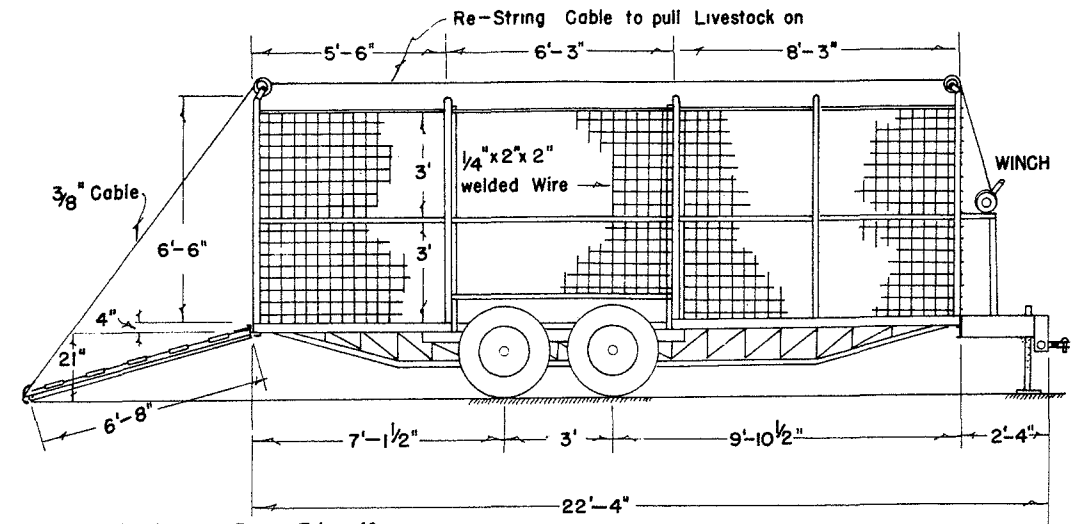
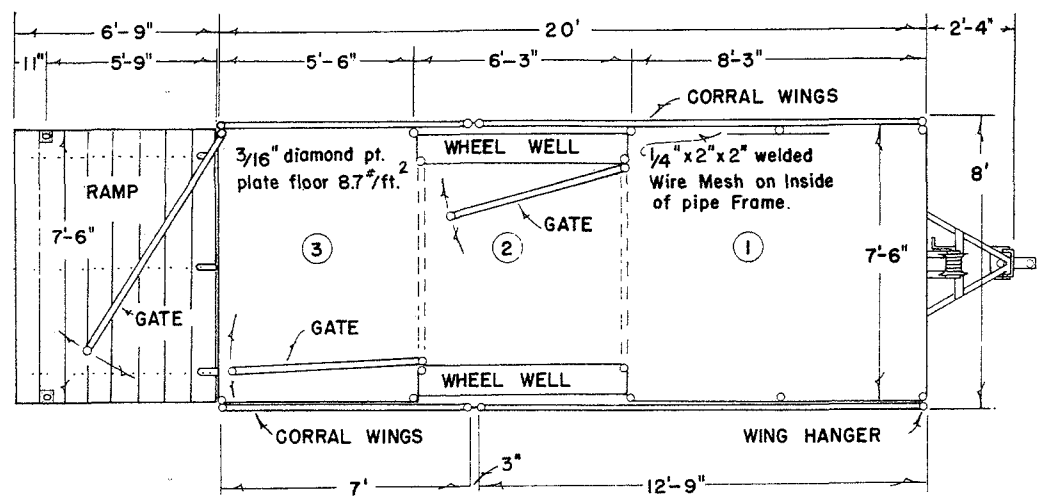


HITCH NOTE: A Gooseneck or heavy duty Ball Hitch maybe preferred — check Tractor & Truck Hitch Dimensions.



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

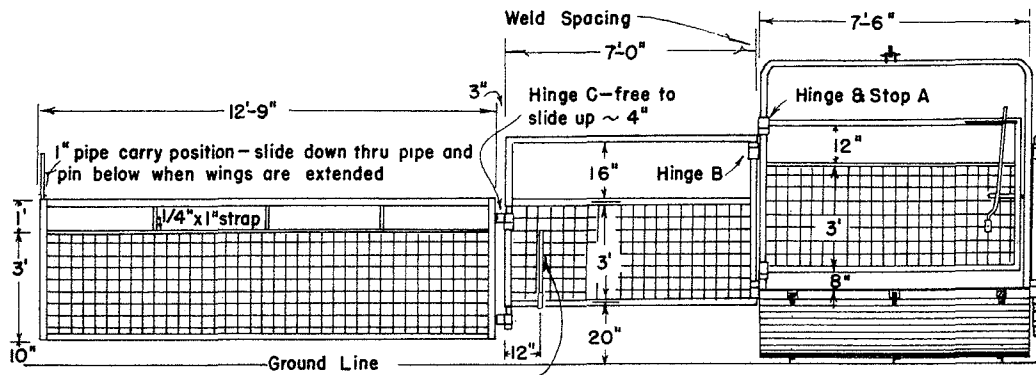


- ① 6 Cows
- ② 6 Calves
- ③ 2 Saddle Horses
- ① + ② + ③ 25 Calves (400 #)



PORTABLE CORRAL TRANSPORT

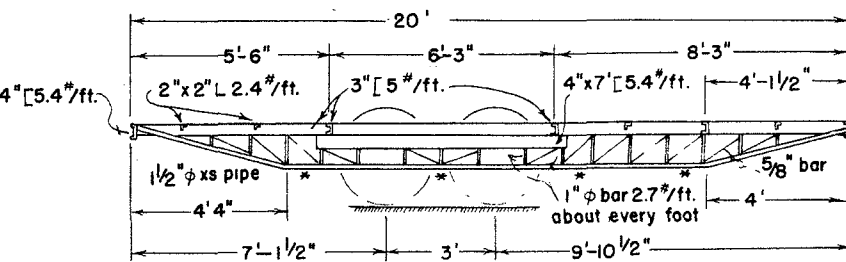
ORIGINAL DESIGN: FRED VOORHEES,
YERBA BUENA RANCH, NOGALES, ARIZONA.



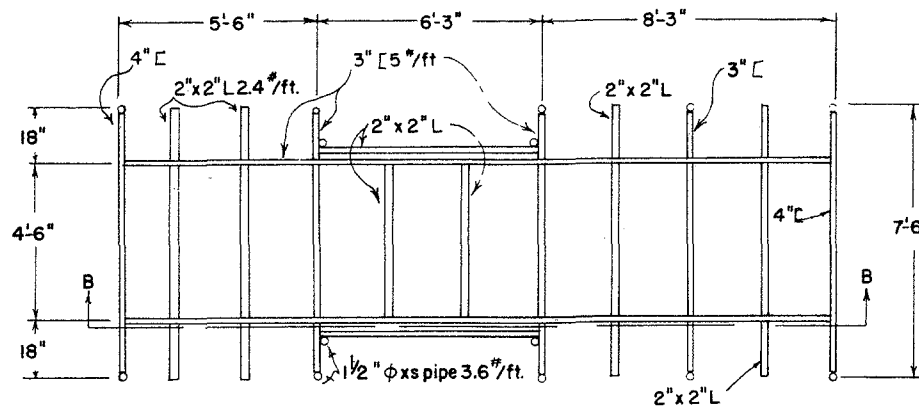
NOTE: Suggest TEGO SQUARE BOLT GATE LATCH for all 3 PARTITION GATES.

1" pipe carry position—slide down and insert into rear of ramp when wings are extended

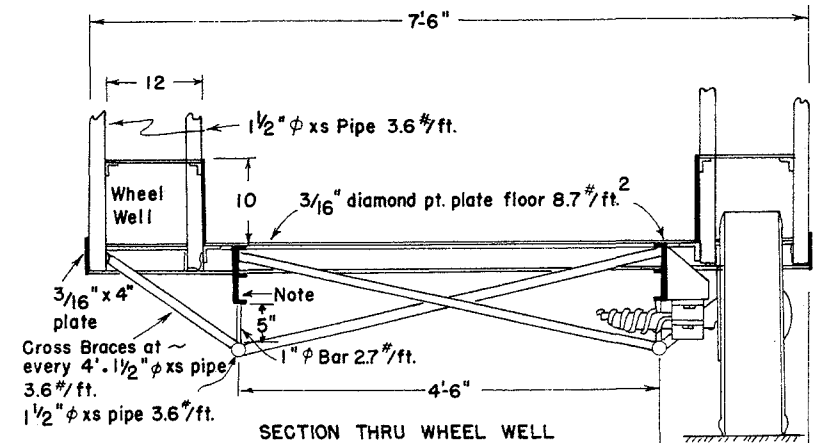
REAR VIEW of TRAILER W/LOADING RAMP DOWN, RIGHT WING IN CARRY POSITION & LEFT WING EXTENDED TO SHOW DETAIL.



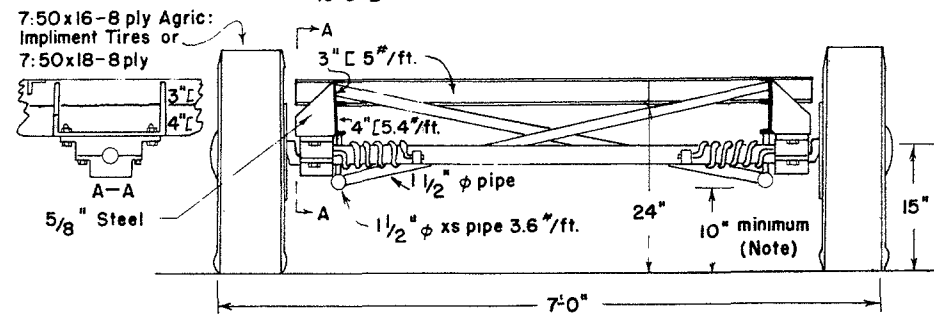
SECTION B-B FLOOR FRAME-TRUSS



FLOOR FRAME PLAN



NOTE: 4" C ends just beyond Wheel Well & 1" phi Bar extends to 3" C



TANDEM AXLE W/TORSION SPRINGS

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

* Cross Brace Locations — also suggested Diagonal Braces from right front to left rear and left front to right rear of Trusses.



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ARIZ. '68 EX. 6041 SHEET 2 OF 3

PIPE FRAME & COLLAR OR HINGE SCHEDULE ALTERNATES

POST

HINGE OR COLLAR

SHOWN $1\frac{1}{2}$ " ϕ xs pipe 3.6[#]/ft. 1.9" O.D.

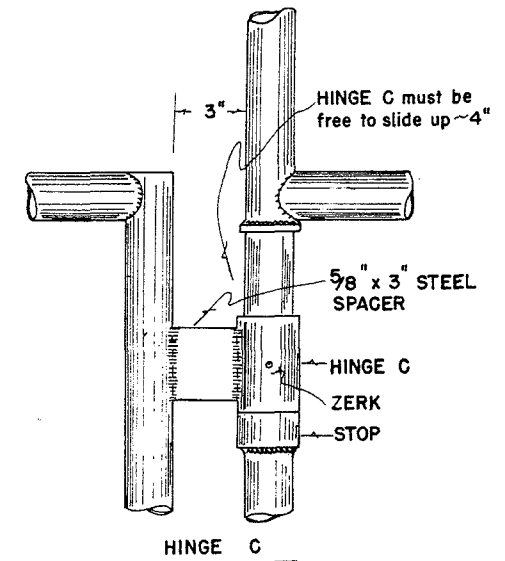
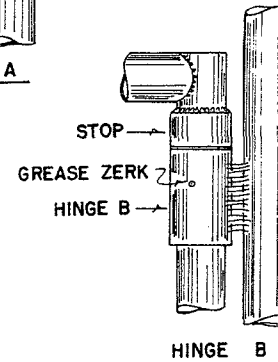
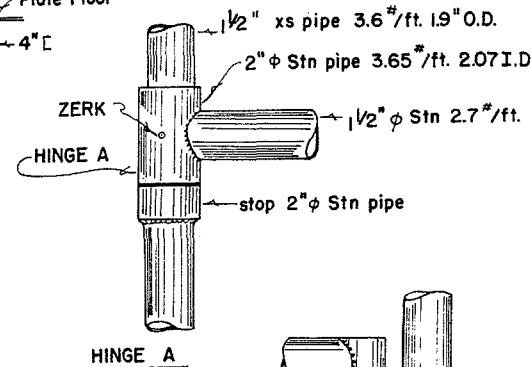
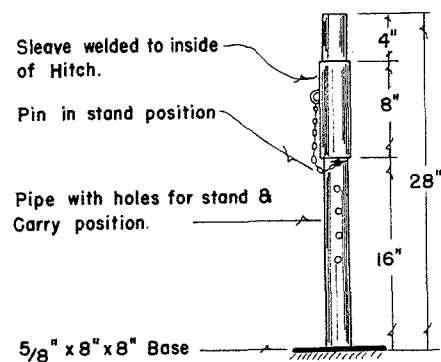
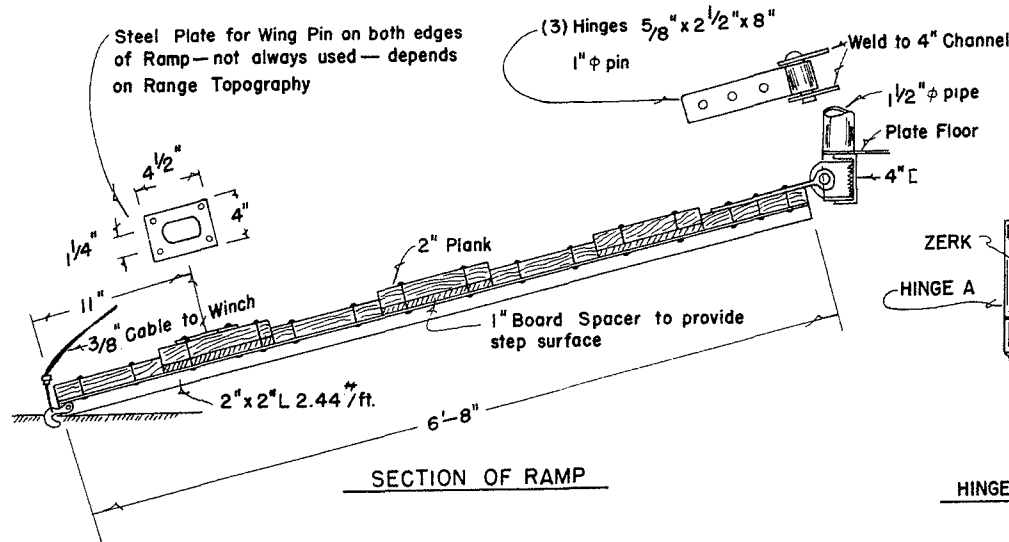
2" ϕ Stn pipe 3.65[#]/ft. 2.07" I.D.

ALT. 1. 2" Stn (or xs or xxs) 3.65[#]/ft. 2.375" O.D.

2 $\frac{1}{2}$ " ϕ Stn pipe 5.79[#]/ft. 2.47" I.D.

ALT 2. 2 $\frac{1}{2}$ " Stn pipe 5.79[#]/ft. 2.875" O.D.

3" ϕ Stn pipe 7.62[#]/ft. 3.07" I.D.



SYMBOLS

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



PORTABLE CORRAL TRANSPORT

ARIZ. '68 EX. 6041 SHEET 3 OF 3

Disclaimer

This site makes available conceptual plans that can be helpful in developing building layouts and selecting equipment for various agricultural applications. These plans do not necessarily represent the most current technology or construction codes. They are not construction plans and do not replace the need for competent design assistance in developing safe, legal and well-functioning agricultural building system. The LSU Agriculture Center, the Mid-West Plan Service, the United States Department of Agriculture and none of the cooperating land-grant universities warranty these plans.