



LEGEND:

- PTZ CAMERA – BOX TYPE
- HEAT DETECTOR
- SURGE SUPPRESSOR

NOTES

1. CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND TERMINATION OF ALL CCTV CAMERAS, JUNCTION BOXES, DATA COMMUNICATION, STORAGE SYSTEM, AND POWER SUPPLY TO THE EQUIPMENT AS PER THE CONTRACT SPECIFICATION.
2. HEATED WEATHERPROOF ENCLOSURES REQUIRED FOR ALL CAMERAS AND JUNCTION BOXES.
3. TAMPER RESISTANT ENCLOSURES REQUIRED FOR ALL CAMERAS.
4. ALL CAMERAS TO BE FITTED WITH WIPERS.
5. CAMERA JUNCTION BOX TO BE LOCATED WITHIN 15m OF CAMERA.
6. ALL FIBER OPTIC CABLES SHALL BE PROVIDED WITH 100% REDUNDANT FIBERS WITH FUSION TERMINATION. ALL FIBER TERMINATION CONNECTORS SHALL BE SC TYPE.
7. CONTRACTORS ARE RESPONSIBLE TO INSURE THE PERFORMANCE OF FIBER OPTIC CABLE INCLUDING TERMINATIONS. CERTIFIED TEST RESULTS SHALL BE PROVIDED TO THE DEPARTMENTAL REPRESENTATIVE AS PART OF THE SUBMITTALS.
8. TERMINATION OF FIBER OPTIC CABLE SHALL BE PROPERLY PLACED INSIDE OF THE CAMERA JUNCTION BOXES AND SERVER RACK WITH 2m SPARE COILED.
9. ALL RG59/U COAXIAL CABLE SHALL BE BARE COPPER CONDUCTOR, COPPER BRAID SHIELD, RATED FOR -40°C TO +75°C.
10. CONTRACTOR SHALL PROVIDE MECHANICAL PROTECTION FOR 24VAC, RG59/U, PTZ CONTROL WIRING BETWEEN THE CAMERA JUNCTION BOXES AND THE CAMERA.
11. REFER TO D-E2 AND D-E5 FOR POWER SUPPLY WIRING DRAWING

REVISIONS				
No.	By	Date	Approved	Revisions
1	BR	11.06.29	JW	RG59/U SPECIFICATION
2	MD	12.03.27	JW	ISSUED FOR TENDER
3	JF	12.05.24	MV	PWGSC UPDATES
4	JF	12.06.20	MV	AS PER PWGSC COMMENTS

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

drawing title / titre du design: **CCTV SYSTEM-DATA COMMUNICATION AND NETWORK CONCEPT**

scale / echelle: **NOT TO SCALE**

checked by: MIKE VOLL	vérifié par: PWGSC/TPSGC	consultant: STANTEC CONSULTING LTD.	consultant:
drawn by: BR	project: PWGSC/TPSGC	project date: 2012-06-20	D.F.R.P. No.
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FOR TENDER
 NOT TO BE USED FOR CONSTRUCTION