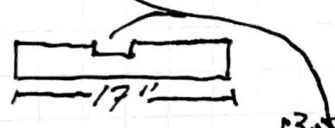
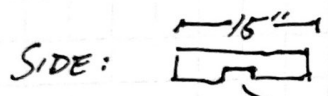


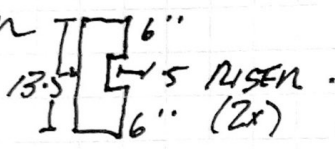
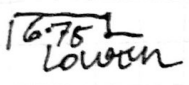
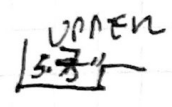
THE 'DAD' BENCH.

NEED MATERIALS.

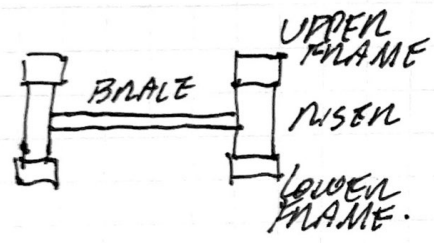
- 4x4s (FOR FRAME)
- 2x4 (FOR CENTER BRACE)
- 1x6s (FOR SEATING SURFACE)



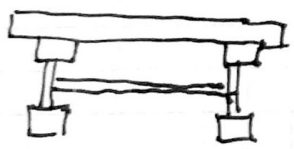
TWO UPPER AND TWO LOWER FRAME SECTIONS ARE CUT FROM 4x4s. THE UPPERs ARE 15" LONG EACH, THE LOWERs, 17". IN THE CENTER OF EACH, A 3.5" WIDE, 1.5" DEEP NOTCH IS CUT TO FIT THE RISELS. 2" OF MATERIAL WILL REMAIN AFTER THE NOTCHES ARE CUT.



THE RISEL IS CUT FROM A 4x4, 13.5" IN LENGTH, WITH A 1.5" NOTCH (CUT AT THE SAME 1.5" DEPTH AS THE FRAMES) CUT TO FIT THE 2x4 BRACE.



THE BRACE CAN BE ANY LENGTH. THE SECTIONS ARE ASSEMBLED AS SHOWN. DAD WELD IT ALL TOGETHER WITH PRECISION FITTED DOWELS. FOR THE REST OF US, SCREWS WILL SUFFICE.



THE SEATING SURFACE IS CUT FROM 3 1x6s AND WILL BE 12" LONGER THAN THE BRACE. THIS WILL ALLOW 4" OF OVERHANG ON EACH SIDE $(4" \text{ OVERHANG} \times 2) + (2" \text{ RISEL NOTCH} \times 2) = 12"$.