### REINFORCED CONCRETE BOX

<table>
<thead>
<tr>
<th>PULL BOX No.</th>
<th>MIN.** THICKNESS</th>
<th>MIN DEPTH BOX AND EXTENSION</th>
<th>LO</th>
<th>WO</th>
<th>MIN.** THICKNESS</th>
<th>MIN DEPTH BOX AND EXTENSION</th>
<th>L***</th>
<th>W***</th>
<th>R</th>
<th>EDGE THICKNESS</th>
<th>EDGE TAPER</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-1/2</td>
<td>1&quot;</td>
<td>NO EXTENSION</td>
<td>20&quot;</td>
<td>14&quot;</td>
<td>5/16&quot;</td>
<td>NO EXTENSION</td>
<td>15-3/8&quot;</td>
<td>10-1/8&quot;</td>
<td>1-1/8&quot;</td>
<td>1-3/4&quot;</td>
<td>1/8&quot;</td>
</tr>
<tr>
<td>5</td>
<td>1&quot;</td>
<td>22&quot;</td>
<td>28&quot;</td>
<td>18&quot;</td>
<td>5/16&quot;</td>
<td>20&quot;</td>
<td>23-1/4&quot;</td>
<td>13-3/4&quot;</td>
<td>1-1/4&quot;</td>
<td>2&quot;</td>
<td>1/8&quot;</td>
</tr>
<tr>
<td>5A</td>
<td>1&quot;</td>
<td>22&quot;</td>
<td>25-1/4&quot;</td>
<td>15-3/4&quot;</td>
<td>5/16&quot;</td>
<td>20&quot;</td>
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<td>1/8&quot;</td>
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<tr>
<td>6</td>
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<td>24&quot;</td>
<td>36&quot;</td>
<td>23&quot;</td>
<td>3/8&quot;</td>
<td>20&quot;</td>
<td>30-5/8&quot;</td>
<td>17-5/8&quot;</td>
<td>1-1/4&quot;</td>
<td>2&quot;</td>
<td>1/8&quot;</td>
</tr>
</tbody>
</table>

** EXCLUDING CONDUIT WEB  *** TOP DIMENSION

### NOTES:

1. IN UNIMPROVED AREAS, THE TOP OF PULL BOXES SHALL BE PLACED 0.10 F.T. ABOVE THE SURROUNDING GRADE OR, WHEN ADJACENT TO A CURB, FLUSH WITH THE TOP OF THE CURB. THE SURROUNDING GRADE SHALL BE RAMPED UP TO MATCH THE TOP OF THE CONCRETE COLLAR. UNLESS OTHERWISE NOTED, PULL BOXES SHOWN IN THE VICINITY OF SIDEWALK SHALL BE PLACED ADJACENT TO THE BACK OF SIDEWALK, AND PULL BOXES SHOWN ADJACENT TO POLES SHALL BE PLACED ON THE SIDE OF THE FOUNDATION FACING AWAY FROM TRAFFIC.

2. PLACEMENT OF PULL BOXES IN AREAS SUBJECT TO VEHICULAR TRAFFIC LOADS (INCLUDES TRAFFIC LANES, BIKE LANES, SHOULDERS, AND DRIVEWAYS) SHALL BE AVOIDED WHENEVER POSSIBLE. IF UNAVOIDABLE, THEN A TRAFFIC RATED PULL BOX WITH STEEL TRAFFIC COVER SHALL BE USED. SEE STANDARD DRAWING SL-5.

3. PULL BOXES SHALL NOT BE PLACED WITHIN THE BOUNDARIES OF SIDEWALKS AND SIDEWALK RAMPS.

4. PULL BOX COVERS SHALL BE MARKED AS FOLLOWS:
   - A) "TRAFFIC SIGNAL" TRAFFIC SIGNAL, CIRCUITS WITH OR WITHOUT STREET LIGHTING CIRCUITS.
   - B) "STREET LIGHTING" STREET LIGHTING CIRCUITS WHERE NO VOLTAGE IS ABOVE 60V.
   - C) "STREET LIGHTING-HIGH VOLTAGE" STREET LIGHTING CIRCUITS WHERE VOLTAGE IS ABOVE 60V.
   - D) "SERVICE" SERVICE CIRCUITS BETWEEN SERVICE POINT AND SERVICE DISCONNECT.
   - E) "SPRINKLER CONTROL" SPRINKLER CONTROL CIRCUITS, 50 VOLTS OR LESS.
   - F) "IRRIGATION" IRRIGATION CIRCUIT FOR IRRIGATION CONTROLLER, 120 VOLTS OR MORE.
   - G) "RAMP METER" RAMP METER CIRCUITS.
   - H) "COUNT STATION" COUNT AND/OR SPEED MONITOR CIRCUITS.
   - I) "TELEPHONE" TELEPHONE SERVICE.
   - J) "TOS COMMUNICATIONS" TOS COMMUNICATIONS TRUNK LINE.
   - K) "TOS POWER" TOS POWER.
   - L) "TDC" TELEPHONE DEMARCATION CABINET POWER.
   - M) "SIGNAL INTERCONNECT" TRAFFIC SIGNAL INTERCONNECT CIRCUIT.

5. COVERS SHALL FIT FLUSH WITH THE TOP OF PULL BOXES. THERE SHALL BE 1/8 MAXIMUM CLEARANCE ALL AROUND BETWEEN COVERS AND PULL BOX OPENINGS.

6. ALL COVERS AND BOXES SHALL BE INTERCHANGEABLE WITH CALIFORNIA STANDARD MALE AND FEMALE GAUGES. WHEN INTERCHANGED WITH STANDARD MALE OR FEMALE GAUGE, THE TOP SURFACES SHALL BE FLUSH WITHIN 1/8 INCH.

7. THE TOP EDGE OF ALL CONCRETE COVER AND PULL BOXES SHALL HAVE A 1/4" MINIMUM RADIUS.

8. STACKING OF PULL BOXES IS PERMITTED (TWO PULL BOXES MINIMUM).

9. STEEL REINFORCING SHALL BE REGULARLY USED IN THE STANDARD PRODUCTS OF THE RESPECTIVE MANUFACTURER.

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**CITY OF ELK GROVE - PUBLIC WORKS**

**DATE:** 01/17/2007

**REVISION BY:**

**NOT TO SCALE**

**STANDARD PULL BOX**

**APPROVED BY:**

**CITY ENGINEER**

**DRAWING NUMBER:** SL-4