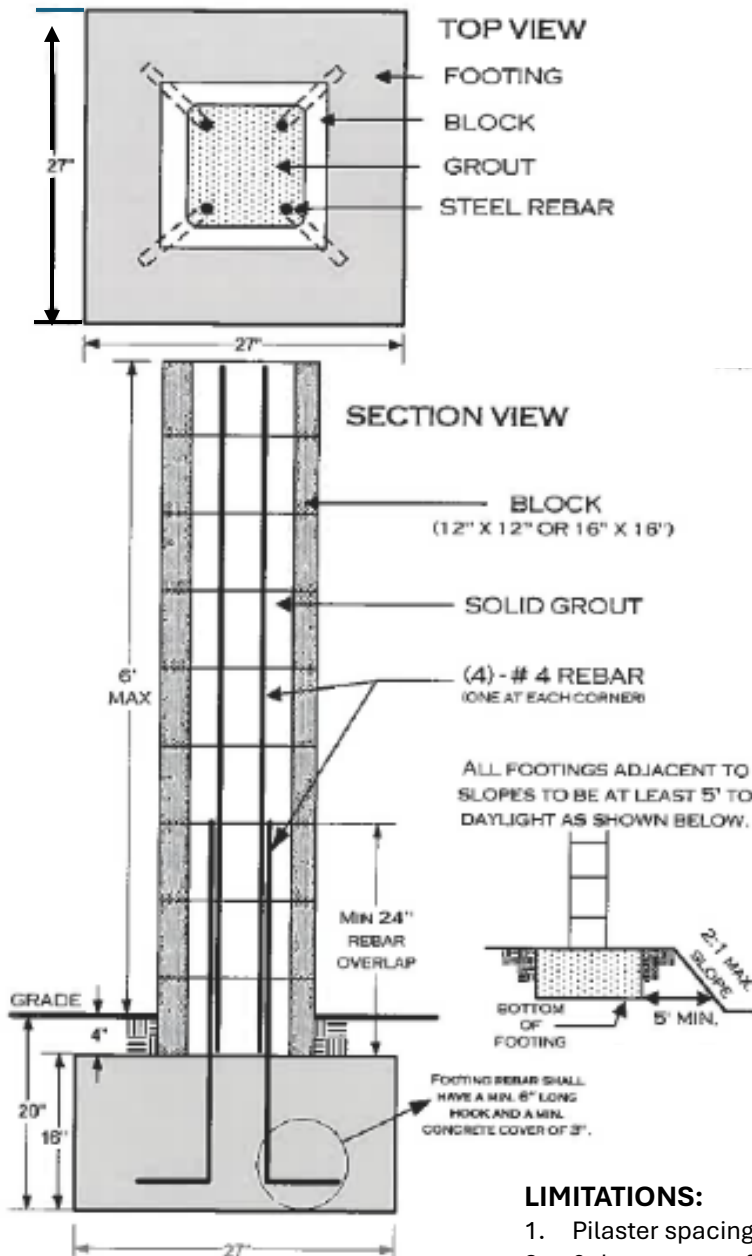




PILASTER

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	



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 15 not intended to support any other loads.
5. Required inspections 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.

REQUIRED INSPECTIONS

1. **FOOTING:** Steel in place and supported on 3" above and away from the surrounding earth.
2. **REBAR/PRE-GROUT:** Vertical steel in place prior grouting.
3. **GROUT:** After grout is placed and prior to cap.
4. **FINAL:** After work is complete