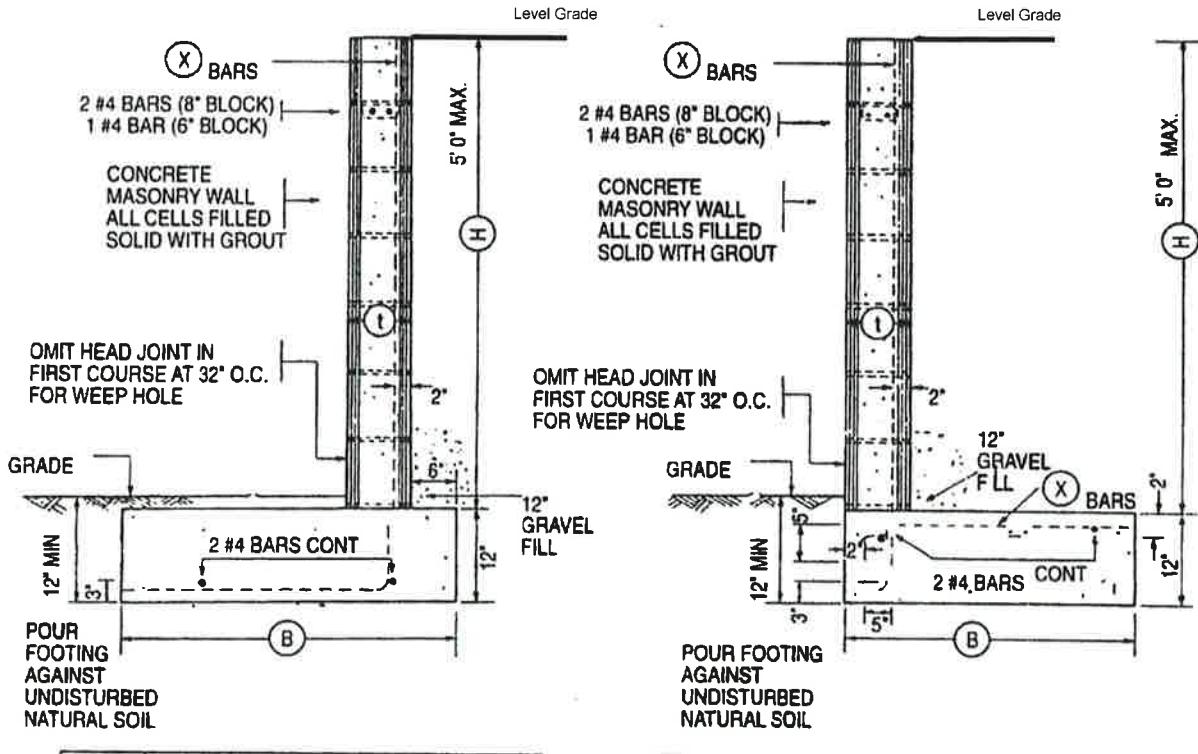


Concrete Masonry Retaining Wall

LEVEL GRADE



H	t	B	X BARS
2'	6"	1'-9"	#3 @ 32" O.C.
3'	6"	2'-3"	#3 @ 24" O.C.
4'	8"	3'-0"	#4 @ 24" O.C.
5'	8"	3'-6"	#5 @ 16" O.C.

Design for Sloping Grade Above Wall

H	t	B	X BARS
2'	6"	2'-0"	#3 @ 32" O.C.
3'	6"	2'-9"	#3 @ 24" O.C.
4'	8"	3'-6"	#4 @ 24" O.C.
5'	8"	4'-0"	#5 @ 16" O.C.

Design for Sloping Grade Above Wall

GENERAL NOTES:

1. Concrete - 2,500 p.s.i. Min. @ 28 days; Mix. 1: $2\frac{1}{2}$ / $3\frac{1}{2}$, Max w/c $7\frac{1}{2}$ Gal./Sack
2. Reinf. Steel - ASTM.A15 & A305, Min. $f_s = 20,000$ p.s.i.
3. Reinf. Steel Laps - Min. 1'-6"
4. Concrete Masonry Units - ASTM C 90; Conc. Blks. Grade 'A'
5. Grout - 1 part Cement, 2 to 3 parts sand, 2 parts pea gravel
6. Soil - Max 1000 p.s.f. bearing pressure
7. Backfill - Cohesionless soil
8. All workmanship and materials to conform with the California BUILDING CODE.
9. No surcharge on wall. Consult a professional Civil or Structural Engineer for design of retaining walls having:
 - a height greater than 5 feet and/or
 - b) any surcharge. (Vehicle loading, adjacent footings, etc.)

* Planning regulates the height, location, and design of the wall based on the zone, location on the property, and community design standards. Planning must approve the plans prior to any permit being issued.

	Concrete Masonry Retaining Wall - Level Grade	
HELP FOR THE HOMEOWNER		
		
6/6/16 Date		
Building Official	Date:	Sheet 1 of 1