



**CITY OF WILDOMAR
COMMUNITY DEVELOPMENT
DEPARTMENT OF BUILDING AND SAFETY**

MASONRY (BLOCK) WALL

03-2018

**A building permit is required for any masonry (block) wall that is over 3 feet high.
Please provide a site-plan of your property on the back of this handout.**

This standard is not for Retaining Walls.

For Retaining Walls please provide a Site Plan with Structural Calculations by a Licensed Engineer.

FOOTING OPTION "A"

FOOTING OPTION "B"

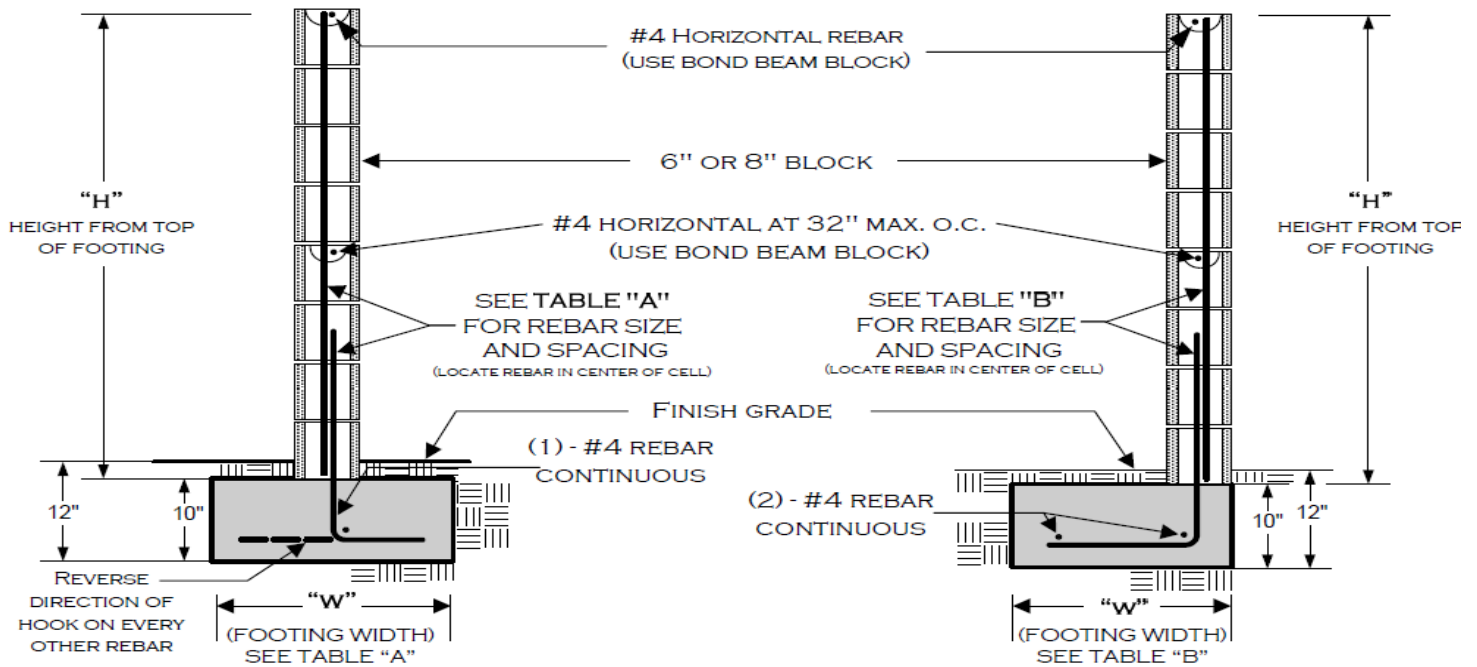


TABLE "A"		
"H"	"W"	VERTICAL REINFORCEMENT
3'	17"	#4 @ 48" O.C.
4'	20"	#4 @ 48" O.C.
5'	23"	#4 @ 48" O.C.
6'	29"	#4 @ 24" O.C.

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

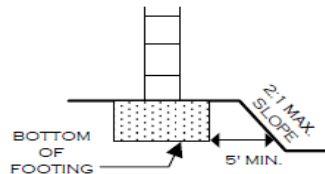


TABLE "B"		
"H"	"W"	VERTICAL REINFORCEMENT
3'	19"	#4 @ 48" O.C.
4'	22"	#4 @ 48" O.C.
5'	29"	#4 @ 48" O.C.
6'	34"	#4 @ 24" O.C.

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. Grout ONLY the cells containing rebar. This wall is NOT designed for all cells to be grouted.
3. All rebar to be ASTM spec. A615, Grade 40 minimum.
4. All rebar lap splices to be 24" minimum.
5. All masonry units to be ASTM C-90 Grade N.
6. Rebar to be centered in masonry cells.
7. No water course or natural drainage shall be obstructed.
8. Fence heights are regulated —Consult Planning.

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.

DISCLAIMER: Alternate designs may be possible when provide 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.