CITY OF SANTA CLARITA
BUILDING & SAFETY DIVISION
23920 Valencia Boulevard, Suite 140
Santa Clarita, CA 91355  (661) 255-4935

Suspended Acoustical Tile Ceilings
Building Code Requirements

VERTICAL WIRE CONNECTION EXAMPLES

- Vertical hanger connections must sustain a minimum load of 50 lbs.
- Use approved metal framing or metal hanger to support the ceiling tiles.

BRACING WIRE CONNECTION EXAMPLES

- Bracing wire connections must make a minimum turn of 200 degrees.
- Use approved metal framing or concrete-filled metal deck.

COMPRESSION STRUT SCHEDULE

<table>
<thead>
<tr>
<th>LENGTH</th>
<th>END OPTION</th>
<th>METAL STRUT OPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Up to 6'</td>
<td>5/8&quot;</td>
<td>2050-T50-33 (20 GA)</td>
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<tr>
<td>Up to 6'</td>
<td>3/4&quot;</td>
<td>2050-T50-33 (20 GA)</td>
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<tr>
<td>Up to 7'</td>
<td>7/8&quot;</td>
<td>6009-T37-33 (20 GA)</td>
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<tr>
<td>Up to 10'</td>
<td>1-1/2&quot;</td>
<td>4000-T220-33 (20 GA)</td>
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</tbody>
</table>

*Distance between ceiling and structure above

MIN. 12 GA. HANGER WIRE @ MAX. 48 O.C. ALONG MAIN RUNNERS. 3 TIGHT TURNS IN 3' EA. END

SUPPLEMENTARY WIRE CONNECTED TO FIXTURE MOUNTING
- Less than 10 ft. wire: 12 ga. 10 ft. max. or 2 wires
- Metal hanger support to the structure

PROVIDE SUPPLEMENTARY WIRE FOR FIXTURE MOUNTING AS FOLLOWS. "LIGHT FIXTURES SHALL BE POSITIVELY ATTACHED TO THE GRID BY AT LEAST TWO CONNECTORS, EACH CAPABLE OF SUPPORTING THE WEIGHT OF THE FIXTURE."