

BAR TYPES

ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL
FOR CONCRETE BARRIER RAIL ONLY

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* S1	427	#16	1	1400	928
* S2	427	#16	2	1580	1047
* B1	49	#16	STR	6800	517
* B2	49	#16	STR	6940	528
* B3	7	#16	STR	6340	69
* B4	7	#16	STR	6640	72
* B5	7	#16	STR	6580	71
* B6	7	#16	STR	6680	73

* EPOXY COATED REINFORCING STEEL 3305 kg

CLASS AA CONCRETE 31.2 CU. METER

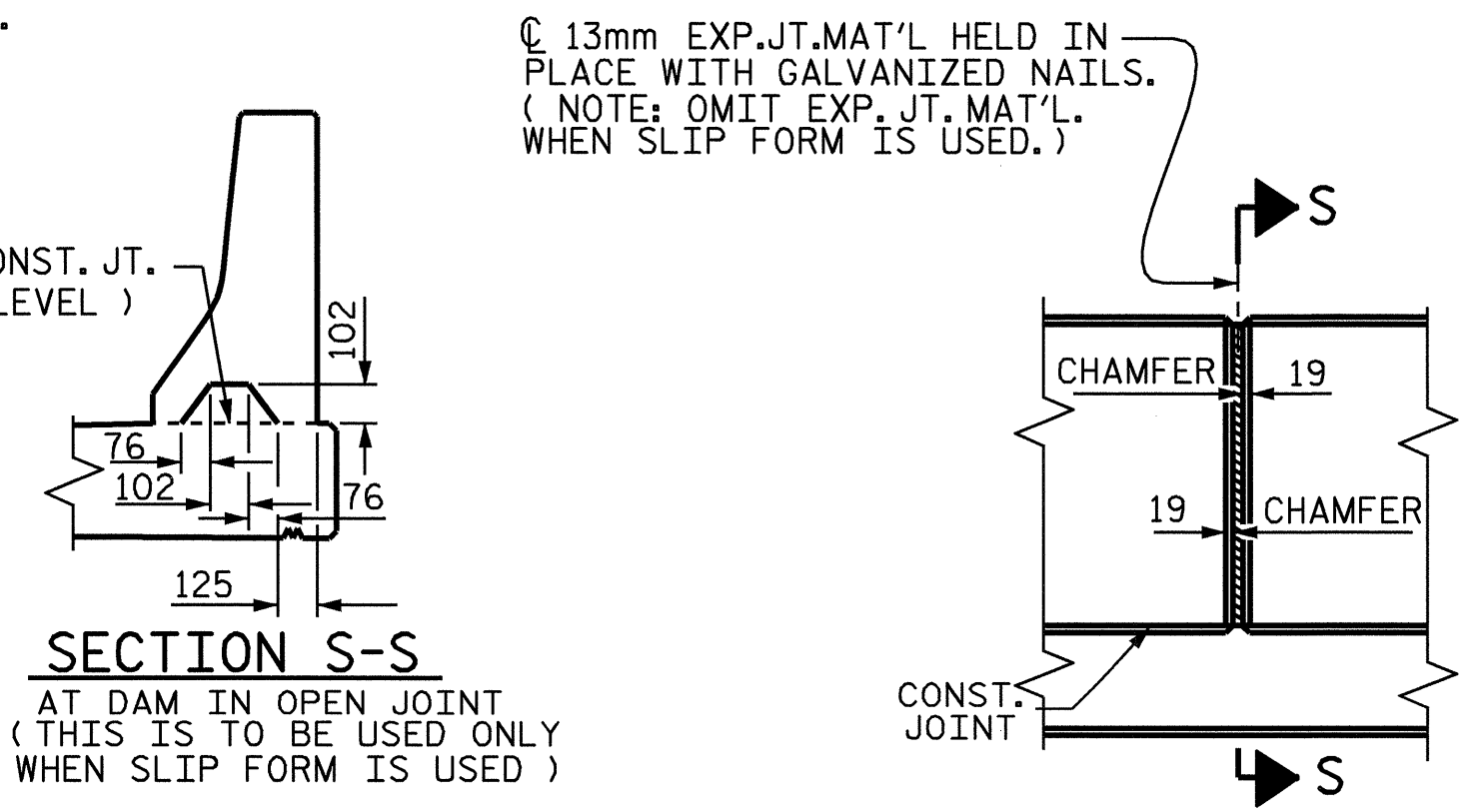
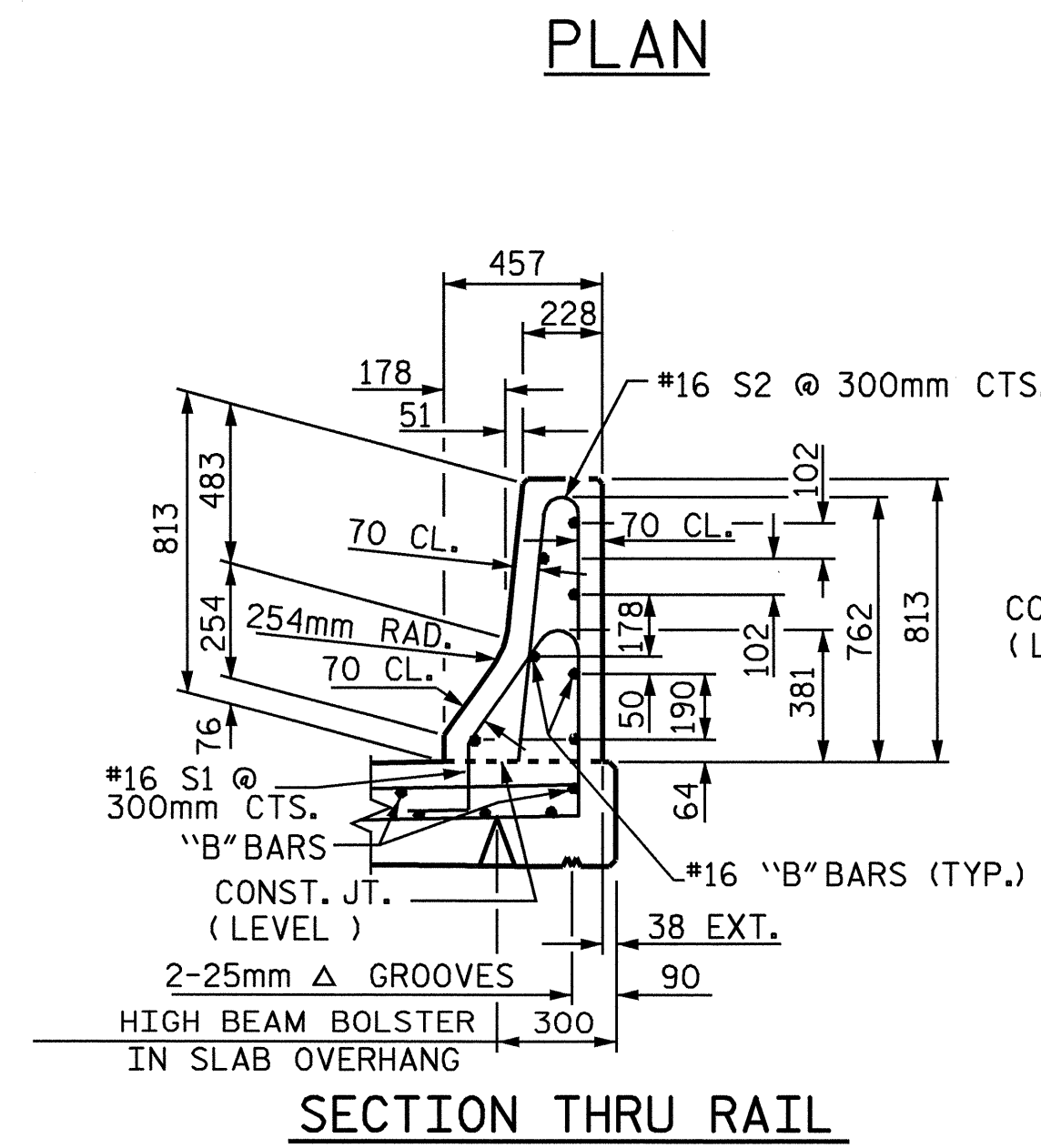
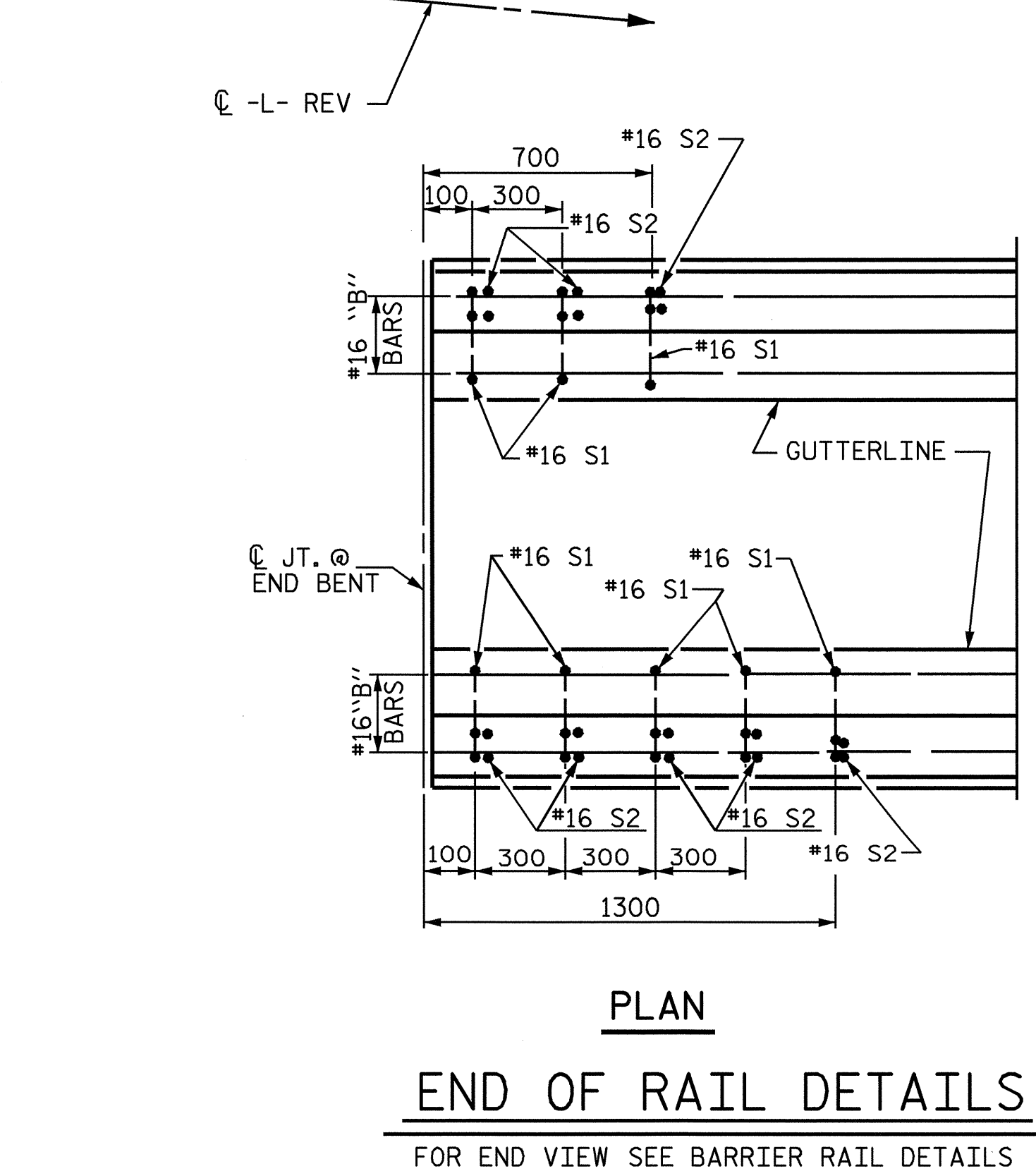
CONCRETE BARRIER RAIL 124,295 METERS

NOTES

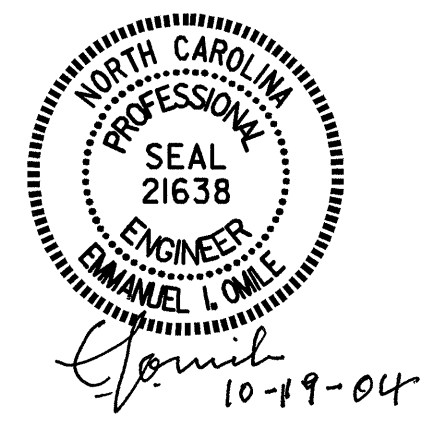
THE BARRIER RAIL IN EACH CONTINUOUS UNIT SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THAT CONTINUOUS UNIT HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 20.7 MPa.

ALL REINFORCING STEEL IN BARRIER RAILS SHALL BE EPOXY COATED.

VERTICAL GROOVED CONTRACTION JOINTS, 12mm IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE BARRIER RAIL AND IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINT SHALL BE LOCATED AT EACH THIRD POINT BETWEEN BARRIER RAIL EXPANSION JOINTS. ONLY ONE CONTRACTION JOINT IS REQUIRED AT MIDPOINT OF BARRIER RAIL SEGMENTS LESS THAN 6.1m IN LENGTH AND NO CONTRACTION JOINTS ARE REQUIRED FOR THOSE SEGMENTS LESS THAN 3.5m IN LENGTH.



PROJECT NO. R-2562C
BLADEN COUNTY
STATION: 178+79.500 -L- REV



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

STANDARD CONCRETE BARRIER RAIL (LEFT LANE)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-15
1			3			TOTAL SHEETS
2			4			68

ASSEMBLED BY : J. G. KHARVA DATE : 06/14/04
CHECKED BY : E. I. OMLE DATE : 08/25/04
DRAWN BY : ARB 5/87 REV. 8/16/99 RWW/LES
CHECKED BY : SJD 9/87 REV. 10/17/00 RWW/LES
REV. 5/7/03R RWW/JTE