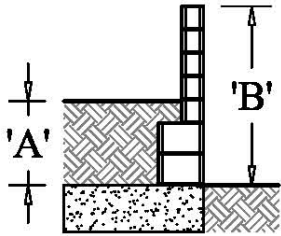


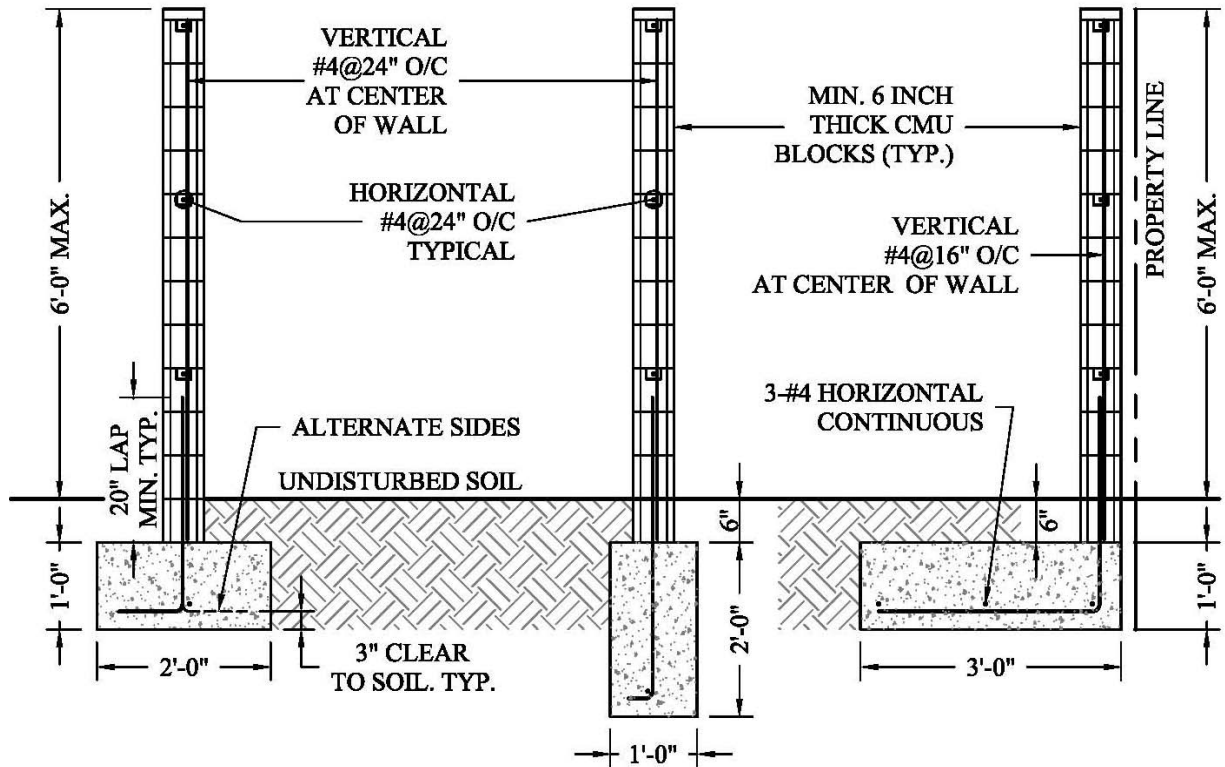


BLOCK WALL FENCE, 6'-0" HIGH MAXIMUM

A permit, inspection and engineering is required for fence walls **over 6'-0"** high and for retaining walls **over 30"** measured from the top of the footing to the top of the retained soil surface. Contact the Planning Department, (Rm. # 208, ph.# (626) 939-8422) for zoning, setback, and height restrictions.



- (A) If retained height (A) is 30" or less, and the wall does not support any surcharge (adjacent footings, slopes or vehicle loads within 4'-0" measured horizontally), then no permit is required. If the retained height (A) exceeds 30" or supports any surcharge condition, then engineering calculations, details, site plan and a permit is required.
- (B) If the total height (B) exceeds 6'-0", then engineering calculations, details, site plan and a permit is required.



General Notes and Specifications

- 1) Concrete for footing to be 1 part Portland cement to 2-1/2 parts sand to 3-1/2 parts pea gravel with a maximum of 7-1/2 gallons water per sack of cement. Concrete strength to be a min. 2000 psi at 28 days.
- 2) Concrete Masonry Units (CMU) shall conform to CBC Standard 24-6 and shall be staggered (running bond).
- 3) Reinforcing steel shall be deformed, conform to ASTM standards, and be at least grade 40. Reinforcing shall be secured in place prior to grouting.
- 4) All horizontal and vertical block cells and spaces containing reinforcing steel shall be fully grouted.
- 5) Mortar mix shall be 1 part cement to 1/2 part lime to 4-1/2 parts loose, damp sand.
- 6) Grout mix for concrete block wall to be 1 part cement to 3 parts sand and no more than 1/10 part lime. Sufficient water shall be added to produce consistency for pouring without segregation of the constituents. The grout may contain 2 parts pea gravel, maximum size 3/8".
- 7) Grout shall be consolidated by mechanical vibration.
- 8) Foundation depth and width is measured into undisturbed natural soil.