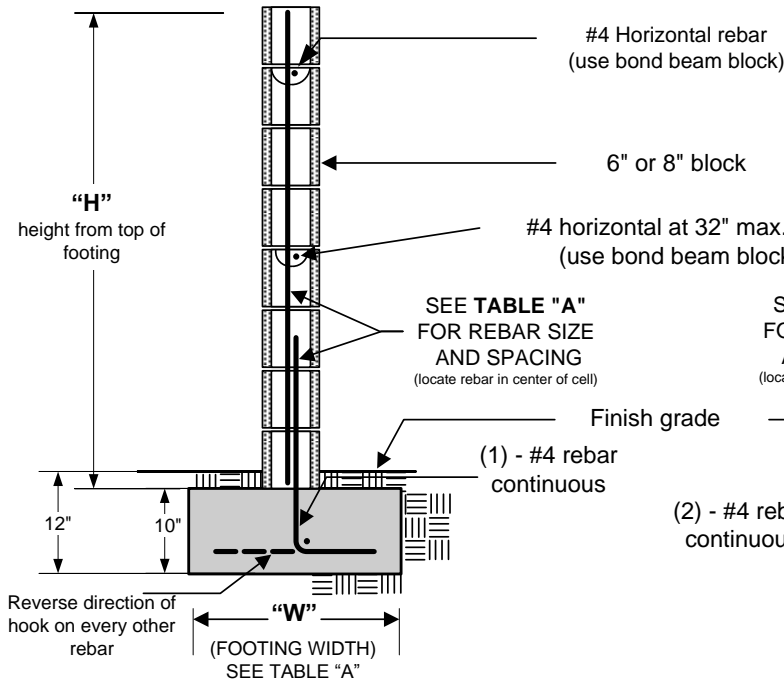
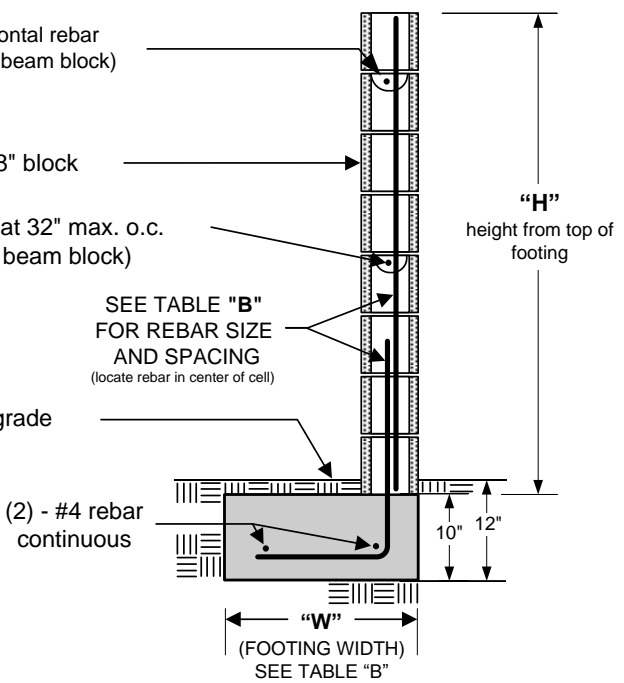


Freestanding & Block Pilaster

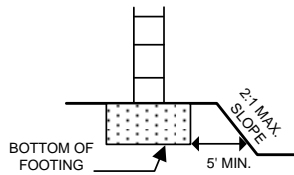
FOOTING OPTION "A"



FOOTING OPTION "B"



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.

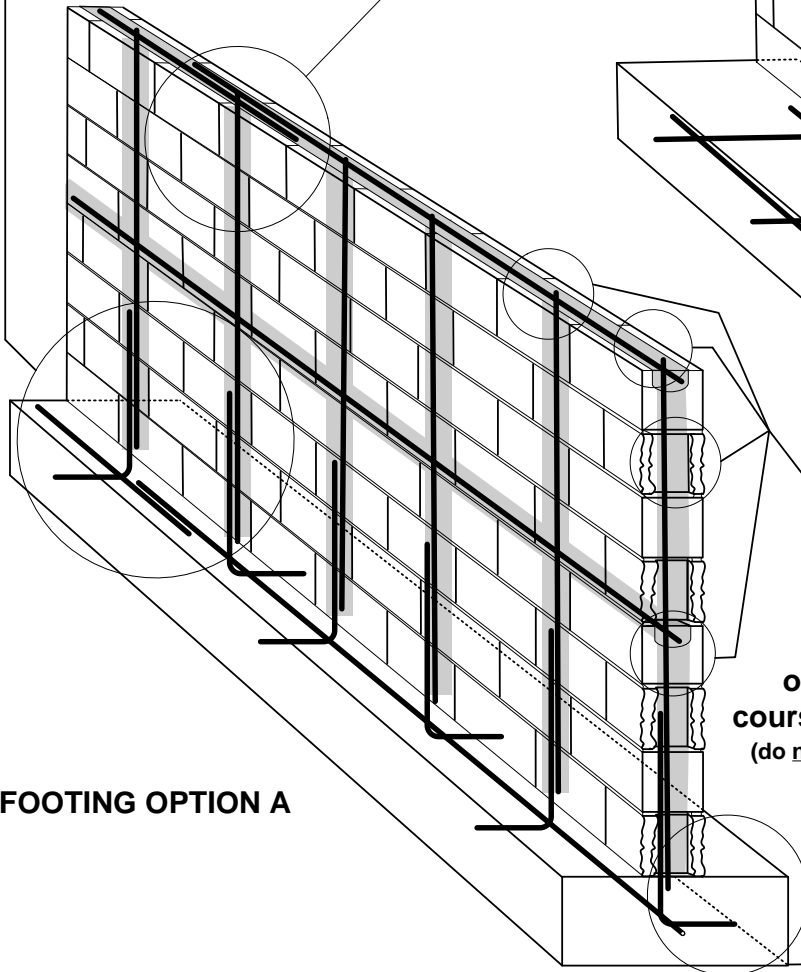
Western Riverside County Code Uniformity Program			
	City of Temecula		
	Freestanding Block Wall		
951-694-6439	41000 Main Street. Temecula, CA 92590		
Fax 951-694-6478	03/01/2014	Free Standing Block Wall	PAGE 1 OF 3

REBAR PLACEMENT

ILLUSTRATION

(TYPICAL)

→ All rebar splices 24" min. overlap

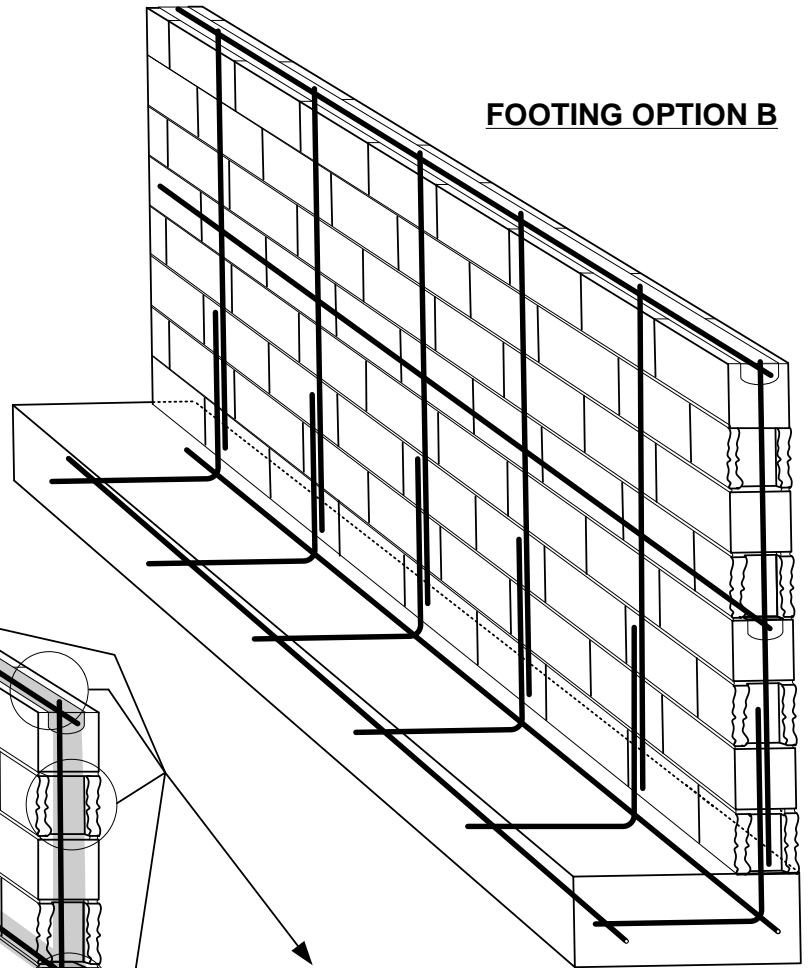


FOOTING OPTION A

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'

FOOTING OPTION B



(TYPICAL)

only cells and bond beam courses with rebar to be grouted
 (do not solid grout entire wall - use grout stop mesh as appropriate)

TOP BOND BEAM TO BE IN SECOND FROM THE TOP COURSE OR INVERT TOP BLOCK

(TYPICAL)

All rebar shall have a minimum of 3" concrete cover at footings

Western Riverside County Code Uniformity Program



City of Temecula

Freestanding Block Wall

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41000 Main Street
Temecula, CA 92590

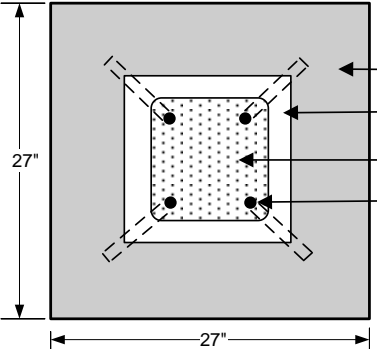
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Free Standing Block Wall

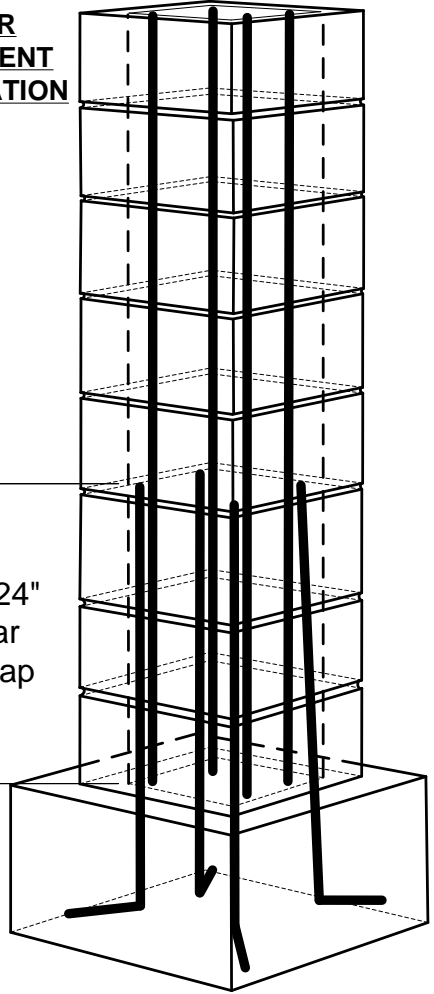
PAGE 2 OF 3

Freestanding & Block Pilaster



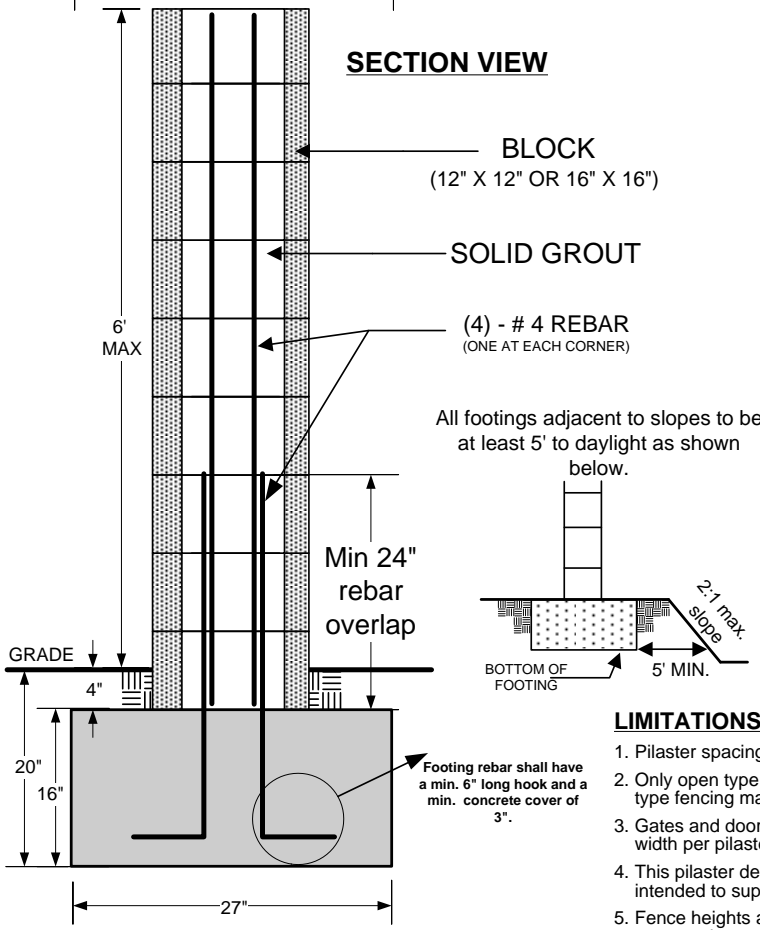
TOP VIEW

- FOOTING
- BLOCK
- GROUT
- STEEL REBAR



REBAR PLACEMENT ILLUSTRATION

Min. 24" rebar overlap



SECTION VIEW

- BLOCK (12" X 12" OR 16" X 16")
- SOLID GROUT
- (4) - # 4 REBAR (ONE AT EACH CORNER)

All footings adjacent to slopes to be at least 5' to daylight as shown below.

Min 24" rebar overlap

FOOTING REBAR DETAIL: 2:1 max. slope, 5' MIN. width, BOTTOM OF FOOTING

LIMITATIONS:

- Pilaster spacing shall not exceed 20 ft. when other infill fencing is attached.
- Only open type fencing (such as wrought iron) may be attached to pilasters. Solid type fencing may **not** be attached to pilaster.
- Gates and doors attached to pilaster are limited to 200# max. weight and 4 ft. max. width per pilaster.
- This pilaster design is intended to be used **ONLY** as a fencing feature and is not intended to support any other loads .
- Fence heights are regulated – consult zoning regulations before beginning construction.
- Installation of electric circuits, conduits, or lighting fixtures require electrical permits and inspection.
- Footings to be placed in undisturbed soil or properly compacted and engineered fill.
- For design parameters, see freestanding block wall standard.

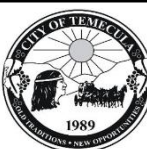
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When a building permit is required, the following inspections are also required:

- FOOTING;** Excavation trench clean with steel in place and supported 3" above and away from the surrounding the earth/dirt.
- REBAR/PRE-GROUT;** vertical rebar in place - inspection prior to placing grout.
- FINAL;** After grout is placed - prior to any decorative cap placement.

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Western Riverside County Code Uniformity Program

	<h2 style="margin: 0;">City of Temecula</h2> <h2 style="margin: 0;">Masonry Pilaster</h2>
<p>951-694-6439</p>	<p>41000 Main Street Temecula, CA 92590</p>
<p>Fax 951-694-6478</p>	<p>03/01/2014</p>
<p>Masonry Pilaster</p>	<p>PAGE 3 OF 3</p>