

Request for Proposal Number MoDB-1612

ADDENDUM #1

Installation of Barrington River Trail Bridge

Further clarification on details of the Installation of the Barrington River Trail Bridge:

- Exact weight of Bridge: 6120 kg
- Exact length of Bridge: 17.169m
- The clear distance between the end walls for the existing abutments is 17.220m at centerline
- Engineering drawing is attached

2.1 Project Details and Scope of Work

- Secure and sign the site ensuring safety of trail users and workers;
- Obtain, implement and obey any environmental permits if required;
- To work with and coordinate the work with the bridge supplier;
- To remove the bridge superstructure from the delivery vehicle correctly, safely and without damage;
- To install the bridge superstructure correctly, safely and without damage on the previously prepared abutments **and between the end walls of the existing abutments;**
- To advise the contract agent as soon as possible of the site preparation requirements for the work to take place; **site preparations shall be carried out by the owner;**
- Restore existing trail or bridge abutments at areas damaged during construction, access routes, barriers and signs to condition prior to start of work

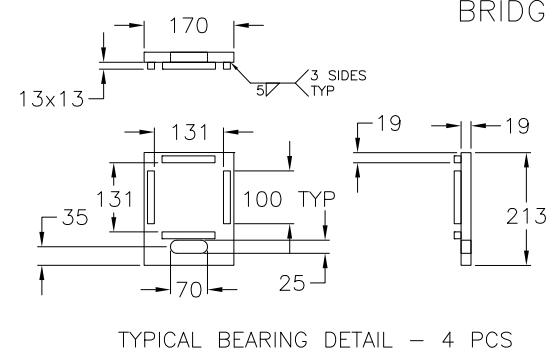
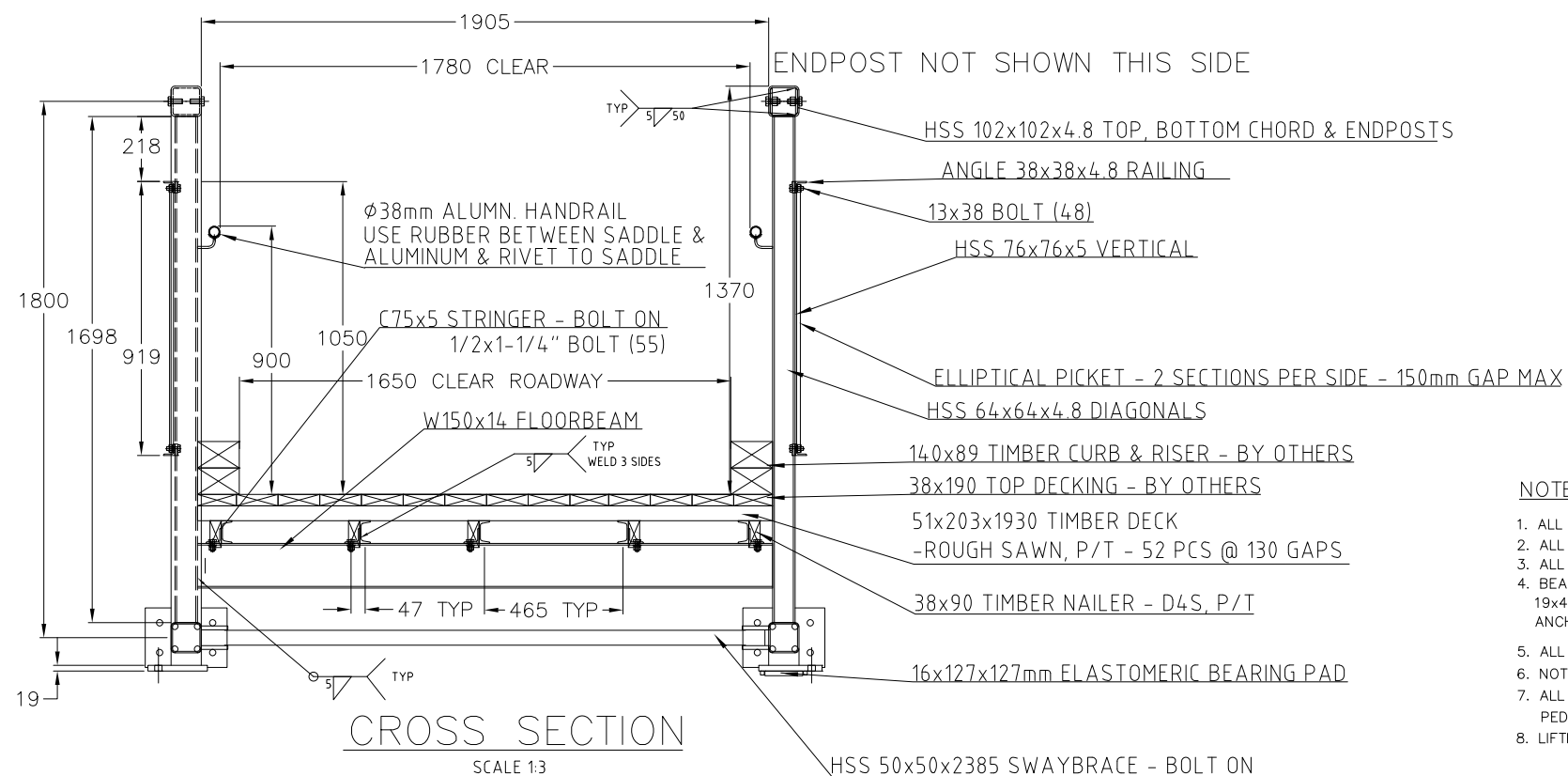
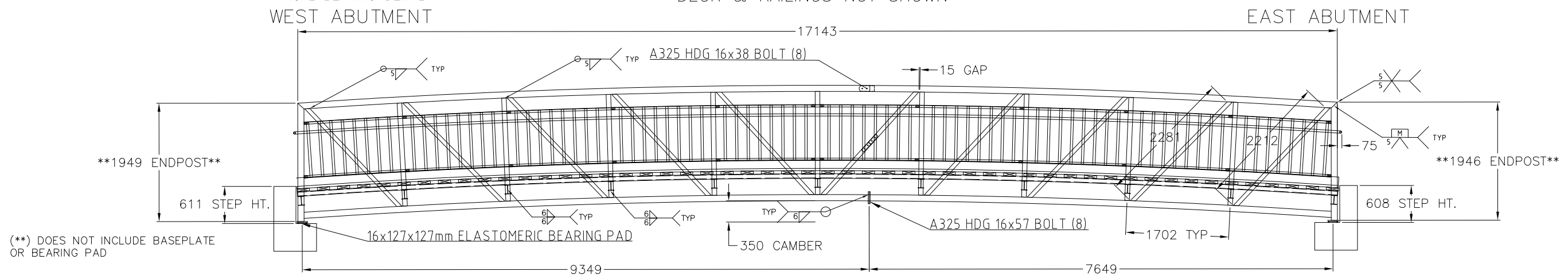
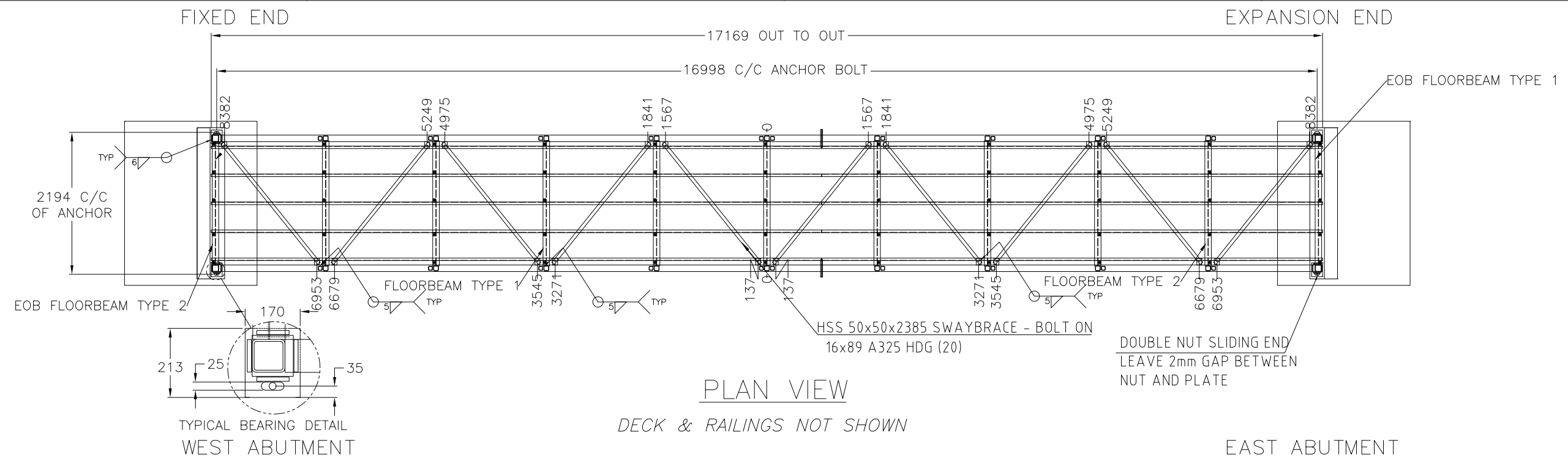
4.0 Proposal Requirements

Those wishing to respond to this RFP are respectfully requested to provide the following information in their written proposals:

- Understanding of the project. By virtue of submitting a proposal the contractor declares that he is familiar with the site and requirements to successfully complete the bridge installation;
- Proposed project approach, methodology, work plan and schedule.
- **The proponent shall provide details of the site preparation work required to accommodate the installation of the bridge.**
- Itemized budget and payment schedule (including HST and expenses);
- A profile of work team and description of experience with successful similar projects; and
- Proof of Insurance
- Three references

5.0 Proposal Evaluation

The evaluation will be based on the information supplied regarding ~~paragraphs~~ **sections** 2, 3 and 4 using the following criteria:



NOTES:

- ALL STRUCTURAL STEEL TUBING TO BE EQUIVALENT TO CSA G40.21M GRADE 350W
- ALL FABRICATION TO BE IN ACCORDANCE WITH CAN/CSA S6-14
- ALL BEARING PLATES (FIXED & SLIDING) TO BE SHOP FITTED.
- BEARING PLATES TO BE SECURED TO FOUNDATIONS WITH 19x400 MIN'M T'ROD ANCHOR BOLTS (HOT DIP GALVANIZED) - SUPPLIED BY ALGB. ANCHOR BOLT DESIGN ONLY VERIFIED FOR STEEL STRENGTH
- ALL WELDING TO BE IN ACCORDANCE WITH CSA W59-03.
- NOTCH ALL VERTICAL AND DIAGONAL MEMBERS ON BRIDGE TRUSS FOR GALV. VENT
- ALL VENT HOLES IN THE VERTICAL AND DIAGONAL AT TOP TO FACE AWAY FROM PEDESTRIANS AND ON BOTTOM OF CHORD TO FACE OPPOSITE OF TOP.
- LIFTING POINTS AROUND TOP CHORDS - ONE BAY EITHER SIDE OF CENTER.

DESIGN LOADS:


DESIGN CONFORMS TO CAN/CSA-S6-14, THE CANADIAN HIGHWAY BRIDGE DESIGN CODE.

PEDESTRIAN LOAD - 4.0 kPa
GROUND SNOW LOAD $S_s = 2.0$ kPa, $S_r = 0.2$ kPa
PEDESTRIAN AND SNOW LOADS CONSIDERED SEPARATELY

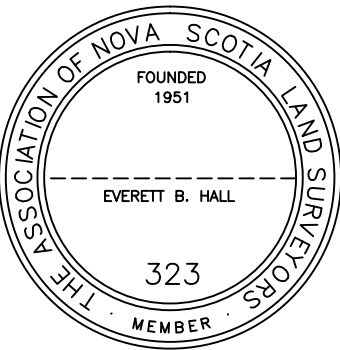
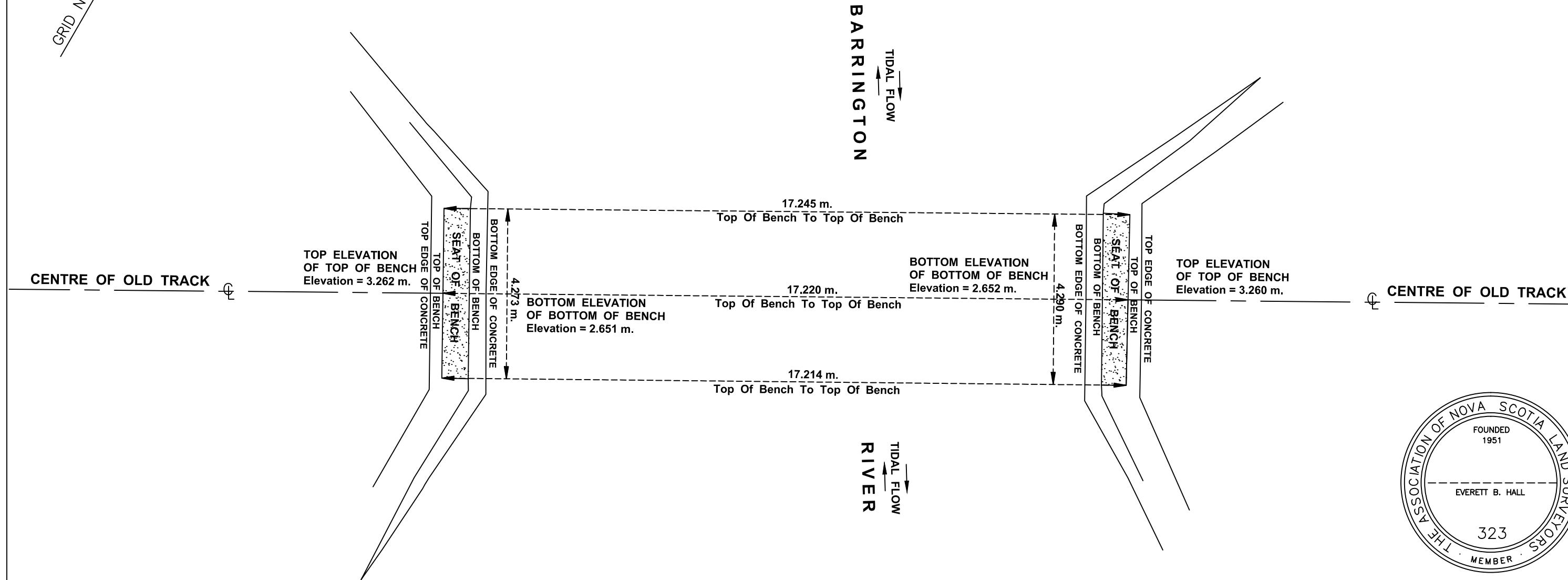
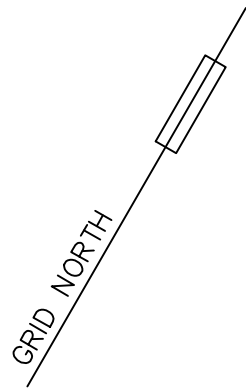
UN-FACTORED REACTION LOADS:

DEAD LOAD: 15 kN/CORNER
LIVE LOAD: 28 kN/CORNER



ITEM	DESCRIPTION	SIZE	MATERIAL	DIMENSION	WEIGHT	QTY.	
E							
D							
C	RE-ISSUED FOR APPROVAL – BEARING DETAIL ADDED			OCT.20.16	HGB	JD	
B	RE-ISSUED FOR APPROVAL – CAMBER ADDED			OCT.19.16	HGB	JD	
A	ISSUED FOR APPROVAL			OCT.07.16	HGB	JD	
Rev.	DETAILS			DATE	NAME	CHECKED	
CLIENT NAME					Tolerance		
MUNICIPALITY OF THE DISTRICT OF BARRINGTON					ISO 2768--m		
DRAWING TITLE							
BARRINGTON PEDESTRIAN BRIDGE							
17.04m x 1.65m							
HOT DIP GALVANIZE FINISH							
 1471 SNOW VALLEY ROAD MINESING, ONTARIO, L0L 1Y3 TEL : 705 733 9555 FAX : 705 733 8240				DRAWING No.		REVISION	
				2014-02400		C	
				DRAWN BY H. Gaffoor		DATE OCT.07.2016	SHEET No.
				CHECKED BY J. Diotte		DATE	SCALE N.T.S.
				WEIGHT 6120.0 Kg.			

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ELEVATION NOTE :
ELEVATIONS WERE DERIVED FROM THE BENCHMARK
USED , BEING N.S.C.M. 25048 , WITH AN ELEVATION OF
5.145 m. (CGVD28) .

SITE PLAN
SHOWING
CONCRETE ABUTMENTS FOR NEW BRIDGE SPAN
FOR
MUNICIPALITY OF THE DISTRICT OF BARRINGTON
AT
BARRINGTON HEAD
SHELBURNE COUNTY , NOVA SCOTIA

SCALE : 1 : 100 (Metric)

