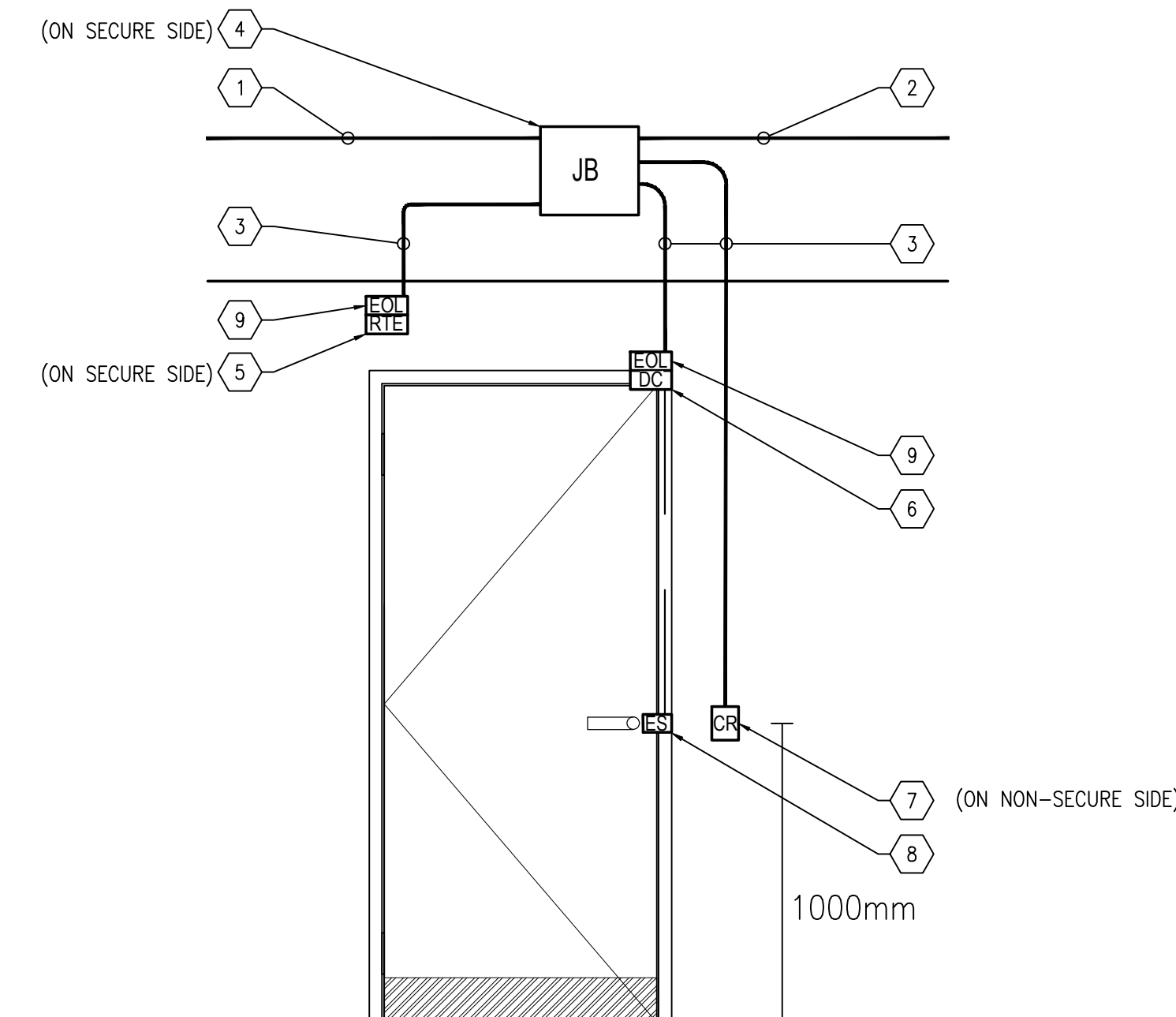


1 NEW POWER LAYOUT  
E203 1:75

## DRAWING NOTES

- 35mm EMT CONDUIT RUN FROM CONTROL PANEL OR 27mm FROM FIRST DOOR (AS REQUIRED). CABLEING BY DEPARTMENTAL REPRESENTATIVE.
- 27mm EMT CONDUIT RUN TO SECOND DOOR (IF REQUIRED). CABLEING BY DEPARTMENTAL REPRESENTATIVE.
- 21mm EMT CONDUIT. CABLEING BY DEPARTMENTAL REPRESENTATIVE.
- 200X200X100 JUNCTION BOX (LOCATED ON SECURE SIDE OF DOOR).
- REQUEST TO EXIT (LOCATED ON SECURE SIDE OF DOOR). ACTIVATE STRIKE EXIT DISABLE FEATURE IN SOFTWARE DOOR CONFIGURATION.
- DOOR CONTACT (IN FRAME WHERE POSSIBLE)
- CARD READER (LOCATED ON NON-SECURE SIDE OF DOOR). MOUNT IN COMPLIANCE WITH PROVINCIAL ACCESSIBILITY STANDARDS.
- ELECTRIC STRIKE.
- END OF LINE RESISTOR.
- RUN CONDUIT FOR POWER ISLAND COUNTER UP AT THIS LOCATION.
- TYPICAL: 300mm X 100mm WIRE BASKET TRAY SUSPENDING IN CEILING SPACE. 450mm X 100mm SECTION INTO TELECOM ROOM. PROVIDE SNAP-IN DIVIDERS AND PLACE EVERY 4-5 FEET TO ALLOW SECURITY AND COMMUNICATION CABLEING TO RUN WITHIN THE SAME CABLE TRAY.
- LOCATION OF STACKED ELECTRICAL ROOMS ON 8TH AND 10TH FLOORS.
- EXISTING FEEDERS FROM/TO LP-B PANELS ON 6TH, 7TH, AND 8TH FLOORS TO REMAIN.
- MOUNT 45KVA TRANSFORMER ON FLOOR AND SUSPEND 15KVA TRANSFORMER FROM SLAB ABOVE.
- EXISTING DISCONNECT SWITCH FOR TRANSFORMER T9C TO BE RE-FED FROM CDP-W9.
- PROVIDE A FLOOR TO CEILING SERVICE POLE C/W DUPLEX RECEPTACLE FOR PRINTER AND A CONNECTION TO UNDER CARPET WIRING TO FLOOR RECEPTACLE UNDER TABLE.
- PROVIDE A SURFACE WIREWAY DOWN COLUMN TO UNDER CARPET WIRING TO BASE-FEED CONNECTION FOR PHONE BOOTHS. INTERCONNECT ALL 3 PHONE BOOTHS TO SAME CIRCUIT.
- PROVIDE A FIRE RATED POKE-THRU COMBINATION DUPLEX RECEPTACLE AND TELECOM OUTLET UNDER TABLE. RUN WIRING FOR POWER AND 41mmC FOR DATA UNDER SLAB IN CEILING SPACE BELOW TO NEAREST WALL AND THEN UP TO CEILING SPACE OF 8TH FLOOR.
- SEE DETAIL 3/E302 FOR MOUNTING HEIGHTS.
- SEE DETAIL 6/E302 FOR MOUNTING HEIGHTS.
- SEE DETAIL 4/E302 FOR MOUNTING HEIGHTS.
- SEE DETAIL 5/E302 FOR MOUNTING HEIGHTS.
- SEE DETAIL 1/E302 FOR MOUNTING HEIGHTS.
- SEE DETAIL 2/E302 FOR MOUNTING HEIGHTS.
- PROVIDE COPPER GROUND BAR AS INDICATED C/W #2/0 CONDUCTOR BACK TO MAIN BUILDING GROUND. PROVIDE #6 GROUND CONNECTION FROM GROUND BAR TO EACH SERVER BACKS AND TO COPPER GROUND STRIPS AROUND THE PERIMETER FOR STATIC DISSIPATIVE FLOORING. GROUND CONNECTIONS FOR FLOORING SHALL BE CONCEALED BEHIND BASEBOARDS. COORDINATE ON SITE WITH ALL TRADES. REFERENCE TYPICAL GROUND BAR DETAIL ON DRAWING E303.
- PROVIDED FOUR (4) L5-20R TYPE RECEPTACLE ON THE SIDE OF THE CABLE TRAY ABOVE RACK. COORDINATE EXACT LOCATION ON SITE.
- PROVIDE ONE (1) 53mm EMPTY CONDUIT C/W PULL STRING FROM EXISTING MER TO NEW TELECOM ROOM AS SHOWN. COORDINATE EXACT LOCATION ON SITE WITH DEPARTMENTAL REPRESENTATIVE.
- PROVIDE CONNECTION TO NEW 120V, 1-PHASE, 15A FAN POWERED BOX C/W DISCONNECT SWITCH SUPPLIED AND INSTALLED BY MECHANICAL TRADES. CONNECT TO INDICATED CIRCUIT. COORDINATE EXACT LOCATION ON SITE.
- PROVIDE DISCONNECT SWITCH AND CONNECTION TO NEW 208V, 1Φ, 11MCA, 15MOP CONDENSER UNIT CU2 LOCATED IN CEILING SPACE. CONNECT TO INDICATED CIRCUIT. CONDENSER UNIT TO BE SUPPLIED AND INSTALLED BY MECHANICAL TRADES. REFERENCE MECHANICAL DRAWINGS FOR EXACT LOCATION. REFER TO HVAC WIRING DETAIL ON DRAWING E303.
- CONNECT NEW AC UNIT AC2 TO CONDENSER UNIT. PROVIDE CONDUIT AND WIRING BETWEEN CONDENSER UNIT AND AC UNIT. FOLLOW MECHANICAL REFRIGERANT PIPING. REFER TO HVAC WIRING DETAIL ON DRAWING E001. COORDINATE EXACT LOCATION ON SITE WITH MECHANICAL TRADES.
- PROVIDE THREE (3) 103mm FIRE-RATED PATHWAYS (E2 PATH 44E2 SERIES) ABOVE TELECOM ROOM DOOR.
- IN OPEN CEILING AREA: 300mm X 100mm WHITE WIRE BASKET CABLE TRAY W/ WHITE TRAY LINER. PROVIDE SNAP-IN DIVIDERS AND PLACE EVERY 120mm-150mm TO ALLOW SECURITY AND COMMUNICATION CABLEING TO RUN WITHIN THE SAME CABLE TRAY.
- PROVIDE 15A, 120V HARDWARE CONNECTION TO NEW SECURITY PANEL SUPPLIED AND INSTALLED BY SECURITY CONTRACTOR. CONNECT TO NEW UPS PANEL. COORDINATE EXACT LOCATION ON SITE WITH SECURITY CONTRACTOR.
- SEE DETAIL 4/E303 FOR INSTALLATION DETAILS.
- SEE DETAILS 3&5/E303 FOR PULL BOX INSTALLATION DETAILS.



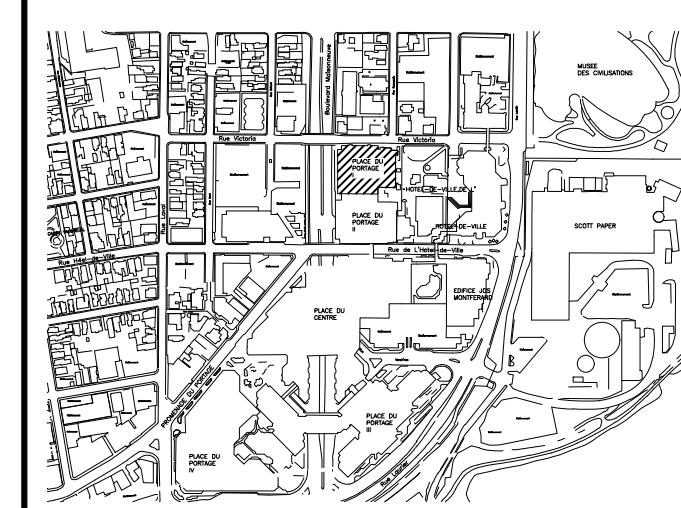
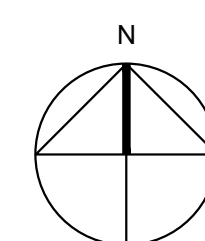
2 TYPICAL DOOR  
ROUGH-IN HARDWARE DETAIL  
N.T.S.

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**

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GNAL PROJECT # 2017-446-1



key plan  
plan repère

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

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

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

project  
**PSPC SWING SPACE 9TH FLOOR**

PDP1, 50 RUE VICTORIA

drawing  
**POWER & TELECOM LAYOUT**

Designed By	WN	Conçu par
Date	MAR 2020	(yyyy/mm/dd)
Drawn By	LB	Dessiné par
Date	MAR 2020	(yyyy/mm/dd)
Reviewed By	RB	Examiné par
Date	MAR 2020	(yyyy/mm/dd)
Approved By	RB	Approuvé par
Date	MAR 2020	(yyyy/mm/dd)
Tender	FRANK RADKE	Soumission

Project Manager  
Administrateur de projets  
Project no.  
No. du projet

R.097053

Drawing no.  
No. du dessin  
**E203**