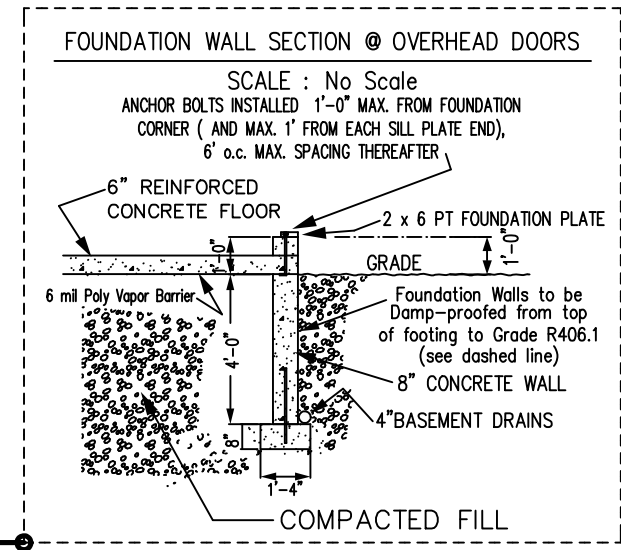


- FOUNDATION NOTES**
- Assumed load bearing value = 3000 psf Table R401.4.1
  - Concrete Footings & Walls  $f'_c=3000$  psi Table R402.2
  - All footings 8" x 16"
  - Backfill with well graded gravels or sands Table R404.1.2(3) (GW, SW)
  - Construction Joints to have # 4 Bars x 2'-0" long & spaced at 24"o.c. (R404.1.2.3.7.8)



**2009 IECC ZONE 6 INSULATION REQUIREMENTS**

- CEILING R-VALUE 49
- WOOD FRAME WALL R-VALUE 20 OR 13+5H
- MASS WALL R-VALUE 15/19
- FLOOR R-VALUE 30
- BASEMENT WALL R-VALUE 15/19
- SLAB R-VALUE D, DEPTH R-10 @ 4 FT
- CRAWLSPACE WALL R-VALUE 10/13
- FENESTRATION U-FACTOR 0.60
- SKYLIGHT U-FACTOR 0.60
- GLAZED FENESTRATION SHGC, NR

**2009 IRC R302.5 OPENING PROTECTION. OPENINGS FROM A PRIVATE GARAGE DIRECTLY INTO A ROOM USED FOR SLEEPING PURPOSES SHALL BE PERMITTED. OTHER OPENINGS BETWEEN THE GARAGE AND RESIDENCES SHALL BE EQUIPPED WITH SOLID WOOD DOORS NOT LESS THAN 1 3/8 INCHES (35 MM) IN THICKNESS, SOLID OR HONEY-COMB-CORE STEEL DOORS, NOT LESS THAN 1 3/8 INCHES (35 MM) THICK OR 20-MINUTE FIRE-RATED DOORS, EQUIPPED WITH A SELF-CLOSING DEVICE.**

**R302.6 DWELLING/GARAGE FIRE SEPARATION. THE GARAGE SHALL BE SEPARATED AS REQUIRED BY TABLE R302.6. OPENINGS IN GARAGE WALLS SHALL COMPLY WITH SECTION R302.5. THIS PROVISION DOES NOT APPLY TO GARAGE WALLS THAT ARE PERPENDICULAR TO THE ADJACENT DWELLING UNIT WALL.**

**2009 IRC TABLE R302.6 DWELLING/GARAGE SEPARATION**

SEPARATION	MATERIAL
FROM RESIDENCE AND ATTIC	NOT LESS THAN 1/2-INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO GARAGE SIDE
FROM ALL HABITABLE ROOMS ABOVE THE GARAGE	NOT LESS THAN 5/8-INCH TYPE-X GYPSUM BOARD OR EQUIVALENT
STRUCTURES SUPPORTING FLOOR/CEILING ASSEMBLIES USED FOR SEPARATION REQUIRED BY THIS SECTION	NOT LESS THAN 1/2-INCH GYPSUM BOARD OR EQUIVALENT
GARAGE LOCATED LESS THAN 3 FEET FROM A DWELLING UNIT ON THE SAME LOT	NOT LESS THAN 1/2-INCH GYPSUM BOARD OR EQUIVALENT APPLIED TO THE INTERIOR SIDE OF EXTERIOR WALLS THAT ARE WITHIN THIS AREA

**HARLOW HOME DESIGN**

Project: Eric Stoddard (Schiavi Lot Model)	Description: TYPICAL FOUNDATION DETAIL
Page #: 4	Scale: 1/8" = 1'-0" (11" x 17")
C:\DataCAD 16\Drawings\Client Custom Plans\Eric Stoddard (SCHIAVI - LOT MODEL HOME).aec	
Plans prepared by: Michael Harlow, 207-739-0673	

Tuesday, March 22, 2016