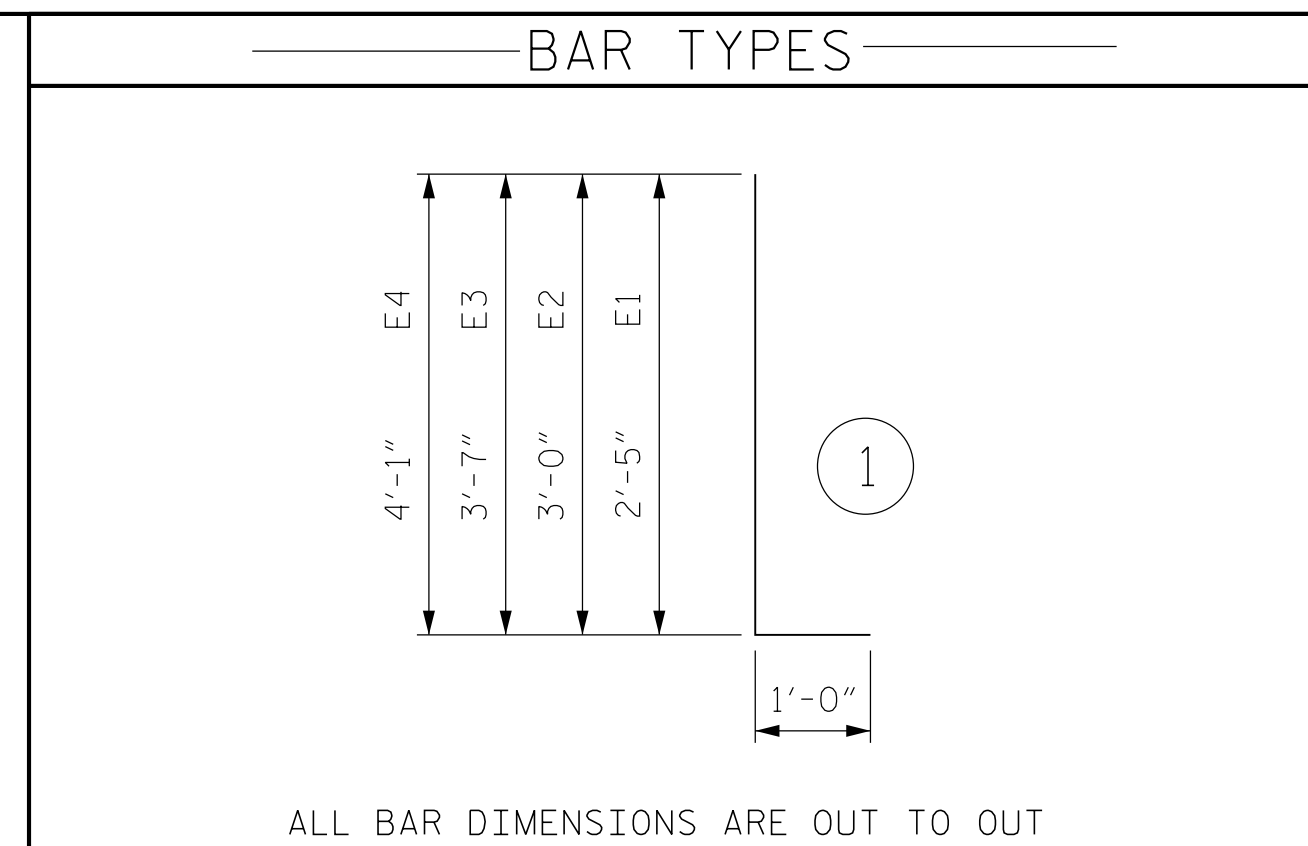


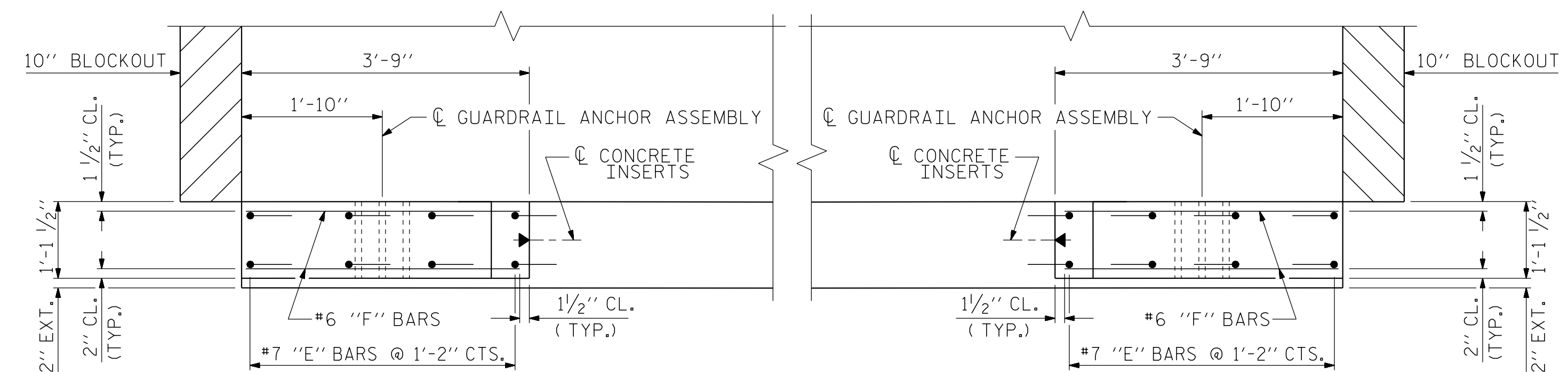
PLAN OF RAIL POST SPACING



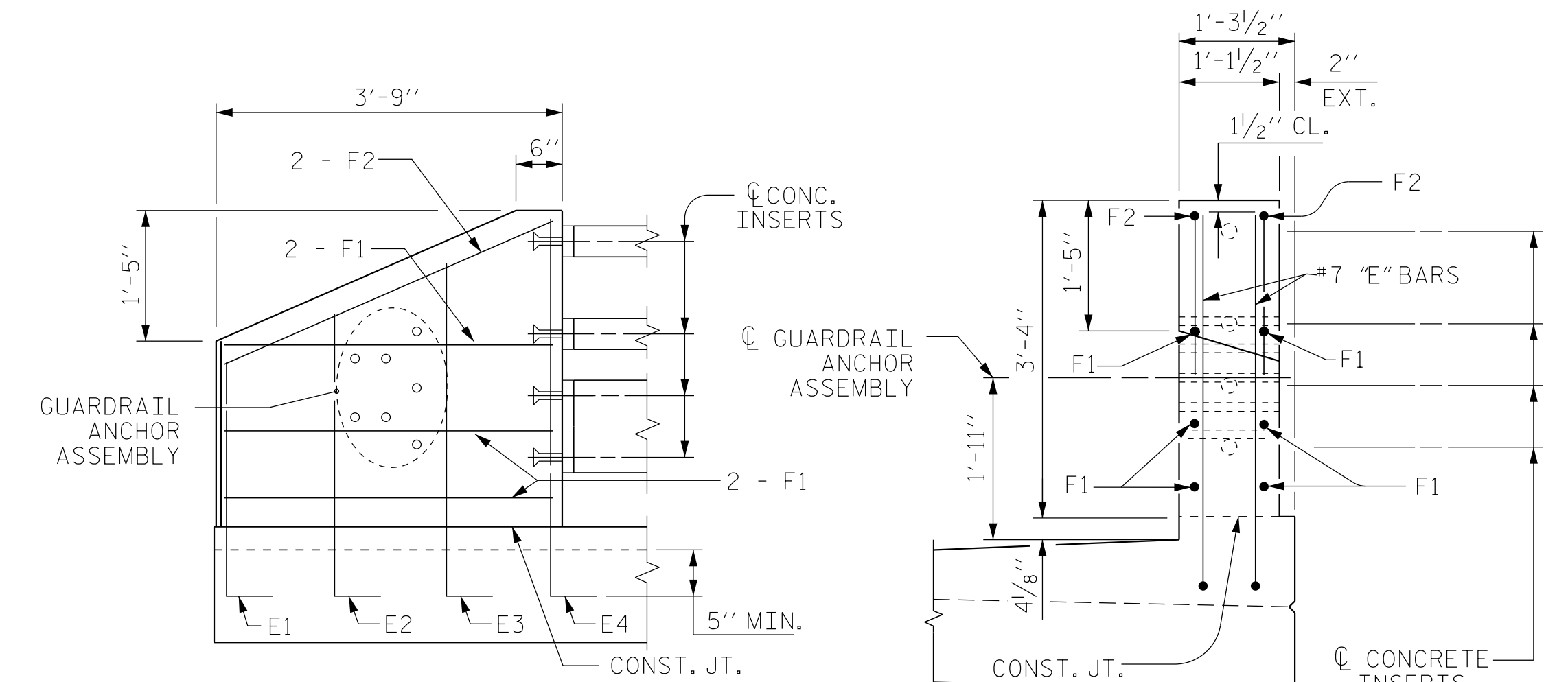
| BILL OF MATERIAL | | | | | | |
|----------------------------------|---------|------|------|--------|--------|----------|
| ONE END POST (4 REQ'D) | | | | | | |
| | BAR NO. | SIZE | TYPE | LENGTH | WEIGHT | |
| * | E1 | 2 | #7 | 1 | 3'-5" | 14 |
| * | E2 | 2 | #7 | 1 | 4'-0" | 16 |
| * | E3 | 2 | #7 | 1 | 4'-7" | 19 |
| * | E4 | 2 | #7 | 1 | 5'-1" | 21 |
| * | F1 | 6 | #6 | STR | 3'-5" | 31 |
| * | F2 | 2 | #6 | STR | 3'-8" | 11 |
| * EPOXY COATED REINFORCING STEEL | | | | | = | 112 LBS. |
| CLASS AA CONCRETE | | | | | = | 0.4 C.Y. |

ALL BAR DIMENSIONS ARE OUT TO OUT

NOTE: PAYMENT FOR CONCRETE END POSTS SHALL BE INCLUDED IN THE PAY ITEM FOR "REINFORCED CONCRETE DECK SLAB".



PLAN



ELEVATION

END VIEW

END POST DETAILS

PROJECT NO. R-5605
 TRANSYLVANIA COUNTY
 STATION: 36+73.00 -L-

DRAWN BY : PEC DATE : 8/15
 CHECKED BY : CMT DATE : 8/15

*****SYSTEM*****
 *****DCN*****
 *****USERNAME*****

Prepared in the Office of:

Mattern & Craig
 CONSULTING ENGINEERS & SURVEYORS
 FIRM LICENSE NO. C-1154
 12 BROAD STREET
 ASHEVILLE, NORTH CAROLINA 28801
 (828) 254-2201 - FAX (828) 254-4582

DocuSigned by:

 Steven A. Campbell 12/21/2015

| STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH | | | | | |
|--|-----|-------|-----|-----|-----------------|
| SUPERSTRUCTURE | | | | | |
| RAIL POST SPACINGS & END POST DETAILS | | | | | |
| REVISIONS | | | | | SHEET NO. |
| NO. | BY: | DATE: | NO. | BY: | DATE: |
| 1 | | | 3 | | |
| 2 | | | 4 | | |
| | | | | | S-16 |
| | | | | | TOTAL SHEETS 51 |