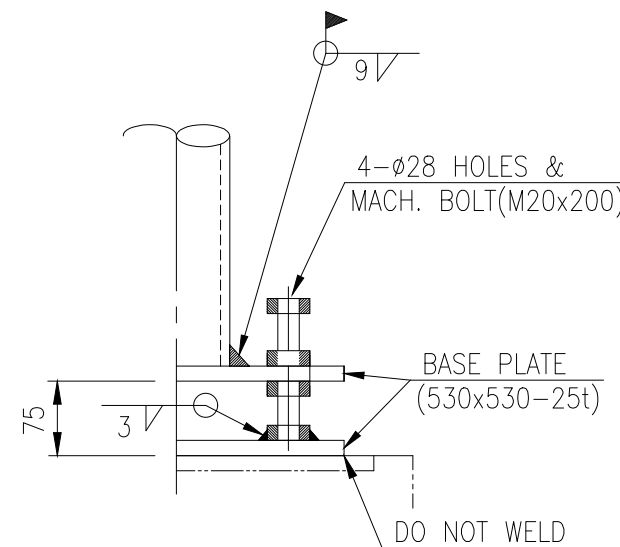
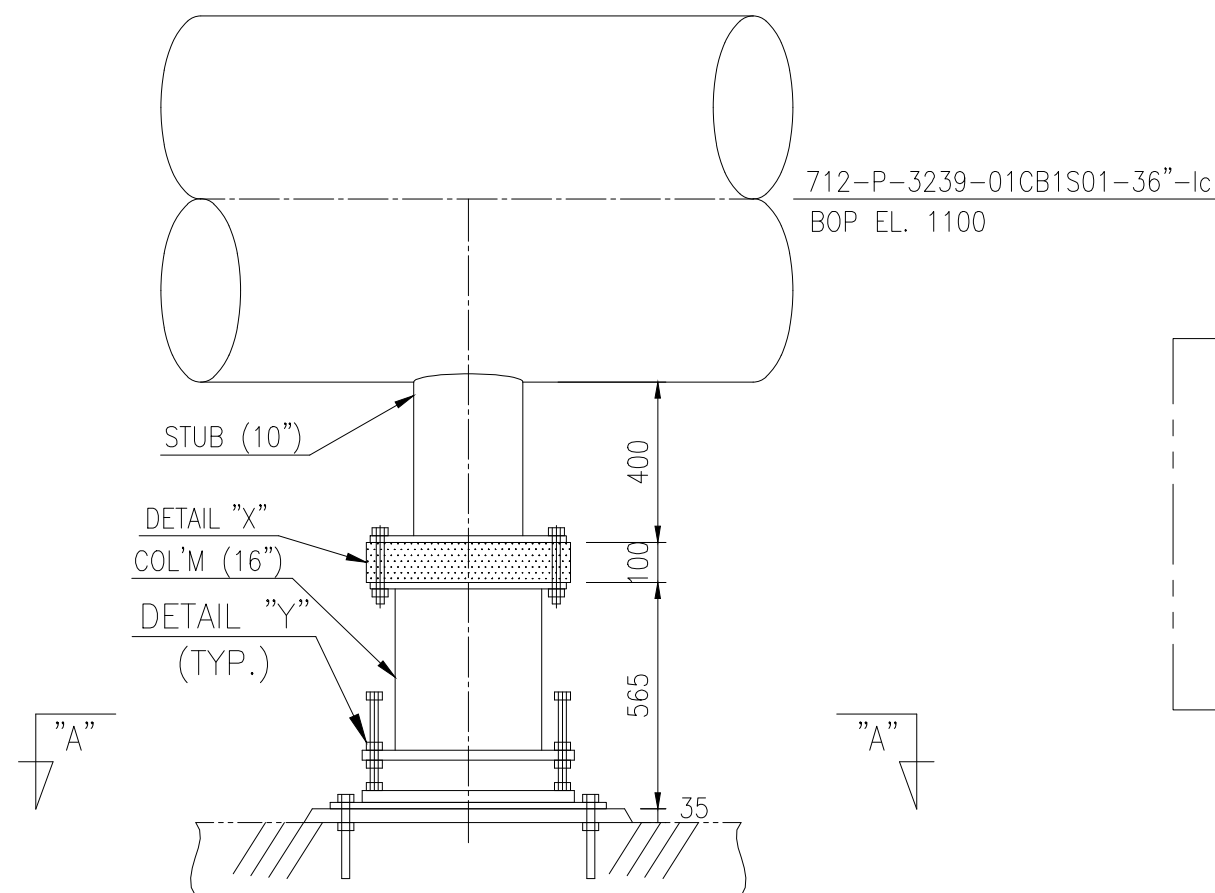


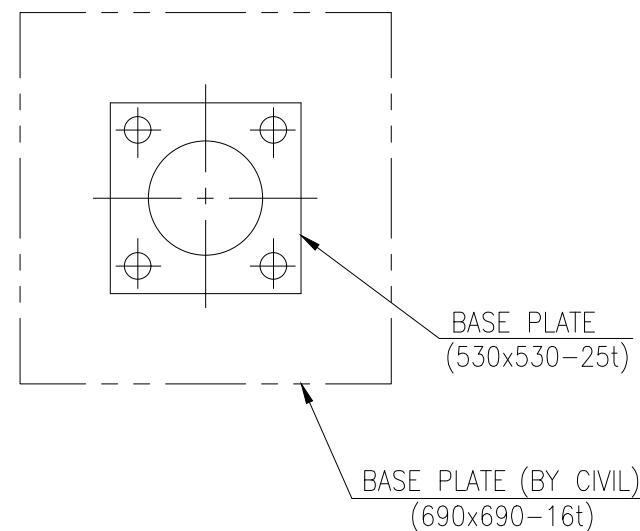
DETAIL "X"



DETAIL "Y"



ELEV. VIEW
(LOOKING NORTH)



VIEW "A"

NOTES

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
2. MATERIAL(ASTM)
STUB : COMPATIBLE WITH MAIN PIPE
COLUMN : A53 Gr.B, STD OR EQ.
PLATE : A36 or EQUIVALENT
BOLT/NUTS (UPPER) : ASTM A320 GB8 / A194 Gr8
BOLT/NUTS (LOWER) : ASTM A307 Gr.B
3. THE LENGTH OF STANCHION SHALL BE ADJUSTED BY SUPPORT FABRICATOR.
4. STUB & PAD THICKNESS SHALL BE AS FOLLOWS.

MAIN PIPE	STUB & COL'M
BELOW STD	THE SAME AS MAIN PIPE
STD & OVER	STD
5. GUIDE PLATES SHOULD BE FABRICATED ONLY IN THE DIRECTION SPECIFIED ON ISOMETRIC DRAWING AND MAX. 3mm GAP CLEARANCE TO PREVENT UNEXPECTED STICKING.

MFC PROJECT

GS Caltex Corporation
YEOSU, KOREA

GS Engineering & Construction

TITLE: SPECIAL PIPE SUPPORT
(712-SPS-3125)