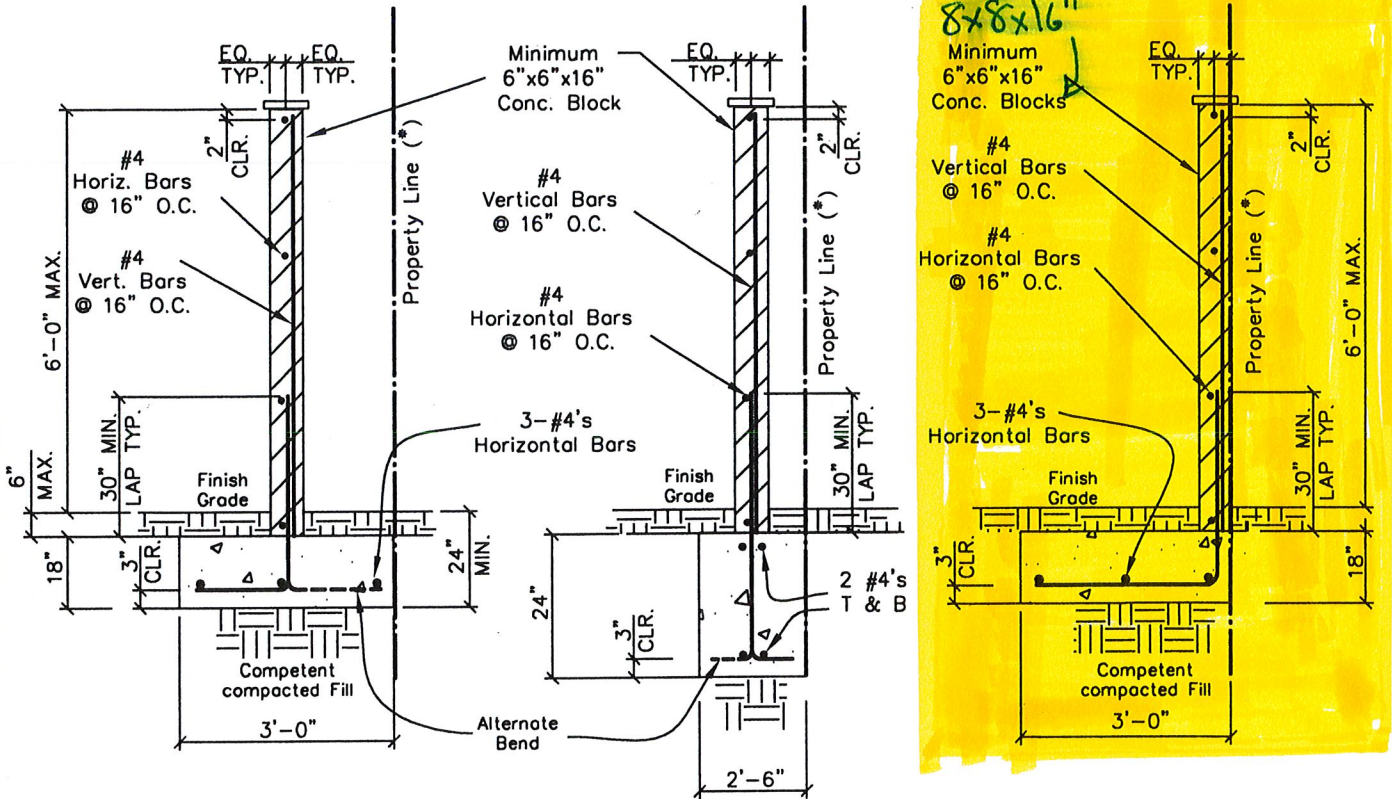


6'-0" MAX. HEIGHT MASONRY CONCRETE BLOCK WALL.

Scale: Not To Scale



GENERAL SPECIFICATIONS & NOTES

* WALLS CONSTRUCTED ADJACENT TO PROPERTY LINES REQUIRE A PROPERTY LINE SURVEY BY A LICENSED SURVEYOR.

- Footing:**
1. Concrete mix for footing shall conform to A.C.I. 318-05 with min. compressive strength of 2500 psi.
 2. Cement shall be Type-II portland cement conforming to A.S.T.M. C150.
 3. Foundations must be poured against undisturbed soil with no appreciable sloughing of side walls.
 4. Foundations shall not extend above grade level.

- Reinforcing:**
1. Reinforcing Steel shall conform to A.S.T.M. A615 grade 60.
 2. Lap splice min. 30"

- Concrete Masonry Blocks:**
1. Masonry units shall conform to A.S.T.M. C90 Grade N, with compressive strength $f_c=1500$ psi.
 2. Masonry Units shall be stacked using staggered joints (running bond).
 3. Mortar shall be type S and conform to A.S.T.M. C270, with min. compressive strength of 1800 psi.
 4. All cells shall be vertically continuous and unobstructed.
 5. All cells containing vertical or horizontal reinforcing shall be solid grouted.

- Mortar :**
1. Type S mortar mix shall be 1 part portland cement to ½ part hydrated lime and 4½ parts sand by volume.
 2. If mortar is to be colored, inert coloring pigments may be used, but not to exceed by 6% weight of cement.
 3. Sand for mortar shall conform to A.S.T.M. C144
 4. Aggregate for mortar shall conform to A.S.T.M. C144.
 5. Hydrated lime shall conform to A.S.T.M. C207.

- Grout:**
1. Grout mix shall conform to A.S.T.M. C476 with minimum strength of 2000 psi.
 2. Grout mix shall be proportioned by volume of 1 part portland cement, and 3 parts sand.
 3. Aggregate for grout shall conform to A.S.T.M. C404.

Inspection:

First inspection to be after footing trenches are ready for concrete and all required reinforcement is tied in place and the excavation is free of debris.
Second inspection is when first horizontal bar is in place with vertical steel tied thereto, but not grouted.

NOTE:

Filling BMOD will not be required if above procedures are followed.