FOOTING OPTION “A”

- Height from top of footing: 10" (W)
- Reverse direction of hook on every other rebar

FOOTING OPTION “B”

- Height from top of footing: 12"
- #4 Horizontal rebar (use bond beam block)

Reverse direction of hook on every other rebar

SEE TABLE "A" FOR REBAR SIZE AND SPACING (locate rebar in center of cell)

SEE TABLE "B" FOR REBAR SIZE AND SPACING (locate rebar in center of cell)

Finish grade

(1) - #4 rebar continuous
(2) - #4 rebar continuous

All footings adjacent to slopes to be at least 5’ to daylight as shown below.

Table “A”

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

Table “B”

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

NOTES:
1) This design does not allow grade differentials of more than 6" on opposing sides of the wall. This is not a retaining wall.
2) Fence heights are regulated – consult zoning regulations before beginning construction.
3) No water course or natural drainage shall be obstructed.
4) Grout only the cells containing rebar. This wall is not designed for all cells to be grouted.
5) All rebar to be ASTM spec. A615, grade 40 minimum.
6) All rebar lap splices to be 24” minimum.
7) All masonry units to be ASTM C-90 grade N.
8) Rebar to be centered in masonry cells.

"SEE PAGE 2 FOR ADDITIONAL INFORMATION"

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.

Western Riverside County Code Uniformity Program

City of Temecula

Freestanding Block Wall

951-694-6439

03/01/2014 Free Standing Block Wall PAGE 1 OF 3
(TYPICAL)
All rebar splices 24" min. overlap

(TYPICAL)
Only cells and bond beam courses with rebar to be grouted
(Do not solid grout entire wall - use grout stop mesh as appropriate)

(TYPICAL)
All rebar shall have a minimum of 3" concrete cover at footings

DESIGN PARAMETERS:
ACTIVE SOIL PRESSURE (PSF) = 30
PASSIVE SOIL BEARING (PSF) = 150
COEFFICIENT OF FRICTION = 0.25
ALLOWABLE SOIL BEARING (PSF) = 1500
WIND = 85 MPH, EXPOSURE C
SEISMIC DESIGN CATEGORY 'E', SITE CLASS 'D'
Walls

Freestanding & Block Pilaster

Check with the Building Department to verify if a building permit is required.

When a building permit is required, the following inspections are also required:

1) **FOOTING:** Excavation trench clean with steel in place and supported 3" above and away from the surrounding the earth/dirt.

2) **REBAR/PRE-GROUT:** Vertical rebar in place - inspection prior to placing grout.

3) **FINAL:** After grout is placed - prior to any decorative cap placement.

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**LIMITATIONS:**

1. Pilaster spacing shall not exceed 20 ft. when other infill fencing is attached.
2. Only open type fencing (such as wrought iron) may be attached to pilasters. Solid type fencing may **not** be attached to pilaster.
3. Gates and doors attached to pilaster are limited to 200# max. weight and 4 ft. max. width per pilaster.
4. This pilaster design is intended to be used **ONLY** as a fencing feature and is not intended to support any other loads.
5. Fence heights are regulated – consult zoning regulations before beginning construction.
6. Installation of electric circuits, conduits, or lighting fixtures require electrical permits and inspection.
7. Footings to be placed in undisturbed soil or properly compacted and engineered fill.
8. For design parameters, see freestanding block wall standard.