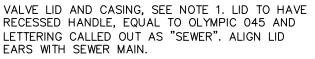




S - 321PAGE 1 OF 1



2" COMMERCIAL HMA WHEN IN ASPHALT/ CONCRETE TO SURFACE ALL OTHER LOCATIONS

> COMMERCIAL CONCRETE COLLAR SEE NOTE 2

## GENERAL ADJUSTMENT NOTES:

- 1. THE HIGHEST POINT ON THE CASING, RING, OR COVER SHALL BE NO LESS THAN FLUSH AND NO MORE THAN 1/8" BELOW ASPHALT SURFACE.
- 2. COMMERCIAL CONCRETE COLLAR MUST BE GIVEN 3 DAYS CURE TIME PRIOR TO ASPHALT CAP PLACEMENT. TIME MAY BE REDUCED WITH ENGINEER APPROVAL
- REMOVE ASPHALT AS NECESSARY IN CIRCULAR PATTERN WITH A MINIMUM OF 8 EDGES.

## **FLOOR** PIPE SUPPORT DETAIL

3" MIN.

CLEARANCE, TYP.

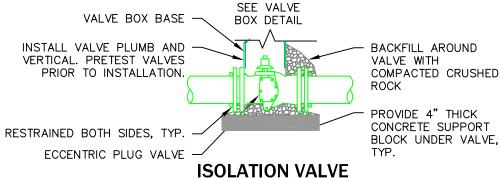
REQUIRED

STANDON

ADJUSTABLE

PIPE SUPPORT

VALVE VAULT



COMPACTED CRUSHED BLOCK UNDER VALVE.

SADDLE SUPPORT

2" Ø GALVANIZED STEEL PIPE

(2) 5/8" Ø SS DRILL AND

**EPOXY ANCHOR SYSTEM** 

EMBED 4" MINIMUM

EQUAL TO HILTI "HIT C100"

WITH SS NUT AND WASHER.

MIN. BELOW CASTING RING 2 PIECE CAST IRON VALVE BOX, EQUAL TO OLYMPIC VB940 SEATTLE STYLE. INSTALL STRAIGHT TO PREVENT BINDING OF OPERATOR.

COMMERCIAL CONCRETE

COLLAR MUST EXTEND 4"

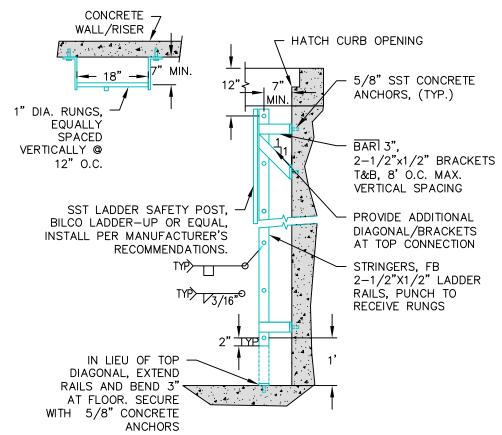
1.0'

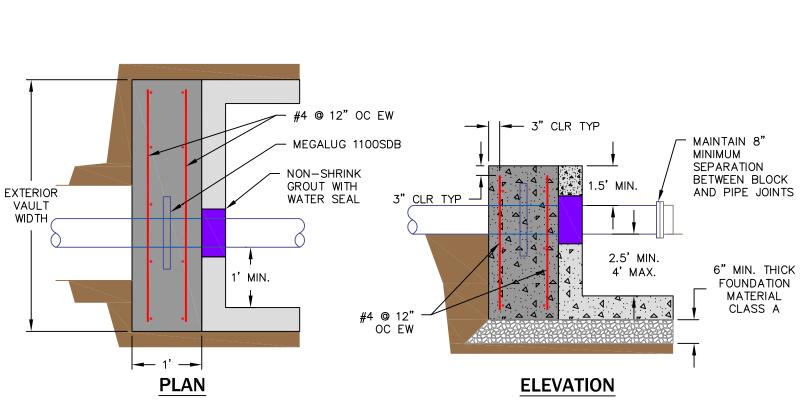
MIN.

ROADWAY UTILITY ADJUSTMENT

1. LADDERS SHALL BE ALUMINUM.

LADDER MUST MEET CONSTRUCTION REQUIREMENTS OF ANSI A14.3





PIPE RESTRAINT

LADDER DETAIL FOR ELECTROMAGNETIC METER