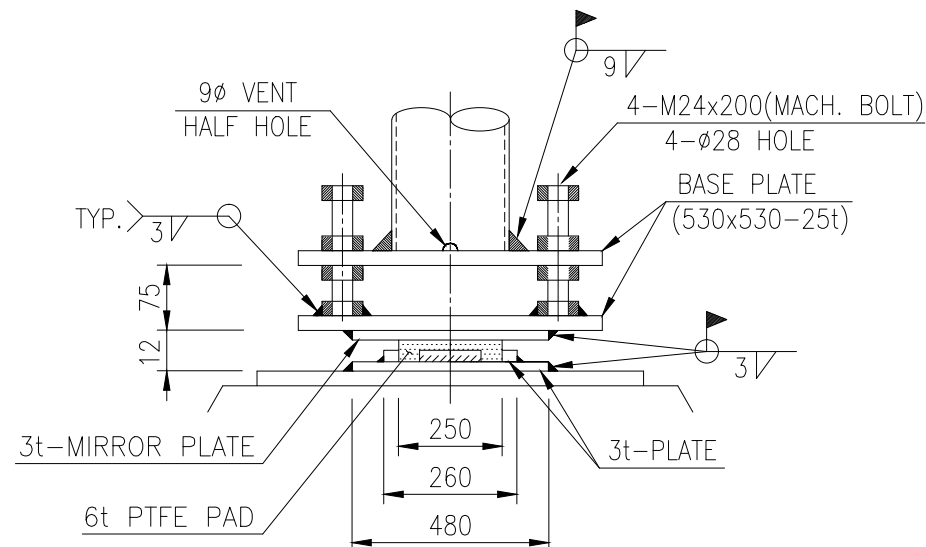
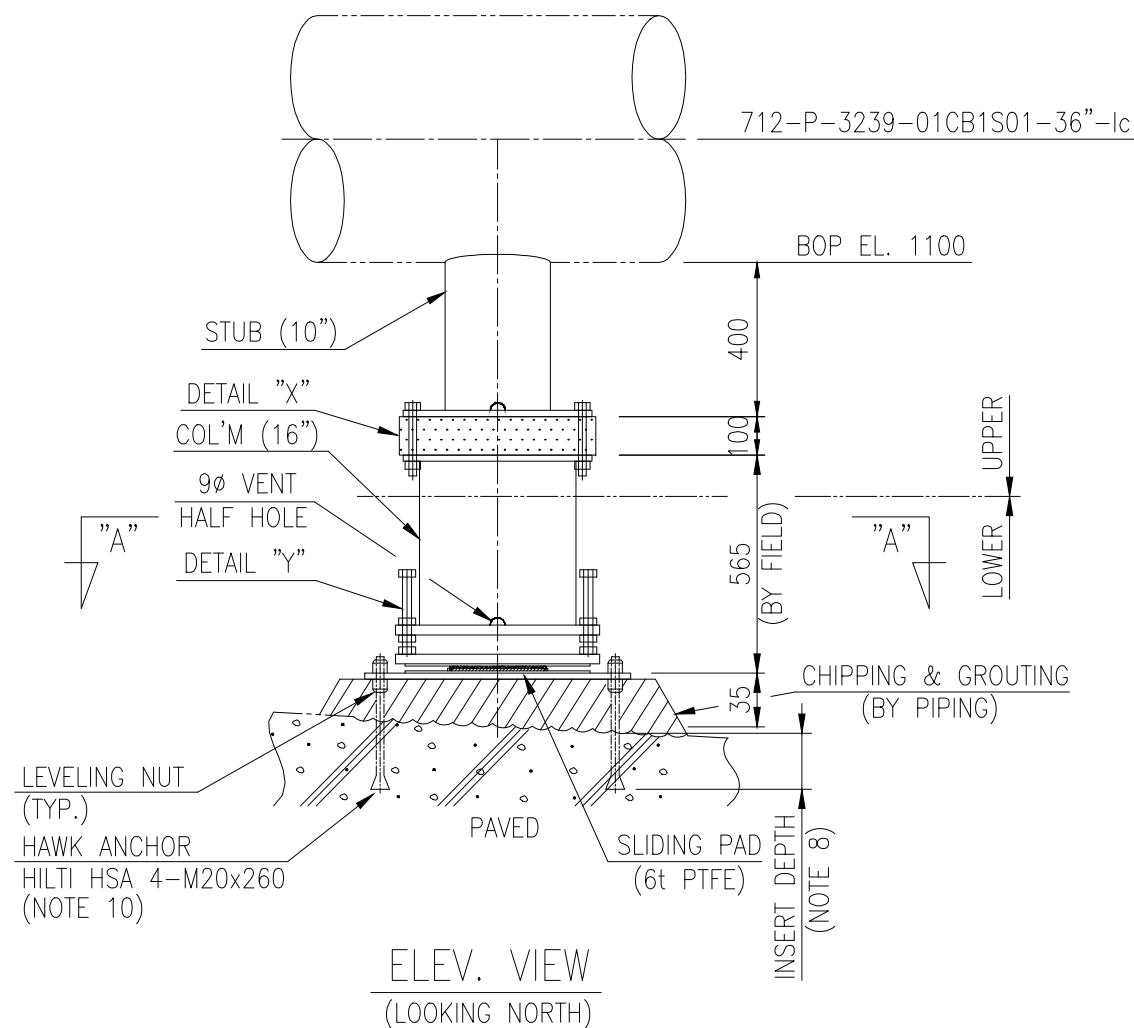


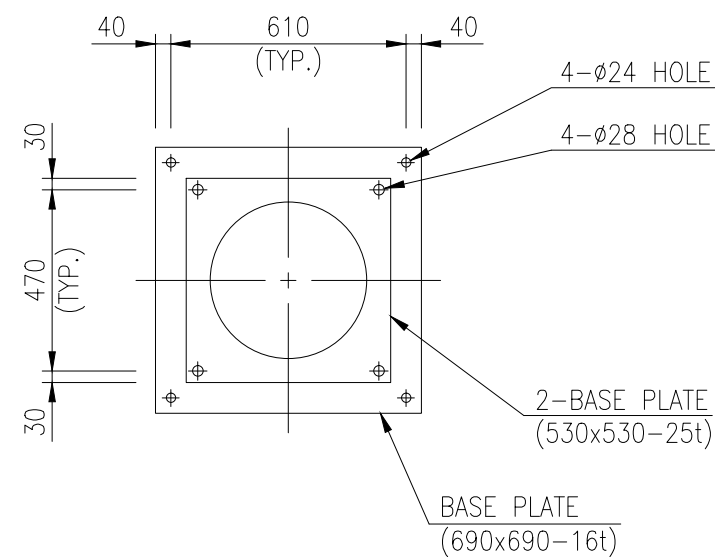
DETAIL "X"



DETAIL "Y"



ELEV. VIEW
(LOOKING NORTH)



VIEW "A"

NOTES

- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
- MATERIAL(ASTM)
STUB : COMPATIBLE WITH MAIN PIPE
COLUMN : A53 Gr.B, STD OR EQ.
PLATE : A36 or EQUIVALENT
MACH. BOLT/NUTS (UPPER):A320 GB8 / A194 Gr8
MACH. BOLT/NUTS (LOWER):A307 Gr.B
ANCHOR BOLT : SEE REFERENCE DWG. L-L24A
- STUB & PAD THICKNESS SHALL BE AS FOLLOWS

| MAIN PIPE | STUB & COL'M |
|------------|-----------------------|
| BELOW STD | THE SAME AS MAIN PIPE |
| STD & OVER | STD |
- STAINLESS STEEL MIRROR PLATE SHALL BE SUPPLIED WITH SURFACE FINISH OF "ASTM A240 NUMBER 2B"
- SLIDING PAD SHALL BE FIELD BONDED ON STEEL BOTTOM PLATE.
- PTFE/GRAPHITE ASSEMBLY SHALL BE PROTECTED AGAINST POSSIBLE DAMAGE DURING WELDING, AND STAINLESS STEEL PLATE AND PTFE/GRAPHITE SURFACE SHALL NOT BE PAINTED.
- DESIGN CALCULATION AND INSTALLATION OF THE EXPANSION ANCHORS SHALL COMPLY BY THE GUIDE-LINES AND PROCEDURES SET BY THE MANUFACTURER.
- SURFACE OF PAVE, BENEATH THE PEDESTAL SHALL BE ROUGHENED AND CLEANED BEFORE GROUTING.
- BASE PLATES SHALL BE ANCHORED TO THE CONCRETE PAVING BY HILTI HSA ANCHOR OR EQUIVALENT.
- REQUIRED HILTI HSA BOLT LENGTH SHALL BE RECONFIRMED BY MANUFACTURER.

MFC PROJECT

GS Caltex Corporation
YEOSU, KOREA

GS Engineering & Construction

TITLE: SPECIAL PIPE SUPPORT
(712-SPS-3124)

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