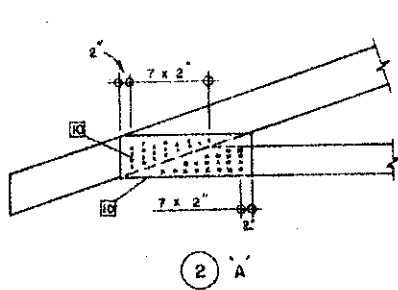
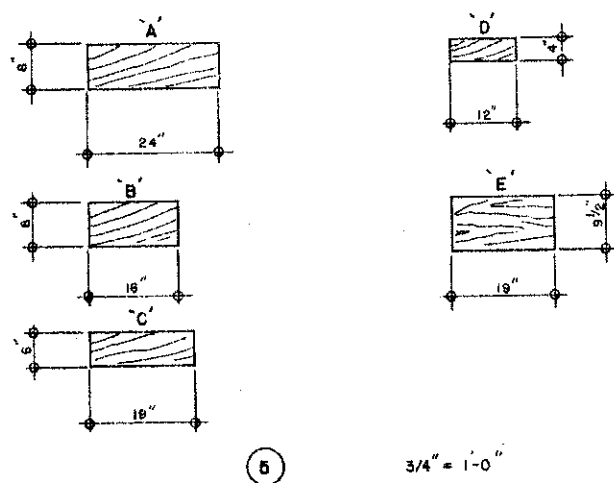
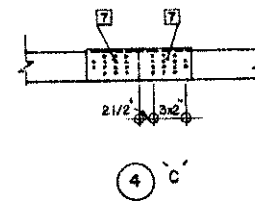
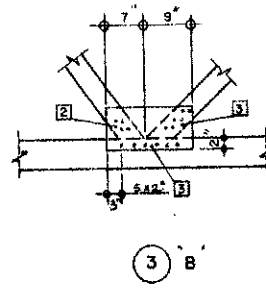


1. elevation of truss
2. joint 'A' nailing detail
3. joint 'B' nailing detail
4. joint 'C' nailing detail
5. gusset cutting detail
6. notation and loading diagram
7. 3/4" plywood gussets (both sides) at all joints
8. 2" x 8" top chord
9. 2" x 6" bottom chord
10. 2" x 4" web member 2'-6" lgth.
11. 2" x 4" web member 5'-10" lgth.
12. bottom chord should be cambered 3/4" at center
13. all joints must butt tight. Fit members full scale before cutting
14. [3] denotes number of nails from each side

- NOTES:
- 2" x 6" lumber to be #2 grade spruce. 2" x 4" lumber to be construction grade or #2 grade spruce
 - plywood to be 1/2" sheathing grade douglas fir
 - nails to be 2-1/2" #6 gauge truss gusset type (by the Steel Company of Canada or equivalent)
 - total roof load is live load plus dead load. See Table F-1, Canadian Code for Farm Buildings 1970, for farm truss roof construction dead loads
 - the allowable unit stresses for sawn lumber and plywood used in this truss design are those listed in "The Canadian Structural Design Manual 1970" with the following modification factors applied:
 Low human occupancy farm buildings (1.25), snow load duration (1.15), load-sharing systems (1.10). For trusses 96" o.c. the load-sharing factor is not applied



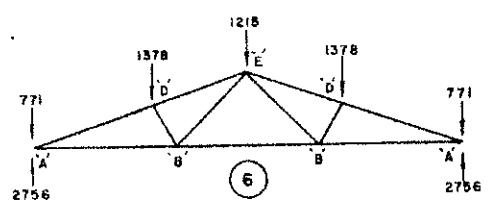
3/4" = 1'-0"



3/4" = 1'-0"

total allowable roof loads for different truss spacing

truss spacing	24"	32"	48"	96"
total roof load (psf)	106	79	53	24



truss member forces and moments			
member	force (lb)	moments (lb. in.)	M/SF + P/AG
A D	-6276	9334	.99
D E	-5576	9334	.93
A B	5956		.76
B B	4134		.53
D B	-1334		.26
B E	1834		.44

SYM	REVISIONS	CHECKED	DATE	APPROVED

CANADA FARM BUILDING PLAN SERVICE

26 FT. TRUSS - 4'-0" O.C. SPACING
TOTAL ROOF LOAD 53 PSF

DESIGNED H.A.J.	DATE 25-6-72	PLAN C-46 SHEET 1 OF 1
DRAWN B.S.	REVISED	
TRACED	SCALE	

CHECKED H.A.J. AS SHOWN