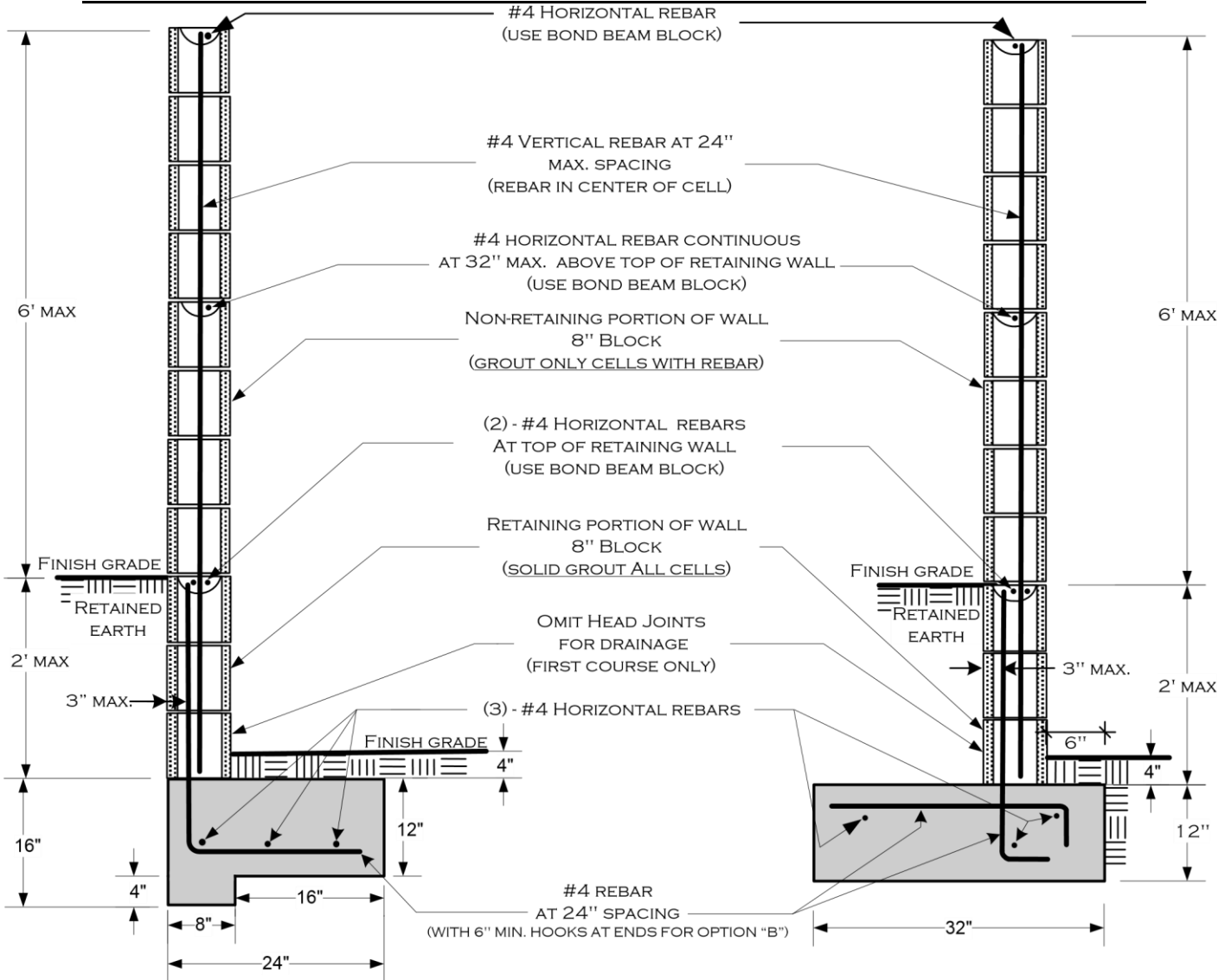


FOOTING OPTION "A"

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.

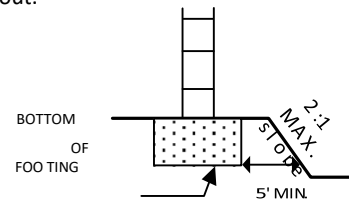
NOTES:

- 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.

DISCLAIMER: 2019 CALIFORNIA CODES

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.

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	
01/01/2020		Pg. 1 OF 2	



REBAR PLACEMENT ILLUSTRATION

(SEE PAGE 1 FOR SPECIFIC REQUIREMENTS)

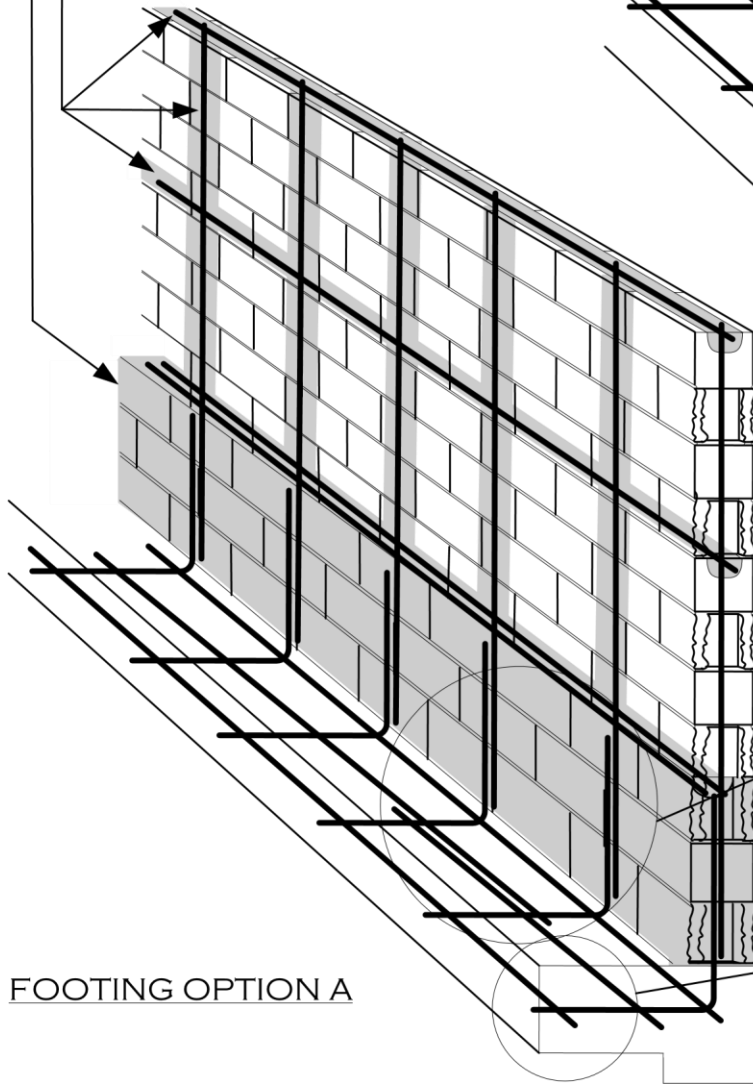
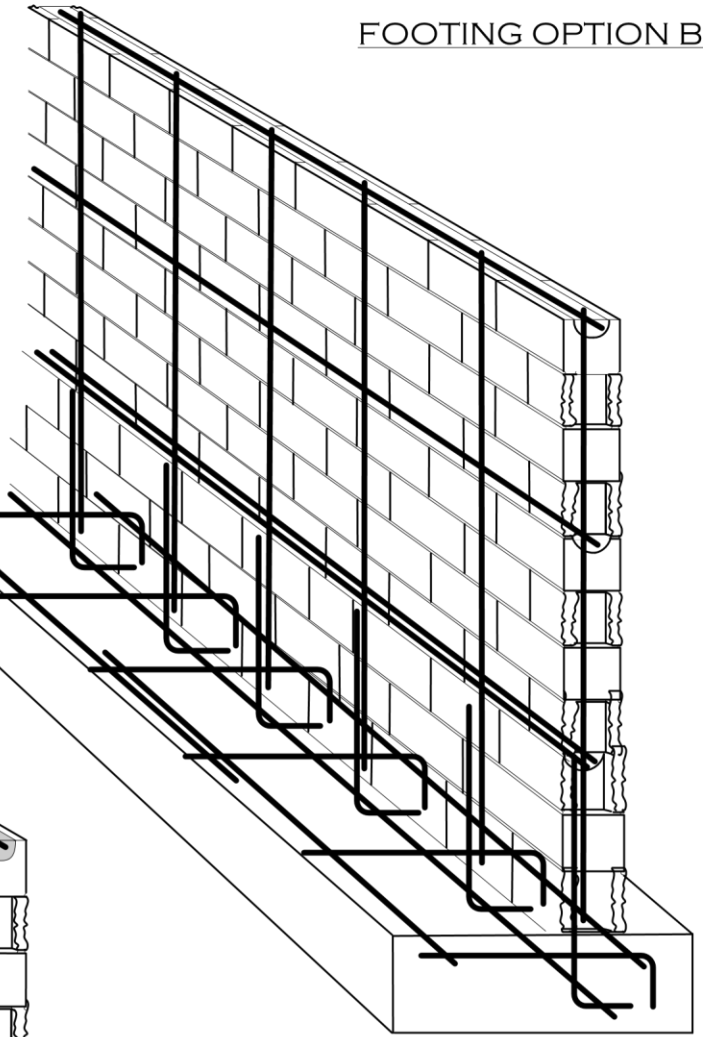
FOOTING OPTION B

(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



City of Perris
Building Department

Block Wall
Atop 2' Retaining Wall

(951) 943-5003

135 N'D' St. Perris CA 92570

2019 CA. CODES

01/01/2020

Pg. 2 of 2

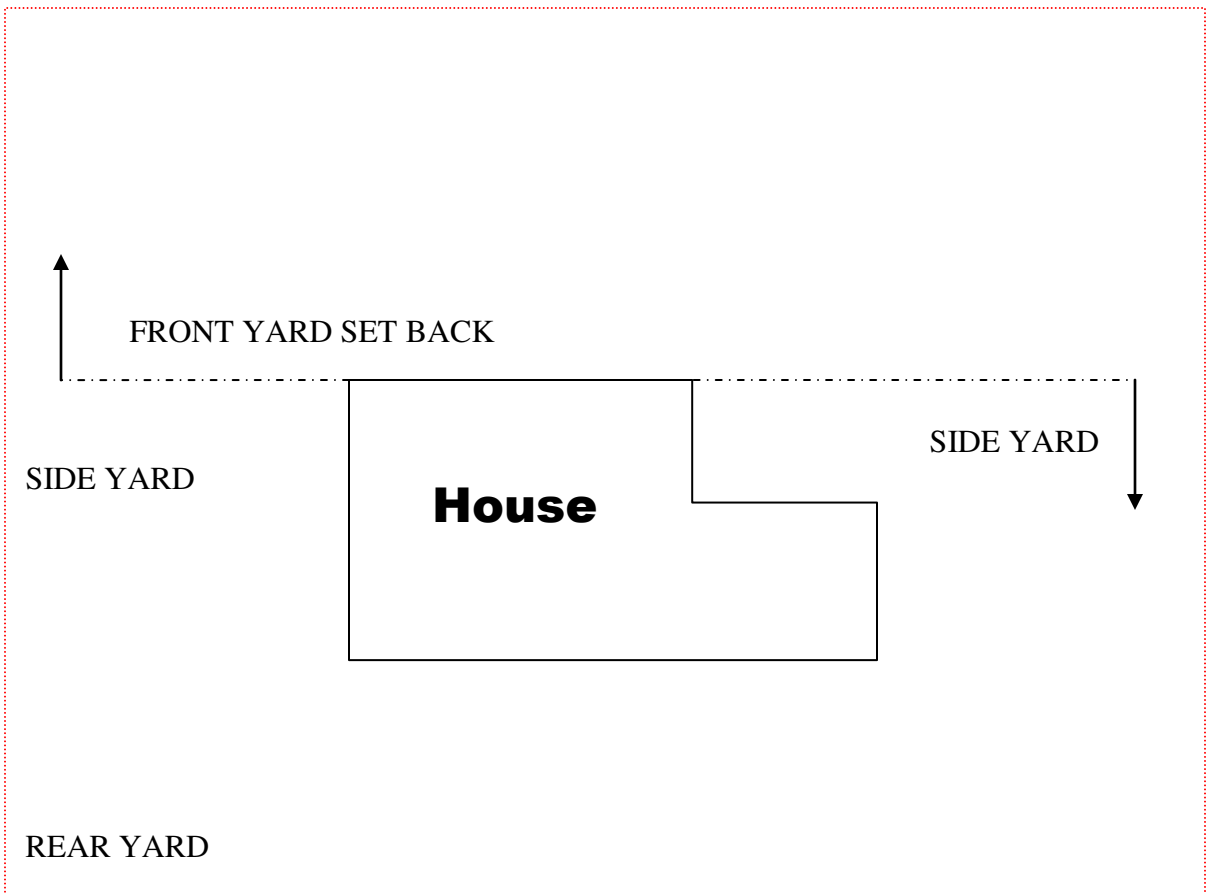


CITY OF PERRIS

DEVELOPMENT SERVICES DEPARTMENT
135 N "D" Street, Perris, CA 92570-2200
TEL: (951) 943-5003 FAX: (951) 943-3293

Office Use Only:
Zoning: _____
Lot Size: _____
Lot Coverage: _____

Block wall Site Plan **EXAMPLE**



Applicant: _____

Address:

Perris CA

CITY OF PERRIS ENGINEERING FRONT YARD SETBACKS:

