

RETAINING WALL/LEVEL BACKFILL

B



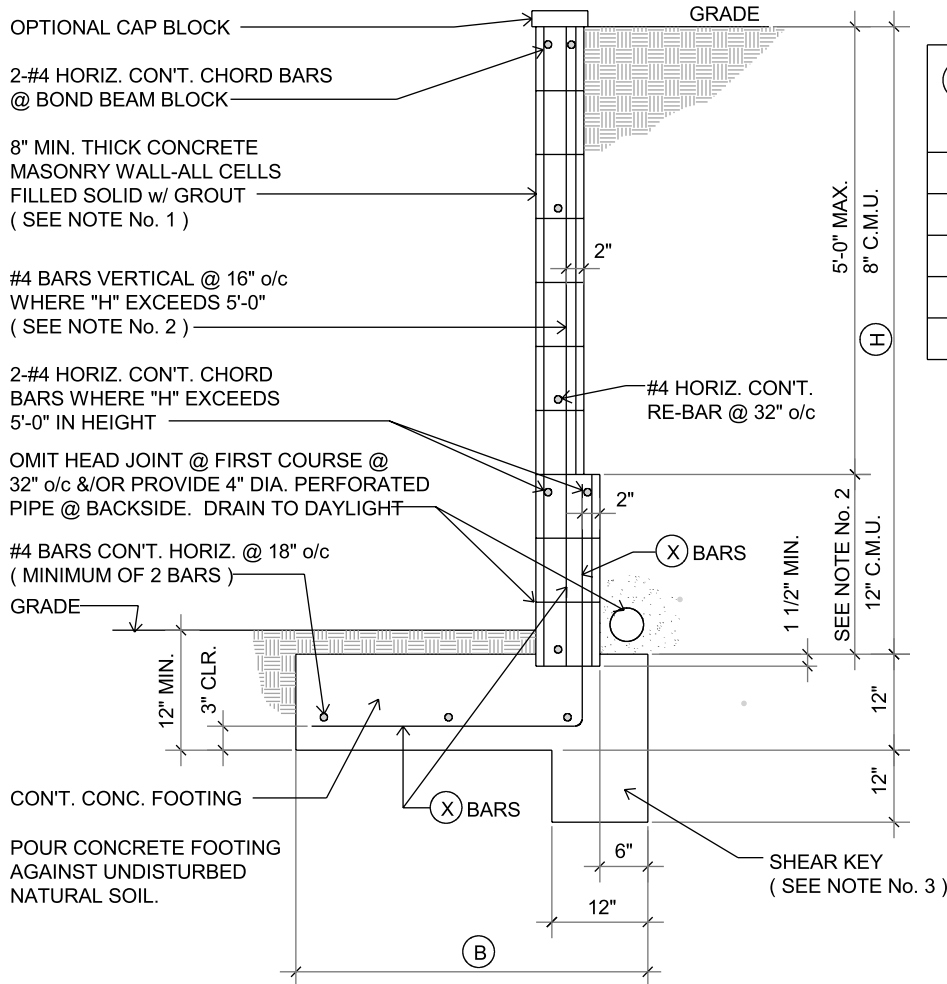
CITY OF FULLERTON

COMMUNITY DEVELOPMENT DEPARTMENT

303 W. COMMONWEALTH AVENUE

FULLERTON CA 92832

(714) 738-6541



(H)	(B)	(X) BARS
3'	1'-10"	#3 @ 24" o/c
4'	2'-4"	#4 @ 32" o/c
5'	2'-9"	#4 @ 16" o/c
6'	3'-3"	#4 @ 24" o/c
7'	3'-10"	#4 @ 16" o/c
8'	4'-6"	#5 @ 16" o/c

NOTES:

- 6" THICK CONCRETE MASONRY UNITS MAY BE USED WHEN "H" DOES NOT EXCEED 3'-0"
- WHEN "H" EXCEEDS 5'-0", THE LOWER PORTION BELOW 5'-0" SHALL BE 12" THICK.
- WHEN "H" DOES NOT EXCEED 5'-0", SHEAR KEY MAY BE OMITTED, WITH VERTICAL BARS BENT INTO FOOTING
- CONCRETE AND GROUT SHALL BE MACHINE MIXED, 2,500 P.S.I. @ 28 DAY ULTIMATE COMPRESSIVE STRENGTH.
- CONCRETE MASONRY BLOCK SHALL BE GRADE 'A' UNITS, PER A.S.T.M. C90-52.
- IT IS ASSUMED THAT THERE IS NO SURCHARGE ON THE WALL.
- FINISH GRADE SHALL BE LEVEL ABOVE & BELOW THE WALL FOR A DISTANCE EQUAL TO THE WALL HEIGHT.
- GROUT SHALL BE 1 PART CEMENT TO 3 PARTS SAND. (MIN. 1500 P.S.I.)
- ALL BACKFILL SHALL BE COMPACTED TO 90% DENSITY.
- MINIMUM REINFORCING BAR LAP SHALL BE 40 BAR DIAMETERS, TYP.