CIDH Pile

LEVEL GROUND (±10%) ON ONE SIDE OF THE SOUND WALL.

For details not shown, see Case 2.

EXPANSION JOINTS AT 48'-0" MAX CENTERS.
SEE OTHER SHEETS FOR LOCATION.

ELEVATION C-C

Note I: For details not shown, see Standard Plans B15-4 and B15-5.

Note II: See Standard Plan B15-9 for other details.

For details not shown, see Case 1.

Level ground (±10%) on one side of the sound wall and sloping ground on the opposite side.

SOUND WALL REINFORCEMENT TABLE

MAXIMUM "H" MAXIMUM "H" COMPRESSIVE STRENGTH OF CMU

<table>
<thead>
<tr>
<th>Height (ft)</th>
<th>No. of Bars</th>
<th>Min.</th>
<th>Max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'-0&quot;</td>
<td>#4</td>
<td>1500</td>
<td>1900</td>
</tr>
<tr>
<td>8'-0&quot;</td>
<td>#4</td>
<td>1500</td>
<td>1900</td>
</tr>
<tr>
<td>10'-0&quot;</td>
<td>#5</td>
<td>1500</td>
<td>1900</td>
</tr>
<tr>
<td>12'-0&quot;</td>
<td>#6</td>
<td>1500</td>
<td>2000</td>
</tr>
<tr>
<td>14'-0&quot;</td>
<td>#6</td>
<td>1900</td>
<td>2800</td>
</tr>
<tr>
<td>16'-0&quot;</td>
<td>#6</td>
<td>2000</td>
<td>2800</td>
</tr>
</tbody>
</table>

MORTAR CAP

BOND BEAM AT TOP AND AT 4'-0" MAXIMUM CENTERS BELOW

EXPANSION JOINT

6" x 6" x 1'-4" CONCRETE BLOCK

NO SCALE

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

SOUND WALL
MASONRY BLOCK ON PILE CAP
DETAILS (1)

TYPICAL SECTION

# Full mortar bed at bottom of wall.