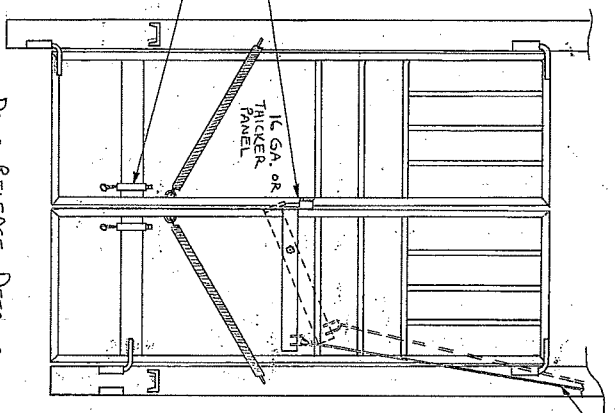
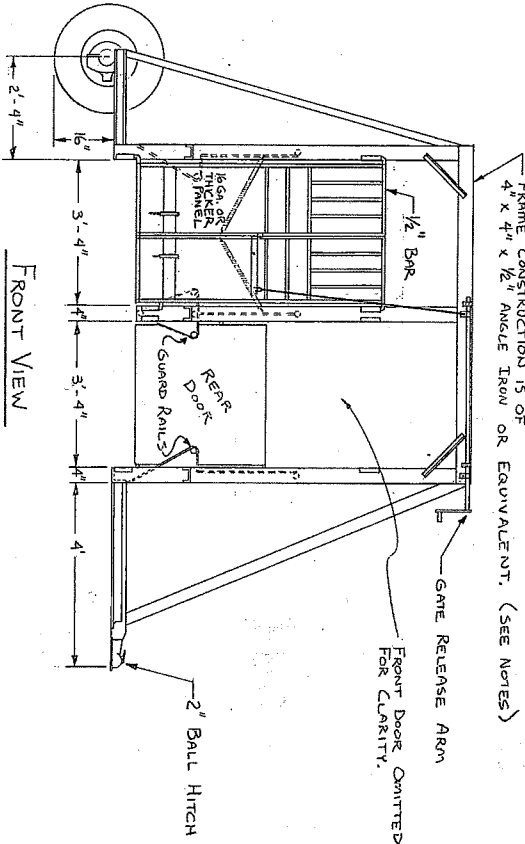
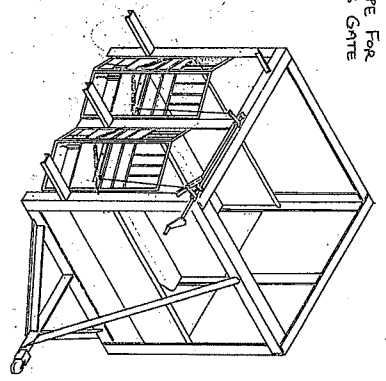


TOP VIEW

DOOR RELEASE DETAILS

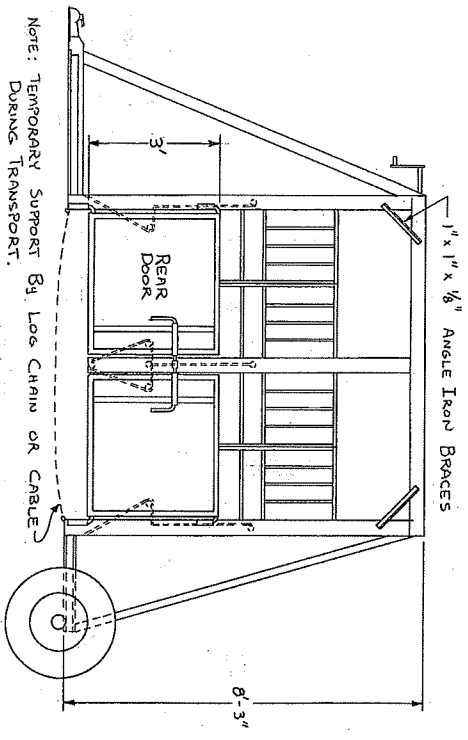


THIS UNIT IS THE MINIMUM SIZE FOR TRAINING AND PRACTICING WITH RACE HORSES. OTHER UNITS THAT HANDLE MORE HORSES ARE ALSO USED. HORSES ARE PUT IN STALL, THEN GATES ARE RELEASED SIMULTANEOUSLY WHEN RACE BEGINS. SMOOTH, FAST OPENING GATES ARE ESSENTIAL.



FRONT VIEW

REAR VIEW



- NOTES:
1. FRAMEWORK AND MOST OTHER JOINTS ARE WELDED CONSTRUCTION.
 2. EXTRA LOG CHAIN OR CABLE NEEDED FOR LOWER SUPPORT DURING TRANSPORT.
 3. GUARD RAILS ARE USED FOR STOCKY TO MOUNT.
 4. USED REAR GRADER BLADES, (HIGH CARBON STEEL) HAD BEEN USED FOR FRAMEWORK OF UNIT FROM WHICH THIS DRAWING WAS DEVELOPED.

2 HORSE RACE STARTING GATE			
ADAPTED FROM UNIT CONSTR. BY	DESIGNED BY		
ORLY ROLLER, HARVEY N.D.	K. BEARD		
PREPARED BY:	EXTENSION AGRICULTURAL ENG.		
JULY 1985	ND SU FARGO N.D.		
APPROVED BY:	DRAWING NUMBER		
DEXTER JOHNSON, EXT. AG. ENGR.	ND 871-2-3		
PAT CARPENTER, ALEXANDER CO. A/E			