NOTES:
1. All piles are class 90 concrete piles.
2. Pile diameter shown is 18".
3. Minimum distance between center pile and edge of footing is 1-4".
4. Lateral resistance of each pile: 30 kPa for strength limit states, 40 kPa for extreme limit states.
Pile group reduction factors are not applied, unless soil positive resistance on footing is included.
5. Maximum spacing between piles is shown in the table. Reduce to suit the length of footing.
6. Minimum distance between any two piles is 3'-0". Reduce to suit the length of footing.
7. For sound walls, see "SOUND WALL - MASONRY BLOCK ON RETAINING WALL" sheets.
8. For details not shown and drainage notes, see details elsewhere in Project Plans.
9. Footing cover, 1'-6" minimum.
10. For sound walls and reinforcements, see "SOUND WALL - MASONRY BLOCK ON RETAINING WALL" sheets.

TABLE OF WALL DIMENSIONS, PILE SPACINGS & REINFORCING STEEL

<table>
<thead>
<tr>
<th>DESIGN H</th>
<th>M</th>
<th>W</th>
<th>W</th>
<th>G</th>
<th>F</th>
<th>H</th>
<th>20'</th>
<th>27'</th>
<th>24'</th>
</tr>
</thead>
<tbody>
<tr>
<td>8'-6&quot;</td>
<td>9'-0&quot;</td>
<td>9'-3&quot;</td>
<td>9'-6&quot;</td>
<td>10'-0&quot;</td>
<td>10'-3&quot;</td>
<td>12'-0&quot;</td>
<td>12'-3&quot;</td>
<td>14'-0&quot;</td>
<td>14'-3&quot;</td>
</tr>
<tr>
<td>8'-8&quot;</td>
<td>9'-0&quot;</td>
<td>9'-3&quot;</td>
<td>9'-6&quot;</td>
<td>10'-0&quot;</td>
<td>10'-3&quot;</td>
<td>12'-0&quot;</td>
<td>12'-3&quot;</td>
<td>14'-0&quot;</td>
<td>14'-3&quot;</td>
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<tr>
<td>8'-10&quot;</td>
<td>9'-0&quot;</td>
<td>9'-3&quot;</td>
<td>9'-6&quot;</td>
<td>10'-0&quot;</td>
<td>10'-3&quot;</td>
<td>12'-0&quot;</td>
<td>12'-3&quot;</td>
<td>14'-0&quot;</td>
<td>14'-3&quot;</td>
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<tr>
<td>8'-12&quot;</td>
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<td>12'-0&quot;</td>
<td>12'-3&quot;</td>
<td>14'-0&quot;</td>
<td>14'-3&quot;</td>
</tr>
</tbody>
</table>

**NOTES:**
1. Indicates 2 bar bundle
2. Total bars are top and bottom combined

**PILE FOOTING SECTION**

All piles are not shown

**WALL OFFSET**

Values for offsetting forms to be determined by the engineer.