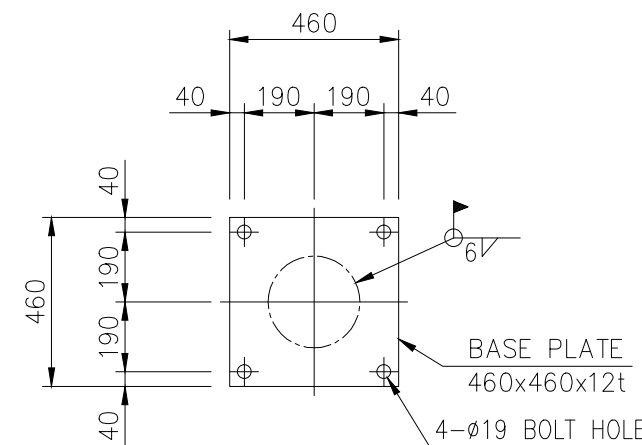


LOOKING WEST



VIEW "A"

NOTES

- ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE NOTED.
- MATERIAL (ASTM)
 - PLATE & ANGLE : A36
 - MACH. BOLT : A307-B
 - ANCHOR BOLT : SEE REFERENCE DWG.
M16 HILTI HSA OR EQUIVALENT
- TENSILE CAPACITY : 28 kN
- SHEAR CAPACITY : 40.8 kN
 - CONCRETE :
COMPRESSIVE STRENGTH $f'_c = 21 \text{ MPa}$
 - CEMENT BASED GROUT :
COMPRESSIVE STRENGTH = 35 MPa
 - PAVING THICKNESS CONSIDERED : 150MM
 - MISC.FOUNDATION : AS PER CIVIL TEAM
 - SOIL BEARING CAPACITY : 120 kN/m
- GUIDE PLATES SHOULD BE FABRICATED ONLY IN THE DIRECTION SPECIFIED ON ISOMETRIC DRAWING AND MAX. 3mm CLEARANCE TO PREVENT UNEXPECTED STICKING.
- REFERENCE DWG
BOLT : L - L24A
- DO NOT USE ANCHOR TYPE (A)
IF NEED TO USE THIS TYPE,
CONSULT WITH STRESS ENGINEER.
- DESIGN CALCULATION AND INSTALLATION OF THE EXPANSION ANCHORS SHALL COMPLY BY THE GUIDELINES AND PROCEDURES SET BY THE MANUFACTURER.
- SURFACE OF PAVE, BENETH 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-4536)

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