

**TENDER**  
NOT FOR CONSTRUCTION



ASSOCIATION OF PROFESSIONAL ENGINEERS & GEOSCIENTISTS OF SASKATCHEWAN  
**CERTIFICATE OF AUTHORIZATION**  
AECOM Canada Ltd.  
NUMBER C1667  
PERMISSION TO CONSULT HELD BY:  
DISCIPLINE: ELECTRICAL SIGNATURE: 36101

Key Plan



E	Issued For Tender	19/09/30
D	Not Issued	-
C	Not Issued	-
B	Not Issued	-
A	Not Issued	-
Revision	Description	Date

Client

**Public Works and Government Services Canada**

Project title

**Tunnel Revitalization**

Designed by  
B. Stewart

Drawn by  
T. Shrufl

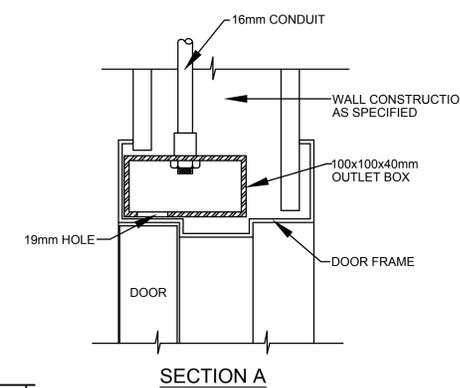
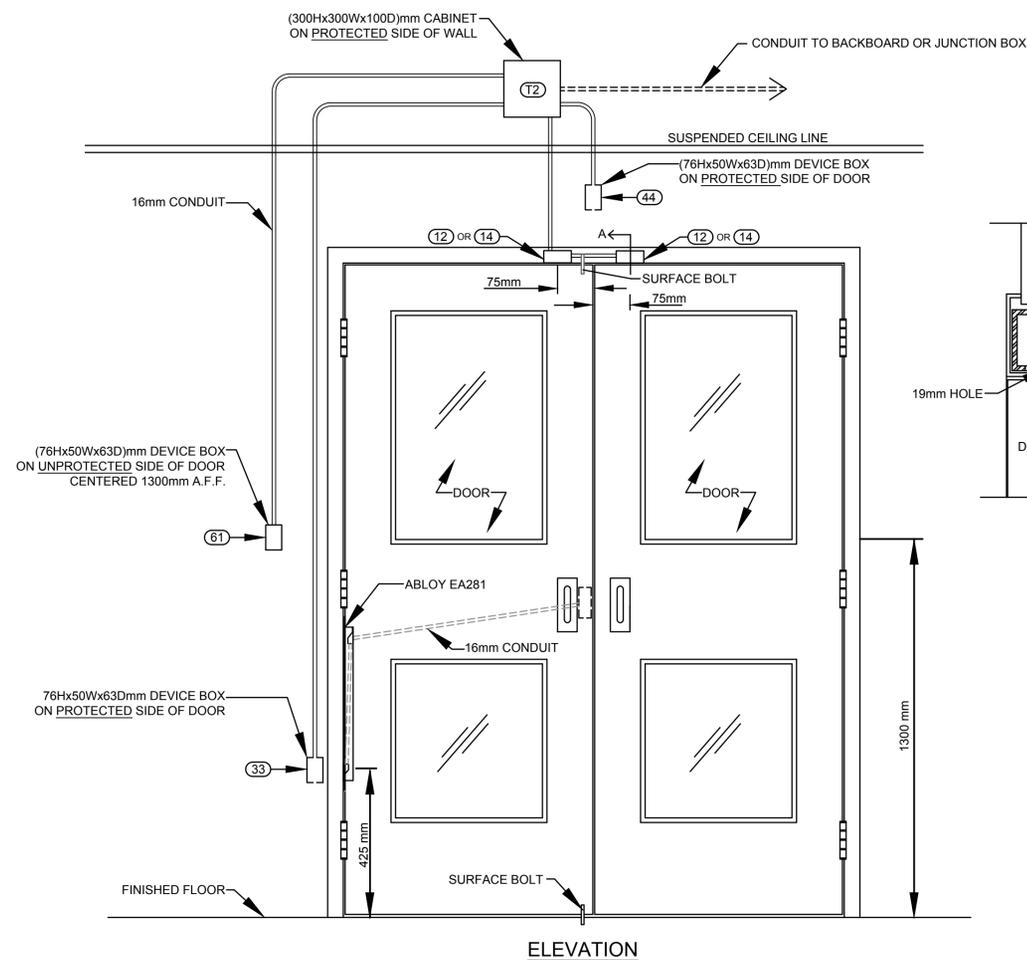
Approved by  
B. Wolfater

PWGSC Project Manager  
J. Dayman

Drawing title

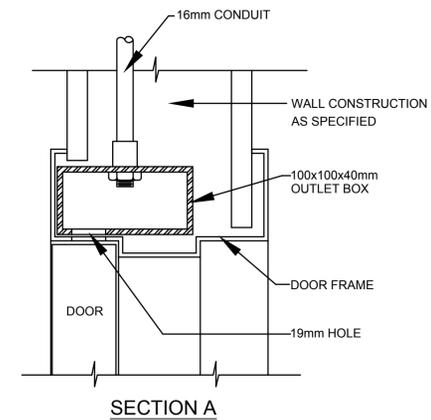
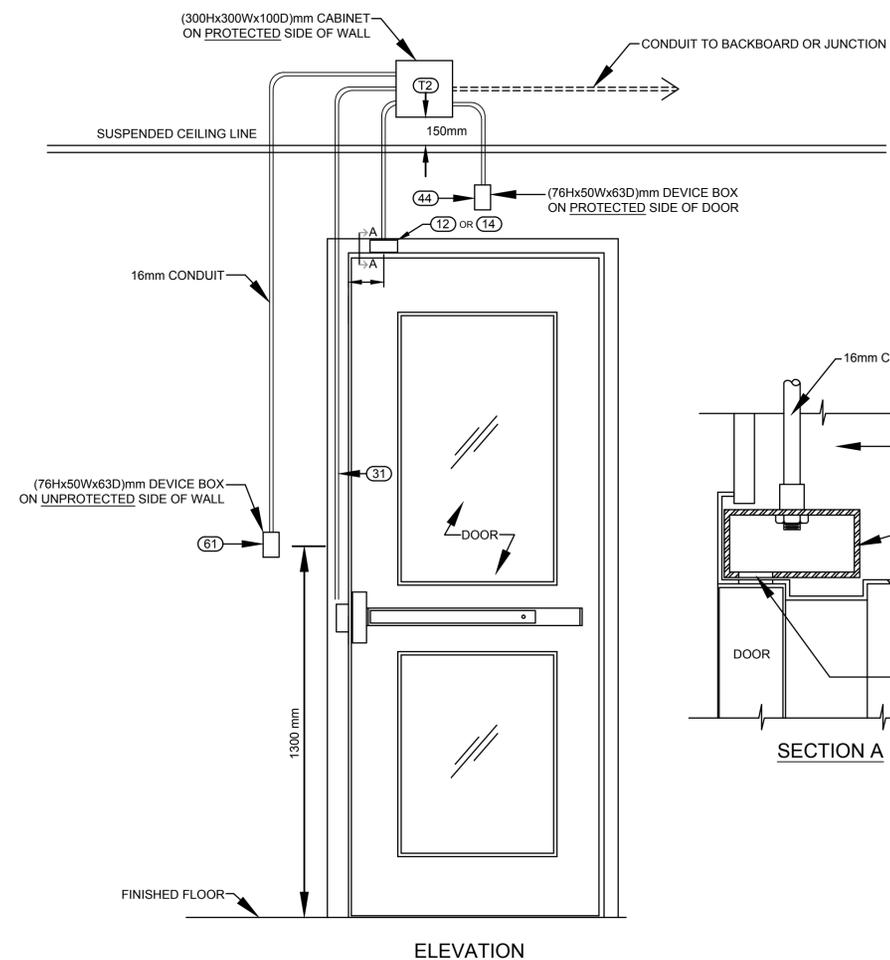
Package 1 - TBU43 - Tunnel  
Electrical  
Security System Details

Project no.	Drawing no.	Revision no.
1004259	E1.38	E



- NOTES:**
1. THE CONDUIT CONNECTOR WILL BE MOUNTED AND FASTENED TO THE JUNCTION BOX BY THE DOOR FRAME FABRICATOR.
  2. JUNCTION BOX TO BE SPOT WELDED IN PLACE BY DOOR FRAME FABRICATOR.
  3. DRILL A 19mm HOLE AT 75mm (CENTER POINT) FROM THE EDGE OF THE DOOR CASING (150mm IF USING ALTERNATE LOCATION) TO ALLOW FOR DOOR SWITCH INSTALLATION AND ACCESS TO WIRING.
  4. ABLOY EA281 LEAD COVER AND 16mm CONDUIT INSIDE THE DOOR TO BE PROVIDED AND INSTALLED BY DOOR FRAME FABRICATOR.

**1 ACCESS CONTROL - ELEVATION OF DOUBLE DOOR**  
(NO MULLION) WITH DOOR CONTACTS, REQUEST TO EXIT DETECTOR AND WALL MOUNT READER



- NOTES:**
1. CONDUIT CONNECTOR TO BE MOUNTED AND FASTENED TO OUTLET BOX BY DOOR FRAME FABRICATOR.
  2. OUTLET BOX TO BE SPOT WELDED IN PLACE BY DOOR FRAME FABRICATOR.
  3. DRILL A 19mm HOLE AT 75mm (CENTER POINT) FROM THE EDGE OF THE DOOR CASING TO ALLOW FOR DOOR SWITCH INSTALLATION AND ACCESS TO WIRING.

**2 ACCESS CONTROL - ELEVATION OF SINGLE DOOR**  
WITH DOOR CONTACT, WALL MOUNTED READER AND ELECTRIC STRIKE (PANIC HARDWARE)

Last saved by: TAREG.SHRUFI(2019-09-27) Last Printed: 2019-09-27  
Filename: P:\60577685900-CAD\_GIS\910-CAD\20-SHEET\DESIGN\01-TENDER PACKAGE 1\E1.38-TBU43 SECURITY SYSTEM DETAILS.DWG