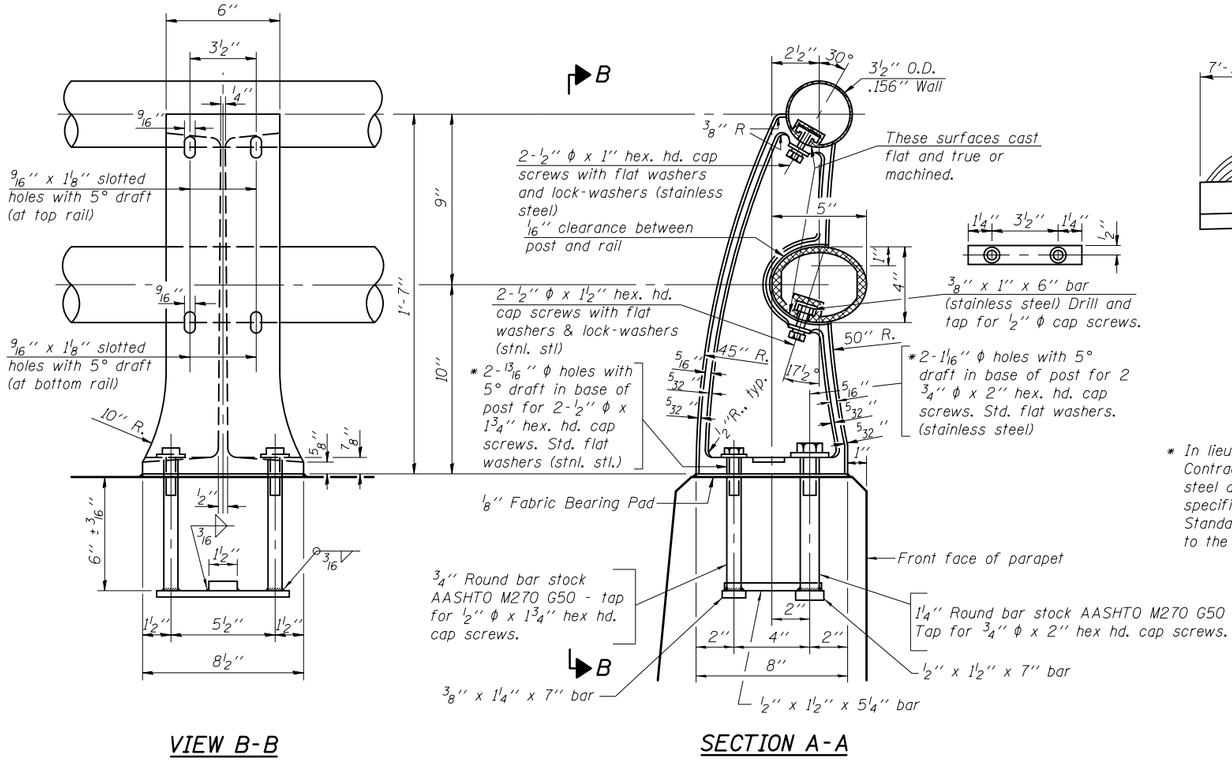
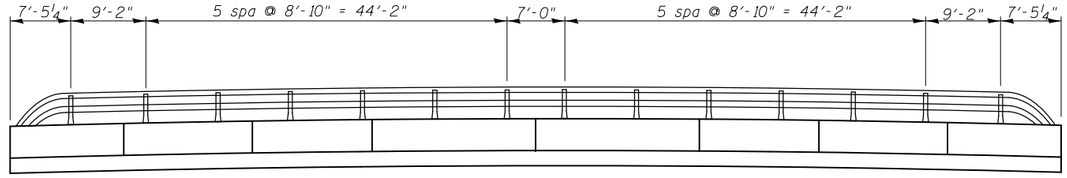



VIEW B-B

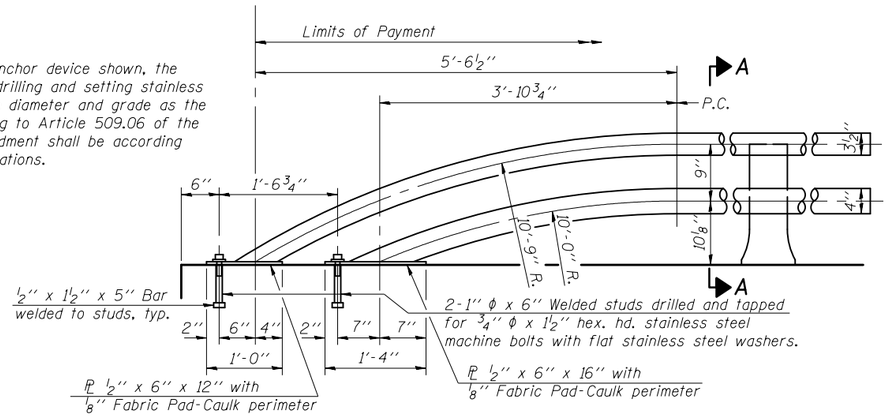
SECTION A-A

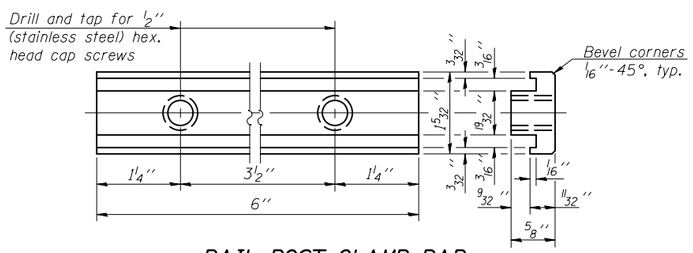
## RAIL POST DETAILS




## ELEVATION - RAIL POST SPACING

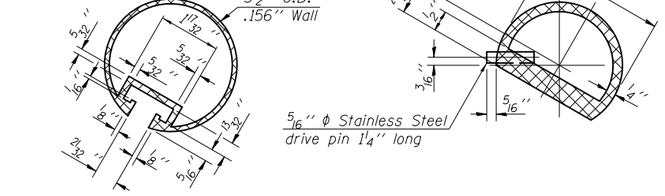
* In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting stainless steel anchor rods of the same diameter and grade as the specified cap screws according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



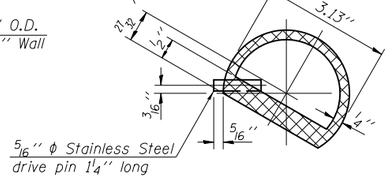




## RAIL POST CLAMP BAR

For Top Rail

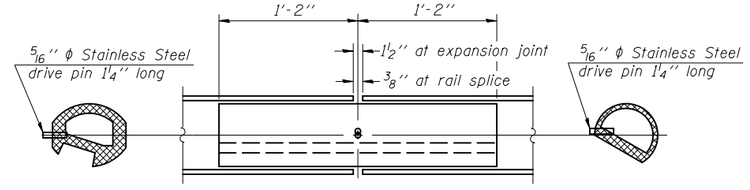



## SECTION THRU TOP RAIL

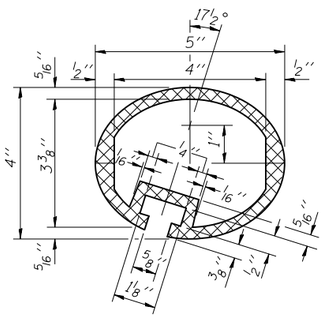



## SECTION THRU SPLICE

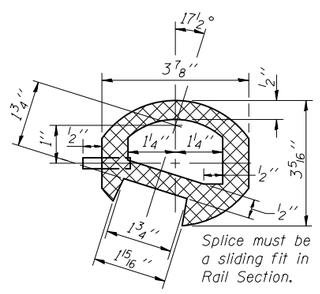
For Top Rail



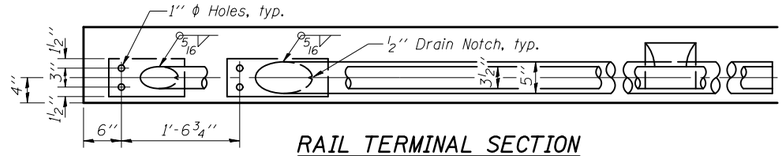

## RAIL SPLICE




## SEC. THRU ELLIPTICAL RAIL SECTION

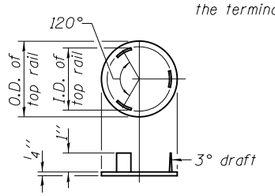



## SEC. THRU SPLICE



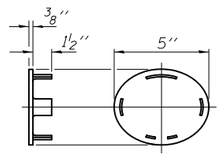

## RAIL TERMINAL SECTION

Note:
The end rail post shall be set back as required for the terminal rail section.




## CAST END CAP

For top rail




## CAST END CAP

For bottom rail
DRIVE FIT TYPE

Notes:
All Posts shall be normal to parapet.
All joints in rail shall be spliced per detail.
All exposed rail ends shall be capped per detail.
Provide 1-⅛'' and 2-1/16'' Aluminum Shims for 25% of the Posts. Rail elements shall be parallel to Grade-high spots will be ground and low spots shimmed.

## BILL OF MATERIAL

| Item | Unit | Quantity |
|---|---|---|
| Aluminum Railing, Type L | Foot | 253 |

FUHRMANN ENGINEERING INC.
CIVIL ENGINEERS/LAND SURVEYORS
2852 South 11th Street
Springfield, Illinois 62703
(217) 529-6577

| | | | |
|---|---|---|---|
| USER NAME = cearlock.jd | DESIGNED - VPT | REVISED | |
| | CHECKED - THW | REVISED | |
| PLOT SCALE = 0:2.0000 '=' / in. | DRAWN - THW | REVISED | |
| PLOT DATE = 8/12/2014 $TIME$ | CHECKED - VPT | REVISED | |

**STATE OF ILLINOIS**
**DEPARTMENT OF TRANSPORTATION**

**ALUMINUM RAILING, TYPE L**
**STRUCTURE NO. 057-0256**
SHEET NO. 16 OF 23 SHEETS

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| 730 | 62-ZBR | MCLEAN | 65 | 43 |
| | | CONTRACT NO. 70540 | | |
| | ILLINOIS FED. AID PROJECT | | | |