

END OF RAIL DETAILS

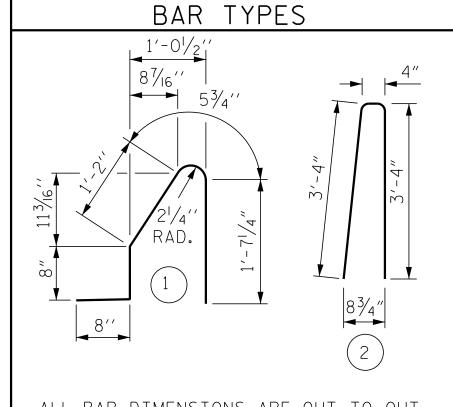
NOTES

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 3,000 PSI.

ALL REINFORCING STEEL IN BARRIER RAILS SHALL BE EPOXY COATED.

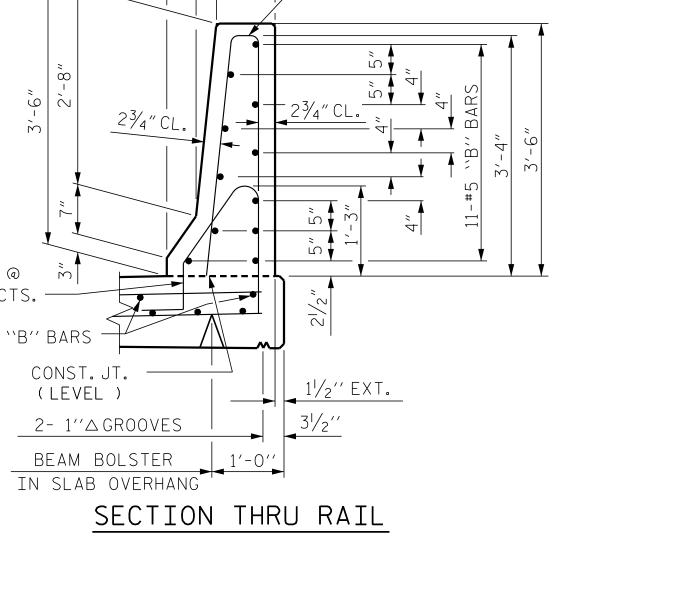
GROOVED CONTRACTION JOINTS, $\frac{1}{2}$ " IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE BARRIER RAIL AND IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINT SHALL BE LOCATED AT EACH THIRD POINT BETWEEN BARRIER RAIL EXPANSION JOINTS. ONLY ONE CONTRACTION JOINT IS REQUIRED AT MIDPOINT OF BARRIER RAIL SEGMENTS LESS THAN 20 FEET IN LENGTH AND NO CONTRACTION JOINTS ARE REQUIRED FOR THOSE SEGMENTS LESS THAN 10 FEET IN LENGTH.

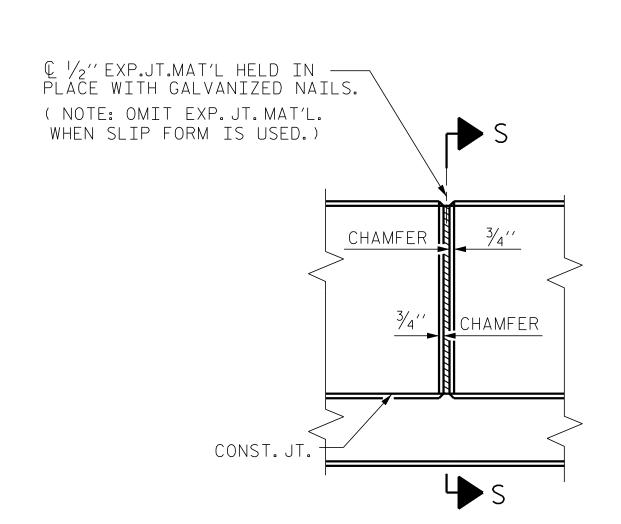
__#5 S2 @ 1'-0'' CTS.



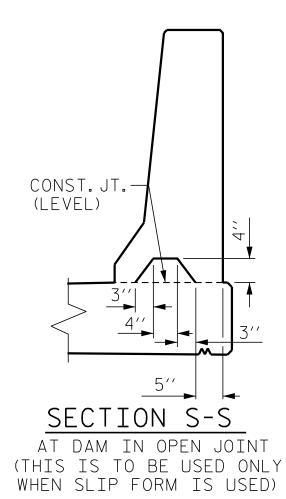
BILL OF MATERIAL									
FOR CONCRETE BARRIER RAIL ONLY									
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT				
* B1	132	#5	STR	22'-7"	3109				
★ B2	88	#5	STR	13′-5″	1231				
* S1	370	#5	1	4'-7"	1769				
* S2	370	#5	2	7′-0″	2701				

* EPOXY COATED	
REINFORCING STEEL	8,810 LBS.
CLASS AA CONCRETE	50.1 CU. YDS.
CONCRETE BARRIER RATI	368 51 I TN FT





ELEVATION AT EXPANSION JOINTS

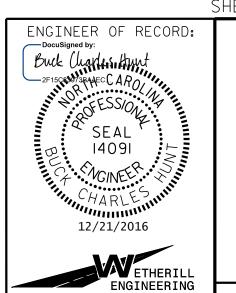


PROJECT NO. R-5311A

HERTFORD

STATION: 25+47.22 -Y1-

SHEET 2 OF 2



Raleigh, N.C. 27606 Bus: 919 851 8077 Fax: 919 851 8107 LICENSE NO. F-0377

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

COUNTY

CONCRETE BARRIER RAIL

	SHEET NO				
BY:	DATE:	NO.	BY:	DATE:	S01-16
		∞			TOTAL SHEETS
		ক্ট			61

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETE

CHECKED BY : B.C. HUNT

_ DATE : 4-16

#5 S2

BARRIER RAIL DETAILS

#5 S1 @

1'-0'' CTS.

"B" BARS

CONST. JT.

(LEVEL)