

**CITY OF CYPRESS
DEPARTMENT OF BUILDING AND SAFETY
MINIMUM REQUIREMENTS FOR 6" BLOCK WALL**

WALL HEIGHT	VERTICAL STEEL	HORIZONTAL STEEL	W FOUND. WIDTH	D FOUND. DEPTH
3'-0"	#3 @ 48" O.C.	TOP AND BOTTOM	10"	12"
5'-0"	#3 @ 32" O.C.	OF WALL AND BOTTOM	12"	16"
6'-0"	#4 @ 32" O.C.	OF FOUNDATION	12"	20"
7'-0"	#4 @ 24" O.C.	SIZE PER VERTICAL STEEL	18"	24"

SPECIFICATIONS:

CONCRETE - 2000 PSI in 28 DAYS

BLOCK - Grade N, ASTM C-90 (Std. 24-4)

REINFORCING - ASTM A615, Grade 40 (Std. 26-4)

MORTAR - 1 : 1/2 : 4&1/2 Mix (Cement, Lime, Sand by vol.)
Plastic Consistency - 1800 PSI (Std. 24-20)

GROUT - 1 : 1/10 : 3 Mix (Cement, Lime, Sand by vol.)
Fluid Consistency (Std. 24-24). Pea gravel may be added, equal to twice the volume of cement.

Field Test mortar and grout per Std. 24-22.

Water/Cement ratios 7.5 Gal./Sack

NOTES:

1. All cells containing reinforcing shall be grouted solid.
(vertical & horizontal steel)
2. Foundations not required to extend above ground level.
3. Block fence may be placed to either edge of foundation.
4. First inspection to be after trenches are ready for concrete and all required steel is tied in place. Second inspection to be when all blocks are in place, with vertical and horizontal steel, **BUT NOT GROUTED.**
5. Foundation must be poured against undisturbed soil with no appreciable slope of side walls.
6. Fences at PARKING AREAS shall have a minimum #4 @ 32" O.C. vertical steel, with all cells filled.
7. This wall is not to be used as a retaining wall.

