

FOOTING OPTION "A"

FOOTING OPTION "B"

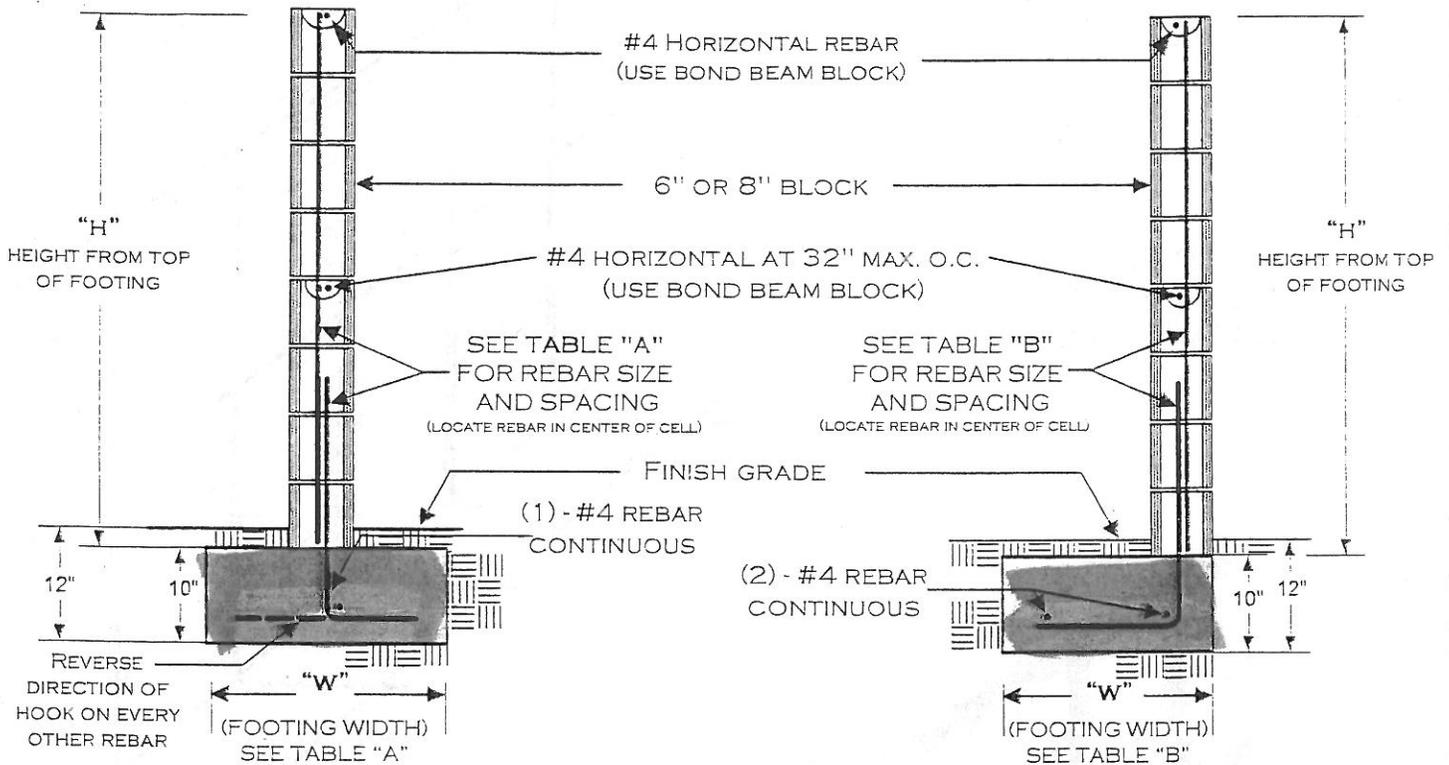


TABLE "A"

"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.

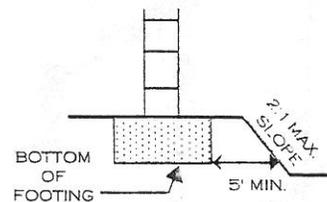


TABLE "B"

"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:

Garden Wall

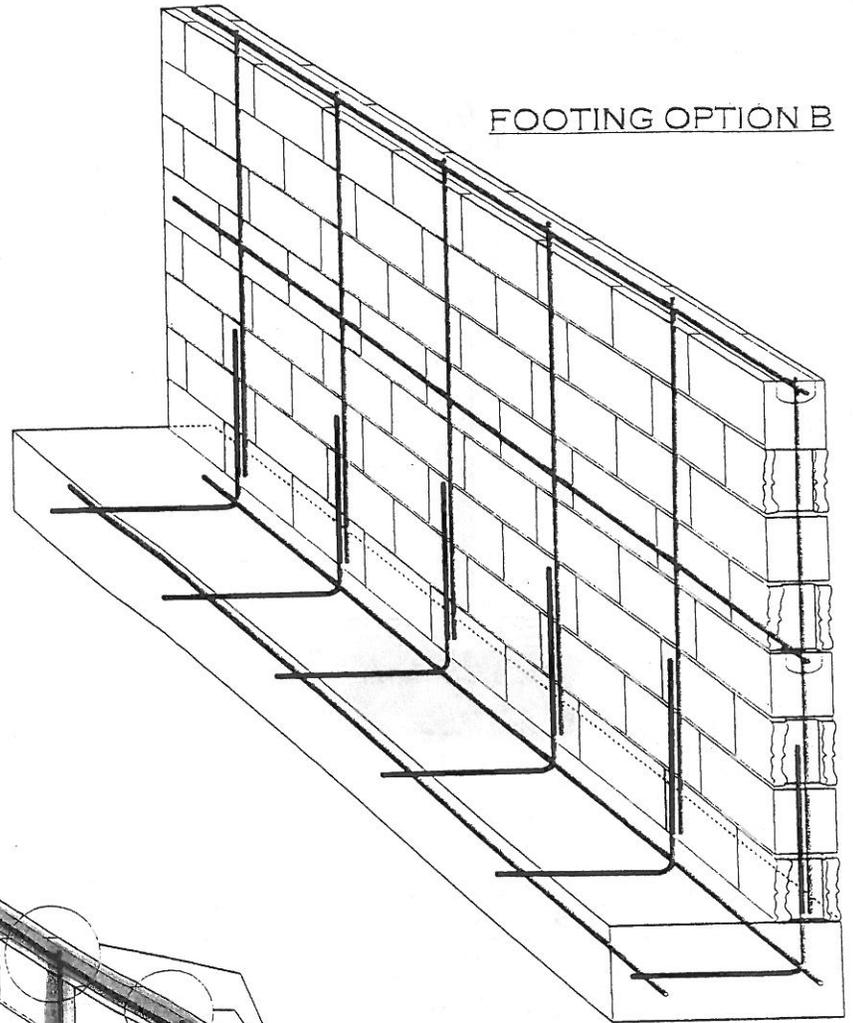
- 1st Set backs, Footing excavation and steel
- 2nd mid-height bond beam, and grout stop
- 3rd Vertical steel, top bond beam and grout stop
- 4th grout

WESTERN RIVERSIDE COUNTY CODE UNIFORMITY PROGRAM	
	CITY OF HIGHLAND BUILDING DEPARTMENT
	FREESTANDING BLOCK WALL
1/1/2008	V2002GARDENWALLFINAL200 B.VSD
	PAGE 1 OF 2

REBAR PLACEMENT ILLUSTRATION

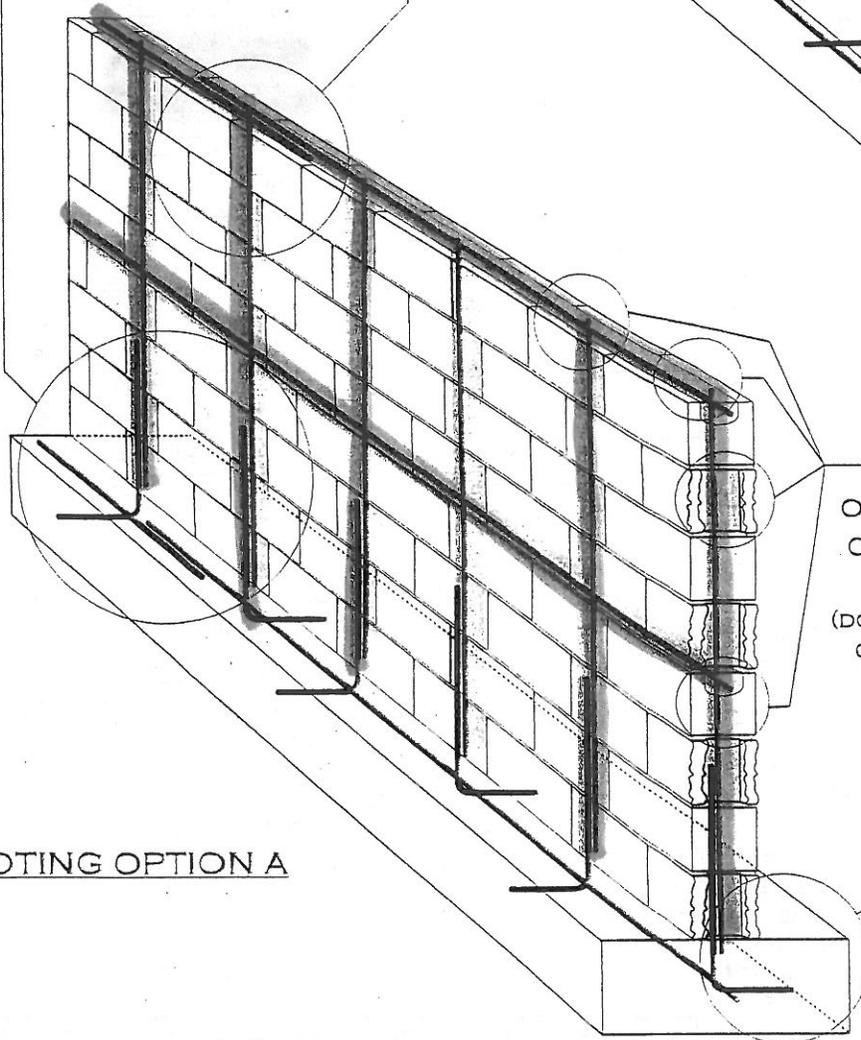
FOOTING OPTION B

(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 = 85 MPH, EXPOSURE C
- SEISMIC DESIGN CATEGORY 'E', SITE CLASS 'D'



WESTERN RIVERSIDE COUNTY CODE UNIFORMITY PROGRAM



CITY OF HIGHLAND
BUILDING DEPARTMENT

FREESTANDING BLOCK WALL

1/1/2008

V2002GARDENWALLFINAL2
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PAGE 2 OF 2