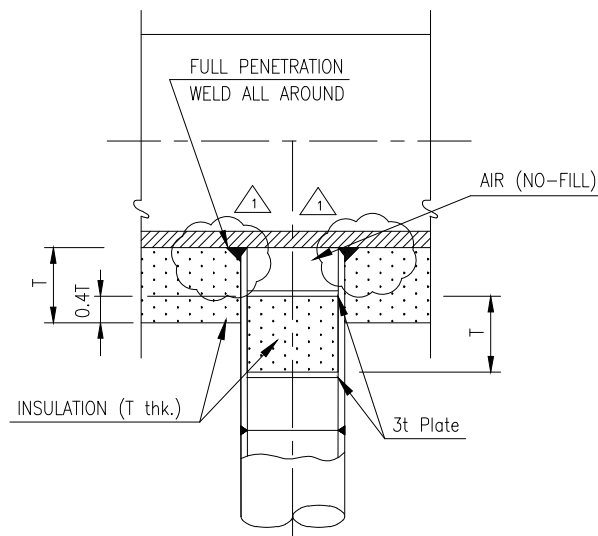


ELEVATION  
(LOOKING NORTH)



DETAIL "A"

| Trunnion Material | Plate Material | Plate Thickness | Plate Tack Welding Point |
|-------------------|----------------|-----------------|--------------------------|
| CS                | CS             | 3t              | 1 1/2" ~ 6"              |
| AS                |                |                 | 8" ~ Over                |
| SS                | SS             |                 |                          |

## NOTES

- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
- MATERIAL(ASTM)
  - TRUNNION PIPE/REINFORCING PAD : COMPATIBLE WITH MAIN PIPE.
  - END PLATE : A36
- VENT HOLE IS REQUIRED ONLY FOR TRUNNION WITH ENDPLATE. THE VENT HOLE MUST BE LOCATED AT MIN. DISTANCE FROM THE BOTTOM OF THE PLATE.  
IN ADDITION, WHERE PLATE IS REQUIRED FOR DUMMY, VENT HOLE MUST BE AT THE BOTTOM OF THE DUMMY TO ALLOW DRAINAGE.
- WELDING OF ATTACHMENT SHOULD BE DONE WITHOUT DAMAGING HEADER PIPE.
- TRUNNION PIPE/REINFORCING PAD THICKNESS SHALL BE AS FOLLOWS.
 

| MAIN PIPE  | TRUNNION/R.PAD             |
|------------|----------------------------|
| BELOW STD  | THE SAME SCH. AS MAIN PIPE |
| STD & OVER | STD                        |
- 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-3161)

DRAWING No. 712-SPS-3161 PAGE 1 OF 1 REV. 1