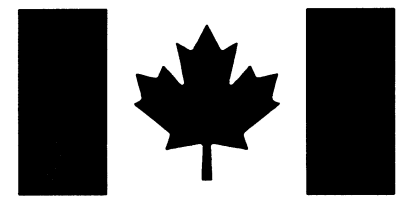


For Tender
01/10/2014



Public Works and
Government Services
Canada

Travaux publics et services
gouvernementaux
Canada

Privy Council Office - Third Floor Blackburn Building

85 Spark Street, Ottawa, Ontario

Canada

Public Works and
Government Services
Canada

Travaux publics et
services gouvernementaux
Canada

PAGEAUMOREL

Pageau Morel et associés inc.
www.pageaumorel.com
T 819.776.4665 | F 819.776.4775

7381-000-00

CIVITAS

14 Chamberlain Avenue, Suite 101
Ottawa, Ontario, K1S 1Y9
Tel: 613.742.7462
Fax: 613.742.8705
Web: www.civitas-inc.ca

TRUE NORTH PROJECT NORTH

THIS DRAWING SHALL NOT BE USED
FOR CONSTRUCTION PURPOSES.

Contractor to verify all dimensions &
conditions on site and immediately notify
the engineer of all discrepancies.

0	FOR TENDER	14-10-01
---	------------	----------

revisions	description	date
A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B C
	C drawing no. dessin no.	

project

project

BLACKBURN BUILDING
THIRD FLOOR
WORKPLACE 2.0 FIT-UP

85 SPARK STREET, OTTAWA, ONTARIO

drawing

dessin

ELECTRICAL
LEGEND AND LIGHTING
EQUIPMENT

Designed By S. BOND / P. CATELLIER Conçu par

Date (yyyy/mm/dd)

Drawn By M. FRENETTE Dessiné par

Date (yyyy/mm/dd)

Reviewed By G. COLLADOS Examiné par

Date (yyyy/mm/dd)

Approved By G. COLLADOS Approuvé par

Date (yyyy/mm/dd)

Tender Soumission

Project Manager Administrateur de projets

Project no. No. du projet

R. 031559.083

Drawing no. No. du dessin

E-001

GENERAL

1
E-100

UP UP

DN DOWN

M.H. MOUNTING HEIGHT

INDICATION

DIRECTION

1
REVISION No: 1

1
ACCESSORIES IDENTIFICATION

XXX-XXX
EQUIPMENT IDENTIFICATION

ON EXISTING DRAWINGS

EXISTING EQUIPMENT TO REMAIN.

EXISTING EQUIPMENT TO BE REMOVED OR RELOCATED

ER EXISTING EQUIPMENT TO BE RELOCATED

ON MODIFIED DRAWINGS

EXISTING EQUIPMENT TO REMAIN.

NEW OR RELOCATED EQUIPMENT

R EXISTING EQUIPMENT RELOCATED

LIGHTING FIXTURES CODIFICATION

LIGHTING FIXTURE TYPE "F1" CONTROL GROUP "a"

LIGHTING FIXTURES

SEE LIGHTING SCHEDULE CEILING MOUNTED

SEE LIGHTING SCHEDULE (NOT SWITCH) "ON" 24H CEILING MOUNTED

SEE LIGHTING SCHEDULE WALL MOUNTED

SEE LIGHTING SCHEDULE (NOT SWITCH) "ON" 24H WALL MOUNTED

SPOT CEILING MOUNTED

EXIT SIGN, SINGLE FACE, WALL MOUNTED 2100(84") C/L ABOVE FLOOR IN OFFICE AREA
2000(80") C/L ABOVE FLOOR IN CORE CORRIDOR AREA

EXIT SIGN, SINGLE FACE CEILING MOUNTED

EXIT SIGN, SINGLE FACE WITH ARROW(S) POINTING TO INDICATED LOCATION

DOUBLE FACE WITH ARROWS POINTING TO INDICATED LOCATION

BATTERY UNIT. SEE DRAWING FOR NUMBER OF HEADS (IF APPLICABLE) 2100(84") C/L ABOVE FLOOR

REMOTE DOUBLE HEAD CEILING MOUNTED

REMOTE SINGLE HEAD CEILING MOUNTED

LIGHTING CONTROLS

LOW VOLTAGE SWITCH 1200(48") C/L ABOVE FLOOR

SWITCH, LINE VOLTAGE 1050(42") C/L ABOVE FLOOR

DIMMER 120V 1200(48") C/L ABOVE FLOOR

OMNIDIRECTIONAL OCCUPANCY SENSOR CEILING MOUNTED

RECEPTACLES

DOUBLE 15A, 125V, 5-15R CONFIGURATION 450(18") C/L ABOVE FLOOR

DOUBLE 15A, 125V, 5-15R CONFIGURATION WITH GROUND FAULT CIRCUIT INTERRUPTER 450(18") C/L ABOVE FLOOR

QUAD 15A, 125V, 5-15R CONFIGURATION 450(18") C/L ABOVE FLOOR

SINGLE 20A, 125V, 5-20RA CONFIGURATION 450(18") C/L ABOVE FLOOR

DOUBLE 15A, 125V, 5-15R SPLIT CIRCUIT CONFIGURATION 450(18") C/L ABOVE FLOOR

DOUBLE 15A, 125V, 5-15R CONFIGURATION 1050(42") C/L ABOVE FLOOR

DOUBLE 15A, 125V, 5-15R CONFIGURATION WITH GROUND FAULT CIRCUIT INTERRUPTER 1050(42") C/L ABOVE FLOOR

DOUBLE 15/20A, 125V, 5-20R CONFIGURATION WITH GROUND FAULT CIRCUIT INTERRUPTER 1050(42") C/L ABOVE FLOOR

DOUBLE 15A, 125V, 5-15R CONFIGURATION CEILING MOUNTED

FLOOR BOX C/W 2 DOUBLE RECEPTACLES 15A, 125V, 5-15R CONFIGURATION AT FLOOR

FIRE ALARM

BELL 2100(84") C/L ABOVE FLOOR IN OFFICE AREA
2000(80") C/L ABOVE FLOOR IN CORE CORRIDOR AREA

PULL STATION EXISTING

REMOTE SIGNAL LAMP SEE DRAWING(S)

END OF LINE RESISTOR 2100(84") C/L ABOVE FLOOR

FIRE ALARM CONTROL PANEL EXISTING

SMOKE DETECTOR CEILING MOUNTED

WIRING DEVICES

SERVICE POLE

CONNECTION POINT

TELECOMMUNICATION

TELECOMMUNICATION / TELEPHONE OUTLET 450(18") C/L ABOVE FLOOR

NUMBER INDICATES QUANTITY OF JACKS CURRENTLY IN PLACE, NO NUMBER INDICATES ONE JACK.

RECESSED SPEAKER CEILING MOUNTED

DISTRIBUTION

SURFACE MOUNTED SERVICE PANEL UP TO 240V TOP AT 1850(72") ABOVE FLOOR

SURFACE MOUNTED SERVICE PANEL 347/600V EXISTING

MOTOR

TOGGLE SWITCH RATED FOR PROPER MOTOR SIZE.

DISTRIBUTION DIAGRAM

CIRCUIT BREAKER

SAFETY SWITCH

SERVICE PANEL LIGHTING CONTROL PANEL

DRY TYPE TRANSFORMER

SPLITTER / THROUGH

LIGHTING FIXTURES SCHEDULE			
TYPE	DESCRIPTION	SPECIFIED MODEL	LAMP
F1	LED RECESSED (2x4) 347V	COOPER LIGHTING, CORELITE MODEL: R2X-WO-4L40-1C-347-24-T1 OR EQUAL AND ACCEPTED	LED
F2	EXISTING FIXTURE (2x4) TO BE REINSTALLED ADD QUICK CONNECT WHERE INDICATED 347V	N/A	2x32W T-8 LAMP
F3	LED STRIPLIGHT (36") FOR KITCHEN 347V	LITHONIA LIGHTING, Z SERIES MODEL: ZL1N-L48-3000LM-FST HVOLT-40K-80CRI-WH OR EQUAL AND ACCEPTED M.H.: UNDER CABINET	LED
F4	WALL MOUNTED (48") FOR QUIET ROOM 347V	ALIGHT, ACANTHUS MODEL: E44-S-40-3-N-D-R OR EQUAL AND ACCEPTED M.H.: 2100	1x28W T-5 LAMP
F5	AIRCRAFT SUSPENDED (48") LUMINAIRE FOR MEETING ROOMS 347V	THE LIGHTING QUOTIENT, ELLIPTIPAR MODEL: F109-T128-2-02-3-VQJ OR EQUAL AND ACCEPTED M.H.: 2100, CENTERED IN ROOM. SEE NOTE 1.	2x28W
F5A	AIRCRAFT SUSPENDED (96") LUMINAIRE FOR MEETING ROOM 347V	THE LIGHTING QUOTIENT, ELLIPTIPAR MODEL: F109-T228-2-02-3-VQJ OR EQUAL AND ACCEPTED M.H.: 2100, CENTERED IN ROOM. SEE NOTE 1.	4x28W
F6	WALL MOUNTED LUMINAIRES FOR CORRIDOR (48") 347V	THE LIGHTING QUOTIENT, ELLIPTIPAR MODEL: F106-T128-S-02-3-VQJ OR EQUAL AND ACCEPTED M.H.: 2000mm SEE NOTE 1.	1x28W
F6A	WALL MOUNTED LUMINAIRES FOR CORRIDOR (24") 347V	THE LIGHTING QUOTIENT, ELLIPTIPAR MODEL: F106-T114-S-02-3-VQJ OR EQUAL AND ACCEPTED M.H.: 2000mm SEE NOTE 1.	1x14W
F6B	WALL MOUNTED LUMINAIRES FOR CORRIDOR (96") 347V	THE LIGHTING QUOTIENT, ELLIPTIPAR MODEL: F106-T228-S-02-3-VQJ OR EQUAL AND ACCEPTED M.H.: 2000mm SEE NOTE 1.	2x28W
F7	RECESSED WALL WASH FOR MEETING ROOM (24") 347V	FOCAL POINT, AVENUE A MODEL: FAVA-1TS-347-S-L841-2' OR EQUAL AND ACCEPTED.	28W
EL1	EMERGENCY LIGHT SEE DWG FOR NBRS OF HEADS 12 VOLTS DC	EF9 SERIES BY THOMAS AND BETTS MODEL EF9 -M-LJ OR EQUAL AND ACCEPTED.	LED 6W
EL2	EMERGENCY LIGHT SEE DWG FOR NBRS OF HEADS 12 VOLTS DC	EF9 SERIES BY THOMAS AND BETTS MODEL EF9 -M-LG OR EQUAL AND ACCEPTED.	LED 4W
EBU-1	BATTERY UNIT 12V	THOMAS & BETTS, ESL SERIES MODEL: 12ESL216 OR EQUAL AND ACCEPTED	N/A
EBU-2	BATTERY UNIT DOUBLE REMOTE HEADS 12V	THOMAS & BETTS, ESL SERIES MODEL: 12ESL216/2-LI OR EQUAL AND ACCEPTED	LED 2x5W
EX1	EXIT SIGN (36" / LED / BILINGUAL) SEE DWG FOR NBRS OF FACES 347V	THOMAS & BETTS, C8ES35 SERIES MODEL: C8ESXXW-U OR EQUAL AND ACCEPTED	LED
EX2	EXIT SIGN (12" / LED / BILINGUAL) SEE DWG FOR NBRS OF FACES 347V	THOMAS & BETTS, C8ES35 SERIES MODEL: C8ES36B12W-RC OR EQUAL AND ACCEPTED	LED
PL1	POT LIGHT LED (4") PROVIDE ALSO STEP DOWN TRANSFORMER AND HOUSING.	COOPER LIGHTING, PORTFOLIO MODEL: LD4A18D010TE-ERM4A18940-4LM1LI OR EQUAL AND ACCEPTED	LED
PL2	POT LIGHT LED (6") PROVIDE ALSO STEP DOWN TRANSFORMER AND HOUSING.	COOPER LIGHTING, PORTFOLIO MODEL: LD6A20DL3940-6LW1LI-W	32W

NOTES:
1- FIXTURE TO BE SUPPLIED WITH PROPER HANGERS AND END CAPS.

