**STORM WATER MANHOLE**

**4’, 5’, OR 6’ SQUARE**

---

**PLAN**

N.T.S.

**TABLE OF DIMENSIONS**

N.T.S.

<table>
<thead>
<tr>
<th>M.H. SIZE(W)</th>
<th>V</th>
<th>T</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>4’</td>
<td>5’-4”</td>
<td>8”</td>
<td>6”</td>
<td>9”</td>
<td>6”</td>
<td>1’-3”</td>
</tr>
<tr>
<td>5’</td>
<td>6’-4”</td>
<td>8”</td>
<td>6”</td>
<td>12”</td>
<td>8”</td>
<td>1’-8”</td>
</tr>
<tr>
<td>6’</td>
<td>7’-6”</td>
<td>9”</td>
<td>9”</td>
<td>16”</td>
<td>10”</td>
<td>2’-2”</td>
</tr>
</tbody>
</table>

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**SECTION B-B**

N.T.S.

- **#4 BARS AT 6” C-C (4’ M.H.)** OR **#5 BARS AT 8” C-C (5’ & 6’ M.H.)**
- **IN LIEU OF KEYWAY**
- **#4 BARS AT 8” C-C (4’ & 5’ M.H.)** OR **#5 BARS AT 8” C-C (6’ M.H.)**

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**STANDARD M.H. FRAME AND COVER AS SPECIFIED BY OWNER**

- **NON SHRINK GROUT 1:2**

**USE PRECAST CONCRETE GRADE RINGS AS REQUIRED TO RAISE TO GRADE**

- **#4 BARS AT 18” (IF WALL HEIGHT IS OVER 4’ (4’ & 5’ M.H.), OR 6’ (6’ M.H.))**

**ERTICAL BARS **

**#4 BARS AT 18” (IF WALL HEIGHT IS OVER 4’ (4’ & 5’ M.H.), OR 6’ (6’ M.H.))**

**USE STEEL REBAR SPACERS**

**SLOPE 3/8” TO DRAIN**

**TOP OF PIPE**

**#4 BARS AT 18” (4” M.H.) OR 9” (6” M.H.)**

**HORIZONTAL BARS**

**+ BARS AT 18”**

**INSIDE FACE 1/8” OVER M.H.**

**STANDARD M.C. REFERENCE**

502.1

**DATE**

OCT. ’04

**STANDARD SPECIFICATION REFERENCE**

502.1

**S22**
#4 BARS AT 6" C-C (4' M.H.), OR #5 BARS AT 8" C-C (5' & 6' M.H.) EACH WAY HOOKED EACH END

#4 BARS AT 18" INSIDE FACE

#4 BARS AT 18" OUTSIDE FACE

#4 BARS AT 15" (4' M.H.) OR 9" (5' & 6' M.H.) INSIDE FACE.

#4 DOWELS AT 18" ALL AROUND EXCEPT IN WAY OF PIPE

#4 BARS AT 6" C-C (4' M.H.), OR #5 BARS AT 8" C-C (5' & 6' M.H.) EACH WAY

SECTION A-A

NOTES:

1. SLOPE INVERT OF MANHOLE AS INDICATED ON PLAN–PROFILE SHEET.

2. LAYERS OF REINFORCING STEEL NEAREST THE INTERIOR AND EXTERIOR SURFACE SHALL HAVE A COVER OF 2" TO THE CENTER OF BARS, UNLESS OTHERWISE NOTED.

3. CONCRETE SHALL BE CLASS "A".

CORNER DETAIL PLAN VIEW

N.T.S.

STORM WATER MANHOLE

4', 5', OR 6' SQUARE

STANDARD SPECIFICATION REFERENCE

502.1

OCT. '04

S22