### Bill of Material for One Box Beam Section

<table>
<thead>
<tr>
<th>No.</th>
<th>STR</th>
<th>TYPE</th>
<th>WEIGHT</th>
<th>WEIGHT</th>
<th>LENGTH</th>
<th>INTERIOR UNIT</th>
<th>EXTERIOR UNIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>#5</td>
<td>S1</td>
<td>6'</td>
<td>6'</td>
<td>6'-8&quot;</td>
<td>6'-8&quot;</td>
<td>6'-8&quot;</td>
</tr>
<tr>
<td>2</td>
<td>#4</td>
<td>S2</td>
<td>4</td>
<td>4</td>
<td>4'-10&quot;</td>
<td>4'-10&quot;</td>
<td>4'-10&quot;</td>
</tr>
<tr>
<td>3</td>
<td>#5</td>
<td>S3</td>
<td>3</td>
<td>3</td>
<td>7'-6&quot;</td>
<td>7'-6&quot;</td>
<td>7'-6&quot;</td>
</tr>
<tr>
<td>4</td>
<td>#4</td>
<td>S4</td>
<td>5</td>
<td>5</td>
<td>5'-8&quot;</td>
<td>5'-8&quot;</td>
<td>5'-8&quot;</td>
</tr>
<tr>
<td>5</td>
<td>#5</td>
<td>S5</td>
<td>2</td>
<td>2</td>
<td>5'-10&quot;</td>
<td>5'-10&quot;</td>
<td>5'-10&quot;</td>
</tr>
</tbody>
</table>

**Reinforcing Steel**

- Grade 270 Strands: 0.217
- Ultimate Strength: 58,600
- Applied Prestress: 43,950

**Notes:**

- Shear Key Detail: Omit shear key on outside face of exterior box beams.
- Threaded Insert Detail: Permitted threaded insert cost to be borne by contractor.
- Chamfer Detail: 3" x 3" chamfer (typ).
- Details: "B" and "C" bases not shown.

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**END ELEVATION**

- Shear Key Detail: Omit shear key on outside face of exterior box beams.
- End View: Showing 3" bars in end of beam.

**INTERIOR BOX BEAM SECTION**

- Strand Layout Not Shown.

**EXTERIOR BOX BEAM SECTION**

- Strand Layout Not Shown.

**Typical Strand Location**

- 0.6" O.L. Low Relaxation Strand Layout

**Debarring Legend**

- Fully bonded strands.

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**Threading Insert Detail**

- Size to be determined by contractor.

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**Threaded Insert Detail**

- Size to be determined by contractor.

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**Chamfer Detail**

- 3" x 3" chamfer (typ).