



DOUBLE POSTS,
BOLTED AT TOP

TAPERED FILLER AT
EACH SIDE OF ENTRANCE
TO SQUEEZE (TO
PREVENT BRUISING)

BEND 20°
6"x6"x3/8" STEEL PLATE
WITH 3/8" SLOT FOR 1/4"
CHAIN, DRILL FOR 1/2" BOLTS
CATCH PLATE FOR SQUEEZE

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

DRILL FOR
5/8"x8" LAG
SCREW

3/4" ROD 4" LONG
WELDED TO 3/8"x2"
STEEL BAR 24" LONG

STEEL BAR OR
PIPE, LENGTH
TO SUIT GATE
USED

3/8"x2"x14" BAR

STEEL GUIDE
& STOP

5/8" CARRIAGE BOLTS

2"x6"x8'-0"

1/2" CAR. BOLT

SPACER, 3" LENGTH OF 3" PIPE

PLATE WASHERS

1/2" BOLT

HEAD GATE LATCH
(FOR HINGED HEAD GATES)

1/2"x2" STEEL LATCH BARS
ABOUT 14" LONG. FASTEN
TO HEADGATE WITH TWO
1/2" CARRIAGE BOLTS.

CLEAR FOR
SECURING
1/2" ROPE

2"x12"x8'-0"

2"x10"x4'-2"

3/8"x 5"
LAG SCREW

7'-0"*

11'-0"

2'-6"

1/2"x2" STEEL STRAP
1/2" BOLT WITH
WASHERS

3/8"x2" LAG SCREWS

HEAD GATE NO 3
(FIXED)

* NOTE: LONGER POSTS ARE REQ'D.
IF THIS HEAD GATE IS USED.

HINGE LEAF

5/8" HINGE PIN

HINGE LEAF

2"x6"x6'-7"

TWO 1/4"x2"x16"
STEEL STRAPS

2"x4"x4'-0"
RATCH

1"x6" SLATS

2"x4" TO CLEAR
NECK BAR IN
OPEN POSITION

2"x6"x6'-0"

1/2" PIN

5'-10"

4'-2"

GRADE 2"

HEAD GATE NO 2
(HINGED)

ALL 2"x6" EXCEPT AS NOTED

1/4"x4"x12"
STEEL PLATE
TO ENGAGE
RATCH

2"x10"
FILLER

2"x8"

4'-2"

5'-4"

GRADE 2"

HEAD GATE NO 1
(HINGED)

ALL 2"x6", EXCEPT AS NOTED

8" HOLE FOR
5/8" ROD

3/4"x4 1/2"
PIN WELD
IN PLACE

PIN FOR
UPPER LEAF

POST & GATE LEAVES
1/2"x2" STEEL, DRILL
FOR 1/2" BOLTS &
LAG SCREWS

WELD ALL
JOINTS

HEAD GATE HINGE

ALT. HEAD GATE HINGE

2" PIPE, 6'-0" LONG
WITH EYEBOLT
FOR CHAIN

4'-6"x7'-10"

1/2"x3"x4" L STOP

8"x8"x10'-0" POSTS

1" GALV. PIPE, 4'-0" LONG,
EQUALLY SPACED
(ABOUT 8 1/2" O.C.)

4"x6"

4"x6"x9'-0"

2"x6" PLANKS

FOOTING

4" CONC. SLAB

6'-0"

4'-0"

3"x4" STEEL L, NOT
LESS THAN 1/4" THICK

4"x6"x8'-0"

2'-10"

13"

2'-2"

FILLER BLOCK
AT POSTS

CROSS SECTION THRU SQUEEZE

4"x6"

1/2"x3/2" STEEL
STRAP

2-3/4" BOLTS

WELDED JOINT

HINGE DETAIL

4"x6"x1'-10"
AT CENTER
OF FIXED
SIDE

1/2"x3"x4" STEEL L
12" LONG

7/8" BOLT

5/8"x6" LAG SCREW

18"x18"x12" FOOTINGS
(4 REQ'D.)

18"

12"

16"

ANCHOR DETAIL

NOTE:
SQUEEZE PARTS AND
ALL WOOD IN CONTACT
WITH EARTH SHOULD BE
PRESSURE-TREATED WITH
CREOSOTE OR OTHER
PRESERVATIVE

COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS

AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

**CATTLE SQUEEZE
AND HEAD GATES**

LA. '54 EX. 5789 SHEET 1 OF 1