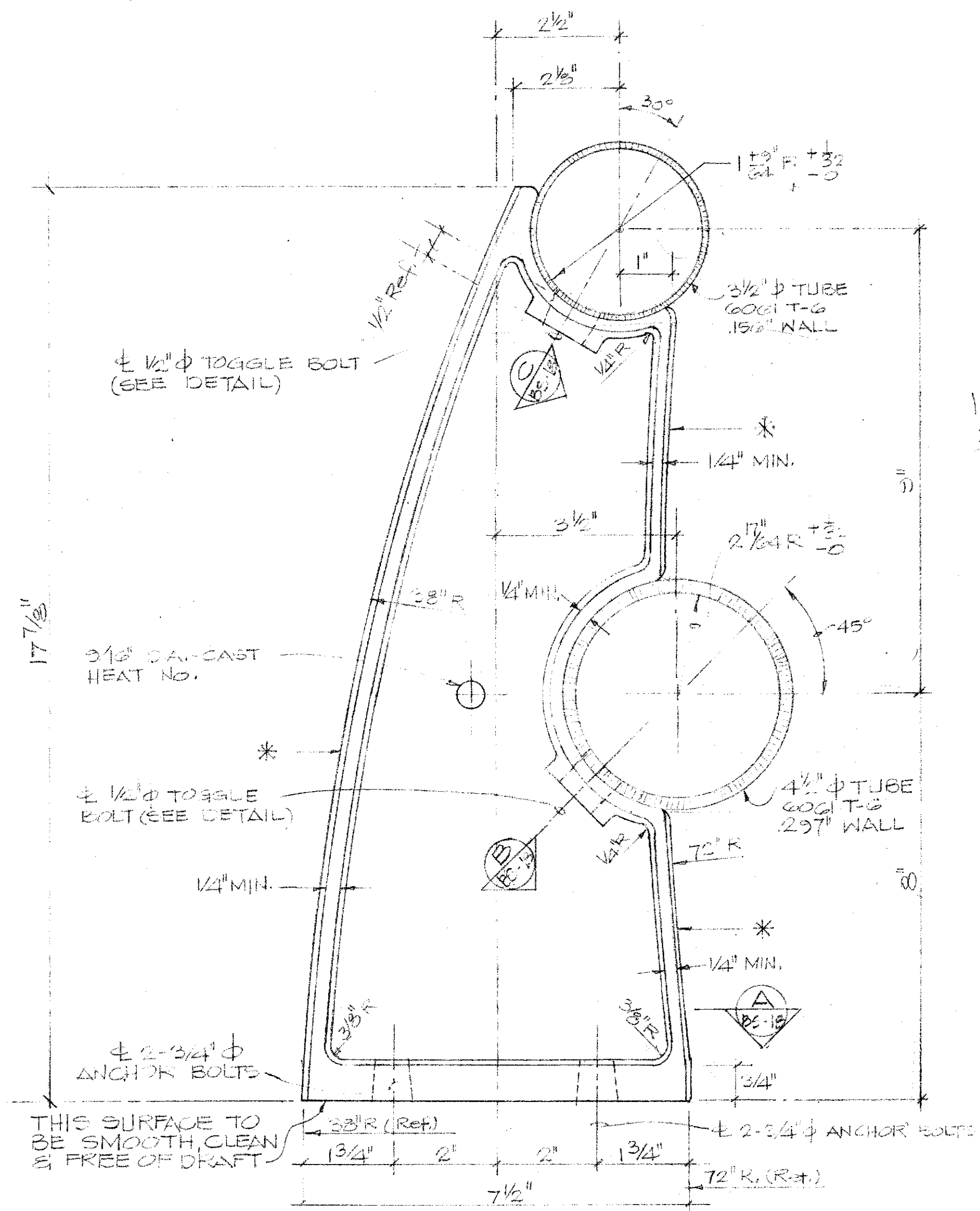


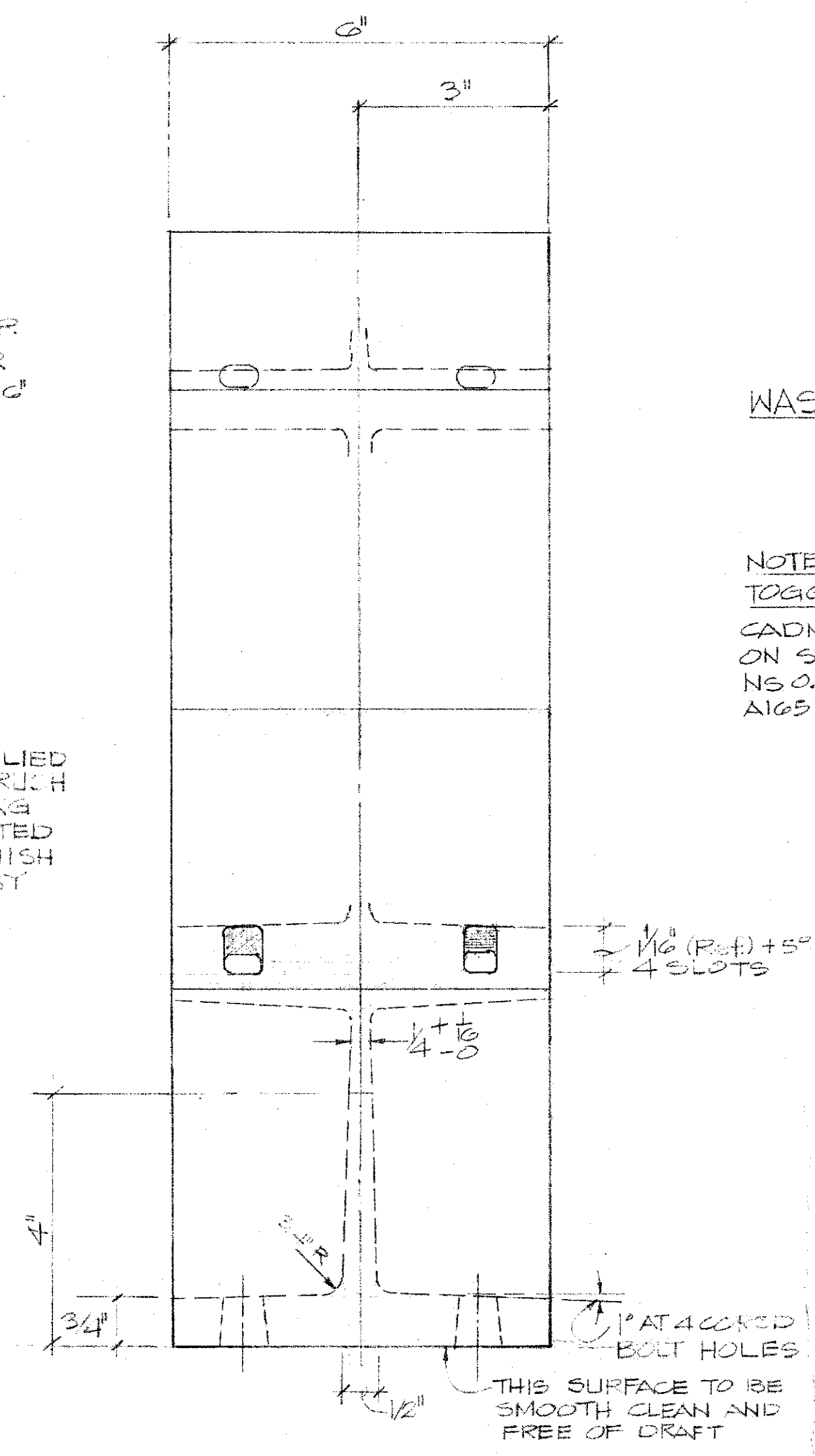


SIDE ELEVATION

NOTE:
UNLESS OTHERWISE SPECIFIED:
DRAFT ANGLES - 3°
CORNER RADIUS - 3/32" R
FILLET RADIUS - 3/8" R
CASTING TOLERANCE - ± 1/16"
WALL THICKNESS - ± 1/32"

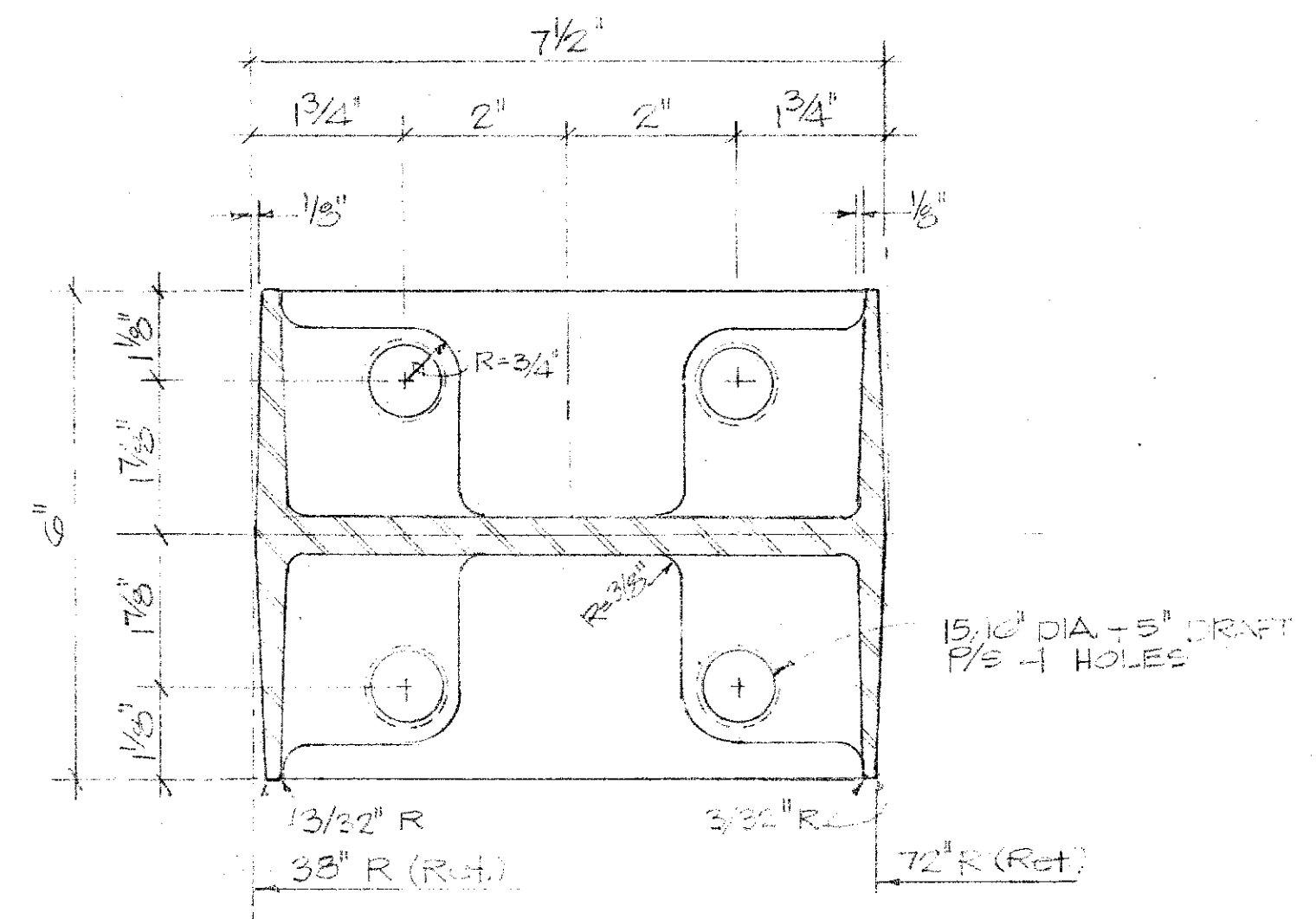
* CASTING TO BE SUPPLIED WITH A STD. SCRATCH BRUSH FINISH ON ENTIRE GATING K/S SURFACE AS INDICATED BY AN ASTERISK (*). FINISH SHALL BE APPROVED BY THE ENGINEER.

NOTE:
FOR CAST POST & RAIL SEE SPECIFICATIONS.

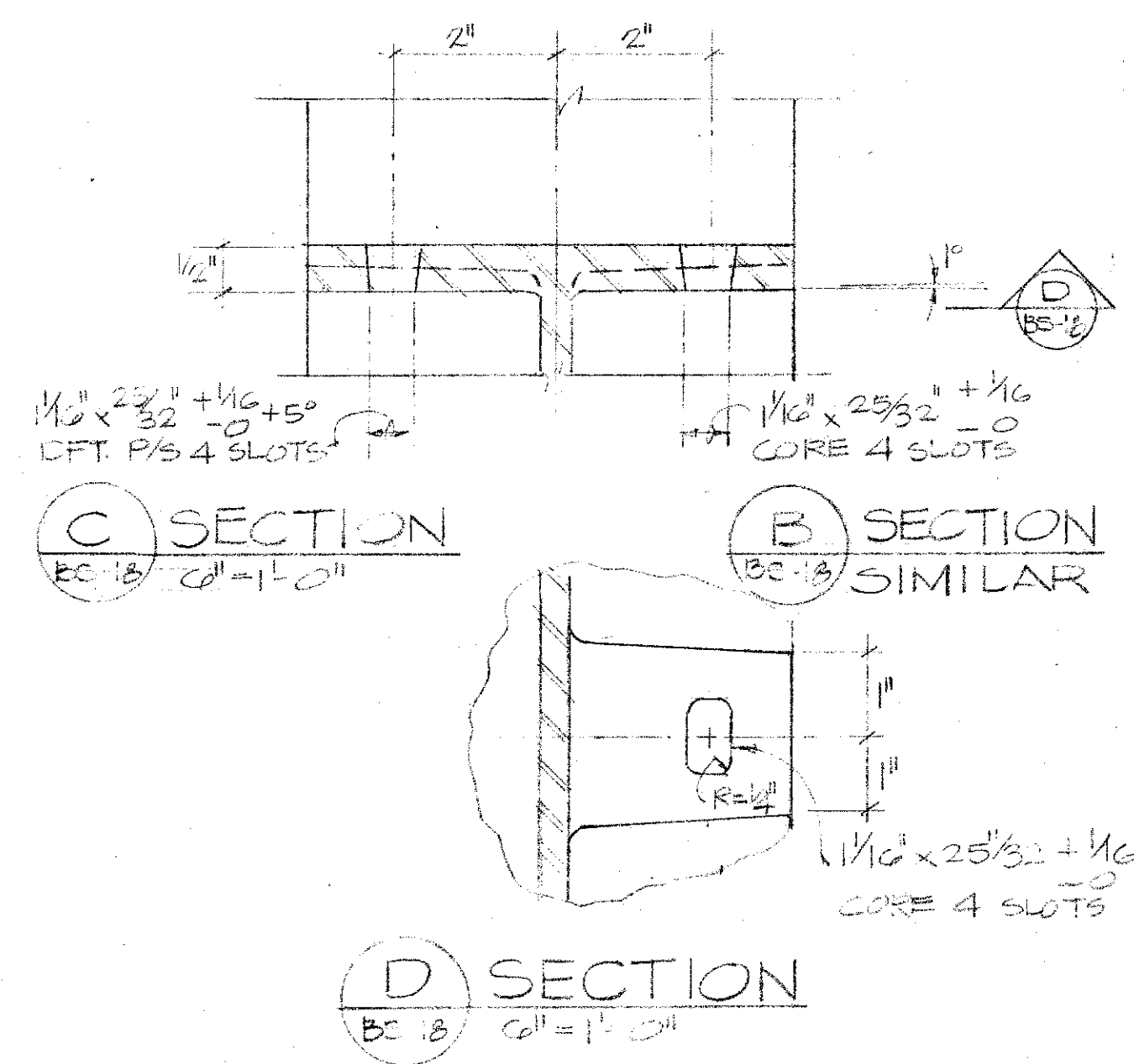


END ELEVATION

TYPICAL RAIL POST DETAILS
SCALE: 6" = 1'-0"



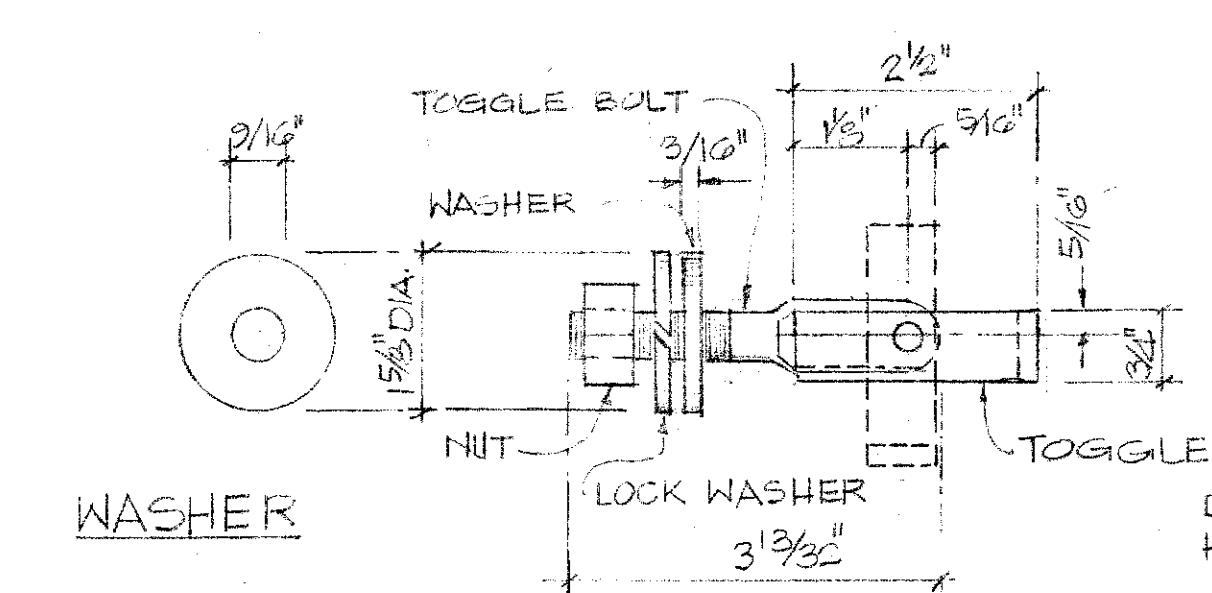
SECTION A
SCALE: 6" = 1'-0"



SECTION C
SCALE: 6" = 1'-0"

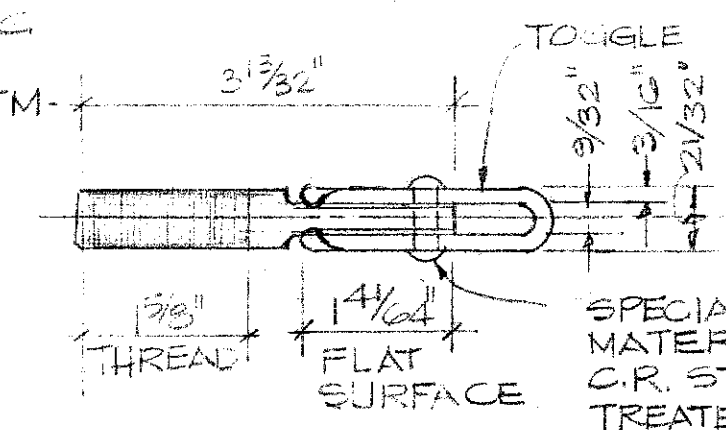
SECTION B
SCALE: 6" = 1'-0"

SECTION D
SCALE: 6" = 1'-0"



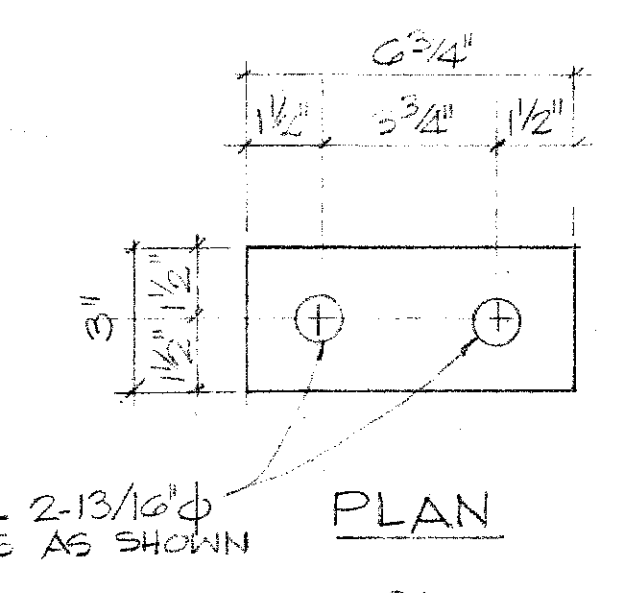
SIDE ELEVATION ASSEMBLY

NOTE:
TOGGLE BOLT
CADMIUM PLATING ON STEEL-TYPE
NS 0.005" THICK ASTM
A165 (ALL PARTS)

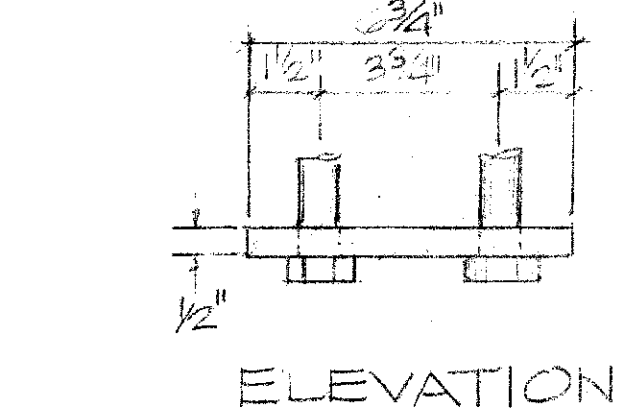


TOP PLAN

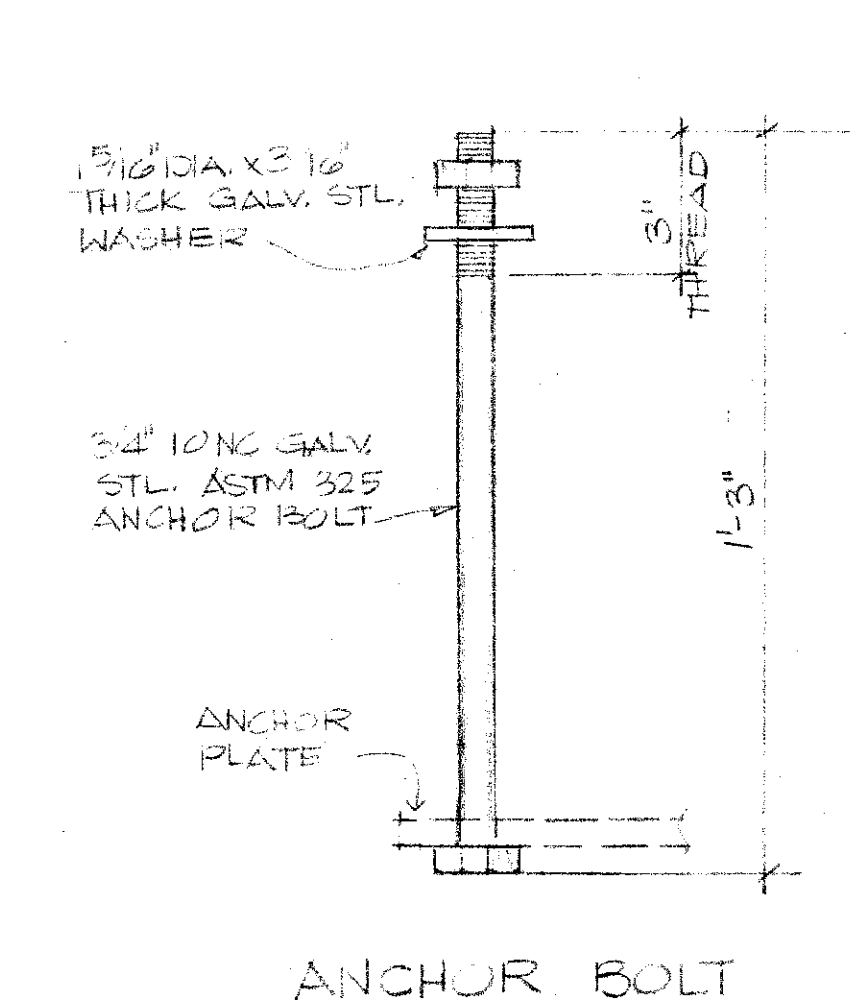
1/2" Ø STEEL TOGGLE BOLT DETAIL
SCALE: 6" = 1'-0"



PLAN

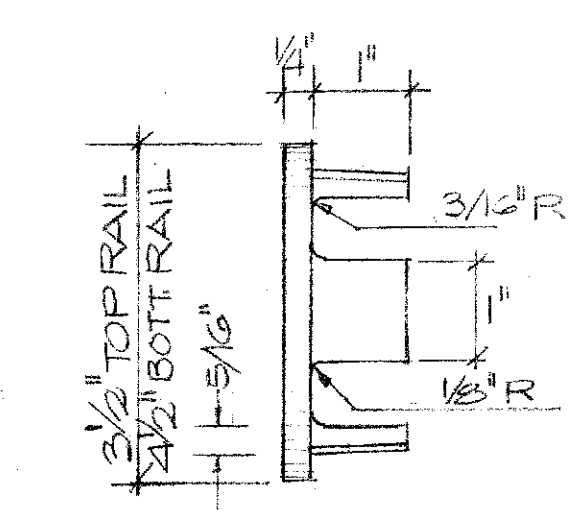


ELEVATION



ANCHOR BOLT

TYPICAL RAIL POST STEEL ANCHOR BOLT ASSEMBLY
SCALE: 3" = 1'-0"



ALL DRAFT ANGLES 3°

RAIL CAP DETAIL
SCALE: 6" = 1'-0"

U. S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

NO.	DATE	DESCRIPTION	ENGR.	DEPT. OR DIV.

DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU

DIVISION OF ENGINEERING

KAMEHAMEHA HIGHWAY BRIDGE
OVER KAHALUU STREAM

KAHALUU, OAHU, HAWAII

RAILING DETAILS

ENGINEER: MY DATE: 6/17/77

DRAFTSMAN: JEL CHECKED BY:

APPROVED: [Signature] CHIEF, DIVISION OF ENGINEERING

JOB NO. 38-77 DWG. NO. 7-E-23094