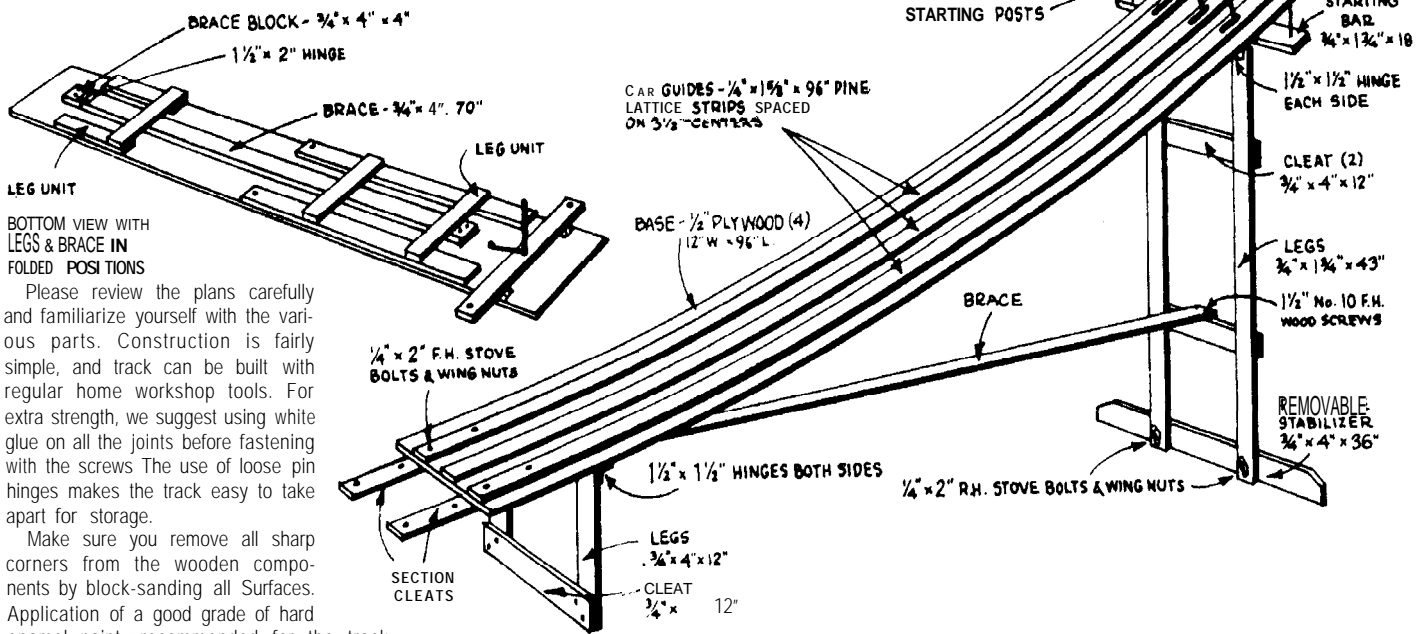


PINEWOOD DERBY *Suggested Track Plan*



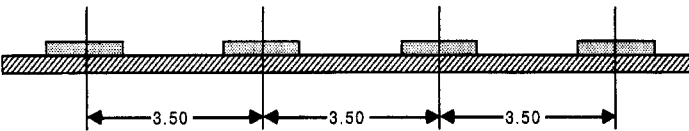
BOTTOM VIEW WITH LEGS & BRACE IN FOLDED POSITIONS

Please review the plans carefully and familiarize yourself with the various parts. Construction is fairly simple, and track can be built with regular home workshop tools. For extra strength, we suggest using white glue on all the joints before fastening with the screws. The use of loose pin hinges makes the track easy to take apart for storage.

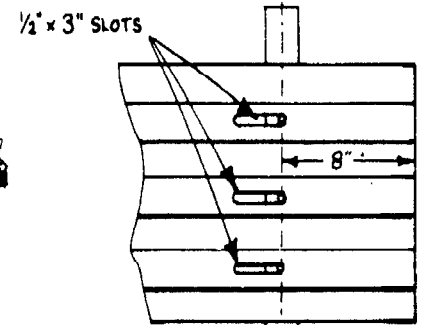
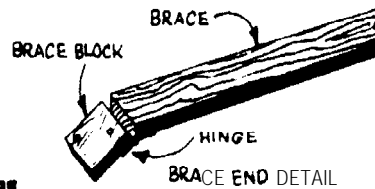
Make sure you remove all sharp corners from the wooden components by block-sanding all surfaces. Application of a good grade of hard enamel paint is recommended for the track.

The curved sweep of the ramp bends naturally, but after being completely assembled, if the short legs do not touch the floor, we recommend weight (such as a bag of sand) across the cleat of the short legs.

To insure a smooth and even race, we suggest block-sanding track surfaces, where the sections are joined.



For 3 or more lanes, use 3.50' center-to-center spacing.



- | Item | Quantity |
|---|----------|
| 1 4-0 x 8-0 $\frac{1}{4}$ " Plywood - Cut - (4) 11-15/16" x 96" | 6 |
| 12 8 feet - $\frac{1}{4}$ " x $1\frac{1}{2}$ " Lattice. DON'T CUT | 1 |
| 1 8 feet - 1" x 4" Pine - cut - (1) 36", (3) 12" and (1) 4" | 1 |
| 1 6 feet - 1" x 4" Pine - cut (1) 70" | 2 |
| 2 8 feet - 1" x 2" Pine - cut (6) 18", (2) 43" | 8 |
| 1 6 feet - 1" x 2" Pine - cut (1) 18", (2) 13", (1) 12" and | 14 |
| 1 Piece 12" x $\frac{1}{4}$ " for End Brake Shimm. | 18 |
| 1 $\frac{1}{4}$ " Dowel - cut (3) $3\frac{3}{4}$ " Long | 1 |
| 1 $\frac{1}{4}$ " Dowel - cut (1) 6" Long | 1 |

- | HARDWARE | Item |
|----------|--|
| 6 | $1\frac{1}{2}$ " x $1\frac{1}{4}$ " Loose Pin Hinges with Screws |
| 1 | $1\frac{1}{2}$ " x 2" Loose Pin Hinge with Screws |
| 1 | Screw Eye - $\frac{1}{4}$ " I.D. |
| 2 | $\frac{1}{4}$ " x 2" R.H. Stove Bolts, Washers and Wing Nuts |
| 8 | $\frac{1}{4}$ " x 2" F.H. Stove Bolts, Washers and Wing Nuts |
| 14 | $1\frac{1}{4}$ " No. 10 F.H. Wood Screws |
| 18 | $1\frac{1}{4}$ " No. 10 F.H. Wood Screws |
| 1 | Small Box $\frac{1}{2}$ " Brads |
| 1 | Container of White Glue |

