FOOTING OPTION “A”

#4 HORIZONTAL REBAR
(USE BOND BEAM BLOCK)

6" OR 8" BLOCK

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

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)

FOOTING WIDTH

"W"

HEIGHT FROM TOP OF FOOTING

12"

10"

12"

10"

Reverse direction of hook on every other rebar

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 C90 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.

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>

CHECK WITH THE BUILDING DEPARTMENT TO VERIFY IF A BUILDING PERMIT IS REQUIRED.

WHEN A PERMIT IS REQUIRED, 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/PREGROUT: BOND BEAM REBAR AND VERTICAL REBAR IN PLACE—INSPECTION PRIOR TO PLACING GROUT.

3) FINAL: AFTER GROUT IS PLACED—PRIOR TO ANY DECORATIVE CAP PLACEMENT.
(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 = 80 MPH, EXPOSURE C
SEISMIC:  
Na=1.3, Nv=1.6, Z=0.4, SOIL PROFILE=Sd

Drawn by: B Germian