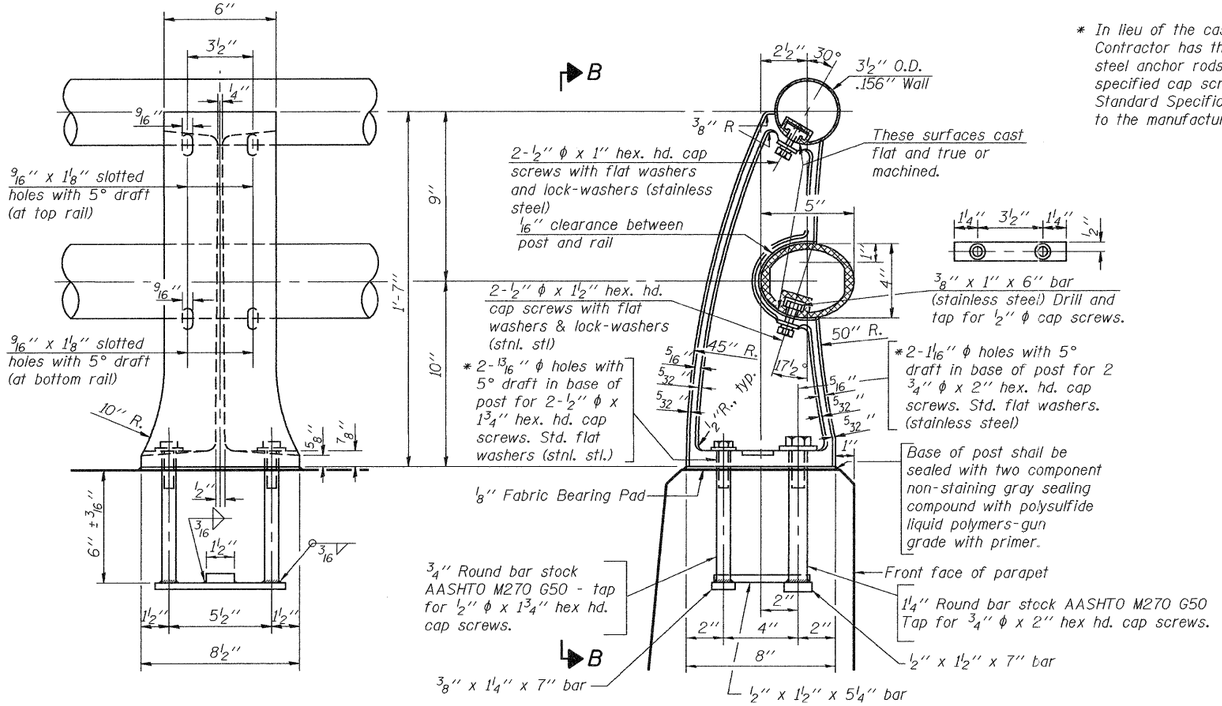
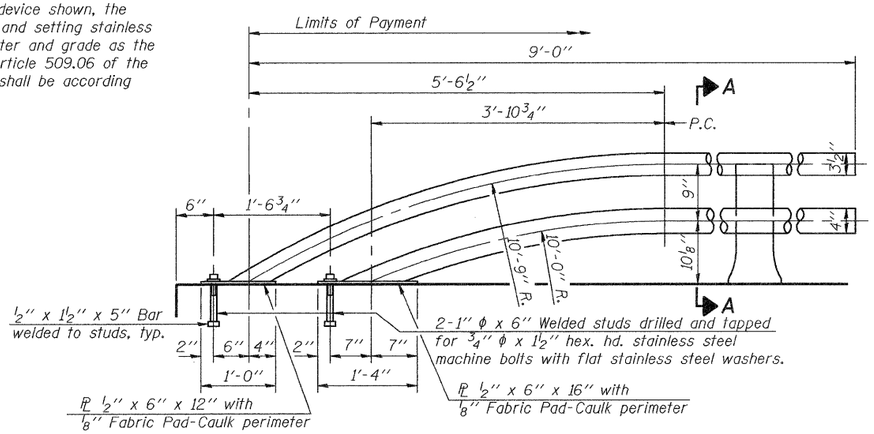
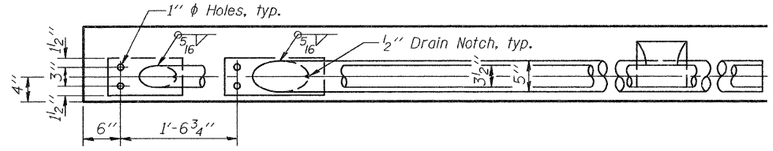
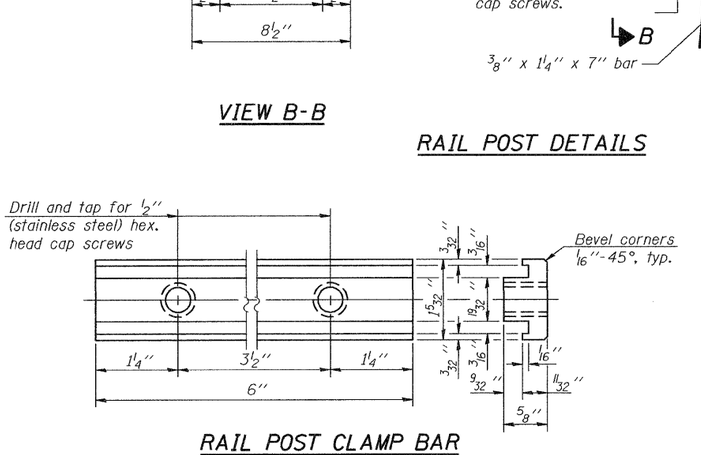


* *In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting stainless steel anchor rods of the same diameter and grade as the specified cap screws according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's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





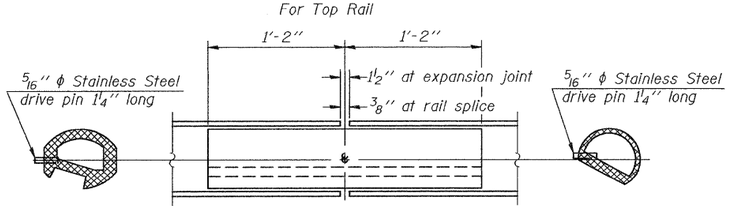
RAIL TERMINAL SECTION



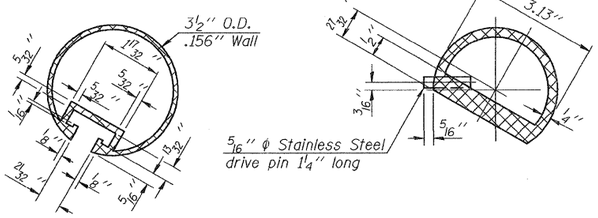
RAIL POST DETAILS

RAIL POST CLAMP BAR

For Top Rail



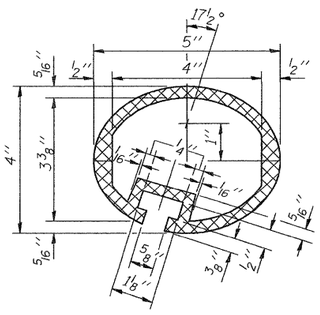
RAIL SPLICE



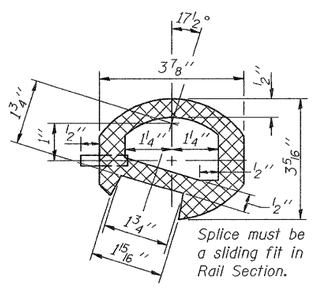
SECTION THRU TOP RAIL

SECTION THRU SPLICE

For Top Rail

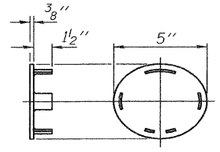


SEC. THRU ELLIPTICAL RAIL SECTION



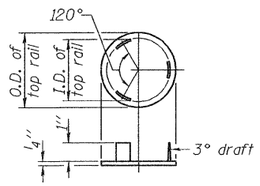
Splice must be a sliding fit in Rail Section.

SEC. THRU SPLICE



CAST END CAP

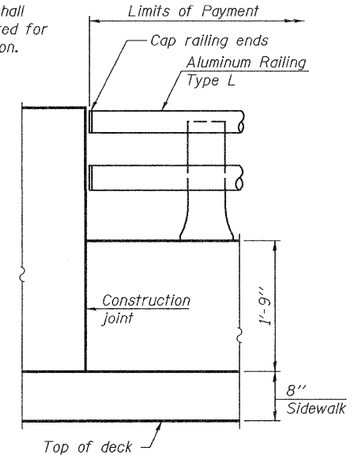
For bottom rail
DRIVE FIT TYPE



CAST END CAP

For top rail

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



RAIL END TREATMENT FOR TYPE 5 AND 6 TERMINAL

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.
See sheet of for rail post spacing.

BILL OF MATERIAL

Item	Unit	Quantity
Aluminum Railing, Type L	Foot	

FOR INFORMATION ONLY

R-20

7-1-10 (7'-0'' to 10'-0'' Post spacing)

FILE NAME = $FILEL$	USER NAME = $USER$	DESIGNED RTB	REVISED -
		DRAWN MVT	REVISED -
	PLOT SCALE = $SCALE$	CHECKED MVT	REVISED -
	PLOT DATE = $DATE$	DATE 11/4/09	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALUMINUM RAILING, TYPE L
SN 016-0318
SHEET NO. 19A OF 36 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
848	0708 (.2 & '2A) BR	COOK	36	19A
		CONTRACT NO. 60L53		
		ILLINOIS FED. AID PROJECT		