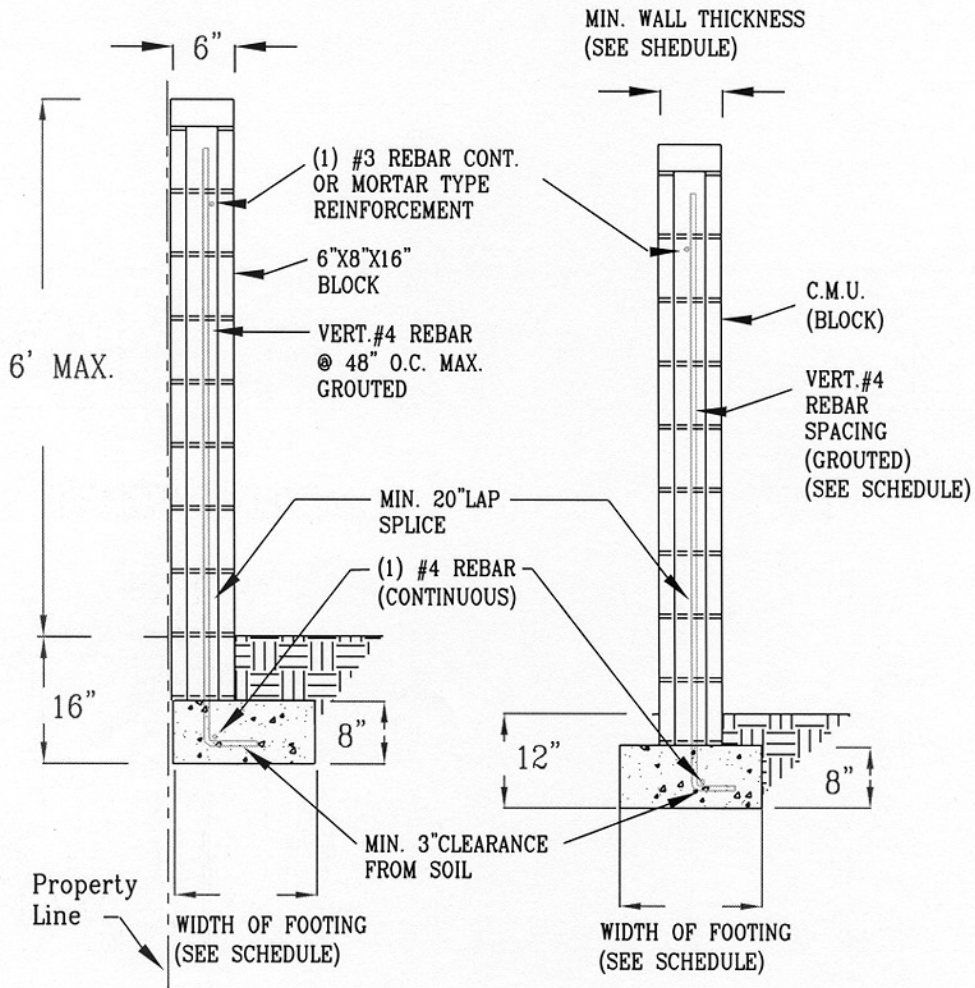
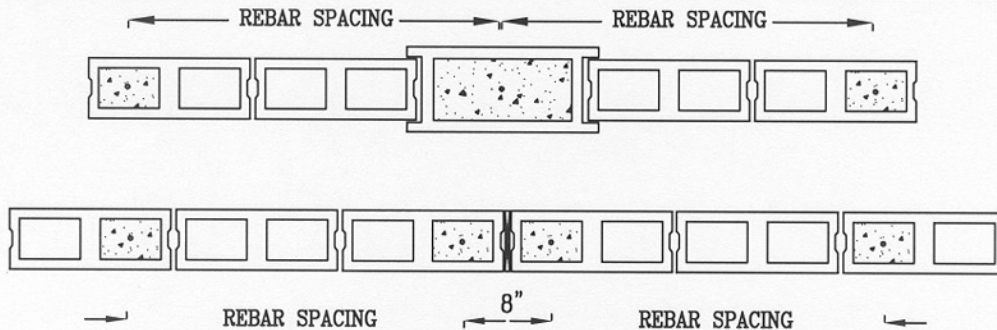


ECCENTRIC FOOTING

REGULAR FOOTING



WALL HEIGHT MAX	4'	5'	6'	7'	8'
WALL THICKNESS MIN.	6"	6"	6"	8"	8"
REBAR SPACING MAX.	48"	48"	48"	32"	32"
WIDTH OF FOOTING MIN.	12"	14"	16"	20"	22"



Expansion Joint Information

Expansion joints are recommended from 30' to 50' intervals, plans for intervals greater than 100 ft. shall be accompanied by engineering calcs.

INSPECTIONS REQUIRED

1. Footing Inspection - prior to placing concrete
2. Wall Steel inspection - prior to grouting
3. Final Inspection - when complete

FOR ADDING COURSES
 TO AN EXISTING BLOCK WALL

1. #4 Rebar drilled into existing grouted cells, 5" min. @ 48" o.c.
2. Run #3 horizontal between new courses and existing.
3. Solid grout all new cells.
4. Use approved epoxy mix.
5. New height of wall shall not effect the structural integrity of the existing block and foundation.

NOTE: This requirement is utilized by the City of North Las Vegas Only.

A GOOD CONCRETE MIXTURE for footings is by volume: 1 part portland cement, 2.75 parts sand, 4 parts gravel not larger than 1.5 inches and just enough water to make the mixture "mushy" and workable, but not "soupy". The moisture content should not have more than 7.5 gal. per sack of cement for this mix. Where salts are present in the soil, Type V cement is required.

A GOOD MORTAR MIXTURE should be in proportions of 1 part portland cement, 1/3 part lime (hydrated) and 3 parts sand. The water content should be according to absorption and suction ability, formulated to assure normal flow and spreading with a trowel.

A GOOD GROUT MIXTURE should be composed by volume of 1 part portland cement, 2 parts sand and 1 part pea gravel. Sufficient water shall be added to produce consistency for pouring without segregation.

UNSUPPORTED ENDS OF WALLS shall terminate in a reinforced pilaster column or the end cell shall be reinforced and grouted solid.

THIS WALL has been designed to be supported by soil that develops 1500 psf bearing capacity. Where a location has soil which cannot support this design or has special soil conditions, this design cannot be used. CONTACT YOUR LOCAL BUILDING DEPARTMENT.