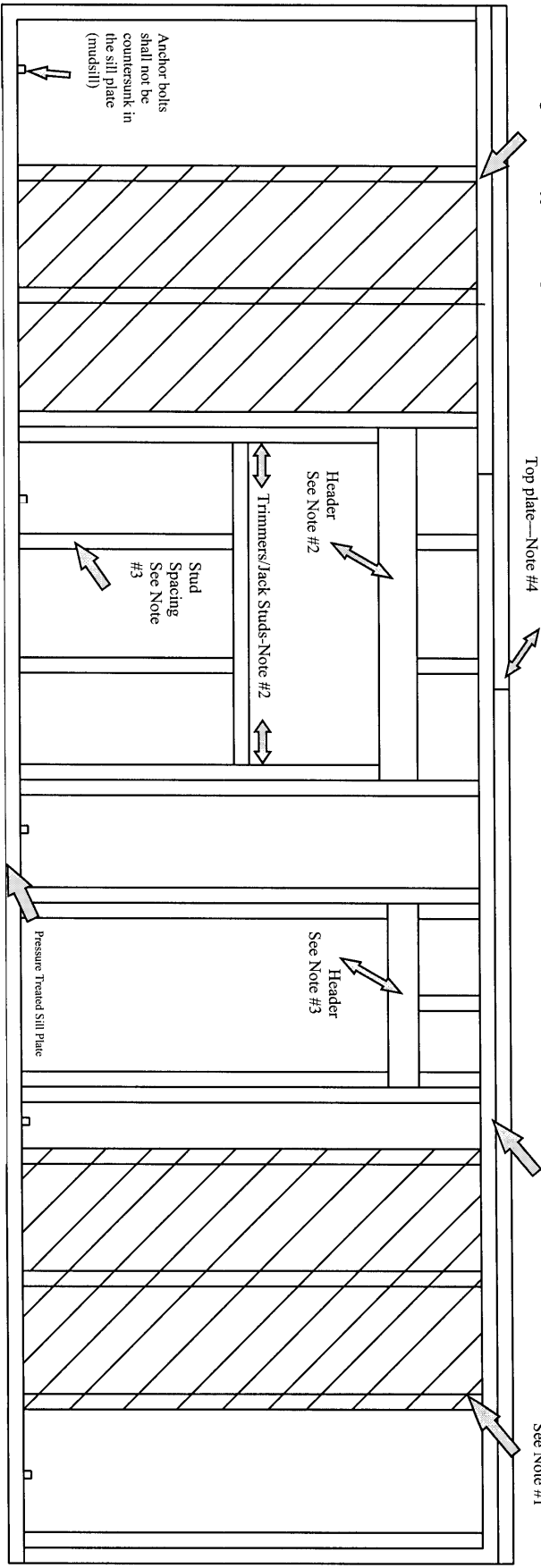


Wall Bracing—Indicate type of bracing on this detail

**WALL FRAMING DETAIL FOR ONE STORY BUILDINGS  
2006 INTERNATIONAL RESIDENTIAL CODE—CHAPTER 6  
RESIDENTIAL CONSTRUCTION ONLY—ONE STORY**



- NOTES:**
- All exterior walls and main cross stud partitions shall be braced for Seismic Zone D1 per IRC, Section 602.10.1 & 602.10.3
    - Wood structural panel sheathing with a thickness of not less than 5/16" for 16" stud spacing and not less than 3/8" for 24" stud spacing. Each braced panel must be at least 48" in length, covering three stud spaces where studs are spaced 16" o.c. & covering two stud spaces where studs are spaced 24" apart.
    - Gypsum board (sheathing 1/2" by 4" wide, wallboard or veneer base) on studs spaced not over 24" o.c. and nailed 7" o.c. Each braced wall line must be at least 96" in length when applied to one face of a braced wall panel and 48" when applied to both faces.
  - Headers shall be per IRC Section R602.7. See header schedule for trimmer/jack stud information.
  - Studs supporting floors shall be spaced not more than 16 inches on center. Bearing studs may be spaced 24 inches on center when supporting only a ceiling and roof and truss/rafter bear within 5" of stud. Wall stud height shall be max. 10' per Table R602.3.1.
  - Double top plate installed to provide overlapping at corners & intersections with bearing partitions. End joints in top plates shall be offset at least 24". Joints need not occur over studs. Plates shall be a nominal 2" in depth and have a width at least equal to the width of the studs. IRC Section R602.3.2.
  - Nailing schedule/fastener schedule per R602.3(1)
  - Minimum insulation requirements: Ceiling—R38; Walls—R-19; Floors—R19; Crawl space—R-10
  - Install a weather resistant building wrap complying with R703.1 and Table R703.4

**HUMBOLDT COUNTY BUILDING DEPARTMENT**  
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ALTERNATE WALL BRACING PANEL NOT LESS THAN 2'8"  
 FOR ONE STORY BUILDINGS  
 2006 IRC SECTION R602.10.6  
 WALL FRAMING PER IRC CHAPTER 6

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