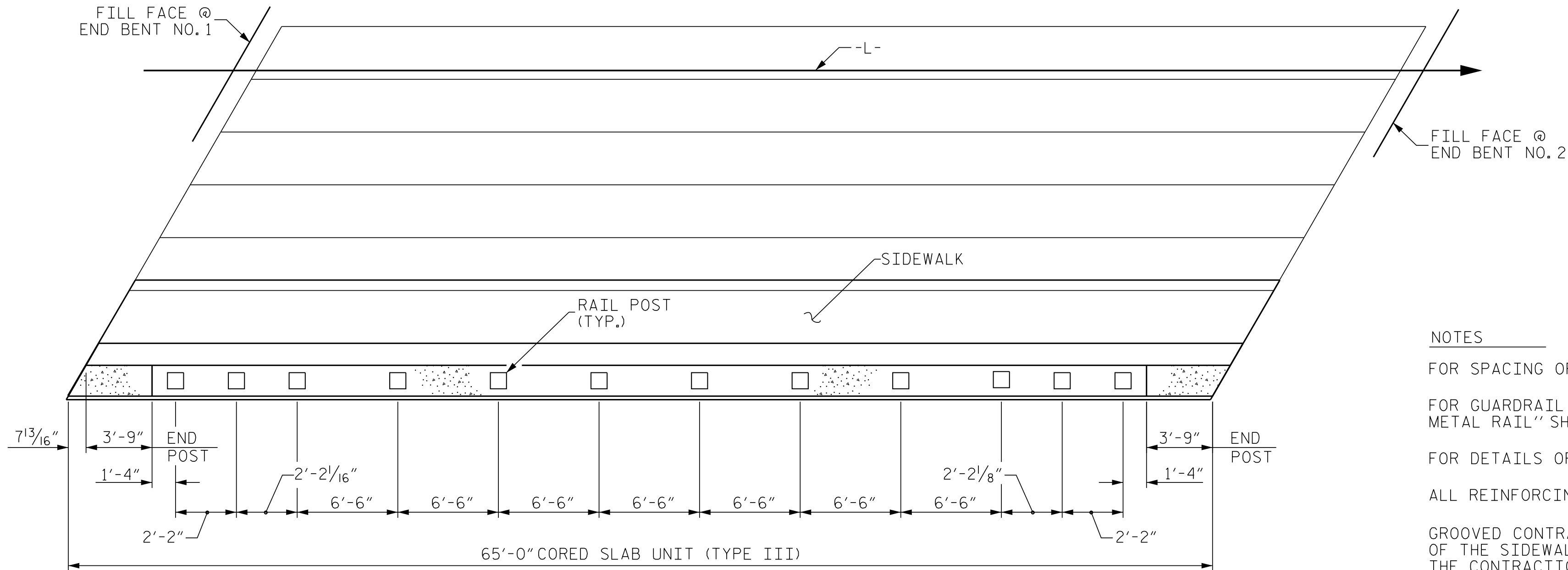
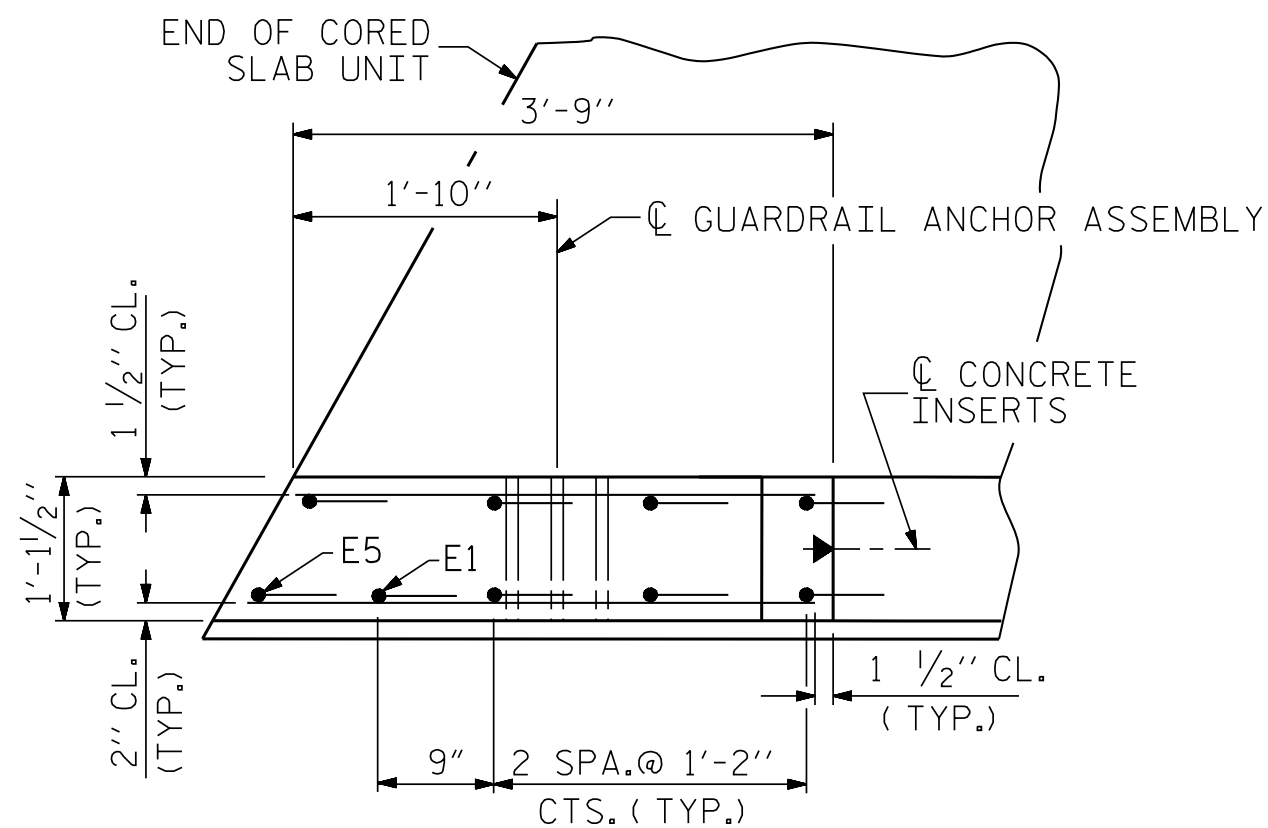
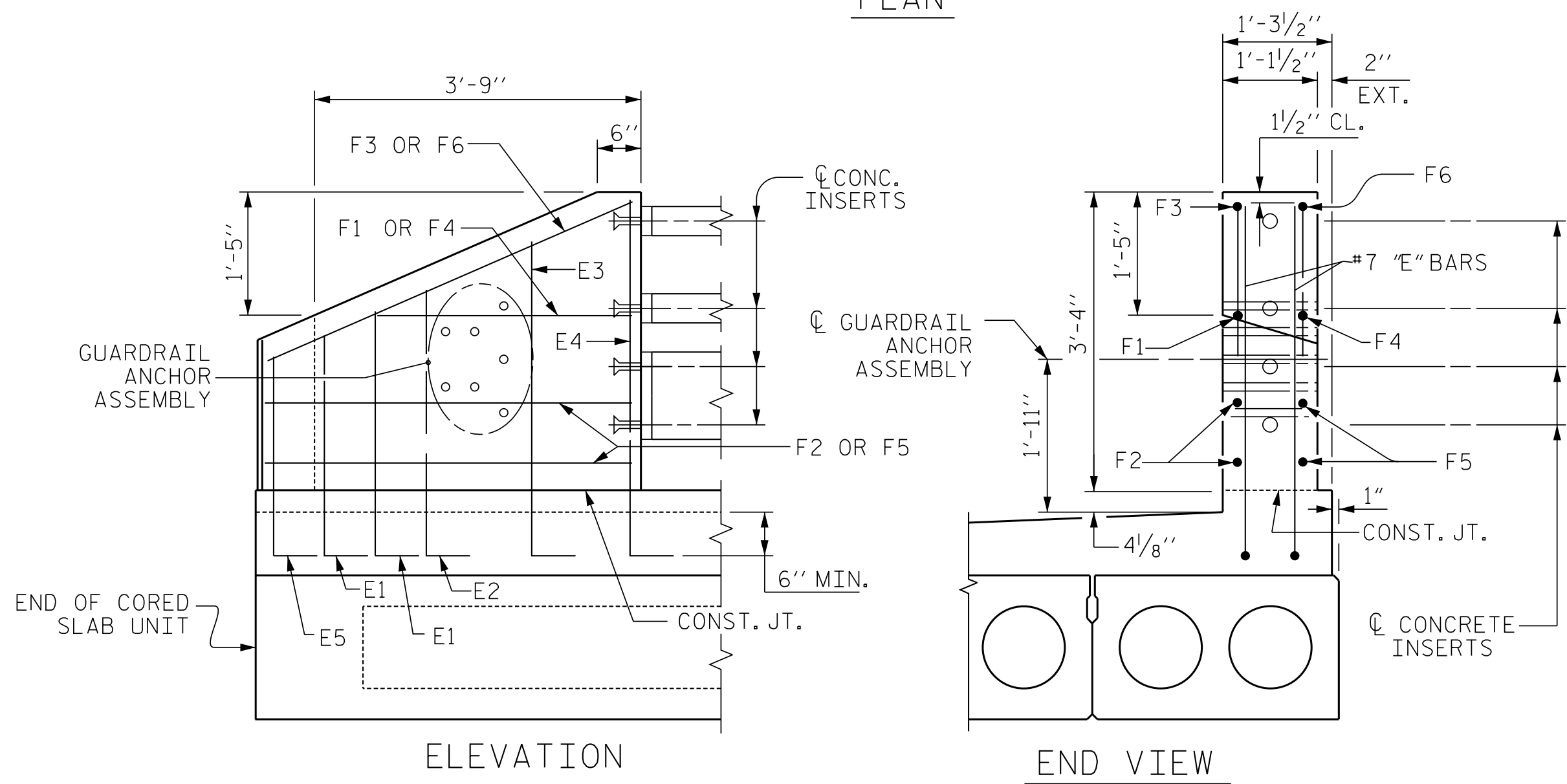




PLAN OF RAIL POST SPACINGS



PLAN

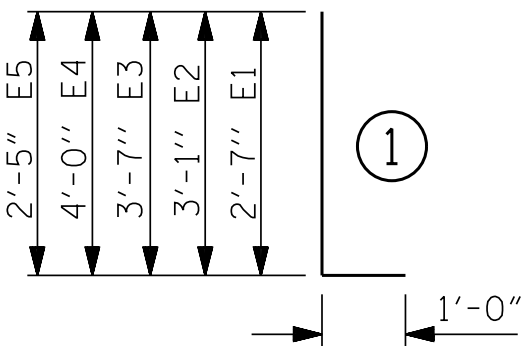


ELEVATION

END VIEW

END POST DETAILS

BAR TYPE		BILL OF MATERIAL				
		SIDEWALK AND 2 END POSTS				
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
* B25	18	#4	STR	22'-11"	276	
* E1	4	#7	1	3'-7"	29	
* E2	4	#7	1	4'-1"	33	
* E3	4	#7	1	4'-7"	37	
* E4	4	#7	1	5'-0"	41	
* E5	2	#7	1	3'-5"	14	
* F1	2	#6	STR	3'-2"	10	
* F2	4	#6	STR	3'-6"	21	
* F3	2	#6	STR	3'-5"	10	
* F4	2	#6	STR	3'-2"	10	
* F5	4	#6	STR	4'-1"	25	
* F6	2	#6	STR	4'-2"	13	
* G1	61	#4	STR	5'-11"	241	
* EPOXY COATED REINFORCING STEEL					760 LBS.	
TOTAL CLASS AA CONCRETE					15.3 C.Y.	



BAR DIMENSIONS ARE OUT TO OUT

NOTES

FOR SPACING OF REINFORCEMENT IN SIDEWALK, SEE "PLAN OF 65' UNIT".

FOR GUARDRAIL ANCHORAGE ASSEMBLIES, SEE "GUARDRAIL ANCHORAGE DETAILS FOR 3-BAR METAL RAIL" SHEET.

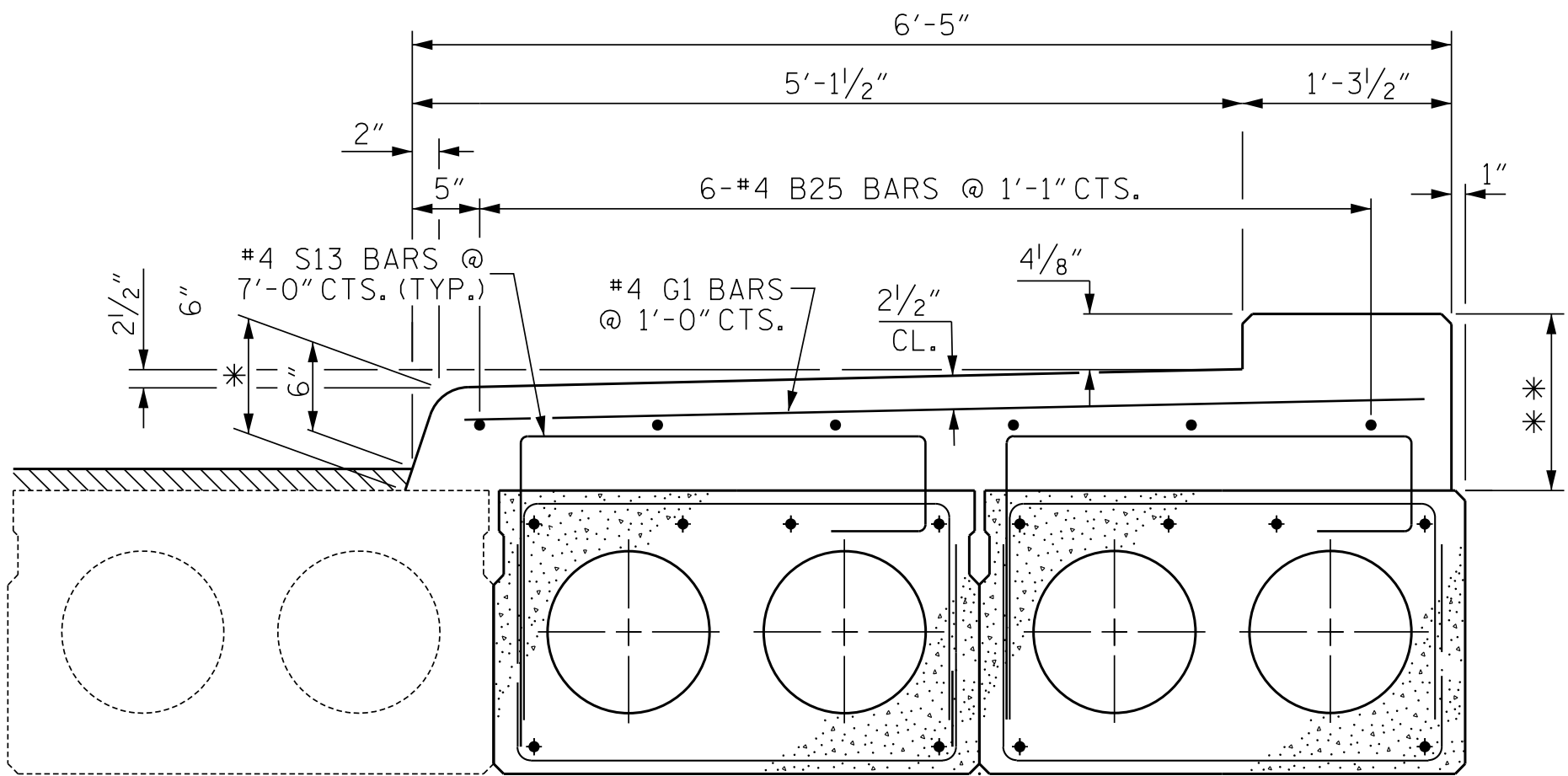
FOR DETAILS OF CONCRETE INSERTS, SEE "3 BAR METAL RAIL" SHEET 3 OF 4.

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

GROOVED CONTRACTION JOINTS, 1/2" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE SIDEWALK IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. THE CONTRACTION JOINTS SHALL BE LOCATED AT A SPACING OF 8 FEET TO 10 FEET BETWEEN EXPANSION JOINTS. NO CONTRACTION JOINT WILL BE REQUIRED FOR SEGMENTS LESS THAN 10 FEET IN LENGTH.

THE COST OF THE SIDEWALK AND END POSTS ARE INCLUDED IN THE PAY ITEMS FOR CLASS AA CONCRETE AND EPOXY COATED REINFORCING STEEL.

THE MINIMUM HEIGHT OF THE SIDEWALK IS SHOWN. THE HEIGHT OF THE SIDEWALK VARIES WHILE THE TOP OF THE SIDEWALK FOLLOWS THE PROFILE OF THE GUTTERLINE.



SECTION THRU SIDEWALK

** - PARAPET HEIGHT VARIES
1'-4 1/8" @ C. BRG.
1'-2 3/16" @ MIDSPAN

* - HEIGHT OF TOE OF SIDEWALK VARIES
9 1/2" @ C. BRG.
8 3/16" @ MIDSPAN

PROJECT NO. B-5929
HENDERSON COUNTY
STATION: 13+45.76 -L-

SHEET 4 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

3 BAR METAL RAIL
END POSTS AND
SIDEWALK DETAILS



6/4/2026