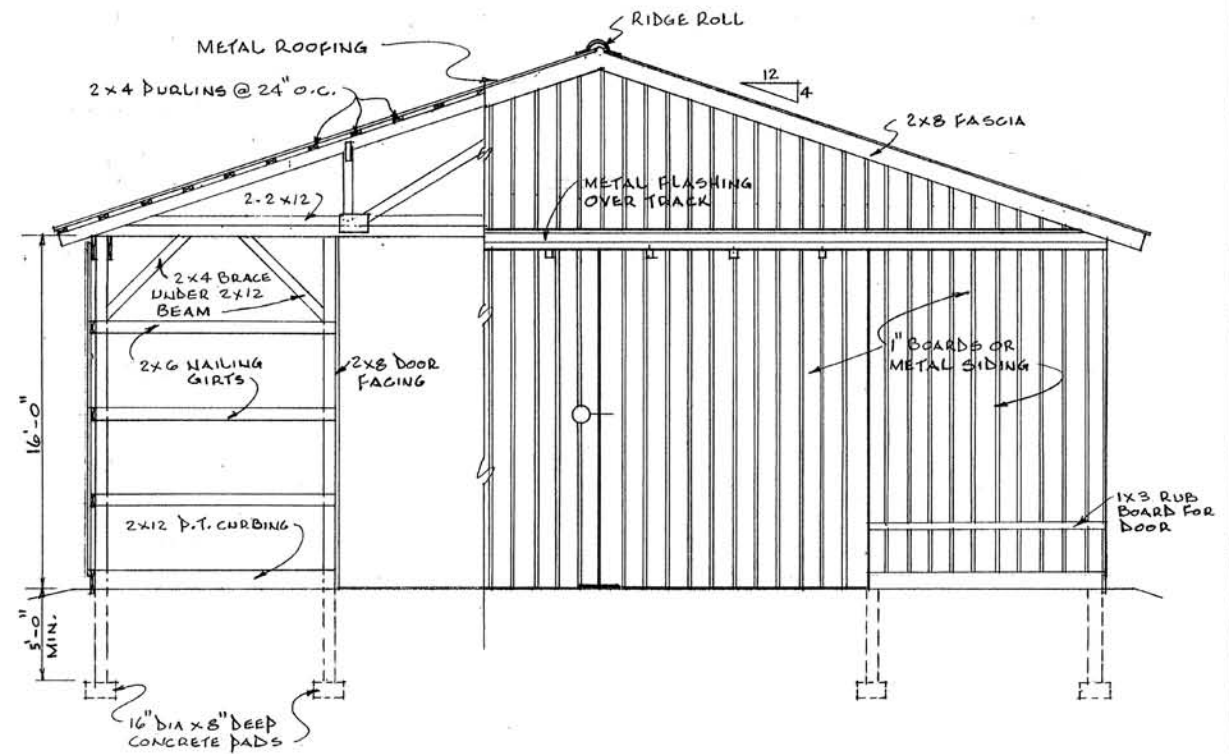
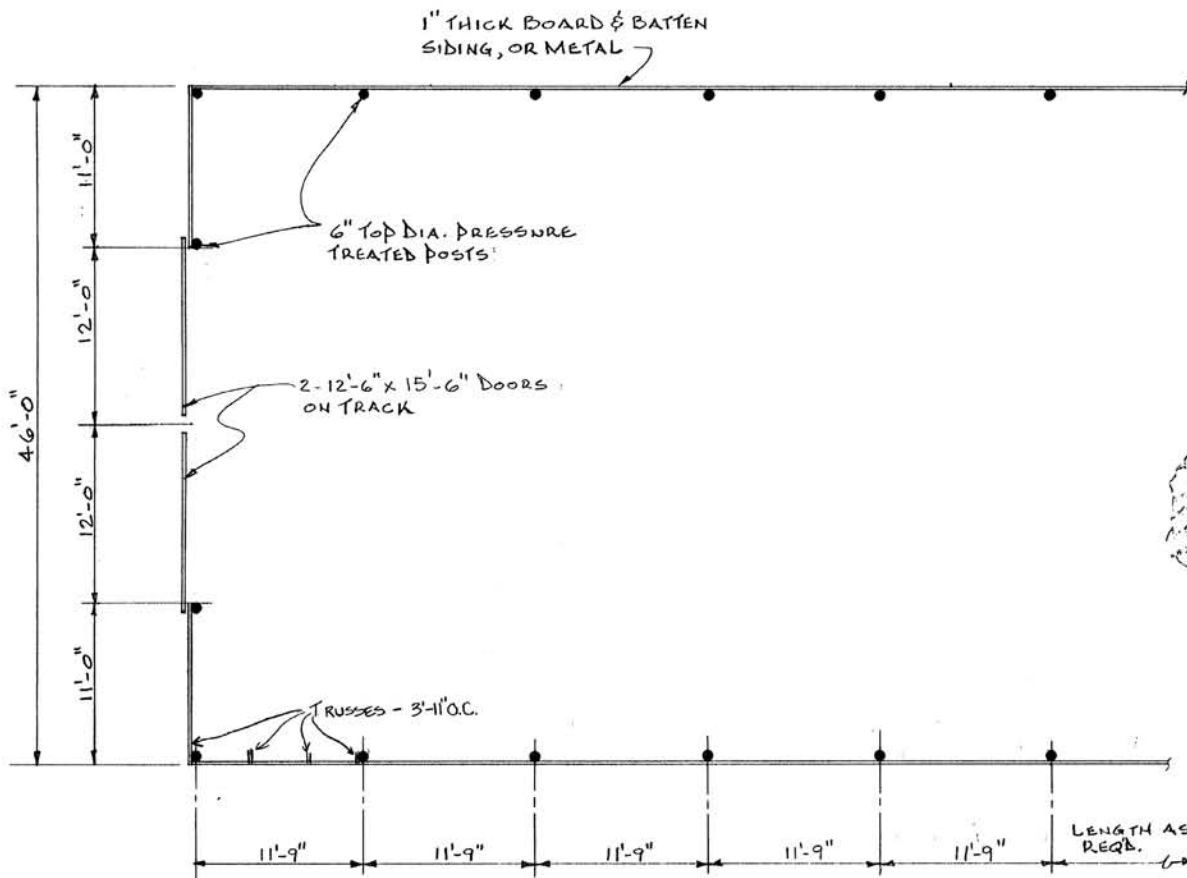


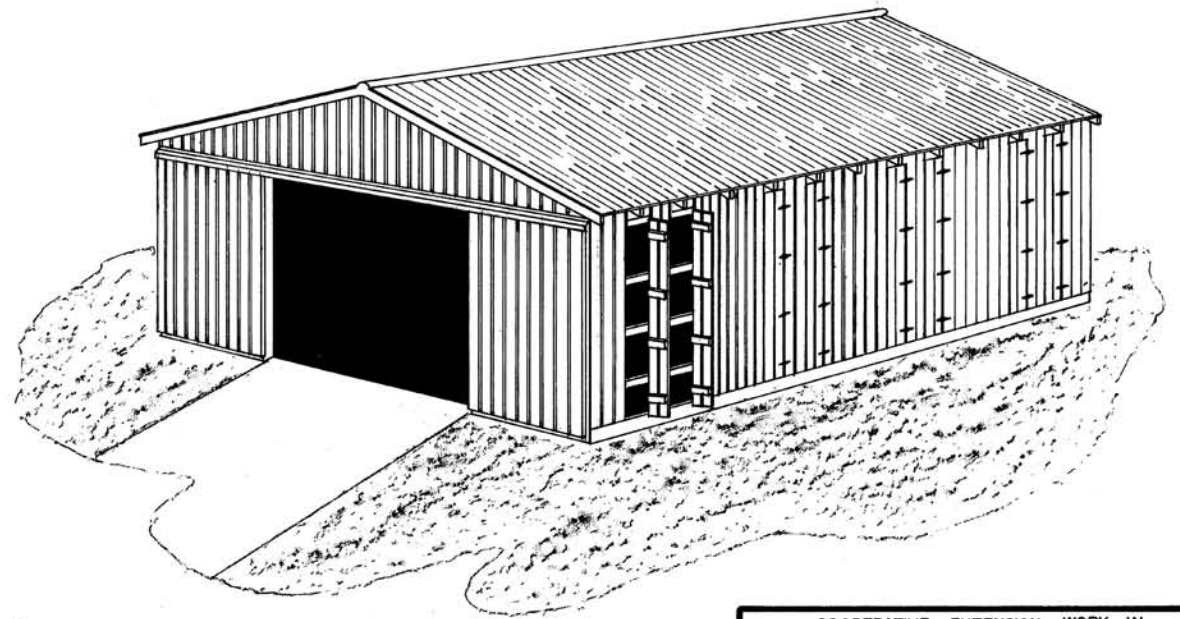
SIDE ELEVATION SCALE: $\frac{3}{16}'' = 1'-0''$



END ELEVATION
SCALE: $\frac{3}{16}'' = 1'-0''$



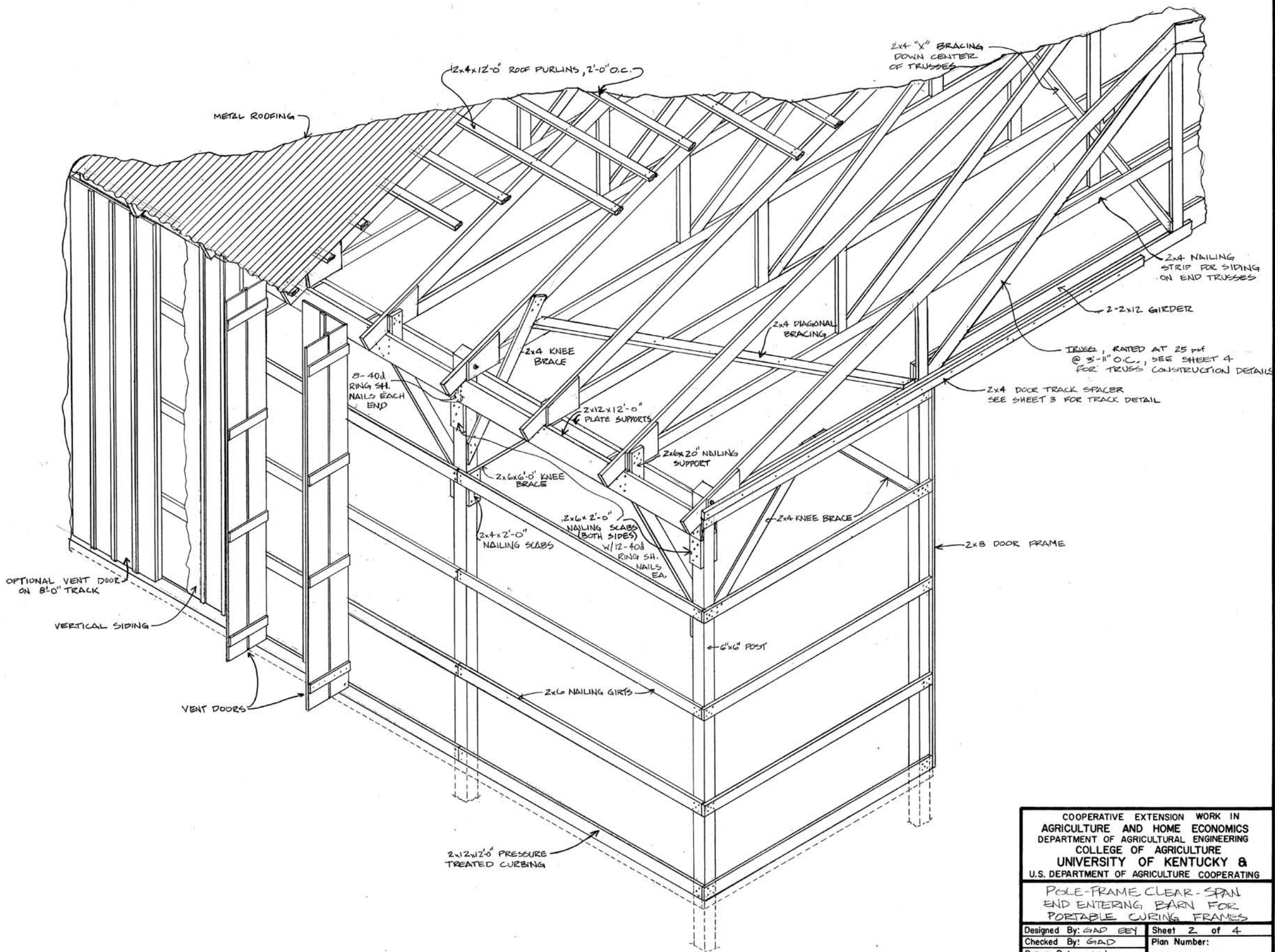
FLOOR PLAN SCALE: $\frac{1}{8}'' = 1'-0''$



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POLE-FRAME CLEAR-SPAN
ENDINGER BARN FOR
PORTABLE CURING FRAMES

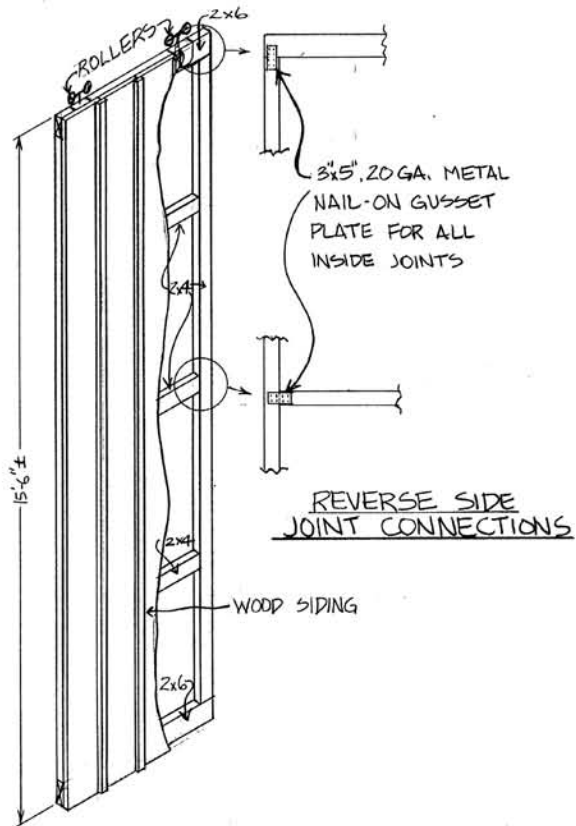
Designed By: GAD EBY	Sheet 1 of 4
Checked By: GAD	Plan Number:
Drawn By: B.E.P.	KY. 11. 735-41
Date: MAY 1973	



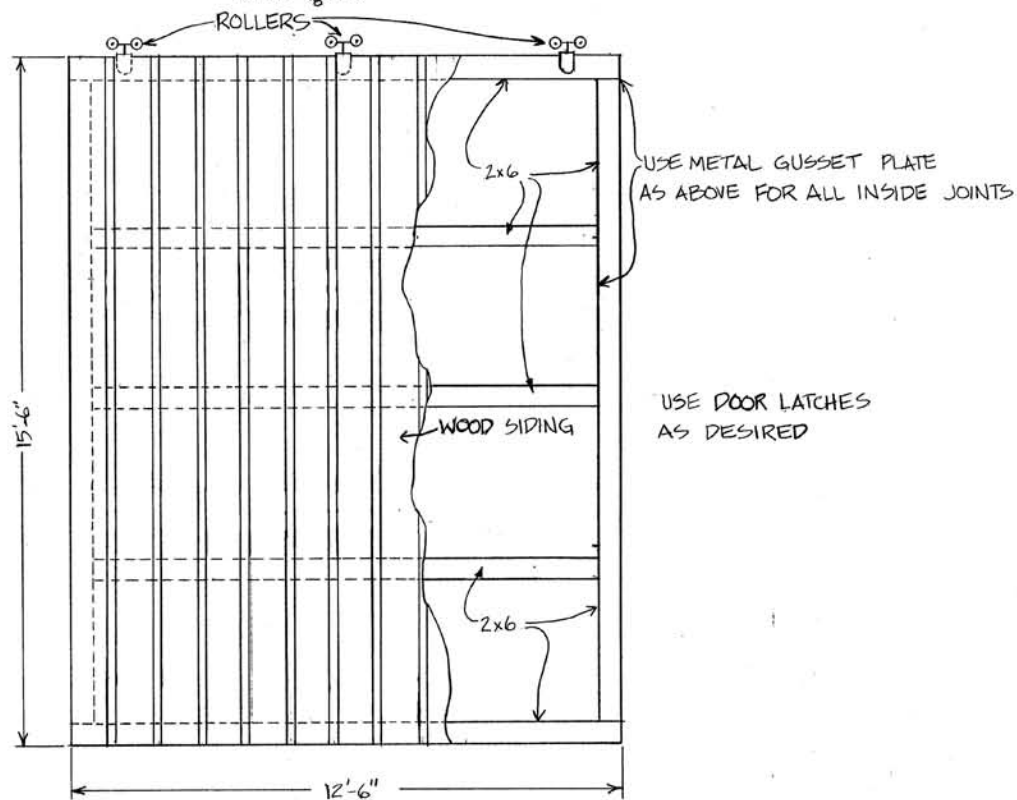
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POLE-FRAME CLEAR-SPAN
 END ENTERING BARN FOR
 PORTABLE CURING FRAMES

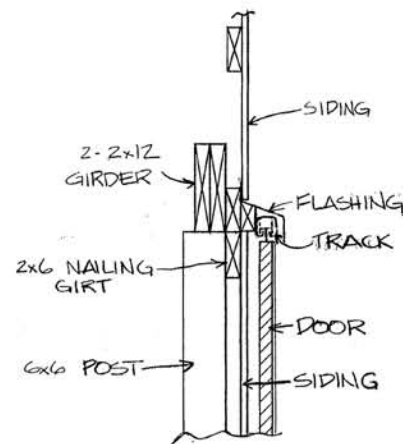
Designed By: GAD BEY	Sheet 2 of 4
Checked By: GAD	Plan Number:
Drawn By: G.W.W.	KY. 11. 735-41
Date: AUG. 1976	



OPTIONAL SIDE WALL VENT DOORS ON TRACK



END ENTRANCE DOORS ON TRACK

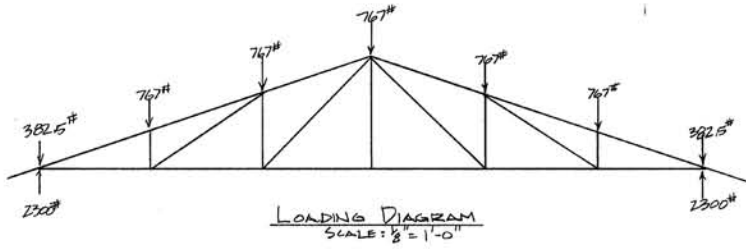


TRACK DETAIL

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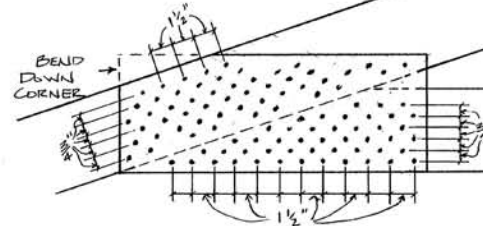
POLE-FRAME CLEAR-SPAN
 END ENTERING BARN FOR
 PORTABLE CURING FRAMES

Designed By: GAD EEY	Sheet 3 of 4
Checked By: GAD	Plan Number:
Drawn By: G.W.W.	KY. 11. 735-41
Date: AUG. 1976	

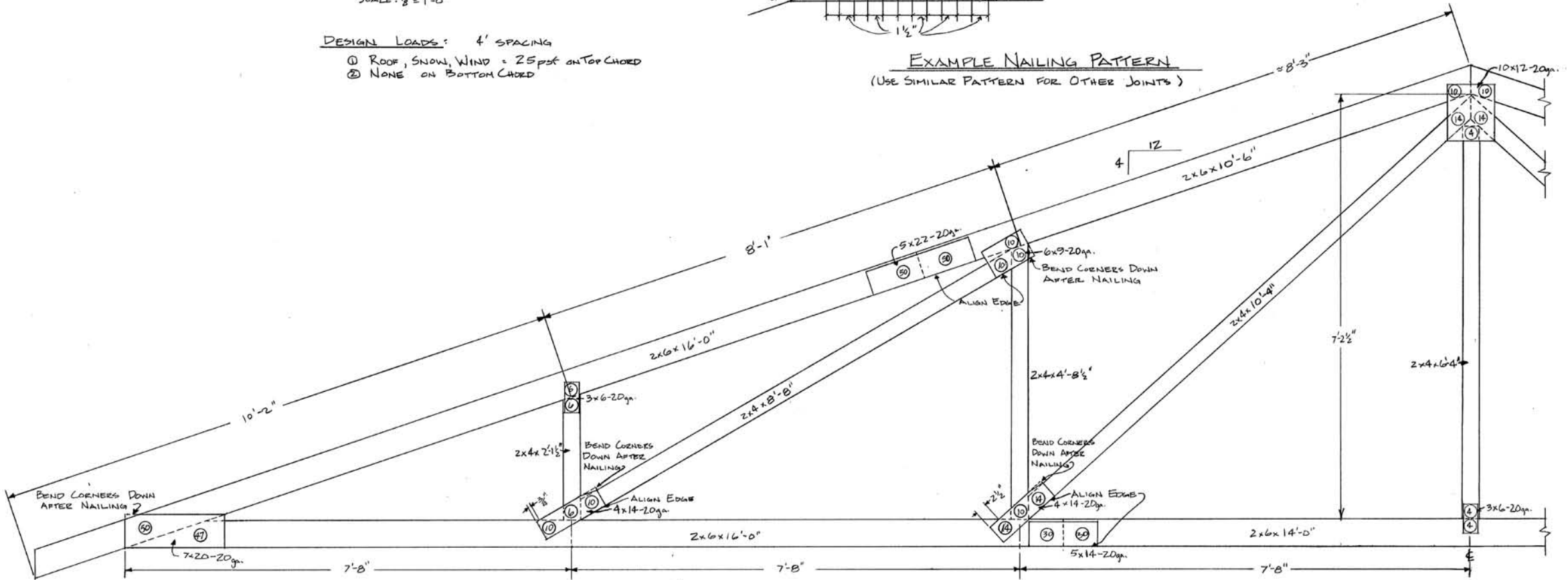
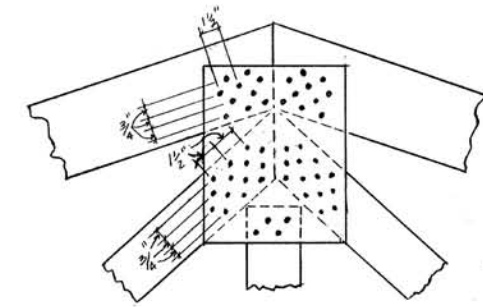


DESIGN LOADS: 4' SPACING

- ① ROOF, SNOW, WIND = 25 psf ON TOP CHORD
- ② NONE ON BOTTOM CHORD

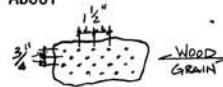


EXAMPLE NAILING PATTERN
(USE SIMILAR PATTERN FOR OTHER JOINTS)



SPECIFICATIONS FOR NAIL-ON METAL-GUSSET-PLATE TRUSS CONSTRUCTION:

1. LUMBER SHALL BE DRESSED, KILN DRY, STANDARD OR CONSTRUCTION GRADE DOUG. FIR, NO. 1 OR 2 SOU. YEL. PINE, OR EQUIVALENT.
2. GUSSET PLATES SHALL BE GALVANIZED STEEL, 18 OR 20 GAUGE AS SPECIFIED, ONE ON BOTH SIDES OF EACH JOINT. PLATES MAY BE PRE-PUNCHED OR BLANK (DRIVE NAILS RIGHT THROUGH BLANK PLATE).
3. NAILS SHALL BE 1-1/2", 11 GAUGE, SCREW-SHANK, HARDENED, PALLET-TYPE NAIL.
4. NUMBER OF NAILS DRIVEN THROUGH GUSSET PLATE INTO EACH SIDE OF EACH MEMBER IS SHOWN BY NUMERALS IN CIRCLE AT EACH JOINT. DRIVE ALL NAILS SNUG AGAINST THE METAL PLATE.
5. ALIGN GUSSET PLATE OVER JOINT AS SHOWN ON TRUSS DIAGRAM. BEGIN NAILING IN CENTER OF GUSSET PLATE AND PROGRESS OUTWARDS TO ELIMINATE WRINKLES.
6. SPACE NAILS EVENLY OVER GUSSET PLATE ABOUT 1-1/2" APART ALONG GRAIN OF WOOD AND 3/4" APART ACROSS GRAIN IN STAGGERED PATTERN AS SHOWN AT THE RIGHT FOR MAXIMUM STRENGTH AND NO SPLITTING.
7. USE A JIG TO KEEP TRUSS MEMBERS ALIGNED AND PROVIDE FIRM SUPPORT UNDERNEATH FOR NAILING. BUTT ALL JOINTS TOGETHER TIGHTLY. A FEW NAILS IN EACH JOINT SHOULD COME WITHIN 3/8 TO 1/2 INCH OF JOINT BUTT-ENDS AND EDGES TO HOLD METAL PLATE FLAT.
8. DO NOT FABRICATE ANY JOINT HAVING A KNOT OR OTHER WOOD IMPERFECTION UNDER OR ADJACENT TO GUSSET PLATE.
9. HANDLE TRUSS WITH CARE WHEN ROTATING TO ATTACH OPPOSITE-SIDE GUSSET PLATES.



BILL OF MATERIALS

ITEM	NO.	SIZE	QUANTITY
Top Chord	2	2 x 6 x 16'	32 bd.ft.
Lower Chord	2	2 x 6 x 10'-6"	21 bd.ft.
Diagonals	2	2 x 6 x 16'	32 bd.ft.
	2	2 x 4 x 14'-0"	14 bd.ft.
	2	2 x 4 x 2'-1 1/2"	3 bd.ft.
	2	2 x 4 x 8'-8"	11.6 bd.ft.
	2	2 x 4 x 4'-8 1/2"	6.3 bd.ft.
	2	2 x 4 x 10'-4"	13.8 bd.ft.
	1	2 x 4 x 6'-4"	4.3 bd.ft.
			138 bd.ft.
Metal Plates	4	8" x 21" - 20 GA	48" x 48" - 20GA
	6	3" x 6" - 20 GA	
	8	4" x 14" - 20 GA	
	4	6" x 9" - 20 GA	
	4	5" x 14" - 20 GA	
	2	10" x 12" - 20 GA	
Nails	1200	1 1/2", 11 ga., Screw, Shank	7 1/2 lb.

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46' TRUSS (NAIL-METAL PLATE) FOR
CLEAR SPAN BURLY BARN

Designed By: G.A.D. Sheet 4 of 4
Checked By: G.A.D. Plan Number:
Drawn By: G.W.W. KY. 11. 735-41
Date: APRIL '77