



- LEGEND:
- PTZ CAMERA – BOX TYPE
  - HEAT DETECTOR
  - SURGE SUPPRESSOR
- NOTES
- 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.
  - HEATED WEATHERPROOF ENCLOSURES REQUIRED FOR ALL CAMERAS AND JUNCTION BOXES.
  - TAMPER RESISTANT ENCLOSURES REQUIRED FOR ALL CAMERAS.
  - ALL CAMERAS TO BE FITTED WITH WIPERS.
  - CAMERA JUNCTION BOX TO BE LOCATED WITHIN 15m OF CAMERA.
  - ALL FIBER OPTIC CABLES SHALL BE PROVIDED WITH 100% REDUNDANT FIBERS WITH FUSION TERMINATION. ALL FIBER TERMINATION CONNECTORS SHALL BE SC TYPE.
  - 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.
  - TERMINATION OF FIBER OPTIC CABLE SHALL BE PROPERLY PLACED INSIDE OF THE CAMERA JUNCTION BOXES AND SERVER RACK WITH 2m SPARE COILED.
  - ALL RG59/U COAXIAL CABLE SHALL BE BARE COPPER CONDUCTOR, COPPER BRAID SHIELD, RATED FOR -40°C TO +75°C.
  - CONTRACTOR SHALL PROVIDE MECHANICAL PROTECTION FOR 24VAC, RG59/U, PTZ CONTROL WIRING BETWEEN THE CAMERA JUNCTION BOXES AND THE CAMERA.
  - 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 project	
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:		consultant	
MIKE VOLL		STANTEC CONSULTING LTD.	
drawn by: BR		project	D.F.R.P. No.
PWGSC/TPSGC		2012-06-20	
S.G.C.	C.G.T.	project no.	sheet
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	Item no.		
	D-E3		1 of de 1

FOR TENDER  
NOT TO BE USED FOR CONSTRUCTION