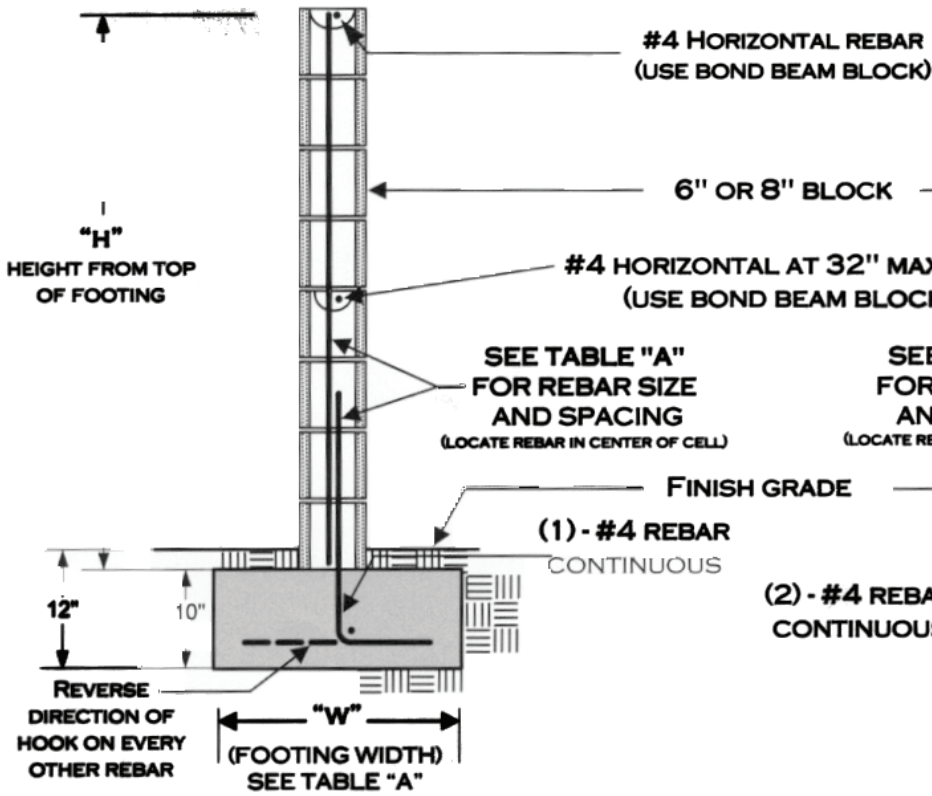


# FOOTING OPTION "A"



# FOOTING OPTION "B"

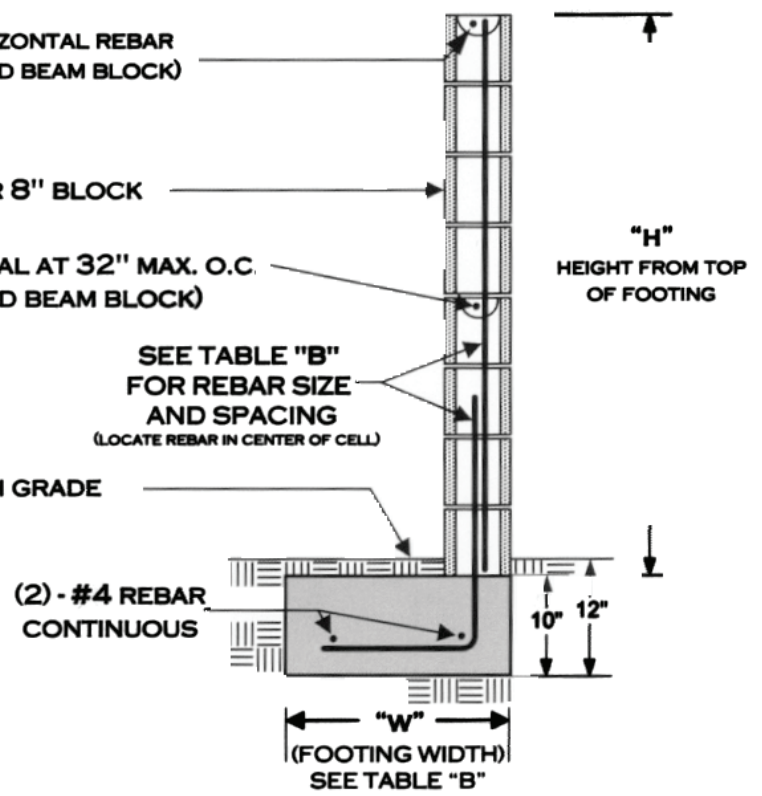


TABLE "A"		
"H"	"W"	VERTICAL REINFORCEMENT
3'	17"	#4 @ 48" O.C.
4'	20"	#4 @ 48" O.C.
5'	23"	#4 @ 48" O.C.
6'	29"	#4 @ 24" O.C.

ALL FOOTINGS ADJACENT TO SLOPES TO BE AT LEAST 5' TO DAYLIGHT AS SHOWN BELOW.

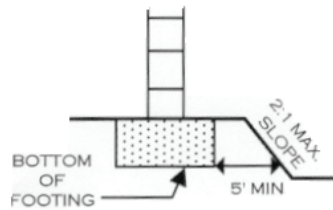


TABLE "B"		
"H"	"W"	VERTICAL REINFORCEMENT
3'	19"	#4 @ 48" O.C.
4'	22"	#4 @ 48" O.C.
5'	29"	#4 @ 48" O.C.
6'	34"	#4 @ 24" O.C.

## 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.

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/PRE-GROUT; 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.

### WESTERN RIVERSIDE COUNTY CODE UNIFORMITY PROGRAM



CITY OF MORENO VALLEY  
Building & Safety Division

## FREESTANDING BLOCK WALL

951.413.3350

14177 FREDRICK ST  
MORENO VALLEY CA, 92553

12/27/06

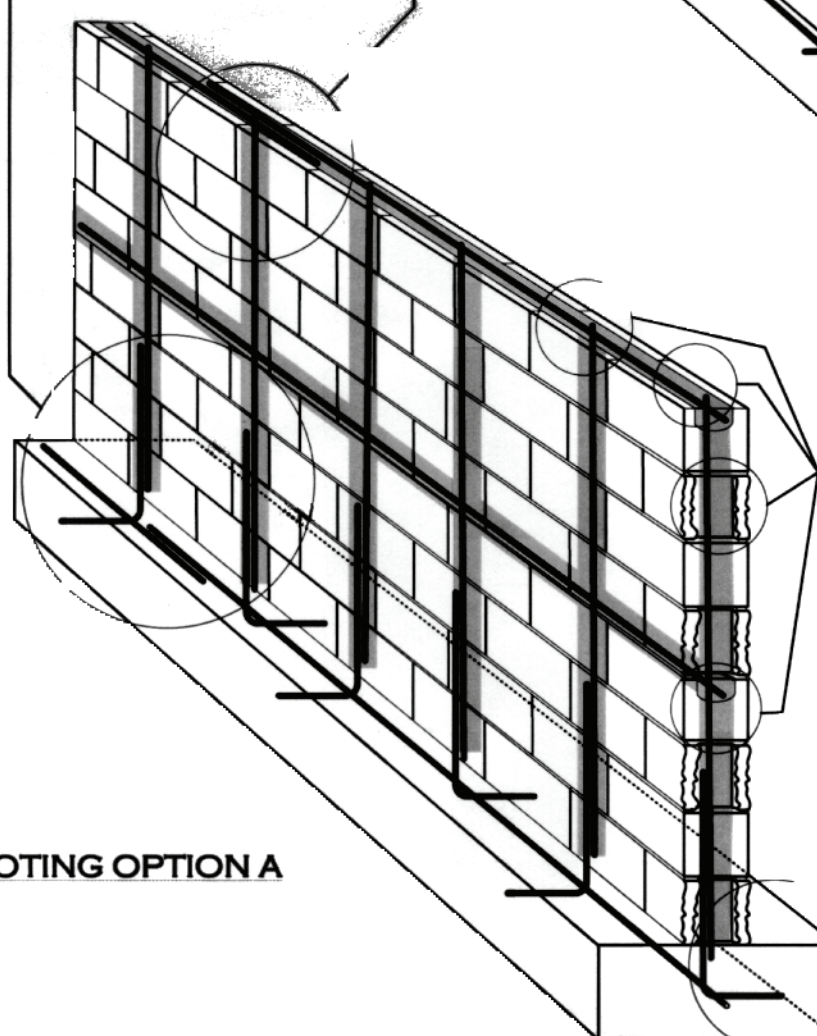
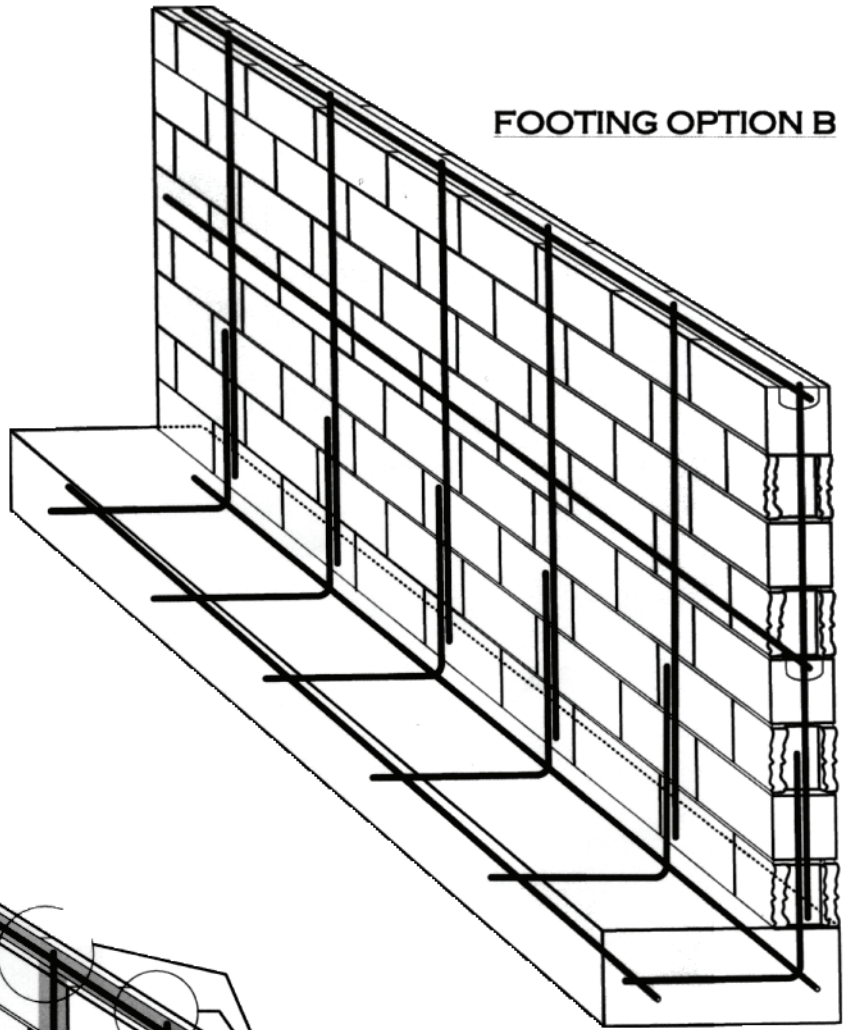
GARDENWALLFINALVSD

PAGE 1 OF 2

**REBAR PLACEMENT  
ILLUSTRATION**

**FOOTING OPTION B**

(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)

(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

<b>WESTERN RIVERSIDE COUNTY CODE UNIFORMITY PROGRAM</b>	
	<b>CITY OF MORENO VALLEY</b> Building & Safety Division
	<b>FREESTANDING BLOCK WALL</b>
951.413.3350	14177 FREDRICK ST MORENO VALLEY CA, 92553
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