SPREAD FOOTING SECTION

Place concrete in toe against undisturbed material, except as permitted by the Engineer.

SYMBOLS:

- Ext - extreme event limit state 1
- Str - strength limit state 1
- Ser - service limit state 1
- B' - effective footing width (ft)
- q - net bearing stress (ksf)
- f_y - gross uniform bearing stress (ksf)

LOAD COMBINATIONS AND LIMIT STATES:

Where:

- Q = DC + EV + EH + 1.75LS
- Q = 1.00DC + 1.00EV + 1.00EH + 1.00LS
- Q = 1.00DC + 1.00EV + 1.00EH + 1.00LS + 1.00EQE
- Ext 1 = 0.80EQD + 1.00EQE
- Ext 2 = 0.60EQD + 1.00EQE
- Str 1 = 0.60EQD + 1.00EQE
- Ser 1 = 0.40EQD + 1.00EQE
- Ser 2 = 0.20EQD + 1.00EQE

NOTES:

1. For details not shown and drainage notes see B3-5.
2. For wall stem joint details see B3-X and B3-Y.
3. All and short bars:
   - w > B', no calacks are allowed within 1'-6" above the top of footing.
   - w < B', no calacks are allowed within 1'-6" above the top of footing.

TABLE OF REINFORCING STEEL, DIMENSIONS AND DATA

<table>
<thead>
<tr>
<th>DESIGN</th>
<th>4'</th>
<th>6'</th>
<th>8'</th>
<th>10'</th>
<th>12'</th>
</tr>
</thead>
<tbody>
<tr>
<td>R</td>
<td>3.3</td>
<td>3.3</td>
<td>4.5</td>
<td>4.5</td>
<td></td>
</tr>
<tr>
<td>c BARS</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>f_y</td>
<td>2</td>
<td>2</td>
<td>3</td>
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<td></td>
</tr>
</tbody>
</table>

FINISHED GRADE

BACKFILL SUFFICIENTLY TO PREVENT PONISING TO BE DONE AFTER REMOVAL OF WALL FORMS AND BEFORE BACKFILLING BEHIND WALLS.