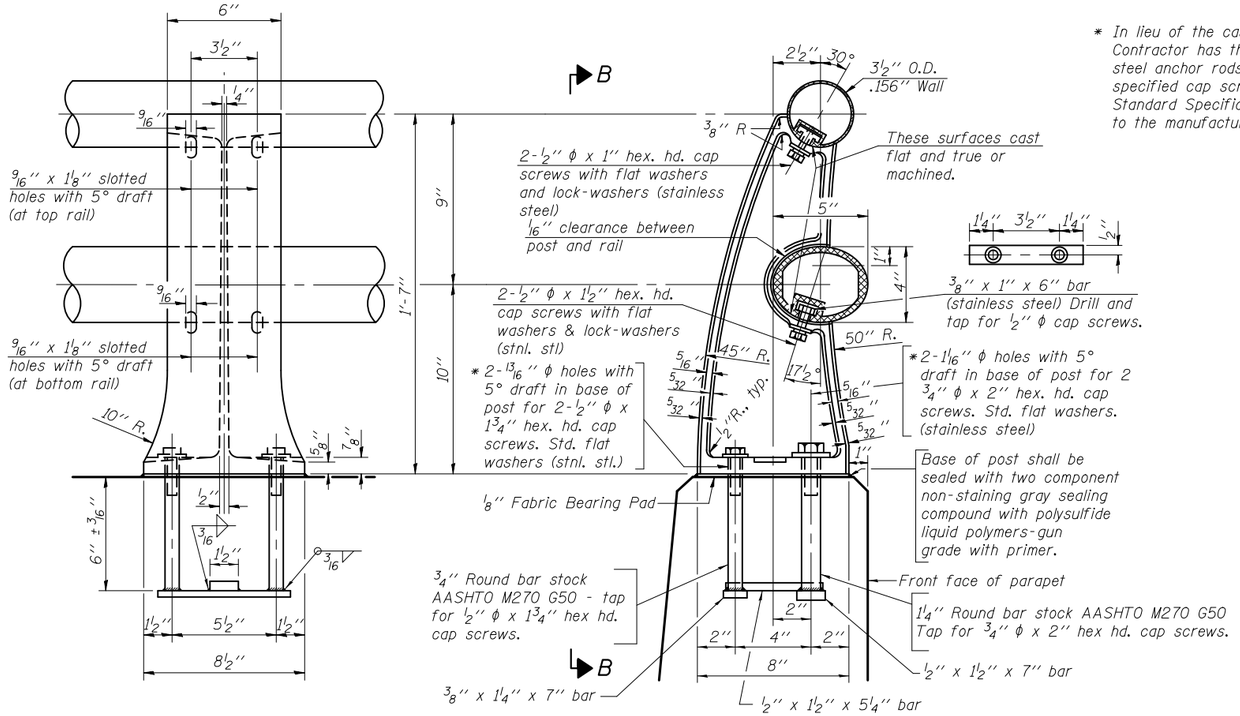
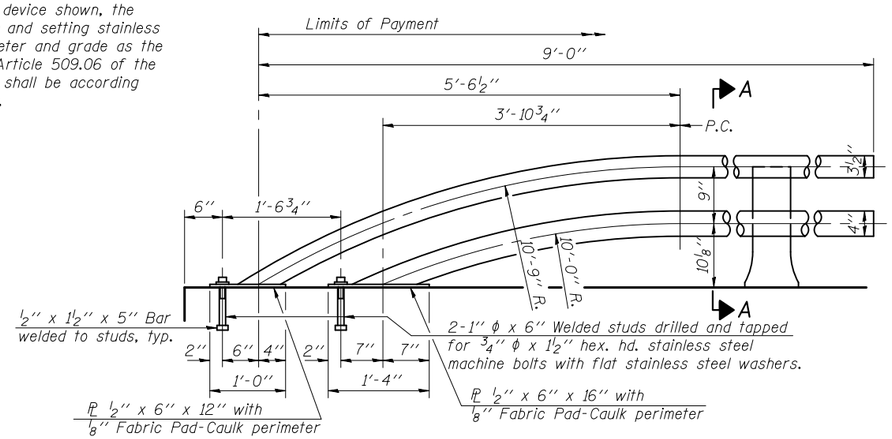
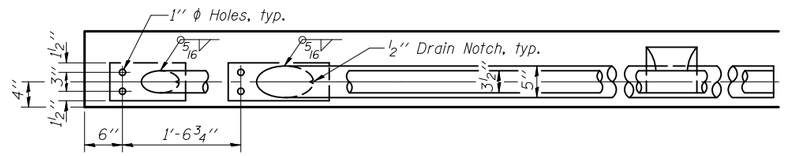


* *In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting stainless steel anchor rods of the same diameter and grade as the specified cap screws according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's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



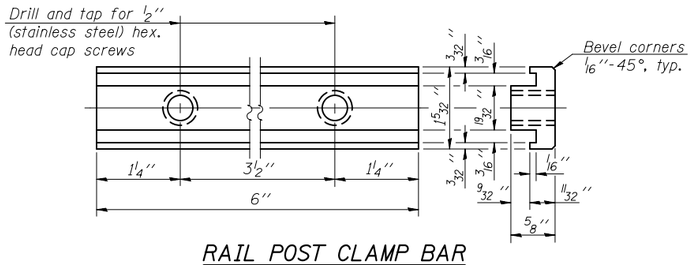


RAIL TERMINAL SECTION

VIEW B-B

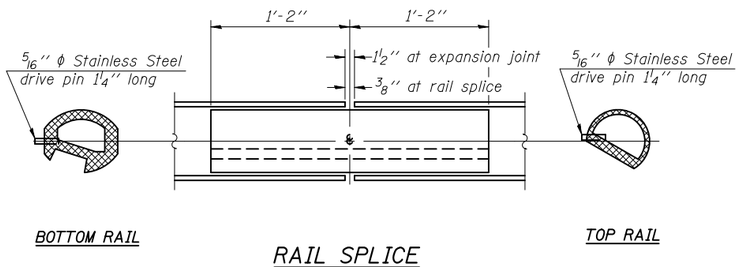
SECTION A-A

RAIL POST DETAILS



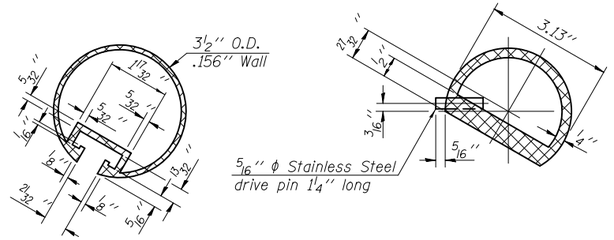
RAIL POST CLAMP BAR

For Top Rail



RAIL SPLICE

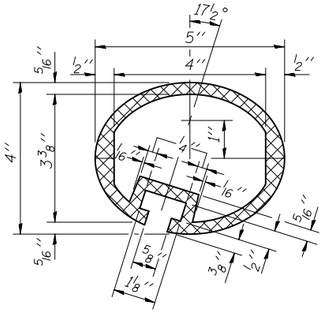
(7'-0'' to 10'-0'' Post spacing)



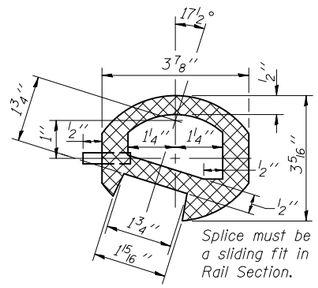
SECTION THRU TOP RAIL

SECTION THRU SPLICE

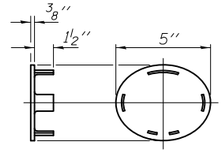
For Top Rail



SEC. THRU ELLIPTICAL RAIL SECTION

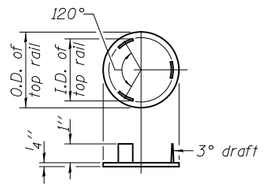


SEC. THRU SPLICE



CAST END CAP

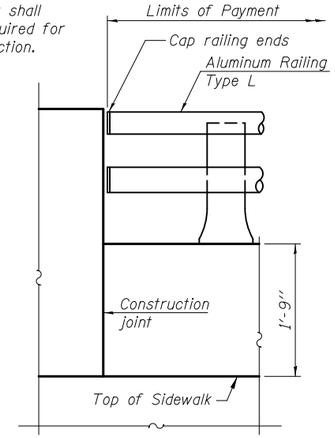
For bottom rail
DRIVE FIT TYPE



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 6 TERMINAL AND LIGHT POLE FOUNDATION

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 sheets WK4 and WK5 for rail post spacing.

BILL OF MATERIAL

Item	Unit	Quantity
Aluminum Railing, Type L	Foot	356

CIVILTECH
450 E Devon Ave, Suite 300
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

DRAWN	-	K. BOCHNOWSKI
DESIGNED	-	D. ATKINS
CHECKED	-	G. HATLESTAD
DATE	-	5/3/2012

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALUMINUM RAILING, TYPE L
WALL K; ALGONQUIN ROAD
STRUCTURE NO. 056-2504
SHEET NO. WK7 OF WK9 SHEETS

O.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0003	18A-2	MCHENRY	825	662
		CONTRACT NO. 60F72		
	ILLINOIS FED. AID PROJECT			

J:\254\cad\sheet\Roadway\20-Structures & Walls\16-Wall K\056250460F72-07-RTL_rev.dgn
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5/2/2012