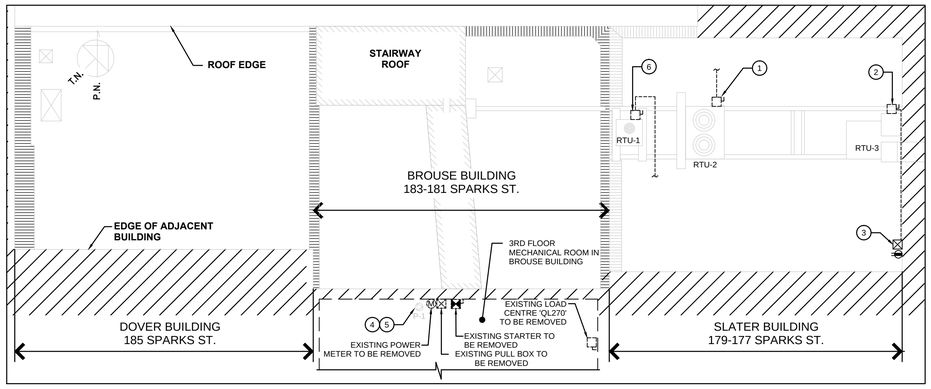
SYMBOL LEGEND

- 600 DISCONNECT SWITCH
- STARTER/DISCONNECT COMBO
- 120V, GFCI RECEPTACLE
- PULL BOX/JUNCTION BOX
- POWER METER
- DIRECT CONNECTION
- 120/240V DISTRIBUTION PANEL
- UNIT HEATER (BY MECH.)
- T-1 THERMOSTAT 'T-1' (BY MECH.)

LINETYPE LEGEND

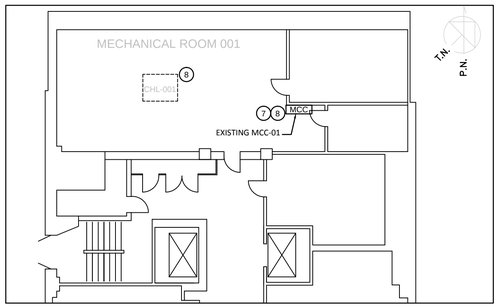
- EXISTING EQUIPMENT TO REMAIN
- EXISTING EQUIPMENT TO BE REMOVED



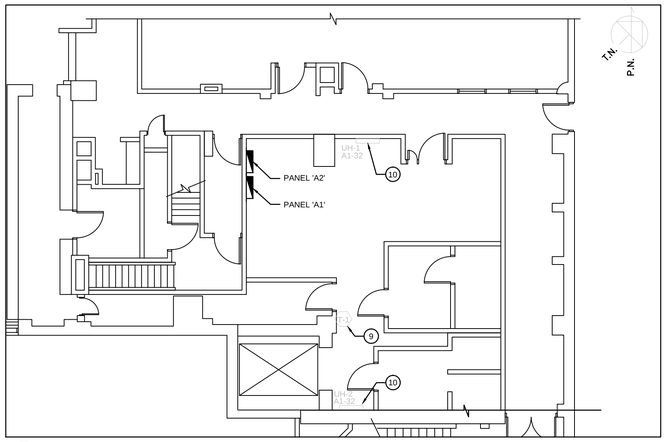
1 E1 **ROOF PLAN - EXISTING EQUIPMENT DEMOLITION**
SCALE : 1 : 100

DRAWING NOTES	
1	CONTRACTOR SHALL DISCONNECT AND REMOVE CONDUCTOR AND CONDUIT ASSOCIATED WITH RTU-2. CONDUCTOR AND CONDUIT TO BE PULLED BACK TO INTERIOR OF NATIONAL PRESS BUILDING (SEE DRAWING M1 FOR KEY PLAN) AND SAFELY ISOLATED WITHIN JUNCTION BOX. ASSOCIATED JUNCTION BOX TO BE LABELLED 'ABANDONED'. CONTRACTOR SHALL REMOVE CONNECTIONS TO ASSOCIATED DISCONNECT WITHIN MCC-1, LOCATED IN MECHANICAL ROOM 001 AND SAFELY ISOLATE CONDUCTOR WITHIN JUNCTION BOX. JUNCTION BOX TO BE LABELLED 'ABANDONED'. DISCONNECT TO BE MADE SPARE. UPDATE EXISTING MCC UNIT LABELLING TO READ 'SPARE'.
2	CONTRACTOR SHALL DISCONNECT AND REMOVE LOCAL DISCONNECT SWITCH. ASSOCIATED CONDUCTOR AND WIRE TO BE PULLED BACK TO NEAREST JUNCTION BOX, LOCATED ON ADJACENT EXTERIOR WALL, AND REMOVED. ABANDONED WIRE TO BE SAFELY ISOLATED IN EXISTING JUNCTION BOX . ASSOCIATED JUNCTION BOX TO BE LABELLED, IDENTIFYING POWER SOURCE AND CIRCUIT NUMBER. ASSOCIATED BREAKER TO BE MADE SPARE. UPDATE EXISTING PANEL SCHEDULE TO SUIT. REMOVAL OF MECHANICAL UNIT, INCLUDING CONTROL PANEL AND CONTROL WIRING, BY OTHERS.
3	EXISTING PULL BOX TO REMAIN. CONTRACTOR SHALL SAFELY ISOLATE ELECTRICAL WIRING WITHIN PULL BOX. PROVIDE P-TOUCH LABELLING, WHITE BACKGROUND, BLACK LETTERING, IDENTIFYING SOURCE AND CIRCUIT NUMBER OF EXISTING WIRING.
4	CONTRACTOR SHALL DISCONNECT ALL ELECTRICAL CONNECTIONS TO EXISTING PUMP 'P-1'. REMOVAL OF PUMP DONE BY MECHANICAL TRADE. CONTRACTOR TO COORDINATE WITH MECHANICAL TRADE FOR EXACT LOCATION OF PUMP 'P-1'.
5	CONTRACTOR SHALL DISCONNECT AND REMOVE ALL DEVICES ASSOCIATED WITH PUMP 'P-1' INCLUDING JUNCTION BOX, POWER METER, STARTER/DISCONNECT COMBO, CONDUIT, WIRE AND LOAD CENTRE. ALL WIRING TO BE PULLED BACK TO SOURCE AND REMOVED.
6	CONTRACTOR SHALL DISCONNECT AND REMOVE ALL CONDUCTOR AND CONDUIT FROM RTU-1 AND PULL BACK TO AHU-1 LOCATED IN ROOM BELOW (GREEN DRAGON MEZZ).
7	CONTRACTOR SHALL DISCONNECT AND REMOVE CONNECTIONS FROM MCC UNIT ASSOCIATED WITH RTU-2 AND SAFELY ISOLATE CONDUCTOR IN NEW JUNCTION BOX. JUNCTION BOX SHALL BE MOUNTED IN ACCESSIBLE AREA OF CEILING SPACE AND LABELLED 'ABANDONED'. MCC UNIT LABELLING TO BE UPDATED TO READ 'SPARE'.
8	CONTRACTOR SHALL REMOVE CONNECTIONS FROM CHILLER UNIT 001 (CHL-001) AND ASSOCIATED PUMP AND PULL BACK TO MCC-01. REMOVAL OF CHL-001 AND PUMP BY MECHANICAL TRADE. CONNECTIONS TO DISCONNECT WITHIN MCC-1 TO BE REMOVED. MCC UNITS ASSOCIATED WITH CHL-001 AND PUMP TO BE MADE SPARE. MCC UNITS LABELLING TO BE UPDATED TO READ 'SPARE'.
9	CONTRACTOR SHALL PROVIDE 2 - #12AWG + #12AWG BOND IN 19mm EMT CONDUIT, FROM EXISTING DISTRIBUTION PANEL 'A1', CIRCUIT 32, TO NEW THERMOSTAT 'T-1'. NEW THERMOSTAT PROVIDED AND INSTALLED BY MECHANICAL TRADE. CONTRACTOR TO COORDINATE EXACT LOCATION OF THERMOSTAT WITH MECHANICAL TRADE.
10	CONTRACTOR SHALL PROVIDE 2 - #12AWG + #12AWG BOND IN 19mm EMT CONDUIT, FROM NEW THERMOSTAT TO NEW UNIT HEATER. NEW UNIT HEATER PROVIDED AND INSTALLED BY MECHANICAL TRADE. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF NEW UNIT HEATER WITH MECHANICAL TRADE.

GENERAL NOTES	
1.	ARCHITECTURAL BACKGROUNDS IN ELECTRICAL DRAWINGS ARE REPRESENTATIVE ONLY. ALTHOUGH EVERY EFFORT HAS BEEN MADE TO ENSURE THE ACCURACY OF THESE BACKGROUNDS, ACTUAL SITE CONDITIONS AND LATEST ARCHITECTURAL DOCUMENTS MAY VARY FROM ELECTRICAL DRAWINGS. FOR WALL, PARTITIONS AND ALL OTHER HARD SURFACES, ARCHITECTURAL DRAWINGS TAKE PRECEDENCE OVER ELECTRICAL DRAWINGS.
2.	ALL ELECTRICAL EQUIPMENT LOCATIONS SHOWN ON ELECTRICAL DRAWINGS SHALL BE CONSIDERED APPROXIMATE. CONTRACTOR SHALL VERIFY EXACT LOCATION OF ALL EQUIPMENT PRIOR
3.	ALL CONDUIT RUNS TO BE COMPLETED IN CEILING SPACES AND SHALL BE OF EMT. ALL CONDUIT DROPS TO EQUIPMENT TO BE CONCEALED IN WALL SPACES. ARMOURED CABLE PERMITTED TO EQUIPMENT DROPS WITHIN WALL SPACES.



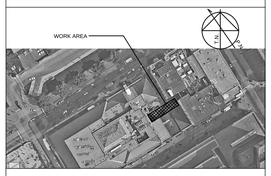
2 E1 **EQUIPMENT DEMOLITION, NATIONAL PRESS BUILDING GROUND FLOOR LEVEL**
SCALE : 1 : 100



3 E1 **BOOTH BUILDING STORAGE ROOM - NEW EQUIPMENT LAYOUT**
SCALE : 1 : 100

Canada

Publics Works and Government Services Canada / Travaux publics et services gouvernementaux Canada



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LICENSED PROFESSIONAL ENGINEER
2016-04-20
C. D. WHITE
100173140
PROVINCE OF ONTARIO

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

revision	description	date
	TENDER	15/03/31
	99% REVIEW	15/03/24
	66% REVIEW	15/03/13

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

project / projet

BROUSE-SLATER BUILDING ROOF REPLACEMENT

177-185, SPARKS ST, OTTAWA (ONTARIO)

drawing / dessin

ELECTRICAL - DEMOLITION AND NEW

Designed By	J.G.	Conçu par
Date	2015/03/06	(aaaa/mm/jj)
Drawn By	J.G.	Dessiné par
Date	2015/03/06	(aaaa/mm/jj)
Reviewed By	C.W.	Examiné par
Date	2015/03/24	(aaaa/mm/jj)
Approved By	C.W.	Approuvé par
Date	2015/03/24	(aaaa/mm/jj)
Tender		Soumission
Project Manager	ETTO PROVENZANO	Administrateur de projets

Project no. / N° du projet: R.062229.004

Drawing no. / N° du dessin: E1

PWGSC A1 (841x594)

0 10 20mm 40 60 80 100 120 140 160 180 200mm