WINCH NOTE: Suggest Power Take off or 12-Volt Motor powered WINCH.

HITCH NOTE: A Gooseneck or heavy duty Ball Hitch maybe preferred - check Tractor & Truck Hitch Dimensions.

PORTABLE CORRAL TRANSPORT

ORIGINAL DESIGN: FRED VOORHEES, YERBA BUENA RANCH, NOGALES, ARIZONA.
NOTE: Suggest TECO SQUARE BOLT GATE LATCH for all 3 PARTITION GATES.

REAR VIEW of TRAILER W/LOADING RAMP DOWN, RIGHT WING IN CARRY POSITION & LEFT WINGS EXTENDED TO SHOW DETAIL.

SECTION B-B FLOOR FRAME - TRUSS

FLOOR FRAME PLAN

NOTE: Other Wheel Systems may also be used in Tandem
1. Straight Axle W/Leaf Springs
2. Straight Axle — no Springs
An increased Truss Clearance to 14" would be desirable for range conditions. This can be done by increasing Tire Size or via Raised Axle. Torsion Spring Axle is a short drop Axle that tends to drop slightly more as load increases.

CAUTION: Expected Maximum Load will approach 7 tons. Therefore, Specify each Axle & Wheel System to carry at least 3 1/2 tons (non highway use and less than 20 mph) when ordering from Carriage Manufacturer.

* Gross Brace Locations — also suggested Diagonal Braces from right front to left rear and left front to right rear of Trusses.
PIPE FRAME & COLLAR OR HINGE SCHEDULE ALTERNATES

POST
SHOWN 1½" Ø xs pipe 3.69" ft. 19" O.D.
ALT 1. 2" Stn (or xs or xx) 3.65 ²/₃ ft. 2.375 O.D.
ALT 2. 2½" Stn pipe 5.75" ft. 2.875" O.D.

HINGE OR COLLAR
2" Ø Stn pipe 3.65" ft. 2.07" I.D.
2½" Ø Stn pipe 5.75" ft. 2.47" I.D.
3" Ø Stn pipe 7.62" ft. 3.07" I.D.

Steel Plate for Wing Pin on both edges of Ramp—not always used—depends on Range Topography

SECTION OF RAMP

L½" x 2½" x 8"
1½" pin
1½" pipe
Plate Floor
4" C

ZERK
HINGE A

Stop 2" Ø Stn pipe

HINGE B

HINGE C

Sleeve welded to inside of Hitch.

Pin in stand position

Pipe with holes for stand & Carry position.

5/8" x 8" x 8" Base

PARKING STAND

SYMBOLS
Ø = DIAMETER
O.D. = OUTSIDE DIAMETER
I.D. = INSIDE DIAMETER
L = ANGLE
C = CHANNEL
Stn = STANDARD
xs = EXTRA STRONG
xxs = DOUBLE EXTRA STRONG

LSU AgCenter

PORTABLE CORRAL TRANSPORT
ARIZ. '68 EX 6041 SHEET 3 OF 3
Disclaimer

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