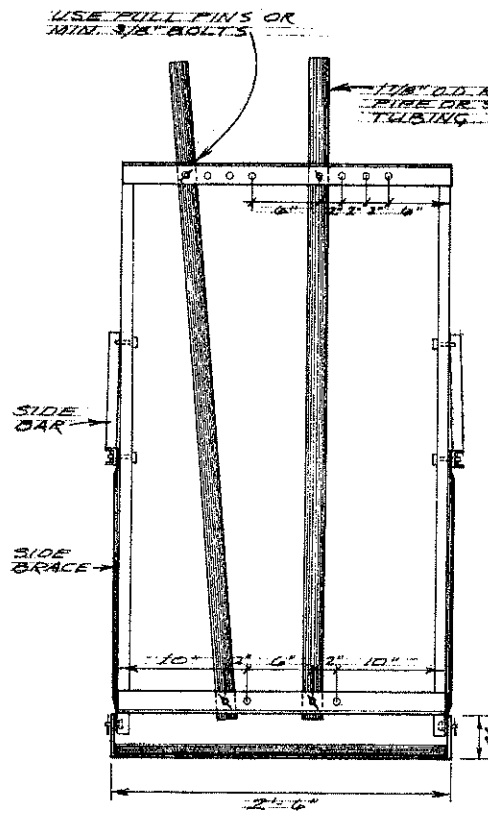
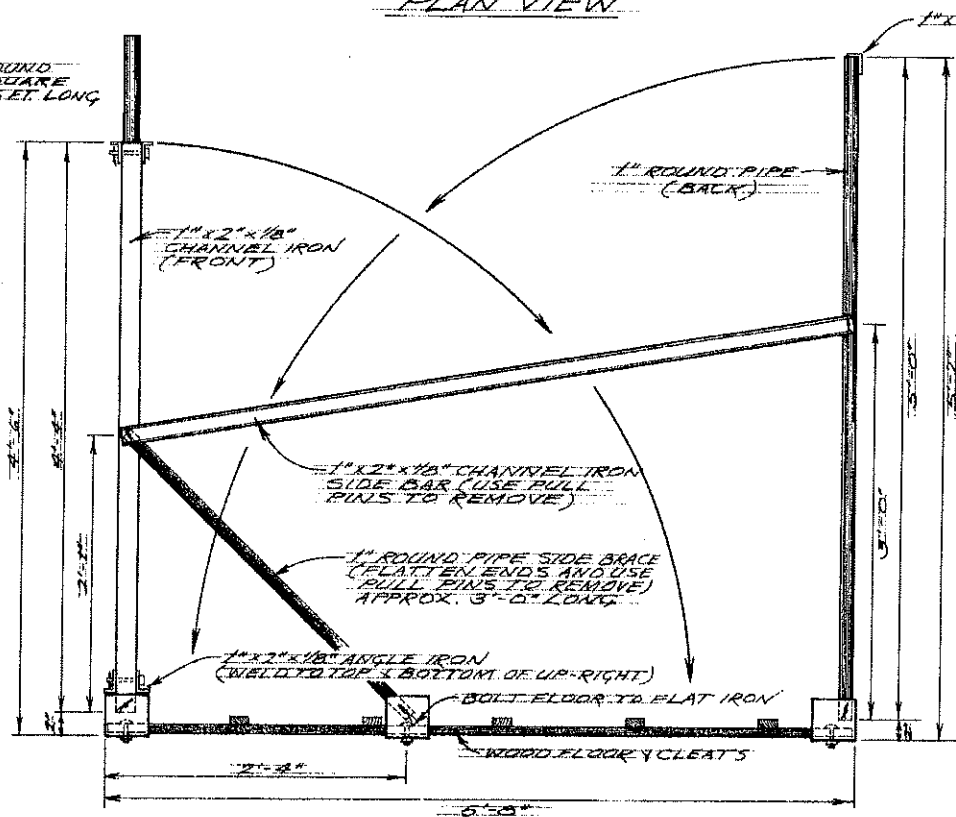


BILL OF MATERIALS		
QTY.	DESCRIPTION	SIZE
3	1/4" x 4" FLAT IRON	3'-2" LONG
5	1" x 2" x 1/8" ANGLE IRON	2'-6" LONG
2	1" x 2" x 1/8" CHANNEL IRON	4'-6" LONG
2	1" x 2" x 1/8" CHANNEL IRON	5'-8" LONG
2	1" ROUND PIPE	3'-8" LONG
2	1" ROUND PIPE	3'-8" LONG
2	1-7/8" O. D. ROUND PIPE	5'-0" LONG
1	3/4" PLYWOOD EXT. GRADE	2'-5" x 5'-8"

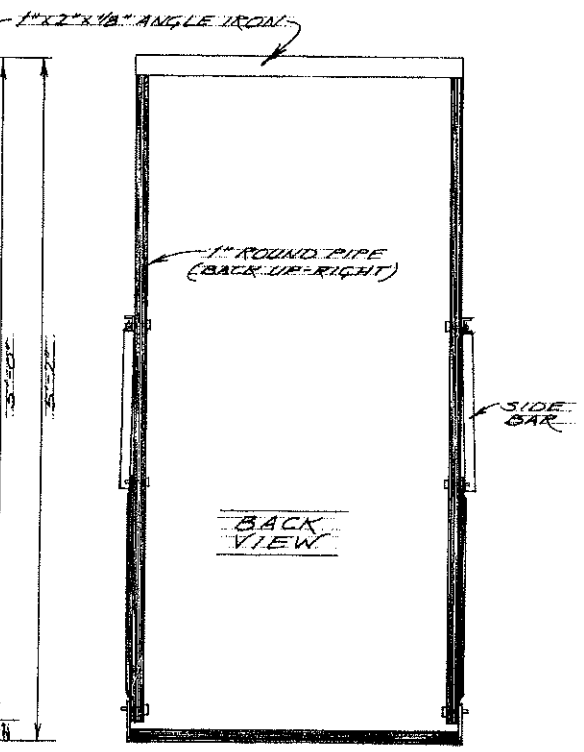
PLAN VIEW



FRONT VIEW



SIDE VIEW



BACK VIEW

PORTABLE ECO-OP
CATTLE TRIMMING CHUTE

NORTH DAKOTA PLAN # N.D. 871-7-3

PREPARED BY: ND SU. EXTENSION AGR. ENG. DEPT.

DATE: 4/5/77

APPROVED BY: DEXTER JOHNSON

DRAWN BY: R. COSSETTE

REVISED

CHT. J. DE J.

NOTE: THIS PLAN HAS BEEN PREPARED FROM A UNIT DESIGNED BY: ROSS DANIELSON, ANIMAL SCIENTIST, AND BUILT BY ND SU. AN. SCI. DEPT.