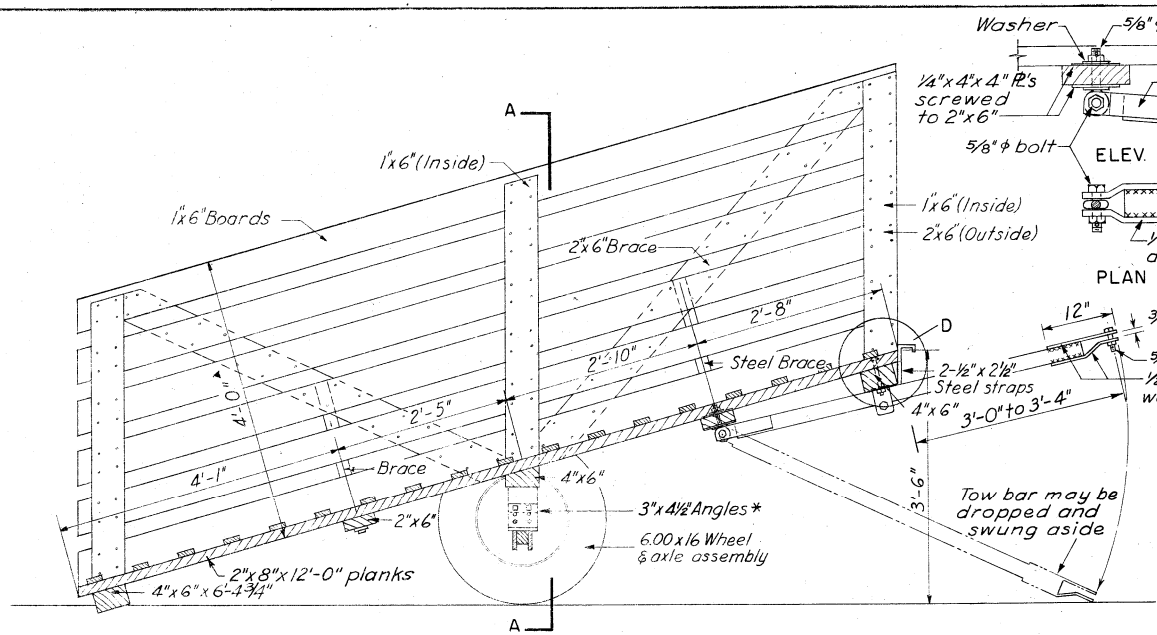
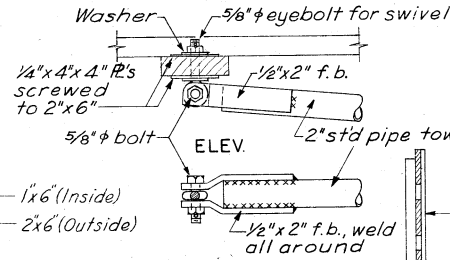
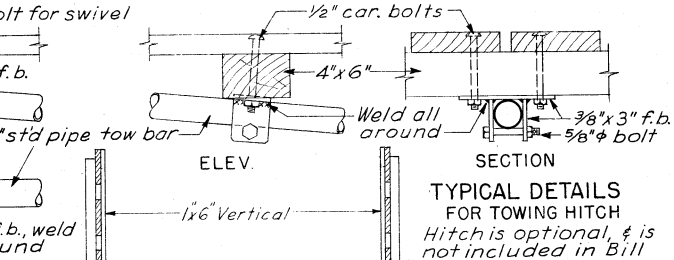
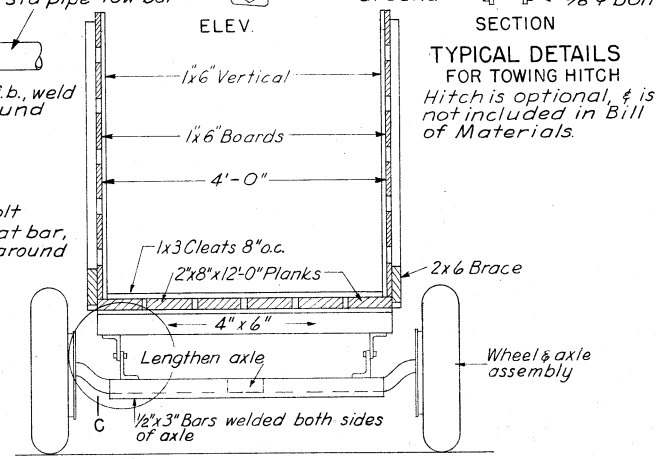


LONGITUDINAL SECTION





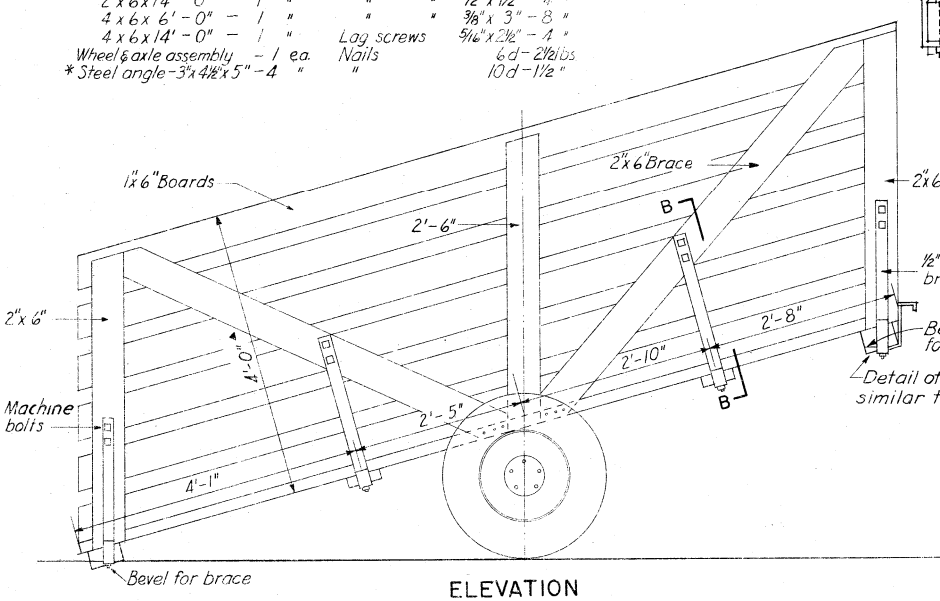
TYPICAL DETAILS
FOR TOWING HITCH
Hitch is optional, & is not included in Bill of Materials.



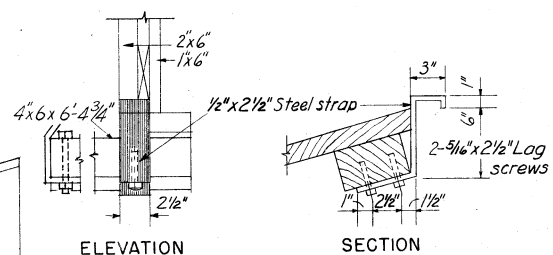
CROSS SECTION A-A

Lumber
- 1 x 3 x 8'-0" – 12 pcs.
- 1 x 6 x 8'-0" – 3 "
- 1 x 6 x 12'-0" – 12 "
- 2 x 6 x 8'-0" – 3 "
- 2 x 6 x 12'-0" – 1 "
- 2 x 6 x 14'-0" – 1 "
- 4 x 6 x 6'-0" – 1 "
- 4 x 6 x 14'-0" – 1 "
- Wheel & axle assembly – 1 ea.
- * Steel angle – 3"x4½"x5" – 4 "

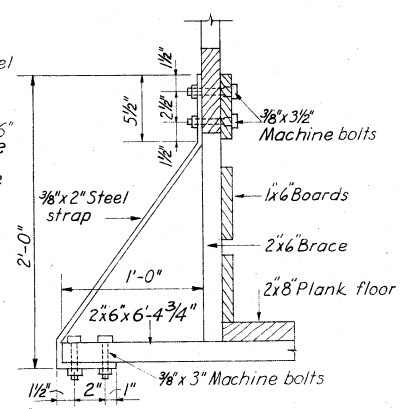
Steel strap – ⅜"x2"x2'-10" – 4 ea.
⅜"x2"x2'-0" – 4 "
½"x2½"x1'-4" – 2 "
Steel bars – ½"x3"x3'-10" – 4 "
Carriage bolts – ½"x4½" – 12 "
Machine bolts – ⅜"x3½" – 16 "
" " ½"x1½" – 4 "
" " ⅜"x3" – 8 "
Lag screws ⅝"x2½" – 4 "
Nails 6d – 2½ lbs.
" 10d – 1½ "



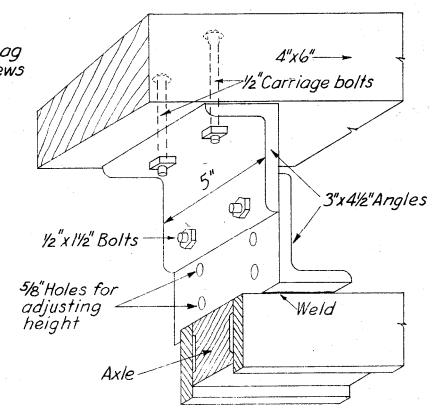
ELEVATION



DETAIL AT D



DETAIL AT B-B



DETAIL AT C

▲ NOTE: Increase to 5'-0" for range cattle.

*NOTE: Size of angle may vary depending on type of wheel and axle assembly used.

COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS
STATE OF TENNESSEE
UNIVERSITY OF TENNESSEE
AND
UNITED STATES DEPARTMENT OF AGRICULTURE COOPERATING

MOVABLE CHUTE
FOR LOADING CATTLE

USDA '48	EX. 5681	SHEET 1 OF 1