Valve Box Sectional Detail

**Valve Box Details**

- **Valve Box Cap Per CWD-515**
- **8" Split-Sleeve Liner and Gate Box Pipe Per CWD-515**
- **2" Square Operating Nut**
- **Spered-Wheel**
  - 7" OD x 1/4" Plate Welded to Shaft Extension
- **Center and Plumb Over Operating Nut**
- **Shallow Extension Required Where Top of Valve Is Greater Than 3.5' Below the Finish Ground Surface**
  - (1 1/4" Dia Std Black Pipe Painted with Primer After Fabrication)
- **Valve Size, Station, and Location As Shown on Plan and Profile Sheets**
- **Indicate Distance and Valve Use**

### Use Symbol Table

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<th>Use</th>
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<tbody>
<tr>
<td>Main</td>
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<tr>
<td>Hydrant</td>
<td>FH</td>
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<td>Fire Serv</td>
<td>FS</td>
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<tr>
<td>Air Valve</td>
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<td>Blow-Off</td>
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</table>

**Valve Location Ties Detail**

(by City Forces)

- **L = "Swing Tie" Radial Length in FT**
- **Top of Curb**

**Note:**

1. **For 2" Gate Valve and Piping (and for all copper piping), the gate box material shall be notched and blocked to clear same.**
2. **Gate Valves are to be installed in the vertical position unless they are designed to operate in other positions.**