

MASONRY FENCE WALL

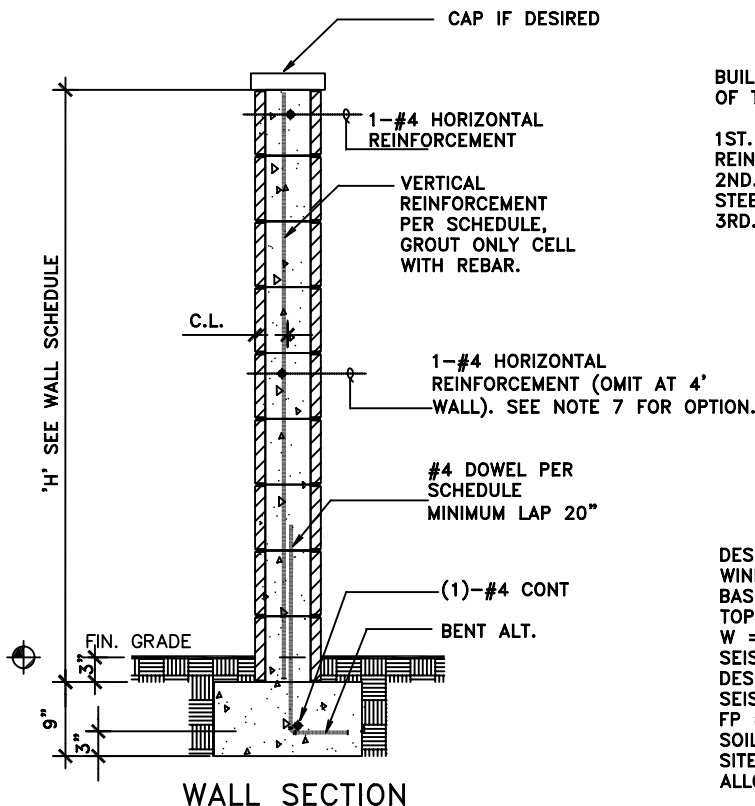
B-103-1

04-13-04

GENERAL NOTES:

MASONRY FENCE WALL CONSTRUCTION

1. ALL WORK SHALL CONFORM TO THE INTERNATIONAL BUILDING CODE 2000 EDITION WITH SNBC AMENDMENT.
2. CONCRETE BLOCK MASONRY SHALL COMPLY WITH THE FOLLOWING:
 - A. CONCRETE MASONRY SHALL CONFORM TO ASTM C 55 or C 90
 - B. MORTAR: TYPE M OR TYPE S, 1900 PSI
 - C. GROUT CONFORMS TO ASTM C 476, MINIMUM 2000 PSI.
3. THE ULTIMATE COMPRESSIVE STRENGTH REQUIRED FOR FOUNDATION CONCRETE SHALL BE OF 4500 PSI. (EXPOSED TO SULFATE CONTAINING SOILS)
4. ALL REINFORCING STEEL SHALL BE INTERMEDIATE GRADE ASTM A615-40
5. NO WATER COURSE OR NATURAL DRAINAGE SHALL BE OBSTRUCTED.
6. SITE PLAN SHALL BE SUBMITTED FOR REVIEW BEFORE THE BUILDING PERMIT CAN BE ISSUED.
7. HORIZONTAL JOINT REINFORCEMENT 2 OF LONGITUDINAL W1.7 (MW11) WIRES SPACE NOT MORE THAN 16" MAY BE SUBSTITUTE FOR HORIZONTAL REINFORCEMENT.



BUILDING DIVISION INSPECTION SHALL BE OF THE FOLLOWING STEPS:

- 1ST. FOUNDATION TRENCH WITH SECURED REINFORCING STEEL.
- 2ND. BLOCK WALL WITH REINFORCING STEEL BEFORE GROUT.
- 3RD. GROUTED WALL, FINAL.

DESIGN CRITERIA
 WIND LOAD
 BASIC WIND SPEED = 90 MPH, EXPOSURE C
 TOPOGRAPHIC FACTOR = 1.0
 $W = 13.3$ PSF
 SEISMIC LOAD
 DESIGN SPECTRAL RESPONSE $SDS = .65g$
 SEISMIC COEFFICIENTS $R = 3.0$
 $FP = 0.217g$
 SOIL PARAMETER
 SITE CLASS = D
 ALLOWABLE SOIL BEARING PRESSURE = 1500 PSF

WALL SCHEDULE

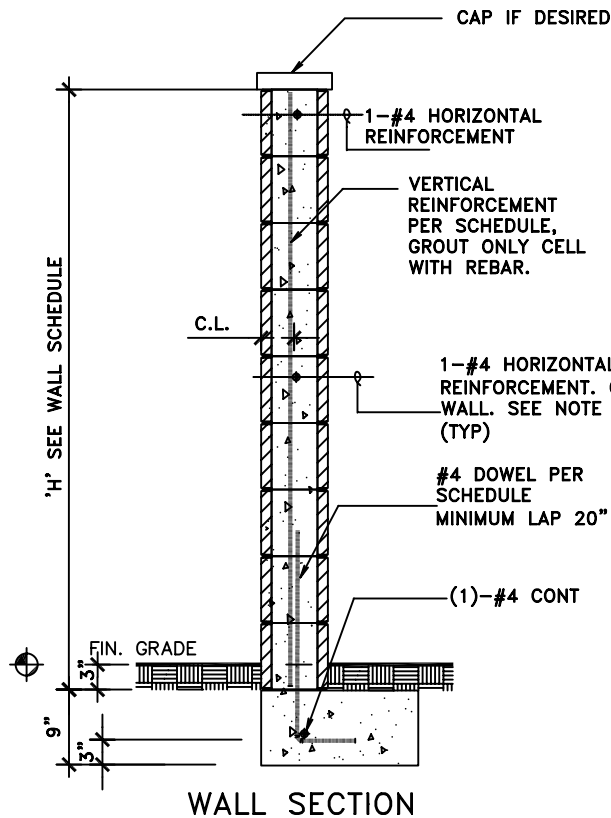
WALL HEIGHT H	4'	6'	8'
WALL THICKNESS	6"	6"	8"
VERTICAL REINFORCEMENT	#4@48" O/C	#4@32" O/C	#4@32" O/C
DOWEL	#4@48" O/C	#4@32" O/C	#4@32" O/C
HORIZONTAL REINFORCEMENT	1-#4 (TOP)	2-#4	2-#4
WIDTH OF FOOTING	1'-4"	1'-8"	2'-1"

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WIDTH OF FOOTING	1'-8"	2'-5"	3'-3"