



**NOTES:**

- RETAINING WALL NOT TO BE USED FOR FENCES OR BUILDING FOUNDATION.
- MINIMUM SET BACK FOR STRUCTURES, DRIVEWAYS AND PARKING AREAS FROM RETAINED WALL SHALL BE "H" PLUS 2 FEET.
- SOLID GROUT ALL CELLS WITH OR WITHOUT REBAR.
- FOOTING TO BE CLASS "B" CONCRETE,  $f'_c=2,500$  PSI @ 28 DAYS.
- CONCRETE BLOCK - GRADE N UNITS, ASTM C-90,  $f'_m=1,500$  PSI.
- MORTAR - TYPE S, 1800 PSI @ 28 DAYS.
- GROUT - 2000 PSI @ 28 DAYS.
- REINFORCING STEEL TO BE GRADE 40.
- REINFORCING BARS SHALL BE SPLICED WITH A MIN. LAP OF 24" AND PLACED PRIOR TO GROUTING.
- SOIL EQUIVALENT FLUID PRESSURE = 45 PCF.
- ALLOWABLE SOIL BEARING PRESSURE = 1,000 PSF.
- ALL FOOTINGS MUST EXTEND AT LEAST 12" INTO UNDISTURBED NATURAL SOIL OR COMPACTED FILL.
- DRAINAGE AND BACKFILL MATERIAL SHALL NOT BE PLACED UNTIL CONCRETE AND/OR MASONRY HAS REACHED DESIGN STRENGTH.
- ALL CONSTRUCTION METHODS SHALL CONFORM TO THE 2013 CBC.

(H)	(t)	(B)	(T)	(K)	VERT. REINF. (Y) (BARS)
4' 8"	2'-8"	1'-5"	1'-2"	N/A	
5' 12"	3'-8"	2'-2"	1'-6"	#5@24"o.c.	
6' 12"	4'-2"	2'-5"	2'-0"	#5@16"o.c.	

Revisions	Date	Desc
1/14	CODE	
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DATE:	1-06-2014
DESIGNED BY:	A.A.
DRAWN BY:	D.M.
CHECKED BY:	G.F.

COUNTY OF KERN  
STATE OF CALIFORNIA  
**BUILDING INSPECTION DIVISION**

TYPICAL  
RETAINING WALL  
DETAIL

PLATE NO.  
1 OF 1