

STRONG SHELF BUILDING TIPS

TOOLS & MATERIALS LIST

1. CUTTING POSTS TO SIZE – OPTIONS – ACCURACY COUNTS
 - A. USED BY RICH: CUTTING BOARD W/ SKILL SAW & ABRASIVE BLADE; SAWSALL; HACKSAW (last resort); CHOPPER see lit.
 - B. POSSIBLE IF AVAILABLE: CHOP SAW W/ ABRASIVE BLADE
PLASMA CUTTER; LASER CUTTER; BAND SAW; ANGLE CUTTER;
SABER SAW; POWER SAW; ETC.
- 1A STORY STICK FOR SHELF SPACING
2. NUTS, BOLTS, WASHERS
 - A. BOLTS (BOXES)(GRADE 8) – $\frac{3}{4}$, 1, 1-1/4, 1-1/2 X 3/8"-16
 - B. NUTS 3/8"-16: (BOXES)
 - C. WASHERS – 3/8" REGULAR (BOXES), FENDER, $\frac{1}{4}$ "
 - D. LAG SCREWS, HEX HEAD – 3/8"X1-1/2", $\frac{1}{4}$ "X1-1/2"
 - E. HARBOR FREIGHT CARRIER, TOOL BELT W/ 2-4 POCKETS
3. BOLT DRIVERS – POWER, RATCHET, COMBO WRENCH, CRESENT
4. POWER DRILLS (ONE DRILL PER SIZE SPEEDS WORK)
 - A. BRIDGE REAMER – (SEE LIT.) - NEEDS SLOW STRONG DRILL
 - B. BITS - 1/4", 3/16", 5/16"
5. ROLLER DRAWER STUFF
 - A. ROLLER GLIDES 100LB MIN.
 - B. WOOD: 1"X4", $\frac{1}{4}$ " PLYWOOD; 2X4's
 - C. GROOVING TOOL $\frac{1}{4}$ " – ROUTER OR DADO BLADE FOR WOOD
 - D. SHEET ROCK SCREWS & 3/8"X 1-1/2" LAG SCREWS
 - E. DOUBLE STICK TAPE FOR 3/8" SPACING WASHERS
6. MISC. TOOLS
 - A. SOFT HAMMER; 3/8" TAPPED ALIGNMENT ROD; STUD
FINDER; TAPE MEASURE, 10' MIN.; LEVEL.
7. ANGLE IRON – 1"X1"X1/8" SHELF STEPPING REINFORCEMENT,
BED RAILS FOR LARGER SHELVES W/ GRADE 8 BOLTS