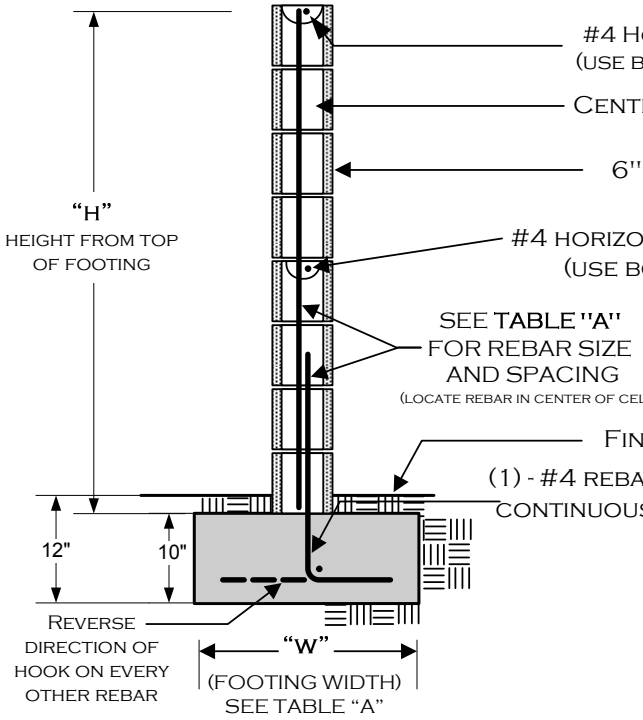
FOOTING OPTION "A"



FOOTING OPTION "B"

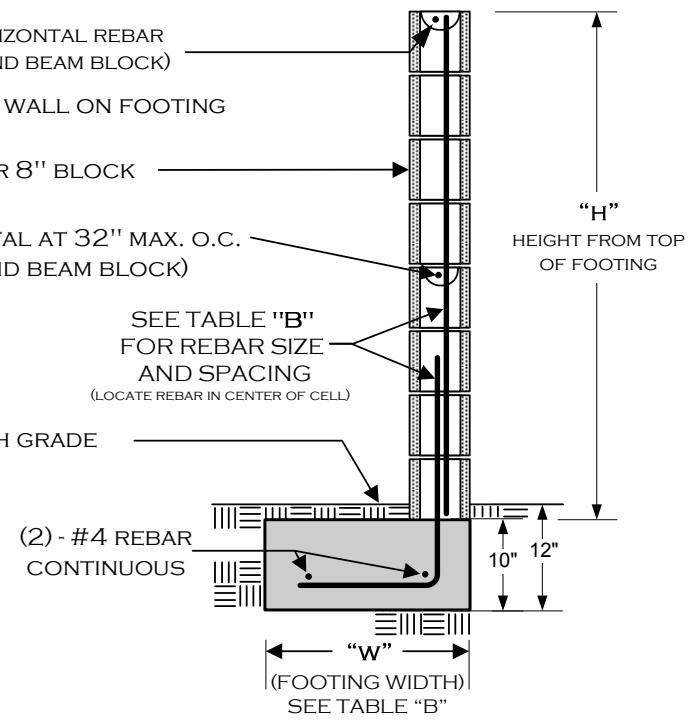


TABLE "A"		
"H"	"W"	VERTICAL REINFORCEMENT
3'	17"	#4 @ 48" O.C.
4'	20"	#4 @ 48" O.C.
5'	23"	#4 @ 48" O.C.
6'	29"	#4 @ 24" O.C.

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

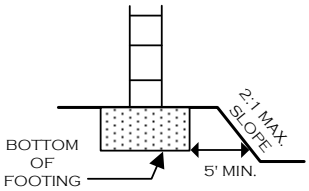


TABLE "B"		
"H"	"W"	VERTICAL REINFORCEMENT
3'	19"	#4 @ 48" O.C.
4'	22"	#4 @ 48" O.C.
5'	29"	#4 @ 48" O.C.
6'	34"	#4 @ 24" O.C.

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) PROVIDE RETAINING WALL DRAINAGE SYSTEM AS FOLLOWS:
   PROVIDE 1CF/FT OF CLEAN COARSE GRAVEL WITH 4" DIAMETER PERFORATED PVC DRAINAGE PIPE WITH 1% GRADIENT TO DRAIN - OR OMIT HEAD JOINTS IN FIRST COURSE.
6) OPTIONAL: INSTALLATION OF A MOISTURE BARRIER ON THE FILL SIDE OF THE WALL WILL HELP TO PREVENT MOISTURE FROM PENETRATING THE VISIBLE SIDE OF THE WALL, RESULTING IN DISCOLORATION.
7) THIS RETAINING WALL STANDARD IS NOT DESIGNED TO SUPPORT SURCHARGE LOADS FROM MOTOR VEHICLES OR OTHER STRUCTURES.
8) CLEANOUTS SHALL BE PROVIDED FOR ALL GROUT POURS OVER 5 FEET IN HEIGHT. WHERE REQUIRED, CLEANOUTS SHALL BE PROVIDED IN THE BOTTOM COURSE AT EVERY VERTICAL BAR AND SHALL BE SEALED AFTER INSPECTION AND BEFORE GROUTING.

SEE PAGE 2 FOR ADDITIONAL INFORMATION

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.

MONTCLAIR

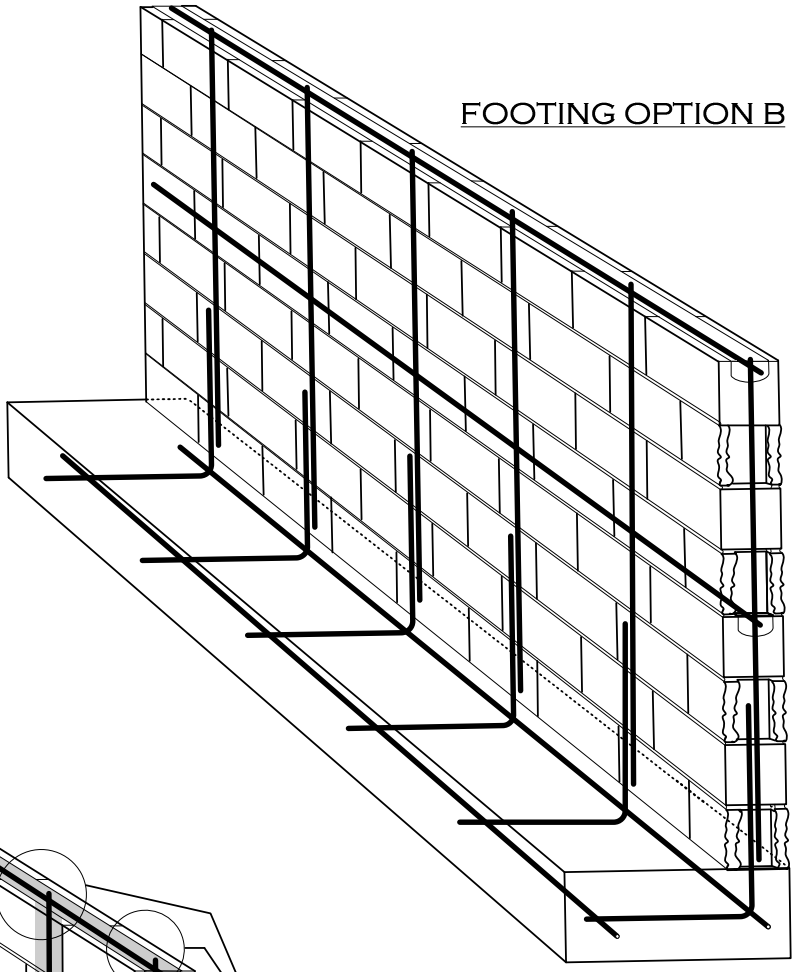
CITY OF MONTCLAIR
BUILDING & SAFETY

FREESTANDING BLOCK WALL

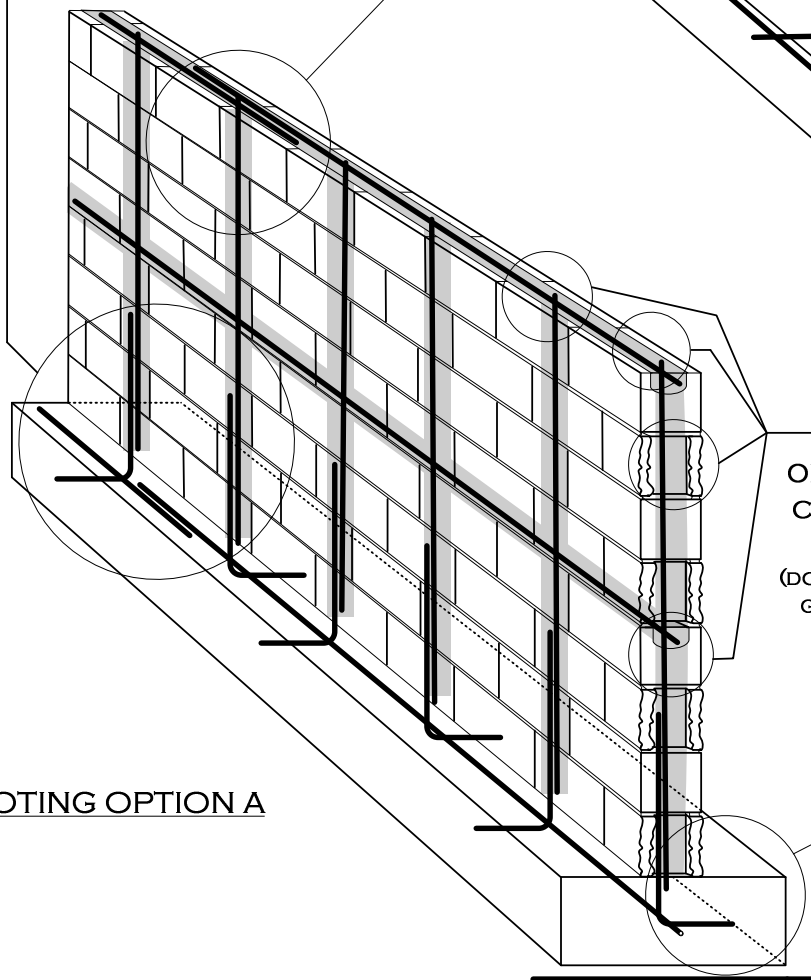
(909) 625-9477
5111 BENITO ST.,
MONTCLAIR, CA 91763

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'

MONTCLAIR

CITY OF MONTCLAIR
BUILDING & SAFETY

FREESTANDING BLOCK WALL

(909) 625-9477

5111 BENITO ST., MONTCLAIR, CA 91763

1 1/1/2010 | MONTCLAIR GARDENWALLFINAL2010.VSD | PAGE 2 OF 2