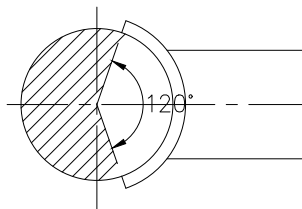
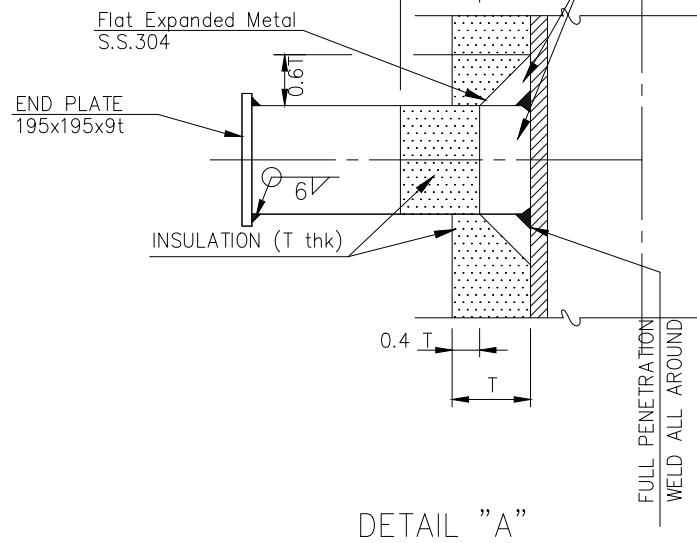
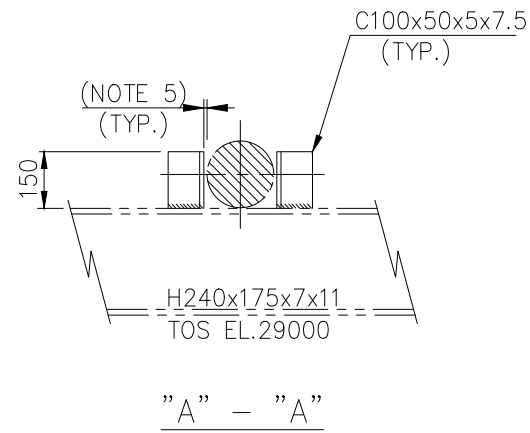


LOOKING EAST



REINFORCING PAD

NO.	DESCRIPTION	Q'TY	REMARK
1	TRUNNION PIPE 6"	1 M	NOTE 3
2	R-PAD PIPE 10"	0.4 M	NOTE 3



NOTES

- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
- MATERIAL(ASTM)

DESIGNATION	SHEAR LUG MAT'L
1	A36
2	A285 GR.C
3	A240-304
4	A240-304
5	A387 GR.11 CL.1

- THE MATERIAL OF TRUNNION PIPES AND PAD SHALL BE COMPATIBLE MAIN PIPE.

MAIN PIPE	PAD
LOW ALLOY (1.1/4 Cr ~ 9 Cr)	A335-P11 or The same as main pipe
S/S	A312-TP304L or The same as main pipe
C/S	A53-B or The same as main pipe
ALLOY 825	The same as main pipe

- VENT HOLE IS REQUIRED ONLY FOR TRUNNIONS WITH ENDPLATE. FOR TRUNNIONS WITH A ENDPLATE, HOLE MUST BE LOCATED AT MIN. DISTANCE FROM WELD POINT OF MAIN PIPE. IN ADDITION, WHERE PLATE IS REQUIRED FOR DUMMY, VENT HOLE MUST BE AT THE BOTTOM OF THE DUMMY TO ALLOW DRAINAGE.
- THE GUIDE SHALL BE FABRICATED WITH MAX. 3mm CLEARANCE AND NOT 0mm CLEARANCE TO PREVENT UNEXPECTED STICKING. UNLESS OTHERWISE NOTED.
- WELDING OF ATTACHMENT SHOULD BE DONE WITHOUT DAMAGING HEADER PIPE.
- TRUNNION PIPE AND PAD THICKNESS SHALL BE AS FOLLOWS.

MAIN PIPE	TRUNNION
BELOW STD	THE SAME AS MAIN PIPE
STD & OVER	STD

- PERFORMANCE DWG. : L-H20A
- ON LINE DESIGN TEMPERATURE OVER 450°C A "HOT BOX" SHALL BE PROVIDED TO TRUNNION SUPPORT.

MFC PROJECT

GS Caltex Corporation
YEOSU, KOREA

GS Engineering & Construction

TITLE: SPECIAL PIPE SUPPORT
(712-SPS-4571)

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