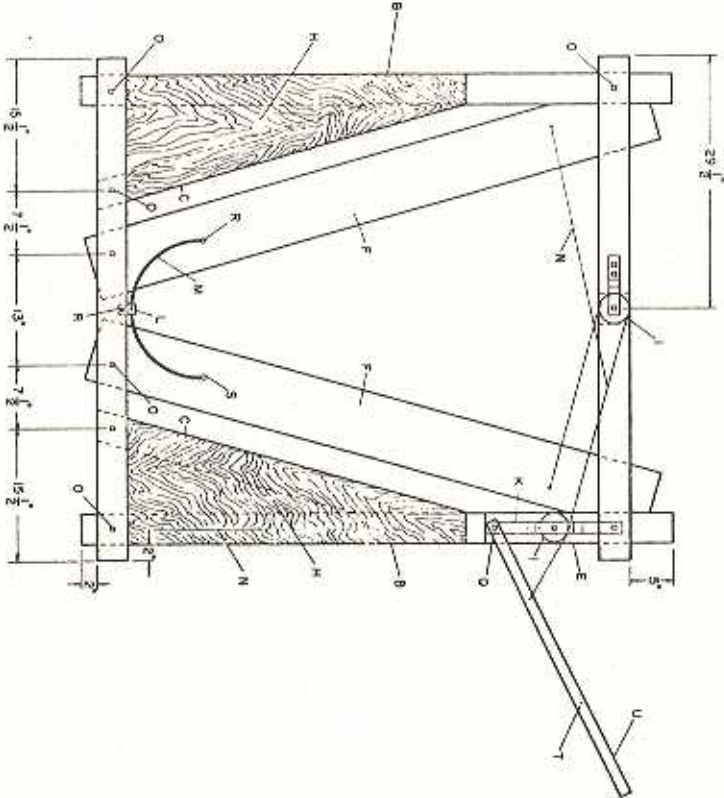
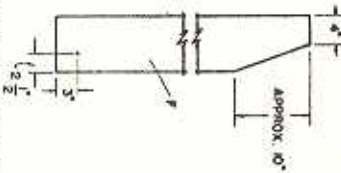


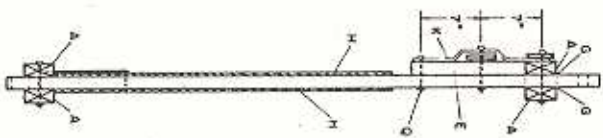


TOP VIEW

NECK BOARD DETAIL



FRONT VIEW



SIDE VIEW  
HANDLE NOT SHOWN

MATERIAL LIST

ITEM NO.	DESCRIPTION
A	4 2"x4"x59" HORIZONTALS
B	2 2"x4"x69" UPRIGHTS
C	2 2"x4"x45" BRACE
D	2 2"x4"x4" BLOCK
E	1 2"x4"x13" BLOCK
F	2 2"x8"x67" NECK BOARD
G	1 2"x4"x4" HANDBOARD SPACER
H	4 1"x15"x36" EXT PLYWOOD BRACE
I	2 PULLEYS
J	1 3/8" STRAP IRON
K	1 1 1/2" X 1 7/8" STRAP IRON
L	1 1 1/2" X 4" STRAP IRON
M	1 3/8" SPRING TOOTH
N	1 1 1/2" X 12 1/2" CHAIN
O	2 1/2" X 5" MACHINE BOLT
P	1 1/2" X 6" MACHINE BOLT
Q	1 1/2" X 3 1/2" MACHINE BOLT
R	5 1/2" X 2" MACHINE BOLT
S	2 1 1/2" CUT WASHER
T	1 HOOK
U	1 1/2" X 36" PIPE

NOTES

1. WELD CUT WASHER (S) TO SPRING TOOTH (M).
2. 3/8" CABLE MAY BE SUBSTITUTED FOR CHAIN (N).
3. USE PRESSURE TREATED LUMBER FOR LONGER LASTING HEADGATE.
4. HEADGATE MAY BE MOUNTED ON CHUTE IF DESIRED.
5. LENGTH OF BOLTS BASED ON KILN DRIED LUMBER.

DESIGN BY: WYROW PAINE & PAT LEWIS  
ACKNOWLEDGEMENT IS MADE  
TO WALK THRU HEADGATE  
(EXTENSION FORESTER) FOR  
HIS CONTRIBUTION TO THIS  
DESIGN.

COOPERATIVE EXTENSION WORK IN  
AGRICULTURE AND HOME ECONOMICS  
DEPARTMENT OF AGRICULTURAL ENGINEERING  
UNIVERSITY OF MARYLAND  
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UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

WALK-THRU HEADGATE

OKLA. 69      6077      SHEET 1 OF 1