

NOTE:
FOR PLAN OF PARAPET, SEE SHEET 7 OF 8

NOTES

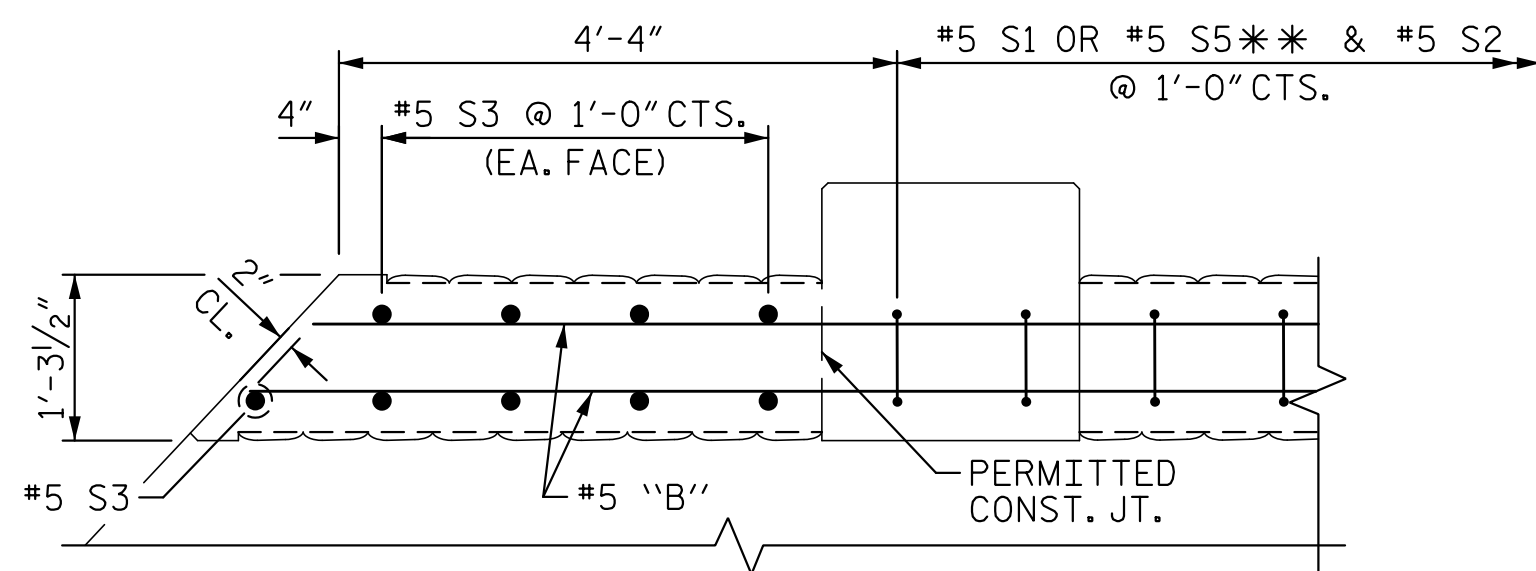
ALL REINFORCING STEEL IN PARAPETS AND END POSTS SHALL BE EPOXY COATED.

FOR DETAIL OF CONCRETE INSERT AND GUARDRAIL ANCHOR ASSEMBLY, SEE "RAIL POST SPACINGS AND END OF RAIL DETAIL" SHEETS.

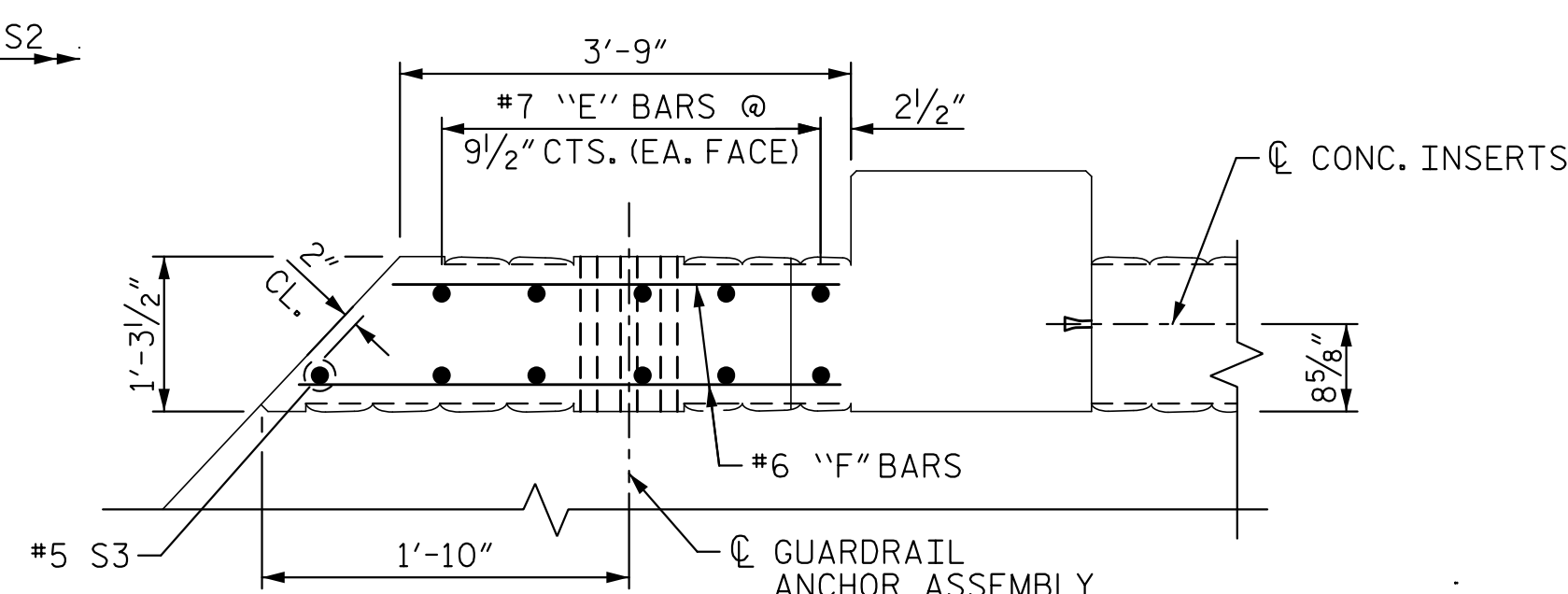
PARAPET IN A CONTINUOUS UNIT SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THE UNIT HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

THE COST OF THE FORM LINERS AND SPECIAL SURFACE FINISH ARE INCLUDED IN THE SQ. FOOT PRICE BID FOR ARCHITECTURAL CONCRETE SURFACE TREATMENT.

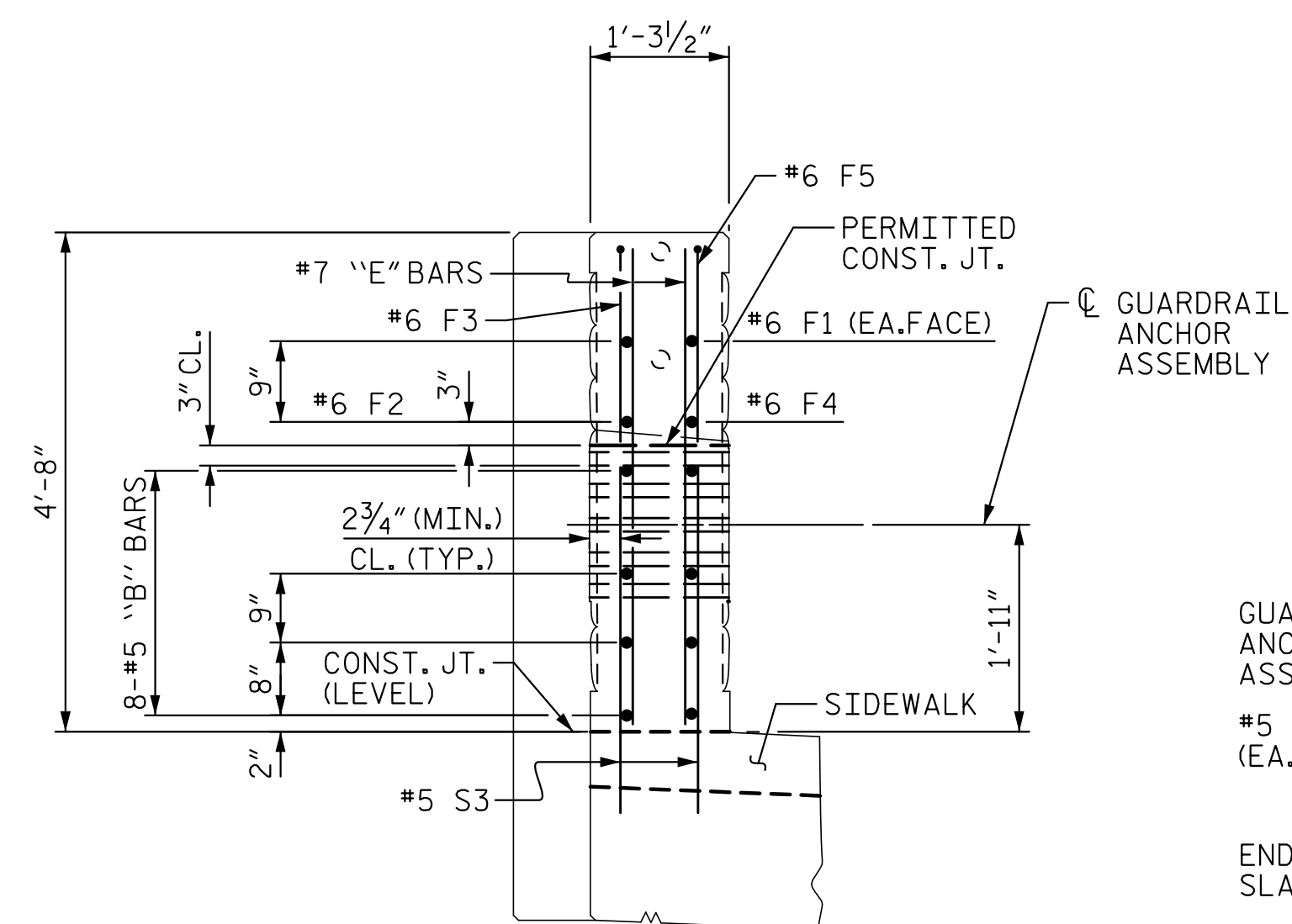
FOR ARCHITECTURAL CONCRETE SURFACE TREATMENT, SEE SPECIAL PROVISIONS.



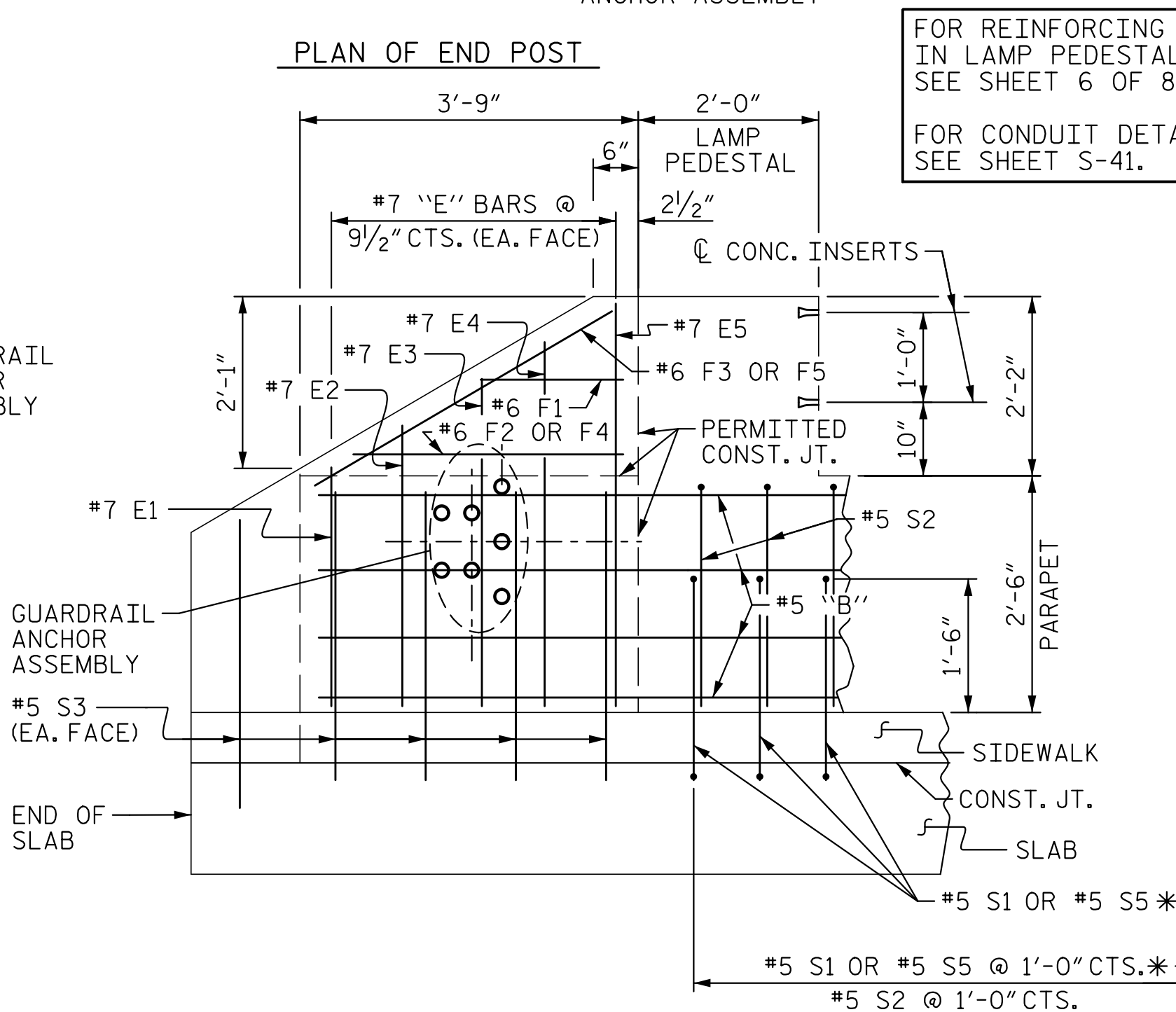
PLAN OF PARAPET



PLAN OF END POST



END VIEW



ELEVATION

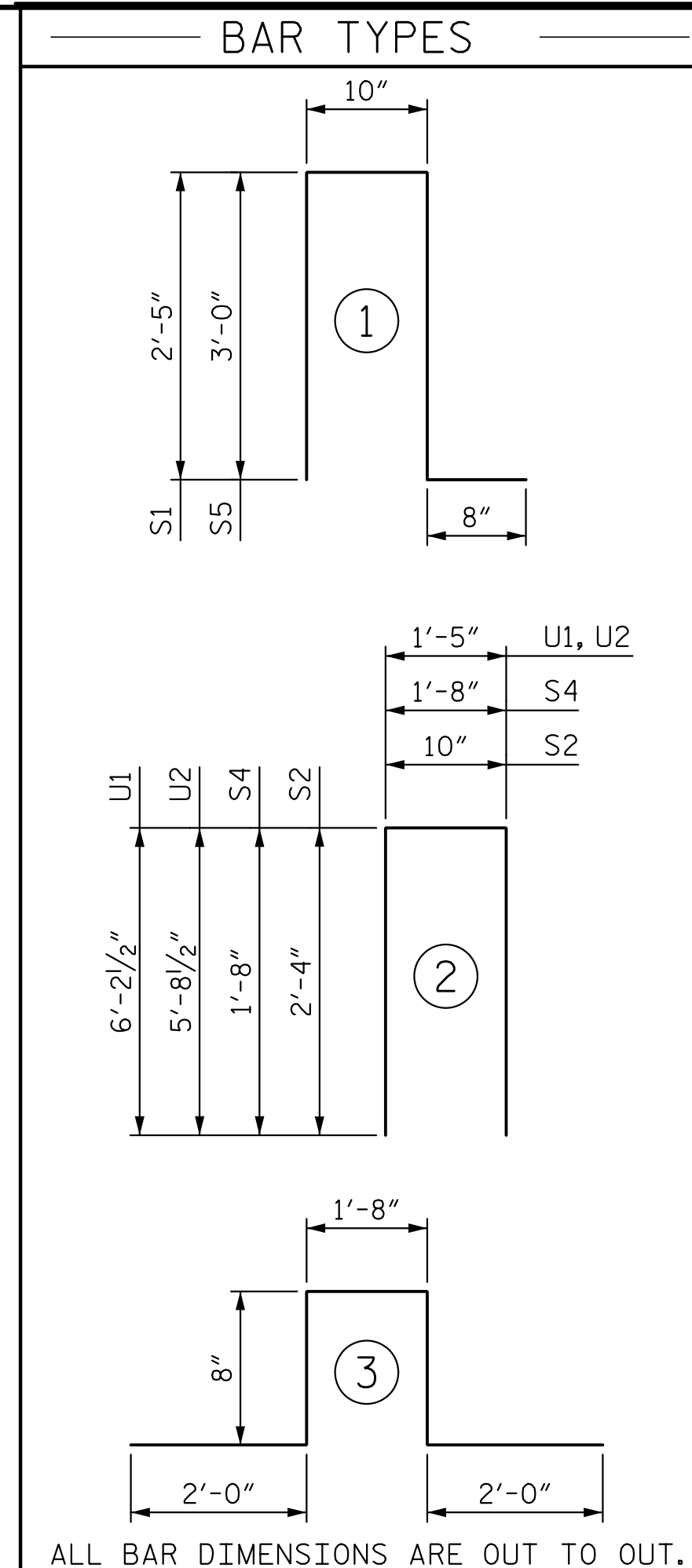
FOR REINFORCING DETAILS IN LAMP PEDESTAL SEE SHEET 6 OF 8.

FOR CONDUIT DETAILS, SEE SHEET S-41.

PARAPET AND END POST FOR TWO BAR RAIL - LT. SIDE

(RIGHT SIDE SIMILAR)

** SEE SIDWALK DETAILS



BILL OF MATERIAL

STAGE 1

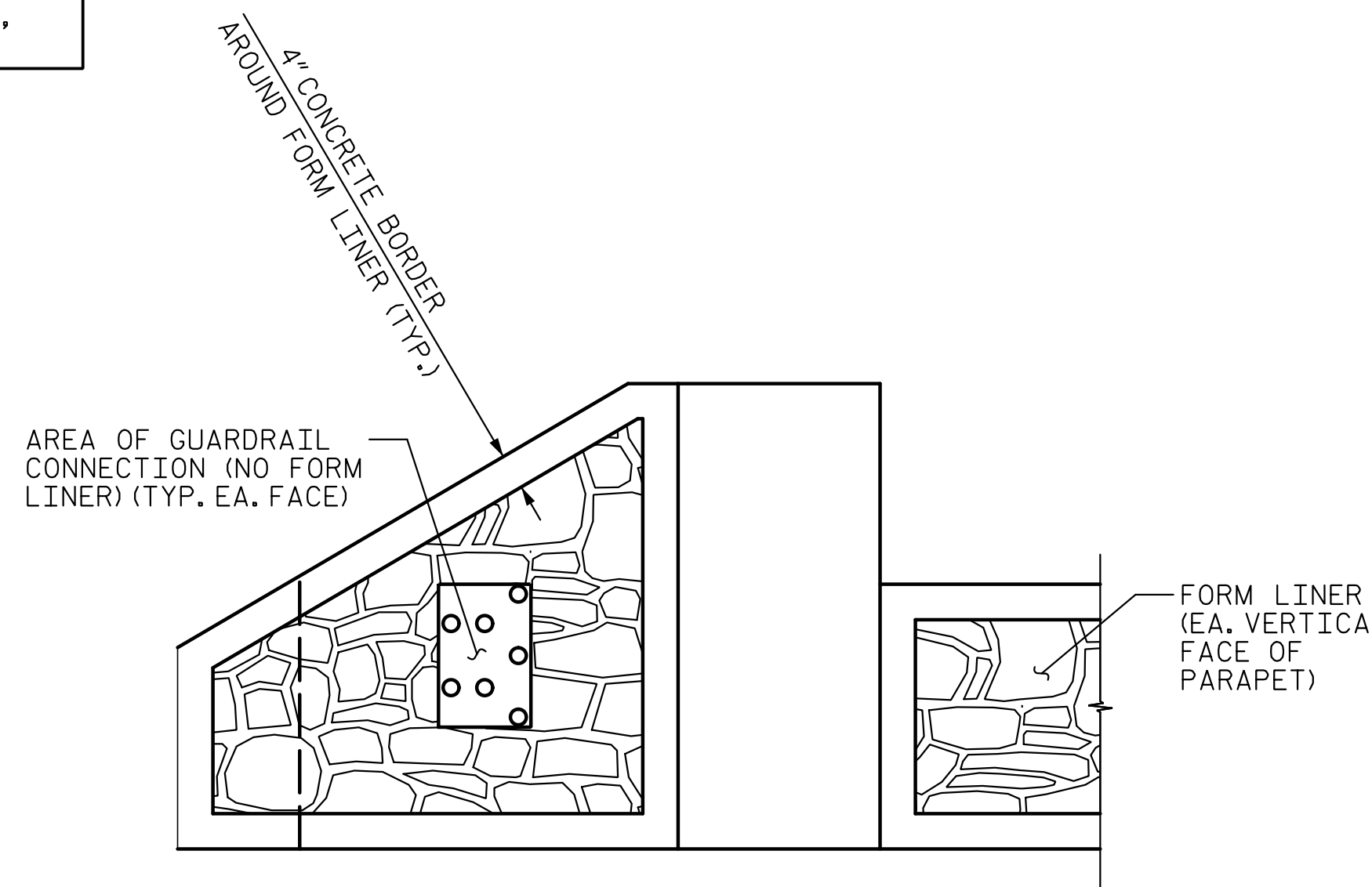
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*B1	72	#5	STR	29'-4"	2203
*B2	4	#5	STR	17'-4"	72
*B3	4	#5	STR	17'-11"	75
*B4	4	#5	STR	14'-4"	60
*B5	4	#5	STR	14'-1"	59
*E1	4	#7	STR	2'-6"	20
*E2	4	#7	STR	3'-0"	25
*E3	4	#7	STR	3'-6"	29
*E4	4	#7	STR	4'-0"	33
*E5	4	#7	STR	4'-4"	35
*F1	4	#6	STR	1'-10"	11
*F2	2	#6	STR	3'-0"	9
*F3	2	#6	STR	3'-7"	11
*F4	2	#6	STR	3'-0"	9
*F5	2	#6	STR	4'-1"	12
*H1	16	#5	3	7'-0"	117
*S1	295	#5	1	6'-4"	1949
*S2	295	#5	2	5'-6"	1692
*S3	18	#5	STR	3'-0"	56
*S4	24	#5	2	5'-0"	125
*S5	288	#5	1	7'-6"	2253
*U1	12	#5	2	13'-10"	173

BILL OF MATERIAL

STAGE 2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*B6	72	#5	STR	29'-7"	2222
*B7	4	#5	STR	11'-9"	49
*B8	4	#5	STR	12'-3"	51
*B9	4	#5	STR	11'-11"	50
*B10	4	#5	STR	11'-8"	49
*E1	4	#7	STR	2'-6"	20
*E2	4	#7	STR	3'-0"	25
*E3	4	#7	STR	3'-6"	29
*E4	4	#7	STR	4'-0"	33
*E5	4	#7	STR	4'-4"	35
*F1	4	#6	STR	1'-10"	11
*F2	2	#6	STR	3'-0"	9
*F3	2	#6	STR	3'-7"	11
*F4	2	#6	STR	3'-0"	9
*F5	2	#6	STR	4'-1"	12
*H1	16	#5	3	7'-0"	117
*S2	288	#5	2	5'-6"	1652
*S3	18	#5	STR	3'-0"	56
*S4	24	#5	2	5'-0"	125
*S5	288	#5	1	7'-6"	2253
*U2	12	#5	2	12'-10"	161

*EPOXY COATED REINFORCING STEEL (STAGE 1)	6775 LBS.	*EPOXY COATED REINFORCING STEEL (STAGE 2)	6979 LBS.
CLASS AA CONCRETE	38.7 CU. YDS.	CLASS AA CONCRETE	37.8 CU. YDS.
1'-3/2" X 2'-6" CONCRETE PARAPET	300.86 LIN. FT.	1'-3/2" X 2'-6" CONCRETE PARAPET	294.41 LIN. FT.



FORM LINER DETAIL

FOR LOCATION OF GUARDRAIL CONNECTION AND AREA WITH NO FORM LINER SEE "GUARDRAIL ANCHORAGE DETAILS" SHEET

PROJECT NO. B-4159
JACKSON COUNTY
STATION: 20+16.00 -L-
SHEET 4 OF 8

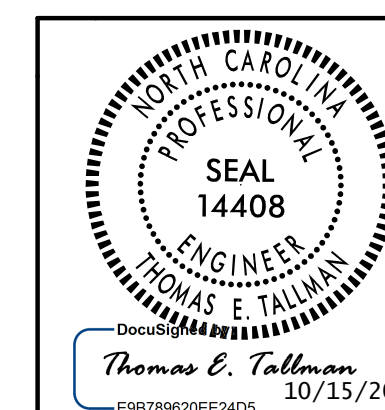
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
SUPERSTRUCTURE

END OF RAIL DETAILS

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S-36
TOTAL SHEETS 64



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DRAWN BY: D. H. CARTER DATE: SEP 2015
CHECKED BY: M. NEIHEISEL DATE: SEP 2015
DESIGN ENGINEER OF RECORD: T. E. TALLMAN DATE: OCT 2015