 205mm RECTANGULAR SHAPE DOUBLE RECESS WALLWASH DOWNLIGHT; 1806 LUMENS @ 50,000 HOURS; 90 CRI; DIMMABLE VIA 0-10V DIMMER; ALL WHITE FINISH.
S		1	LED	34W	3500K	120V	SURFACE NEW 1220mm LENSED LED STRIP LIGHT; 4400 LUMENS @ 50,000 HOURS; 80 CRI; DIMMABLE VIA 0-10V DIMMER; WHITE FINISH.
T							NOT USED.
U		1	LED	9W	3500K	120V	SURFACE NEW 19.5mmW LOW PROFILE UNDER CABINET LED FIXTURE; 545 LUMEN/FT; 80CRI; L80 AT 60,000 HOURS; FIXTURE VIA 0-10V DIMMER; BUILT-IN 24VDC TRANSFORMER; LOW SQUARE OPAL LENS. COORDINATE EXACT FIXTURE LENGTH WITH INTERIOR DESIGNER'S DRAWINGS. JUNCTION BOX TO BE INSTALLED WITHIN UPPER CABINET.

N

seal/seceau

Richard Boivin
5037486
QUÉBEC

key plan
plan repère

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative.

revisions	description	date
5	RE - ISSUED FOR TENDER	2021-01-08
4	RE - ISSUED FOR TENDER	2020-03-12
3	ISSUED FOR TENDER	2019-12-04
2	ISSUED FOR 99% REVIEW	2019-05-07
1	ISSUED FOR 66% REVIEW	2019-04-23

A detail no. du détail
B location drawing no. sur dessin no.
C drawing no. dessin no.

A A
C B C

project project

**PSPC SWING SPACE
9TH FLOOR**

PDP1 , 50 RUE VICTORIA

drawing dessin

**TITLE SHEET, LEGEND
& LIGHT FIXTURE
SCHEDULE**

Designed By	WN MAR 2020	Conçu par	
Date		(yyyy/mm/dd)	
Drawn By	LB MAR 2020	Dessiné par	
Date		(yyyy/mm/dd)	
Reviewed By	RB MAR 2020	Examiné par	
Date		(yyyy/mm/dd)	
Approved By	RB MAR 2020	Approuvé par	
Date		(yyyy/mm/dd)	
Tender	FRANK RADKE	Soumission	
Project Manager	Administrateur de projets		
Project no.	No. du projet		
	R.097053		
Drawing no.	No. du dessin		
	E001		