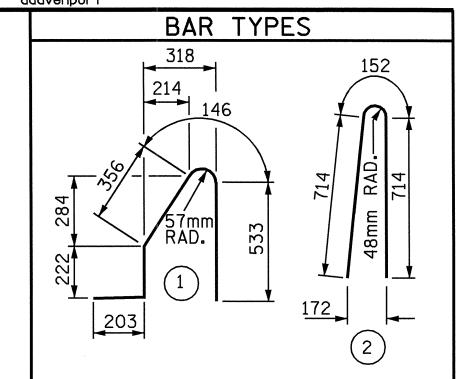


## NOTES

THE BARRIER RAIL IN A CONTINUOUS UNIT SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THE 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.



ALL BAR DIMENSIONS ARE OUT TO OUT BILL OF MATERIAL FOR CONCRETE BARRIER RAIL ONLY BAR NO. SIZE TYPE LENGTH WEIGHT \* B1 | 70 | #16 | STR | 8620 \* B2 | 56 | #16 | STR | 5000 435

2

1580

924

1000

3295 kg

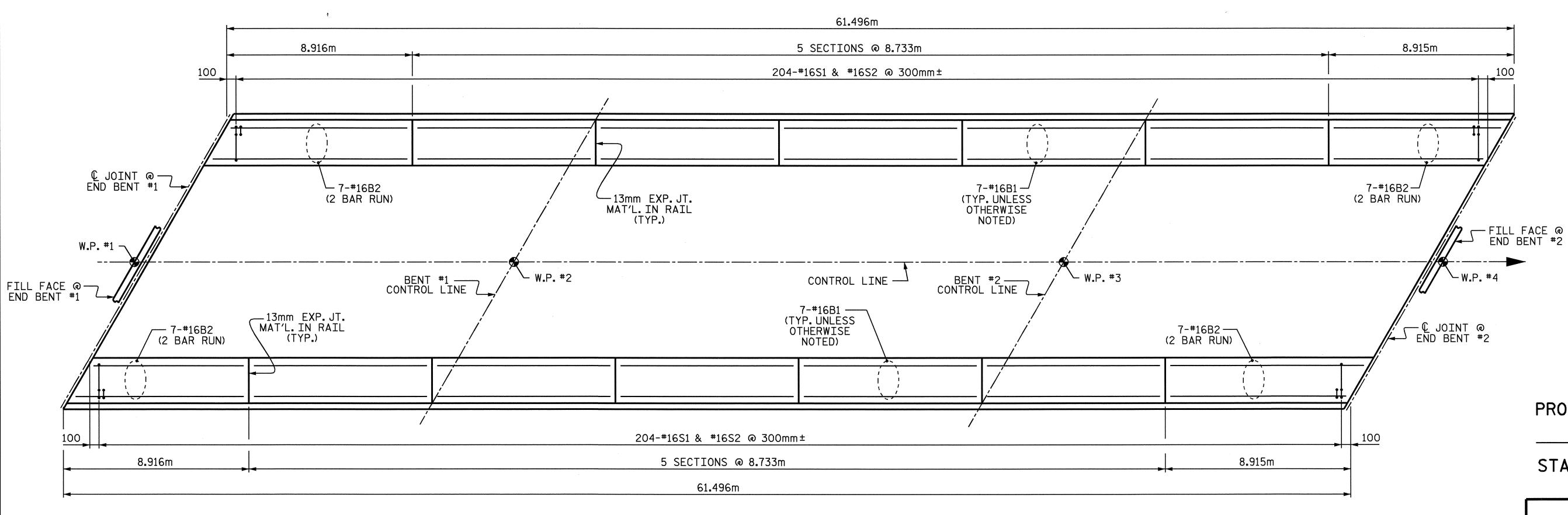
\* EPOXY COATED REINFORCING STEEL

\* S2 | 408 | #16 |

CLASS AA CONCRETE 30.9 CU. METER

\* S1 | 408 | #16 | 1 | 1460

122.99 METERS CONCRETE BARRIER RAIL



PROJECT NO. R-2610B CHATHAM COUNTY STATION: 22+83.400-L-

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

CONCRETE BARRIER RAIL

REVISIONS						SHEET NO.
ο.	BY:	DATE:	NO.	BY:	DATE:	S-15
			3			TOTAL SHEETS
2			4			60
3	STR. #1		STD, No. CBR1SM			

CHECKED BY: G. M. PATTERSON DATE: 10/03 REV. 8/16/99 RWW/LES REV. 10/17/00 RWW/LES REV. 5/7/03 RWW/JTE DRAWN BY: ARB 5/87 CHECKED BY: SJD 9/87

DATE: 9-23-03

ASSEMBLED BY : H. T. BARBOUR

-#16 S2 @ 300mm CTS.

ان —19mm CHAMFER

~#16 ``B"BARS (TYP.)

38 EXT.

SECTION THRU RAIL

70 CL.

CONST. JT.

2-25mm △ GROOVES

BEAM BOLSTER

IN SLAB OVERHANG

(LEVEL)

CONST. JT. -

125

SECTION S-S

AT DAM IN OPEN JOINT (THIS IS TO BE USED ONLY

WHEN SLIP FORM IS USED )

(LEVEL)

STD. No. CBR1SM