

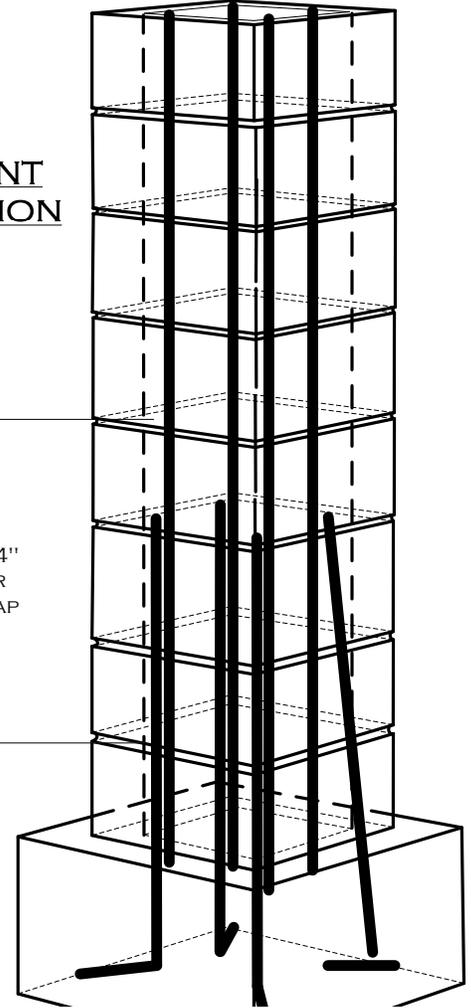
TOP VIEW

FOOTING
BLOCK
GROUT
STEEL REBAR

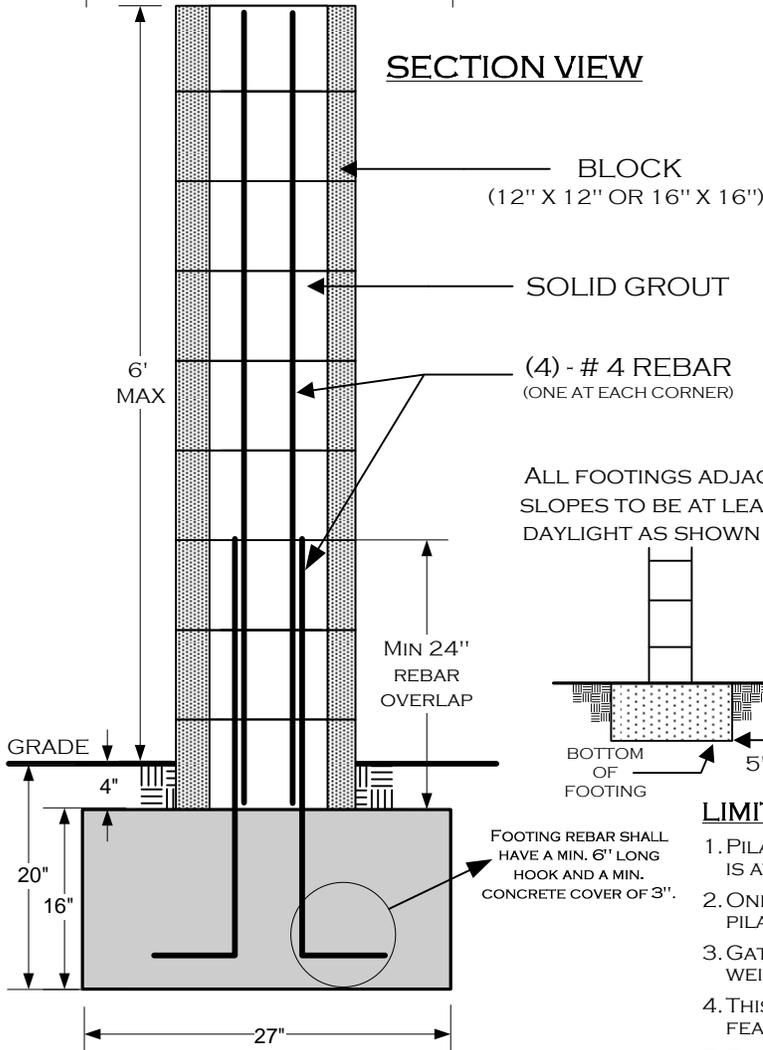
DESIGN PARAMETERS:

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

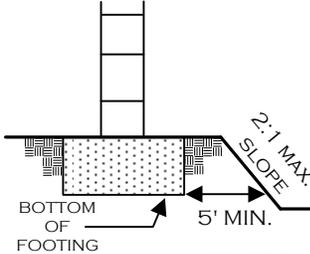
**REBAR
PLACEMENT
ILLUSTRATION**



SECTION VIEW



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



LIMITATIONS:

1. PILASTER SPACING SHALL NOT EXCEED 20 FT. WHEN OTHER INFILL FENCING IS ATTACHED.
2. ONLY OPEN TYPE FENCING (SUCH AS WROUGHT IRON) MAY BE ATTACHED TO PILASTERS. SOLID TYPE FENCING MAY **NOT** BE ATTACHED TO PILASTER.
3. GATES AND DOORS ATTACHED TO PILASTER ARE LIMITED TO 200# MAX. WEIGHT AND 4 FT. MAX. WIDTH PER PILASTER.
4. THIS PILASTER DESIGN IS INTENDED TO BE USED **ONLY** AS A FENCING FEATURE AND IS NOT INTENDED TO SUPPORT ANY OTHER LOADS.
5. FENCE HEIGHTS ARE REGULATED — CONSULT ZONING REGULATIONS BEFORE BEGINNING CONSTRUCTION.
6. INSTALLATION OF ELECTRIC CIRCUITS, CONDUITS, OR LIGHTING FIXTURES REQUIRE ELECTRICAL PERMITS AND INSPECTION.
7. FOOTINGS TO BE PLACED IN UNDISTURBED SOIL OR PROPERLY COMPACTED AND ENGINEERED FILL.
8. FOR DESIGN PARAMETERS, SEE FREESTANDING BLOCK WALL STANDARD.

CHECK WITH THE BUILDING DEPARTMENT TO VERIFY IF A BUILDING PERMIT IS REQUIRED.

WHEN A BUILDING PERMIT IS REQUIRED, THE FOLLOWING INSPECTIONS ARE ALSO REQUIRED:

- 1) **FOOTING**; EXCAVATION TRENCH CLEAN WITH STEEL IN PLACE AND SUPPORTED 3" ABOVE AND AWAY FROM THE SURROUNDING THE EARTH/DIRT.
- 2) **REBAR/PRE-GROUT**; 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 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.

COUNTY CODE UNIFORMITY PROGRAM



**CITY OF RANCHO
CUCAMONGA**

MASONRY PILASTER

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