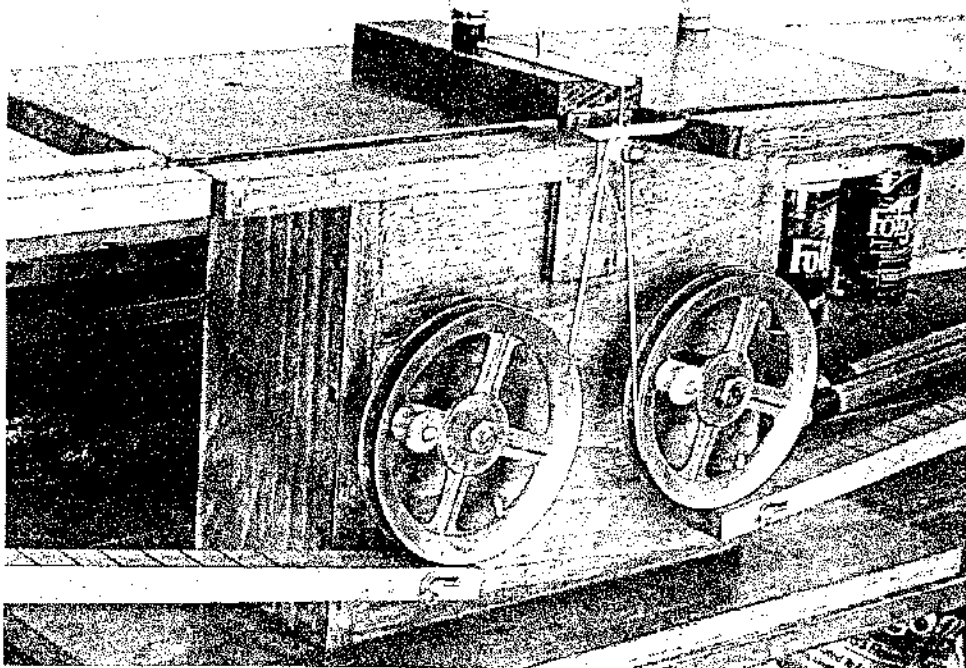


# SMITHWICK SIMPLE BINDER - DARROL GROTH



## PARTS

### CORD DRIVE

1. 2 6" ALUM PULLEYS
  2. 2 3/2" x 1/2" BOLTS (AXELS)
  3. 4 1/2" NUTS
  4. 2 1/2" LOCK WASHERS
  5. CRANK HANDLES - 2 3/16" MACHINE BOLTS/NUTS w/ KNOB, SPACER OR OTHER
- DRILL HOLES IN SUPPORT POST OF PULLEY + IN BOTTOM OF TRACK OF PULLEY TO ATTACH DRIVE CORD.

### TENSION ARMS

1. 2 3" x 3/8" HEX. BOLTS
2. 2 3/8" WING NUTS
3. WASHERS/SPACERS TO CENTER ARMS ON PULLEY

### BINDING POST

1. 1 2 1/2" x 1/4" HANGER BOLT
2. 1" NYLON SPACER (1/2" OD / 1/4" ID)
3. 1 1/4" ACORN NUT OR OTHER
4. 1/4" WASHERS TO SPACE
5. 2" x 4" x 1/2" WOOD PLATE TO SPACE + PROVIDE "BITE" FOR HANGER BOLT

### TRACK GROOVE

1. 3/4" CORE BOX ROUTER BIT - 1/2" DEEP, TABLE GROOVE IS 1 3/4" FROM FRONT EDGE OF WORK SURFACE - EXTENSION ARM GROOVES IN CENTER

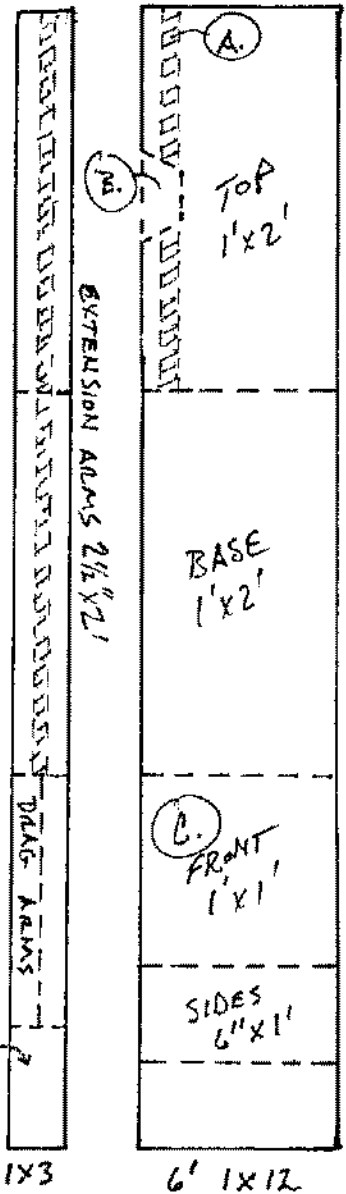
### BINDING SYSTEM

1. SPOOL HOLDER - DOWEL
2. THREAD TENSIONER FROM SEWING MACHINE (NUMBERED ONE IS NICE)
3. BINDING "ARM" - 5" x 1/8" ALUM. BAR DRILLED + GROOVED SMOOTH
4. COTTER PIN - THREAD GUIDE + LOCK ARM
5. 1" MACHINE SCREW TO ATTACH ARM + ALLOW TO SWING AWAY

"TROUGH"

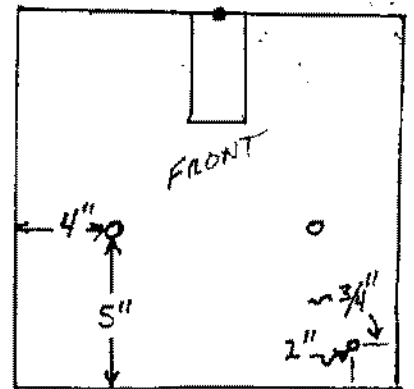


TENSION PLATFORM ~ 2 1/2" x 8"



6' x 3

6' x 12



(C.) PLACEMENT OF HOLES FOR PULLEYS + DRAG ARMS

