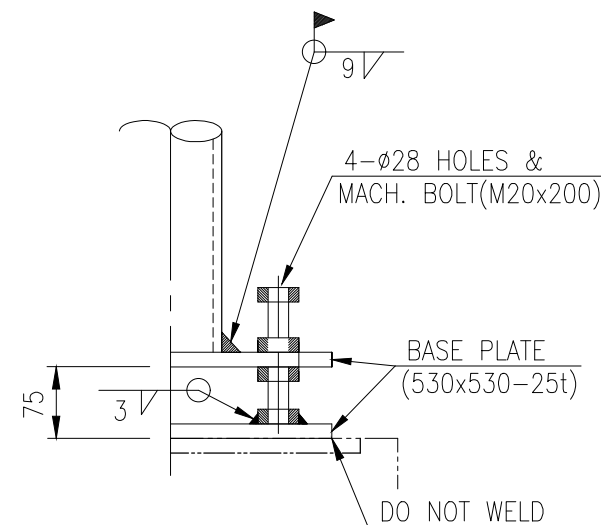
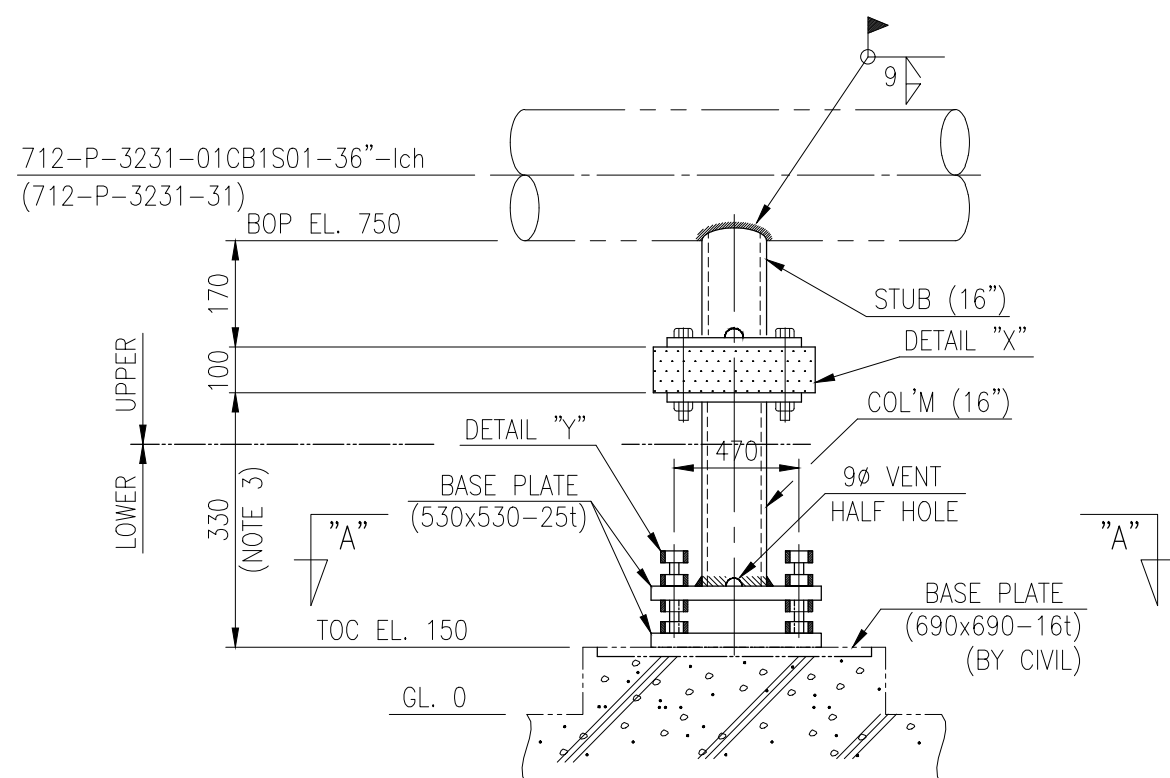


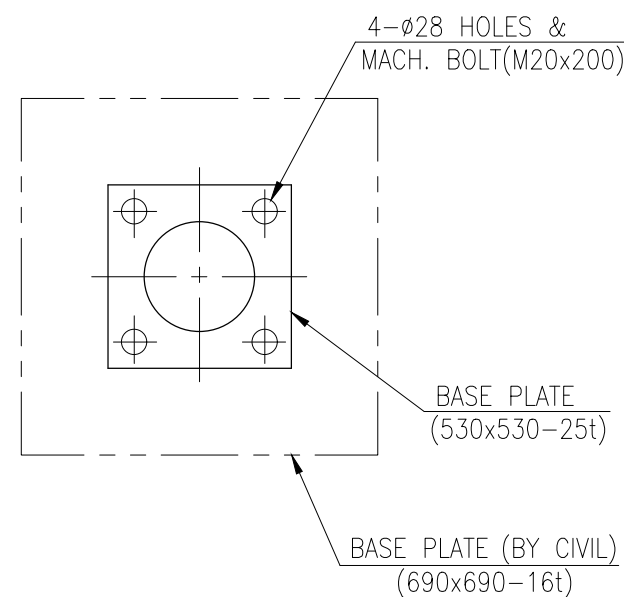
DETAIL "X"



DETAIL "Y"



ELEV. VIEW
(LOOKING NORTH)



VIEW "A"

NOTES

1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
2. MATERIAL(ASM)
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

MFC PROJECT

GS Caltex Corporation
YEOSU, KOREA

GS Engineering & Construction

TITLE: SPECIAL PIPE SUPPORT
(712-SPS-3105)

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