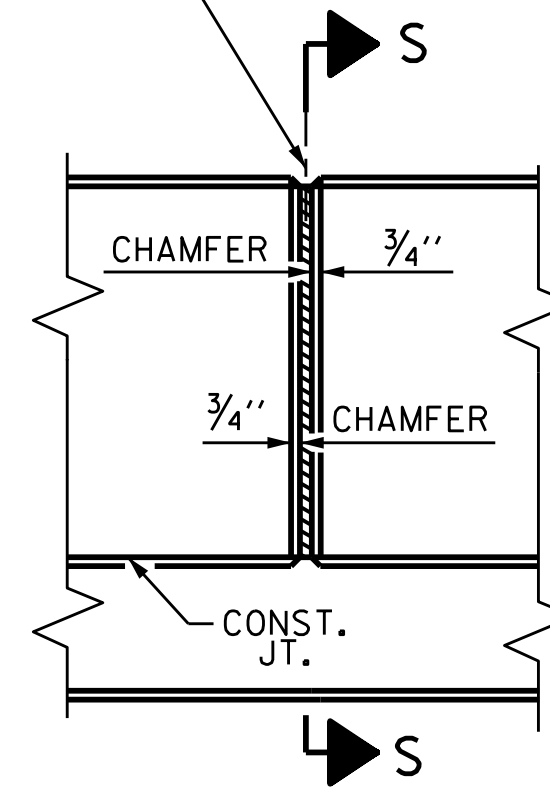
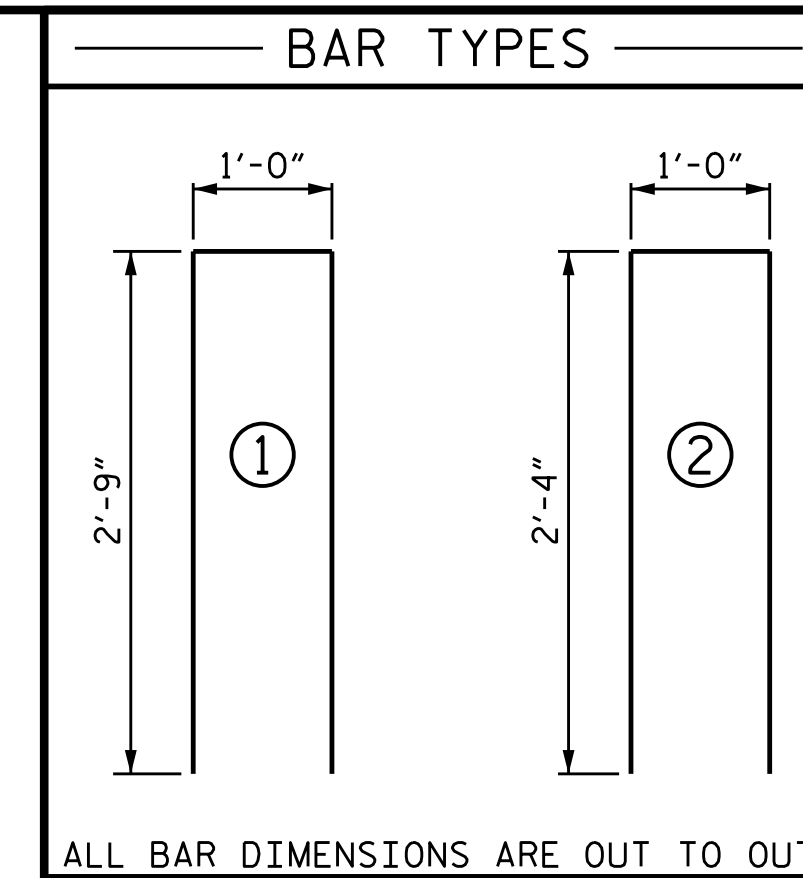


SECTION THROUGH PARAPET
 THE #5 S3 BARS SHALL BE ADHESIVELY ANCHORED. THE YIELD LOAD FOR THE #5 S3 BARS IS 18.6 KIPS. FIELD TESTING FOR THE ADHESIVE BONDING SYSTEM IS NOT REQUIRED.

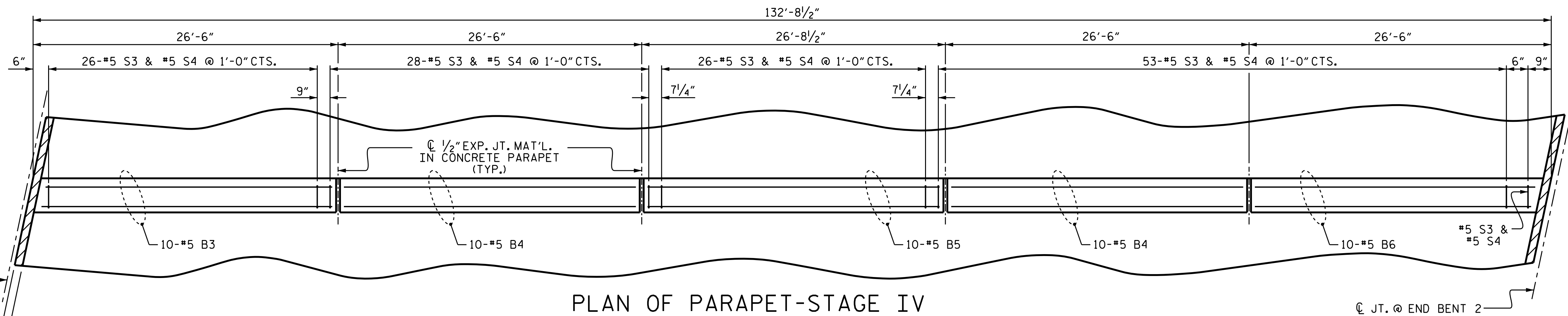
1/2" EXP. JT. MAT'L HELD IN PLACE WITH GALVANIZED NAILS.



**ELEVATION AT EXPANSION JOINTS
 BARRIER RAIL DETAILS**



BILL OF MATERIAL-STAGE IV					
CONCRETE PARAPET					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B3	10	#5	STR	25'-10"	269
* B4	20	#5	STR	26'-1"	544
* B5	10	#5	STR	26'-4"	275
* B6	10	#5	STR	25'-6"	266
* S3	134	#5	1	6'-6"	908
* S4	134	#5	2	5'-8"	792
* EPOXY COATED REINF. STEEL					3054 LBS.
CLASS AA CONCRETE					22.9 C.Y.
1'-4" X 3'-6" CONCRETE PARAPET					132.71 L.F.



PLAN OF PARAPET-STAGE IV

PROJECT NO. B-5121/B-5317
 WAKE COUNTY
 STATION: 22+06.91 -L-

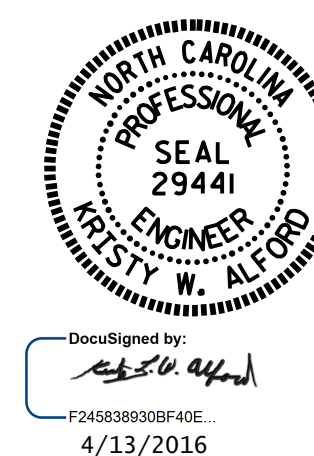
NOTES

ALL REINFORCING STEEL IN PARAPET SHALL BE EPOXY COATED.

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

PARAPET IN THE SPAN SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THE SPAN HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

FOR CONCRETE PARAPET ON APPROACH SLABS, SEE APPROACH SLAB SHEETS.



DocuSigned by:
 F24583930BF40E
 4/13/2016

STATE OF NORTH CAROLINA					
DEPARTMENT OF TRANSPORTATION					
RALEIGH					
SUPERSTRUCTURE					
CONCRETE PARAPET					
DETAILS					
STAGE IV					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED					S-22
					TOTAL SHEETS 110

DRAWN BY :	I.L. AVERETTE	DATE :	1-16
CHECKED BY :	J.P. ADAMS	DATE :	2-16
DESIGN ENGINEER OF RECORD:	I.L. AVERETTE	DATE :	2-16