



NAILED 'W' TRUSS: 2/72

Slopes: 4/12 & 5/12
Spans: 16' 4" to 28' 4"
Gussets: 1/2" plywood

Notes:

- Lumber
- No. 1 Grade Spruce or equivalent for top and bottom chords.
 - No. 2 Grade Spruce or equivalent for web members.
 - Equivalent species and grade is determined by the stress values contained in Supplement No. 4 of the National Building Code of Canada 1970.

Nails

- All nails to be 3 inch common steel wire.
- All rows of nails to be staggered and clinched perpendicular to direction of plywood face grain.
- Solid blocking to be used under gusset plates during nailing.

Plywood

- 1/2" sheathing grade Douglas Fir throughout.
- Grain direction of plywood faces to be parallel to bottom chord excepting plates joining web to top chord at quarter points.

General

- To ensure maximum stiffness, the upper chords must be in good bearing contact at peak.
- Trusses with spans between those listed may be used provided the nailing is not less than that shown for the larger span.

Loading

- Roof snow load = 0.6 X ground snow load.

Spacing

- Trusses spaced 24" on center.

Nailing Schedule:

ROOF SNOW LOAD	SLOPE	SPAN "L"		JOINT LOCATION																										
		ft.	in.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	
22.5	4/12	16	4	9	8	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		18	4	10	9	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		20	4	11	10	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
22.5	5/12	22	4	12	11	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		24	4	13	12	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		26	4	14	13	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
30	4/12	28	4	15	14	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		16	4	7	7	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		18	4	8	7	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
30	5/12	20	4	9	8	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		22	4	10	9	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		24	4	11	10	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
37.5	4/12	26	4	11	10	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		28	4	12	11	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		16	4	10	9	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
37.5	5/12	18	4	11	10	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		20	4	12	11	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26
		22	4	13	12	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26