ANCHOR INSTALLATION

1/2" x 6-1/2" SS ANCHOR ROD. INSTALL SS ANCHOR ROD AND ADHESIVE CARTRIDGE PER MANUFACTURER’S SPECIFICATIONS

CUT ANCHOR ROD TO ALLOW THREE (3) THREADS TO PROTRUDE FROM ANCHOR NUT AS REQUIRED

SHIM WITH SS WASHERS AS REQUIRED

CUT ANCHOR ROD TO ALLOW THREE (3) THREADS TO PROTRUDE FROM ANCHOR NUT AS REQUIRED

LADDER IN VAULT

FLAT BAR BRACKET, DRILL 7/8"Ø X 1-1/4" LONG HOLES (TYP). SEE TABLE BELOW FOR FLAT BAR SIZE SPACING.

1/2" x 6-1/2" SS ANCHOR ROD. INSTALL SS ANCHOR ROD AND ADHESIVE CARTRIDGE PER MANUFACTURER’S SPECIFICATIONS

SHIM WITH SS WASHERS AS REQUIRED

CUT ANCHOR ROD TO ALLOW THREE (3) THREADS TO PROTRUDE FROM ANCHOR NUT AS REQUIRED

LADDER IN MANHOLE

1'-4" LADDER RUNG

7" LADDER RUNG TO C.L. INTERIOR WALL OF MHOLE

SAFETY POST

SS ANCHOR ROD. SEE ANCHOR INSTALLATION

BRACKET SPACING TABLE

<table>
<thead>
<tr>
<th>BRACKET SPACING</th>
<th>FLAT BAR SIZE</th>
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</thead>
<tbody>
<tr>
<td>5'-0&quot; TO 20'-0&quot; OC MAX</td>
<td>3&quot; x 3/8&quot;</td>
</tr>
<tr>
<td>OVER 20'-0&quot;</td>
<td>4&quot; x 1/2&quot;</td>
</tr>
</tbody>
</table>

NOTES:

1. LANDING PLATFORM REQUIRED EVERY 20'-0" OF HEIGHT OR FRACTION THEREOF FOR OPEN LADDER. FOR LADDER WITH CAGE, PLATFORM SPACING IS 30'-0" MAX (OSHA 1910.27).

2. APPROVAL OF THE ENGINEER REQUIRED FOR ANY BRACKET SPACING OVER 5'-0" OC (SEE BRACKET SPACING TABLE FOR BAR SIZE).

3. LADDER SHALL BE MADE OF REINFORCED FIBERGLASS.

REVISION DATE: 3/18/2011