### STANDARD SINGLE ARM CANTILEVER STRUCTURES

<table>
<thead>
<tr>
<th>STRUCTURE TYPE</th>
<th>MAX. ARM LENGTH</th>
<th>SIGN PANEL</th>
<th>MAX. AREA</th>
<th>ARM INPS</th>
<th>BOX CONNECTION</th>
<th>POST INPS</th>
<th>POST WEIGHT</th>
<th>BASE PLATE</th>
<th>RECT. FOOTING TYPE</th>
<th>WEIGHT PER FEET</th>
<th>SHAFT LENGTH</th>
<th>SHIFT CONCRETE QUANTITY (%)</th>
<th>SHEET</th>
</tr>
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<tr>
<td>CS-7</td>
<td>5'-0&quot;</td>
<td>32</td>
<td>5'-0&quot;</td>
<td>15'-0&quot;</td>
<td>18'-0&quot;</td>
<td>12'-8&quot;</td>
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### STANDARD TRUSS ARM CANTILEVER STRUCTURES

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### LEGEND

- **CS**: SIGN STRUCTURE DESIGNATION
- **BP**: BOX CONNECTION
- **BD**: BASE PLATE
- **CT**: RECT. FOOTING TYPE
- **EX**: WEIGHT PER FEET
- **D**: SHAFT LENGTH
- **R**: SHIFT CONCRETE QUANTITY

**NOTE**:
1. POST WEIGHT IS BASED ON A MINIMUM POST DIAMETER OF 10'-0", AND CONCRETE WEIGHTS ARE PULLED.
2. TRUSS ARM WEIGHT IS BASED ON A MINIMUM ARM DIAMETER OF 10'-0", AND CONCRETE WEIGHS ARE PULLED.
3. FOR RECTANGULAR FOOTING AND SHAPED DEVICES, SEE BD-OS9.
4. SHAFT LENGTHS AND CONCRETE QUANTITIES ARE FOR SHAPED DEVICES.
5. THESE TABLES ARE FOR USE WITH 5'-0" THICK ALUMINUM FLAT PANELS ONLY.