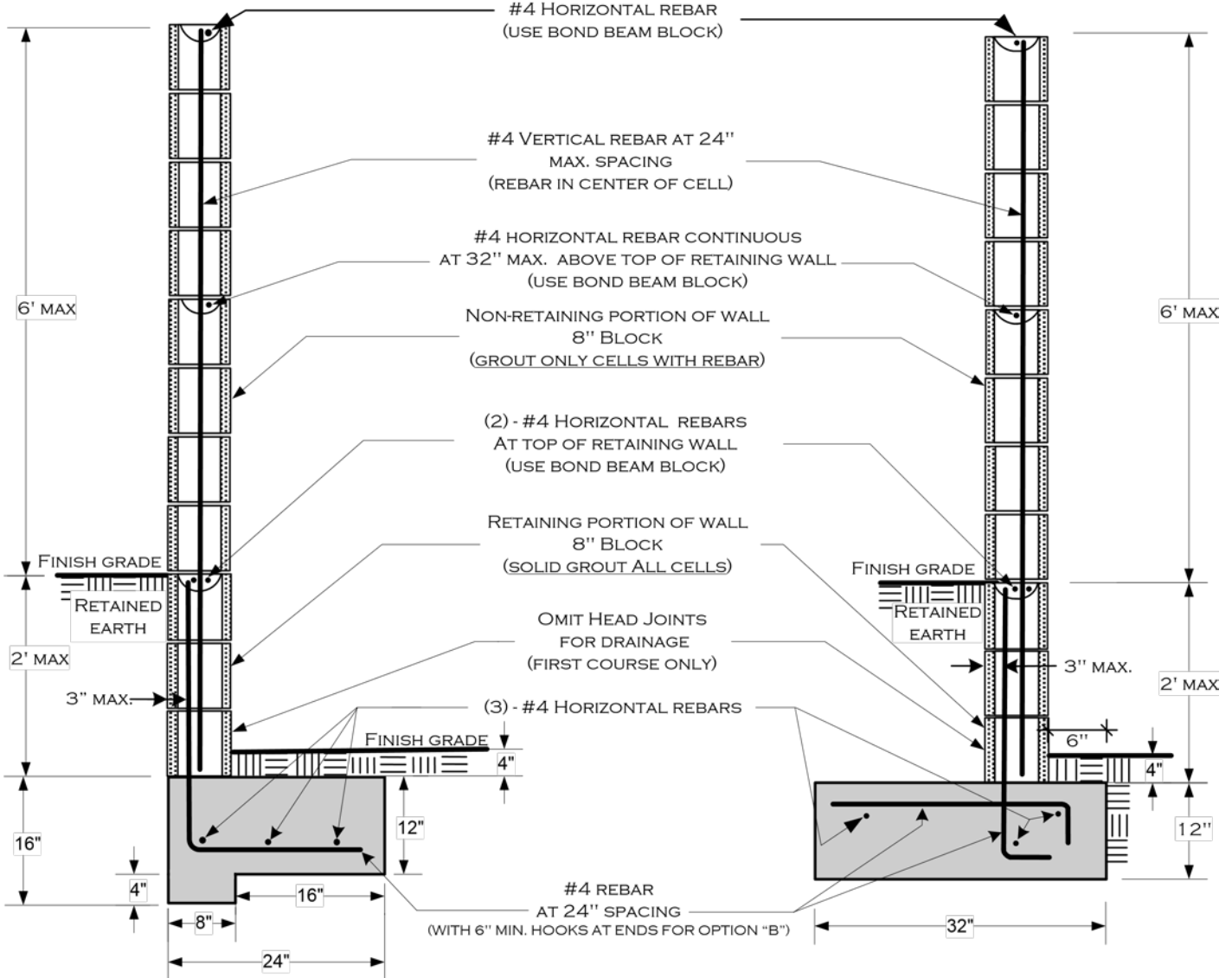


**FOOTING OPTION "A"**

**FOOTING OPTION "B"**



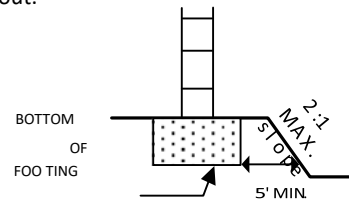
the following inspections are required:

- 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.

**NOTES:**

- 1) fence heights are regulated – consult zoning regulations before beginning construction.
- 2) no water course or natural drainage s obstructed.
- 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) not designed for surcharge loads from vehicles or structures.

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



\*SEE PAGE 2 FOR ADDITIONAL INFORMATION\*

**City of Perris**

**Building Department**

**Block Wall  
Atop 2' Retaining Wall**

(951) 943-5003

135 N 'D' St. Perris, CA 92570

01/01/2017

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**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.

# REBAR PLACEMENT ILLUSTRATION

(SEE PAGE 1 FOR SPECIFIC REQUIREMENTS)

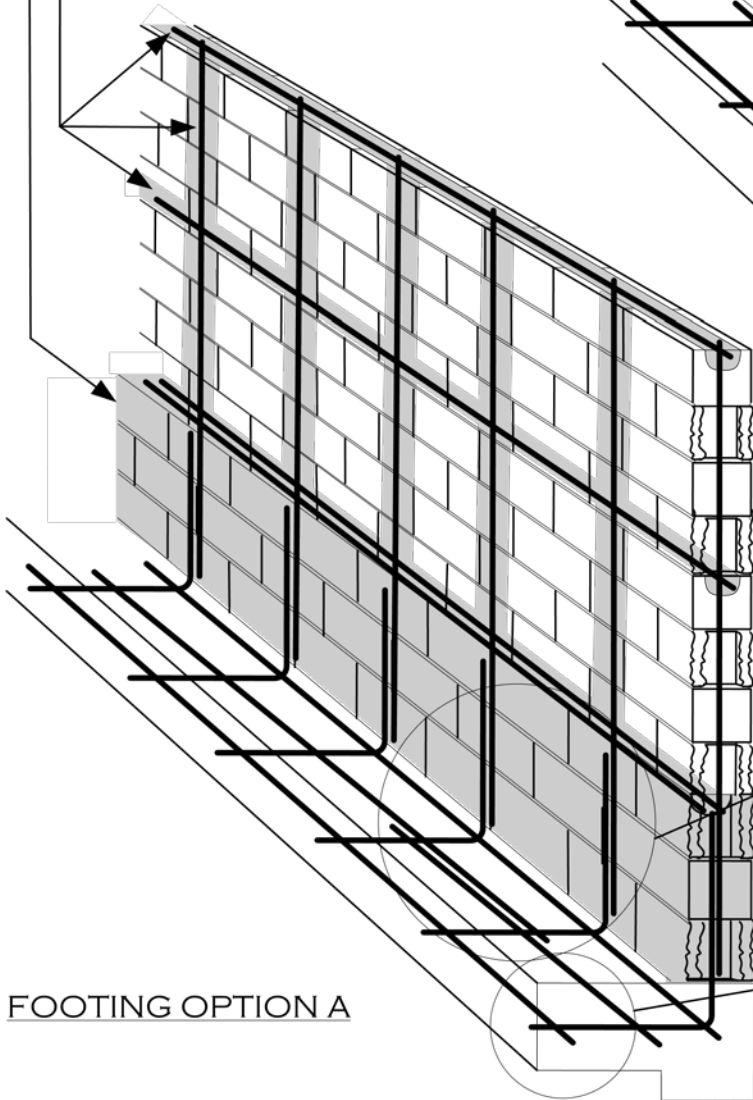
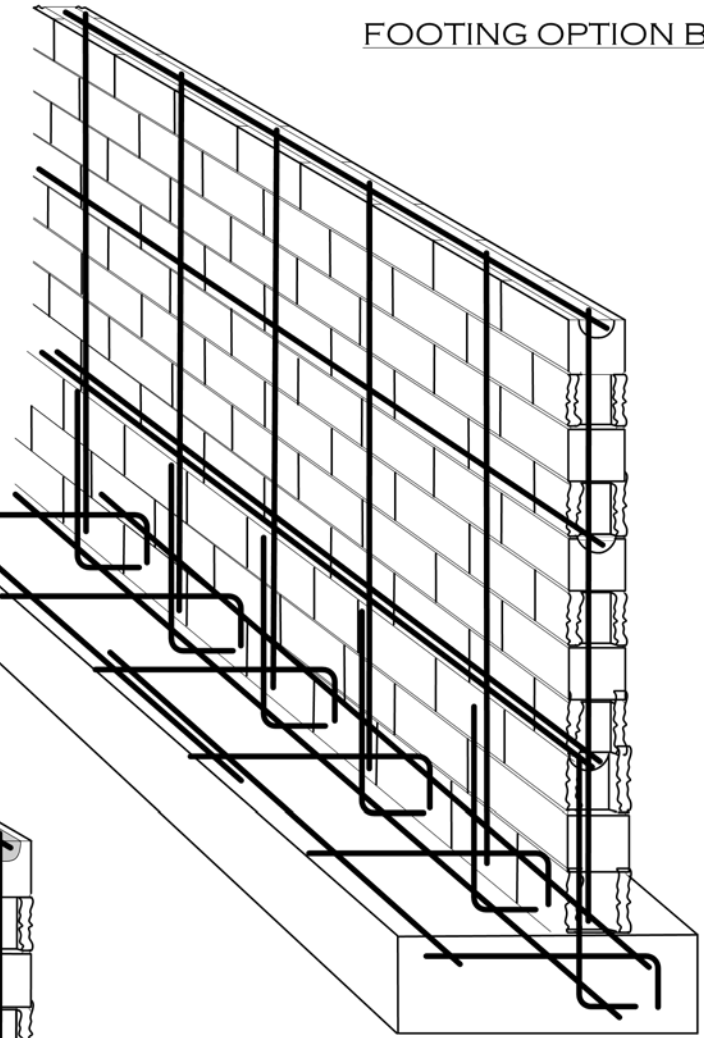
FOOTING OPTION B

(TYPICAL)

FOR THE RETAINING PORTION OF WALL  
ALL CELLS TO BE GROUTED

(TYPICAL)

FOR NON-RETAINING PORTION OF WALL  
ONLY CELLS AND BOND BEAM COURSES  
WITH REBAR TO BE GROUTED  
(USE GROUT STOP MESH AS APPROPRIATE)



FOOTING OPTION A

(TYPICAL)

ALL REBAR SPLICES  
24" MIN. OVERLAP

(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 = 80 MPH, EXPOSURE C  
 SEISMIC:  
 Na=1.3, Nv=1.6, Z=0.4, SOIL PROFILE=SD

Western Riverside County Code Uniformity Program



County of Riverside City of Riverside  
Building Department

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