1. **NO HYDRANT SHALL BE LOCATED WITHIN 8' OF ANY DRIVEWAY, POWER POLE, LIGHT STANDARD, OR ANY OTHER OBSTRUCTION.**

2. **IF HYDRANT IS TO BE INSTALLED IN AN EXISTING SIDEWALK, A FULL PANEL OF THE SIDEWALK SHALL BE REMOVED AND REPLACED AFTER INSTALLATION OF THE HYDRANT.**

3. **WHEN RAW AND FIELD CONDITIONS PERMIT, THE FIRE HYDRANT SHALL BE PLACED BEHIND THE SIDEWALK.**

---

**NOTES:**

**WEAKENED PLANE JOINT SEE STANDARD DRAWING NO. 238**

**1/2" PREMOLDED EXPANSION JOINT (WHEN USED WITH SIDEWALK)**

**VARIES**

**WEAKENED PLANE JOINT SEE STANDARD DRAWING NO. 238**

**1/2" PREMOLDED EXPANSION JOINT (WHEN USED WITH SIDEWALK)**

**FOR FIRE HYDRANT SEE FIRE DEPT. SPECIFICATIONS**

**3" MIN. & 7" MAX. 2" MIN.**

**MACHINE 3/16"-1/4" "V" GROOVE (BREAK RING)**

**6 PIPE**

**WEAKENED PLANE JOINT SEE STANDARD DRAWING NO. 238**

**4" BAR ALL AROUND**

**CONCRETE THRUST BLOCK 8 CU. FT. MIN.**

**UNDISTURBED EARTH**

**ELEVATION**

---

**SPECIFICATION REFERENCE**

<table>
<thead>
<tr>
<th>501</th>
<th>CONCRETE</th>
</tr>
</thead>
<tbody>
<tr>
<td>629</td>
<td>WATER DISTRIBUTION FACILITIES</td>
</tr>
<tr>
<td>704</td>
<td>BASE AGGREGATES</td>
</tr>
<tr>
<td>707</td>
<td>JOINT MATERIAL</td>
</tr>
</tbody>
</table>

**UNIFORM STANDARD DRAWINGS**

**CLARK COUNTY AREA**

**FIRE HYDRANT INSTALLATION**

**DATE:** 5-20-10

**DWG. NO.: 516**