



CONT No
WP No 6109-10-01

ELBOW CREEK BRIDGE

GENERAL ARRANGEMENT

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SHEET

METRIC

- ### GENERAL NOTES
- THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS ON SITE PRIOR TO FABRICATION.
 - ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PROTECT THE EXISTING SURVEY WORKING POINTS FROM DAMAGE DURING CONSTRUCTION OPERATIONS.
 - PRIOR TO COMMENCING WORK THE CONTRACTOR SHALL PROVIDE ENVIRONMENTAL PROTECTION BY INSTALLING SILT AND SEDIMENT BARRIERS ALONG THE RIVERBANKS AS INDICATED IN THE CONTRACT DRAWINGS.
 - ALL TEMPORARY ROADWAY PROTECTION SYSTEMS SHALL CONFORM TO THE REQUIREMENTS OF PERFORMANCE LEVEL 2.

- ### CLASS OF CONCRETE
- ALL PRECAST CONCRETE..... 40 MPa
- ### CLEAR COVER TO REINFORCEMENT
- PRECAST CONC. FOOTINGS - 55±10mm
- ### REINFORCING - GENERAL:
- UNLESS OTHERWISE SHOWN, LAP LENGTHS NOT INDICATED ON THE DRAWINGS SHALL BE CLASS 'B'
 - BAR HOOKS WHERE REQUIRED, SHALL BE MINIMUM LENGTH AND STIRRUPS SHALL HAVE MINIMUM HOOKS UNLESS OTHERWISE SHOWN
 - REINFORCING STEEL SHALL BE GRADE 400W

- ### STEEL MULTIPLATE CORRUGATED BOX CULVERT GENERAL NOTES
- THE NEW RIGID FRAME STEEL BOX CULVERT SHALL BE INSTALLED AS PER MANUFACTURERS INSTRUCTIONS.
 - CULVERT ASSEMBLY, BACKFILLING AND COMPACTION OPERATIONS SHALL BE SUPERVISED BY THE SUPPLIER AND ACCORDING TO THE SUPPLIERS RECOMMENDATIONS. NO EQUIPMENT OR VEHICLE TRAFFIC SHALL BE ALLOWED ON OR OVER THE CULVERT UNTIL APPROVED BY THE CONTRACT ADMINISTRATOR.
 - CLASS 2 NON-WOVEN GEOTEXTILE SHALL BE PLACED AT THE INTERFACE OF ANY ROCKFILL AND GRANULAR 'A' BACKFILL
 - THE RIGID FRAME STEEL BOX BEAM CULVERT SHALL BE SUPER COR SYSTEM BY ATLANTIC INDUSTRIES LIMITED OR BRIDGE PLATE BY ARMETEC LIMITED.
 - THE RIGID FRAME BOX CULVERT SHALL BE SUPPLIED WITH A GALVANIZED COATING OF 1220g/m2.
 - THE RIGID FRAME BOX CULVERT SHALL BE DESIGNED IN ACCORDANCE WITH THE CANADIAN HIGHWAY BRIDGE CODE.

- ### LIST OF DRAWINGS
- GENERAL ARRANGEMENT
 - BOREHOLE LOCATION & SOIL STRATA - 1 of 2
 - BOREHOLE LOCATION & SOIL STRATA - 2 of 2
 - CONSTRUCTION STAGING 1 & 2
 - CONSTRUCTION STAGING 3 & 4
 - REMOVALS
 - PRECAST CONCRETE FOOTINGS LAYOUT & DETAILS
 - TEMPORARY TRAFFIC RAIL SYSTEM LAYOUT & DETAILS

REVISIONS		DESCRIPTION			
NO.	DATE	BY	CHK	APP	DESCRIPTION

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