



GROSS SECTION THRU SQUEEZE

HINGE DETAIL

ANCHOR DETAIL

NOTE: SQUEEZE PARTS AND ALL WOOD IN CONTACT WITH EACH OTHER SHOULD BE PRESERVED OR TREATED WITH PRESERVATIVE.

2" PIPE, 6'-0" LONG WITH EYEBOLT FOR CHAIN  
 6'-6" x 1"-0"  
 1/2" x 2 1/4" x 2" STOP  
 8" x 8" x 10'-0" POSTS  
 1" GALV. PIPE, 4'-0" LONG, EQUALLY SPACED (ABOUT 8 1/2" O.C.)  
 4" x 6"  
 2" x 6" PLANKS  
 FOOTING (ALONG SLAB)  
 4" x 6" x 8'-0"  
 3/4" x 1/2" STEEL L, NOT LESS THAN 1/4" THICK  
 4" x 6" x 9'-0" FILLER BLOCK AT POSTS  
 1/2" x 3/8" STEEL STRAP 8" LONG  
 2-3/8" x 8" BOLTS  
 WELDED JOINT  
 4" x 6" x 10'-0" AT CENTER OF FIXED SIDE  
 1/2" x 3/8" STEEL L  
 18" x 1 1/2" x 12" FOOTINGS (4 REQ'D.)  
 5/8" x 11'-0" LAG SCREW

SQUEEZE

CUTTING GATES

CHUTE

DOUBLE POSTS, BOLTED AT TOP

TAPERED PULLER AT EACH SIDE OF ENTRANCE TO PREVENT BUILDING UP!

BEND 90°

6" x 3/8" STEEL PLATE WITH 3/8" SLOT FOR 1/2" CHAIN, DRILL FOR 1/2" BOLTS  
 CATCH PLATE FOR SQUEEZE

HEAD GATE LATCH (FOR HINGED HEAD GATES)

STEEL GUIDE 6" STOP  
 3/8" x 2 1/4" BAR

DRILL FOR 5/8" x 5" LAG SCREW  
 STEEL BAR OR PIPE, LENGTH TO SUIT GATE USED  
 1 1/2" x 2" STEEL LATCH BARS WELDED TO HEADGATE WITH TWO 3/4" CARRIAGE BOLTS.

DIMENSIONS BASED ON USE OF FULL SIZE ROUGH LUMBER, CHECK ON THE JOB, BEFORE DRILLING HOLES

5/8" CARRIAGE BOLTS

SMALLER, 3" LENGTH OF 3" PIPE  
 PLATE WASHERS  
 1/2" BOLT

ALL 2x4'S EXCEPT AS NOTED

HEAD GATE NO 1 (HINGED)

HEAD GATE NO 2 (HINGED)

HEAD GATE NO 3 (FIXED)

\* NOTE: LONGER POSTS ARE REQUIRED IN THIS HEAD GATE IS USED

HEAD GATE HINGE

ALT. HEAD GATE

COOPERATIVE EXTENSION WORK  
 AGRICULTURE AND HOME ECO  
 DEPARTMENT OF AGRICULTURAL ENGINEERING  
 UNIVERSITY OF MARYLAND  
 AND  
 UNITED STATES DEPARTMENT OF AGRICULTURE

CATTLE SQUEEZE AND HEAD GATES

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