

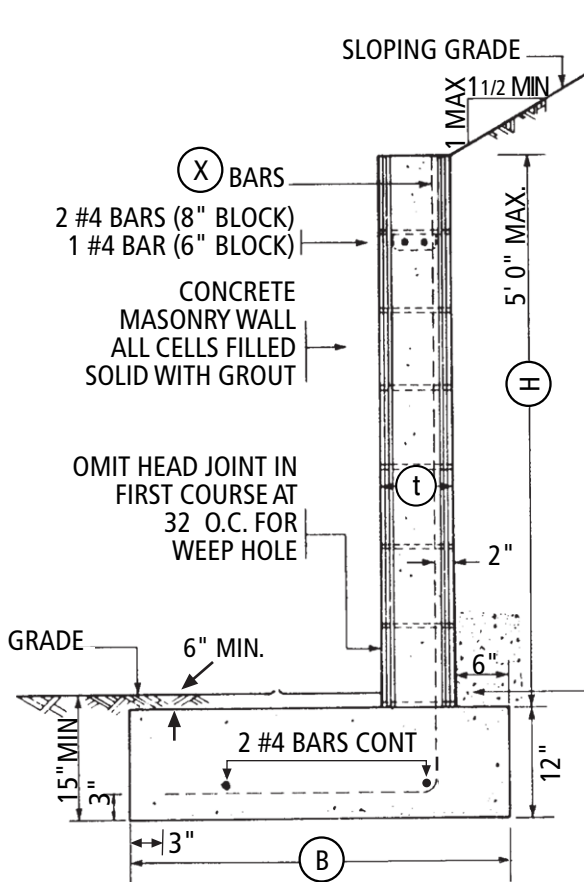


City of Carpinteria Building & Safety Division

Concrete Masonry Retaining Wall

MUST BE BUILT EXACTLY TO THESE SPECIFICATIONS

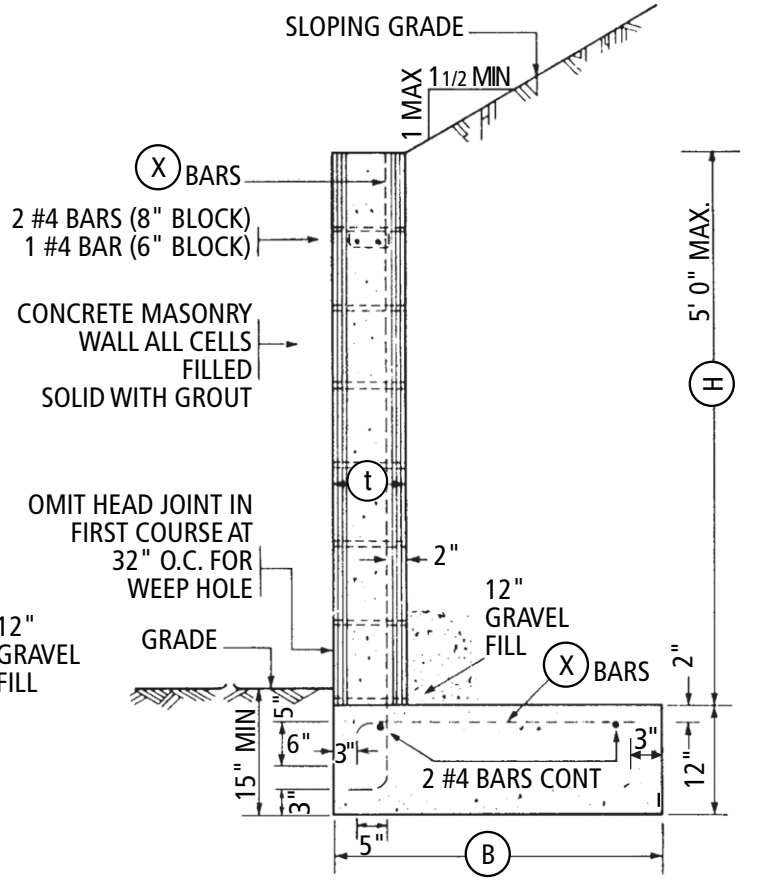
SLOPING GRADE



POUR FOOTING AGAINST UNDISTURBED NATURAL SOIL

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

Design for Sloping Grade Above Wall



POUR FOOTING AGAINST UNDISTURBED NATURAL SOIL

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

Design for Sloping Grade Above Wall

PERMIT REQUIRED FOR WALLS REFORMING 3 FT.

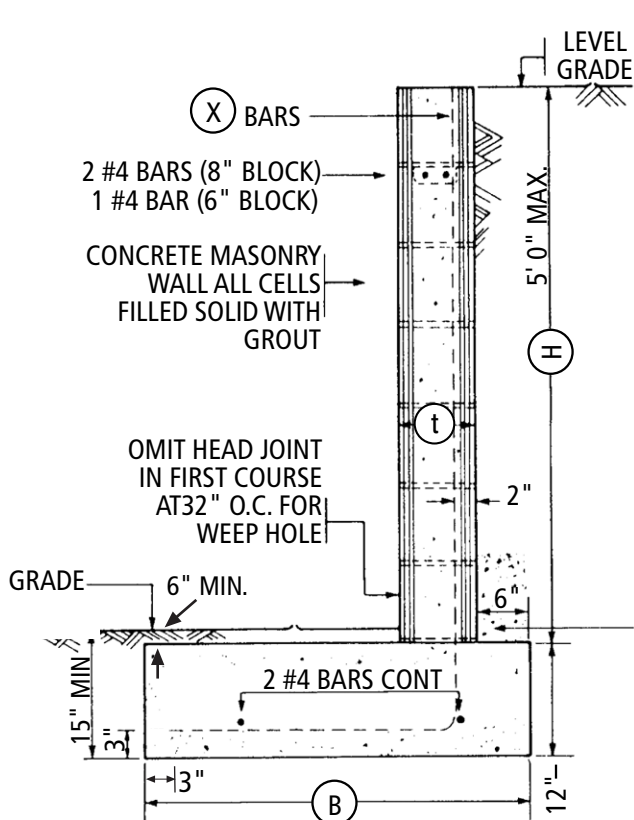
GENERAL NOTES:

- Concrete - 2500 p.s.i. Min. @ 28 days
- Reinf. Steel - ASTM.A15 & A305, Min. $f_s = 20,000$ p.s.i.
- Reinf. Steel Laps - Min. 24"
- Concrete Masonry Units - ASTM C 90; Conc. Blks. Grade 'A'
- Grout - 1 part Cement, 2 to 3 parts sand, 2 parts pea gravel 1800 psi @ 28 days
- Mortar - Type S per Table 2103 (8), CBC
- Soil - Max 1000 p.s.f. bearing pressure
- Backfill - Cohesionless soil
- All workmanship and materials to conform with the CBC.
- 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
 - any surcharge. (Vehicle loading, adjacent footings, etc.)
- 4 ft max. lift subject to building inspector verification
- Walls cannot be reconstructed or newly constructed on property lines

THIS HANDOUT IS NOT INTENDED TO TAKE THE PLACE OF ANY LAWS OR REGULATIONS

MUST BE BUILT EXACTLY TO THESE SPECIFICATIONS

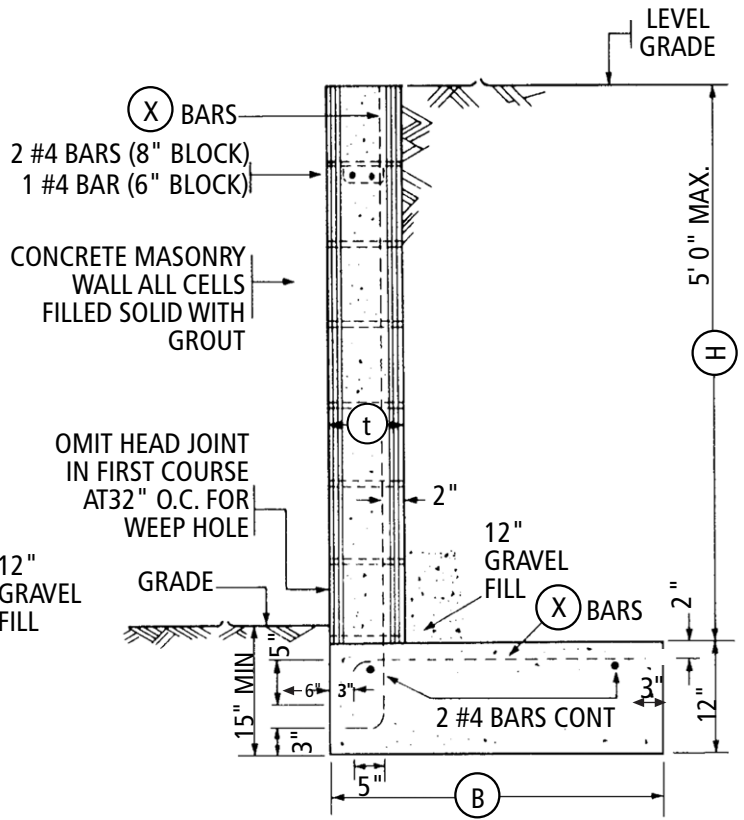
LEVEL GRADE



POUR FOOTING AGAINST UNDISTURBED NATURAL SOIL

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

Design for Level Grade Above Wall



POUR FOOTING AGAINST UNDISTURBED NATURAL SOIL

H	t	B	X BARS
3'	6"	1'-10"	#4 @ 32" O.C.
4'	8"	2'-6"	#4 @ 24" O.C.
5'	8"	3'-0"	#5 @ 24" O.C.

Design for Level Grade Above Wall

GENERAL NOTES:

- Concrete - 2500 p.s.i. Min. @ 28 days
- Reinf. Steel - ASTM.A15 & A305, Min. $f_s = 20,000$ p.s.i.
- Reinf. Steel Laps - Min. 24"
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