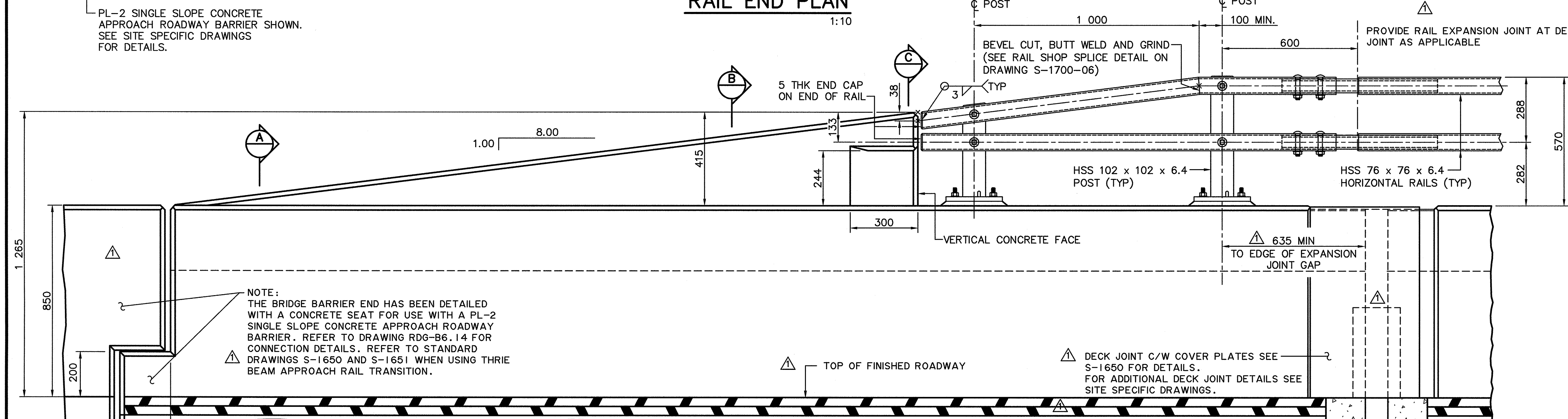


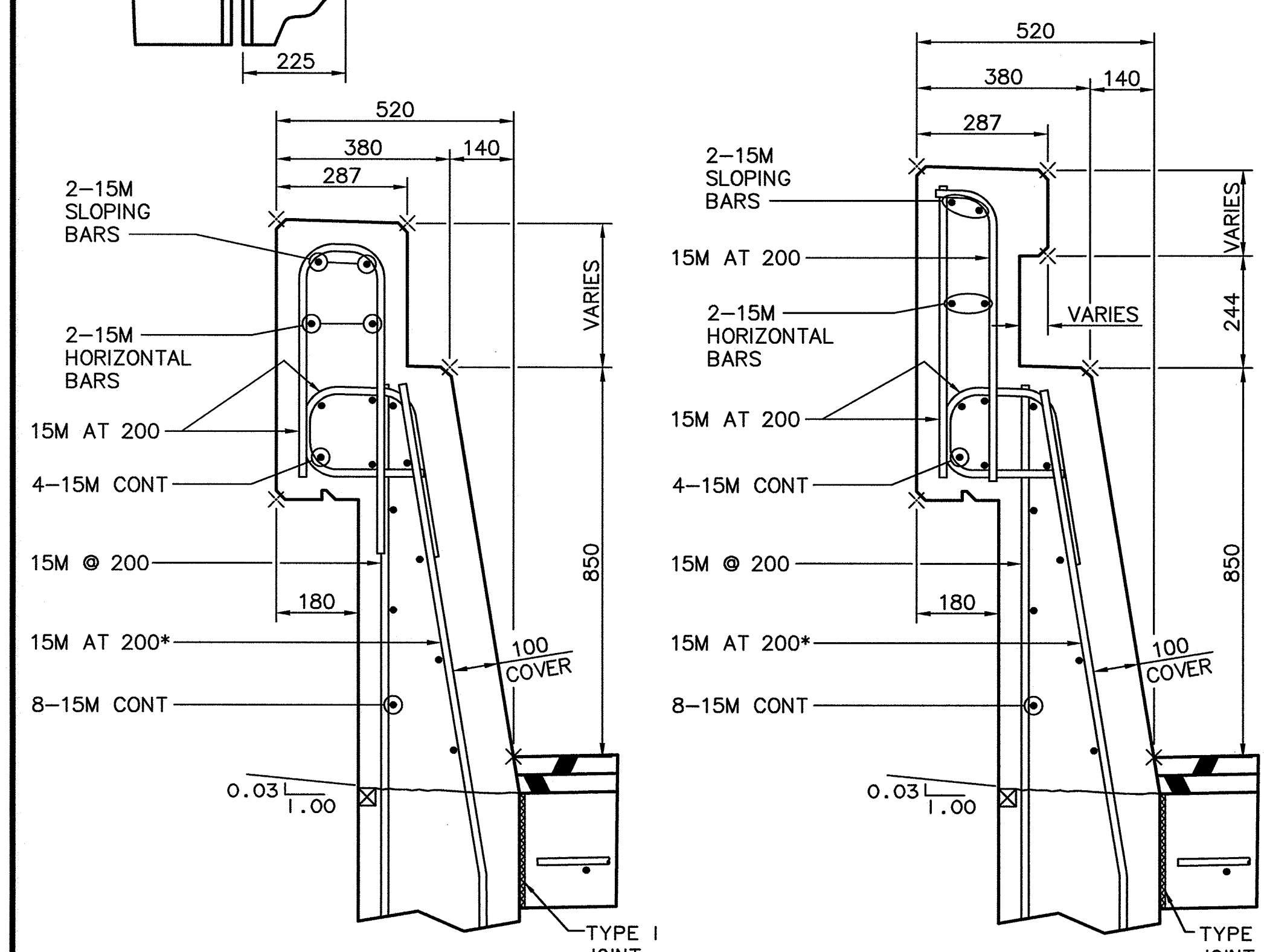
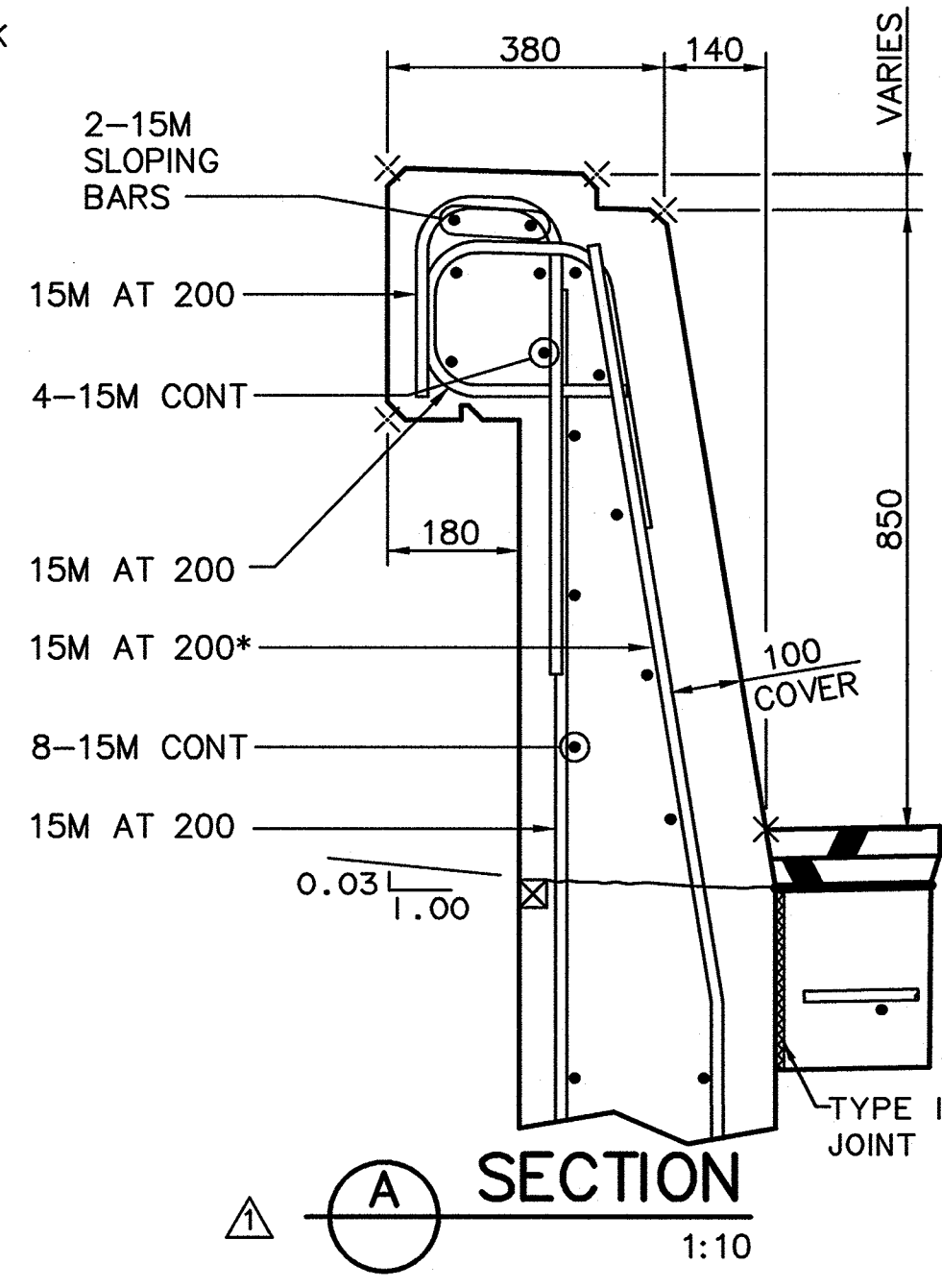
RAIL END PLAN
1:10

- GENERAL NOTES**
1. ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 45 MPa.
 2. ALL CONCRETE CORNERS SHALL HAVE A 20 mm CHAMFER OR FILLET UNLESS NOTED OTHERWISE.
 3. ALL REINFORCING STEEL SHALL HAVE A MINIMUM 50 mm CLEAR COVER UNLESS NOTED OTHERWISE.
 4. ALL REINFORCING STEEL SHALL BE EPOXY COATED AND CONFORM TO CAN/CSA-G30.18, GRADE 400.
 5. THE 8:1 SLOPE IS MEASURED WITH RESPECT TO THE ROADWAY GRADE.

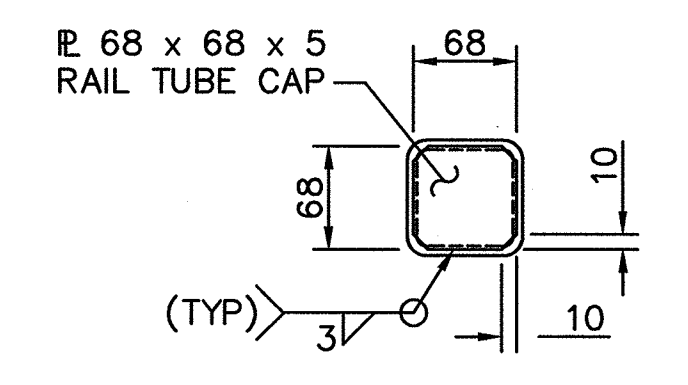
* 2-15M BUNDLED AT 200 mm WITHIN 1 000 OF CONTROL JOINTS, EXPANSION JOINTS, OR BRIDGE BARRIER END.



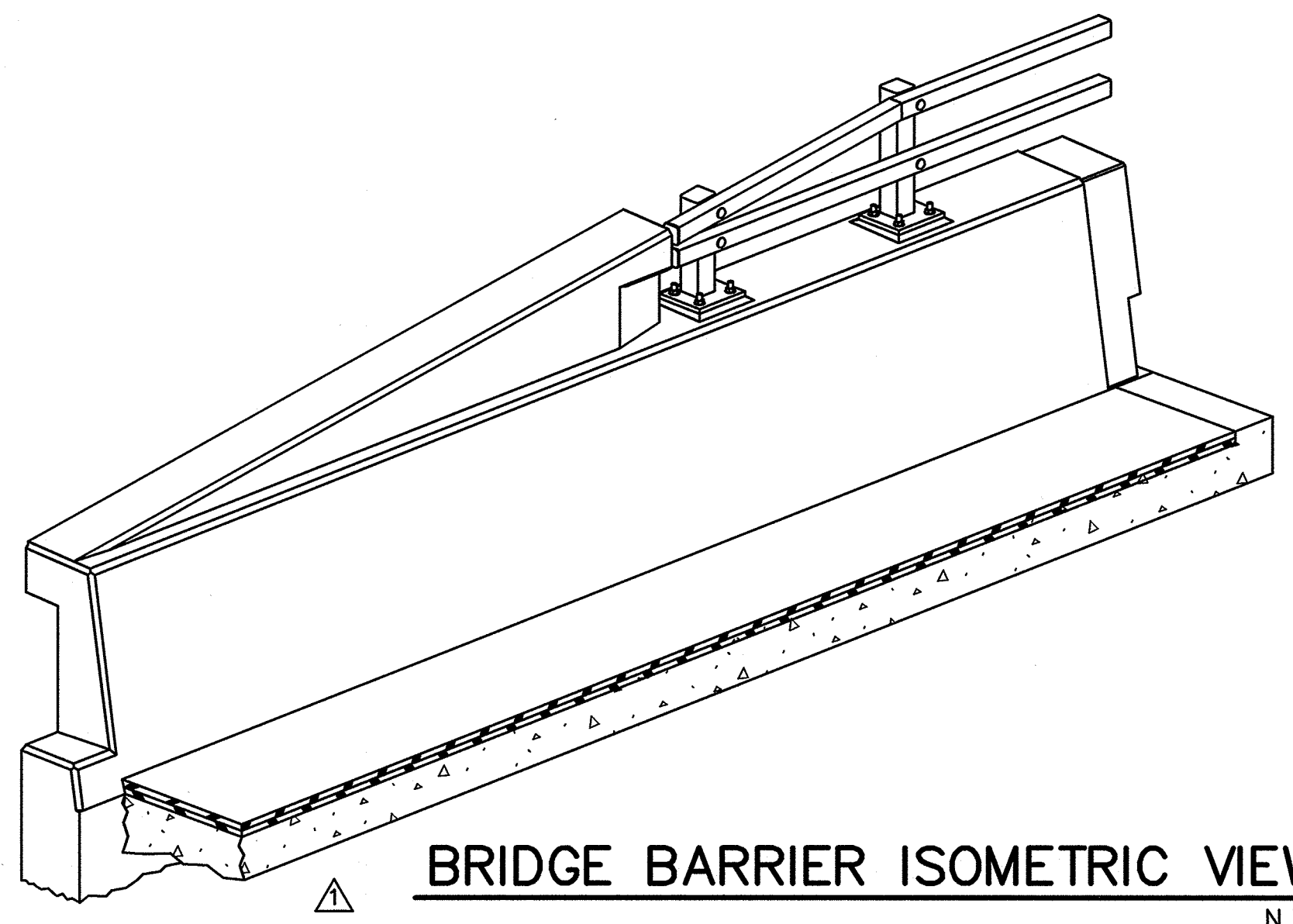
RAIL END ELEVATION
1:10



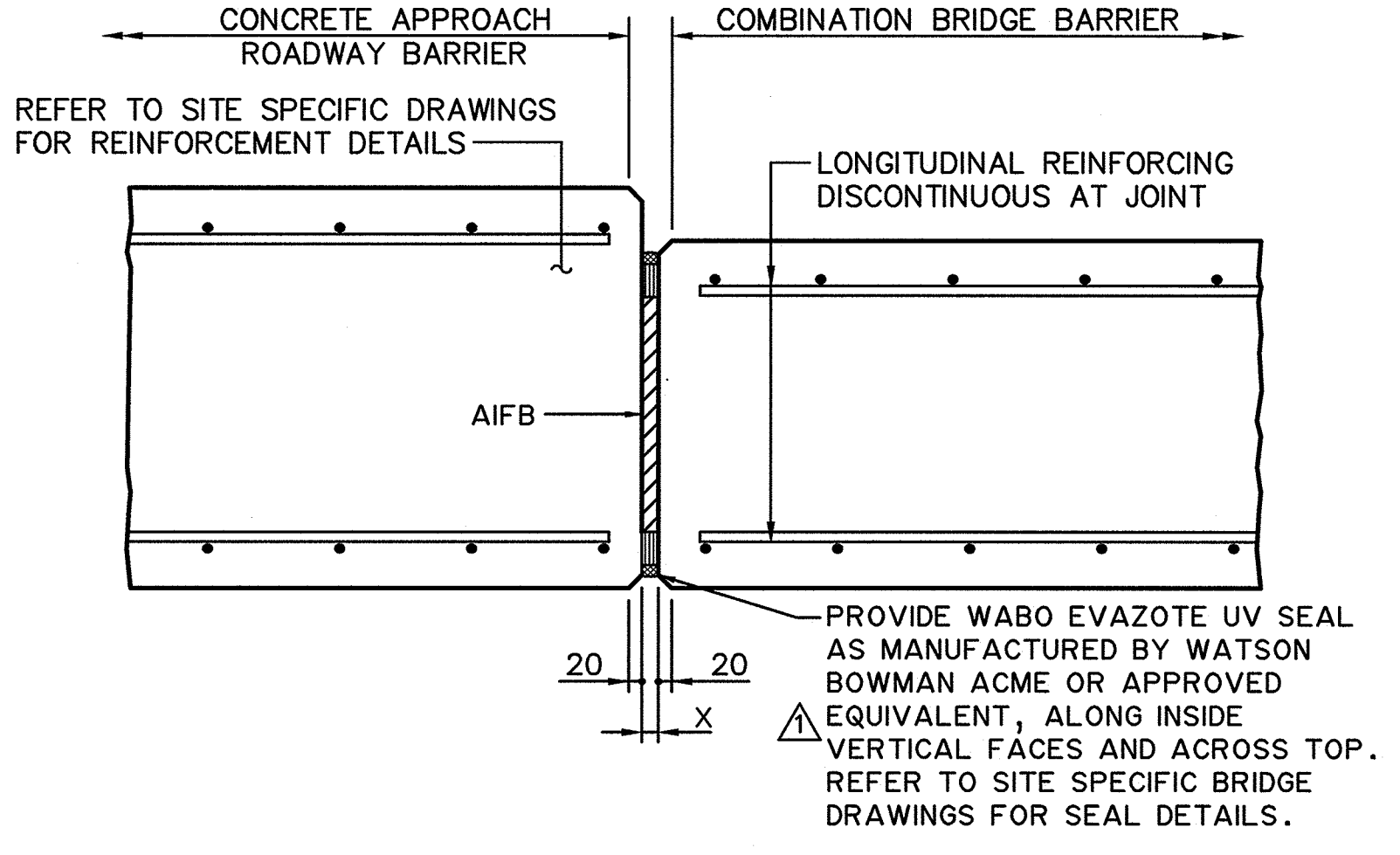
END CAP DETAIL
1:5



NOTE: THE BRIDGE BARRIER END HAS BEEN DETAILED WITH A CONCRETE SEAT FOR USE WITH A PL-2 SINGLE SLOPE CONCRETE APPROACH ROADWAY BARRIER. REFER TO DRAWING RDG-B6.14 FOR CONNECTION DETAILS. REFER TO STANDARD DRAWINGS S-1650 AND S-1651 WHEN USING THRIE BEAM APPROACH RAIL TRANSITION.



BRIDGE BARRIER ISOMETRIC VIEW
N.T.S.



DETAIL - BARRIER JOINT
1:10

• WORK THESE DRAWINGS TOGETHER: S-1700-06 AND S-1701-06

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PERMIT TO PRACTICE
UMA ENGINEERING LTD.
PERMIT NUMBER: P 329
ORIGINAL STAMPED AND SIGNED
BY: D. C. OLIVER
ON: MAY 8, 2006
The Association of Professional Engineers,
Geologists and Geophysicists of Alberta

DESIGNER
CHECKER

ORIGINAL STAMPED AND SIGNED
BY: D. A. NIJE
ON: MAY 4, 2006

ORIGINAL STAMPED AND SIGNED
BY: R. J. RAMSAY
ON: MAY 4, 2006

REV	DATE	REVISIONS	BY
1	2009-10-30	BRIDGE BARRIER REVISED	CM

RECOMMENDED
DIRECTOR BRIDGE ENGINEERING

ORIGINAL SIGNED BY
TOM LOO

APPROVED
EXECUTIVE DIRECTOR
TECHNICAL STANDARDS BRANCH

ORIGINAL SIGNED BY
ALLAN KWAN

DATE MAY 23, 2006

Alberta INFRASTRUCTURE AND TRANSPORTATION

**PL-2 COMBINATION BARRIER
BARRIER END DETAILS**

AI BAR CODE	DATE	SHEET	DRAWING
	2005-11-01	2 of 2	S-1701-06