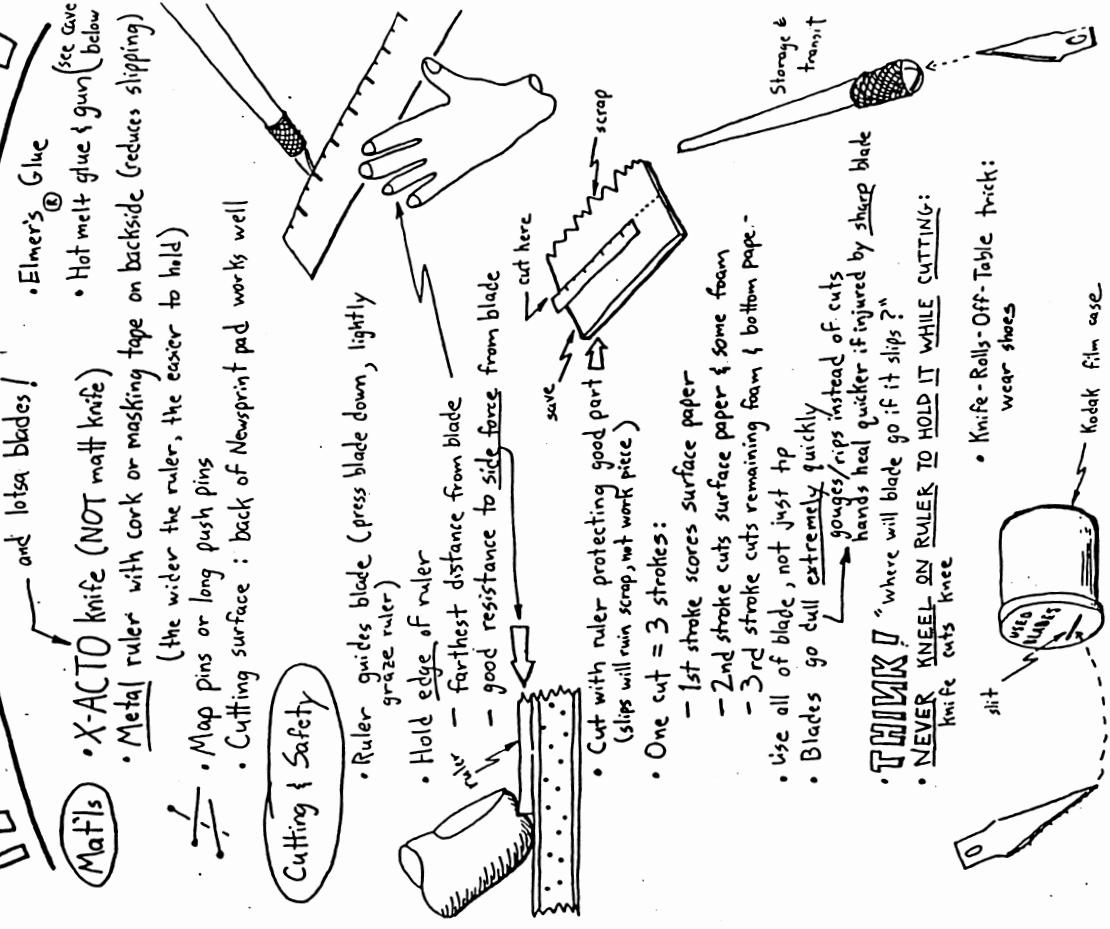
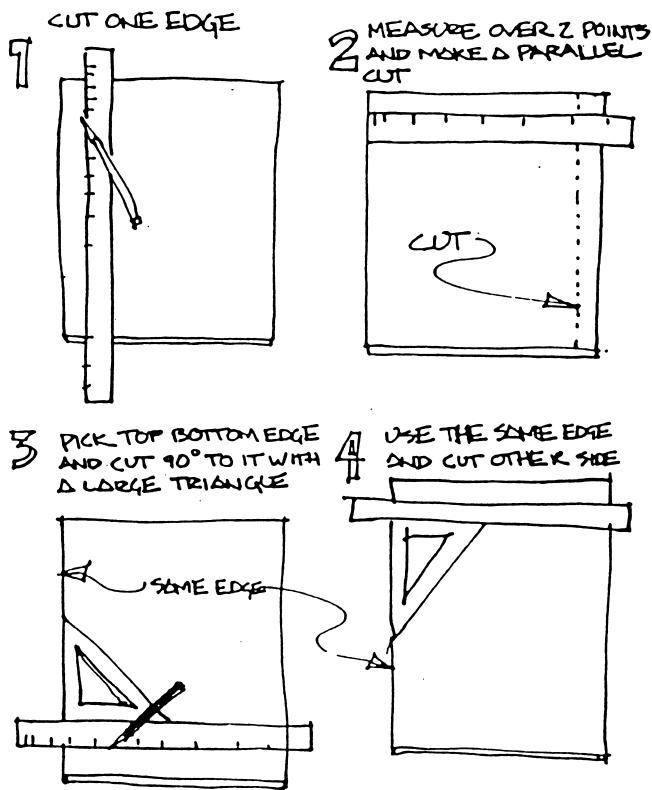


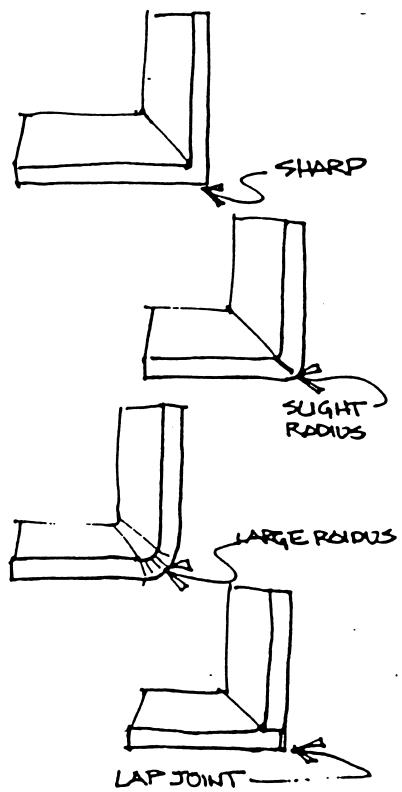
FABULOUS FOAMCORE



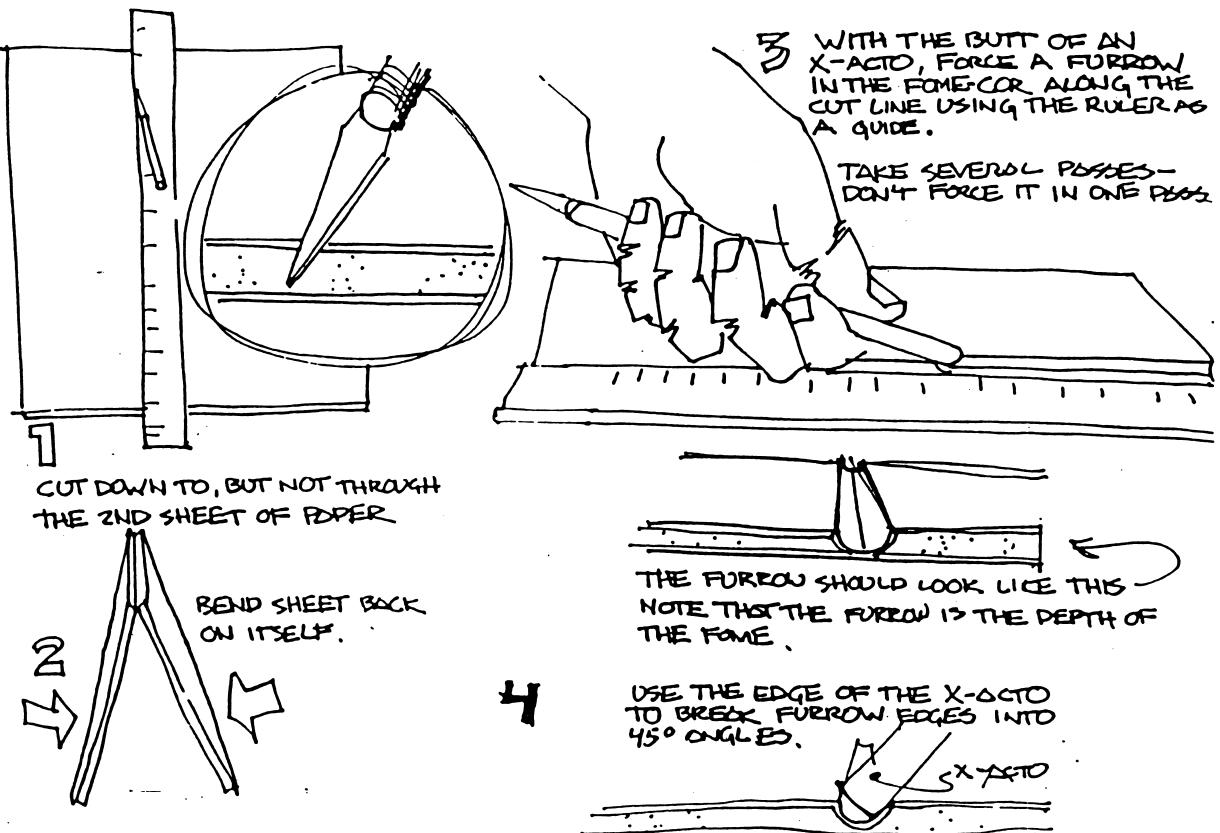
► START OUT SQUARE !!!!



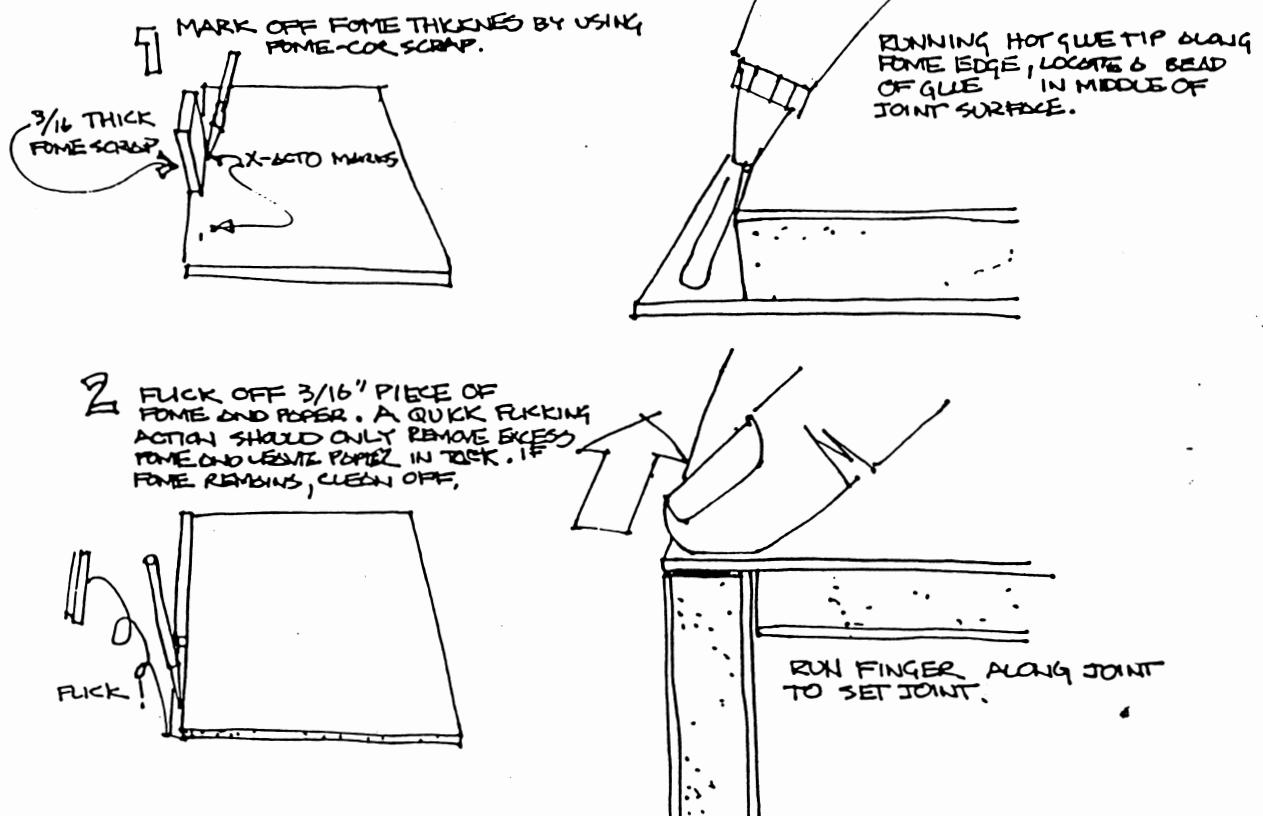
► JOINTS



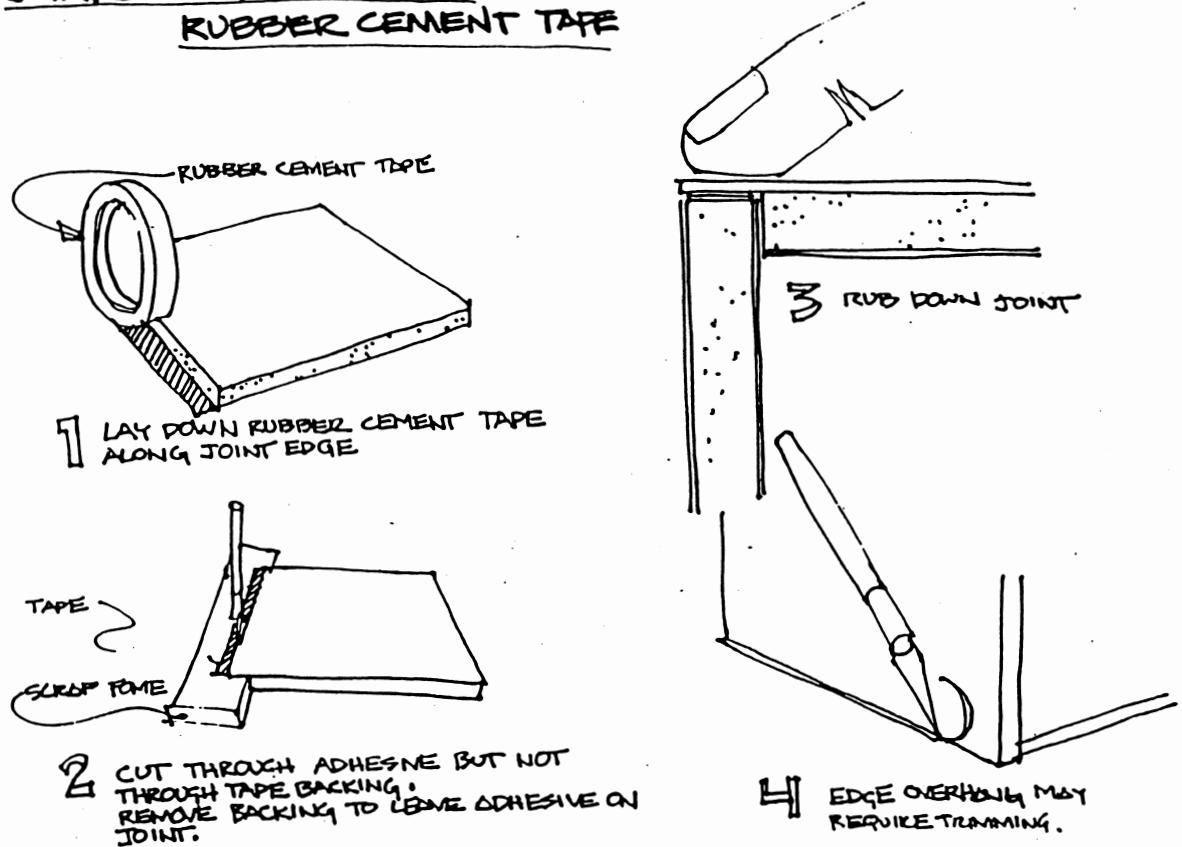
► JOINTS: SHARP



► JOINTS: LAP JOINT



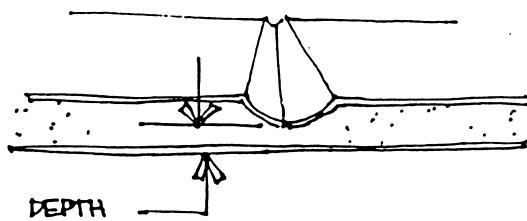
► JOINTS: LAP JOINT WITH RUBBER CEMENT TAPE



► JOINTS: SLIGHT RADIUS

1 CUT DOWN TO BUT NOT THROUGH 2ND SIDE OF PAPER. DO NOT BEND SHEET BACK ON ITSELF.

2 SCORE FURROW WITH BUTT OF X-ACTO BUT CAREFULLY CONTROL THE DEPTH OF THE FURROW.

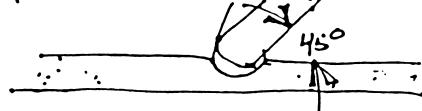


3 THE DEPTH OF THIS FURROW WILL DETERMINE THE CHARACTER OF THE RADIUS.

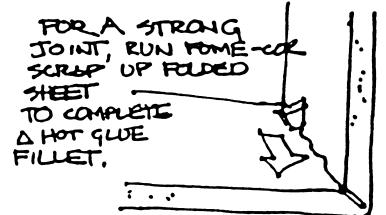
DEEPER = SHARPER

SHALLOW = SOFTER

4 CAREFULLY BREAK EDGES TO 45° ANGLES MAKE SURE YOU DON'T FORCE THE FURROW DEEPER.
IF YOU DON'T BREAK THESE EDGES, THE RADIUS WILL DISTORT.

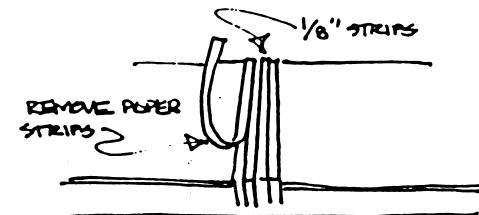


5 RUN A BEAD OF HOT GLUE IN COMPLETED FURROW.



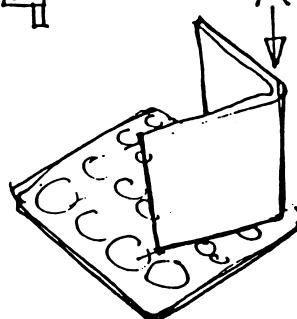
► JOINTS: LARGER RADIUS

1 CUT 1/8 INCH STRIPS THROUGH FIRST LAYER OF PAPER AND ABOUT 1/2 WAY THROUGH FOME.



CHECK RADII BY EYING ON A CIRCLE TEMPLATE.

IT MAY TAKE SEVERAL TRIES TO GET THE RIGHT SIZE RADIUS.

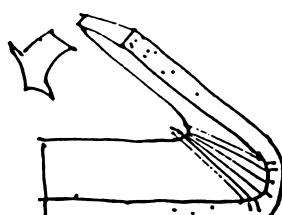


ADJUST SIZE BY MAKING MORE OR LESS 1/8 SLOTS.

WRITE DOWN FINAL NUMBER OF STRIPS FOR REFERENCE.

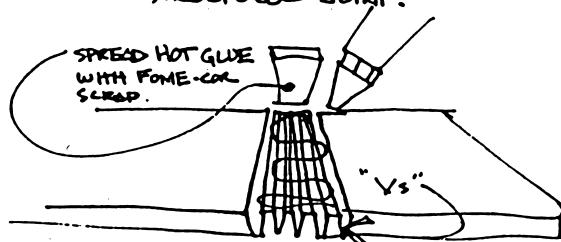
2 STRIP OFF THE 1/8" STRIPS OF PAPER, STRIP BY STRIP. THIS IS HARDER THAN IT SOUNDS BECAUSE THE PAPER TENDS TO PE-LAMINATE AS IT IS STRIPPED OFF. DO THE BEST YOU CAN WITHOUT DAMAGING FOME.

3 BEND THE SHEET GOING PAST THE INTENDED ANGLE OF THE FINAL JOINT. (THIS RELIEVES STRESS ON THE JOINT).



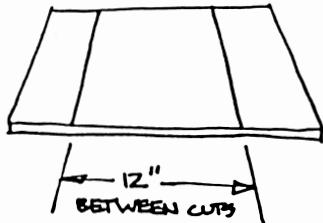
4 IF STABILITY OF THE JOINT IS REQUIRED OR YOU ARE GOING TO CUT CLOSE TO THE RADII DO THE FOLLOWING.

NOTICE THAT AFTER BENDING THE RADIUS THE FLATTENING OUT THE FOME HAS BEEN DEFORMED INTO "V" SHAPE GROOVES. BY FORCING HOT GLUE INTO THESE "V's" AND FOLDING THE SHEET YOU WILL END UP WITH A STRONG, STRUCTURAL JOINT.

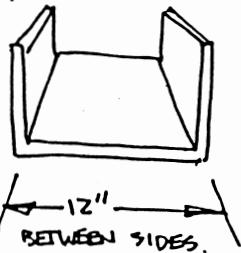


► MEASURING

IN THEORY, IF YOU HAVE



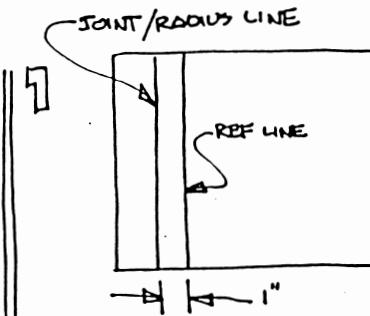
THEN YOU'LL HAVE



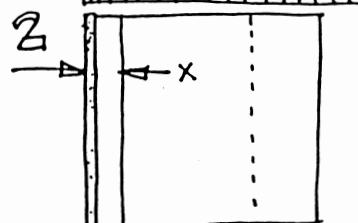
NOT QUITE!!!

JOINTS ALWAYS PICK UP SOME DIMENSION WHEN YOU FOLD THEM UP.

YOU MUST EXPERIMENT AND LEARN TO SUBTRACT THE DIMENSION GAINED.



SCORE OR DRAW A REFERENCE LINE
BEND THE JOINT UP TO 90°

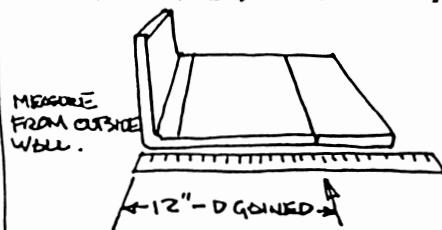


MEASURE DISTANCE FROM OUTSIDE SURFACE AND SUBTRACT REF DISTANCE

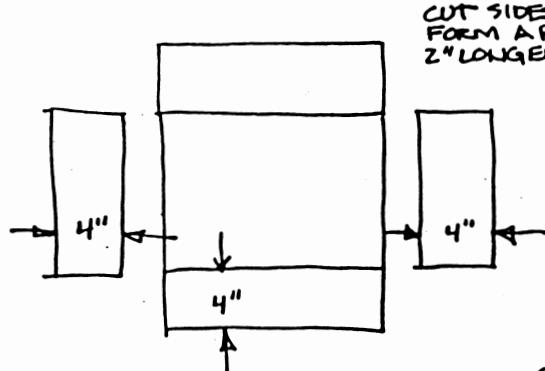
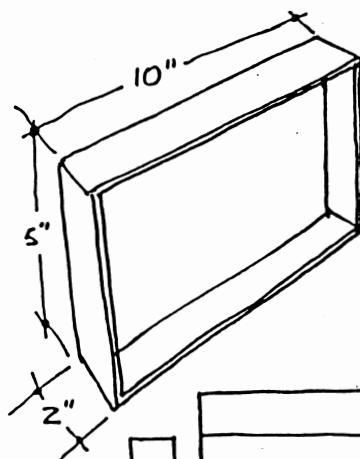
$$X - 1'' = \text{DISTANCE GAINED}$$

THE LARGER THE RADIUS
THE LARGER DISTANCE GAINED

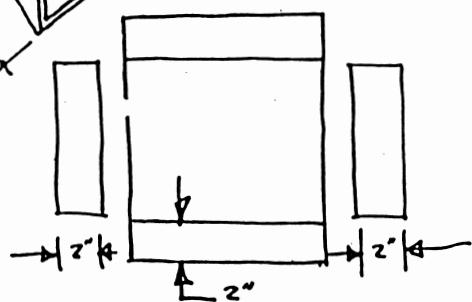
3) SUBTRACT DISTANCE GAINED FROM THE DISTANCE YOU WANT THE OUTSIDE SURFACES APART.



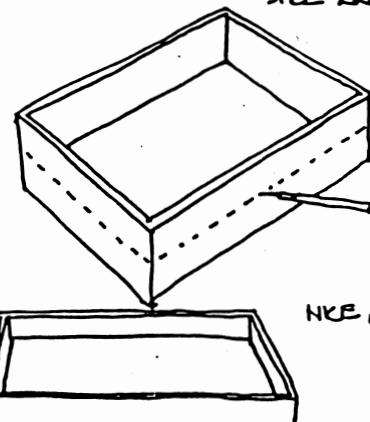
► A SIMPLE PANEL



CUT SIDES SO THEY WILL FORM A PANEL WITH SIDES 2" LONGER THAN REQUIRED



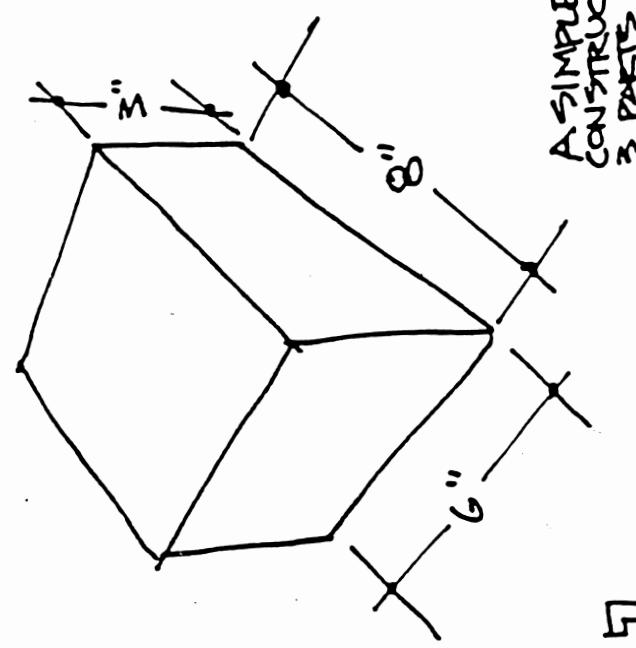
CUT PANEL DOWN TO SIZE AND VOLA...



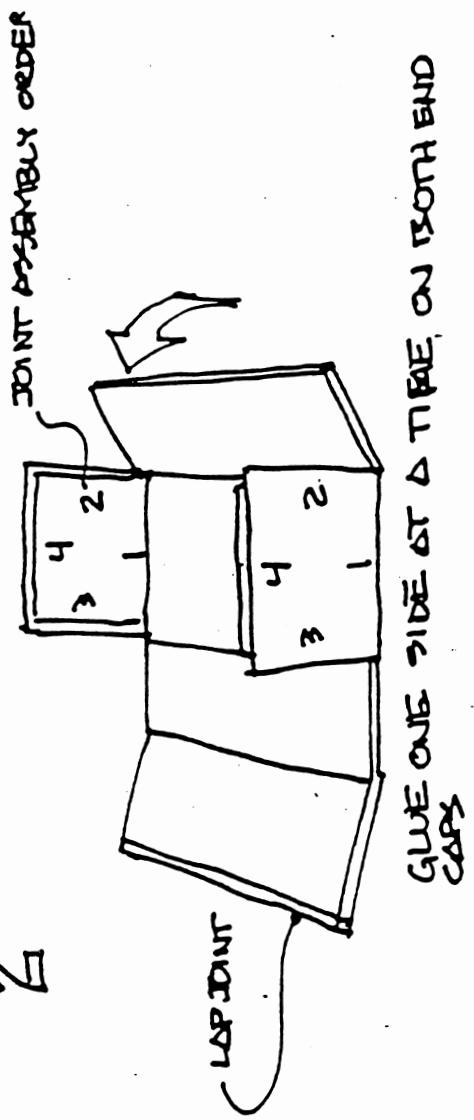
IF YOU CUT PIECES EXACTLY TO SIZE,
YOU'LL GO CRAZY!!

NICE, FLAT PANEL.

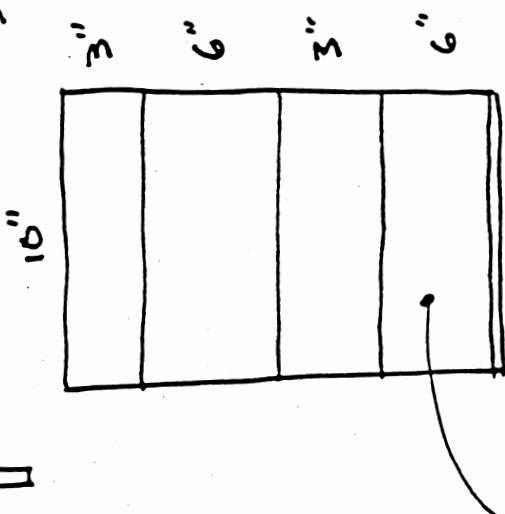
A SIMPLE BOX



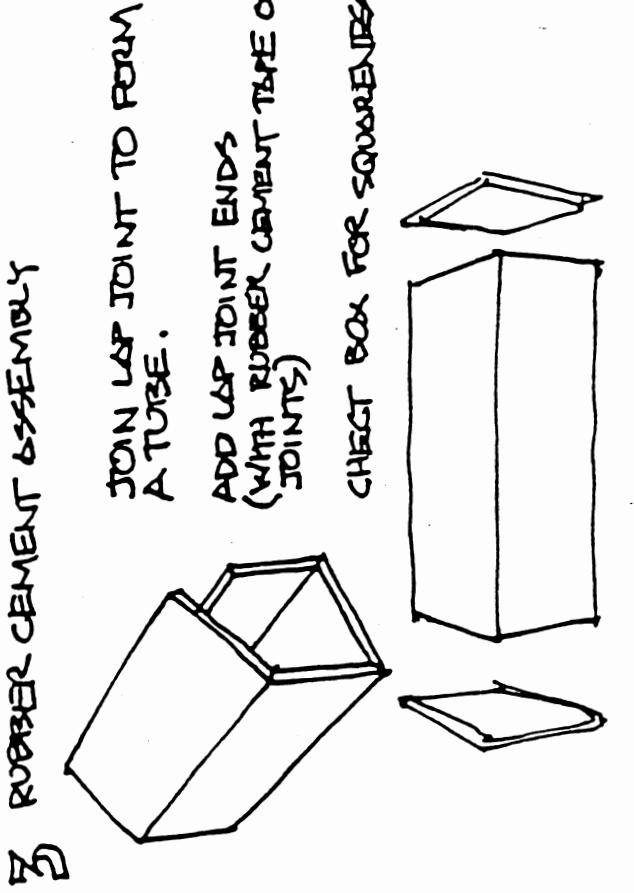
2 HOT GLUE MATERIALS:



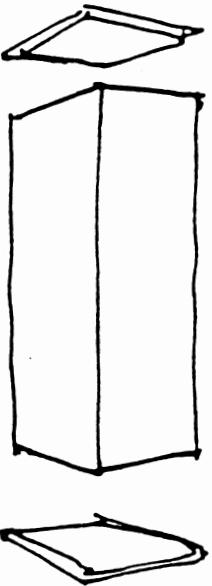
ASSEMBLE BOX BY
CARDED CARDED CARDED CARDED



NEED 2 ENDS
REMOVE
SINGLE BOARD
FOR LAPS JOINTS.



4 FLAP OVER BEND DOWN.
H SIZED C-LAP JOINT TO BE
PICK LAPS JOINT TO BE

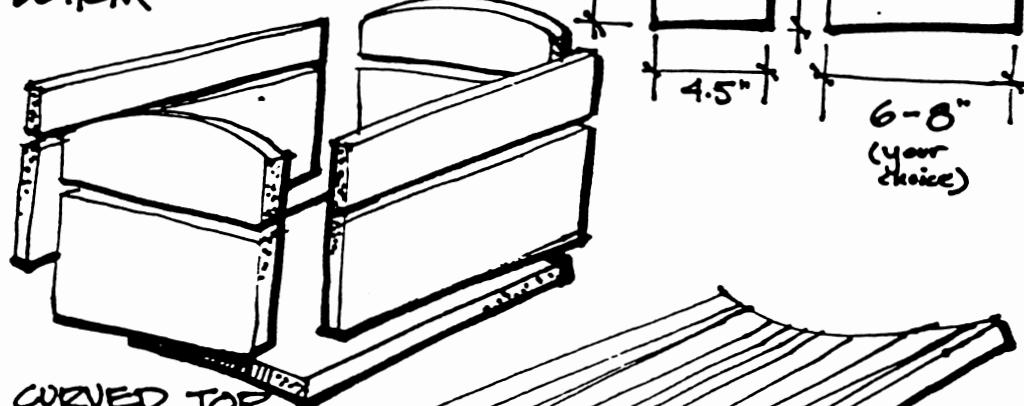


CHICHT BOX FOR SQUARER Joints

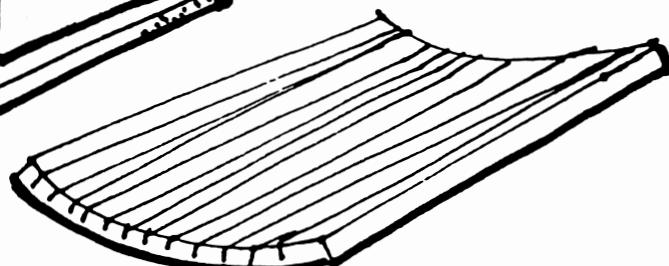
(WHICH REQUIRES CARDED THE ON
AND UPTURN ENDS)

DISK-BOX

- ① CUT SIDE PARTS & BOTTOM



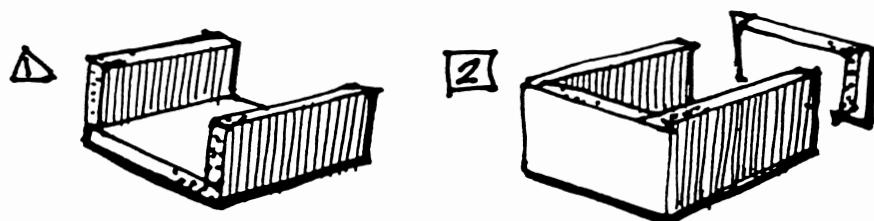
- ② CUT CURVED TOP



- ③ ASSEMBLE TOP



- ④ ASSEMBLE BOTTOM



- ⑤ PUT IN TOP GUIDES



- ⑥ C'EST FINIS !



1 JAN 92 - P. MACDONALD
REV 23 OCT 92