

LOOKING WEST

NOTES

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

MFC PROJECT





TITLE:

SPECIAL PIPE SUPPORT (712-SPS-4535)

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