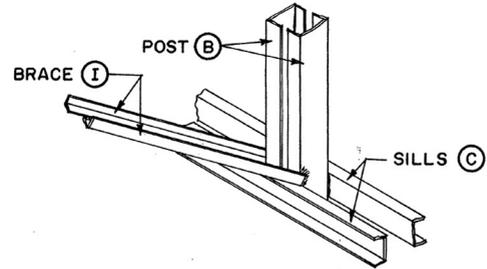
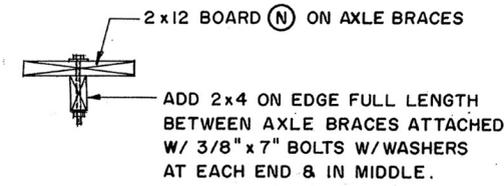


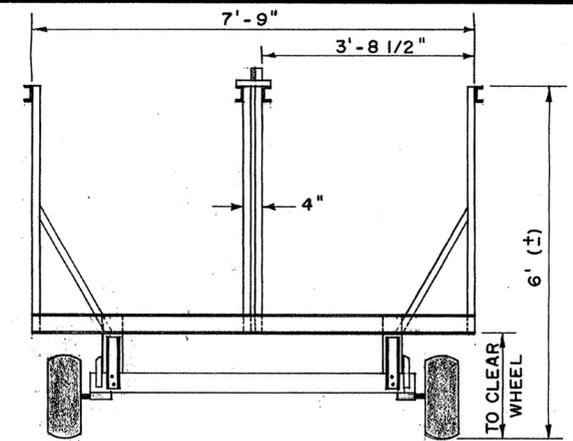
DETAIL A
BOLSTER MOUNTING DETAIL
(BOLTS SECURE FRAME TO WAGON)



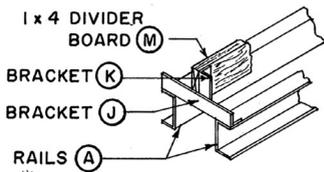
DETAIL B
CENTER POST & BRACE DETAIL



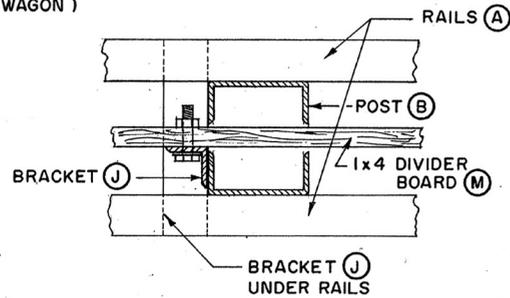
DETAIL C
REINFORCING STEP BOARD (IF REQ'D.)



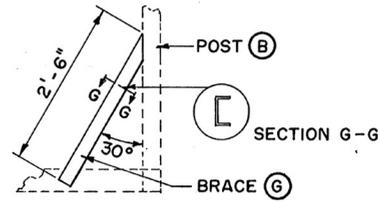
REAR VIEW



DETAIL D
ENDS OF CENTER RAILS



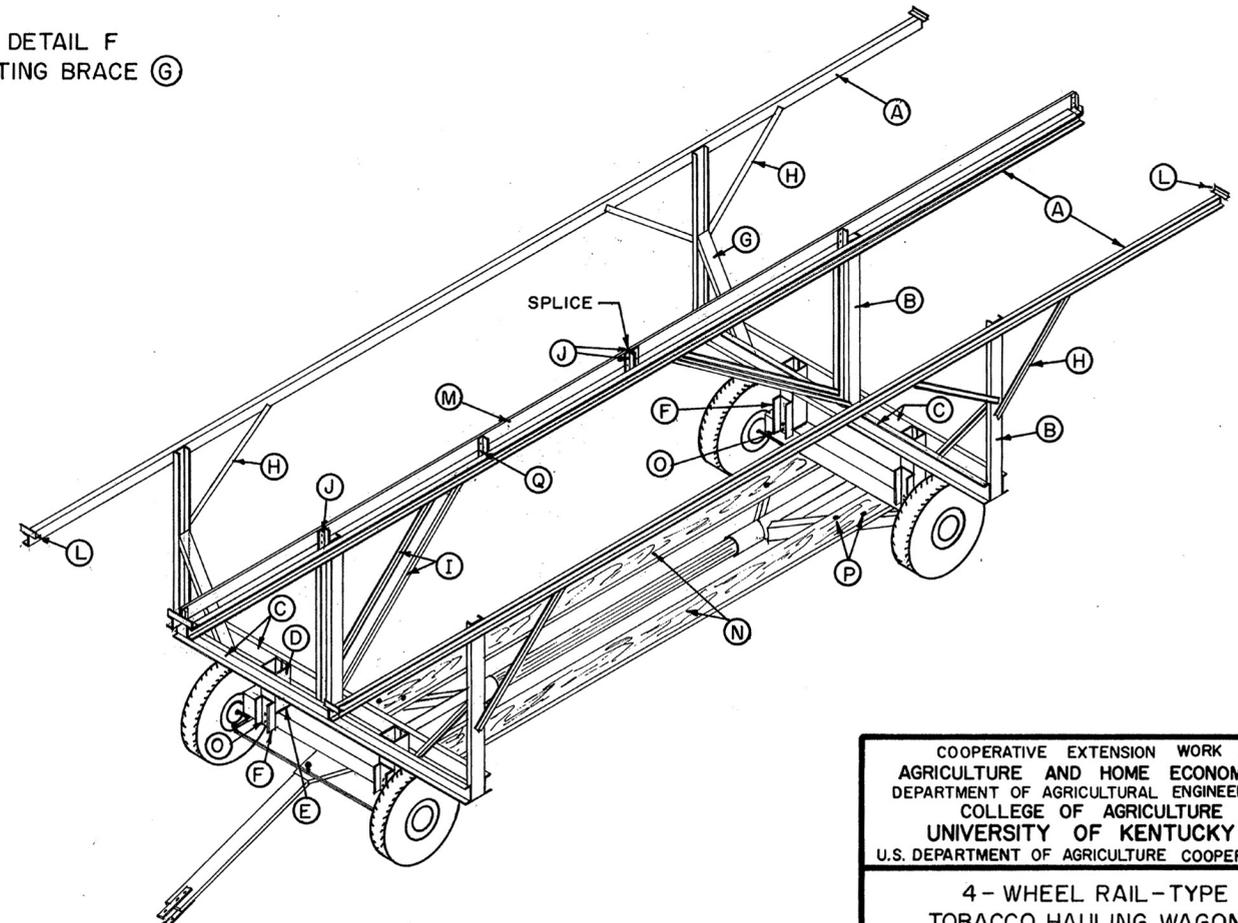
DETAIL E
TOP VIEW - CENTER POSTS,
RAILS, & DIVIDER BOARD



DETAIL F
CUTTING BRACE (G)

BILL OF MATERIALS

ITEM	SIZE	LENGTH	QUANTITY
A. Rails	3" X 1 1/2" X .170" (4.1 #/ft) Channel	24'	4 Each
B. Posts	3" X 1 1/2" X .170" (4.1 #/ft) Channel	4' Approx.	8 Each
C. Sills	3" X 1 1/2" X .170" (4.1 #/ft) Channel	7'-9"	4 Each
D. Supports	3" X 1 1/2" X .170" (4.1 #/ft) Channel	12" to 15" (To clear wheel +3" for sill)	8 Each
E. Plate	3" X 3" X 1/4" (Welded to Bottom End of D.)		4 Each
F. Mtg. Brackets	3" X 1 1/2" X .170" (4.1 #/ft) Channel	12"	4 Each
G. Cross Braces	3" X 1 1/2" X .170" (4.1 #/ft) Channel	2'-6"	4 Each
H. Side Braces	1 1/2" X 1 1/2" X 3/16" Angle Iron	3'-6"	6 Each
I. Center Braces	1 1/2" X 1 1/2" X 3/16" Angle Iron	6'-0"	4 Each
J. Brackets	1 1/2" X 1 1/2" X 3/16" Angle Iron	7"	9 Each
K. Brackets	As above	4"	2 Each
L. Stick-Stop	Angle as above or flat strap	1 1/2"	4 Each
M. Divider Board	1" X 4:	12'	2 Each
N. Step-Boards	2" X 12" Wood	14'	2 Each
O. Bolts	1/2" X 1" Machine	1"	8 Each
P. Bolts	3/8" X 3" Machine	3"	8 Each
Q. Bolts	1/4" X 1 1/2" Machine	1 1/2"	14 Each



COOPERATIVE EXTENSION WORK IN
AGRICULTURE AND HOME ECONOMICS
DEPARTMENT OF AGRICULTURAL ENGINEERING
COLLEGE OF AGRICULTURE
UNIVERSITY OF KENTUCKY &
U.S. DEPARTMENT OF AGRICULTURE COOPERATING

4 - WHEEL - RAIL - TYPE
TOBACCO HAULING WAGON

Designed By: G. A. DUNCAN Sheet 1 of 1
Checked By: Plan Number:
Drawn By: B. E. PLASTER KY. II. 735-51
Date: JULY 1971