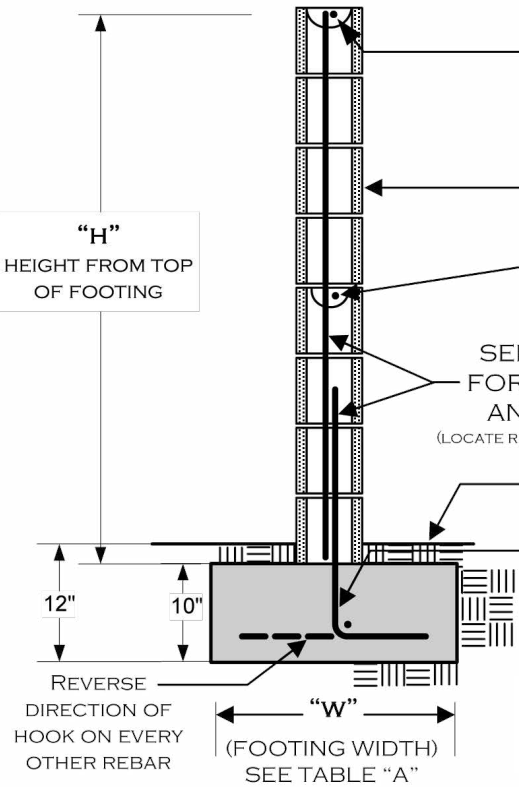
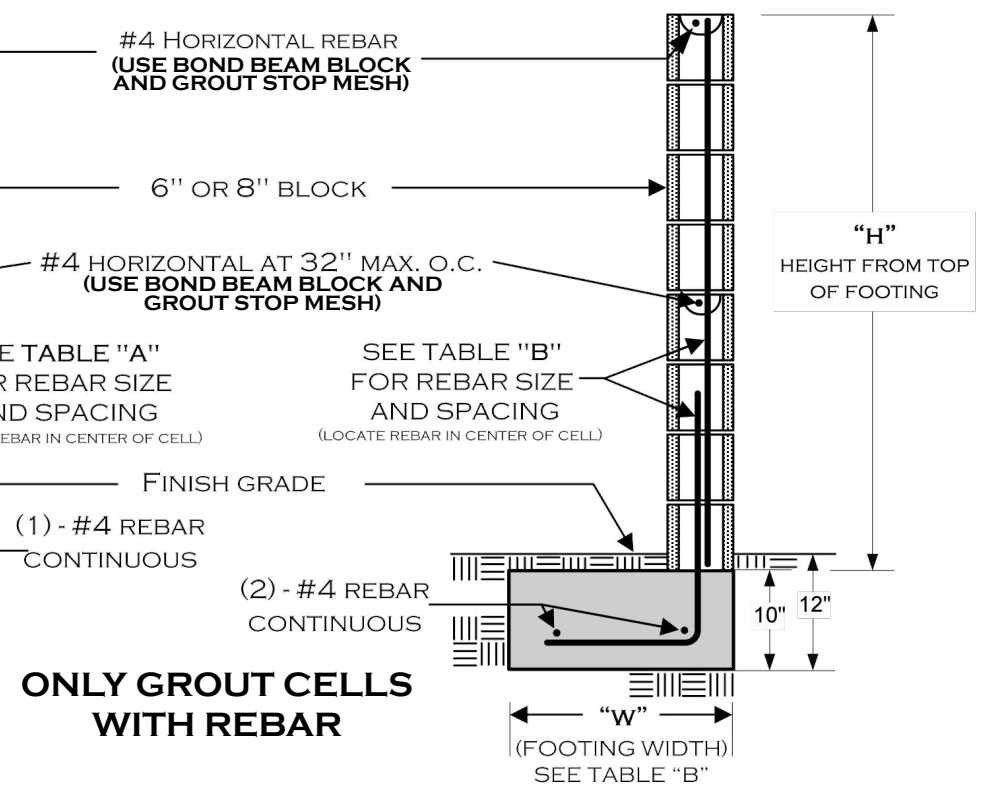


# FOOTING OPTION "A"

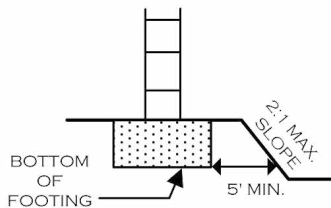


# FOOTING OPTION "B"



## ONLY GROUT CELLS WITH REBAR

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



"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.

"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.

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.

\*SEE PAGE 2 FOR ADDITIONAL INFORMATION\*

### DISCLAIMER:

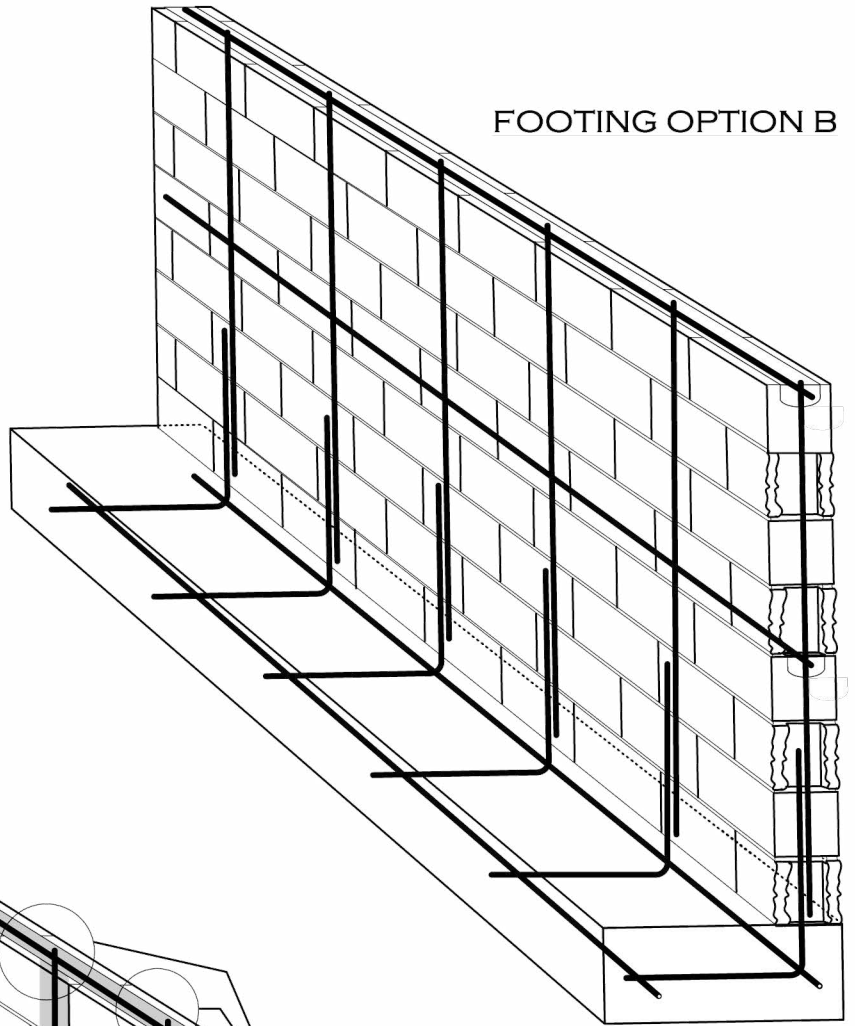
ALTERNATE DESIGNS MAY BE POSSIBLE WHEN PROVIDED WITH AN ENGINEERED ANALYSIS. USE OF THIS STANDARD DESIGN IS AT THE USER'S RISK AND CARRIES NO IMPLIED OR INFERRED GUARANTEE AGAINST FAILURE OR DEFECTS.

<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	
	1/23/2014	GARDENWALLFINAL.VSD

# REBAR PLACEMENT ILLUSTRATION

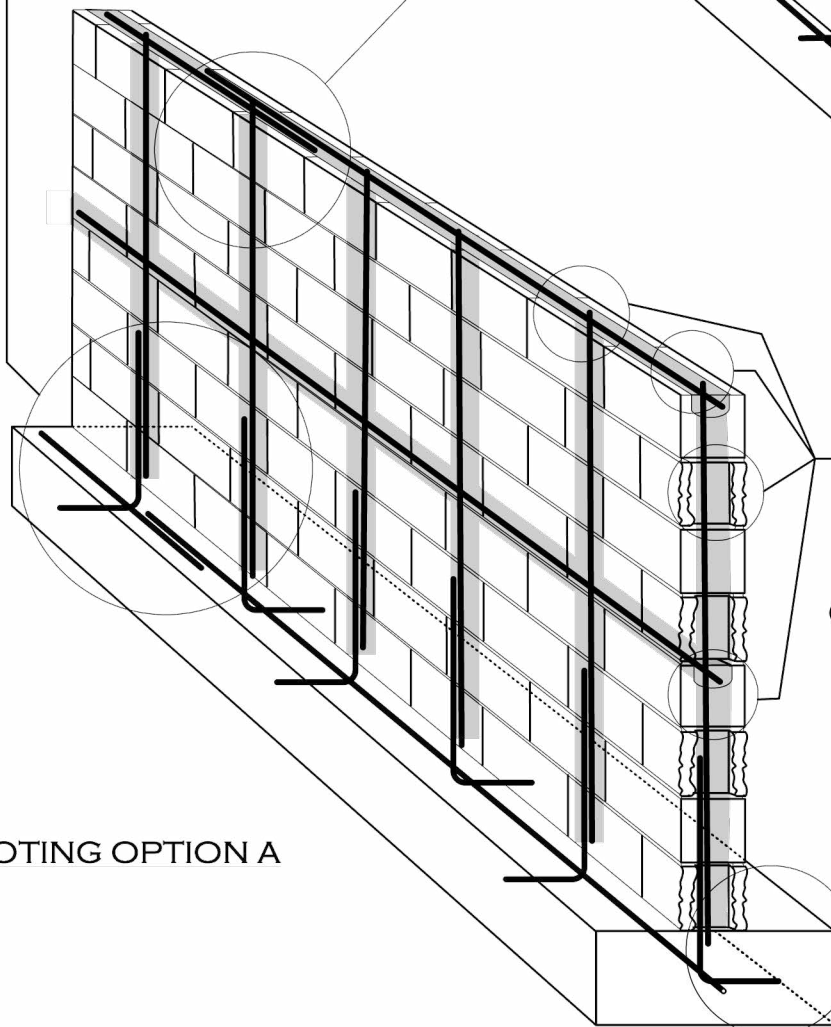
FOOTING OPTION B

(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)

FOOTING OPTION A



(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

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

1/23/2014

GARDENWALLFINAL.VSD

PAGE 2 OF 2

NAME: \_\_\_\_\_ PHONE: \_\_\_\_\_

ADDRESS: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

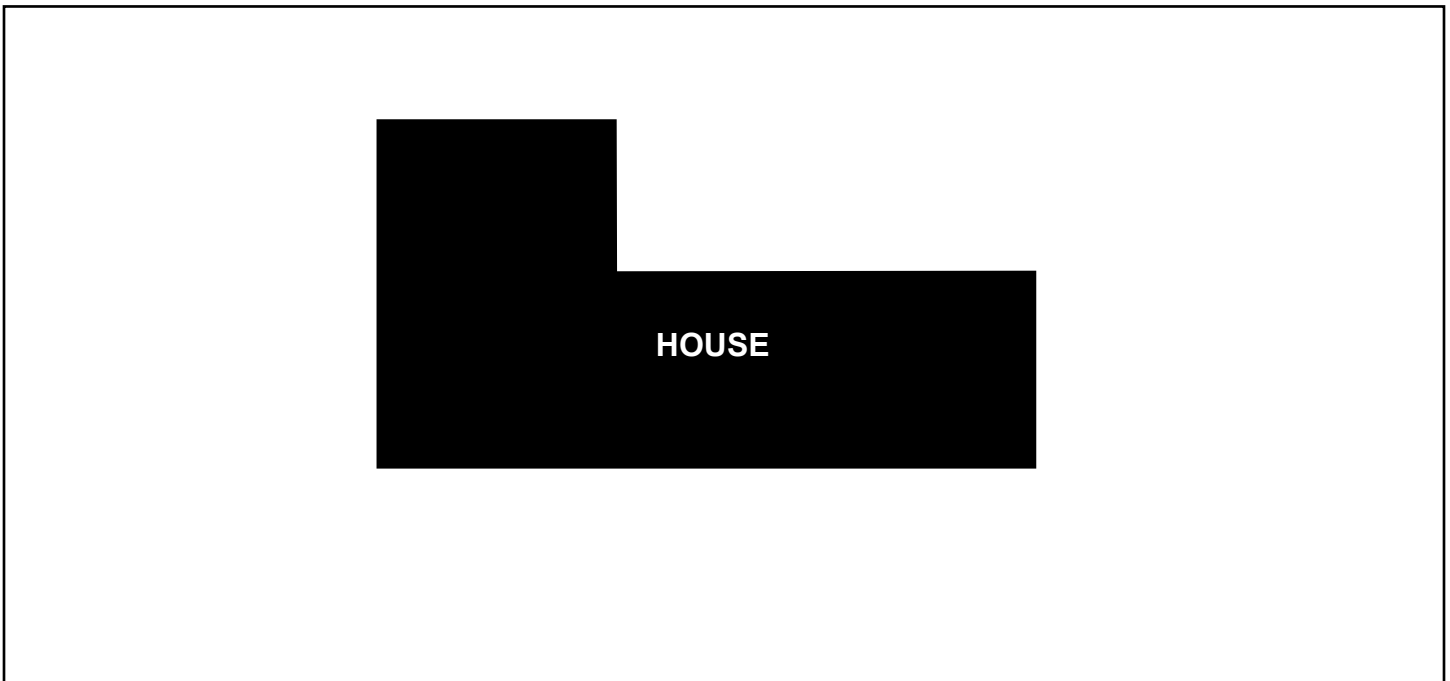
NEAREST MAJOR CROSS STREETS: \_\_\_\_\_ & \_\_\_\_\_

ASSESSORS PARCEL NO: \_\_\_\_\_  
*See property tax bill or call the County Assessor's Office at 955.6200.*

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### STREET FRONT PROPERTY LINE



### REAR PROPERTY LINE

**Please show your patio roof dimensions and where it is on your property, where the posts will be and how far the cover is from the property lines.**

**Show lot drainage pattern by indicating arrows (→).**

**For all other structures, i.e., retaining walls, garden walls, etc., show their location on your property indicating their dimensions.**

**Indicate location of all slopes; up slope (↑), down slope (↓).**

**For all setbacks from all property lines, please see a Planner.**

**All structures need approval from the Planning Division prior to obtaining a building permit.**