ADDENDUM NO. 2

JLR No. 27672-000.1

ADDENDUM NO. 2

August 22, 2018

MAISON DE LA FRANCOPHONIE D'OTTAWA 2720 Richmond Road, Ottawa, Ontario

The following is provided to bidders as additional information and/or clarification and/or in response to questions.

This Addendum forms part of the Contract Documents and amends the original Specifications and Drawings. Ensure that all affected parties are aware of the items noted and include any and all cost impacts in the Tender submission.

GENERAL

Refer to attached "ADDENDUM PAGEAU MOREL NO.1"

Mechanical | Electrical

ADDENDUM PAGEAU MOREL NO. 1



1 GENERAL

1.1 This addendum is part of and shall be read jointly with the tender documents. In the case of contradiction, this document has precedence.

2 SCOPE

- 2.1 Modification to a section of drain on plan M-201
- 2.2 Modification to control specifications for energy monitoring integration and calculations
- 2.3 Electrical load has been separated by adding sub-panel with energy monitoring.

3 ELECTROMECHANICAL DESCRIPTION

- 3.1 Specification Section 25 00 00
- 3.1.1 Article 2.6.7 is inserted as follows:
 - 2.6.7 Integrate the electrical monitoring panels (3 panels on 3rd floor, 3 panels on the 2nd floor, 10 panels on the ground floor and 4 panels in the basement) with Modubus or other appropriate network for totalizing energy use as per the sequences.

Note that subtractive calculations are required to derive the HVAC usage from the electrical panel DP-B1.

- 3.2 Specification Section 25 90 00
- 3.2.1 Article 3.1.9.4 is added as follows:
 - .4 For energy monitoring systems:
 - .1 Measurement devices shall monitor the electrical energy and power and use for each of the following separately: Total electrical energy.
 - .2 HVAC systems.
 - .3 Interior lighting.
 - .4 Exterior lighting



Mechanical | Electrical

ADDENDUM PAGEAU MOREL NO. 1

- .5 Receptacle circuits
- .6 The electrical energy usage for all loads specified above shall be recorded a minimum of every 15 minutes and reported at least hourly, daily, monthly, and annually. The data shall be kept for a minimum of 36 months.
- 3.3 MECHANICAL Drawings
- 3.3.1 The drawings are revised as per drawing list transmitted with this addendum.
- 3.4 ELECTRICAL Drawings
- 3.4.1 The drawings are revised as per drawing list transmitted with this addendum.



				ISSUE
			DATE	2018-08-20
			REASON	FOR ADDENDUM #1
PAGE	NUMBER	DRAWINGS TITLE	REVISION	DESCRIPTION
1 of 51	ME-001	COVER PAGE	0	
2 of 51	M-001	MECHANICAL LEGEND	0	
3 of 51	M-002	MECHANICAL SITE PLAN DEMOLITION / NEW LAYOUT	0	
4 of 51	M-003	MECHANICAL ROOF PLAN DEMOLITION / NEW LAYOUT	0	
5 of 51	MD-100	MECHANICAL FIRE PROTECTION BASEMENT DEMOLITION	0	
6 of 51	M-100	MECHANICAL FIRE PROTECTION BASEMENT NEW LAYOUT	0	
7 of 51	M-101	MECHANICAL FIRE PROTECTION GROUND FLOOR NEW LAYOUT	0	
8 of 51	M-102	MECHANICAL FIRE PROTECTION GROUND FLOOR NEW LAYOUT	0	
9 of 51	M-103	MECHANICAL FIRE PROTECTION SECOND FLOOR NEW LAYOUT	0	
10 of 51	M-104	MECHANICAL FIRE PROTECTION THIRD FLOOR NEW LAYOUT	0	
11 of 51	M-105	MECHANICAL FIRE PROTECTION ATTIC SPACE NEW LAYOUT	0	
12 of 51	M-110	MECHANICAL FIRE PROTECTION SCHEDULE & DETAILS	0	
13 of 51	MD-200	MECHANICAL PLUMBING BASEMENT DEMOLITION	0	
14 of 51	M-200	MECHANICAL PLUMBING BASEMENT NEW LAYOUT	0	
15 of 51	MD-201	MECHANICAL PLUMBING GROUND FLOOR DEMOLITION	0	
16 of 51	M-201	MECHANICAL PLUMBING GROUND FLOOR NEW LAYOUT	1	Issued
17 of 51	MD-202	MECHANICAL PLUMBING 2ND, 3TH AND ATTIC SPACE DEMO	0	
18 of 51	M-202	MECHANICAL PLUMBING GROUND FLOOR NEW LAYOUT	0	
19 of 51	M-203	MECHANICAL PLUMBING SECOND FLOOR NEW LAYOUT	0	
20 of 51	M-204	MECHANICAL PLUMBING THIRD FLOOR NEW LAYOUT	0	
21 of 51	M-205	MECHANICAL PLUMBING ATTIC SPACE NEW LAYOUT	0	
22 of 51	M-210	MECHANICAL PLUMBING	0	
23 of 51	M-211	MECHANICAL PLUMBING DIAGRAMS & DETAILS	0	
24 of 51	M-212	MECHANICAL PLUMBING SANITARY DIAGRAM	0	
25 of 51	MD-300	MECHANICAL HEATING & COOLING GROUND FLOOR DEMOLITION	0	
26 of 51	M-300	MECHANICAL HEATING & COOLING BASEMENT NEW LAYOUT	0	
27 of 51	MD-301	MECHANICAL HEATING & COOLING 2ND & 3RD FLOOR DEMOLITION	0	
28 of 51	M-301	MECHANICAL HEATING & COOLING GROUND FLOOR NEW LAYOUT	0	
29 of 51	M-302	MECHANICAL HEATING & COOLING GROUND FLOOR NEW LAYOUT	0	
30 of 51	M-303	MECHANICAL HEATING & COOLING SECOND FLOOR NEW LAYOUT	0	
31 of 51	M-304	MECHANICAL HEATING & COOLING THIRD FLOOR NEW LAYOUT	0	
32 of 51	M-310	MECHANICAL HEATING & COOLING SCHEDULES & DIAGRAM	0	
33 of 51	M-311	MECHANICAL HEATING & COOLING DETAILS	0	
34 of 51	MD-400	MECHANICALVENTILATION BASEMENT & GROUND FLOOR DEMOLITION	0	
35 of 51	M-400	MECHANICAL VENTILATION BASEMENT NEW LAYOUT	0	
36 of 51	MD-401	MECHANICAL VENTILATION 2ND & 3RD FLOOR DEMOLITION	0	



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PAGE	NUMBER	DRAWINGS TITLE	REVISION	DESCRIPTION
37 of 51	M-401	MECHANICAL VENTILATION GROUND FLOOR NEW LAYOUT	0	
38 of 51	M-402	MECHANICAL VENTILATION GROUND FLOOR NEW LAYOUT	0	
39 of 51	M-403	MECHANICAL VENTILATION SECOND FLOOR NEW LAYOUT	0	
40 of 51	M-404	MECHANICAL VENTILATION THIRD FLOOR NEW LAYOUT	0	
41 of 51	M-405	MECHANICAL VENTILATION ATTIC SPACE NEW LAYOUT	0	
42 of 51	M-410	MECHANICAL VENTILATION SCHEDULES & DETAILS	0	
43 of 51	M-411	MECHANICAL VENTILATION SCHEDULES & DETAILS	0	
44 of 51	M-500	MECHANICAL CONTROLS NEW LAYOUT	0	
45 of 51	M-501	MECHANICAL CONTROLS NEW LAYOUT	0	
46 of 51	M-900	MECHANICAL ROOF PLAN DEMOLITION / NEW LAYOUT - FOR SEQUENCE 3	0	
47 of 51	M-901	MECHANICAL FIRE PROTECTION GROUND FLOOR NEW LAYOUT - FOR SEQUENCE 3	0	
48 of 51	M-902	MECHANICAL PLUMBING GROUND FLOOR NEW LAYOUT - FOR SEQUENCE 3	0	
49 of 51	M-903	MECHANICAL PLUMBING SANITARY DIAGRAM - FOR SEQUENCE 3	0	
50 of 51	M-904	MECHANICAL HEATING & COOLING GROUND FLOOR NEW LAYOUT - FOR SEQUENCE 3	0	
51 of 51	M-905	MECHANICAL VENTILATION GROUND FLOOR NEW LAYOUT - FOR SEQUENCE 3	0	

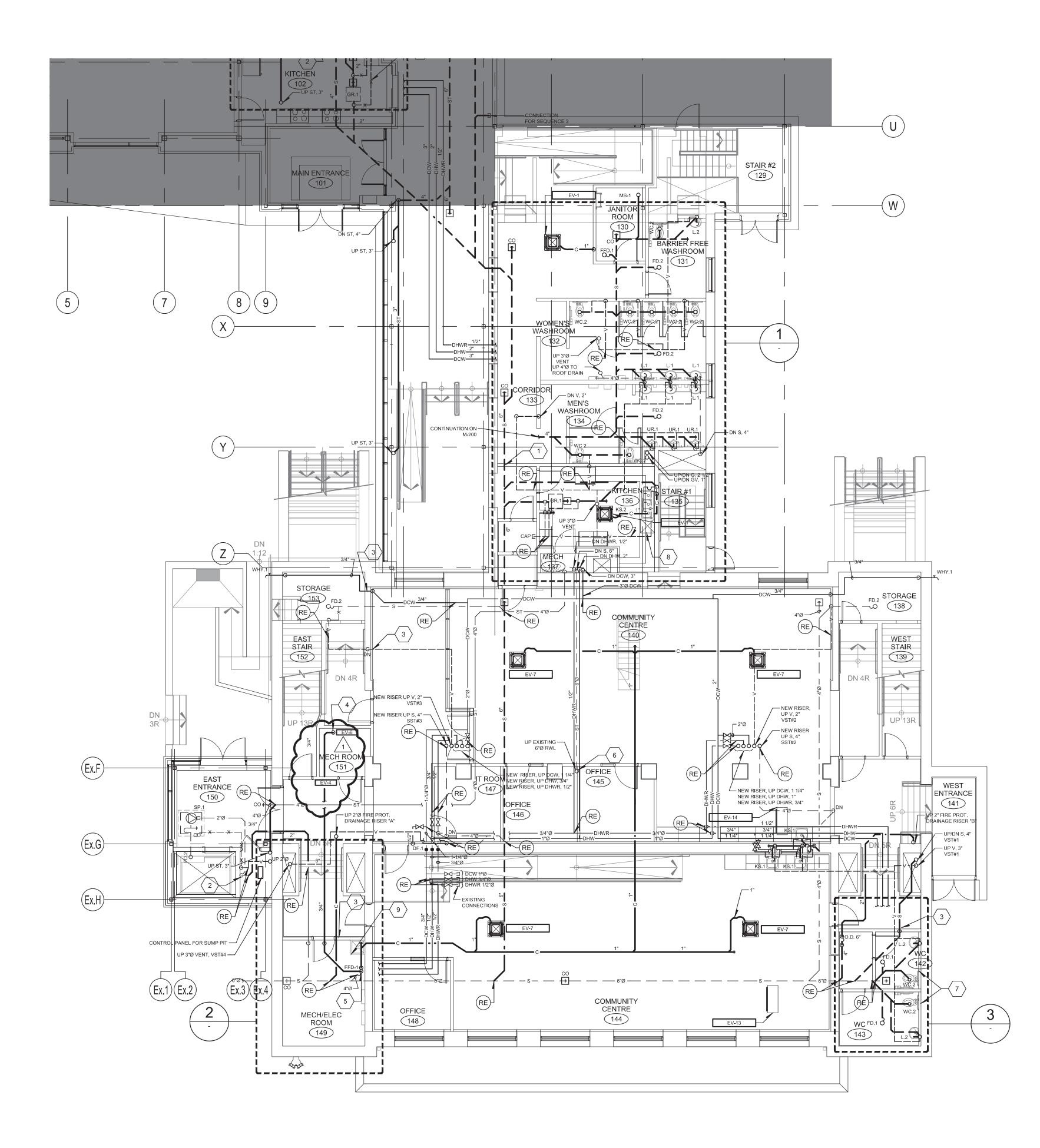


			DATE: REASON:	ISSUE 2018-08-17 FOR ADDENDUM NO.1
PAGE	NUMBER	DRAWINGS TITLE	REVISION	DESCRIPTION
1 of 29	E-000	COVER PAGE	0	
2 of 29	E-001	LEGEND	0	
3 of 29	E-002	LEGEND	0	
	-			
4 of 29	E-003		0	
5 of 29	ED-004	ELECTRICAL SITE PLAN - DEMOLITION	0	
6 of 29	E-004	ELECTRICAL SITE PLAN - NEW LAYOUT	0	
7 of 29	ED-010	ELECTRICAL SERVICES - SINGLE LINE DISTRIBUTION - DEMOLITION	0	
8 of 29	E-010	ELECTRICAL SERVICES - SINGLE LINE DISTRIBUTION	1	ISSUED
9 of 29	E-011	ELECTRICAL FIRE ALARM - SINGLE LINE DISTRIBUTION	0	
10 of 29	E-100	ELECTRICAL MULTIDISCIPLINARY - BASEMENT - NEW LAYOUT	1	ISSUED
11 of 29	E-101	ELECTRICAL MULTIDISCIPLINARY - GROUND FLOOR - NEW LAYOUT	1	ISSUED
12 of 29	E-102	ELECTRICAL MULTIDISCIPLINARY - GROUND FLOOR - NEW LAYOUT	1	ISSUED
13 of 29	E-103	ELECTRICAL MULTIDISCIPLINARY - SECOND FLOOR - NEW LAYOUT	1	ISSUED
14 of 29	E-104	ELECTRICAL MULTIDISCIPLINARY - THIRD FLOOR - NEW LAYOUT	1	ISSUED
15 of 29	E-105	ELECTRICAL MULTIDISCIPLINARY - ATTIC SPACE - NEW LAYOUT	1	ISSUED
16 of 29	ED-200	ELECTRICAL MULTIDISCIPLINARY - BASEMENT - DEMOLITION LAYOUT	0	
17 of 29	E-200	ELECTRICAL SERVICES - BASEMENT - NEW LAYOUT	1	ISSUED
18 of 29	ED-201	ELECTRICAL MULTIDISCIPLINARY - GROUND FLOOR & SECOND FLOOR - DEMOLITION LAYOUT	0	
19 of 29	E-201	ELECTRICAL SERVICES - GROUND FLOOR - NEW LAYOUT	1	ISSUED
20 of 29	E-202	ELECTRICAL SERVICES - GROUND FLOOR - NEW LAYOUT	1	ISSUED

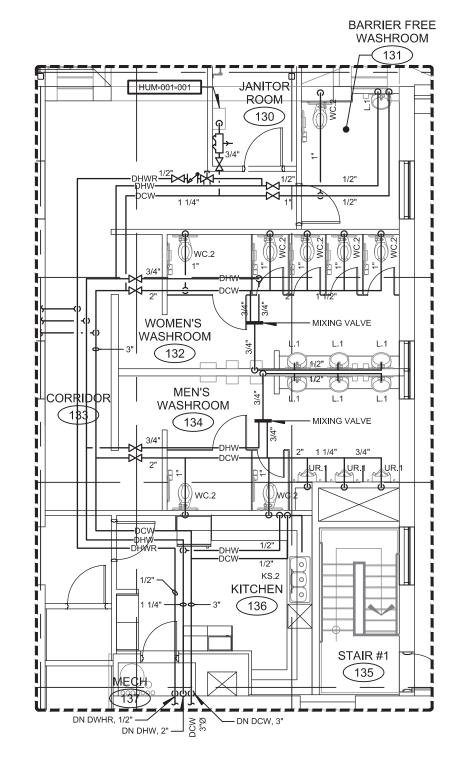


			ISSUE		
			DATE:	2018-08-17	
			REASON:	FOR ADDENDUM NO.1	
PAGE	NUMBER	DRAWINGS TITLE	REVISION	DESCRIPTION	
21 of 29	ED-202	ELECTRICAL MULTIDISCIPLINARY - THIRD FLOOR & ATTIC - DEMOLITION LAYOUT	0		
22 of 29	E-203	ELECTRICAL SERVICES - SECOND FLOOR - NEW LAYOUT	1	ISSUED	
23 of 29	E-204	ELECTRICAL SERVICES - THIRD FLOOR - NEW LAYOUT	1	ISSUED	
24 of 29	E-205	ELECTRICAL SERVICES -ATTIC SPACE - NEW LAYOUT	1	ISSUED	
25 of 29	E-400	ELECTRICAL DETAILS	0		
26 of 29	E-401	ELECTRICAL PANELS	1	ISSUED	
27 of 29	E-402	ELECTRICAL PANELS	1	NEW ISSUED	
28 of 29	E-403	ELECTRICAL PANELS	1	NEW ISSUED	
29 of 29	E-901	MULTIDISCIPLINARY - GROUND FLOOR - NEW LAYOUT FOR SEQUENCE 3	1	ISSUED	

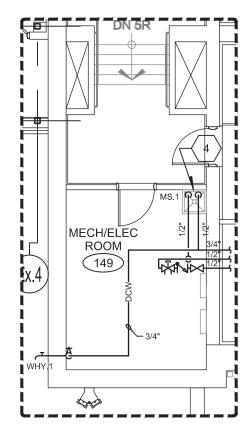




GROUND FLOOR - NORTH



DCW / DHW / DHWR DISTRIBUTION



DCW / DHW / DHWR DISTRIBUTION

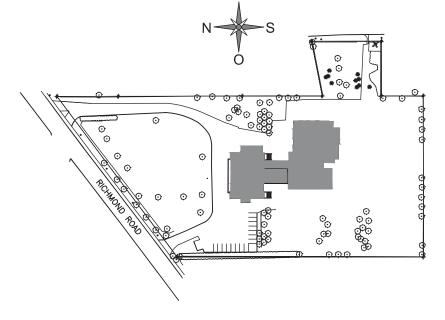


GENERAL NOTE(S):

- 1- ALL EXISTING PIPING, THIS INCLUDES DCW, DHW, VENTS, STORM AND SANITARY DRAINAGE AT CEILING LEVEL TO REMAIN. SOME SECTION WILL REQUIRE SOME REPLACEMENT, SEE NEW LAYOUT.
- 2- SOME REMOVAL WILL BE REQUIRED AS INDICATED ON DRAWING. SOME SECTIONS OF PIPING ARE DAMAGED OR HAVE BEEN PULLED DOWN. THESE SECTIONS ARE TO BE REMOVED.
- 3- ALL EXISTING PIPE SUPPORTS WILL HAVE TO BE VERIFIED AND REPLACED IF NECESSARY, SOME MAY HAVE BEEN RIPPED OUT. PROVIDE FOR 20% REPLACEMENT ON PIPING THAT REMAINS. ALL OTHER PIPE SUPPORTS NOT USED OR DAMAGED ARE TO BE REMOVED COMPLETELY.
 4- FOR INFORMATION ONLY. PIPING MATERIAL FOR CONDENSATE DRAINAGE
- SHOWN ON DRAWING IS AS FOLLOWS. MAIN PIPING IS IN XFR PLASTIC PIPING AND SIDE BRANCHES ARE COPPER LINES.
 5- FOR INFORMATION ONLY. PIPING MATERIAL FOR STORM AND SANITARY DRAINAGE SHOWN ON DRAWING IS AS FOLLOWS. ALL PIPING IS IN XFR PLASTIC PIPE. THIS INCLUDES SIDE BRANCHES UP TO CONNECTION. NO
- CONNECTIONS OR FLANGE FOR CONNECTION TO A FIXTURE HAVE BEEN INSTALLED. IF ANY REMOVE AND REPLACE.
 6- SEE DETAILS AND DIAGRAMS FOR ALL ACCESSORIES AND VALVES TO BE PROVIDED AND INSTALLED. DRAWINGS M-210 AND ABOVE.
- 7- NO DOMESTIC WATER LINES, DRAIN LINE OR VENTS ARE TO PASS IN THE OUTSIDE WALL, PIPING TO BE SURFACE MOUNTED. THIS INCLUDES MOST OF THE EXISTING WALLS IN THE EXISTING BUILDING.
- 8- CORES HAVE ALREADY BEEN MADE IN THE FLOOR AND WALLS FOR PAST FIT-UP, REUSE IF POSSIBLE OTHERWISE TO BE CAPPED OFF BY GENERAL CONTRACTOR AND NEW CORES TO BE MADE TO FIT WITH NEW SETUP.
 9- FOR SANITARY PIPING (BRANCHES AND MAIN INCLUDING ALL VENTING) SEE DIAGRAM ON M-210 FOR SIZING.
- 10- COORDINATE THE LENGTH OF LOW VOLTAGE WIRE BETWEEN CONVERTER AND EQUIPMENT.

IDENTIFICATION(S):

- $\left(\begin{array}{c}1\\\end{array}\right) \text{ SEE MODIFICATIONS TO SANITARY UNDER SLAB ON DRAWING M-200.}$
- PRESENTLY VENT, SANITARY OUTLET AND CONDUIT FOR ELEVATOR SUMP PIT FLOATS SYSTEM ARE COMING OUT OF THE SLAB AT THIS LOCATION AND ARE CAPPED AT 3' FROM THE GROUND. SEE CONTINUATION ON NEW LAYOUT.
 EXISTING CONCRETE WALL. PROVIDE CORING THROUGH WALL FOR PASSAGE OF PIPING.
 PUMP CONDENSATE FROM WALL MOUNTED A/C UNIT.
- $\left< 5 \right>$ drain condensate via open drain.
- 6 EXISTING STORM RISER IN CAST IRON TO REPLACE WITH THE SAME MATERIAL AS HORIZONTAL SECTION. XFR PLASTIC PIPE FROM THIS LEVEL UP TO ROOF
- 7 FLOOR SLAB TO BE OPEN (BY GENERAL CONTRACTOR), PREPARE GROUND FOR PLUMBING AND RE-BURY WHEN PLUMBING WORKS ARE COMPLETED. SLAB TO BE RE-DONE AS PER ARCHITECTURAL SPECIFICATIONS.
- 8 SEE DETAILS FOR DRAINAGE OF DISHWASHER, PROVIDE ALL NECESSARY EQUIPMENTS FOR HOT WATER CONNECTION TO DISHWASHER FROM KITCHEN SINK SERVICE, C/W ISOLATION VALVE.
- 9 MOP SINK FAUCETS AND SERVICES ARE SURFACE MOUNTED, PROVIDE AND INSTALL STEEL BRACKETS.





1 2018-08-20

Key Plan

FOR TENDER

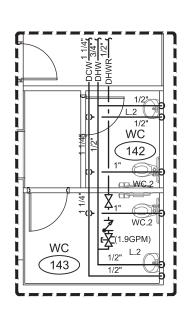
FOR ADDENDUM #1

Description





Structure



DCW / DHW / DHWR DISTRIBUTION





MAISON DE DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA

MECHANICAL PLUMBING GROUND FLOOR NEW LAYOUT

Drawn by :	B. TREMBLAY	Project n°:	7342-001-000
Design by :	B. TREMBLAY	Date :	2018-07-06
Verified by :	F. DIONNE	Scale :	1/8" = 1'-0"
Drawing n ^o			Revision

M-201

TYPE	MANUFACTURER	SERIES	INSTALLATION	LENGHT	LUMEN OUTPUT	OPTIC	REFLECTOR	VOLTAGE	WATTS	TEMPERATURE (°K)	DRIVER TYPE	NUMBER OF DRIVER	OPTION
D1A	EATON	SWLED	WALL MOUNTED / SUSPENDED CEILING	4'-0"	4800	FULL FROST LENS	N/A	120V	43.3	3500K	0-10V	1	
D1B	EATON	SWLED	WALL MOUNTED / SUSPENDED CEILING	4'-0"	4800	FULL FROST LENS	N/A	120V	43.3	3500K	0-10V	1	NOTE: PROVIDE A TOTAL OF 4 REMOTES. OPTIONS: SVPD2 (MOTION SENSOR), ACCESSSORIES: ISHH-01
D1C	EATON	SWLED	WALL MOUNTED / SUSPENDED CEILING	2'-0"	1600	FULL FROST LENS	N/A	120V	18.9	3500K	0-10V	1	
D1D	EATON	SNLED	WALL MOUNTED / SUSPENDED CEILING	2'-0"	1600	FULL FROST LENS	N/A	120V	15	3500K	0-10V	1	NOTE: PROVIDE A WIREGUARD
D1E	EATON	SNLED	WALL MOUNTED / SUSPENDED CEILING	4'-0"	3600	FULL FROST LENS	N/A	120V	30	3500K	0-10V	1	NOTE: PROVIDE A WIREGUARD
D2A	EATON	24SR	SUSPENDED CEILING	4'-0"	2900	STD	CURVED	120V	22.7	3500K	0-10V	1	
D2B	EATON	24SR	GYPSUM CEILING	4'-0"	2900	STD	CURVED	120V	22.7	3500K	0-10V	1	
D2C	EATON	24SR	SUSPENDED CEILING	4'-0"	3900	STD	CURVED	120V	27.2	3500K	0-10V (1-100%)	1	
D2D	EATON	24SR	SUSPENDED CEILING	4'-0"	3900	STD	CURVED	120V	27.2	3500K	0-10V	1	
D3A	EATON	22SR	SUSPENDED CEILING	2'-0"	2000	STD	CURVED	120V	15.4	3500K	0-10V (1-100%)	1	
D3B	EATON	22SR	SUSPENDED CEILING	2'-0"	2900	STD	CURVED	120V	23.4	3500K	0-10V (1-100%)	1	
D3C	EATON	22SR	SUSPENDED CEILING	2'-0"	2900	STD	CURVED	120V	23.4	3500K	0-10V	1	
D3D	EATON	22SR	SUSPENDED CEILING	2'-0"	2000	STD	CURVED	120V	15.4	3500K	0-10V	1	
D4A	EATON	14SR	SUSPENDED CEILING	4'-0"	2000	STD	CURVED	120V	16.4	3500K	0-10V	1	
D4B	EATON	14SR	GYPSUM CEILING	4'-0"	2000	STD	CURVED	120V	16.4	3500K	0-10V	1	NOTE: PROVIDE A SURFACE MOUNT KIT AND STEMS TO SUSPEND FIXTURE
D4C	EATON	14SR	SUSPENDED CEILING	4'-0"	2000	STD	CURVED	120V	16.4	3500K	0-10V	1	
D4D	EATON	14SR	SUSPENDED CEILING	4'-0"	2500	STD	CURVED	120V	20.9	3500K	0-10V	1	
D4E	EATON	14SR	GYPSUM CEILING	4'-0"	2500	STD	CURVED	120V	20.9	3500K	0-10V	1	
D5A	EATON	LD6B	SUSPENDED CEILING	6" Ø	2000	N/A	N/A	120V	21.2	3500K	0-10V (1-100%)	1	NOTE: WIDE DISTRIBUTION, WHITE FLANGE, SEMI-SPECULAR CLEAR FINISH
D5B	EATON	LD6B	SUSPENDED CEILING	6" Ø	1000	N/A	N/A	120V	11	3500K	0-10V (1-100%)	1	NOTE: WIDE DISTRIBUTION, WHITE FLANGE, SEMI-SPECULAR CLEAR FINISH
D5C	EATON	LD6B	GYPSUM CEILING	6" Ø	2000	N/A	N/A	120V	21.2	3500K	0-10V (1-100%)	1	NOTE: WIDE DISTRIBUTION, WHITE FLANGE, SEMI-SPECULAR CLEAR FINISH
D6A	EATON	LD4B	SUSPENDED CEILING	4" Ø	1000	N/A	N/A	120V	11	3500K	0-10V (1-100%)	1	NOTE: MEDIUM DISTRIBUTION, WHITE FLANGE, SPECULAR BLACK FINISH
D6B	EATON	LD4B	SUSPENDED CEILING	4" Ø	1000	N/A	N/A	120V	11	3500K	0-10V (1-100%)	1	NOTE: WIDE DISTRIBUTION, WHITE FLANGE, SPECULAIR BLACK FINISH
D6C	EATON	LD4B	SUSPENDED CEILING	4" Ø	1500	N/A	N/A	120V	15.5	3500K	0-10V (1-100%)	1	NOTE: MEDIUM DISTRIBUTION, WHITE FLANGE, SPECULAR BLACK FINISH
D6D	EATON	LD4B	SUSPENDED CEILING	4" Ø	1500	N/A	N/A	120V	15.5	3500K	0-10V (1-100%)	1	NOTE: WIDE DISTRIBUTION, WHITE FLANGE, SEMI-SPECULAR CLEAR FINISH
D6E	EATON	LD4B	SUSPENDED CEILING	4" Ø	1000	N/A	N/A	120V	11	3500K	0-10V (1-100%)	1	NOTE: WIDE DISTRIBUTION, WHITE FLANGE, SEMI-SPECULAR CLEAR FINISH AND IP66 GASKET KIT
D7	EATON	HALO RL56	SUSPENDED CEILING	4" Ø	690	N/A	N/A	120V	12	3500K	N/A	1	NOTE: WHITE TRIM, OPTIONS: 90 CRI
D8A	EATON	VHB	CEILING	4'-0"	18 000	N/A	N/A	120V	160	4000K	0-10V	1	OPTIONS: PAINTED AFTER FABRICATION / WIREGUARD
D8B	EATON	VHB	CEILING	4'-0"	12 000	N/A	N/A	120V	100	4000K	0-10V	1	OPTIONS: PAINTED AFTER FABRICATION / WIREGUARD
D9	EATON	VAPORTITE			4 000	FROSTED LENS	N/A	120V	38	4000K	0-10V	1	
D10	EATON	BCLED	WALL MOUNTED	4'-0"	2800	FROSTED LENS	N/A	120V	29	3500K	0-10V	1	
D11	EATON	HVSL	WALL MOUNTED	4'-0"	4300	OPAL	N/A	120V	52.4	3500K	N/A	1	SF1(VANDAL RESISTANT SCREWS, ALHA(ALUMINIUM PAINTED. NOTE: COLOR TO BE CHOOSE BY ARCHITECT.
D12A	EATON	24FR	SUSPENDED CEILING	4'-0"	3000	HIGH PERFORMANCE	N/A	120V	23	3500K	0-10V	1	PMW(PAINT MATTE WHITE)
D12B	EATON	24FR	SUSPENDED CEILING	4'-0"	4000	HIGH PERFORMANCE	N/A	120V	36	3500K	0-10V	1	PMW(PAINT MATTE WHITE)
D13	EATON	22FR	SUSPENDED CEILING	2'-0"	3200	HIGH PERFORMANCE	N/A	120V	35	3500K	0-10V	1	PMW(PAINT MATTE WHITE)
RH1	THOMAS & BETTS	EF9	WALL MOUNTED	N/A	N/A	N/A	N/A	12V	5	N/A	N/A	N/A	
RH2	THOMAS & BETTS	EF40P	WALL MOUNTED	N/A	N/A	N/A	N/A	12V	6	N/A	N/A	N/A	
EX1	THOMAS & BETTS	EA	WALL MOUNTED	N/A	N/A	N/A	N/A	120V/12V		N/A	N/A	N/A	NOTE: COLOR WHITE
EX2	THOMAS & BETTS	EAC	WALL MOUNTED	N/A	N/A	N/A	N/A	120V/12V	80	N/A	N/A	N/A	OPTIONS: AUTO-TEST / 12V-6W LAMPS/ COLOR WHITE
EX3	THOMAS & BETTS	ENC	WALL MOUNTED	N/A	N/A	N/A	N/A	120V/12V	80	N/A	N/A	N/A	OPTIONS: AUTO-TEST / 12V-6W LAMPS/ COLOR WHITE
UBxx	THOMAS & BETTS	12ESL	WALL MOUNTED	N/A	N/A	N/A	N/A	120V/12V		N/A	N/A	N/A	OPTIONS: AUTO-TEST&CABTIRE&AC/DC JONCTION BOX / COLOR WHITE
WP1	EATON	XTOR1B-Y CROSSTOUR LED	WALL MOUNTED	N/A	1327	N/A	N/A	120V	12	3000K	N/A	1	COLOR TO BE CHOSE BY ARCHITECT
WP2 PL1A	EATON	XTOR3B-Y CROSSTOUR LED	WALL MOUNTED	N/A 20'-0" (HEIGHT)	2575	N/A N/A	N/A N/A	120V 120V	26 75	3000K 3000K	N/A N/A		NOTE: 5 INCH SQUARE ALUMINIUM POLE, COLOR : BLACK ANODIZED OPTIONS: 80CRI, DISTRIBUTION TYPE III WITH SPILL CONTROL, TENON ADAPTER FOR
)		2							Ś	POLE NOTE: 5 INCH SQUARE ALUMINIUM POLE, COLOR : BLACK ANODIZED
PL1C	EATON	TLM TALON MEDIUM LED	N/A	20'-0" (HEIGHT)	7652	N/A	N/A	120V	75	3000K	N/A		OPTIONS: 80CRI, DISTRIBUTION TYPE III WITH SPILL CONTROL, TENON ADAPTER FOR POLE NOTE: 5 INCH SQUARE ALUMINIUM POLE, COLOR : BLACK ANODIZED
PL2	EATON	TLM TALON MEDIUM LED	N/A	20'-0" (HEIGHT)	10202	N/A	N/A	120V	97	3000K	N/A	1	OPTIONS: 80CRI, DISTRIBUTION TYPE III WITH SPILL CONTROL, TENON ADAPTER FOR POLE
PL3	EATON	TLM TALON MEDIUM LED	N/A	20'-0" (HEIGHT)	5157	N/A	N/A	120V	52	3000K	N/A	1	NOTE: 5 INCH SQUARE ALUMINIUM POLE, COLOR : BLACK ANODIZED OPTIONS: 80CRI, DISTRIBUTION TYPE II WITH SPILL CONTROL, TENON ADAPTER FOR POLE

LIST OF LIGHTING FIXTURES



PTIONS: SVPD2 (MOTION SENSOR), : ISHH-01

IREGUARD

/IREGUARD

ND STEMS TO SUSPEND FIXTURE

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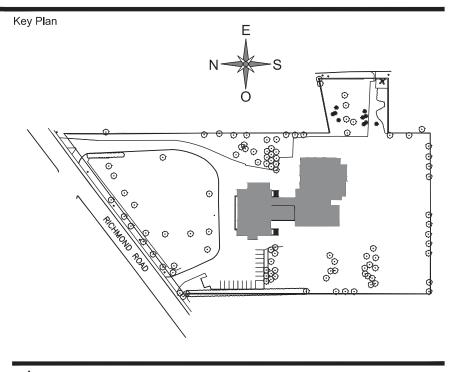
ALHA(ALUMINIUM PAINTED. SE BY ARCHITECT.

E WHITE) E WHITE)

LAMPS/ COLOR WHITE

Y ARCHITECT

LE, COLOR : BLACK ANODIZED SPILL CONTROL, TENON ADAPTER FOR LE, COLOR : BLACK ANODIZED SPILL CONTROL, TENON ADAPTER FOR LE, COLOR : BLACK ANODIZED SPILL CONTROL, TENON ADAPTER FOR





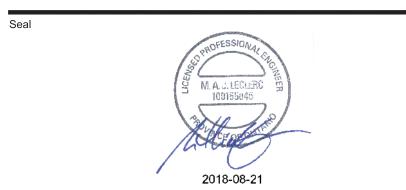
N°	Date		Description
0	2018-07-25	FOR TENDER	
1	2018-08-20	FOR ADDENDUM #1	





Structure

Title



Project MAISON DE DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA

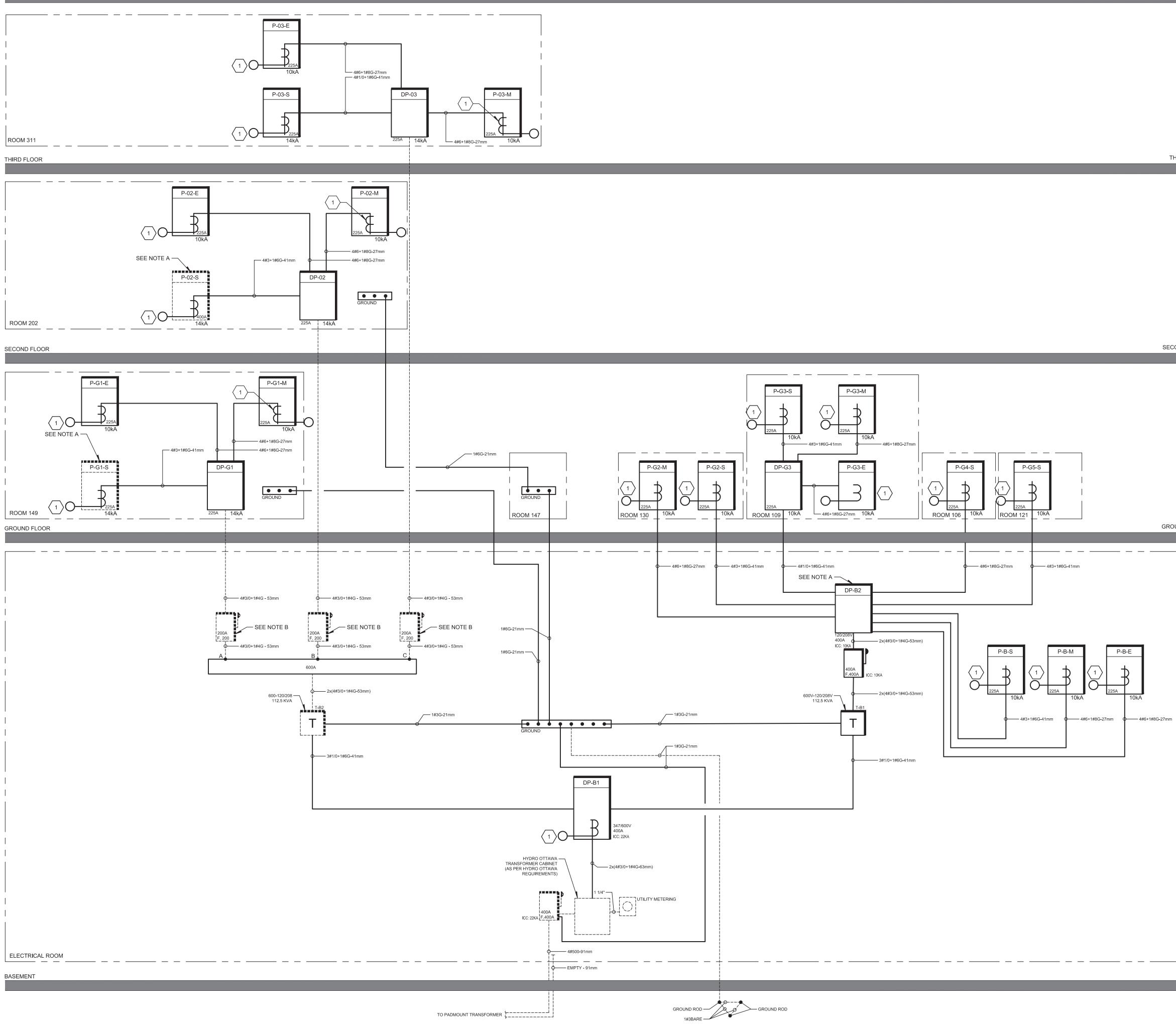
ELECTRICAL LEGEND

)rawn by :	F.BR.	Project n°:	7342-001-000
Design by :	J.RI.	Date :	2018-07-06
Verified by :	M.LE.	Scale :	N.T.S.









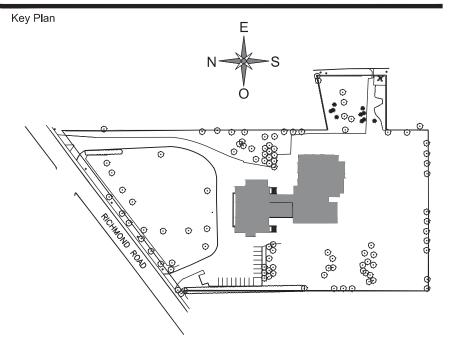
SPECIFIC NOTE(S):

- A- EXISTING PANEL TO BE RE-USED. CHANGE EXISTING BREAKERS ACCORDING TO NEW DISTRIBUTION.
- B- EXISTING TIME DELAY. FUSE TO BE REPLACED FOR NEW INSTANT FUSE (TYPE J).

IDENTIFICATION(S):

 1
 CUSTUMER METERING, MODEL SCHNEIDER ELECTRIC ION 6200

 EP2 OR QUIVALENT.



Description

Nº	Date	
0	2018-07-25	FOR TENDER

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Structure

Seal

Drawing n^o



MAISON DE DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA



SINGLE LINE DISTRIBUTION						
Drawn by :	F.BR.	Project n°:	7342-001-000			
Design by :	J.RI.	Date :	2018-07-06			
Verified by :	M.LE.	Scale :	N.T.S.			

E-010



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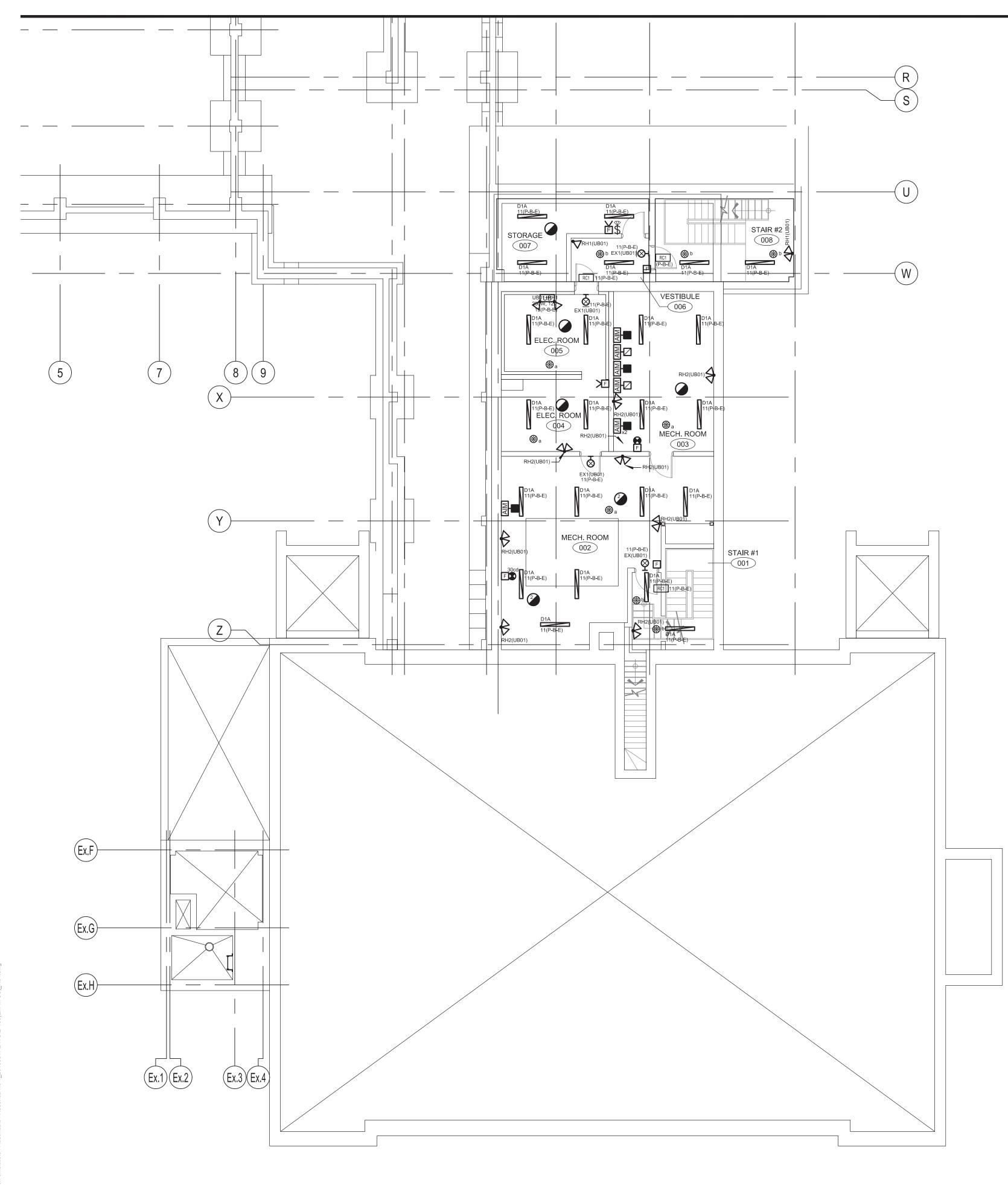


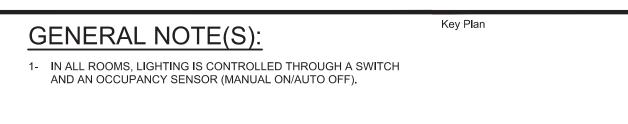
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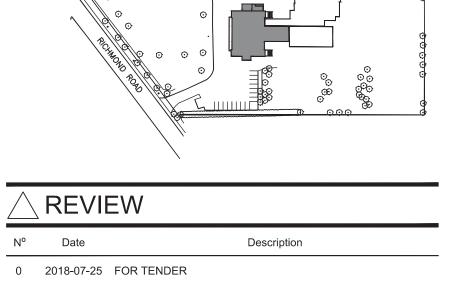
THIRD FLOOR

SECOND FLOOR

GROUND FLOOR







1 2018-08-20 FOR ADDENDUM #1

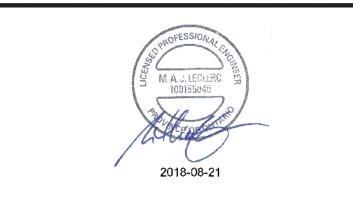
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Structure

Seal



Project MAISON DE DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA

ELECTRICAL - MULTIDISCIPLINARY BASEMENT NEW LAYOUT

Drawn by :	F.BR.	Project n°:	7342-001-000
Design by :	J.RI.	Date :	2018-07-06
Verified by :	M.LE.	Scale :	1/8" = 1'-0"
Drawing n ^o			Revision



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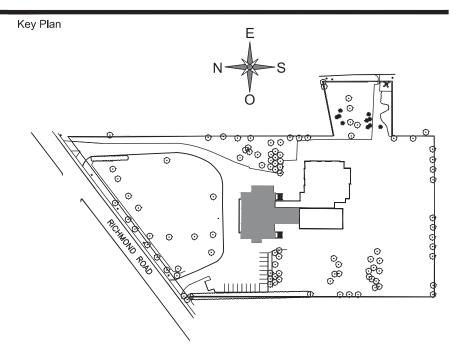
GROUND FLOOR - SOUTH

GENERAL NOTE(S):

- LIGHTING CONTROL:
 IN ROOMS WITH DAYLIGHT SENSOR, FIXTURE SHALL DIM ACCORDING TO AVAILABLE DAYLIGHT.
 IN CORRIDORS, WASHROOMS AND STAIRS LIGHTING IS CONTROLLED TROUGHT OCCUPANCY SENSOR. IN TECHNICAL ROOMS, STORAGE AND OTHER ROOM LIGHTING IS CONTROLED TROUGHT OCCUPANCY SENSOR. IN OTHER ROOMS, LIGHTING IS CONTROLLED TROUGHT A SWITCH AND A OCCUPANCY SENSOR. (MANUAL ON/AUTO OFF)
- 2- ALL THE LIGHTING DEVICES UNDER THE HATCHED ZONE ARE SHOWN ON THE DRAWING E-102.

IDENTIFICATION(S):

- $\left\langle \begin{array}{c} 1 \end{array} \right\rangle$ CEILING MOUNTED AND CENTERED.
- $\begin{pmatrix} 2 \end{pmatrix}$ TO BE INSTALLED IN THE ELEVATOR SHAFT.
- $\left< \begin{array}{c} 3 \end{array} \right>$ PROVIDE LOCKABLE METAL BOX OVER THE DIMMERS.
- $\left< \frac{4}{4} \right>$ FIRE ALARM TRANSMISSION EQUIPMENT.





Nº Date

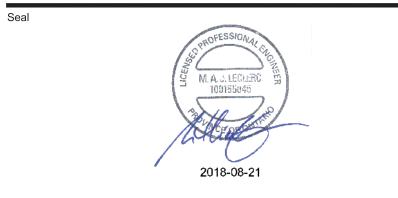
- Description
- 0 2018-07-25 FOR TENDER

1 2018-08-20 FOR ADDENDUM #1





Structure



Project MAISON DE DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA

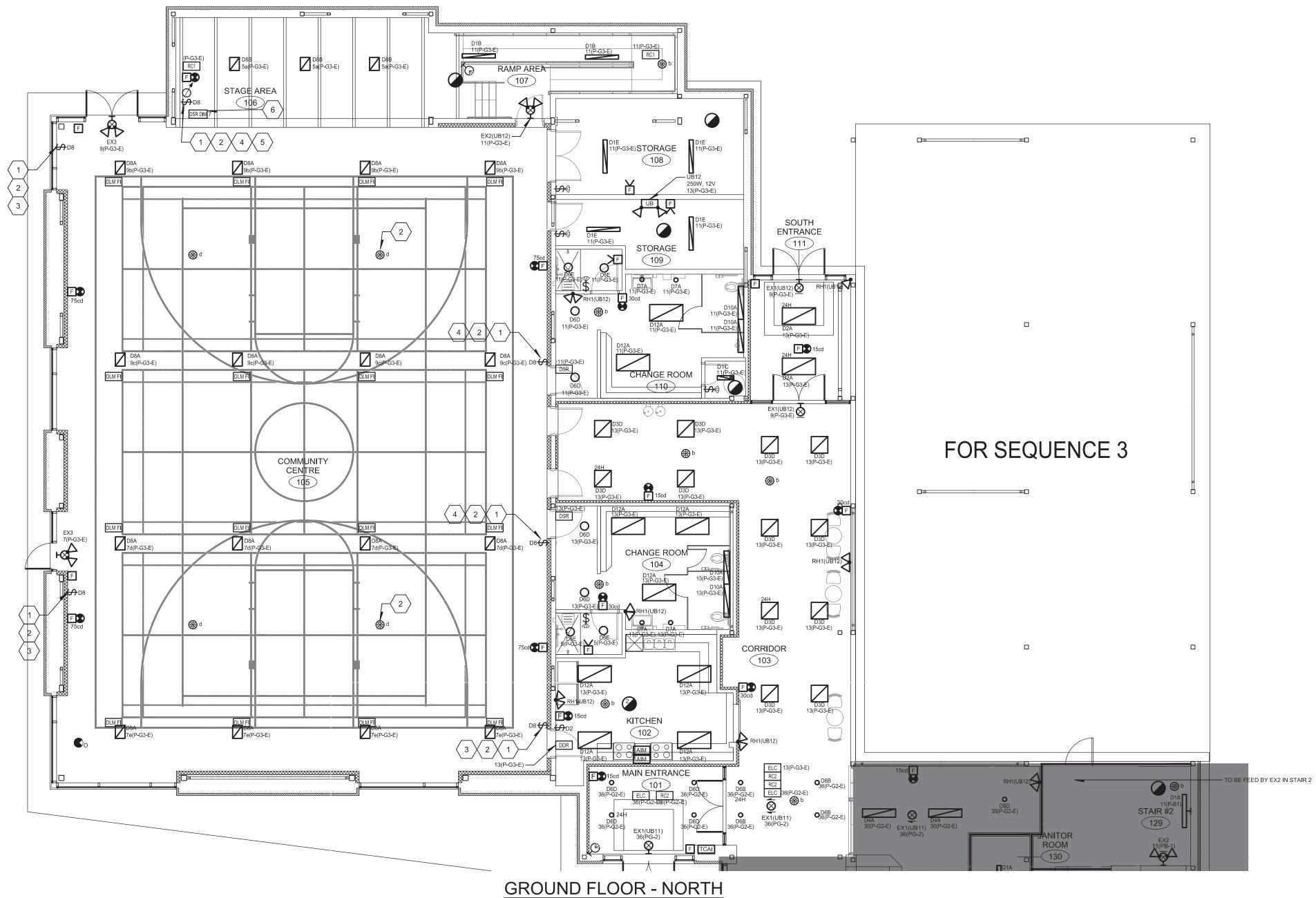
Title **ELECTRICAL - MULTIDISCIPLINARY** GROUND FLOOR NEW LAYOUT

GENERAL REVISION		(.
	Drawn by :	F.BR.
	Design by :	J.RI.
THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OR INSTALLATION	Verified by :	M.LE.
PURPOSES.	Drawing n⁰	

Project n°: 7342-001-000 2018-07-06 Date 1/8" = 1'-0" Scale :







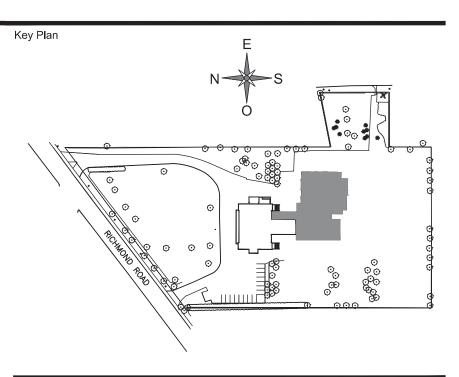


- ALL SERVICES IN THE GYMNASIUM SHALL BE PROTECTED WITH A WIREGUARD. FIRE ALARM COMPONANT SHALL BE PROTECTED WITH A SOLID COVER FROM STI.
- 2- LIGHTING CONTROL:
 IN ROOMS WITH DAYLIGHT SENSOR, FIXTURE SHALL DIM ACCORDING TO AVAILABLE DAYLIGHT. - IN CORRIDORS, WASHROOMS, TECHNICAL ROOMS, STORAGE AND STAIRS LIGHTING IS CONTROLLED TROUGHT OCCUPANCY SENSOR. IN OTHER ROOMS, LIGHTING IS CONTROLLED TROUGHT A SWITCH AND A OCCUPANCY SENSOR. (MANUAL ON/AUTO OFF)
- 3- ALL THE LIGHTING DEVICES UNDER THE HATCHED ZONE ARE SHOWN ON THE DRAWING E-101.

IDENTIFICATION(S):

 $\left< \frac{1}{1} \right>$ PROVIDE LOCKABLE PLASTIC COVER OVER THE LIGHT CONTROLS.

- $\left< \begin{array}{c} 2 \end{array} \right>$ SEE GYMNASIUM LIGHTING DETAIL.
- 3 1 ON/OFF BUTTON WALL SWITCH (CONTROL ALL FIXTURES IN THE GYMNASIUM INCLUDING THE STAGE).
- 4 8 ON/OFF BUTTON WALL SWITCH. (1 BUTTON PER HORIZONTAL ROW TO POWER FULL ON AND TO POWER FULL OFF).
- 5 1 DIMMING SWITCH PER HORIZONTAL ROW AND FOR STAGE.
- $\left< \begin{array}{c} 6 \end{array} \right>$ GYMNASIUM CONTROLLER.



Description



- N° Date
- 0 2018-07-25 FOR TENDER
- 1 2018-08-20 FOR ADDENDUM #1





Structure



MAISON DE DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA

ELECTRICAL - MULTIDISCIPLINARY GROUND FLOOR NEW LAYOUT

Date

Scale :

GENERAL REVISION		
	Drawn by :	F.BR
	Design by :	J.RI.
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DUDDOOEO		

PURPOSES.



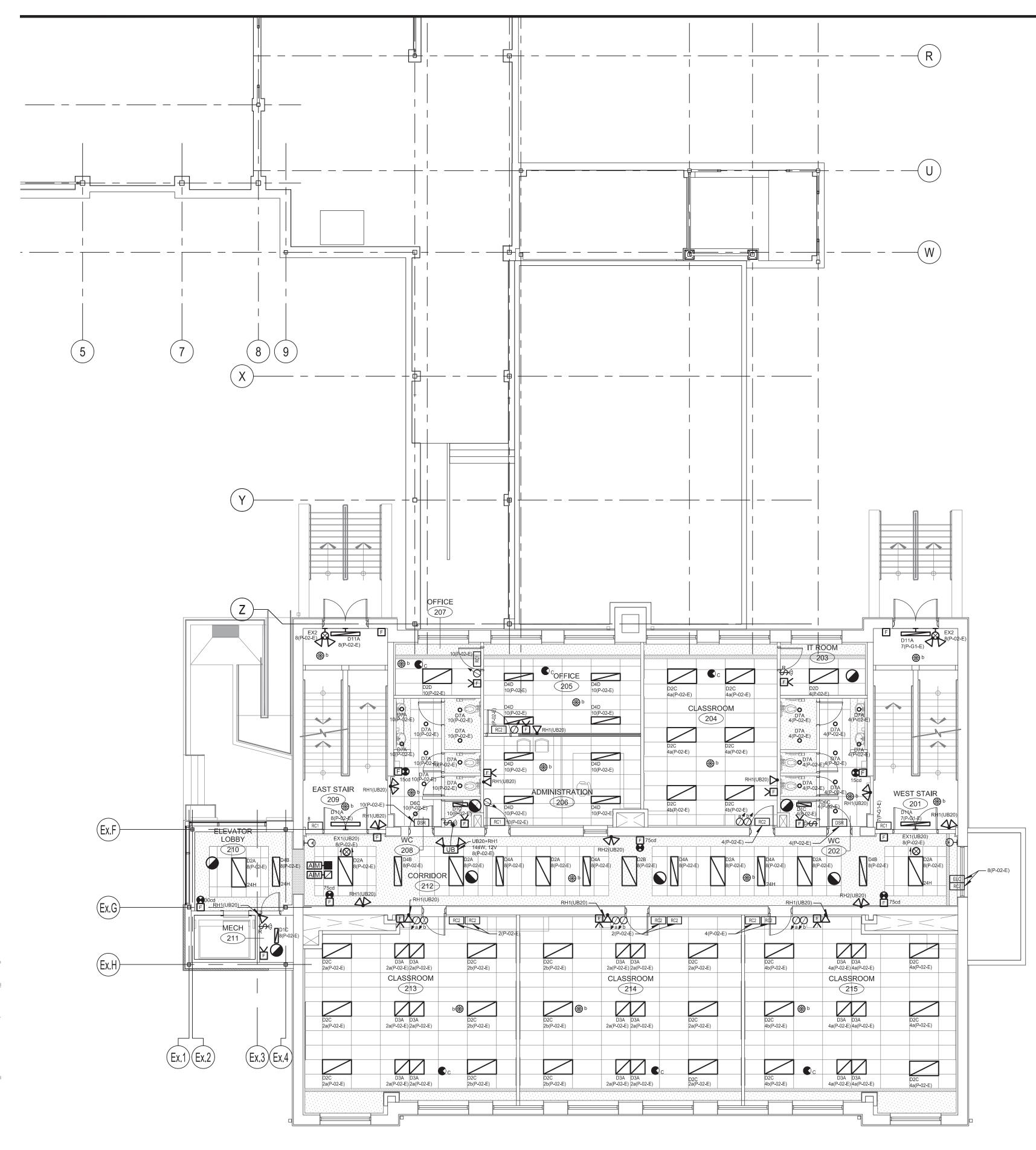


Drawing n^o

1/8" = 1'-0"

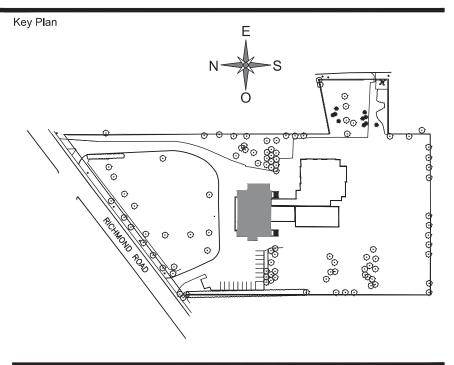
Project n°: 7342-001-000

2018-07-06



 LIGHTING CONTROL:

 IN ROOMS WITH DAYLIGHT SENSOR, FIXTURE SHALL DIM ACCORDING TO AVAILABLE DAYLIGHT.
 IN CORRIDORS, WASHROOMS AND STAIRS LIGHTING IS CONTROLLED TROUGHT OCCUPANCY SENSOR.
 IN OTHERS ROOMS LIGHTING IS CONTROLLED TROUGHT A SWITCH AND A OCCUPANCY SENSOR. (MANUAL ON/AUTO OFF)

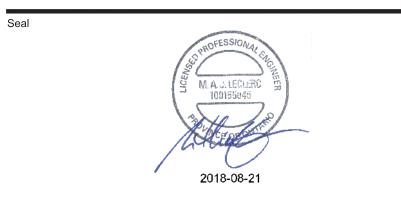


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	0	2018-07-25	FOR TENDER	
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Structure



Project MAISON DE DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA

ELECTRICAL - MULTIDISCIPLINARY SECOND FLOOR NEW LAYOUT

Drawn by :	F.BR.	Project n°:	7342-	001-000
Design by :	J.RI.	Date :	2018-	07-06
Verified by :	M.LE.	Scale :	1/8" =	: 1'-0"
Drawing n ^o				Revision

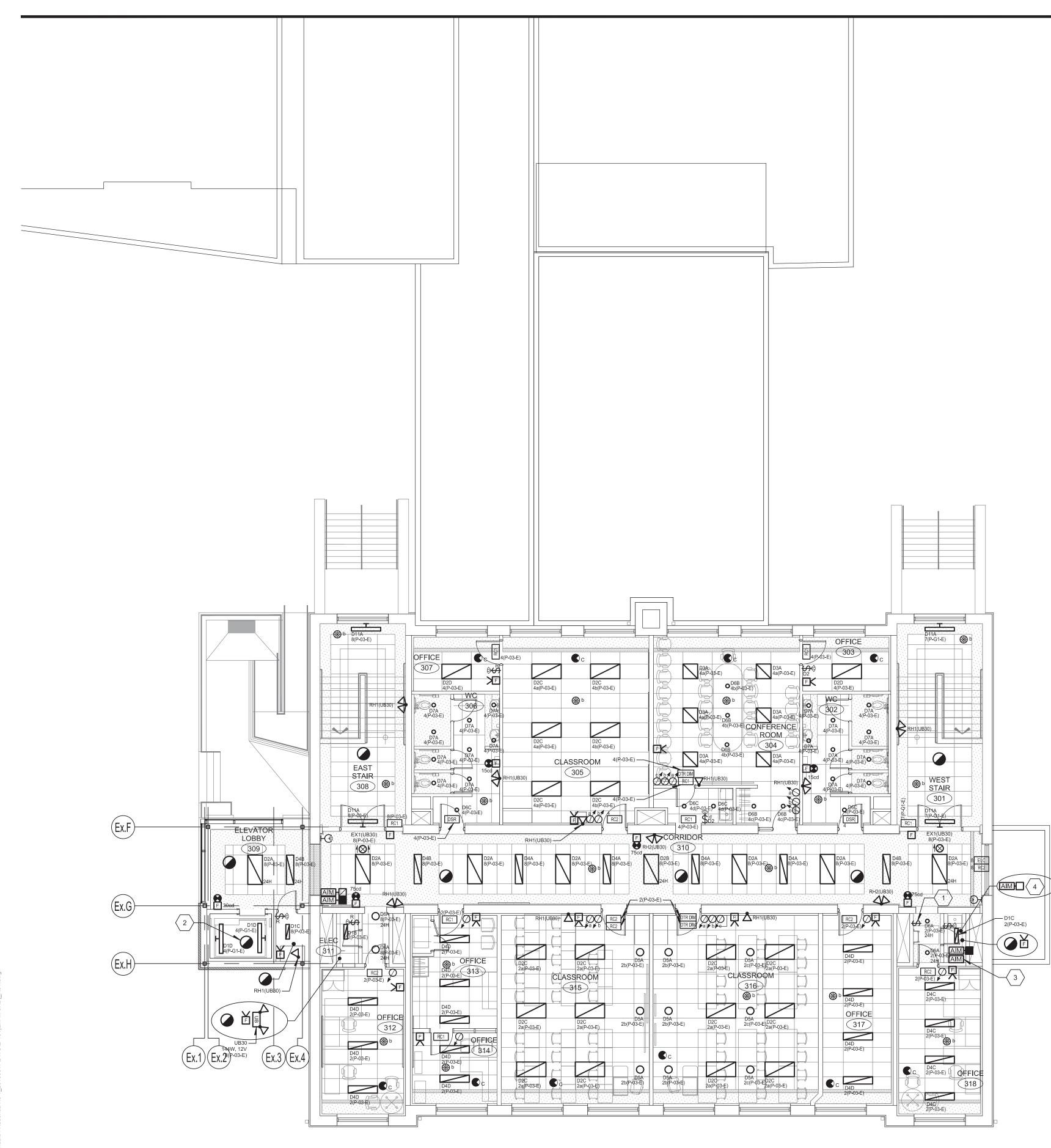
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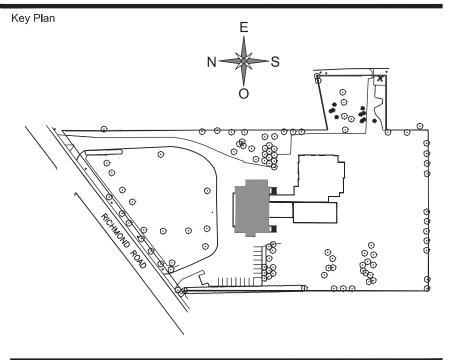


1- LIGHTING CONTROL:

IN ROOMS WITH DAYLIGHT SENSOR, FIXTURE SHALL DIM
ACCORDING TO AVAILABLE DAYLIGHT.
IN CORRIDORS, WASHROOMS AND STAIRS LIGHTING IS
CONTROLLED TROUGHT OCCUPANCY SENSOR.
IN TECHNICAL ROOMS, STORAGE AND OTHER ROOM LIGHTING IS
CONTROLLED TROUGHT OCCUPANCY SENSOR. IN OTHER ROOMS
LIGHTING IS CONTROLLED TROUGHT A SWITCH AND A OCCUPANCY
SENSOR. (MANUAL ON/AUTO OFF)

IDENTIFICATION(S):

- $\left< 1 \right>$ SWITCH FOR ATTIC LIGHTING INSTALLED NEAR LADDER.
- 2 LOCATED IN THE TOP OF ELEVATOR SHAFT. INSTALL A REMOTE TEST CONNECTION IN THE LOBBY NEAR THE ROOF.
- $\left< 3 \right>$ FOR DRY PIPE SYSTEM.
- $\langle 4 \rangle$ Low temperature module potter "RTS".





Nº Date

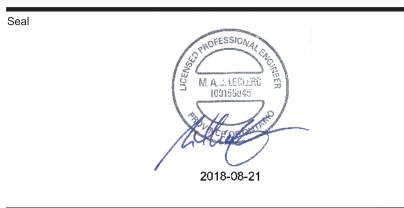
- Description
- 0 2018-07-25 FOR TENDER

1 2018-08-20 FOR ADDENDUM #1





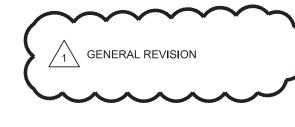
Structure



Project MAISON DE DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA

ELECTRICAL - MULTIDISCIPLINARY THIRD FLOOR NEW LAYOUT

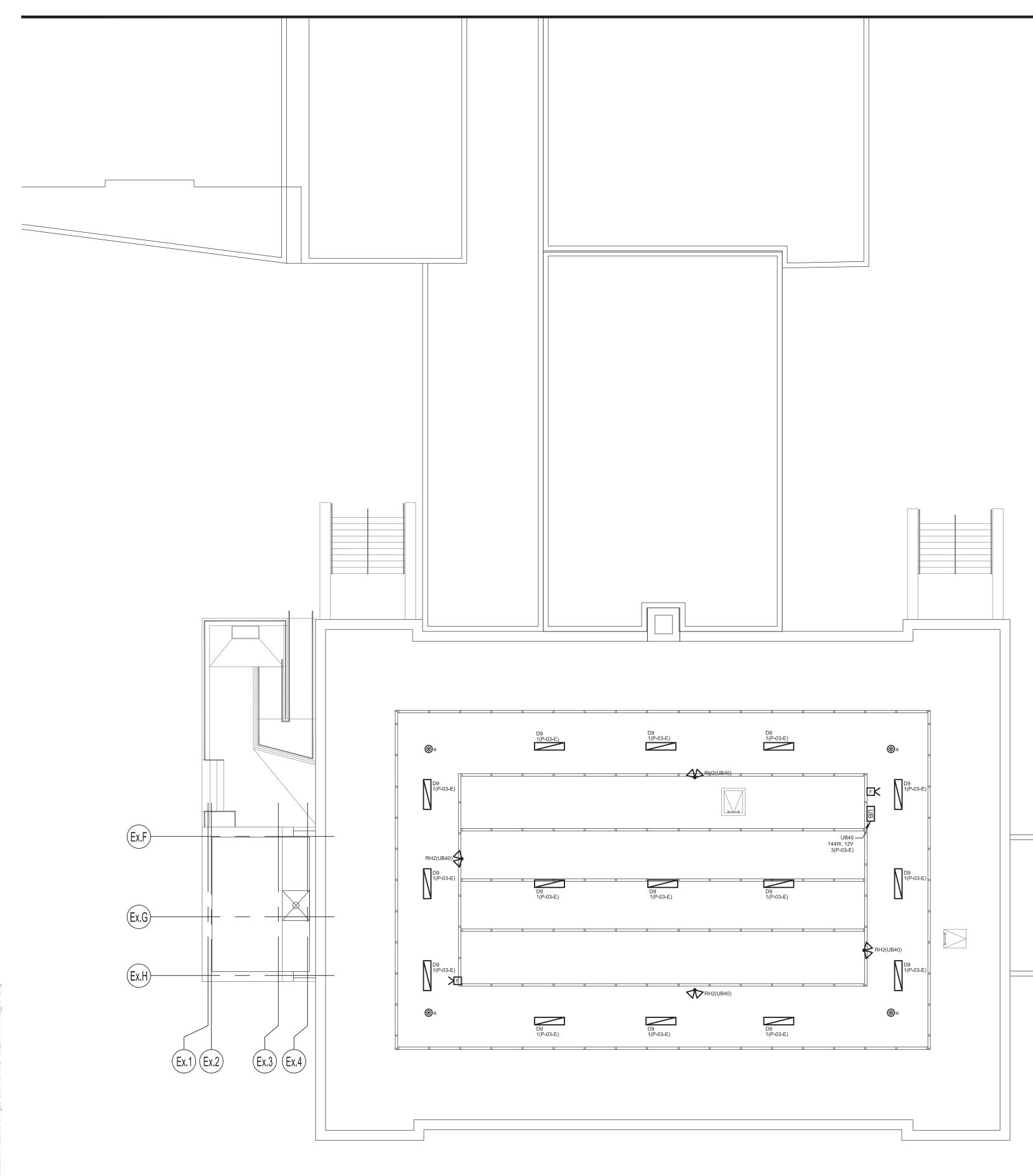
Drawn by :	F.BR.	Project n°:	7342-001-000
 Design by :	J.RI.	Date :	2018-07-06
Verified by :	M.LE.	Scale :	1/8" = 1'-0"
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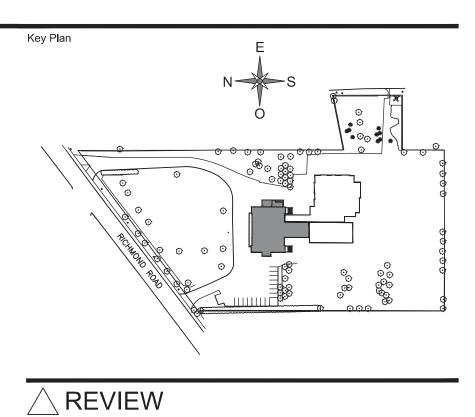


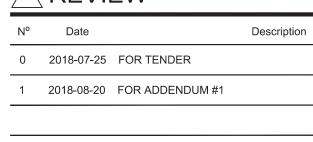
THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OR INSTALLATION PURPOSES.









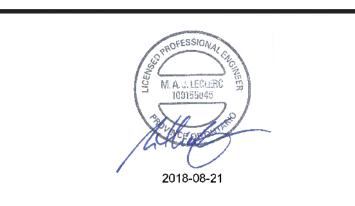






Structure

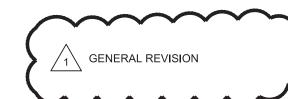
Seal



Project MAISON DE DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA

ELECTRICAL - MULTIDISCIPLINARY ATTIC SPACE NEW LAYOUT

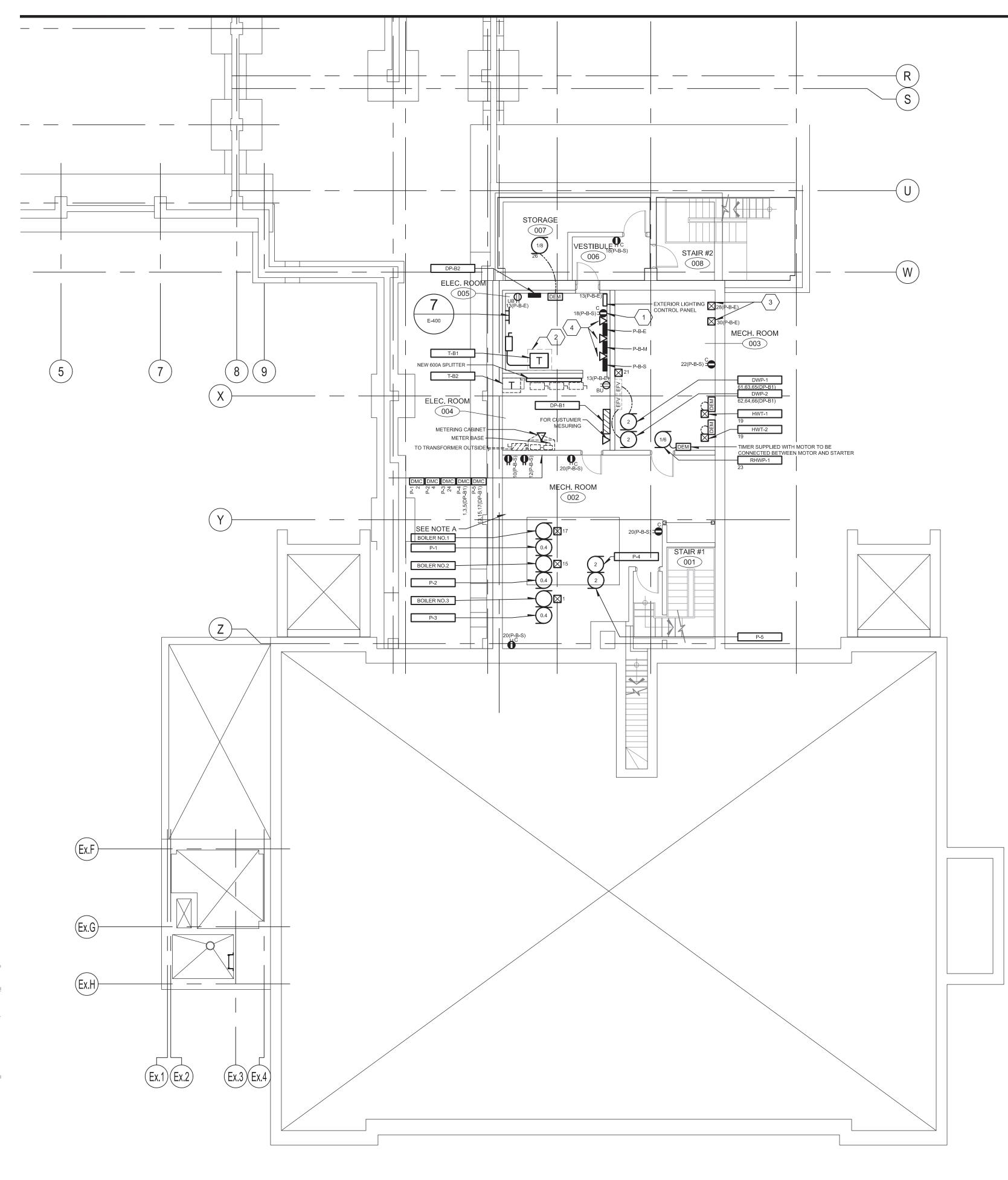
Drawn by :	F.BR.	Project n°:	7342-001-000
Design by :	J.RI.	Date :	2018-07-06
Verified by :	M.LE.	Scale :	1/8" = 1'-0"
Drawing n⁰			Revision



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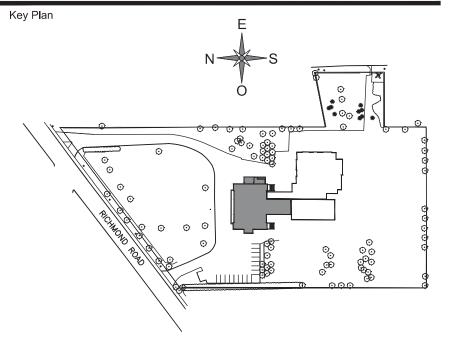


1- UNLESS OTHERWISE NOTED, ALL ELECTRICAL SERVICES ARE FED BY THE P-B-M PANEL.

A- NEW GROUND CONNECTION ON MAIN WATER PIPE.

IDENTIFICATION(S):

- $\left< 1 \right>$ INTERMATIC MODEL ET 9000 WITH ETHERNET.
- 2 TRANSFORMER PAD BY GENERAL CONTRACTOR TO BE VALIDATED BY A STRUCTURAL ENGINEER.
- $\left< 3 \right>$ provide empty canal until unit.
- $\langle 4 \rangle$ FOR CUSTUMER MESURING.



Description

Nº Date

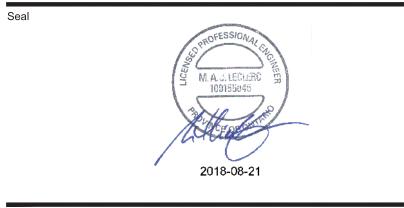
0 2018-07-25 FOR TENDER

1 2018-08-20 FOR ADDENDUM #1

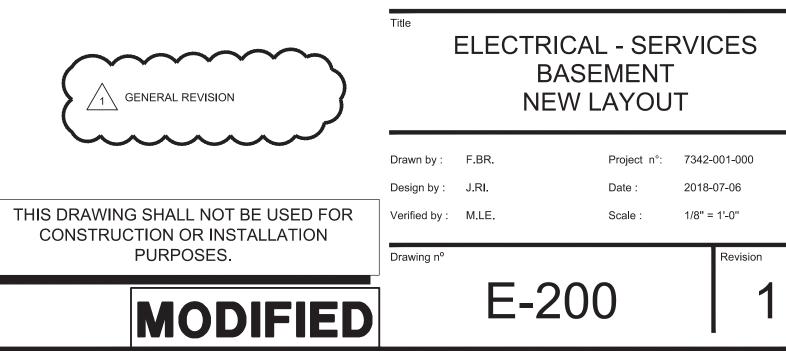


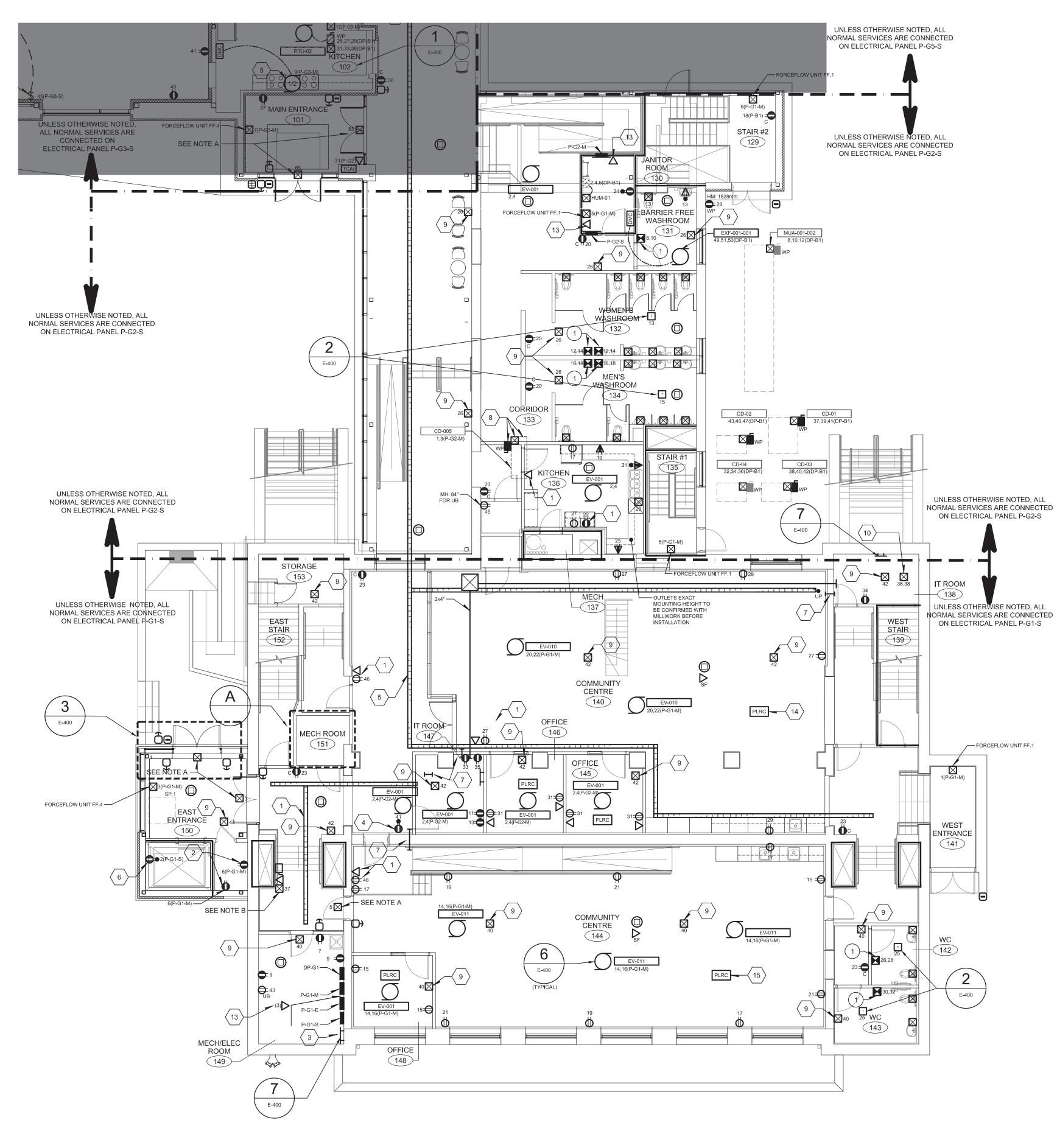


Structure

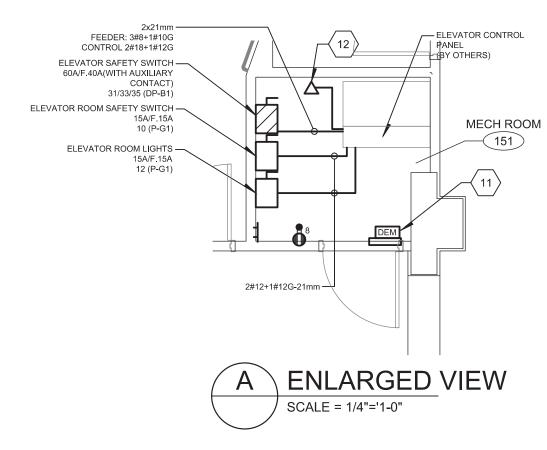


Project MAISON DE DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA





GROUND FLOOR - SOUTH



GENERAL NOTE(S):

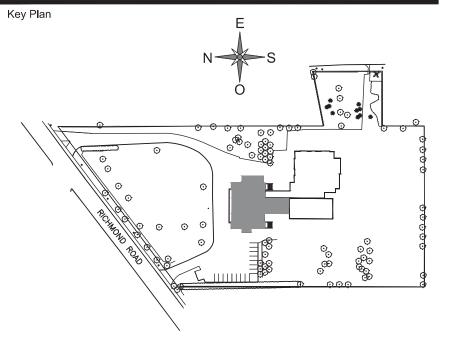
- 1- ALL WIRING DEVICES INSTALLED ON EXISTING WALL TO BE SURFACE MOUNTED UNLESS OTHERWISE SPECIFIED.
- 2- SEE ELECTRICAL PANELS FOR ALL MECHANICAL EQUIPMENT CIRCUIT INFORMATION.
- 3- INSTALL A SAFETY SWITCH FOR ALL EV UNITS INSTALLED IN THE CEILING SPACE.
- 4- ALL THE ELECTRICAL SERVICES IN THE HATCHED ZONE ARE SHOWN ON THE DRAWING E-202.

SPECIFIC NOTE(S):

- A- JUNCTION BOX IN CEILING SPACE FOR AUTOMATIC DOOR SYSTEM C/W CONDUIT AND PUSH BUTTONS. INSTALL A TEMPORIZED RELAY ON AUTOMATIC DOORS. COORDINATE EXACT LOCATION OF THE PUSH BUTTONS WITH ARCHITECT.
- B- FUSED DISCONNECT WITH AUXILIARY CONTACT FOR HANDICAP LIFT CONNECTION. COORDINATE EXACT LOCATION ON SITE. PROVIDE TWO(2) #14 AWG CONDUCTORS AND A GROUND CONDUCTOR BETWEEN THE FUSED DISCONENCT CONTACT AND THE CONNECTION BOX.

IDENTIFICATION(S):

- $\left(1 \right)$ COORDINATE EXACT HEIGHT AND LOCATION WITH OWNER.
- 2 FOR SUMP PUMP 1 (SP.1). ONE OUTLET FOR SP.1 AND ONE FOR ALARM PANEL.
- INSTALL AN ELECTRICAL OUTLET FOR WATER FOUNTAIN AT
- $\begin{pmatrix} 4 \\ 4 \end{pmatrix}$ INSTALL AN ELECTRICAL OUTLETTOR WATER, COMMON AFF.
- 5 TWO (2) NEW CABLE TRAYS MODEL CF 150/150 FROM LEGRAND. INSTALL THE CABLE TRAYS ONE OVER THE OTHER.
- $\fbox{6} \qquad \text{OUTLET TO BE INSTALLED IN ELEVATOR PIT. COORDINATE EXACT LOCATION WITH ELEVATOR CONTRACTOR FOR EASY ACCES.}$
- $\overline{7}$ TWO (2) 4" SLEEVES.
- $\left< \frac{8}{8} \right>$ EQUIPMENTS INSTALLED ON ROOF.
- 9 CIRCUIT IN CEILING SPACE RESERVED FOR CONTROL EQUIPMENT. COORDINATE CONNECTIONS AND LOCATION ON SITE WITH DIVISION 25.
- $\langle 10 \rangle$ CIRCUITS RESERVED FOR TELECOM EQUIPMENT.
- CONNECT THE EVAPORATOR TO OUTSIDE CONDENSER CD-005 WITH 2#12(POWER) AND 4#12 (CONTROL).
- $\langle 12 \rangle$ TELEPHONE LINE FOR ELEVATOR.
- (13) FOR CUSTUMER MESURING.
- (14) PLUG LOAD ROOM CONTROLLER TO CONTROL CIRCUIT #27.
- 15 PLUG LOAD ROOM CONTROLLER TWO(2) MODULE TO CONTROL CIRCUIT #19 AND #21.



Description

- Nº Date
- 0 2018-07-25 FOR TENDER
- 1 2018-08-20 FOR ADDENDUM #1





Structure

Seal

Project

2018-08-21

DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA

ELECTRICAL - SERVICES
GROUND FLOOR
NEW LAYOUT

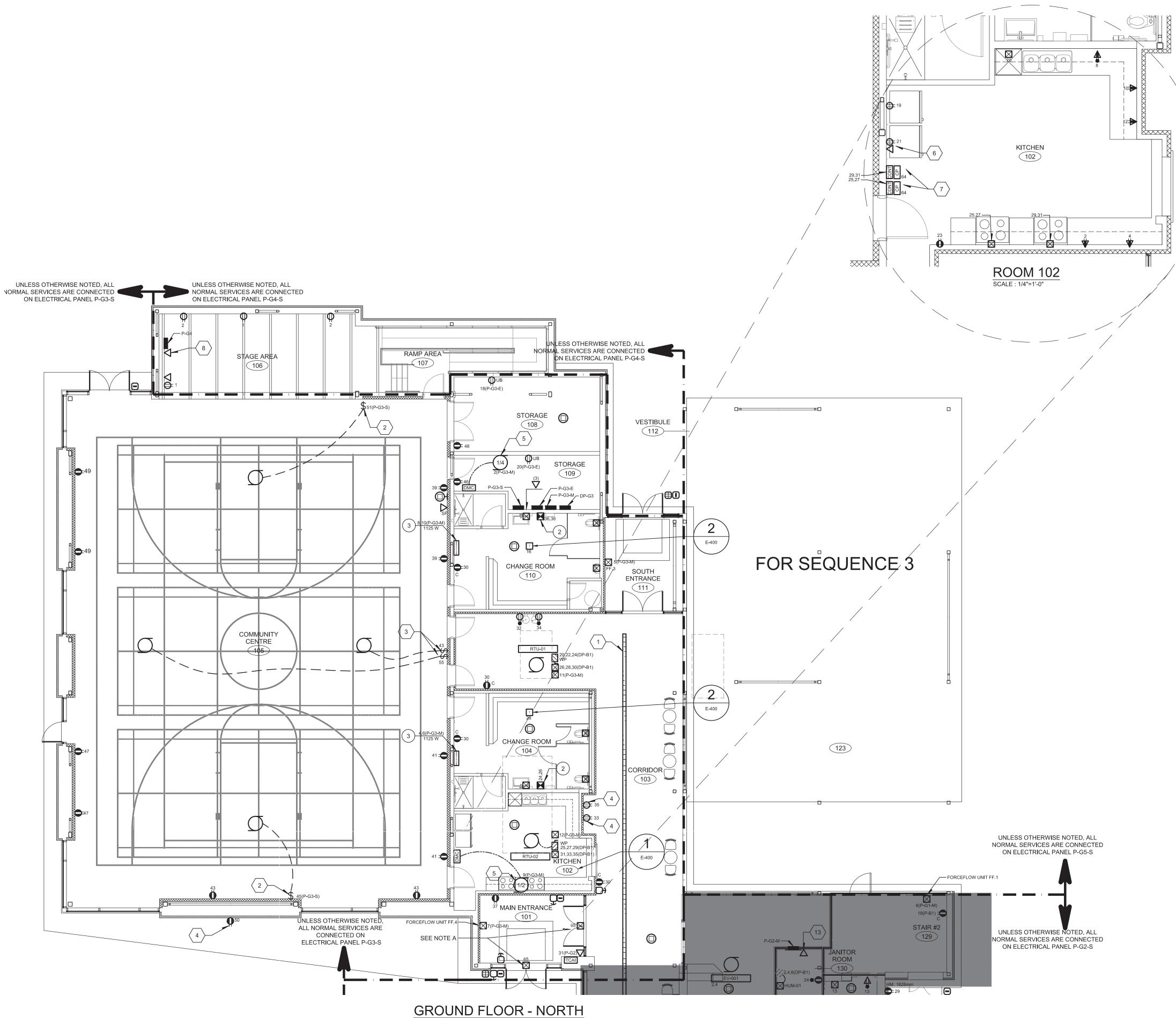
Drawn by :	F.BR.	Project n°:	7342-	001-000
 Design by :	J.RI.	Date :	2018-	07-06
Verified by :	M.LE.	Scale :	1/8" =	: 1'-0''
Drawing n ^o				Revision



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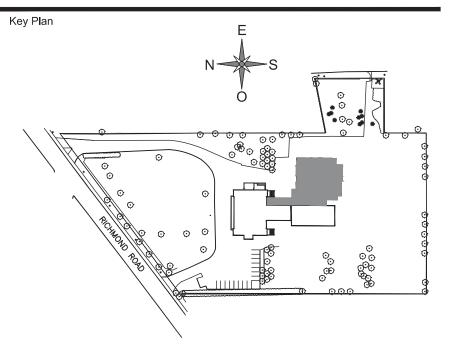
- 1- ALL CONDUITS TO BE CONCEALED UNLESS OTHERWISE SPECIFIED.
- 2- EXISTING RECESSED ELECTRICAL COMPONENTS (SWITCHES AND RECEPTACLES) TO BE REPLACED AND REWIRED UP TO SOURCE.
- 3- PROVIDE TAMPER RESISTANT PLUGS IN THE DAYCARE AREAS.
- 4- ALL THE ELECTRICAL SERVICES IN THE HATCHED ZONE ARE SHOWN ON THE DRAWING E-201.

SPECIFIC NOTE(S):

A- JUNCTION BOX IN CEILING SPACE FOR AUTOMATIC DOOR SYSTEM C/W CONDUIT AND PUSH BUTTONS. INSTALL A TEMPORIZED RELAY ON AUTOMATIC DOORS. COORDINATE EXACT LOCATION OF THE PUSH BUTTONS WITH ARCHITECT.

IDENTIFICATION(S):

- TWO(2) NEW CABLE TRAYS CF 150/150 FROM LEGRAND. INSTALL CABLES TRAY ONE OVER THE OTHER.
- 2 PROVIDE POWER TO KEY OPERATED BASKET LIFT MOTOR. (120V)
- 3 PROVIDE POWER TO KEY OPERATED DIVIDER (120V) AND A LOCKABLE PLASTIC COVER.
- 4 INSTALL OUTSIDE RECEPTACLE FOR FUTURE SIGN. HEIGHT TO BE DETERMINED ON SITE.
- 5 ELECTRICAL CONNECTION FOR FAN ON THE ROOF.
- 6 COORDINATE EXACT HEIGHT AND LOCATION WITH OWNER. PLUG IS APPROXIMATIVELY AT 72" AND DATA AT 60" FROM THE FLOOR.
- 7 SEE KITCHEN DETAIL.
- $\langle 8 \rangle$ For custumer mesuring.



Description

REVIEW

N° Date

0 2018-07-25 FOR TENDER

1 2018-08-20 FOR ADDENDUM #1



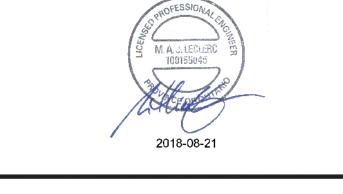


Structure

Seal

Project

Title



MAISON DE DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA

ELECTRICAL - SERVICES GROUND FLOOR NEW LAYOUT

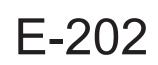
Drawn by :	F.BR.	Project n°:	7342-	001-000
 Design by :	J.RI.	Date :	2018-	07-06
Verified by :	M.LE.	Scale :	1/8" =	: 1'-0''
Drawing nº				Revision

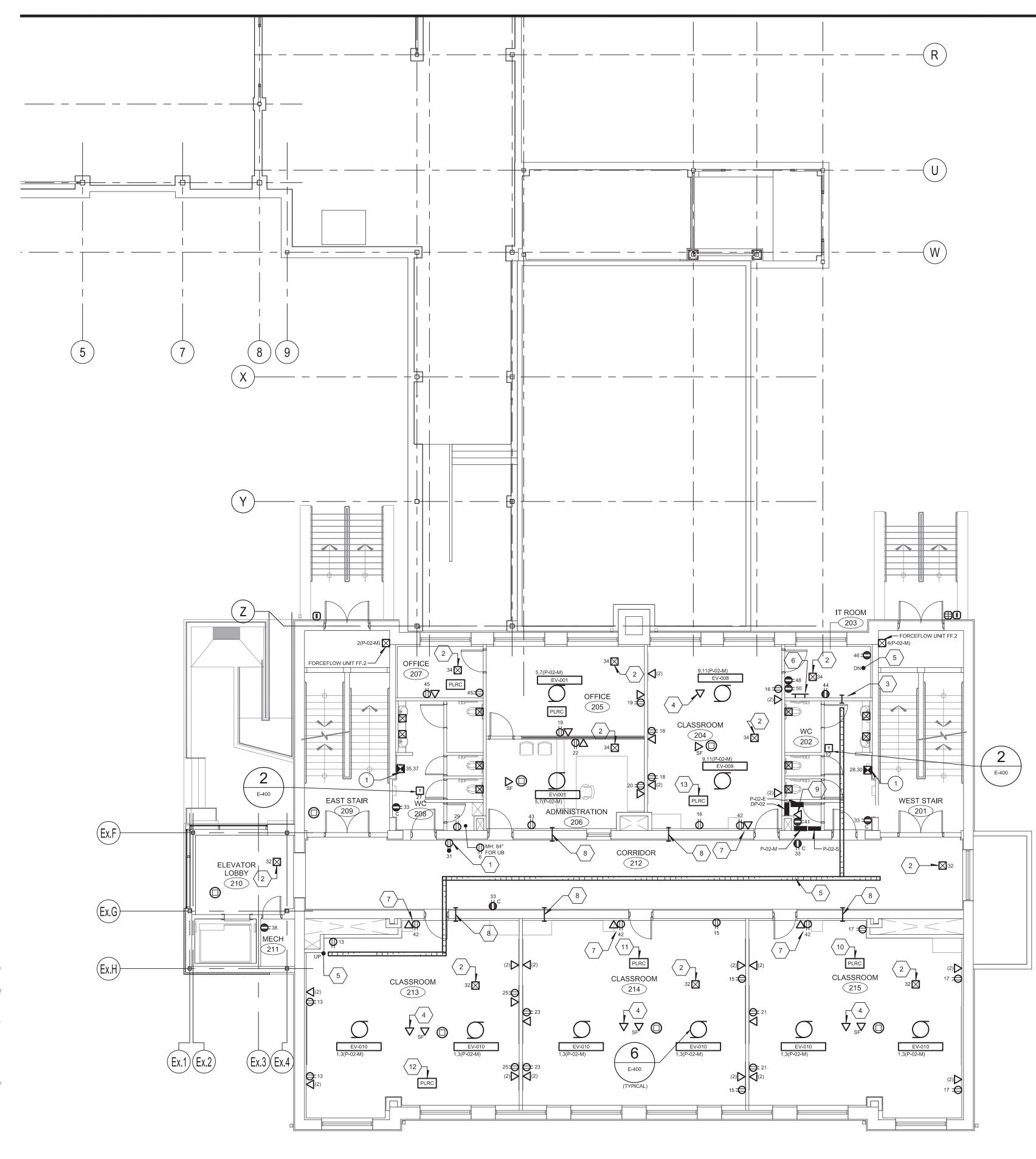
1 GENERAL REVISION

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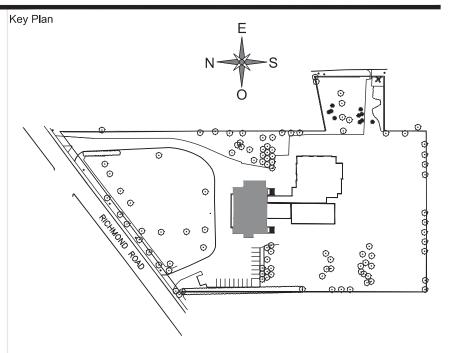


GENERAL	NOTE(S):

- 1- ALL WIRING DEVICES INSTALLED ON EXISTING WALL TO BE SURFACE MOUNTED UNLESS OTHERWISE SPECIFIED.
- 2- UNLESS OTHERWISE NOTED, ALL NORMAL SERVICES ARE CONNECTED ON ELECTRICAL PANEL P-02-S.
- 3- SEE ELECTRICAL PANEL FOR ALL MECHANICAL EQUIPMENT CIRCUIT INFORMATION.
- 4- ONLY ONE CONTROL TRANSFORMER TO BE INSTALLED IN ROOMS WITH MULTIPLE HCC UNITS (REFER TO MECHANICAL DRAWING FOR EXACT LOCATIONS OF HCC UNITS).
- 5- CONTROL WIRING BETWEEN CONDENSER UNITS AND EVAPORATORS TO BE PROVIDED AND INSTALLED BY DIVISION 26.
- 6- INSTALL A SAFETY SWITCHES FOR ALL EV UNITS INTO CEILING SPACE.

IDENTIFICATION(S):

- 1 INSTALL AN ELECTRICAL OUTLET FOR WATER FOUNTAIN AT 16"(400mm) AFF.
- 2 CIRCUIT IN CEILING SPACE RESERVED FOR CONTROL EQUIPMENT. COORDINATE CONNECTIONS AND LOCATION ON SITE WITH DIVISION 25.
- $\left< 3 \right>$ 4" FIRESTOP SLEEVE.
- 4 DATA PLUG IN CEILING SPACE.
- 5 TWO (2) NEW CABLE TRAYS MODEL CF 150/150 FROM LEGRAND. INSTALL CABLES TRAY ONE OVER THE OTHER.
- 6 CONNECT THE CABLE TRAY TO THE GROUND BAR WITH A 12 GREEN CONDUCTOR.
- COORDINATE EXACT HEIGHT AND LOCATION WITH OWNER. PLUG IS APPROXIMATIVELY AT 72" FROM THE FLOOR AND DATA AT 60".
- $\left< 8 \right>$ 2" SLEEVE.
- $\left< 9 \right>$ FOR CUSTUMER MESURING.
- $\langle 10 \rangle$ PLUG LOAD ROOM CONTROLLER TO CONTROL CIRCUIT #17.
- $\langle 11 \rangle$ PLUG LOAD ROOM CONTROLLER TO CONTROL CIRCUIT #15.
- 12 PLUG LOAD ROOM CONTROLLER TO CONTROL CIRCUIT #25.
- 13 PLUG LOAD ROOM CONTROLLER TWO MODULE TO CONTROL CIRCUIT #16 AND #18.



Description



 N°
 Date

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 2018-07-25
 FOR TENDER

1 2018-08-20 FOR ADDENDUM #1





Structure

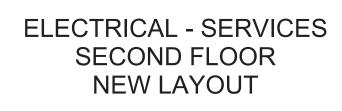
Seal

Project

Title

M.A.J. LECLERC 100155045 2018-08-21

MAISON DE DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA



Drawn by :	F.BR.	Project n°:	7342-001-000
 Design by :	J.RI.	Date :	2018-07-06
Verified by :	M.LE.	Scale :	1/8" = 1'-0"
Drawing n ^o			Revision

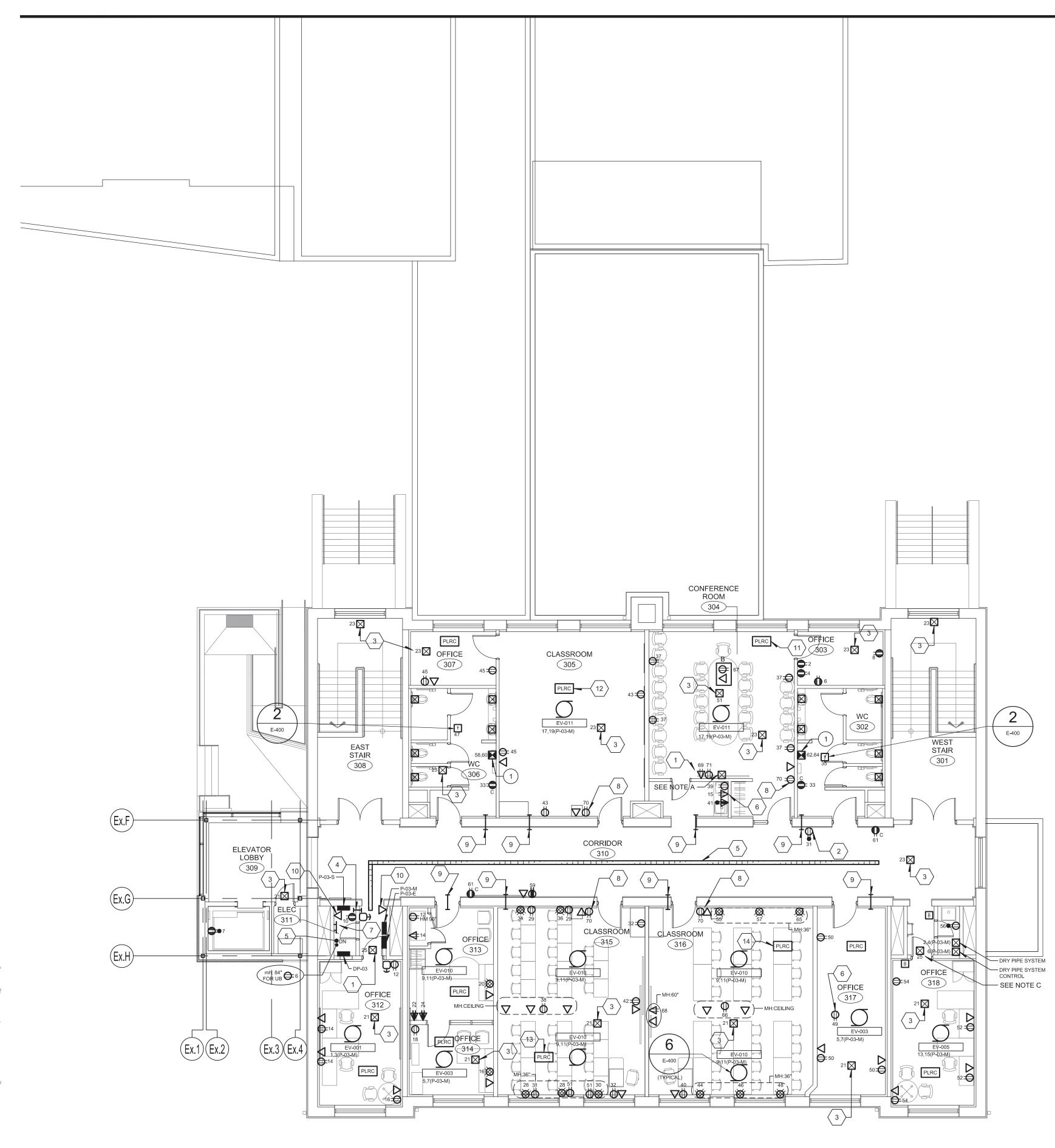


THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OR INSTALLATION PURPOSES.





evision



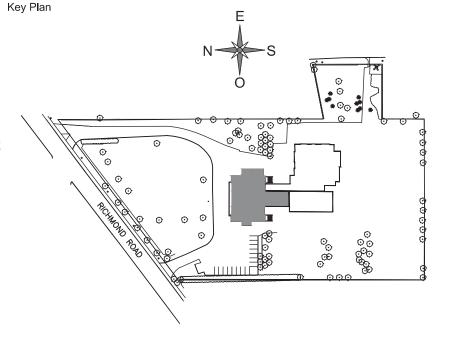
- 1- UNLESS NOTED OTHERWISE, ALL NORMAL SERVICES ARE CONNECTED ON ELECTRICAL PANEL P-03-S.
- 2- SEE ELECTRICAL PANEL FOR ALL MECHANICAL EQUIPMENT CIRCUIT INFORMATION.
- 3- INSTALL A SAFETY SWITCHES FOR ALL EV UNITS IN CEILING SPACE.
- 4- ALL WIRING DEVICES INSTALLED ON EXISTING WALL TO BE SURFACE MOUNTED UNLESS OTHERWISE SPECIFIED.

SPECIFIC NOTE(S):

- A- NEW 6"x6"x2" BOX BEHIND THE TV. EXACT LOCATION TO BE DETERMINED ON SITE. PROVIDE ONE 27mm CONDUIT TO THE FLOOR BOX AND ONE 41mm CONDUIT TO ANOTHER NEW 6"x6"x2" WALL BOX AT 6" FROM THE FLOOR. PROVIDE AN ACCESS DOOR TO COVER IT (EXEMPLE AHD FROM CENDREX). EXACT LOCATION OF THAT BOX TO BE DETERMINED ON SITE.
- B- NEW POKE THROUGH FLOOR BOXES WITH TWO REGULAR DUPLEX PLUGS AND TWO DECORA COMMUNICATION OPENINGS. #470-6-8-33-XX FROM WELLMARK.
- C- JUNCTION BOX IN CEILING SPACE FOR AUTOMATIC DOOR SYSTEM C/W CONDUIT AND PUSH BUTTONS. FOR REQUIRED ACCESSIBILITY COORDINATE EXACT LOCATION WITH ARCHITECT. MOUNTED HEIGHT OF PUSH BUTTONS IS 40" ABOVE FLOOR.

IDENTIFICATION(S):

- NISTALL THE PLUG BEHIND THE TV. EXACT LOCATION TO BE DETERMINED ON SITE.
- 2 INSTALL AN ELECTRICAL OUTLET FOR WATER FOUNTAIN AT 16"(400mm) AFF.
- 3 CIRCUIT IN CEILING SPACE RESERVED FOR CONTROL EQUIPMENT. COORDINATE CONNECTIONS AND LOCATION ON SITE WITH DIVISION 25.
- $\begin{pmatrix} 4 \end{pmatrix}$ 4" FIRESTOP SLEEVE.
- 5 TWO(2) NEW CABLE TRAYS MODEL CF 150/150 FROM LEGRAND. INSTALL CABLE TRAYS ONE OVER THE OTHER.
- $\langle 6 \rangle$ COORDINATE EXACT HEIGHT AND LOCATION WITH OWNER.
- $\left< \frac{7}{7} \right>$ CONNECT THE CABLE TRAY TO THE GROUND BAR WITH A 12 AWG
- _____ GREEN CONDUCTOR. 8 COORDINATE EXACT HEIGHT AND LOCATION WITH OWNER. PLUG IS -APPROXIMATIVELY AT 72" FROM THE FLOOR AND DATA AT 60".
- $\left< \frac{9}{9} \right> 2"$ SLEEVE.
- $\left< \frac{10}{10} \right>$ FOR CUSTUMER MESURING.
- $\langle 11 \rangle$ PLUG LOAD ROOM CONTROLLER TO CONTROL CIRCUIT #37
- $\langle 12 \rangle$ PLUG LOAD ROOM CONTROLLER TO CONTROL CIRCUIT #43
- PLUG LOAD ROOM CONTROLLER FIVE MODULE TO CONTROLCIRCUIT #26,28,30,34,36.
- PLUG LOAD ROOM CONTROLLER SIX MODULE TO CONTROLCIRCUIT #44,46,48,55,57,65.



Description

- Nº Date
- 0 2018-07-25 FOR TENDER
- 1 2018-08-20 FOR ADDENDUM #1



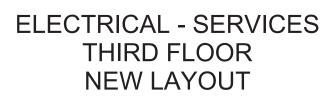


Structure

Seal

2018-08-21 Project MAISON DE

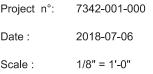
DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA



	Drawn by :	F.BR.
	Design by :	J.RI.
OT BE USED FOR	Verified by :	M.LE.
S.	Drawing nº	

Title





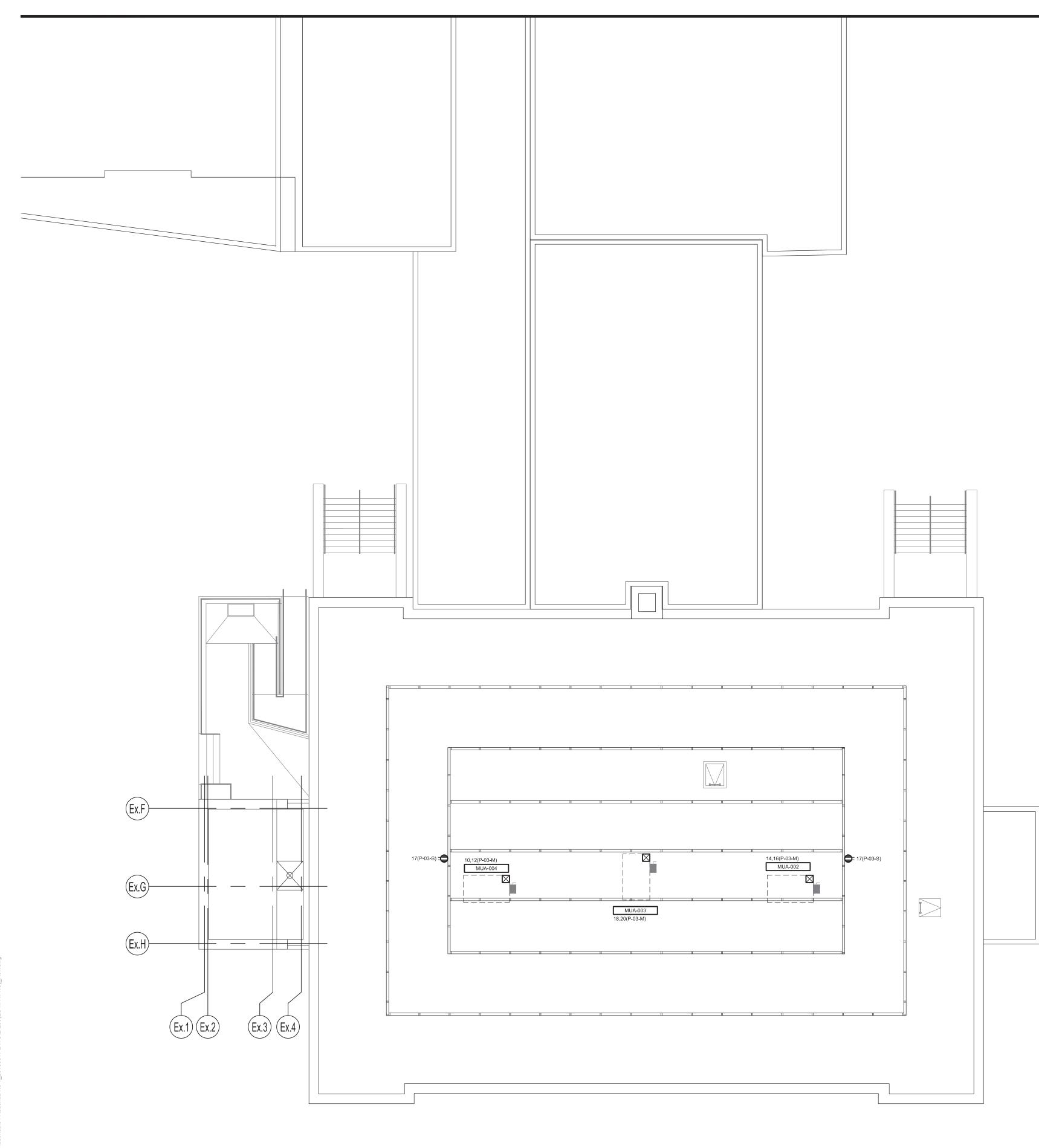
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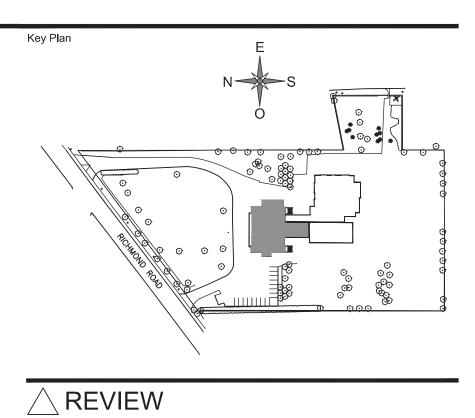
GENERAL REVISION $\overline{}$

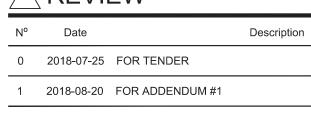
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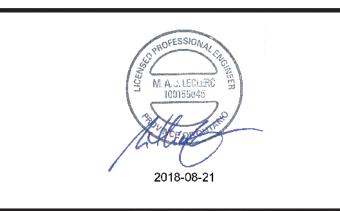




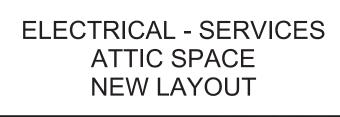


Seal

Title



Project MAISON DE DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA



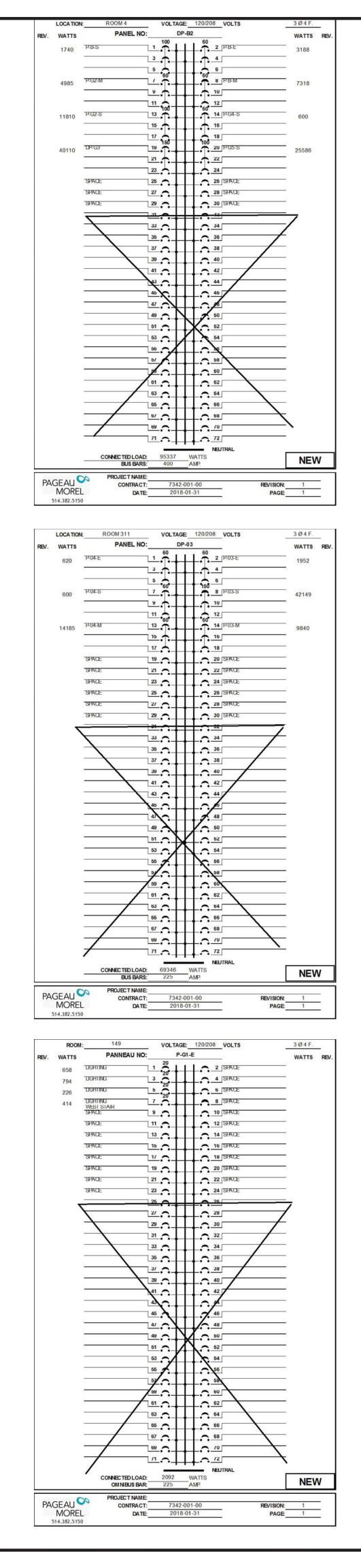
Drawn by :	F.BR.	Project n°:	7342-	001-000
Design by :	J.RI.	Date :	2018-	07-06
Verified by :	M.LE.	Scale :	1/8" =	: 1'-0"
Drawing n⁰				Revision

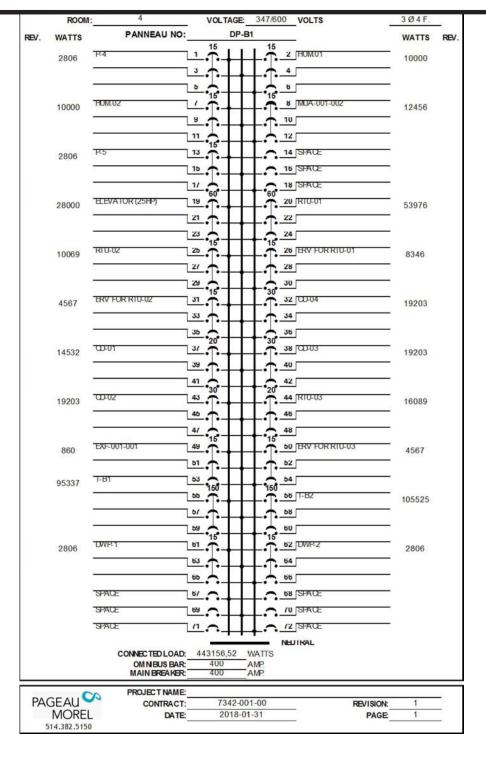


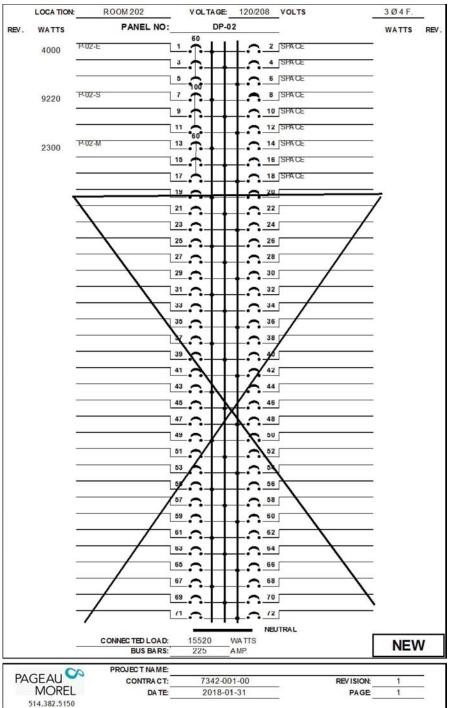
THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OR INSTALLATION PURPOSES.

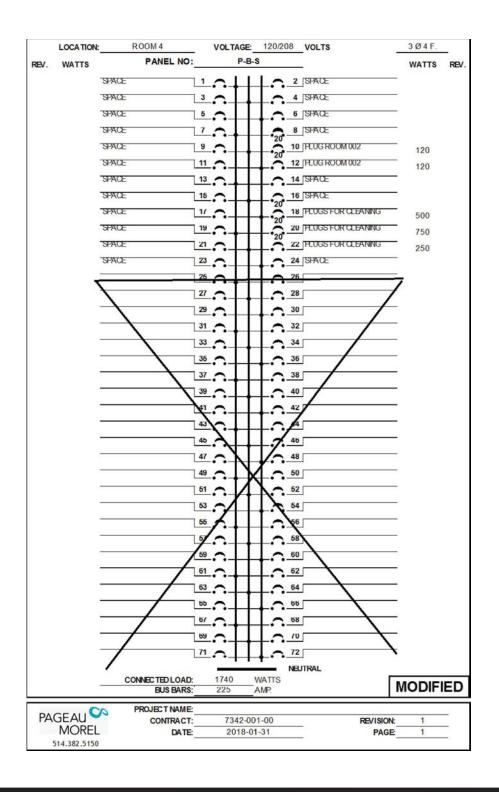


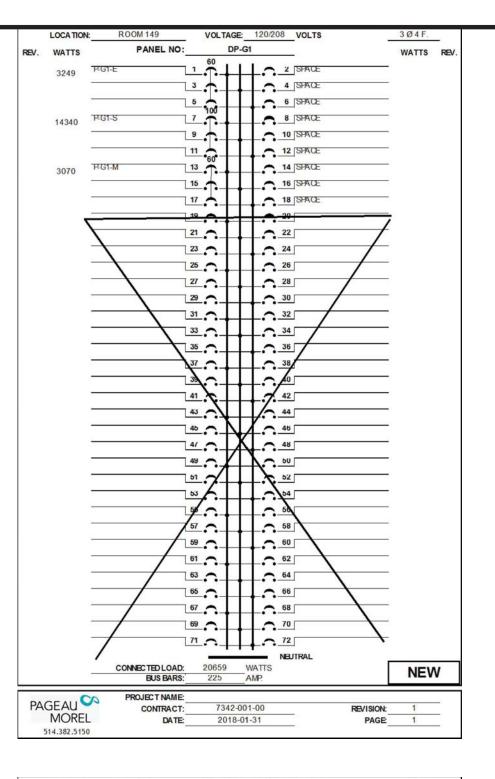


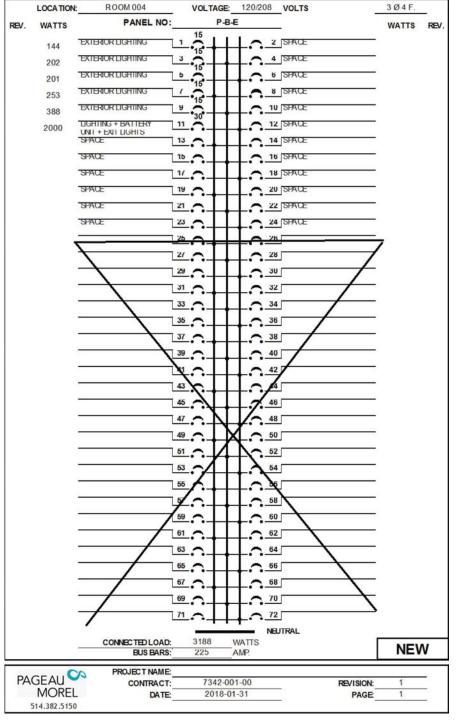


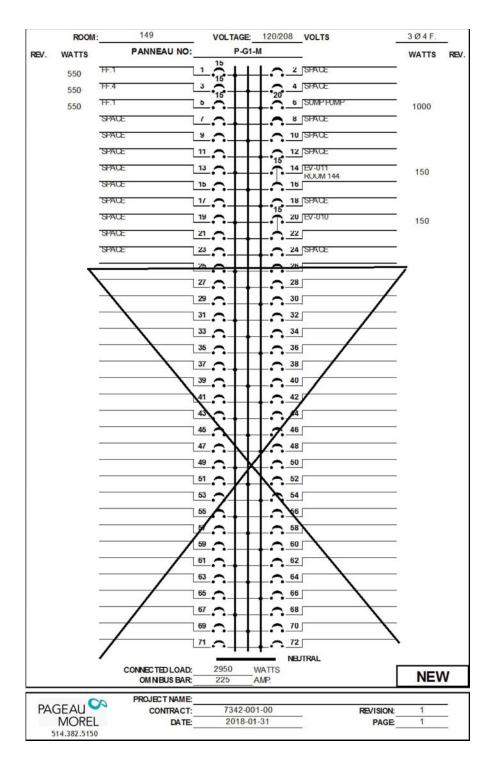


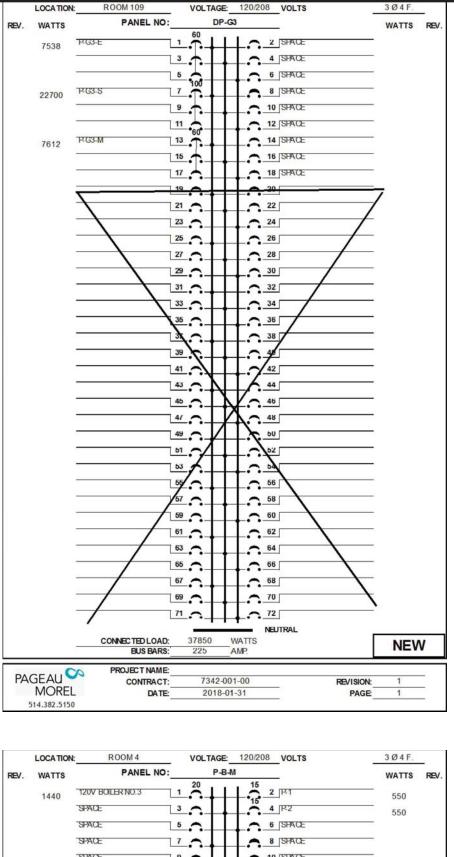


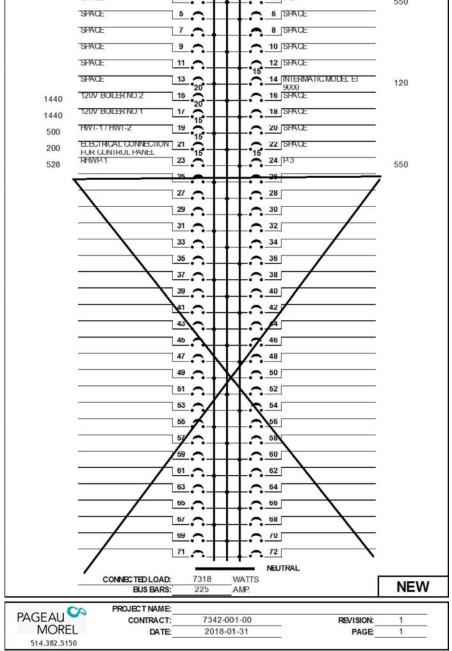


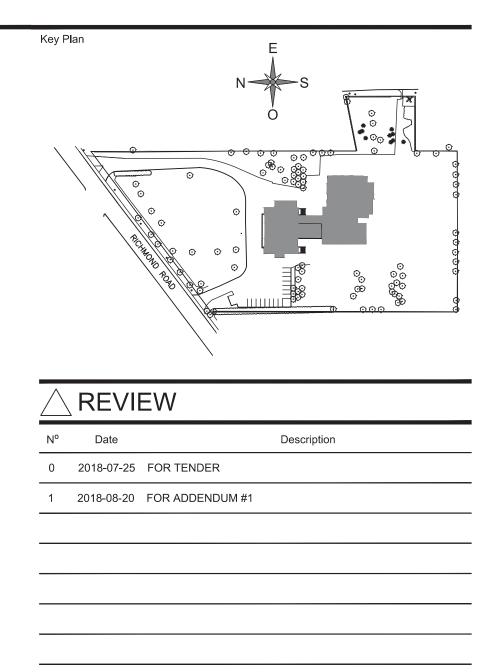








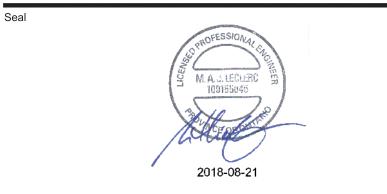






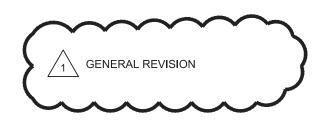


Structure



DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA

ELECTRICAL PANELS



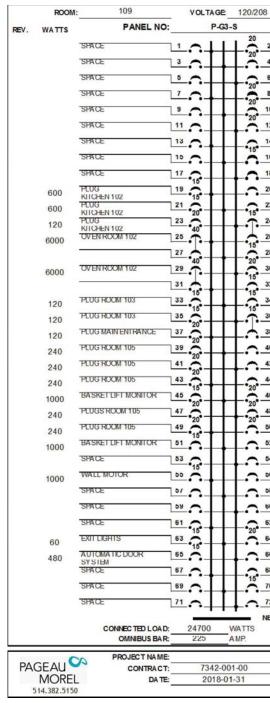
Drawn by :	V.G.C.	Project n°:	7342-001-00
Design by :	J.RI.	Date :	2018-07-06
Verified by :	M.LE.	Scale :	N.T.S
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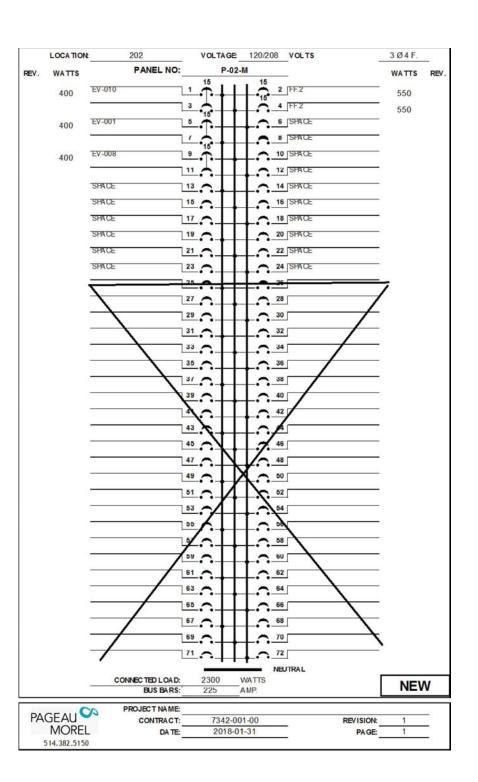
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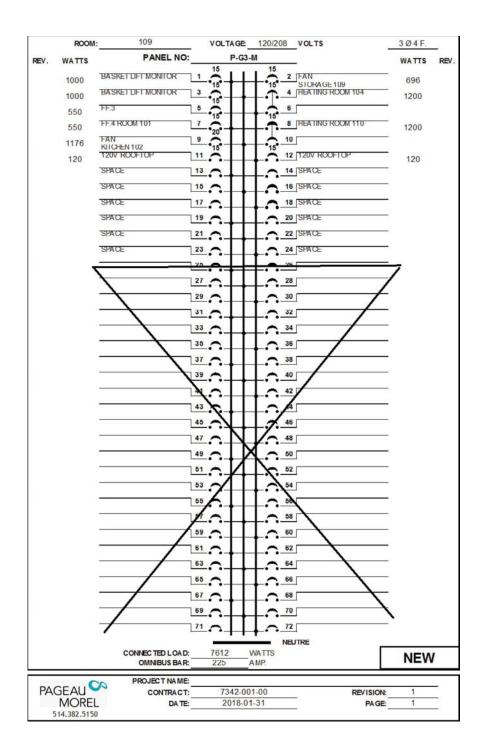
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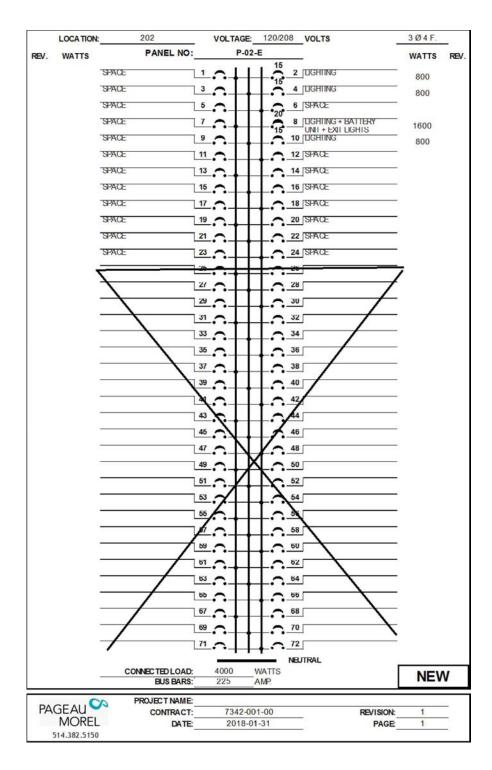
	ROOM	1: 130 VOLTAGE: 120/208 VOLTS	3Ø4F.
		PANEL NO: P-G2-M	
REV.	WATTS	30 15	WATTS REV.
	3765		ROOM 133 120
	550		550
		SPACE 7 . 8 SPACE	
		SPACE 9 10 SPACE	
		SPACE 11 . 12 SPACE	
		SPACE 13 14 SPACE	
			S
		SPACE 21 22 SPACE	B
	-	25 26 26	
		29 0 30	
		33 34 34	
		35 36	5
		NEUTRAL	
		CONNECTED LOAD: 4985 WATTS	
		BUS BARS: 225A AMP.	NEW
5.7		PROJECT NAME:	
PA	GEAU	CONTRACT: 7342-001-00	REVISION: 1
	MOREI 514.382.515	DATE: 2018-01-31	PAGE: 1





	ROOM	: 149		VOLTAGE	120/208	VOLTS	3Ø4F.	
REV.	WATTS	PANNEAU NO:		P-G	-S		WATTS	REV
	720	DOOR OPENER	11			SPACE		
	720	DOOR OPENER	3	20		ELEVATOR PI	120	
		DOOR OPENER	1 5	20	20 6			
	720	PLUG ROOM 149		20*	*20*	PLUG ROOM 151	1000	
	120	PLUGS ROOM 149		20	•15°	SAFETY SWICH	120	
	240			20*	15	ROOM 151	120	
	120	PLUG ROOM 147		20*	15	2 ELEVATOR LIGHT ROOM 151	120	
	120	PLUG ROOM 147		15-		4 EV-011 ROOM 144	150	
	240	PLUGS ROOM 148	15	18	15	6		
	360	PLUGS ROOM 144	17	15		8 SPARE		
	360	PLUGS ROOM 144	19	15		0 EV-010	150	
	360	PLUGS ROOM 144	21	20		2		
	750	PEUGS ROOM 144	23	15		4 SPARE	<u> </u>	
	120	FLUSH VALVES AND	20 /	~		HAND DRY ER	1300	
	360	FAUCEIS RM 142&143 PLUGS ROOM 140	27		2	8		
	240	PLUGS ROOM 140	29	15	20 3	HANDDRYER	1300	
		PLUGS ROOM 145&146	31	15		2	1300	
	480	PLUG ROOM 147	33	20	*20*	4 PLOG ROOM 138		
	120	PLUG ROOM 147	35	20	15	6 SPARE CIRCUIT	120	
	120			15	15	ROOM 138	120	
	720	HANDICAPLIFT	37	•++	•15°	8 SPARE CIRCUII ROOM 138	120	
		SPACE		20*	•15°	O CONTROL	300	
	120	PLUG	41	• • •	15	2 CONTROL	300	
		SPACE	43	∩++	-•15 4	4_FF.1	550	
		SPACE	45	∩++		6 PLOGS	240	
		SPACE	47	$\sim + +$		8 FF.4	550	
		SPACE	49	$\sim + +$		0 FF.1	550	
		SPACE	01	$\sim \square$		ZSPACE		
		SPACE	53	$\sim \square$		4 SPACE		
		SPACE	55	~ 11	5	6 SPACE		
		SPACE	57	~ 11	5	8 SPACE		
		SPACE	59	$-\Pi$	6	0 SPACE		
		SPACE	61	$-\Pi$		2 SPACE		
		SPACE	63	.11		4 SPACE		
		SPACE	65			6 SPACE		
		SPACE	67	<u>.</u> #	-··	8 SPACE		
				<u>.</u> ++				
		SPACE	69	<u>-</u> ++		U SPACE		
		SPACE	71	$\sim + +$		2 SPACE		
		CONNECTED LOAD: OMNIBUS BAR:		4340 225	WATTS AMP.	EUTRAL	MODIFI	ED
		PROJECT NAME:						
PA	GEAU	CONTRACT:		7342-0	and the local data was been as a second data was a second data was a second data was a second data was a second		SION: 1	_
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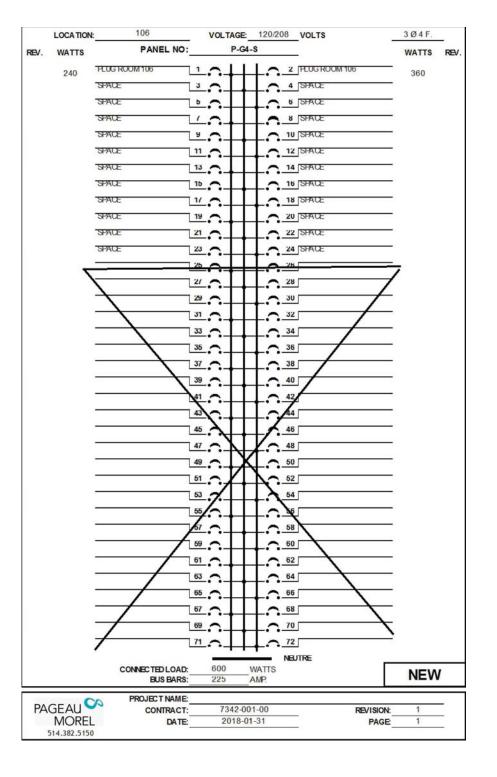




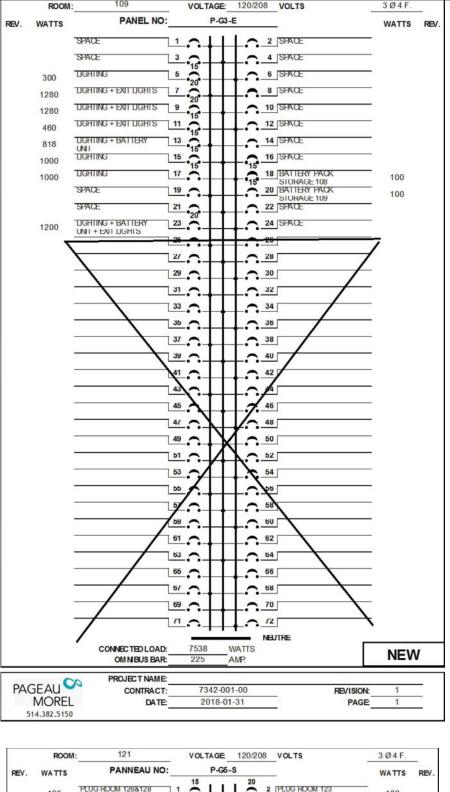
08 VOLTS	3Ø4F.	
	WATTS RE	v.
2 PLUG ROOM 102	120	
4 PLUG ROOM 102	120	
6 SPACE		
8 PLUG GH ROOM 102	120	
10 PLUG ROOM 102	120	
12 PLUG ROOM 102	120	
14 SPACE	120	
16 PLOG ROOM 110	120	
18 SPACE	120	
20 SPACE		
22 SPACE		
24 HAND DRY BR ROOM 104	1300	
26	1300	
28 PLUG ROOM 104	120	
30 PLUG ROOM 103, 104	120	
32 PLUG ROOM 103	1000	
34 PLUG ROOM 103	120	
36 HANDDRY BR	120	
38	1300	
40 SPACE		
42 SPACE		
44 SPACE		
46 PLUG STORAGE 109		
48 PLUG STORAGE 108	120	
	120	
50 PLUG	120	
52 SPACE		
54 SPACE		
06 SPACE		
08 SPACE		
60 SPACE		
62 SPACE		
64 CONTROL PANEL ROOM 102	240	
66 SPACE		
68 SPACE		
70 DISHWASHER ROOM 102	1000	
72 SPACE		
NEUTRE		
	NEW	
REVISION:		
PAGE:	1	

ROOM	130	VOLTAGE	120/208	VOLTS	3Ø4F.	
	PANEL NO:	P-G2-	s			
REV. WATTS					WATTS	REV.
	SPACE		<u>2</u>	SPACE		
	SPACE			SPACE		
	SPARE	5 15	15 20 6	SPARE		
	SPARE			HAND DRYER ROOM 131	1300	
	SPARE	19 13	20 10	[
	SPARE			HAND DRYER ROOM 132	2600	
300	FLUSH VALVE AND FAUCET ROOM 132		20 14	[
240	FLUSH VALVE AND FAUCET ROOM 134			HAND DRYER ROOM 134	2600	
600	PLUG ROOM 136	17 20	20 18	ſ		
120	PLUG ROOM 136	19 20		PLUGS FOR CLEANING	750	
120	PLUG ROOM 136	21 20		MICROWAVE ROOM 136	500	
1000	DISHWASHER ROOM 136	23 -20		PLUG ROOM 130	120	
120	PLUG ROOM 136	25 15	20	CONTROL	300	
120	PLUG ROOM 136			CIRCULATING PUMP	20	
	SPACE	29 15	•••	SPACE		
1000	TCAI	31	- <u>·· ³²</u>	SPACE		
	SPACE	33		JSPACE		
	SPACE	35	T ··	SPACE		
	SPACE	37	+••	SPACE		
	SPACE			SPACE		
	SPACE			SPACE		
			NEU	TRAL		
	CONNECTED LOAD:	11810	NATTS			
	BUS BARS:		AMP.	Г		
					NEW	
PAGEAU	PROJECT NAME:		4.00			-
MOREL	CONTRACT:			REVISION:	1	-
514.382.5150		2018-01	-31	PAGE	1	-

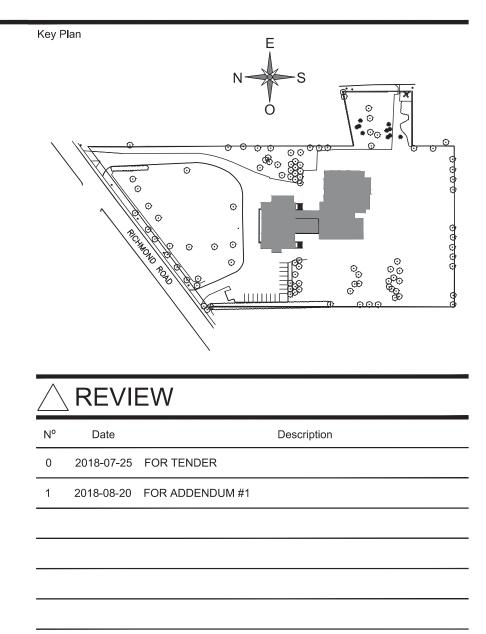
514.382.5150



	LOCATION	202	VO	LTAGE	120/2	08 VOLTS	3Ø4F.	
REV.	WATTS	PANEL NO:		P-02	2-S		WATTS	REV.
		SPACE	1.0			2 SPACE	-	
		SPACE	3	П		4 SPACE	-	
		SPACE	• •			6 SPACE	-	
		SPACE	1			8 SPACE		
		SPACE	9			10 SPACE		
		SPACE	11	Ш	15	12 FLUSH AND VALVE FAU	포 150	
	360	PLUGS ROOM 213	13 15		15	14 SPARE	_	
	360	PLUGS ROOM 214	15 15		15	16 PLUGS ROOM 204	240	
	360	PLUGS ROOM 215	17 15		15	18 PLUG ROOM 204	240	
	240	PLUGS ROOM 205	19 15		15	20 PLUG ROOM 206	120	
	240	PLUGS ROOM 214	21 15		15	22 PLUG ROOM 206	120	
	240	PLUGS ROOM 214	23 15		15	24 SPARE	_	
	240	PLUG ROOM 213	25 15		15	26 SPARE	25	
	150	FLUSHANDVALVEFAUCE	27 15		15	28 HAND DRY ER ROOM 202	1300	
	120	PLUG ROOM 208	29 15			30		
	120	PLUG	31 15		15	32 CONTROL	500	
	750	PLUGS FOR CLEANING	33 20		15	34 CONTROL	500	
	1300	HAND DRY ER ROOM 208	35			36 SPACE	_	
	1000		37		20	38 PLUG ROOM 211	250	
		SPACE	39 ~			40 SPACE	_	
	120	PLUG ROOM 202	41 20		15	42 PLUGS ROOM 204, 213, 2	480	
	120	PLUG ROOM 206	43 15		20	44 CLEANING PLUG	120	
	240	PLUG ROOM 207	40 15	П	20	46 PLUG ROOM 203	120	
	240	SPACE	47		20	48 PEUG ROOM 203	120	
		SPACE	49		20	50 PLUG ROOM 203	_	
		SPACE	01	П		02 SPACE	-	
		SPACE	53			54 SPACE	-	
		SPACE	55		\Box	56 SPACE	-	
		SPACE	01	П	T_{-}	SPACE	_	
		SPACE	59			60 SPACE	_	
		SPACE	61			62 SPACE		
		SPACE	63	П		64 SPACE	-	
		SPACE	65			66 SPACE		
		SPACE	67	П		68 SPACE	-	
		SPACE	69	П		70 SPACE	-	
		SPACE	71			72 SPACE	_	
					··	NEUTRAL		
		CONNECTED LOAD:	922 40		WATTS		MODIF	ED
		BUS BARS:	40	i V	A MP.			
PA	GEAU	PROJECT NAME: CONTRACT:	-	7342-0	01-00	REVISIO	N: 1	-
	MOREL	DA TE:		2018-0		PAG		
5	14.382.5150)						



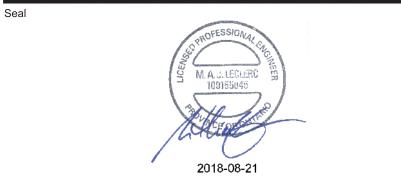
REV.	WATTS	PANNEAU NO:		P-G5-S	WATTS R
	480	PLUG ROOM 126&128	1 15	2 PLUG ROOM 123	120
	30	XFO WC 127	3.10	4 [PLUG ROOM 123]	120
	120	PLUG ROOM 128	10 10	20° 6 PLUG GFT ROOM T	
	600	PLUG ROOM 120	7 20	8 PLUG ROOM 121	120
	120	PLUG ROOM 120	9 ~	15 10 XFO WC 119	30
	120	PLUG GET ROOM 120	11 20	15 12 XFO WC 118	30
	500	MICROWAVE ROOM 120	13 20	15 14 PLUG ROOM 116	240
	120	PLUG ROOM 120	15 20	15 16 XFOWC 117	30
	6000	OVEN ROOM 120	17 40		
	0000		19	20 PLUG GH ROOM T	120
	100	PLUG ROOM 120	20	15 22 PLUG ROOM 114	120
	120	SPACE	23	24 SPACE	360
		SPACE	25	20 26 CLEANING PLUG	
		HAND DRY ER ROOM 119	15	15	750
	1300	HANDON EX ROOM 119	$\frac{12}{20}$		1300
		TTX EUX 101	29 15	15 30	
	1300	HAND DRY ER ROOM 118	³¹ .	20 32 KITCHEN HOOD	360
		Sector Sector Sector	33.	34 MICROWAVE ROOM	M 121 500
		SPACE	35		
		SPACE	37	15 38 SPACE	
		SPACE	39	40 PEUG ROOM 123	120
		SPACE	41	42 CONTROL PANEL ROOM 120	360
		SPACE	43	44 DRYER	4000
		SPACE	45	·20 46	
		SPACE	47		E 600
		SPACE	49	DU SPACE	
		SPACE	51	52 SPACE	
		SPACE	53	54 SPACE	
		SPACE	55	56 SPACE	
		SPACE	57	58 SPACE	
		SPACE	59	60 SPACE	
		SPACE	61	62 SPACE	
		SPACE	63	64 SPACE	
		SPACE	65	66 SPACE	
		SPACE	67	68 [SPACE	
		SPACE	1 69	• • • • • • • • • • • • • • • • • • • •	
			- • •	70 SPACE	
		SPACE	<u></u> .	12 SPACE	
		CONNECTED LOAD OMNIBUS BAR		0 WATTS AMP.	NEW
		PROJECT NAME			
PAG	GEAU	CONTRACT			EVISION: 1
	MORE 14.382.515	L DA TE	2	018-01-31	PAGE: 1





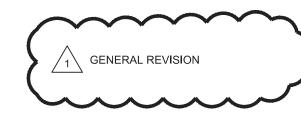


Structure



DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA

ELECTRICAL PANELS



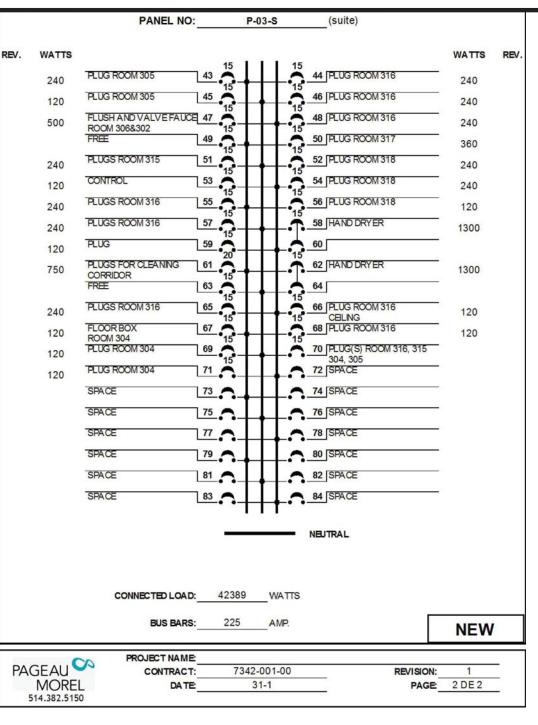
Drawn by :	V.G.C.	Project n°:	7342-001-000
Design by :	J.RI.	Date :	2018-07-06
Verified by :	M.LE.	Scale :	N.T.S
Drawing n ^o			Revisio

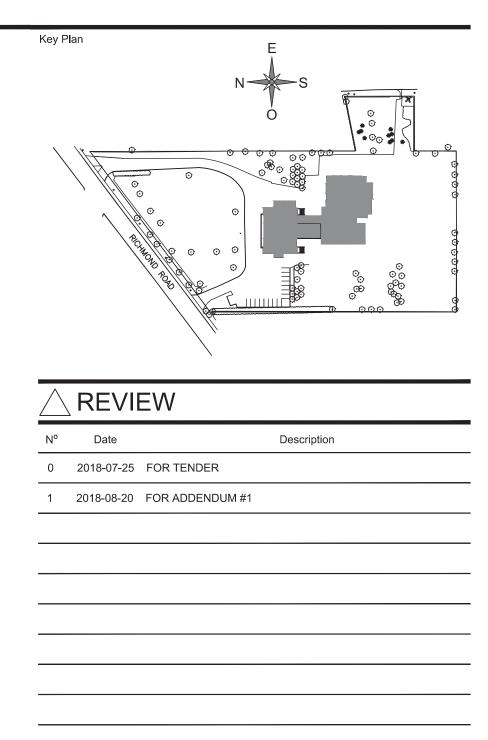
THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OR INSTALLATION PURPOSES. E-402

	LOCATION	311	VOLTAGE:	120/208 VOLTS	3 Ø 4 F.
		PANEL NO:	P-03-M		13 10
REV.	WATTS		15	15	WATTS REV.
	400	EV-001 1		2 COMPRESSORDRY PIPE SY STEM	4000
		3			-1
	400	EV-003 5	15	6 DRY PIPE SY STEM	300
	400	7		30 CONTROL 8 P-6	
		EV-010 9	15	•30 10 MUA-004	1920
	400	11	••••		4326
		in the second	-•15•	30	
	400		╧┅┽┼┤		4326
		15	15		
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PROJECT NAME:
514.382.5150



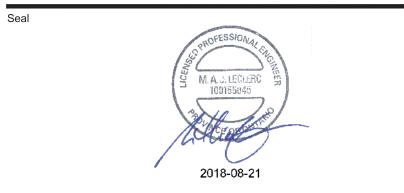






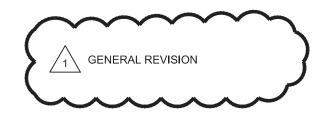
Structure

Title



Project MAISON DE DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA

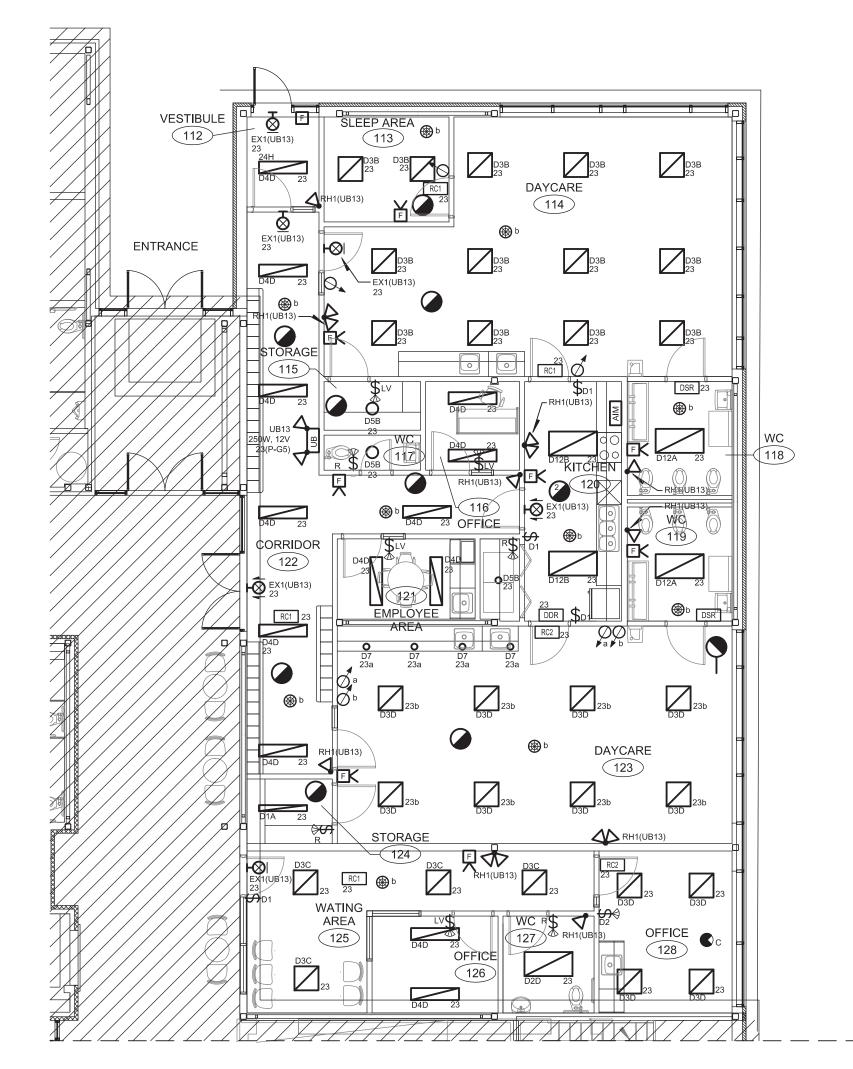
ELECTRICAL PANELS

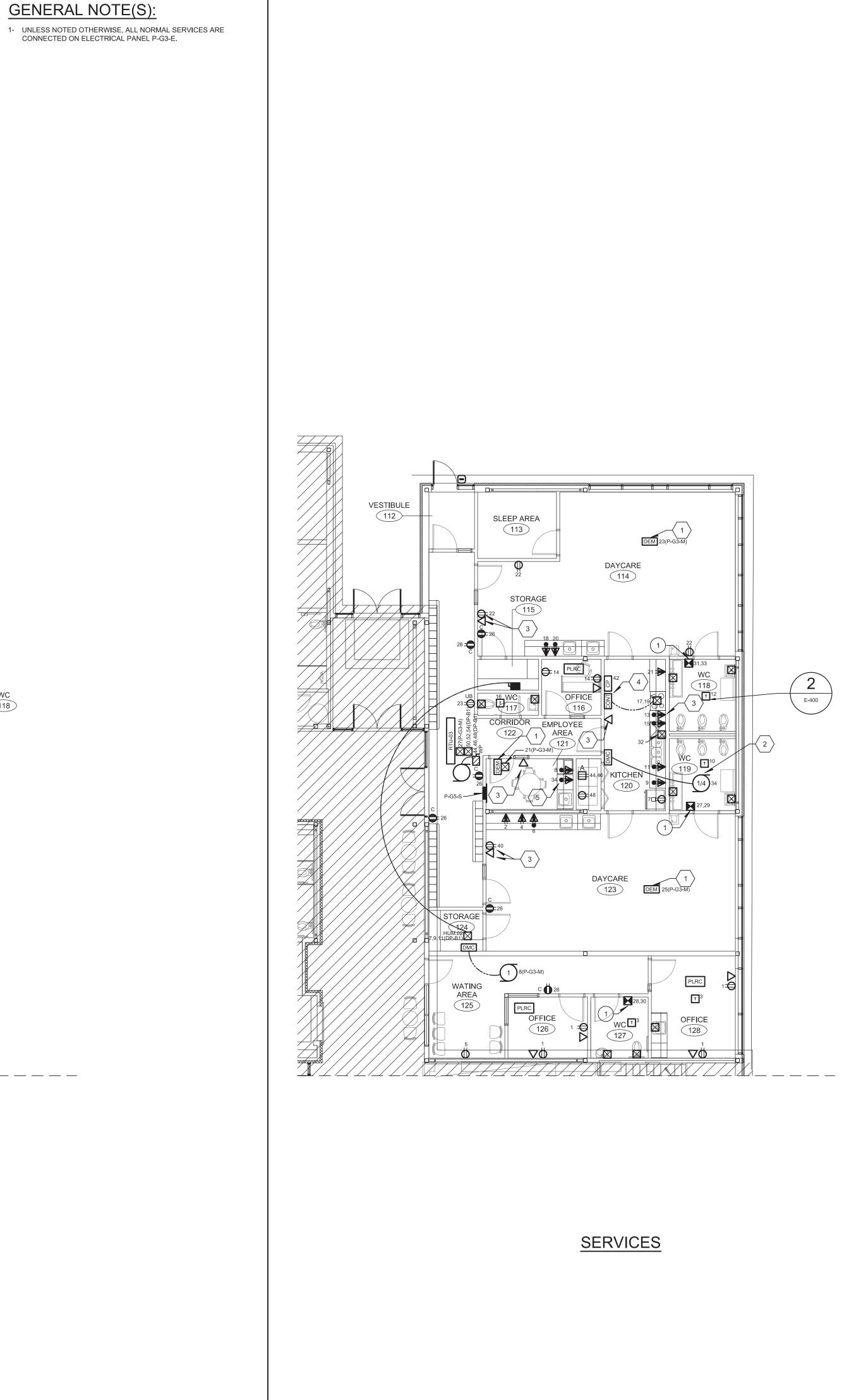


	Drawn by :	V.G.C.	Project n°:	7342-001-000
	Design by :	J.RI.	Date :	2018-07-06
	Verified by :	M.LE.	Scale :	N.T.S
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THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OR INSTALLATION PURPOSES.

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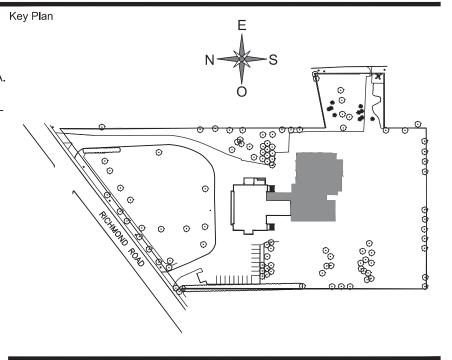
- 1- ALL CONDUITS TO BE CONCEALED UNLESS OTHERWISE SPECIFIED.
- 2- PROVIDE TEMPER RESISTANT PLUGS IN THE TWO (2) DAYCARE AREA. 3- LIGHTING CONTROL: - IN ROOMS WITH DAYLIGHT SENSOR, FIXTURE NEAR WINDOW SHALL DIM ACCORDING TO AVAILABLE DAYLIGHT. - IN CORRIDORS, WASHROOMS AND STAIRS LIGHTING IS CONTROLLED TROUGHT OCCUPANCY SENSOR. IN TECHNICAL ROOMS, STORAGE AND OTHER ROOM LIGHTING IS CONTROLLED TROUGHT OCCUPANCY SENSOR. IN OTHER ROOMS,
- LIGHTS ARE CONTROLLED TROUGHT A SWITCH ANS A OCCUPANCY SENSOR. (MANUAL ON/AUTO OFF) 4- UNLESS NOTED OTHERWISE, ALL LIGHTING IS CONNECTED ON
- ELECTRICAL PANEL P-G5, CCT 23 . 5- UNLESS NOTED OTHERWISE, ALL NORMAL SERVICES ARE CONNECTED ON ELECTRICAL PANEL P-G5-S.

SPECIFIC NOTE(S):

A- JUNCTION BOX IN CEILING SPACE FOR AUTOMATIC DOOR SYSTEM C/W CONDUIT AND PUSH BUTTONS. INSTALL A TEMPORIZED RELAY ON AUTOMATIC DOORS. COORDINATE EXACT LOCATION OF THE PUSH BUTTONS WITH ARCHITECT.

IDENTIFICATION(S)

- $\langle 1 \rangle$ TO BE INSTALLED IN THE CEILLING.
- $\left< \begin{array}{c} 2 \end{array} \right>$ Electrical connection for FAN on the ROOF.
- 3 COORDINATE EXACT HEIGHT AND LOCATION WITH OWNER. PLUG IS APPROXIMATIVELY AT 72" AND DATA AT 60" FROM THE FLOOR.
- $\left< \frac{4}{4} \right>$ SEE KITCHEN DETAIL.
- \langle 5 \rangle COORDINATE EXACT HEIGHT AND LOCATION WITH OWNER.



Description

REVIEW

Nº Date

0 2018-07-25 FOR TENDER

1 2018-08-20 FOR ADDENDUM #1



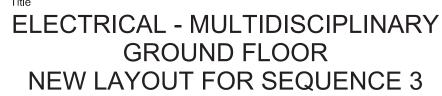


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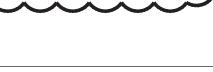


Project MAISON DE DE LA FRANCOPHONIE D'OTTAWA 2720 RICHMOND ROAD, OTTAWA



Drawn by :	F.BR	Project n°:	7342-001-000
Design by :	J.RI.	Date :	2018-07-06
Verified by :	M.LE.	Scale :	1/8" = 1'-0"

Drawing n^o



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GENERAL REVISION



