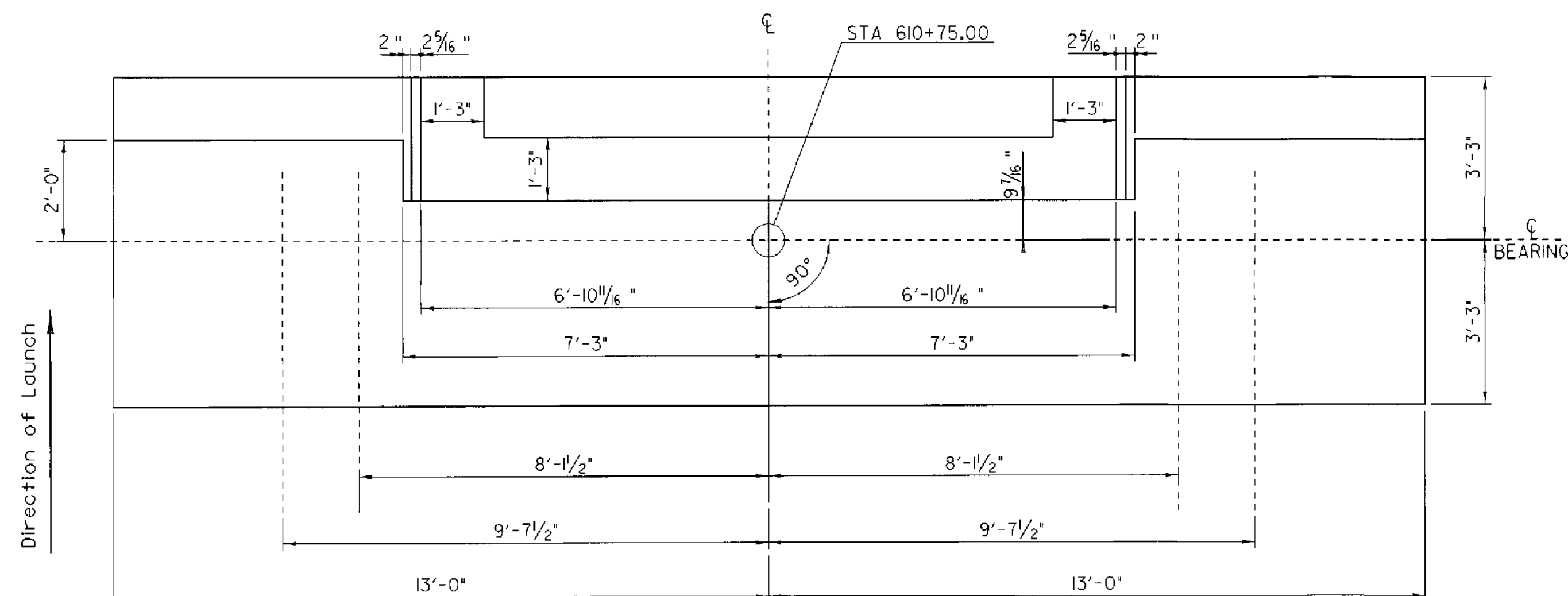
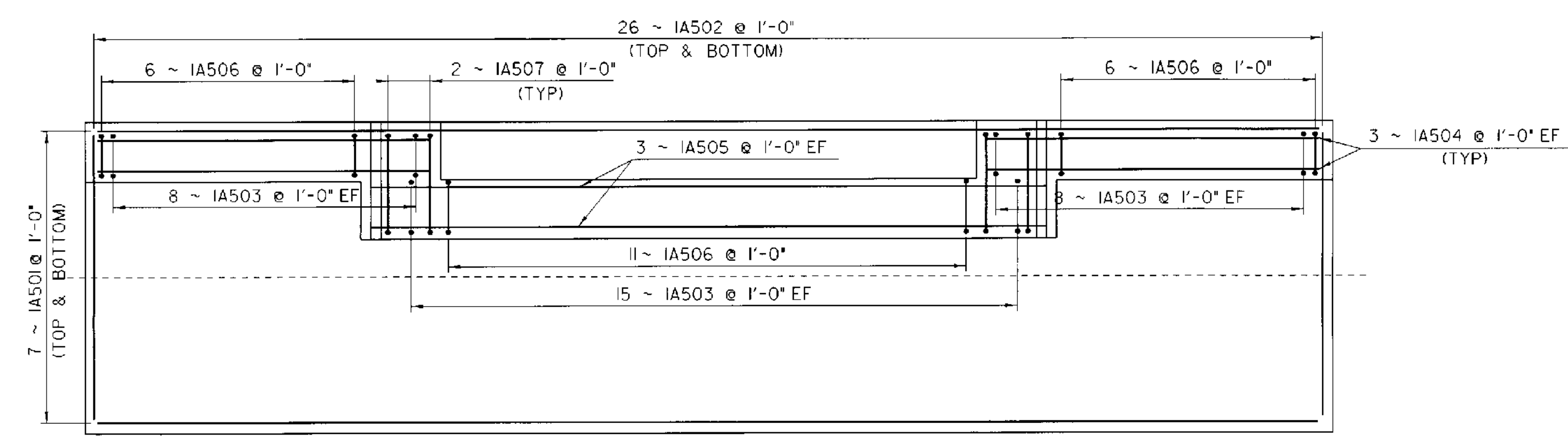
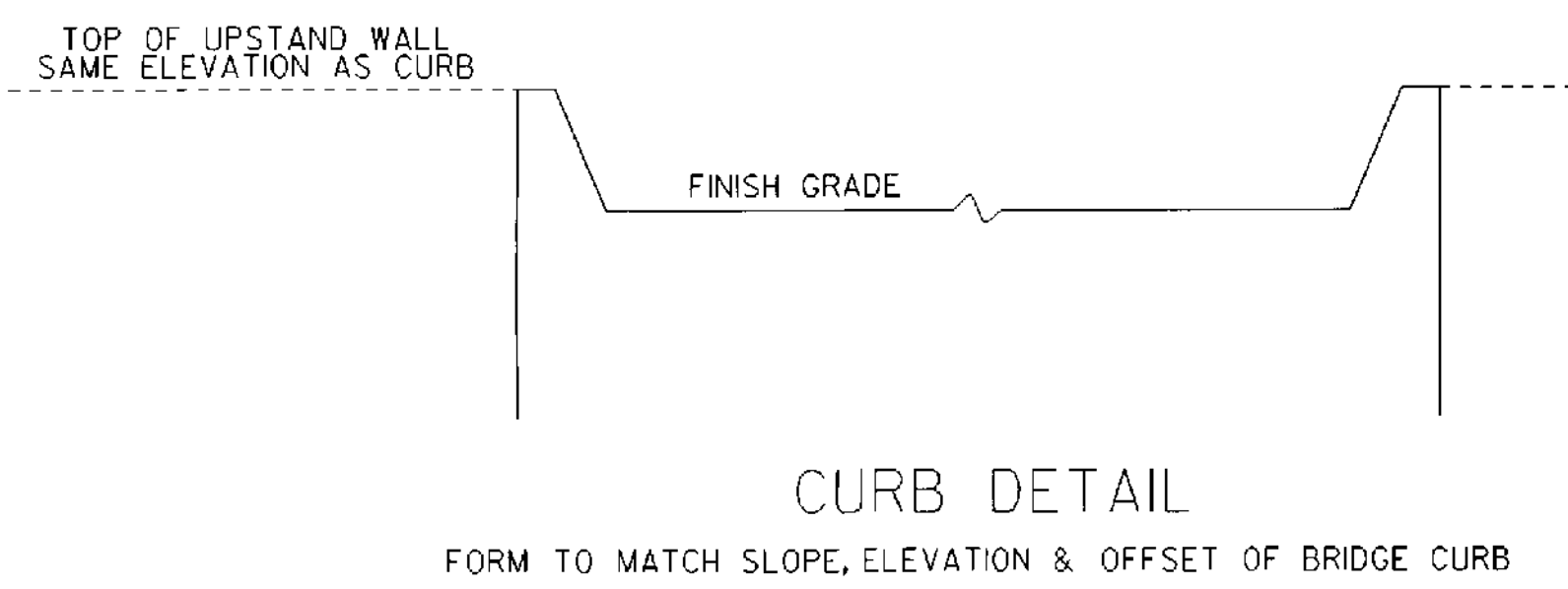




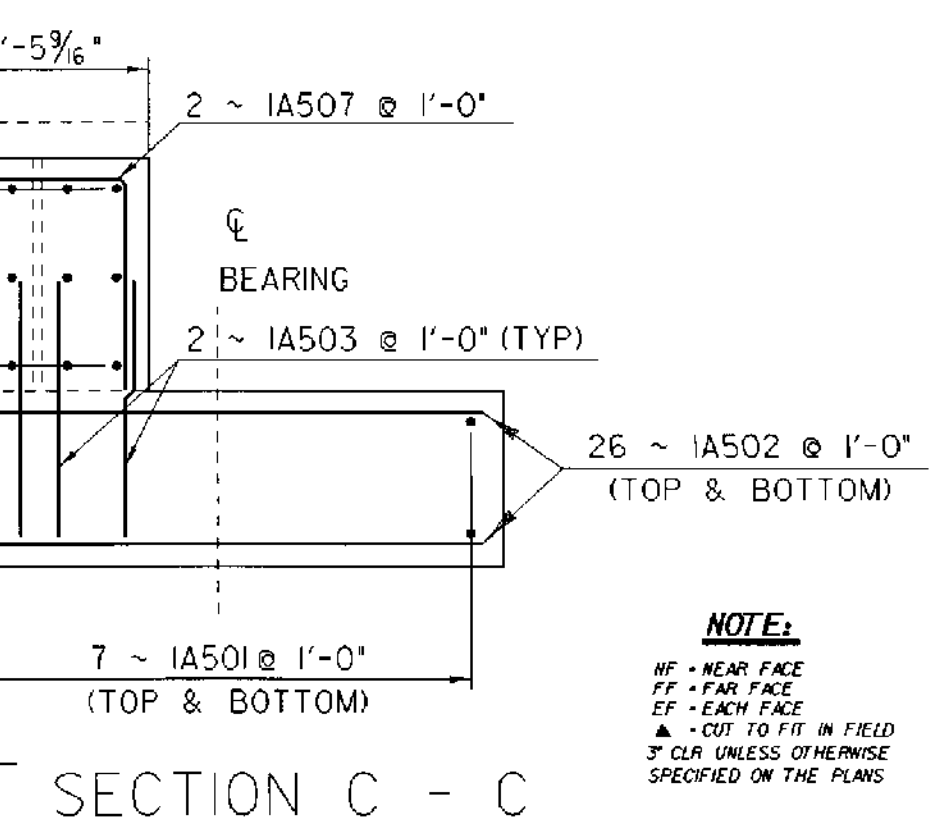
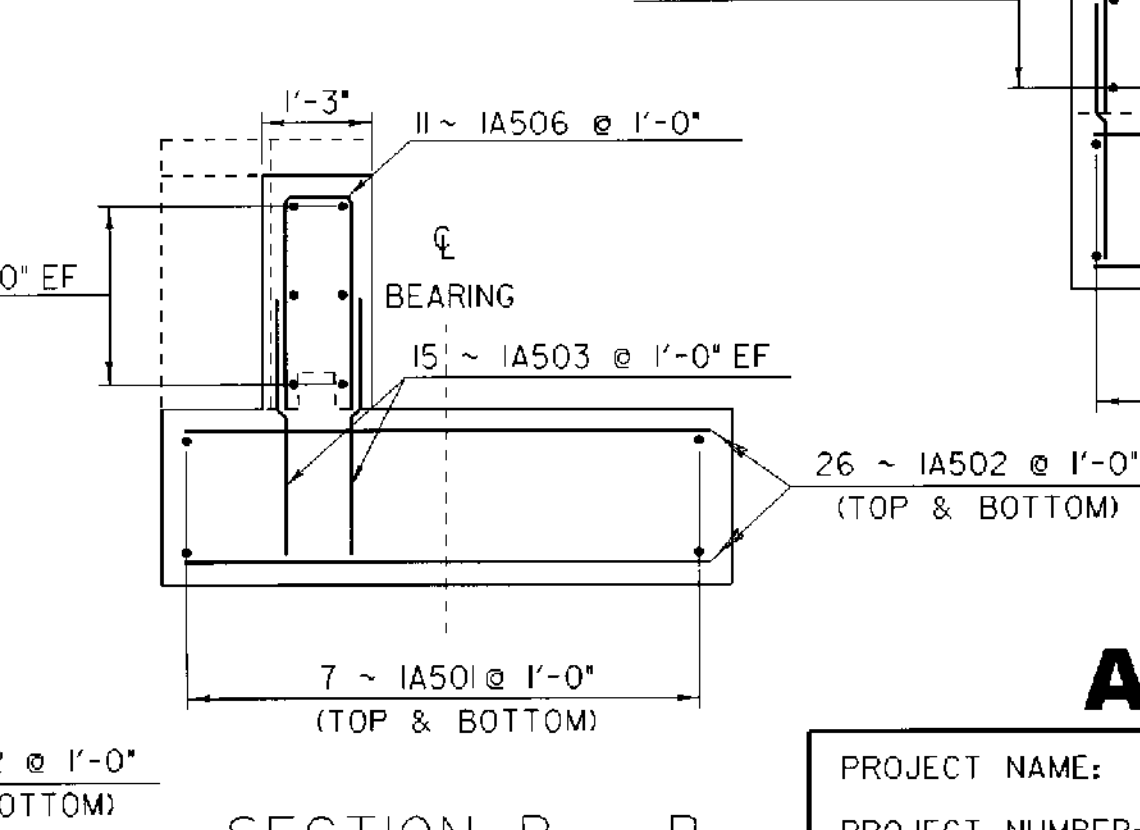
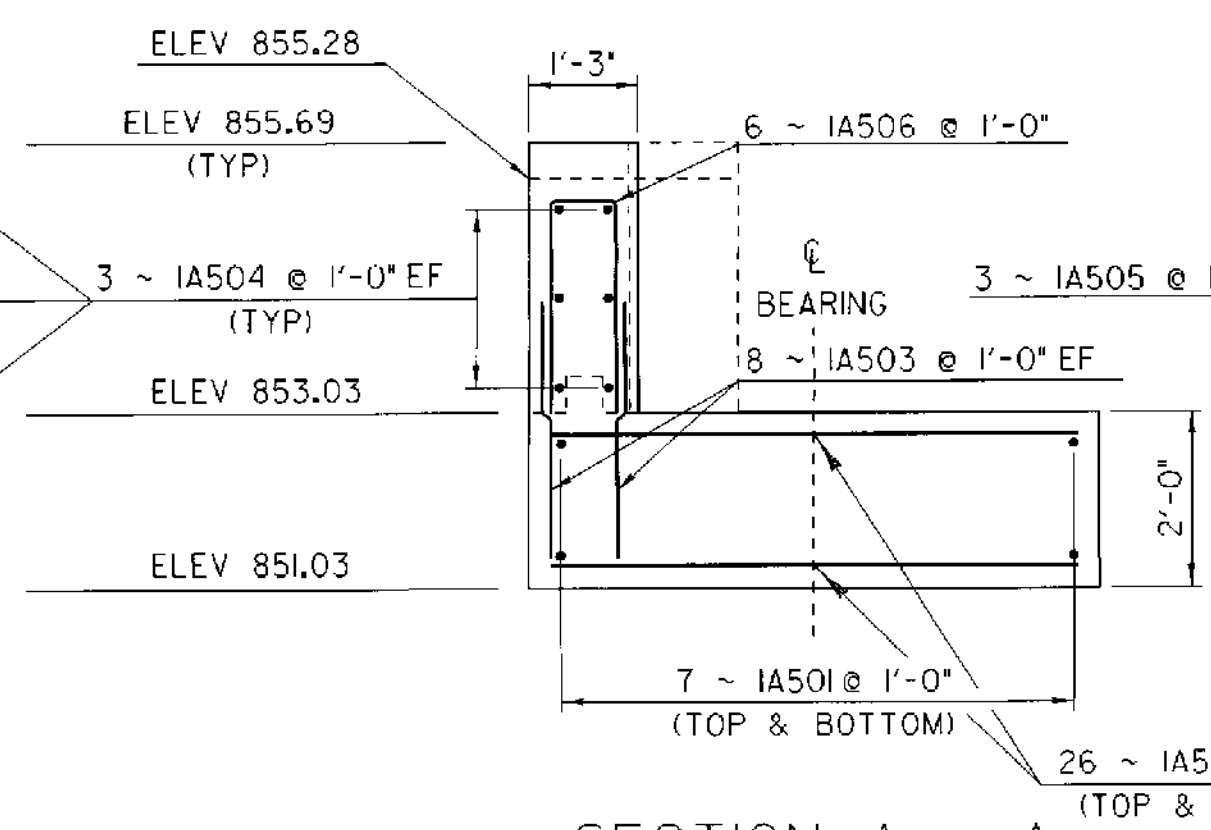
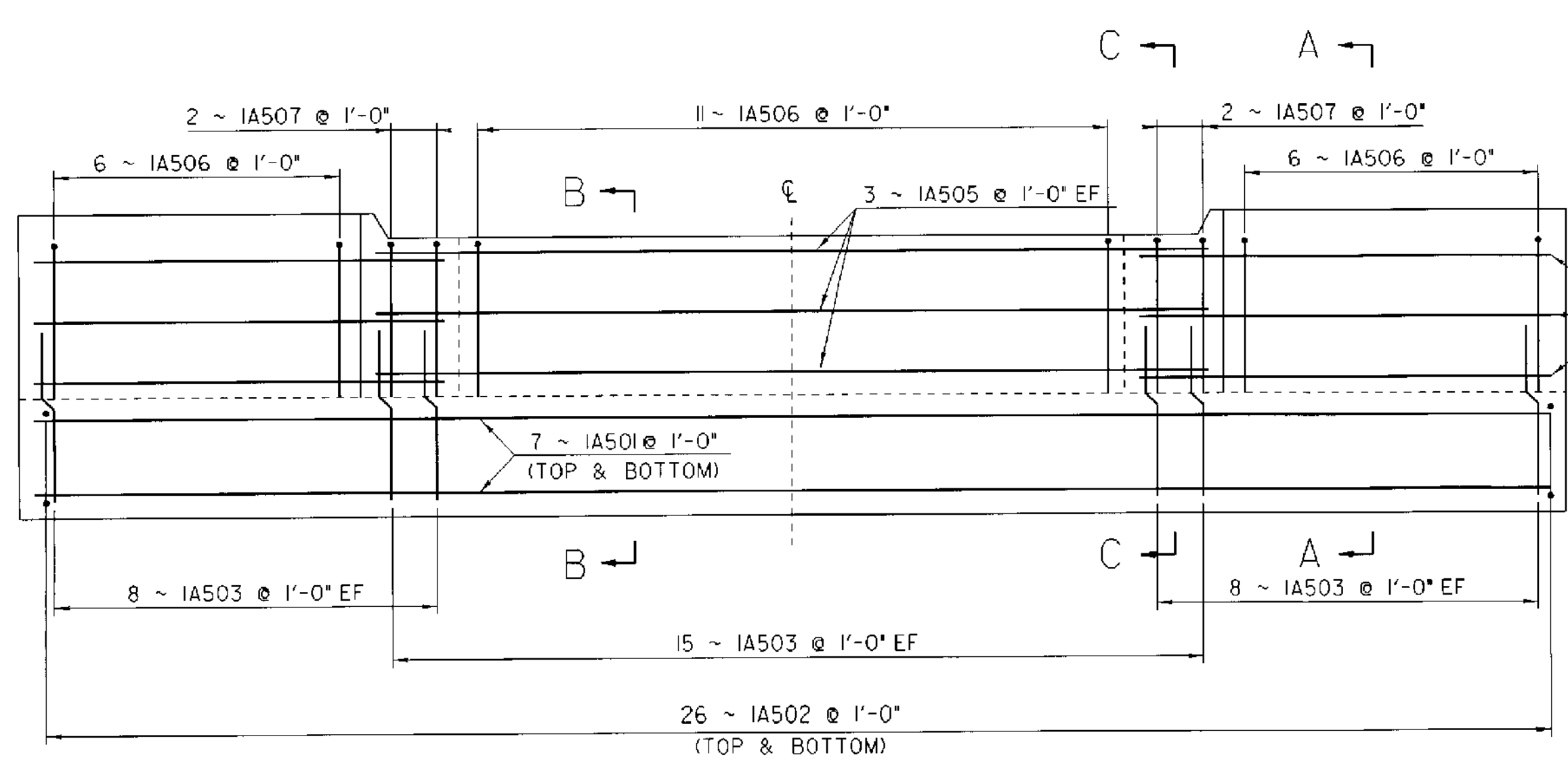
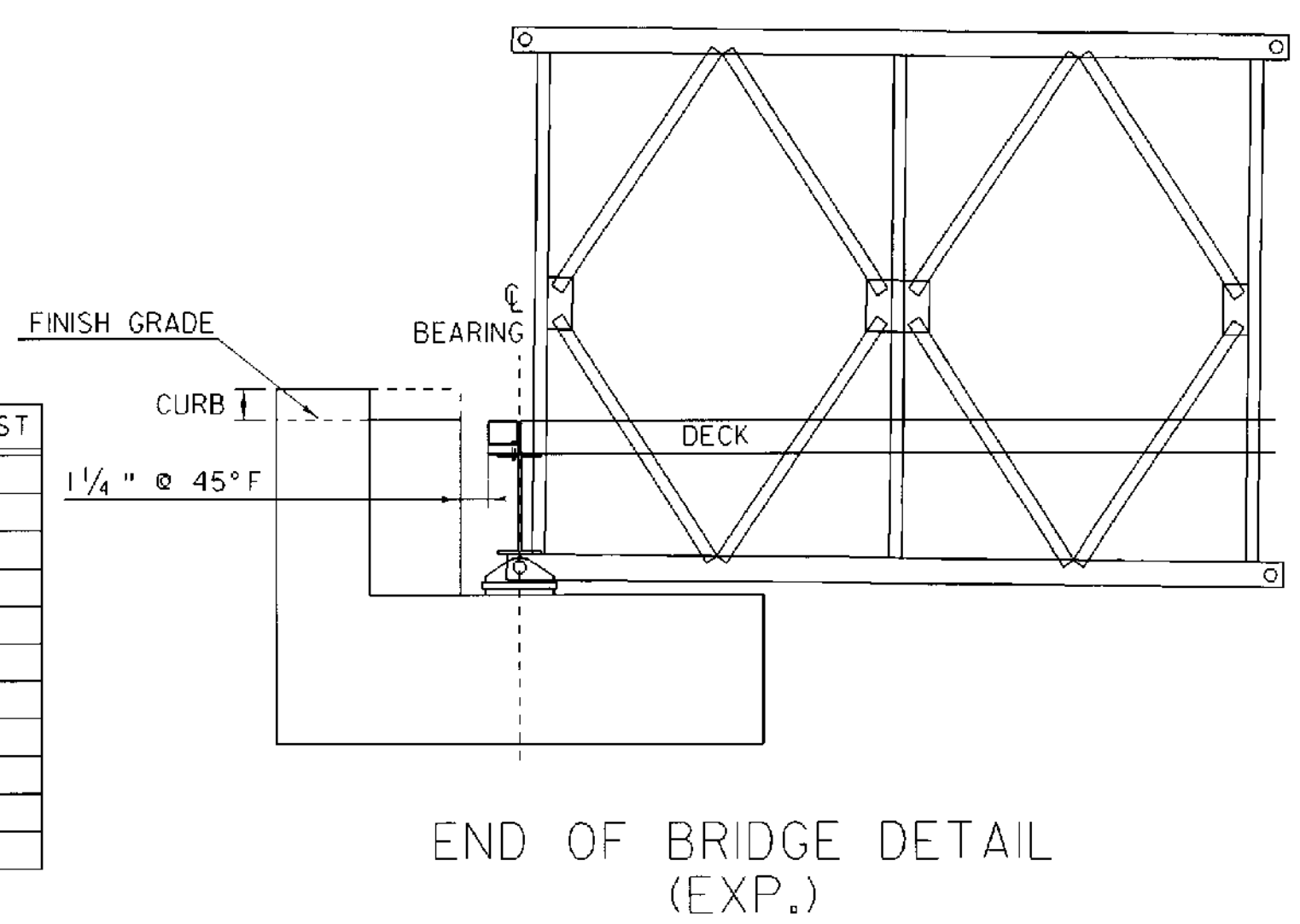
**ABUTMENT #1**  
**MALE END OF BRIDGE**  
 (ABUTMENT IS SYMMETRICAL ABOUT THE CENTERLINE OF THE TRAVELED WAY.)

| EACH               | SIZE | LENGTH  | MARK  | TYPE | A       | B      | C       | D      |
|--------------------|------|---------|-------|------|---------|--------|---------|--------|
| <b>ABUTMENT #1</b> |      |         |       |      |         |        |         |        |
| 14                 | 5    | 25'- 6" | 1A501 | STR  | 25'- 6" |        |         |        |
| 52                 | 5    | 6'- 0"  | 1A502 | STR  | 6'- 0"  |        |         |        |
| 54                 | 5    | 3'- 11" | 1A503 | STR  | 3'- 11" |        |         |        |
| 12                 | 5    | 7'- 0"  | 1A504 | STR  | 7'- 0"  |        |         |        |
| 6                  | 5    | 14'- 0" | 1A505 | STR  | 14'- 0" |        |         |        |
| 23                 | 5    | 4'- 3"  | 1A506 | S10  |         | 1'- 9" | 0'- 9"  | 1'- 9" |
| 4                  | 5    | 5'- 5"  | 1A507 | S10  |         | 1'- 9" | 1'- 11" | 1'- 9" |

APPROX 1220 LBS OF REINFORCING STEEL  
 APPROX 16 CUBIC YARDS OF CONCRETE



| TEMP  | "A" DIST |
|-------|----------|
| -30°F | 2 1/8    |
| -15°F | 1 5/8    |
| 0°F   | 1 3/4    |
| 15°F  | 1 5/8    |
| 30°F  | 1 1/2    |
| 45°F  | 1 1/4    |
| 60°F  | 1 1/6    |
| 75°F  | 0 7/8    |
| 90°F  | 0 3/4    |
| 105°F | 0 5/8    |
| 120°F | 0 3/8    |



**NOTE:**  
 HF - NEAR FACE  
 FF - FAR FACE  
 EF - EACH FACE  
 \* - CUT TO FIT IN FIELD  
 \* - CUT UNLESS OTHERWISE SPECIFIED ON THE PLANS

**ABUTMENT #1 DETAILS**

|                             |                                |                        |
|-----------------------------|--------------------------------|------------------------|
| PROJECT NAME: BRIDGEWATER   | FILE NAME: 86e062/se062abt.dgn | PLOT DATE: 14-SEP-2005 |
| PROJECT NUMBER: BRS 0149(4) | PROJECT LEADER: C.S. KELLER    | DRAWN BY: STR 5        |
|                             | DESIGNED BY: T. FILLBACH       | CHECKED BY: T. SUMNER  |
|                             | se062abl.i                     | SHEET 12 OF 18         |