### Cap for a Curb Inlet

**6'-4" Square Cap**

- **Top Mat of Reinforcing Steel**:
  - Bars A
  - Bars B
  - Bars C
  - Bars D
- **Bottom Mat of Reinforcing Steel**:
  - Bars E
  - Bars F
- **Outer Wall of Inlet to be Capped**
- **Inlet Cap**:
  - Lifting Bracket

**9'-2" Square Cap**

- **Top Mat of Reinforcing Steel**:
  - Bars A
  - Bars B
  - Bars C
- **Bottom Mat of Reinforcing Steel**:
  - Bars D
  - Bars E
- **Reinforced Concrete Cap**:
- **Lifting Bracket**:

### Reinforcing Steel

#### 6'-4" Cap

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>A</td>
<td>10</td>
<td>4</td>
<td>8</td>
<td>60</td>
</tr>
<tr>
<td>B</td>
<td>5</td>
<td>6</td>
<td>6</td>
<td>20</td>
</tr>
<tr>
<td>C</td>
<td>12</td>
<td>6</td>
<td>6</td>
<td>108</td>
</tr>
<tr>
<td>D</td>
<td>8</td>
<td>4</td>
<td>6</td>
<td>32</td>
</tr>
</tbody>
</table>

Reinforcing Steel = 200 Lbs. M

CL "A" Concrete = 2.05 C.Y.

**NOTES:**

1. Removal of the top portion of the inlet and/or manhole where required plus furnishing and installing the concrete cap shall be paid for under Item 499 "Adjusting Manholes and Inlets".

2. All concrete shall be class "A" and shall meet the requirements of Item 420 & 421.

3. All reinforcing steel shall be Grade 60 and shall meet the requirements of Item 440.

4. The break-back line shall be cut smooth to ensure uniform bearing of the cap on the inlet/valve wall.

### Placement of Lifting Brackets

- **Curb Inlet Cap**: 2 centered 4'7" / 2" from each end
- **6'-4" Cap**: 2 centered 2'1" / 2" from each end
- **9'-2" Cap**: 4 placed 3'1" / 2" in from each end

**San Antonio District Standard**

CAPPING INLETS & MANHOLES

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