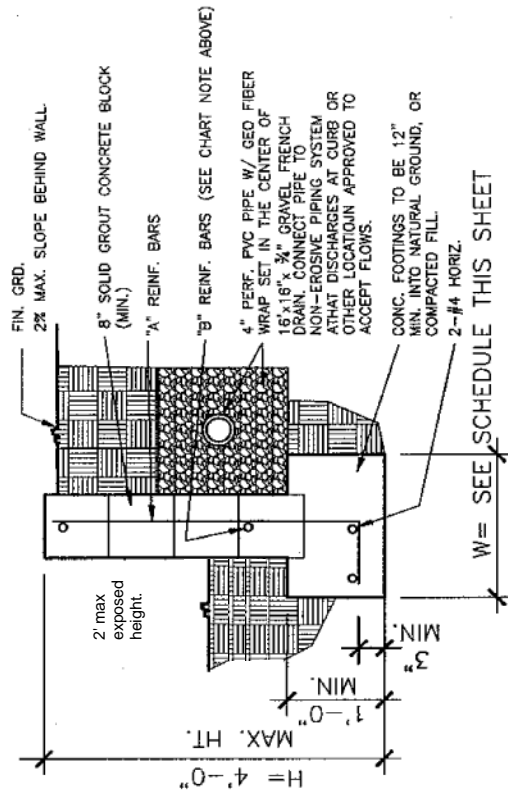




**SEE SHEET 2 FOR ADDITIONAL NOTES (OVER)**

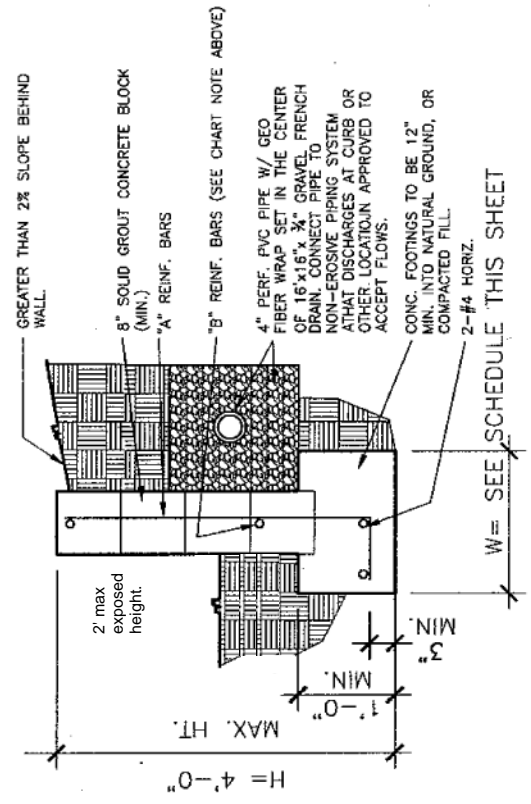
RETAINING WALL SCHEDULE			
H	W	A	B**
3' to 4'-0"	3'-2"	#4 @ 24"O.C.	#4 @ 24"O.C.
4'-0"	3'-6"	#4 @ 24"O.C.	#4 @ 24"O.C.

\*\* 1ST BAR PLACED @ TOP OF FIRST/BOTTOM COURSE



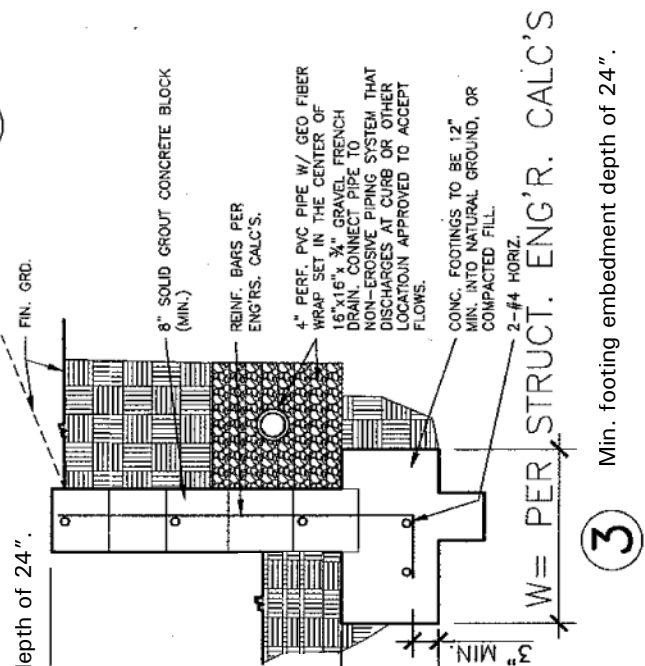
**1**

Min. footing embedment depth of 24".



**2**

Min. footing embedment depth of 24".



**3**

Min. footing embedment depth of 24".



### MASONRY RETAINING WALL *(measured from bottom of footing to top of wall)*

DETAIL:	DETAIL IS APPLICABLE FOR:	PERMIT:	PLAN CHECK:
1	Walls 4' in height or less without surcharge.	NO	NO
2	Walls greater than 3' in height with ascending or descending slopes of more than 2%.	YES	YES
3	Walls greater than 4' in height but less than or equal to 6'. Engineering is required.	YES	YES*

#### NOTES

- Slope setback for wall to meet C.B.C. Section 1808.7.1 (C.R.C. R403.1.7.1) or per soils report (if provided).
- "H" dimensions are from top of wall to bottom of footing.
- Bottom of footing requires min. 5' of earth cover to "daylight" on descending slopes.
- The minimum footing embedment depth shall be 24".
- In absence of a soils report, concrete foundation systems shall conform to:
  - f'c = 4500 psi, w/c ration = 0.45 max, Type V cement.

#### **\*Plan check may require:**

- Site plan with elevation contours or cross sections
- Engineer's calculations and design details with engineer's wet stamp & signature
- Soils report, unless design uses:
  - Max. bearing pressure of 1500 PSF.
  - Min. equivalent fluid pressure 45 PCF (level).
  - Min. 65 PCF (2:1 maximum slope),
  - Max. passive soil pressure 100 PSF/FT
  - Max. 0.25 coefficient of friction for lateral sliding and 130 PSF for resistance force.
  - Min. footing embedment depth of 24".
  - Concrete with a minimum f'c = 4500 psi , w/c ratio = 0.45 max and Type V cement.

#### REQUIRED INSPECTIONS:

- FOOTING:** Excavation trench clean with steel in place and supported 3" above and away from the surrounding earth/dirt.
- REBAR/PRE-GROUT AND DRAINAGE SYSTEM:** Bond beam rebar and vertical rebar in place – inspection prior to placing grout. Drainage system complete.
- FINAL:** After grout is placed and backfill completed – prior to any decorative cap placement.