**GENERAL NOTES:**

1. For type of block and joint finish, see other sheets.

2. When blocks are laid in stacked bond, ladder type, galvanized joint reinforcement shall be provided. A minimum of 2-9 gauge wire continuous at 4'-0" maximum to be used. Locate reinforcement in joints that are at the approximate midpoint between bond beams.

3. Vertical joints shall be tooled concave or may be raked. Vertical joints shall be tooled concave or may be raked.

4. Intersections of wall heights that are between the "N"s given, use the tabular information for the next higher "N".

5. Masonry strengths are listed in the "SOUND WALL REINFORCEMENT TABLE". See Standard Plan B15-5.

**DESIGN NOTES:**

**DESIGN**


**DESIGN WIND LOAD**

20 psf

**REINFORCED CONCRETE**

- $f_c = 3.6 \text{ ksl}$
- $f_y = 60 \text{ ksl}$

**CONCRETE MASONRY**

<table>
<thead>
<tr>
<th>REGULAR STRENGTH</th>
<th>HIGH STRENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>$f_m = 1500 \text{ psi}$</td>
<td>$f_m = 2000 \text{ psi}$</td>
</tr>
<tr>
<td>$f_s = 450 \text{ psi}$</td>
<td>$f_s = 600 \text{ psi}$</td>
</tr>
<tr>
<td>$f_e = 24,000 \text{ psi}$</td>
<td>$f_e = 24,000 \text{ psi}$</td>
</tr>
<tr>
<td>$n = 25.8$</td>
<td>$n = 19.3$</td>
</tr>
</tbody>
</table>

**STATE OF CALIFORNIA**

DEPARTMENT OF TRANSPORTATION

SOUND WALL

MASONRY BLOCK ON PILE CAP

DETAILS (2)

NO SCALE

B15-4