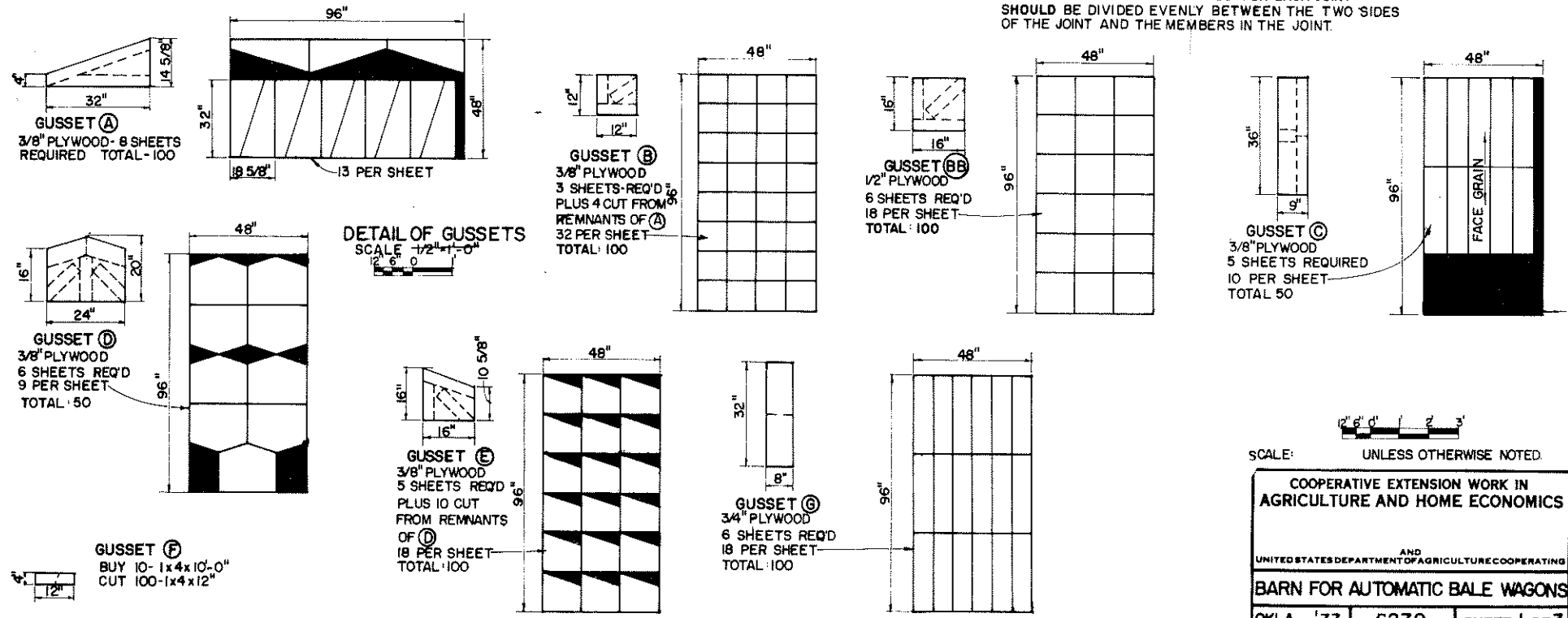


NOTE:
THE NUMBER OF NAILS SPECIFIED FOR EACH JOINT
SHOULD BE DIVIDED EVENLY BETWEEN THE TWO SIDES
OF THE JOINT AND THE MEMBERS IN THE JOINT.

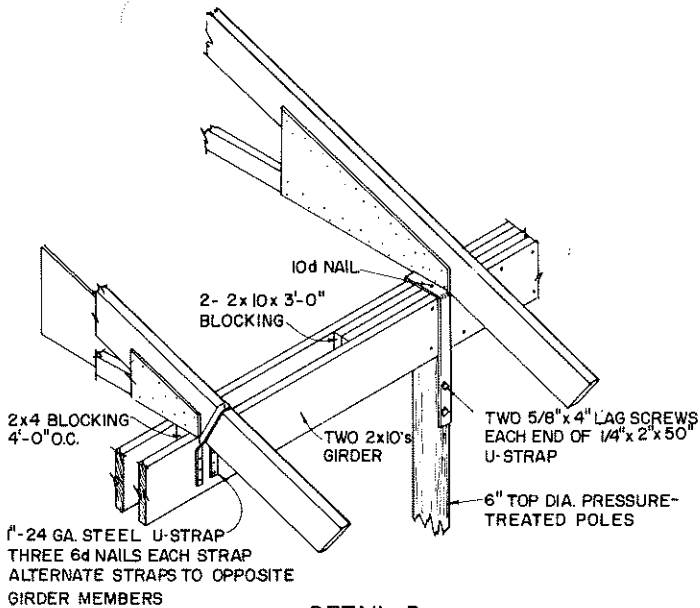


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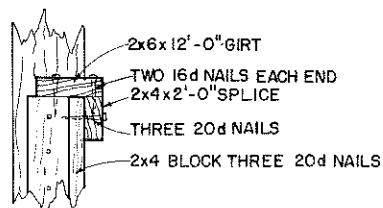
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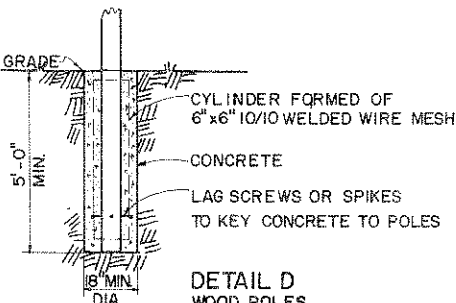
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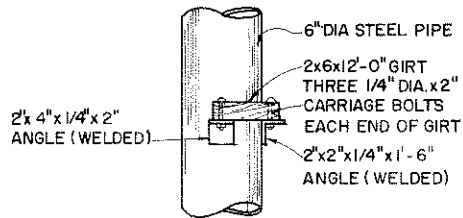
DETAIL B
(WOOD POLES)



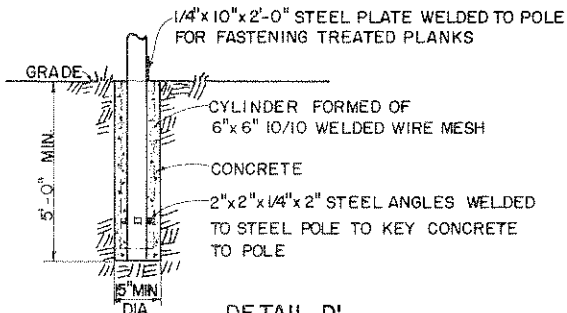
DETAIL C
WALL GIRTS
(WOOD POLES)



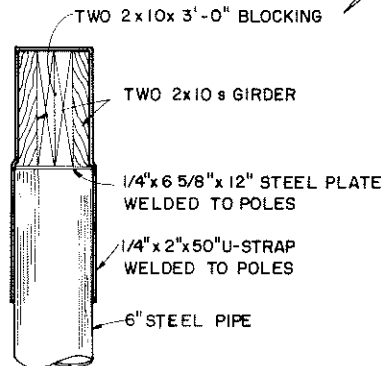
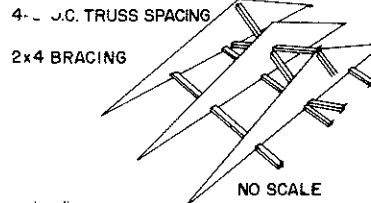
DETAIL D
WOOD POLES



DETAIL C'
WALL GIRTS
(STEEL POLES)

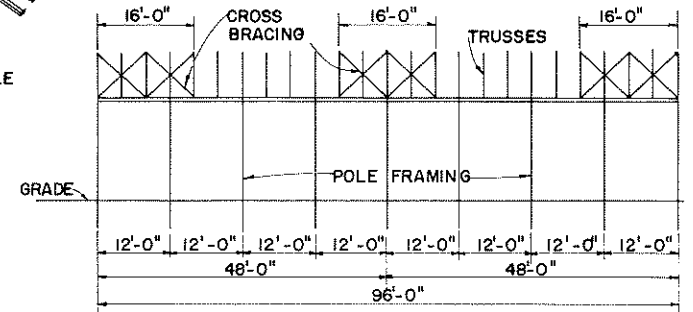


DETAIL D'
STEEL POLES

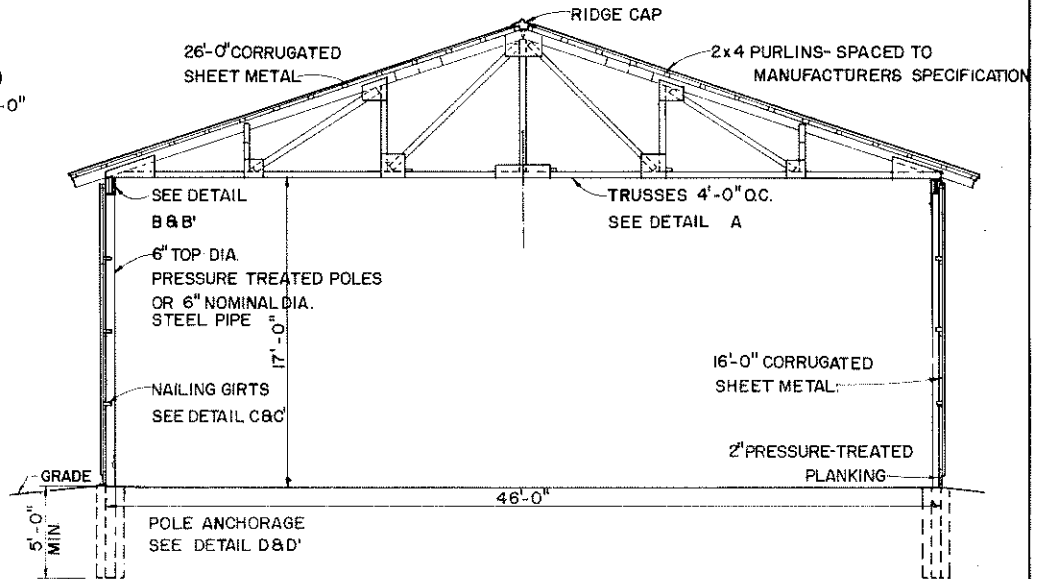


DETAIL B'
(STEEL POLES)

SCALE: 1 1/2" x 1'-0"



WIND BRACING



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BILL OF MATERIALS - BASIC BUILDING (46' x 96') - NO SIDES

POLES

WOOD - 6" MINIMUM TOP DIAMETER
10" MINIMUM BUTT DIAMETER. SELECT POLES THAT ARE STRAIGHT OR
18 - 22'-0" LENGTH (396 LIN. FT.)

STEEL - 6" NOMINAL DIAMETER STEEL PIPE
6.625" OUTSIDE DIAMETER, .280" WALL
THICKNESS. SELECT PIPE THAT IS FREE
OF DEEP RUST PITS AND APPLY RUST-PROOF
PAINT AFTER ERECTION. HOLES MUST NOT
BE DRILLED THRU THE POLES.
18 - 22'-0" LENGTH (396 LIN. FT.)

GIRDERS

<u>BUY</u>	<u>CUT</u>	
40 - 2 x 10 x 12'-0"	32 - 2 x 10 x 12'-0" 28 - 2 x 10 x 3'-0" 8 - 2 x 10 x 1'-6"	(800 BD. FT.)

BLOCKING - 2 - 2 x 4 x 12'-0" 32 - 2 x 4 x 9" (16 BD. FT.)

NAILS - 15 LBS. 10d COMMON NAILS

PURLINS - USE LAP NAILING WITH TWO 10d RING-SHANK HARDENED NAILS PER MEMBER.
224 - 2 x 4 x 14'-0" (OR NUMBER REQUIRED BY ROOF MANUFACTURER'S SPECIFIED SPACING).
(2070 BD. FT.)

NAILS - 28 LBS. 10d RING-SHANK HARDENED NAILS

ROOFING - 98 SHEETS 26'-0" CORRUGATED METAL ROOFING (51 SQUARES)

SIDING FOR GABLE ENDS - 24 SHEETS 9'-0" OR 12 SHEETS 18'-0"
CORRUGATED METAL SIDING (432 SQ. FT. = 5 SQUARES)

RIDGE CAP - 100 LIN. FT.

NAILS - 280 LBS. LEAD-HEAD, SCREW-SHANK, GALVANIZED ROOFING NAILS

TRUSSES - USE CONSTRUCTION OR NO. 2 YELLOW PINE OR BETTER

	<u>BUY</u>	<u>CUT</u>	
UPPER CHORD	50 - 2 x 8 x 20'-0"	50 - 2 x 8 x 20'-0"	(1,334 BD. FT.)
UPPER CHORD	25 - 2 x 8 x 12'-0"	50 - 2 x 8 x 6'-0"	(400 BD. FT.)
LOWER CHORD	50 - 2 x 6 x 24'-0"	50 - 2 x 6 x 23'-0"	(800 BD. FT.)
WEB	13 - 2 x 4 x 12'-0"	50 - 2 x 4 x 3'-0"	(104 BD. FT.)
WEB	50 - 2 x 4 x 10'-0"	50 - 2 x 4 x 10'-0"	(334 BD. FT.)
WEB	25 - 2 x 4 x 12'-0"	50 - 2 x 4 x 6'-0"	(200 BD. FT.)
WEB	50 - 2 x 4 x 12'-0"	50 - 2 x 4 x 11'-0"	(400 BD. FT.)
KINGPOST	13 - 2 x 4 x 16'-0"	25 - 2 x 4 x 8'-0"	(132 BD. FT.)

GUSSETS - CC EXTERIOR GRADE PLYWOOD

28 SHEETS 3/8"	SEE CUTTING DIAGRAMS
6 SHEETS 1/2"	
6 SHEETS 3/4"	
10 - 1 x 4 x 10'-0"	

NAILS - 100 LBS. 10d HELICALLY-THREADED HARDENED NAILS

WIND BRACING - 24 - 2 x 4 x 12'-0" BOTTOM CHORD	(192 BD. FT.)
12 - 2 x 4 x 12'-0" CROSS BRACING	(96 BD. FT.)

CONCRETE - 5 CU. YDS. - TO SET POLES

MISCELLANEOUS - 18 - 1/4" x 2" x 50" STEEL U STRAPS
50 - 1" x 24 GAGE x 30" METAL U STRAPS (PLUMBER'S STRAP)
2 LB. 6d COMMON NAILS
400 SQ. FT. 6" x 6" 19/16 WELDED WIRE MESH CUT
18 - 4'-6" x 5'-0" PIECES TO FORM REINFORCING CYLINDERS

WOOD POLES ONLY - 72 - 3/8" x 4" LAG SCREWS FOR U STRAPS
72 - 1/2" x 5" LAG SCREWS OR SPIKES FOR POLE ANCHORAGE

STEEL POLES ONLY - 18 - 1/4" x 6" x 12" STEEL PLATES FOR GIRDER SUPPORT
72 - 3" x 3" x 4" x 1/4" ANGLES FOR POLE ANCHORAGE

ADDITIONAL MATERIALS FOR SIDES AND ONE END

POLES

3 - 6" DIA. TOP PRESSURE-TREATED WOOD OR
3 - 6" NOMINAL DIA. STEEL PIPE POLES - 22'-0" LONG
CONCRETE - 1 CU. YD. REQUIRED TO SET POLES.
REINFORCING MESH AND UPLIFT KEYS NOT REQUIRED.

TREATED PLANKS

40 - 2 x 6 x 12'-0" OR	
20 - 2 x 12 x 12'-0"	(480 BD. FT.)

WALL GIRTS

60 - 2 x 6 x 12'-0"	(720 BD. FT.)
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SIDING

SIDE WALLS
96 SHEETS 16'-0" CORRUGATED METAL SIDING (3,072 SQ. FT. - 31 SQUARES)

END WALL

23 SHEETS 17'-0" CORRUGATED METAL SIDING (782 SQ. FT. - 8 SQUARES)
CORNER FLASHING - 40 LIN. FT.

NAILS - 200 LBS. LEAD-HEAD, SCREW-SHANK, GALVANIZED ROOFING NAILS

WOOD POLES ONLY

SPLICE AND GIRT FASTENING

<u>BUY</u>	<u>CUT</u>
11 - 2 x 4 x 12'-0"	51 - 2 x 4 x 2'-0"
(88 BD. FT.)	18 - 2 x 4 x 1'-6"
NAILS - 4 LB. 12d RING-SHANK HARDENED	
2 LB. 16d RING-SHANK HARDENED	

TREATED PLANK FASTENING

NAILS - 3 LB. 16d RING-SHANK HARDENED

STEEL POLES ONLY

SPLICE AND GIRT FASTENING

<u>BUY</u>	<u>CUT</u>
2" x 2" x 169 LIN. FT.	51 - 2" x 2" x 2'-0"
ANGLE IRON	18 - 2" x 2" x 1'-6"
	120 - 2" x 2" x 4"
BOLTS - 360 - 1/4" DIA. x 2" CARRIAGE BOLTS	

TREATED PLANK FASTENING - PLATES WELDED TO POLES

<u>BUY</u>	<u>CUT</u>
310 SQ. FT. OF	17 - 1/4" x 10" x 2'-0"
1/4" STEEL PLATES	6 - 1/4" x 10" x 1'-6"
BOLTS - 52 - 3/8" DIA. x 2 1/2" MACHINE BOLTS WITH LARGE WASHERS	

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