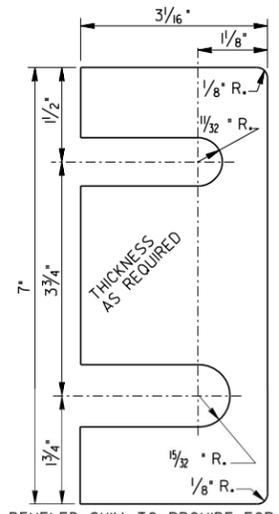
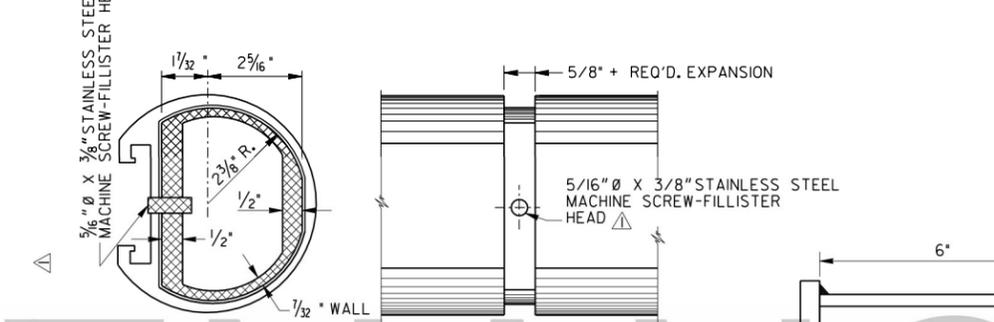
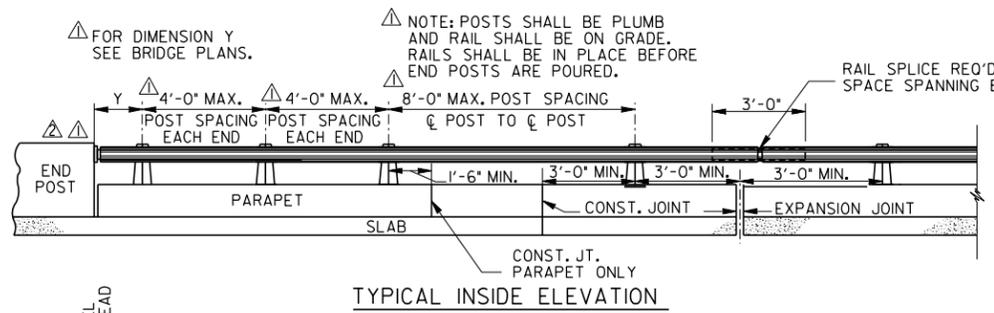


ANCHOR BOLT DETAILS

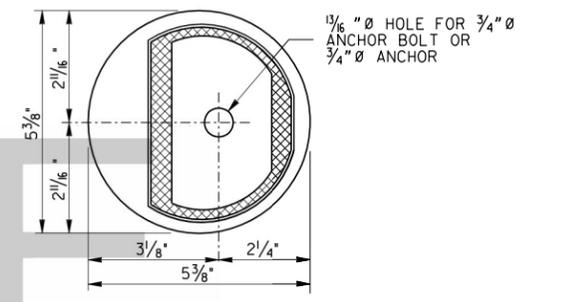


SHIM DETAIL



RAIL SPLICE DETAILS

MATERIAL SPECIFICATIONS	
ITEM	MATERIAL
POSTS	ALUM. ALLOY A444-T4
RAILING, CLAMP BAR, SPLICE SLEEVE AND END ATTACHMENT	A.S.T.M. B-221 ALLOY 6061 CONDITION T6
SHIM AND WASHER	A.S.T.M. SHIM, 1100-O B-209 WASHER, ALCAD 2024-T3
ANCHOR BOLT & NUT	A.S.T.M. A-307 GALV. STEEL GALV. A-153
ANCHOR BOLT ANGLE	COMMERCIAL QUALITY
CONNECTOR BOLT	STAINLESS STEEL-A.S.T.M. A276 TYPE 316 CONDITION A.
MACHINE SCREW	STAINLESS STEEL-A.S.T.M. A276 TYPE 316 CONDITION A.



END RAIL DETAIL

GENERAL NOTES

SPECIFICATIONS-GEORGIA STANDARD.

RAILING SHALL CONFORM TO HORIZONTAL AND VERTICAL ALIGNMENT. FOR RAILING ON A HORIZONTAL CURVE THE RAIL SHALL CONFORM TO THE CURVE.

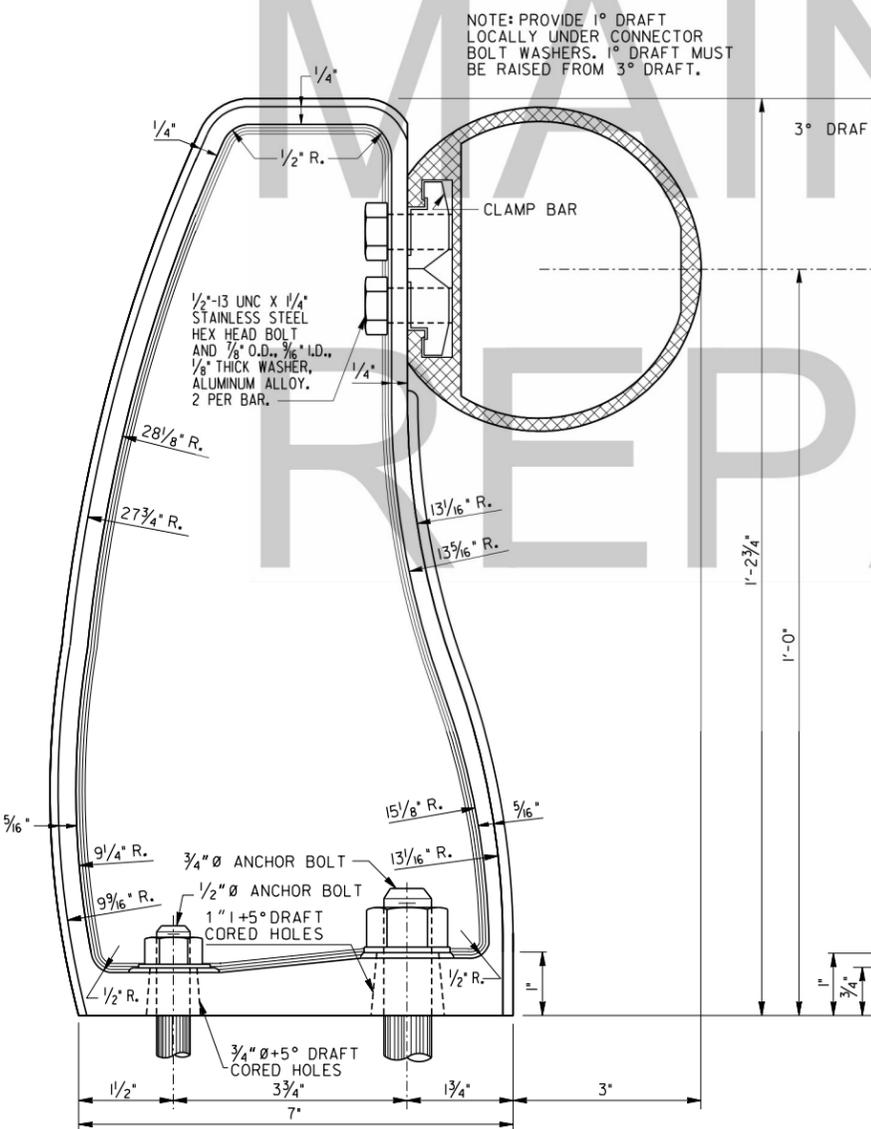
POSTS SHALL BE VERTICAL.

COST OF ANCHOR BOLTS, CONNECTOR BOLTS, NUTS, WASHERS, CLAMP BARS, SPLICE SLEEVES AND SHIMS SHALL BE INCLUDED IN PRICE BID FOR ALUMINUM RAILING.

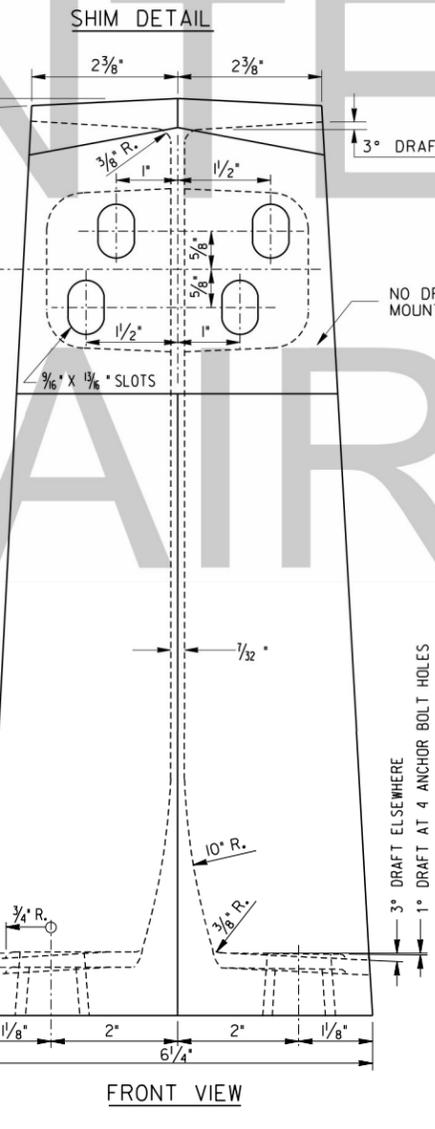
RAILS SHALL BE CONTINUOUS OVER A MINIMUM OF 3 POSTS.

OUTER SURFACE OF POST FLANGES, EXCEPT BASE AND RAIL MOUNTING FACES, SHALL HAVE A NO.36 GRIT FINISH.

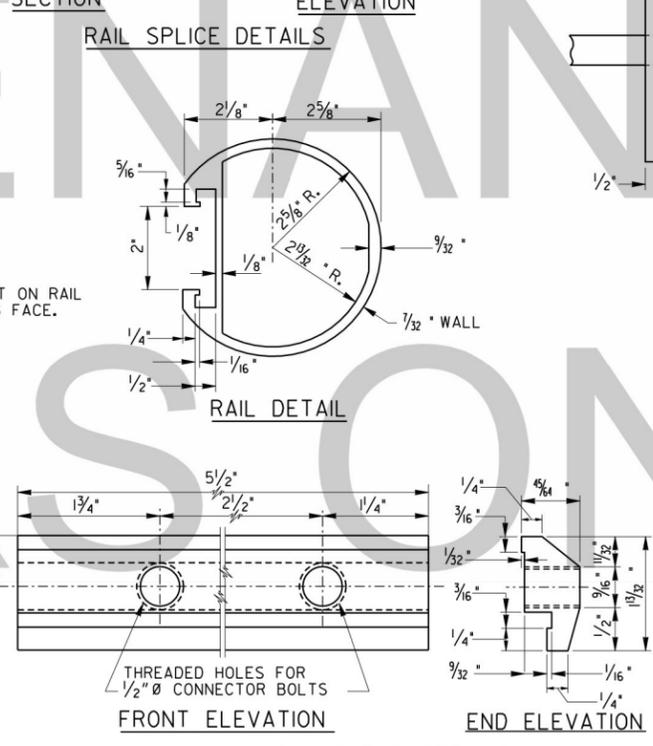
1° DRAFT LOCALLY UNDER CONNECTOR BOLT HEAD MAY BE DEPRESSED PROVIDED BOLT LENGTH AND WASHER THICKNESS ARE REVISED TO FURNISH FULL ENGAGEMENT OF CLAMP BAR THREADS.



SIDE VIEW



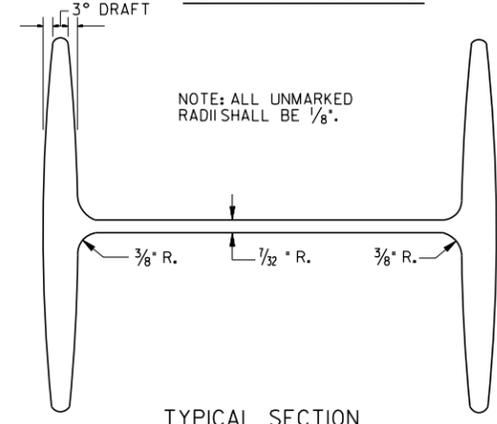
FRONT VIEW



FRONT ELEVATION

END ELEVATION

CLAMP BAR DETAILS



TYPICAL SECTION

POST DETAILS

DEPARTMENT OF TRANSPORTATION  
STATE OF GEORGIA

STANDARD  
ONE PIPE  
ALUMINUM HANDRAILING  
FOR BRIDGES

NOT TO SCALE

REDESIGNED JULY 2024

OCTOBER 1964

NUMBER  
3626

H.W.C.	MAT'L. SPEC. & END ATTACH.	10-22-85	DATE
H.W.C.	POST SP. PARAPET & SLEEVE	8-29-74	DATE
J.T.K.	MAT'L. SPEC. & INSIDE ELEV.	4-21-67	DATE
J.T.K.	WASHER THICKNESS - FIN.	11-19-65	DATE
J.T.K.	MAT'L. SPEC. & CLAMP BAR	7-21-65	DATE
BY	REVISION		

DESIGNED J.T.K. (SUBMITTED)  
DRAWN B.M. (APPROVED)  
TRACED B.W.  
CHECKED J.T.K.

BRIDGE ENGINEER  
STATE HIGHWAY ENGINEER