FOOTING OPTION “A”

HEIGHT FROM TOP OF FOOTING

“H”

12”

10”

“W”

(FOOTING WIDTH)

SEE TABLE “A” FOR REBAR SIZE AND SPACING

(LOCATE REBAR IN CENTER OF CELL)

#4 HORIZONTAL REBAR
(USE BOND BEAM BLOCK)

6” OR 8” BLOCK

Finish grade

(1) - #4 REBAR
CONTINUOUS

(2) - #4 REBAR
CONTINUOUS

FOOTING OPTION “B”

HEIGHT FROM TOP OF FOOTING

“H”

12”

10”

“W”

(FOOTING WIDTH)

SEE TABLE “B” FOR REBAR SIZE AND SPACING

(LOCATE REBAR IN CENTER OF CELL)

#4 HORIZONTAL AT 32” MAX. O.C.
(USE BOND BEAM BLOCK)

6” OR 8” BLOCK

Finish grade

(1) - #4 REBAR
CONTINUOUS

(2) - #4 REBAR
CONTINUOUS

SEE TABLE “A”

VERTICAL REINFORCEMENT

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

SEE TABLE “B”

VERTICAL REINFORCEMENT

<table>
<thead>
<tr>
<th>“H”</th>
<th>“W”</th>
<th>#4 @ 48” O.C.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3’</td>
<td>19”</td>
<td>#4 @ 48” O.C.</td>
</tr>
<tr>
<td>4’</td>
<td>22”</td>
<td>#4 @ 48” O.C.</td>
</tr>
<tr>
<td>5’</td>
<td>29”</td>
<td>#4 @ 48” O.C.</td>
</tr>
<tr>
<td>6’</td>
<td>34”</td>
<td>#4 @ 24” 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 LAKE ELSINORE

BUILDING DEPARTMENT

Freestanding block wall

130 S. MAIN STREET, LAKE ELSINORE, CA 92530

GardenWallFinal2008.vsd PAGE 1 OF 2
REBAR PLACEMENT ILLUSTRATION

(TYPICAL)
ALL REBAR SPLICES 24" MIN. OVERLAP

FOOTING OPTION A

(TYPICAL)
ONLY CELLS AND BOND BEAM COURSES WITH REBAR TO BE GROUTED
(Do not solid grout entire wall - use grout stop mesh as appropriate)

FOOTING OPTION B

(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'