A building permit is required for any masonry (block) wall that is over 2 feet high. Please provide a site-plan of your property on the back of this handout.

This standard is not for Retaining Walls. For Retaining Walls please provide a Site Plan with Structural Calculations by a Licensed Engineer.

**FOOTING OPTION “A”**

- #4 Horizontal rebar
- #4 Horizontal at 32" max. o.c.

**FOOTING OPTION “B”**

- #4 Horizontal rebar
- #4 Horizontal at 32" max. o.c.

### FOOTING

1. **FOOTING:** Excavation trench clean with steel in place and supported 3” above and away from the surrounding earth/dirt.
2. **REBAR/PRE-GROUT:** Bond beam rebar and vertical rebar in place – inspection prior to placing grout.
3. **FINISH:** after grout is placed — prior to any decorative cap placement.

**DISCLAIMER:** Alternate designs may be possible when provided with an engineered analysis. Use of this standard design is at the user's risk and carries no implied or inferred guarantee against failure or defects.

**TABLE “A”**

<table>
<thead>
<tr>
<th>H’</th>
<th>W’</th>
<th>Vertical Reinforcement</th>
</tr>
</thead>
<tbody>
<tr>
<td>3’</td>
<td>17”</td>
<td>#4 @ 48&quot; O.C.</td>
</tr>
<tr>
<td>4’</td>
<td>20”</td>
<td>#4 @ 48&quot; O.C.</td>
</tr>
<tr>
<td>5’</td>
<td>23”</td>
<td>#4 @ 48&quot; O.C.</td>
</tr>
<tr>
<td>6’</td>
<td>29”</td>
<td>#4 @ 24&quot; O.C.</td>
</tr>
</tbody>
</table>

**TABLE “B”**

<table>
<thead>
<tr>
<th>H’</th>
<th>W’</th>
<th>Vertical Reinforcement</th>
</tr>
</thead>
<tbody>
<tr>
<td>3’</td>
<td>19”</td>
<td>#4 @ 48&quot; O.C.</td>
</tr>
<tr>
<td>4’</td>
<td>22”</td>
<td>#4 @ 48&quot; O.C.</td>
</tr>
<tr>
<td>5’</td>
<td>29”</td>
<td>#4 @ 48&quot; O.C.</td>
</tr>
<tr>
<td>6’</td>
<td>34”</td>
<td>#4 @ 24&quot; O.C.</td>
</tr>
</tbody>
</table>

### NOTES:

1. Grout **ONLY** the cells containing rebar. This wall is **NOT** designed for all cells to be grouted.
2. All rebar to be ASTM spec. A615, Grade 40 minimum.
3. All rebar lap splices to be 24" minimum.
4. All masonry units to be ASTM C-90 Grade N.
5. Rebar to be centered in masonry cells.
6. For footings and foundations use concrete with a minimum strength of 2500 psi @ 28 days.

The following inspections are required:

1. **FOOTING:** Excavation trench clean with steel in place and supported 3” above and away from the surrounding earth/dirt.
2. **REBAR/PRE-GROUT:** Bond beam rebar and vertical rebar in place – inspection prior to placing grout.
3. **FINISH:** after grout is placed — prior to any decorative cap placement.

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**INDICATE BLOCK WALL MATERIAL AND FINISH. (to be completed by Planning Department)**

- **Front Finish:**
- **Back Finish:**

  - Cap Required: □ YES □ NO
  - Plan Attached: □ YES □ NO
  - Site Plan: □ YES □ NO

For questions or concerns, contact Building and Safety: 909-620-2371 505 S. Garey Ave. Pomona, CA 91769
SITE PLAN
Please provide a drawing of your property and the location of the proposed wall.

Planning Approval

Public Works Approval