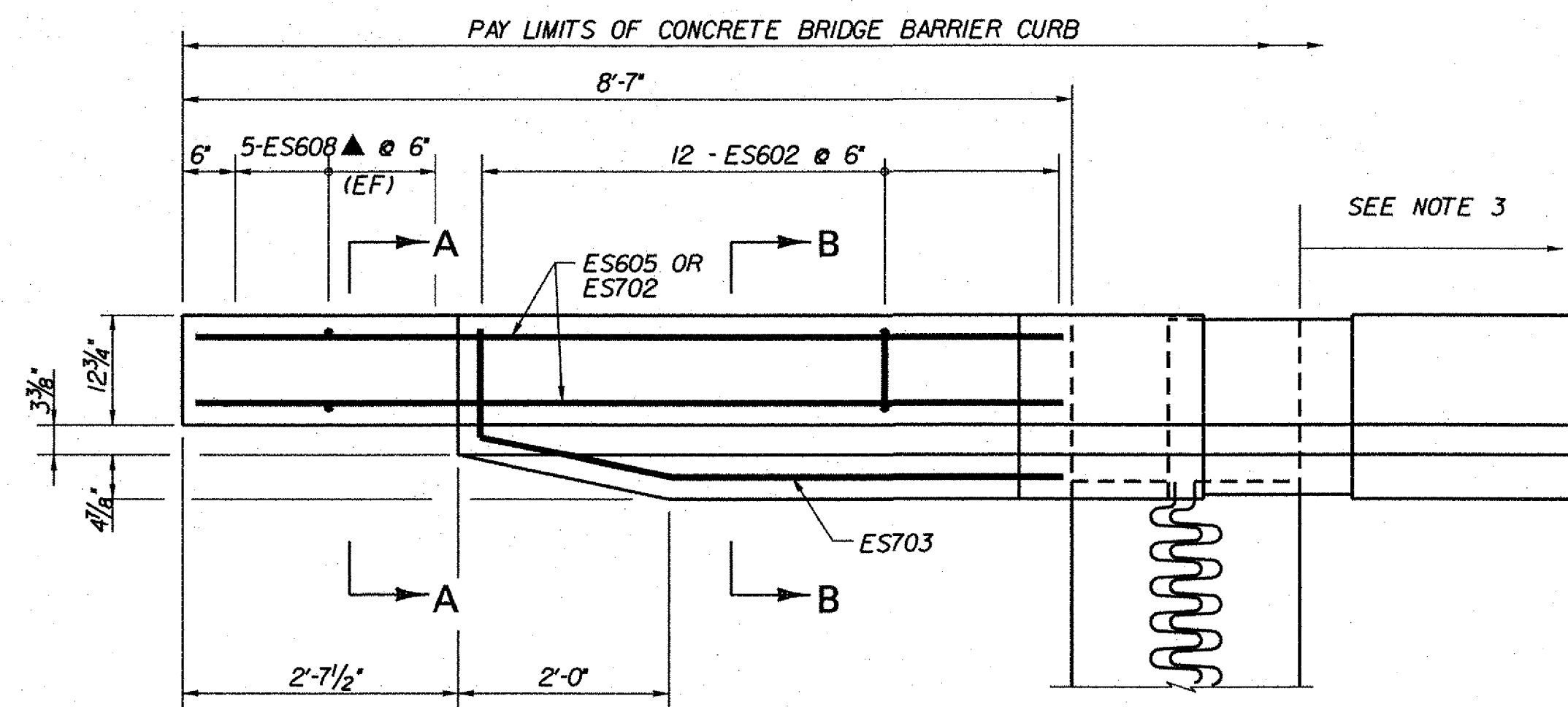
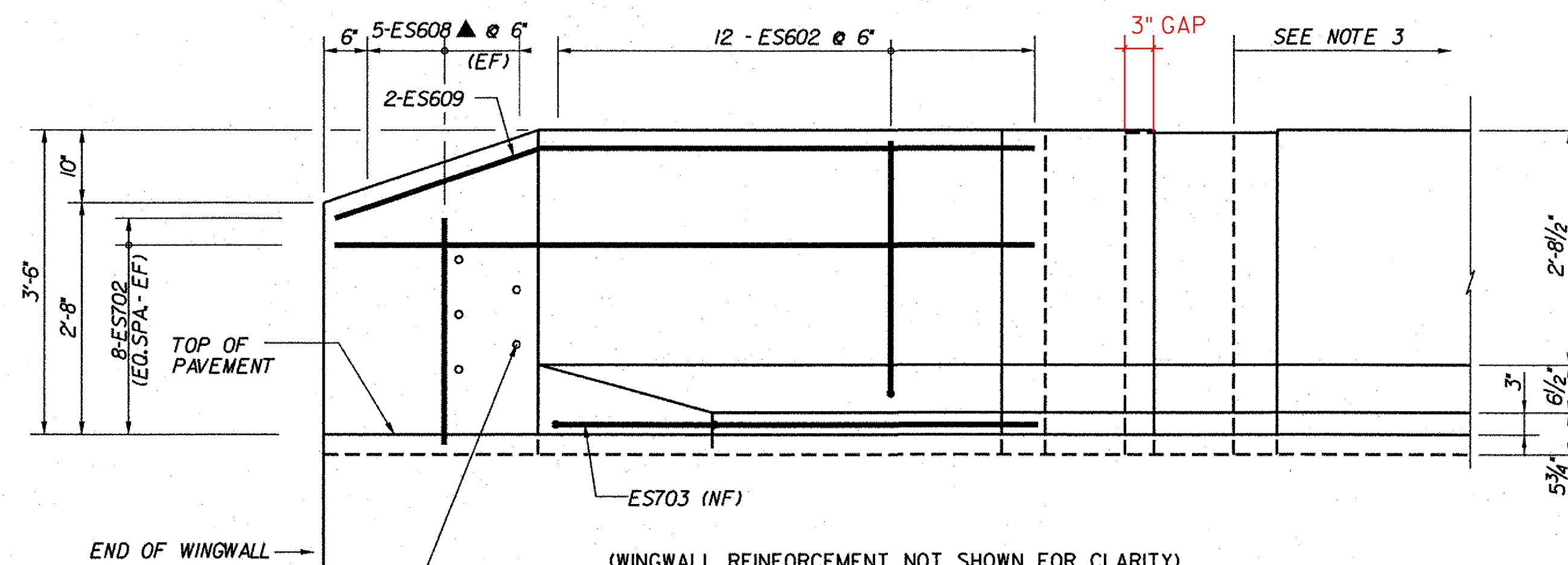




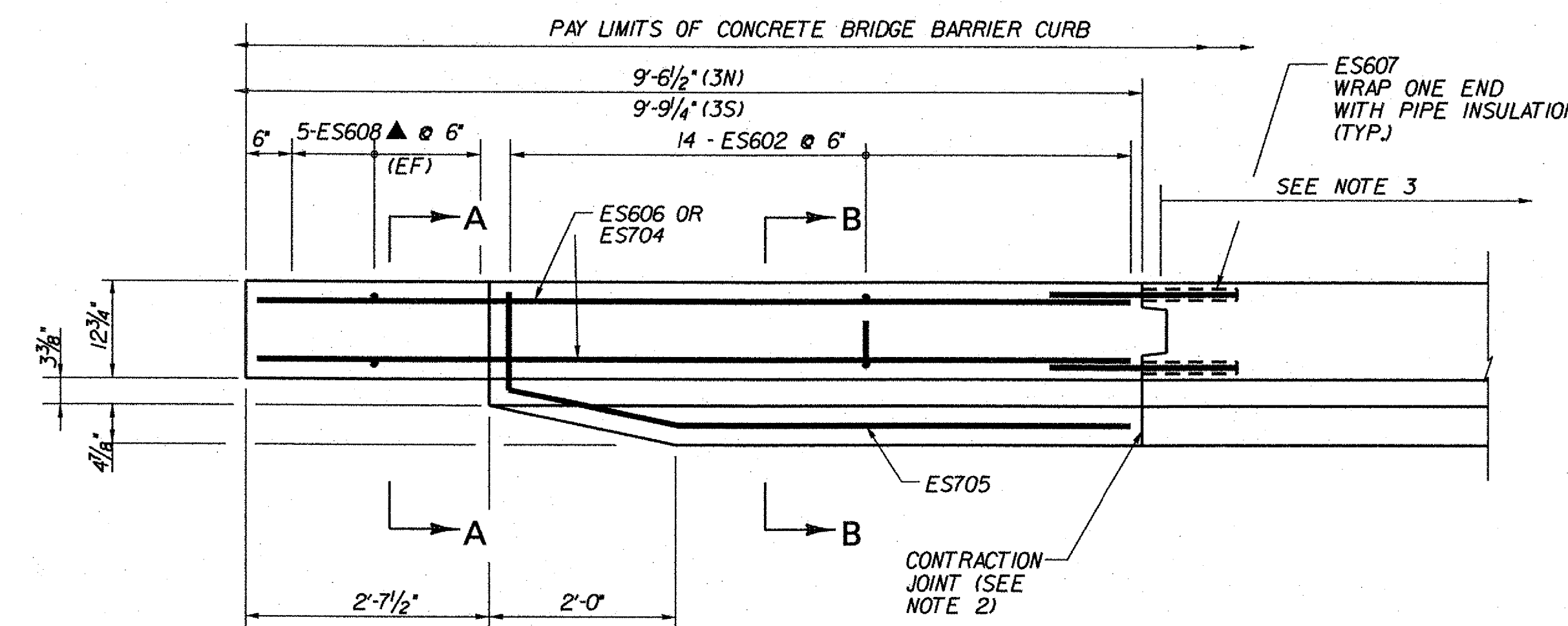
**PLAN AT EXPANSION END**

SCALE: 3/4" = 1'-0"



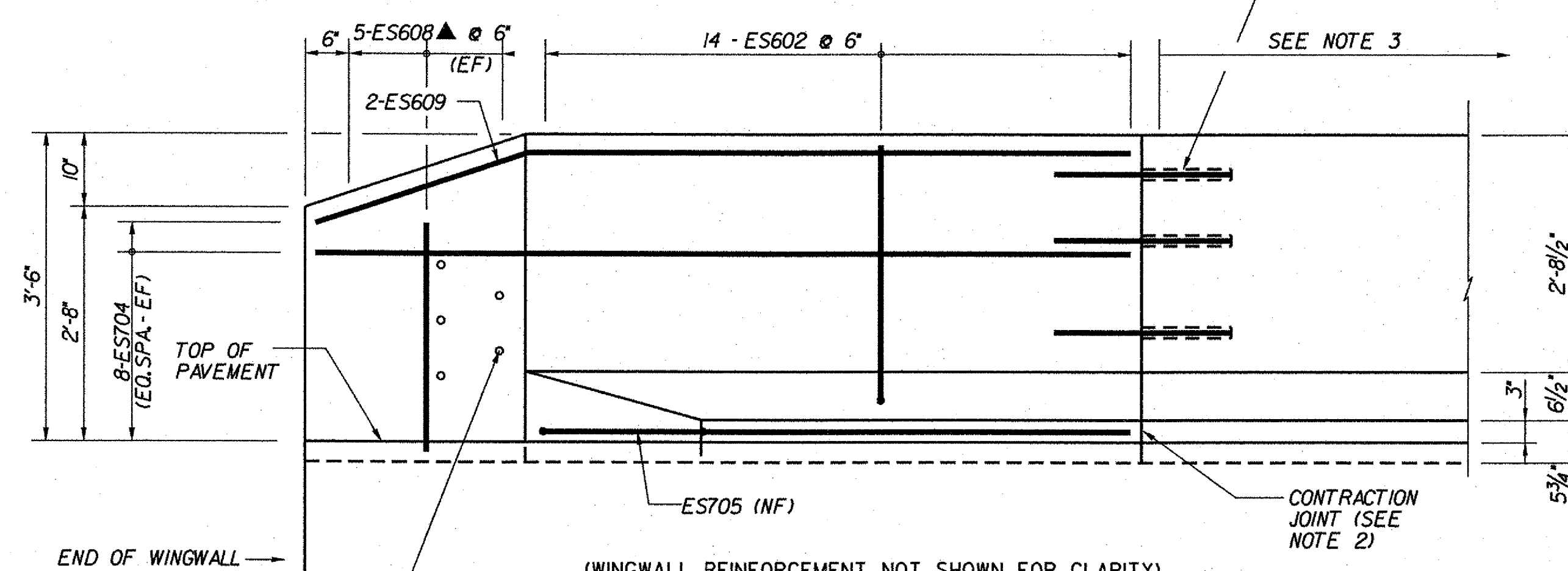
**ELEVATION AT EXPANSION END**

SCALE: 3/4" = 1'-0"



**PLAN AT FIXED END**

SCALE: 3/4" = 1'-0"

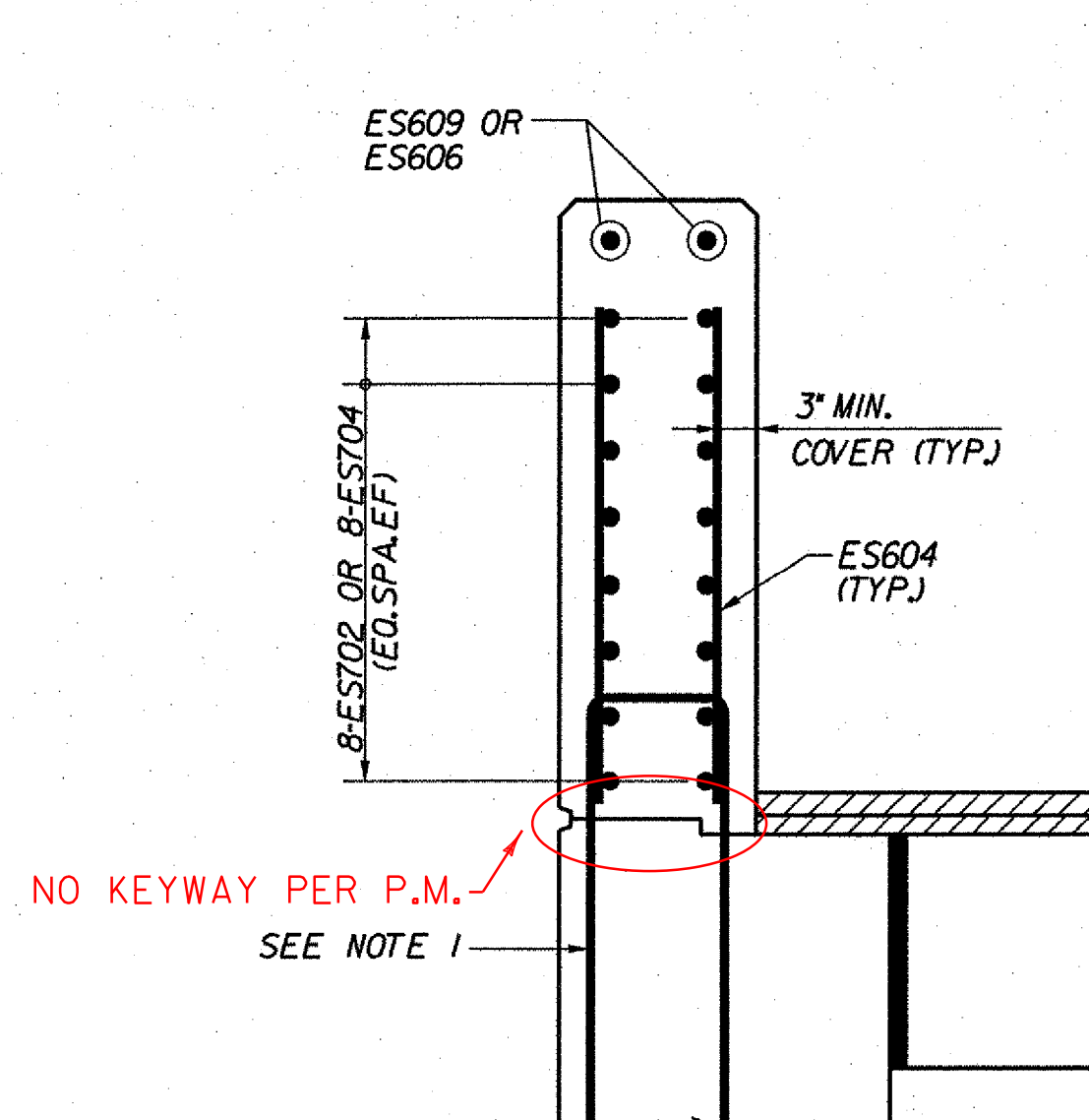


**ELEVATION AT FIXED END**

SCALE: 3/4" = 1'-0"

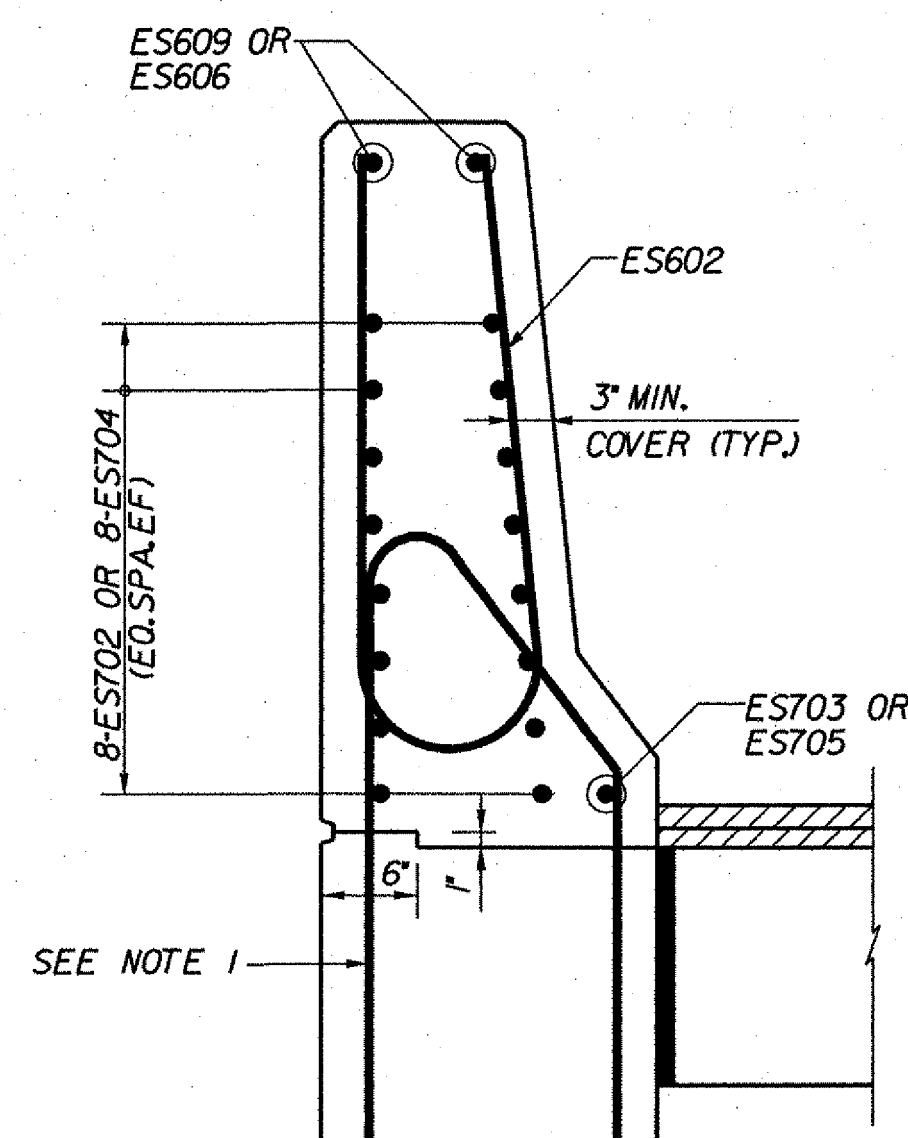
**NOTES:**

1. FOR WINGWALL DETAILS, SEE WINGWALL MASONRY & REINFORCEMENT (3N), BRIDGE SHEET **BRI38**, AND (3S), BRIDGE SHEET **BRI47**.
2. MAIN LONGITUDINAL REINFORCEMENT SHALL NOT EXTEND THROUGH THE CONTRACTION JOINT. PROVIDE A SHEAR KEY AND DOWELS AS SHOWN. ONE END OF THE DOWELS SHALL BE WRAPPED IN PIPE INSULATION TO ALLOW MOVEMENT. ALSO PROVIDE POLYURETHANE JOINT SEALER, PER TYPICAL BRIDGE DETAILS, BRIDGE SHEET **BRI29**.
3. FOR BARRIER CURB REINFORCING DETAILS ON BRIDGE, SEE DECK REINFORCEMENT (3N), BRIDGE SHEET **BRI16**, AND (3S) BRIDGE SHEET **BRI17**.
4. FOR LOCATION OF 1" DIAMETER SLEEVES, SEE APPROACH GUARD RAIL SHEETS, BRIDGE SHEETS **BRI50**.



**SECTION A-A**

SCALE: 1" = 1'-0"



**SECTION B-B**

SCALE: 1" = 1'-0"

**KEY**

- NF NEAR FACE  
FF FAR FACE  
EF EACH FACE  
▲ REINFORCEMENT TO BE CUT TO FIT IN THE FIELD

**STATE OF VERMONT  
AGENCY OF TRANSPORTATION**

|                                                 |            |                          |                 |
|-------------------------------------------------|------------|--------------------------|-----------------|
| Town Of                                         | GUILFORD   | Bridge No.               | <b>3N&amp;S</b> |
| Highway No.                                     | I-91       | Log Sta.                 |                 |
|                                                 |            | Surv. Sta.               |                 |
| I-91 OVER BROAD BROOK & BROAD BROOK ROAD        |            |                          |                 |
| <b>CONCRETE BARRIER CURB DETAILS (3N&amp;S)</b> |            |                          |                 |
| Designed By                                     | M.J. MOZER | Drawn By                 | G.K. MORZE      |
| Checked By                                      | Date       | Bridge Design Supervisor |                 |
| P.W. SZUSTAK                                    | 01/03      | J.P. HALSTEAD            | Date 01/03      |
| PROJECT                                         |            | PROJECT NO.              |                 |
| GUILFORD                                        |            | IM 091-1(33)             |                 |
| TVGA CAD Drawing No.                            |            | Date                     |                 |
| RAIL.dgn                                        |            | 05/27/08                 |                 |
| Bridge Sheet No.                                |            | Sheet                    |                 |
| BRI18                                           |            | 44 of 114                |                 |

**TVGA** TVGA ENGINEERING,  
SURVEYING, P.C.