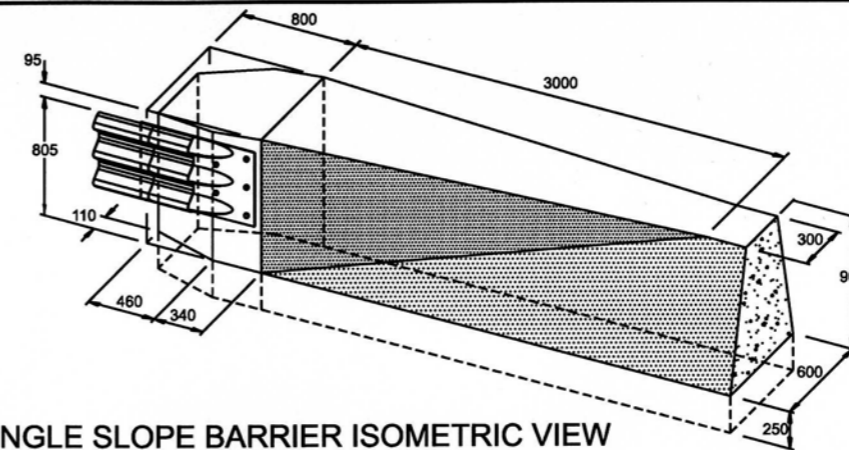
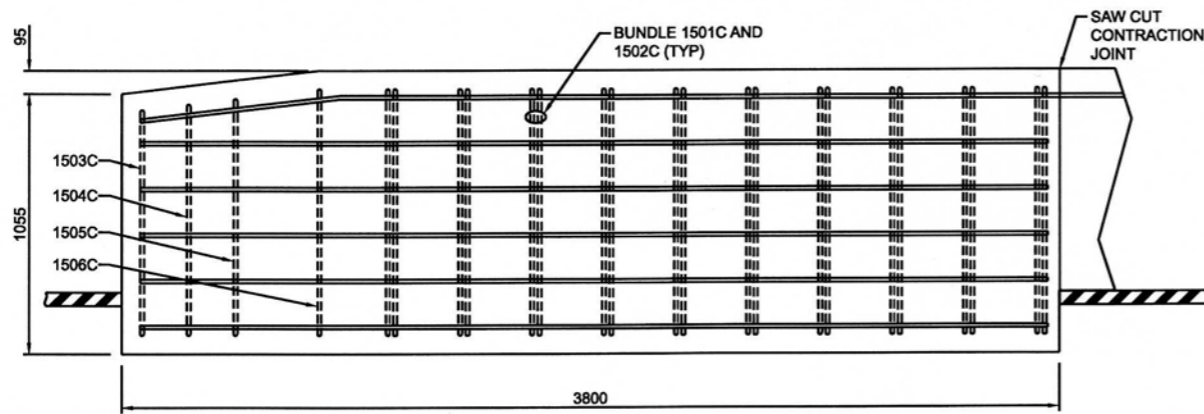


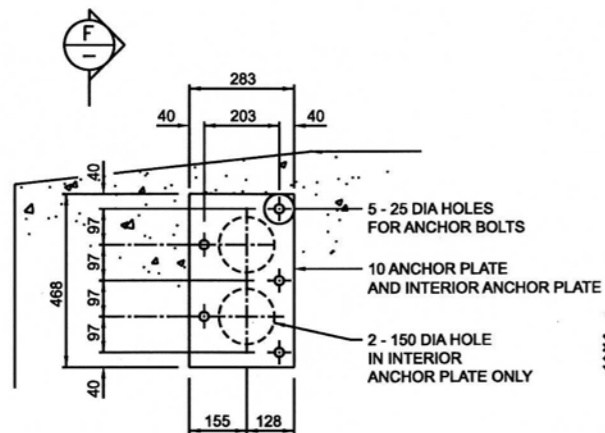
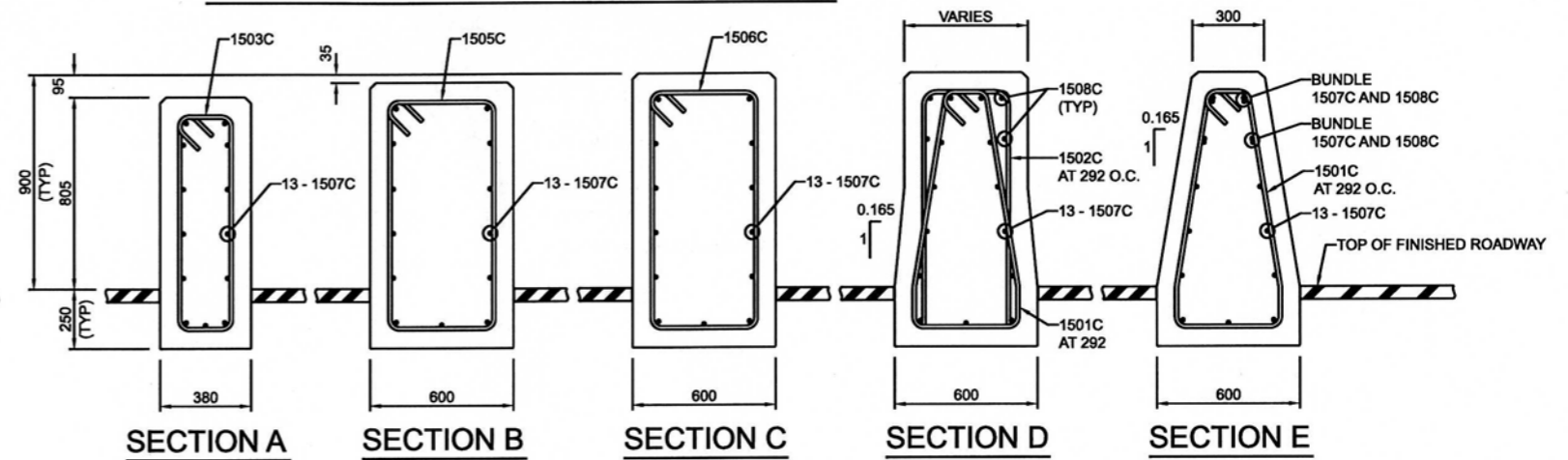
BARRIER REINFORCEMENT PLAN



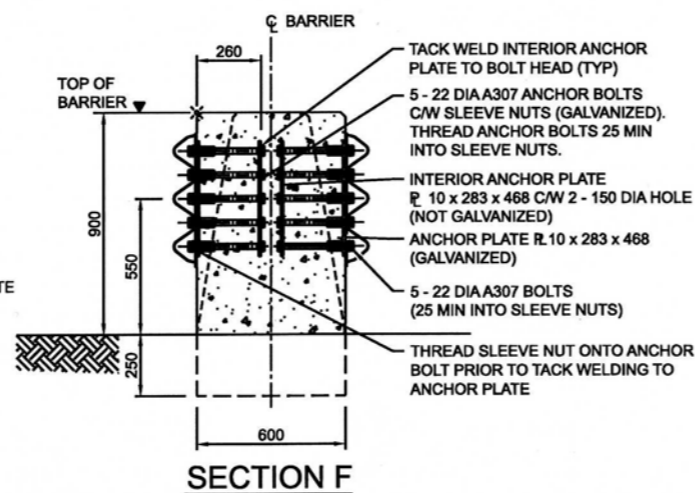
SINGLE SLOPE BARRIER ISOMETRIC VIEW



BARRIER REINFORCEMENT ELEVATION



DETAIL 1
APPROACH RAIL TRANSITION ANCHORAGE
(THREE BEAM TERMINAL CONNECTOR
NOT SHOWN FOR CLARITY)

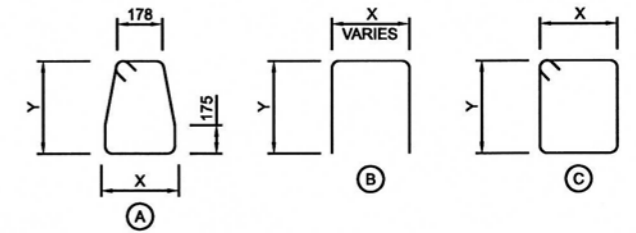


BAR LIST: BARRIER

MARK	SIZE	NO.	TYPE	X	Y	LENGTH	MASS
1501C	15	10	A	450	1 000	2 930	46
1502C	15	10	B	X VARIES FROM 422 TO 190 IN INCREMENTS OF 29, ONE BAR AT 178	1 000	2 295 (AVG)	36
1503C	15	1	C	265	900	2 550	4
1504C	15	1	C	380	930	2 620	4
1505C	15	1	C	450	955	2 810	4
1506C	15	1	C	450	1 000	2 900	5
1507C	15	13	STR	-	-	2 850	53
1508C	15	4	STR	-	-	3 650	23

EPOXY COATED TOTAL kg = 175

- BAR LIST NOTES:**
- DIAMETERS OF ALL BENDS AND DETAILS OF ALL HOOKS, UNLESS NOTED OTHERWISE, SHALL CONFORM TO THE RECOMMENDED SIZES DETAILED IN THE REINFORCING STEEL MANUAL OF STANDARD PRACTICE, FIRST CANADIAN EDITION 1992, PUBLISHED BY THE REINFORCING INSTITUTE OF CANADA.
 - REINFORCING STEEL SHALL BE IN ACCORDANCE WITH CAN/CSA-G30.18M92 "BILLET STEEL BARS FOR CONCRETE REINFORCEMENT".
 - ALL REINFORCING STEEL SHALL BE GRADE 400 UNLESS NOTED OTHERWISE.
 - "C" DENOTES EPOXY COATED REINFORCEMENT.
 - ALL CONCRETE SHALL BE MODIFIED CLASS C UNLESS OTHERWISE SPECIFIED (MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 35 MPa).
 - ALL CONCRETE CORNERS SHALL HAVE A 20 CHAMFER OR FILLET UNLESS NOTED OTHERWISE.
 - ALL REINFORCING STEEL SHALL HAVE 75 CLEAR COVER UNLESS NOTED OTHERWISE.



No.	REVISIONS	BY	DATE

Approved: *Alan Swan*
Executive Director,
Technical Standards Branch

Date: NOVEMBER, 2007

Alberta
INFRASTRUCTURE AND
TRANSPORTATION

**TRANSITION OF TL-4
SINGLE SLOPE CONCRETE BARRIER
TO W-BEAM MEDIAN GUARDRAIL
SHEET 2 OF 2**

Prepared By: MO Checked By: WS Scale: N.T.S. Dwg No.: **RDG-B6.13**

ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED.