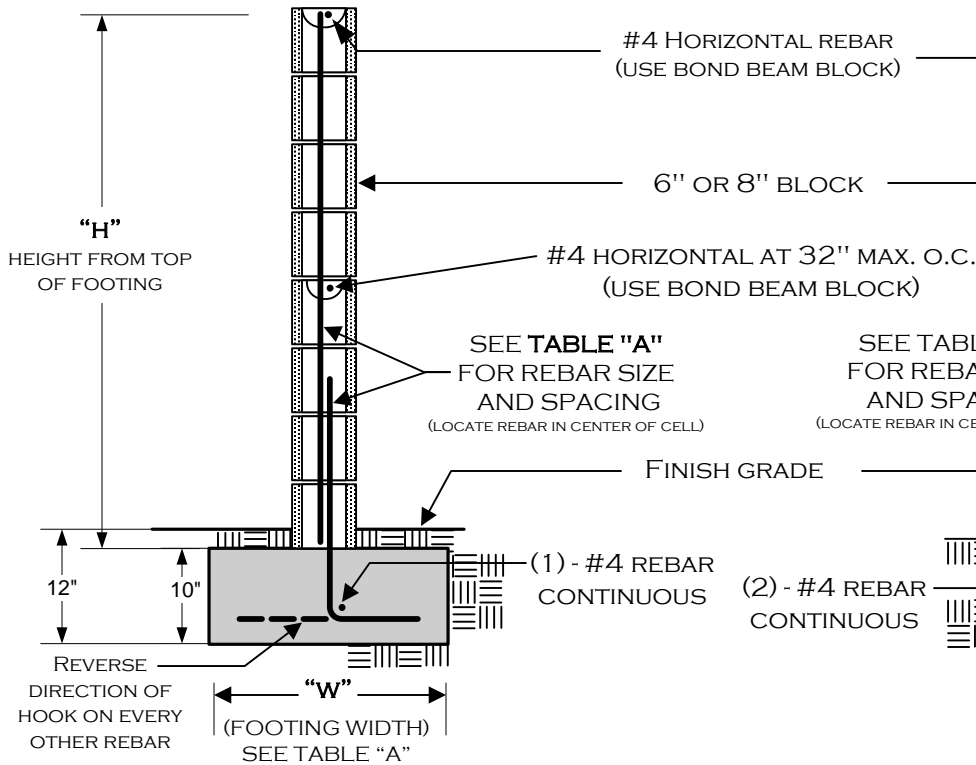
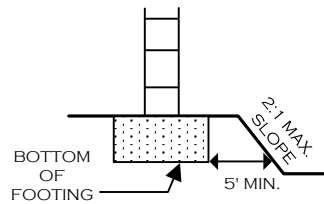


## FOOTING OPTION "A"

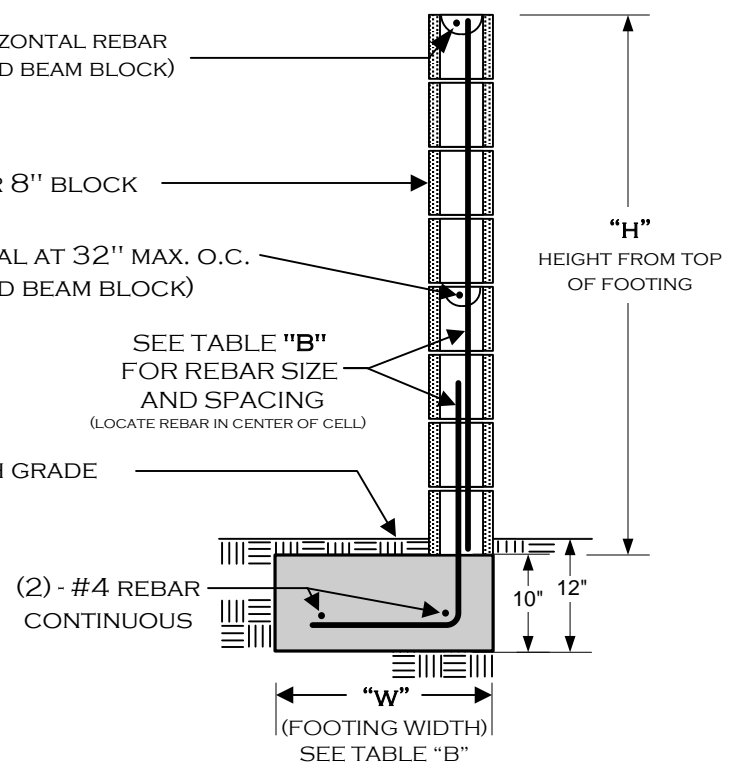


"H"	"W"	VERTICAL REINFORCEMENT
3'	17"	#4 @ 48" O.C.
4'	20"	#4 @ 48" O.C.
5'	23"	#4 @ 48" O.C.
6'	29"	#4 @ 24" O.C.

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



## FOOTING OPTION "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/wall heights are regulated – consult zoning regulations and obtain a permit 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.

The City of Jurupa Valley requires a building permit for all block walls over three feet in height measured from the top of footing to top of wall.

### 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.



## CITY OF JURUPA VALLEY BUILDING DEPARTMENT

8930 LIMONITE AVE.  
JURUPA VALLEY, CA 92509

### FREESTANDING BLOCK WALL

(951) 332-6464

Fax (951) 332-6995

5/12/2021

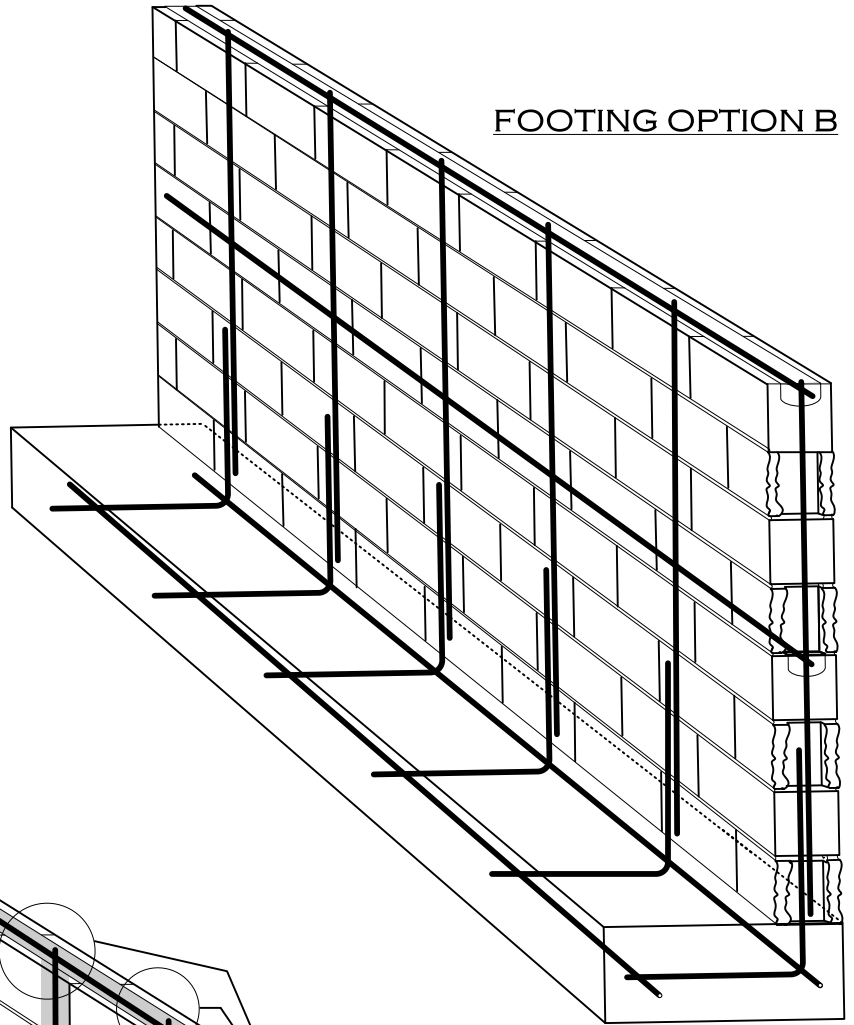
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# REBAR PLACEMENT ILLUSTRATION

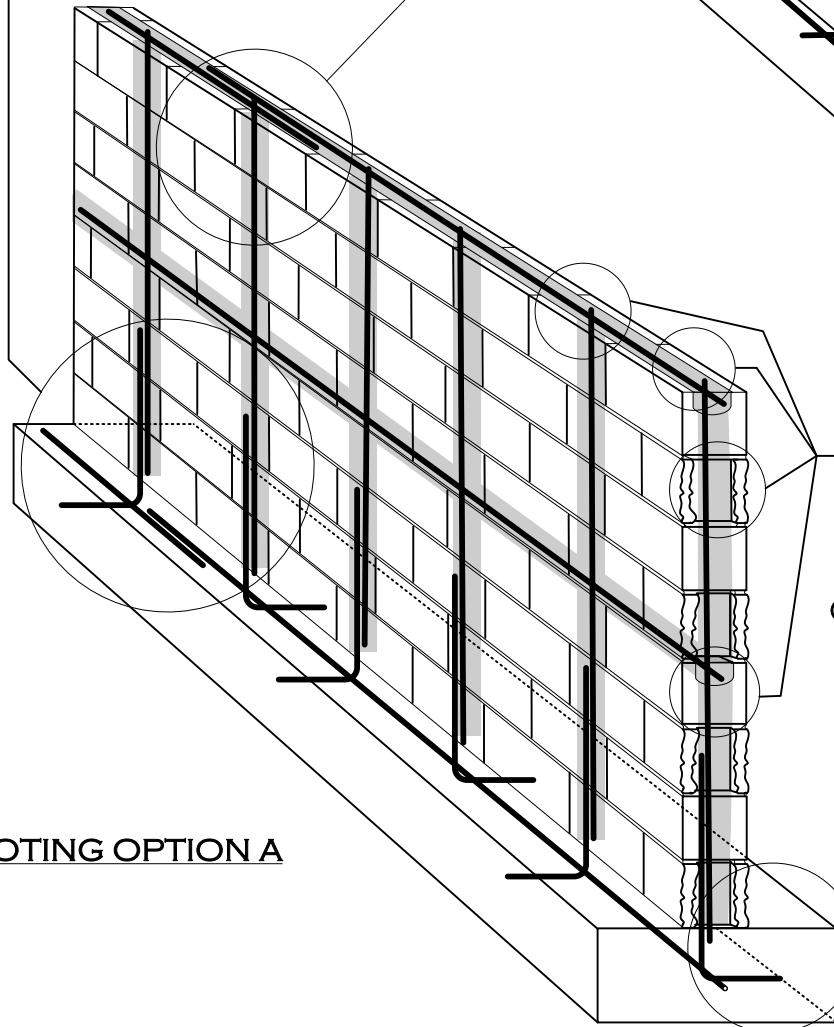
FOOTING OPTION B

(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:

THIS WALL STANDARD DESIGN REQUIRES THAT THE FOOTING SHALL BE SUPPORTED BY FIRM UNDISTURBED NATURAL SOIL. FILL SOILS OR OTHER QUESTIONABLE SOILS MAY REQUIRE ADDITIONAL ENGINEERING TO BE SUBMITTED, REVIEWED AND APPROVED BY THE BUILDING DEPARTMENT.

ALLOWABLE SOIL BEARING (PSF) = 1500



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