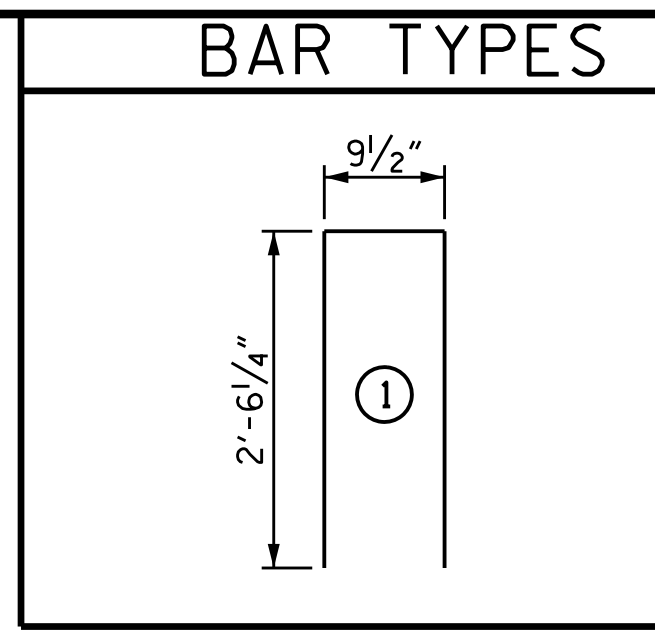


PLAN OF PARAPET



NOTES

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

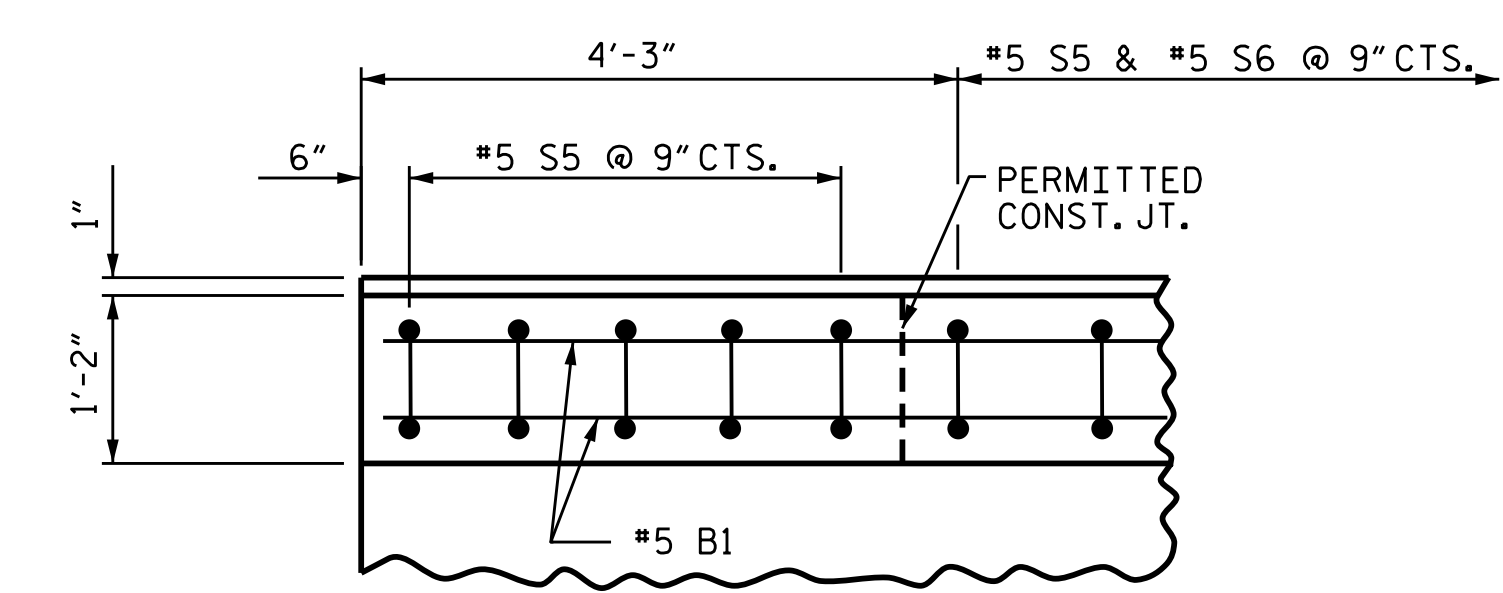
GROOVED CONTRACTION JOINTS, 1/2" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE PARAPET AND IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. A CONTRACTION JOINT SHALL BE LOCATED AT EACH THIRD POINT BETWEEN PARAPET EXPANSION JOINTS. ONLY ONE CONTRACTION JOINT IS REQUIRED AT 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.

#5 S5 BARS ARE INCLUDED IN BILL OF MATERIAL FOR BOX BEAM UNITS.

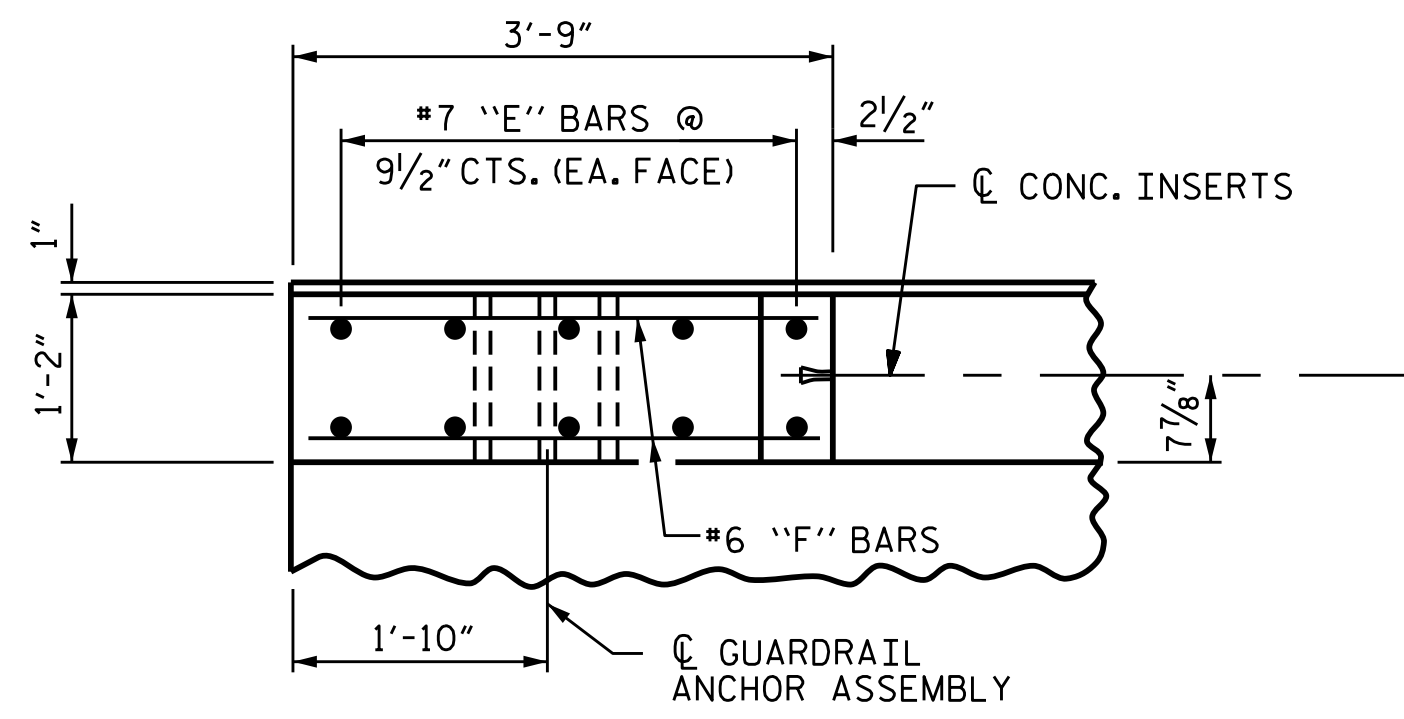
ALL BARS SUPPORTS USED IN THE PARAPET AND ALL INCIDENTAL REINFORCING STEEL SHALL BE EPOXY COATED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.

FOR DETAILS OF CONCRETE INSERT AND GUARDRAIL ANCHOR ASSEMBLY, SEE "RAIL POST SPACINGS AND END OF RAIL DETAILS SHEET 4 OF 5 AND "GUARDRAIL ANCHORAGE DETAILS" SEE 5 OF 5.

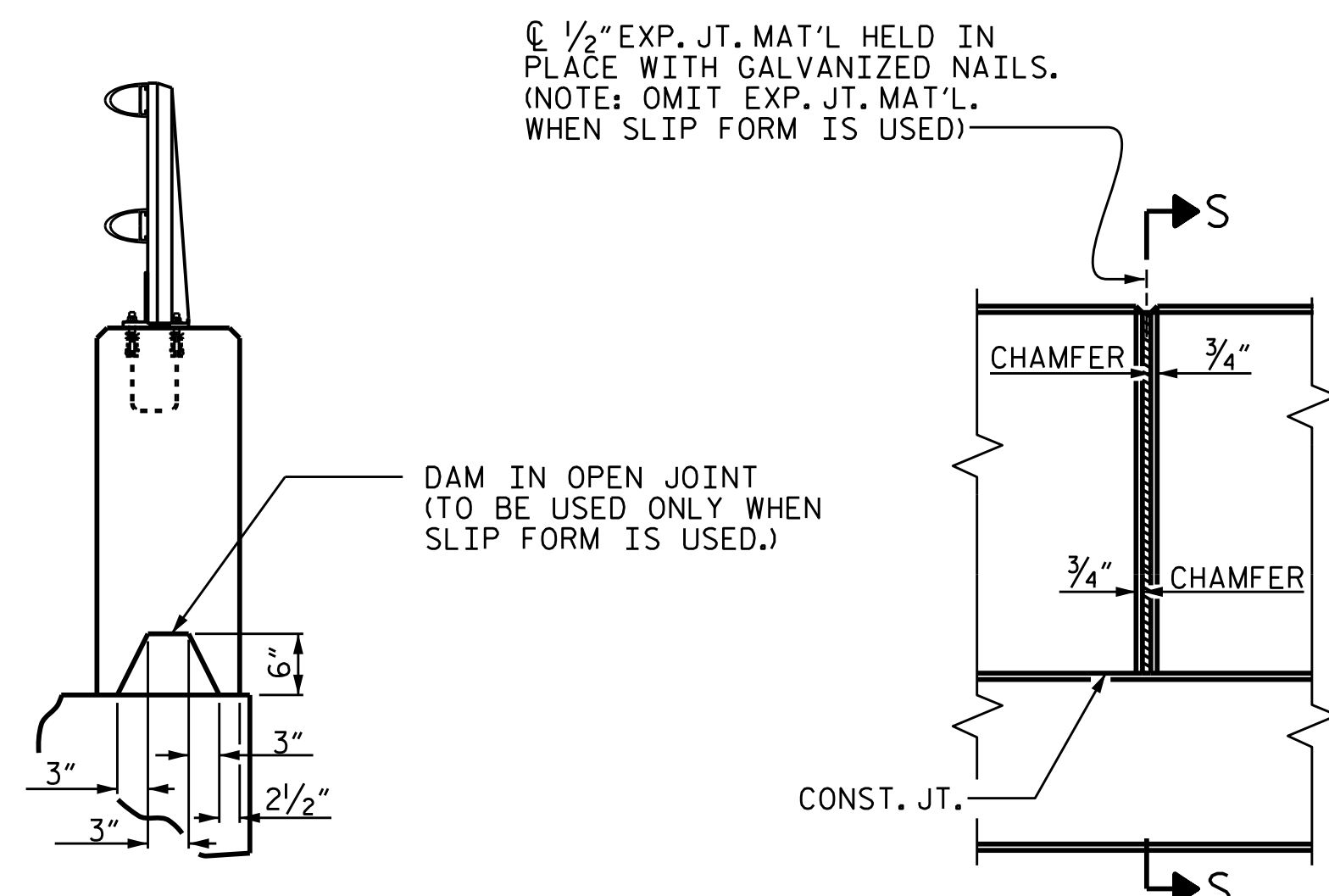
| PARAPET HEIGHT | | |
|----------------|-----------------------------|---------------------------|
| | PARAPET HEIGHT @ CL BEARING | PARAPET HEIGHT @ MID-SPAN |
| SPAN A (100') | 2'-9 1/2" | 2'-8 3/8" |



PLAN OF PARAPET

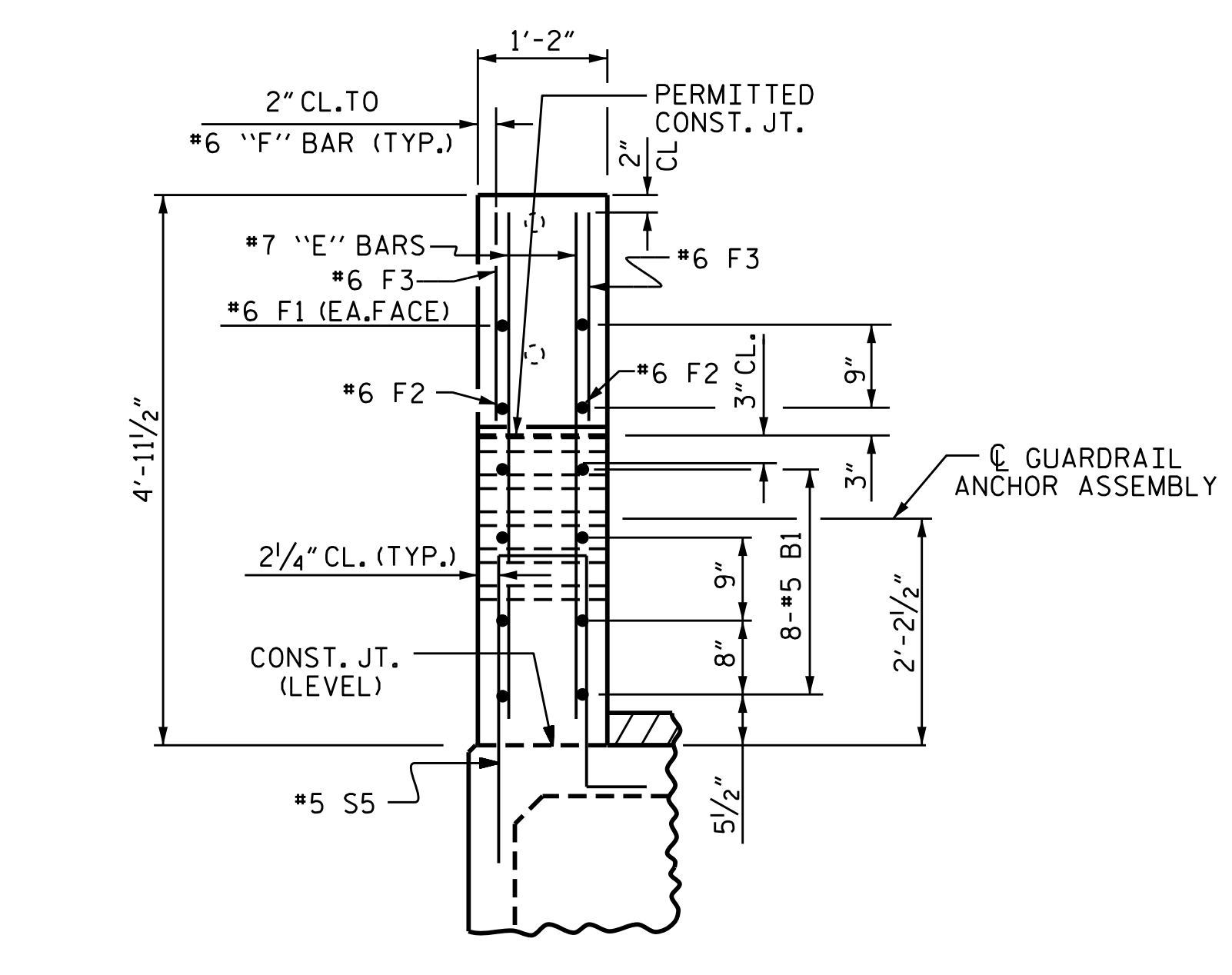


PLAN OF END POST

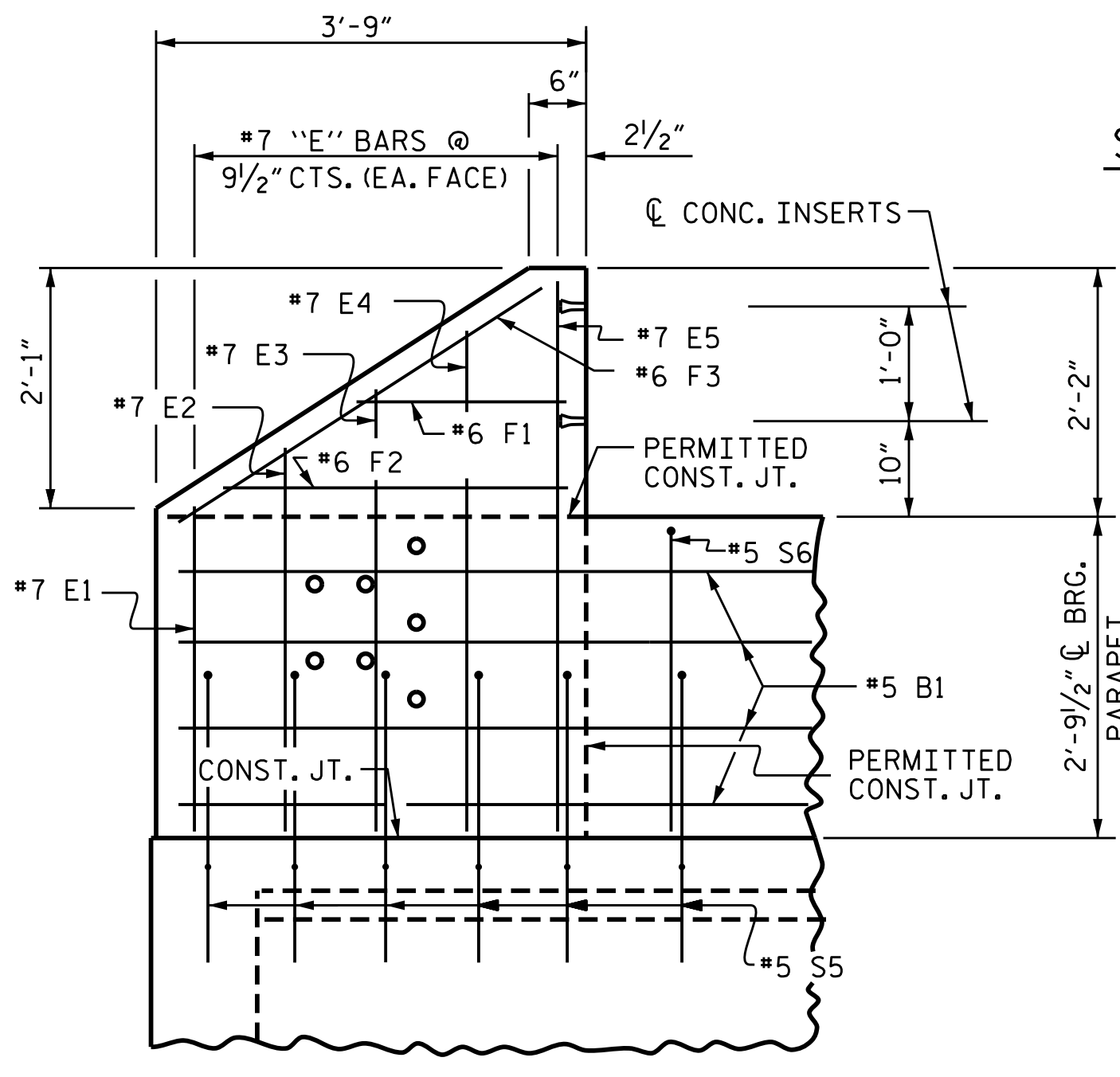


SECTION S-S

ELEVATION AT EXPANSION JOINTS

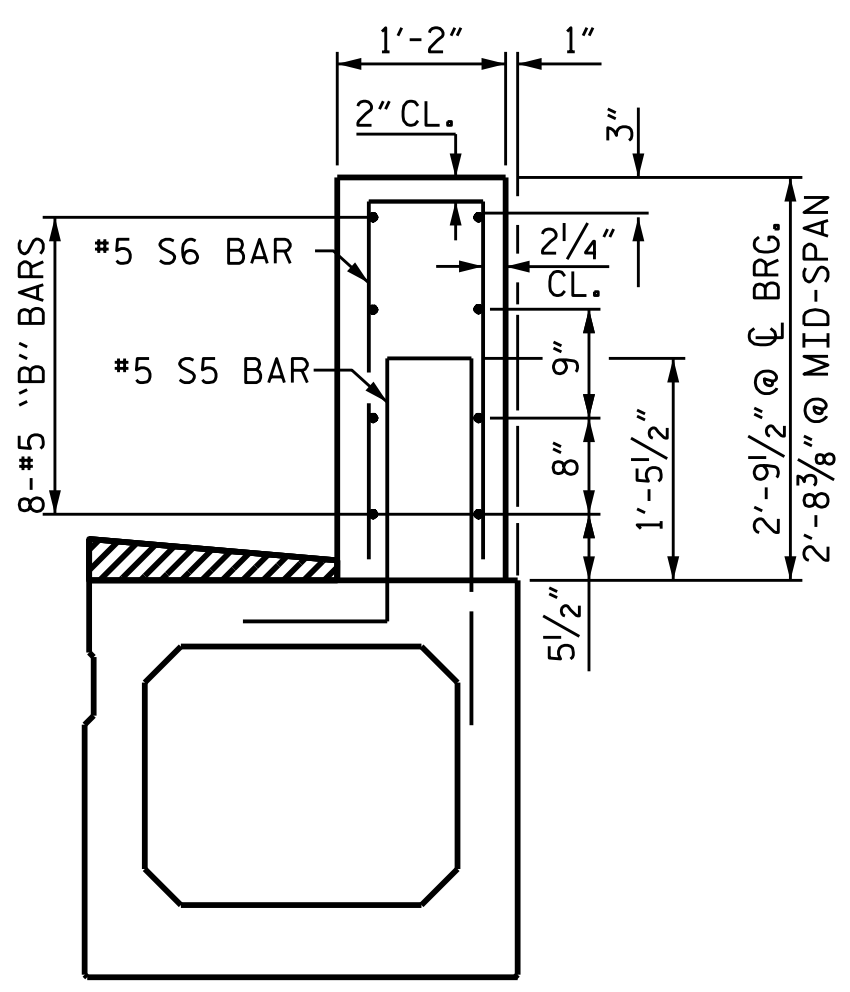


END VIEW



ELEVATION

PARAPET DETAILS

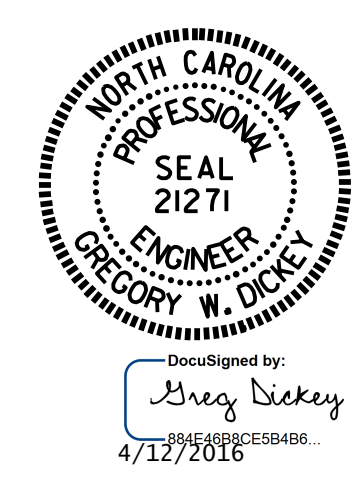


BILL OF MATERIAL
PARAPETS AND END POSTS

| BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT |
|-----|-----|------|------|-------------------------------|-------------|
| *B1 | 64 | #5 | STR | 24'-7" | 1641 |
| *E1 | 8 | #7 | STR | 2'-9" | 45 |
| *E2 | 8 | #7 | STR | 3'-3" | 53 |
| *E3 | 8 | #7 | STR | 3'-9" | 61 |
| *E4 | 8 | #7 | STR | 4'-3" | 69 |
| *E5 | 8 | #7 | STR | 4'-7" | 75 |
| *F1 | 8 | #6 | STR | 1'-10" | 22 |
| *F2 | 8 | #6 | STR | 3'-0" | 36 |
| *F3 | 8 | #6 | STR | 3'-8" | 44 |
| *S6 | 246 | #5 | 1 | 5'-10" | 1497 |
| | | | | * EPOXY COATED REINF. STEEL = | 3543 LBS |
| | | | | CLASS AA CONCRETE | 24.8 C.Y. |
| | | | | CONCRETE PARAPET | 200.00 L.F. |

PROJECT NO. B-4961
GUILFORD COUNTY
STATION: 17+07.00 -L-

SHEET 1 OF 5



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
CONCRETE
PARAPET AND
END POST DETAILS

| REVISIONS | | | | | | SHEET NO. |
|-----------|-----|-------|-----|-----|-------|--------------|
| NO. | BY: | DATE: | NO. | BY: | DATE: | S-9 |
| 1 | | | 3 | | | TOTAL SHEETS |
| 2 | | | 4 | | | 19 |

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

ASSEMBLED BY: REZA KOUCHEKI DATE: 9/10/15
CHECKED BY: K.P. SEDAİ DATE: 10/5/15
DRAWN BY: WJH 12/11 REV. 4/15 MAA/TMG
CHECKED BY: AAC 12/11

PARAPET AND END POST FOR TWO BAR RAIL