### GEOWEB® GW20V Anchor Spacing Chart (Imperial)

#### Section Length (ft) - Recommended Expansion Range within 1% Change in Nominal Area

<table>
<thead>
<tr>
<th>Section Length</th>
<th>Min</th>
<th>-7.5%</th>
<th>-5.0%</th>
<th>-2.5%</th>
<th>Mid</th>
<th>+2.5%</th>
<th>+5.0%</th>
<th>+10%</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 Cells</td>
<td>12.0</td>
<td>12.3</td>
<td>12.7</td>
<td>13.0</td>
<td>13.3</td>
<td>13.7</td>
<td>14.0</td>
<td>14.3</td>
</tr>
<tr>
<td>21 Cells</td>
<td>14.0</td>
<td>14.4</td>
<td>14.8</td>
<td>15.2</td>
<td>15.5</td>
<td>15.9</td>
<td>16.3</td>
<td>16.7</td>
</tr>
<tr>
<td>25 Cells</td>
<td>16.7</td>
<td>17.1</td>
<td>17.6</td>
<td>18.0</td>
<td>18.5</td>
<td>18.9</td>
<td>19.4</td>
<td>19.9</td>
</tr>
<tr>
<td>30 Cells</td>
<td>19.3</td>
<td>19.9</td>
<td>20.4</td>
<td>20.9</td>
<td>21.5</td>
<td>22.0</td>
<td>22.5</td>
<td>23.1</td>
</tr>
<tr>
<td>34 Cells</td>
<td>22.6</td>
<td>23.3</td>
<td>23.9</td>
<td>24.5</td>
<td>25.2</td>
<td>25.8</td>
<td>26.4</td>
<td>27.1</td>
</tr>
</tbody>
</table>

#### Expansion Range

- 10% -9 ft to 3 in
- 5% 9 ft - 2 in
- 2.5% 9 ft - 0 in

#### Table

<table>
<thead>
<tr>
<th>Section Length</th>
<th>Expansion Length</th>
<th>Full Section Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>10%</td>
<td>11 ft</td>
<td>9 ft</td>
</tr>
<tr>
<td>5%</td>
<td>10 ft</td>
<td>8 ft</td>
</tr>
<tr>
<td>2.5%</td>
<td>9 ft</td>
<td>8 ft</td>
</tr>
<tr>
<td>+2.5%</td>
<td>8 ft</td>
<td>8 ft</td>
</tr>
<tr>
<td>+5%</td>
<td>7 ft</td>
<td>8 ft</td>
</tr>
<tr>
<td>+10%</td>
<td>6 ft</td>
<td>8 ft</td>
</tr>
</tbody>
</table>

**Graphical Expansion Range**

- Standard GW20V Sections

**Anchoring Method**

- one cell spacing

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### GEOWEB® GW30V Anchor Spacing Chart (imperial)

#### Section Length (ft) - Recommended Expansion Range within 1% Change in Nominal Area

<table>
<thead>
<tr>
<th>Section Length</th>
<th>Min</th>
<th>10%</th>
<th>-7.5%</th>
<th>-5.0%</th>
<th>-2.5%</th>
<th>Max</th>
<th>+2.5%</th>
<th>+5.0%</th>
<th>+10%</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 Cells</td>
<td>15.8</td>
<td>18.4</td>
<td>16.9</td>
<td>19.5</td>
<td>20.5</td>
<td>21.0</td>
<td>21.5</td>
<td>23.2</td>
<td>24.4</td>
</tr>
<tr>
<td>21 Cells</td>
<td>17.8</td>
<td>19.5</td>
<td>19.5</td>
<td>20.5</td>
<td>21.0</td>
<td>21.5</td>
<td>22.0</td>
<td>22.6</td>
<td>23.2</td>
</tr>
<tr>
<td>25 Cells</td>
<td>21.3</td>
<td>24.7</td>
<td>23.2</td>
<td>22.6</td>
<td>22.0</td>
<td>21.5</td>
<td>21.0</td>
<td>20.5</td>
<td>20.0</td>
</tr>
<tr>
<td>29 Cells</td>
<td>23.0</td>
<td>29.0</td>
<td>26.9</td>
<td>25.5</td>
<td>24.7</td>
<td>23.7</td>
<td>22.8</td>
<td>22.2</td>
<td>21.6</td>
</tr>
<tr>
<td>34 Cells</td>
<td>29.0</td>
<td>34.0</td>
<td>31.5</td>
<td>29.9</td>
<td>28.9</td>
<td>27.6</td>
<td>26.8</td>
<td>26.2</td>
<td>25.5</td>
</tr>
</tbody>
</table>

#### Expansion

- **10%**
  - 9 ft – 2 in
  - 9 ft – 0 in
  - 8 ft – 11 in
  - 8 ft – 10 in
  - 8 ft – 9 in
  - 8 ft – 8 in
  - 8 ft – 7 in

- **-7.5%**
  - 8 ft – 10 in
  - 8 ft – 9 in
  - 8 ft – 8 in
  - 8 ft – 7 in

- **-5.0%**
  - 8 ft – 11 in
  - 8 ft – 10 in
  - 8 ft – 9 in
  - 8 ft – 8 in

- **-2.5%**
  - 8 ft – 4 in
  - 8 ft – 3 in
  - 8 ft – 2 in
  - 8 ft – 1 in

- **+10%**
  - 9 ft – 2 in
  - 9 ft – 0 in
  - 8 ft – 11 in
  - 8 ft – 10 in

#### Mid Range

- **-5.0%**
  - 8 ft – 11 in
  - 8 ft – 10 in
  - 8 ft – 9 in
  - 8 ft – 8 in

- **-2.5%**
  - 8 ft – 11 in
  - 8 ft – 10 in
  - 8 ft – 9 in
  - 8 ft – 8 in

- **-0%**
  - 8 ft – 11 in
  - 8 ft – 10 in
  - 8 ft – 9 in
  - 8 ft – 8 in

- **+2.5%**
  - 8 ft – 4 in
  - 8 ft – 3 in
  - 8 ft – 2 in
  - 8 ft – 1 in

- **+5.0%**
  - 8 ft – 11 in
  - 8 ft – 10 in
  - 8 ft – 9 in
  - 8 ft – 8 in

- **+7.5%**
  - 8 ft – 11 in
  - 8 ft – 10 in
  - 8 ft – 9 in
  - 8 ft – 8 in

- **+10%**
  - 9 ft – 2 in
  - 9 ft – 0 in
  - 8 ft – 11 in
  - 8 ft – 10 in

#### Transverse Anchor Spacing (in)

- **1 Cell**
  - 12.3 in
  - 12.0 in
  - 11.5 in
  - 11.1 in

- **2 Cell**
  - 24.6 in
  - 23.8 in
  - 23.0 in
  - 22.2 in

- **3 Cell**
  - 37.0 in
  - 36.0 in
  - 34.5 in
  - 33.3 in

- **4 Cell**
  - 49.4 in
  - 48.2 in
  - 46.8 in
  - 45.4 in

- **5 Cell**
  - 61.7 in
  - 60.7 in
  - 59.4 in
  - 58.0 in

- **6 Cell**
  - 74.0 in
  - 72.7 in
  - 71.2 in
  - 69.7 in

- **7 Cell**
  - 86.3 in
  - 85.0 in
  - 83.5 in
  - 81.9 in
### Section Length (ft) - Recommended Expansion Range within 1% Change in Nominal Area

<table>
<thead>
<tr>
<th>Section Length</th>
<th>Min -10%</th>
<th>-7.5%</th>
<th>-5.0%</th>
<th>-2.5%</th>
<th>Mid Range</th>
<th>+2.5%</th>
<th>+5.0%</th>
<th>+7.5%</th>
<th>+10%</th>
<th>Nominal Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 Cells</td>
<td>25.4</td>
<td>26.1</td>
<td>26.8</td>
<td>27.5</td>
<td>28.2</td>
<td>28.9</td>
<td>29.6</td>
<td>30.4</td>
<td>31.1</td>
<td>324 ft³</td>
</tr>
<tr>
<td>21 Cells</td>
<td>29.6</td>
<td>30.5</td>
<td>31.3</td>
<td>32.1</td>
<td>32.9</td>
<td>33.8</td>
<td>34.6</td>
<td>35.4</td>
<td>36.2</td>
<td>273 ft³</td>
</tr>
<tr>
<td>25 Cells</td>
<td>35.3</td>
<td>36.3</td>
<td>37.2</td>
<td>38.2</td>
<td>39.2</td>
<td>40.2</td>
<td>41.2</td>
<td>42.2</td>
<td>43.1</td>
<td>325 ft³</td>
</tr>
<tr>
<td>29 Cells</td>
<td>40.9</td>
<td>42.1</td>
<td>43.2</td>
<td>44.3</td>
<td>45.5</td>
<td>46.6</td>
<td>47.8</td>
<td>48.9</td>
<td>50.0</td>
<td>377 ft³</td>
</tr>
<tr>
<td>34 Cells</td>
<td>48.0</td>
<td>49.3</td>
<td>50.6</td>
<td>52.0</td>
<td>53.3</td>
<td>54.7</td>
<td>56.0</td>
<td>57.3</td>
<td>58.7</td>
<td>442 ft³</td>
</tr>
</tbody>
</table>

### Transverse Anchor Spacing (in)

- **Expansion**
  - -10%: 16.9 in
  - -7.5%: 17.4 in
  - -5.0%: 17.9 in
  - -2.5%: 18.4 in
  - Mid Range: 18.8 in
- **Full Section Width**: 7 ft - 4 in
- **Expansion**: 8 ft - 1 in

### Graphical Expansion Range

- Mid Range: 8 ft - 4 in
- Expansion: 7 ft - 5 in
- 10%: 17.8 in
- 8 ft - 2 in
- 7 ft - 11 in
- 6 ft - 6 in
- 5 ft - 11 in
- 4 ft - 4 in
- 3 ft - 3 in
- 2 ft - 2 in
- 1 ft - 1 in