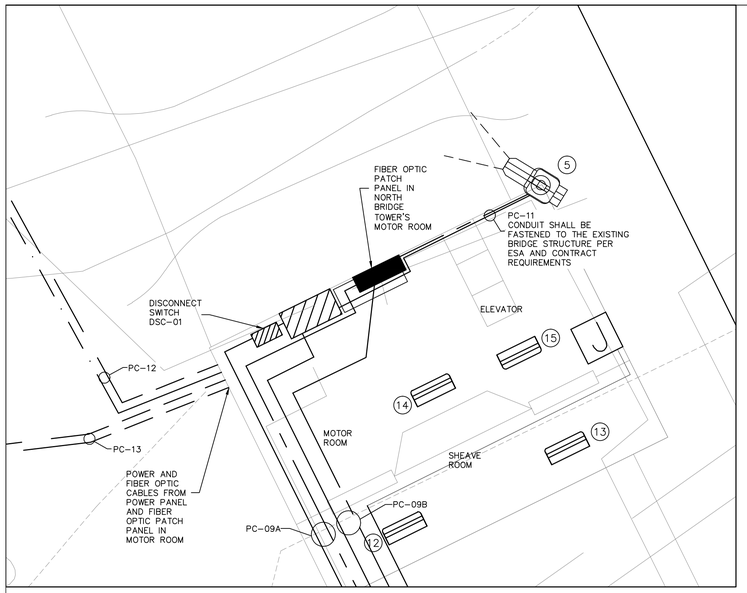
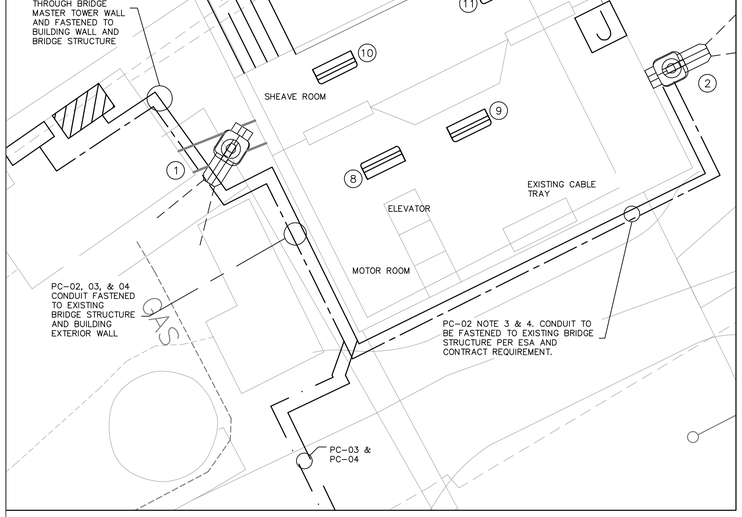
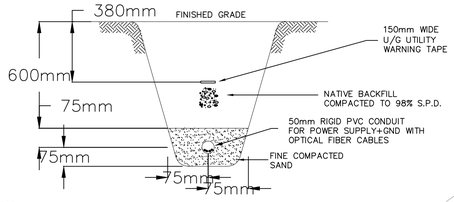


A NORTH SIDE DETAIL A
SCALE 1:150



B SOUTH SIDE DETAIL B
SCALE 1:150



C TYPICAL TRENCH DETAIL CROSS SECTION
SCALE: N.T.S.

SITE PLAN – ELECTRICAL DETAILS
1:750

FOR TENDER
NOT TO BE USED FOR CONSTRUCTION

Canada

Public Works and Government Services Canada
Real Property Services Branch
Real Property Geomatics Services

Travaux publics et Services gouvernement aux Canada
Direction des services immobiliers
Services geomatiques immobiliers

LEGEND:

- PTZ CAMERA – BOX TYPE
- HEAT DETECTOR
- UNDERGROUND POWER CABLE
- ABOVE GROUND POWER CABLE
- UNDERGROUND OPTICAL FIBER CABLE
- ABOVE GROUND OPTICAL FIBER CABLE
- POWER PANEL
- FIBRE OPTIC PATCH PANEL
- CCTV SERVER (3RD FLOOR)

NOTES:

1. REFER TO DRAWING D-E5 SINGLE LINE DIAGRAM FOR CIRCUIT IDENTIFICATION
2. CONTRACTOR SHALL VERIFY THE LENGTH OF THE CONDUCTOR/CONDUIT AND THE LOCATION PRIOR TO INSTALLATION. THE FINAL LOCATION OF THE EQUIPMENT AND CABLE/CONDUIT SHALL BE APPROVED BY A DEPARTMENTAL REPRESENTATIVE AND OTHER AUTHORITIES HAVING JURISDICTION PRIOR TO PROCEEDING.
3. INSTALL FIBRE OPTIC COMMUNICATION CABLE AND CAMERA POWER SUPPLY CABLE IN COMMON CONDUIT.
4. INSTALLATION OF CAMERAS AND MOUNTING EQUIPMENT INCLUDING WIRING/CONDUIT SHALL NOT DISTURB THE STRUCTURE OR FOUNDATION OF THE BURLINGTON LIFT BRIDGE IN ANY WAY TO ACCOMMODATE THE INSTALLATION OF THE CCTV SYSTEM. ANY ACTIONS SUCH AS WELDING AND DRILLING SHALL RECEIVE STRUCTURAL ENGINEERING APPROVALS AND OWNERS APPROVAL PRIOR TO PROCEEDING. ALTERNATIVE MEANS SUCH AS CLAMPING IS REQUIRED.
5. FIBER OPTIC OPTIC CABLE SHALL BE DOUBLE JACKET, HEAVY DUTY, OUTDOOR RATED. THE FIBER OPTIC CABLE ACROSS THE BRIDGE SPAN SHALL BE DOUBLE JACKET, ARMOURED, RATED FOR OUTDOOR USE WITH A MINIMUM OF 48 FIBERS.
6. CONTRACTOR SHALL TERMINATE THE ARMOURED CABLES USING ESA APPROVED METHOD.

REVISIONS

No.	By	Date	Approved	Revisions
1	BR	11.06.29	JW	ADD TRENCH DETAIL
2	BR	11.06.29	JW	EDITED TRENCH ROUTING
3	MD	12.03.27	JW	ISSUED FOR TENDER
4	JF	12.05.24	MV	PWGSC UPDATES
5	JF	12.06.20	MV	AS PER PWGSC COMMENTS

project title / titre du project
BURLINGTON LIFT BRIDGE
DESIGN/INSTALLATION OF CCTV SYSTEM
BURLINGTON, ONTARIO

drawing title / titre du design
SITE PLAN – ELECTRICAL POWER, DATA COMMUNICATION

scale / echelle
AS SHOWN

checked by: MIKE VOLL / vérifié par		consultant / consultant: STANTEC CONSULTING LTD.	
drawn by: BR / PWGSC/TPSGC		project: 2012-06-20 / date	D.F.R.P. No.: 00000 & 00000
S.G.C. / C.G.T.: 00-000	Item no.: D-E2	project no.: R.012843.045	sheet / feuille: 1 of de 1