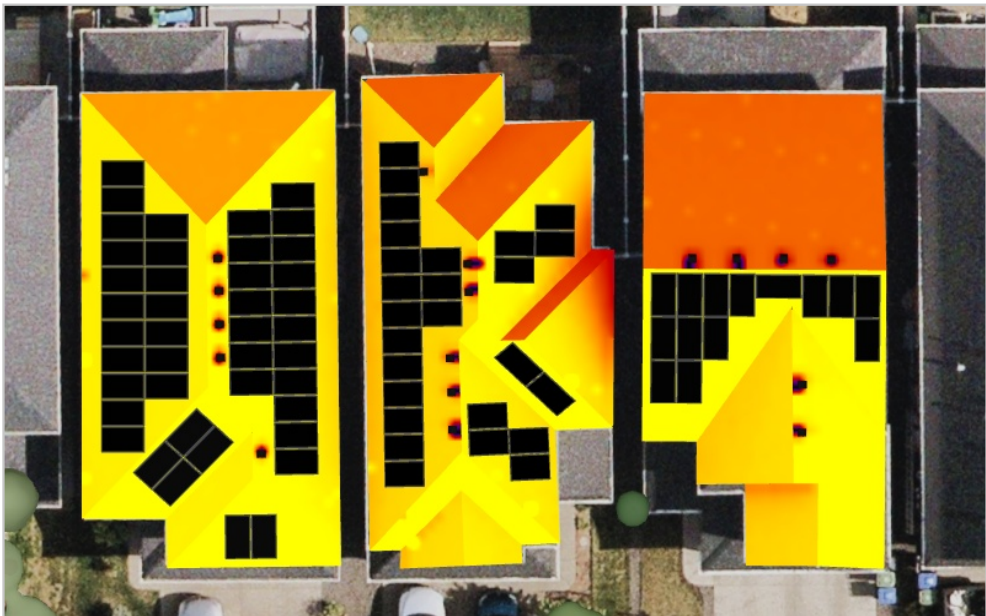


The Sun Box — Roof Report



50 W Grove Way SW, Calgary, AB T3H 4B4, Canada · Generated: 7/9/2026



Roof Surface Area 5,994 ft² 557 m² · slope-corrected	Roofing Squares 59.9 1 square = 100 ft²	Plan Area 5,388 ft² 2D footprint	Facets 24 Predominant pitch 7/12
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Linear Measurements

Edge Type	Count	Total Length	Total (ft)
Eaves	25	432' 11"	432.9
Ridges	10	134' 10"	134.9
Hips	20	258' 6"	258.5
Valleys	8	125' 3"	125.3
Rakes	9	127' 10"	127.8

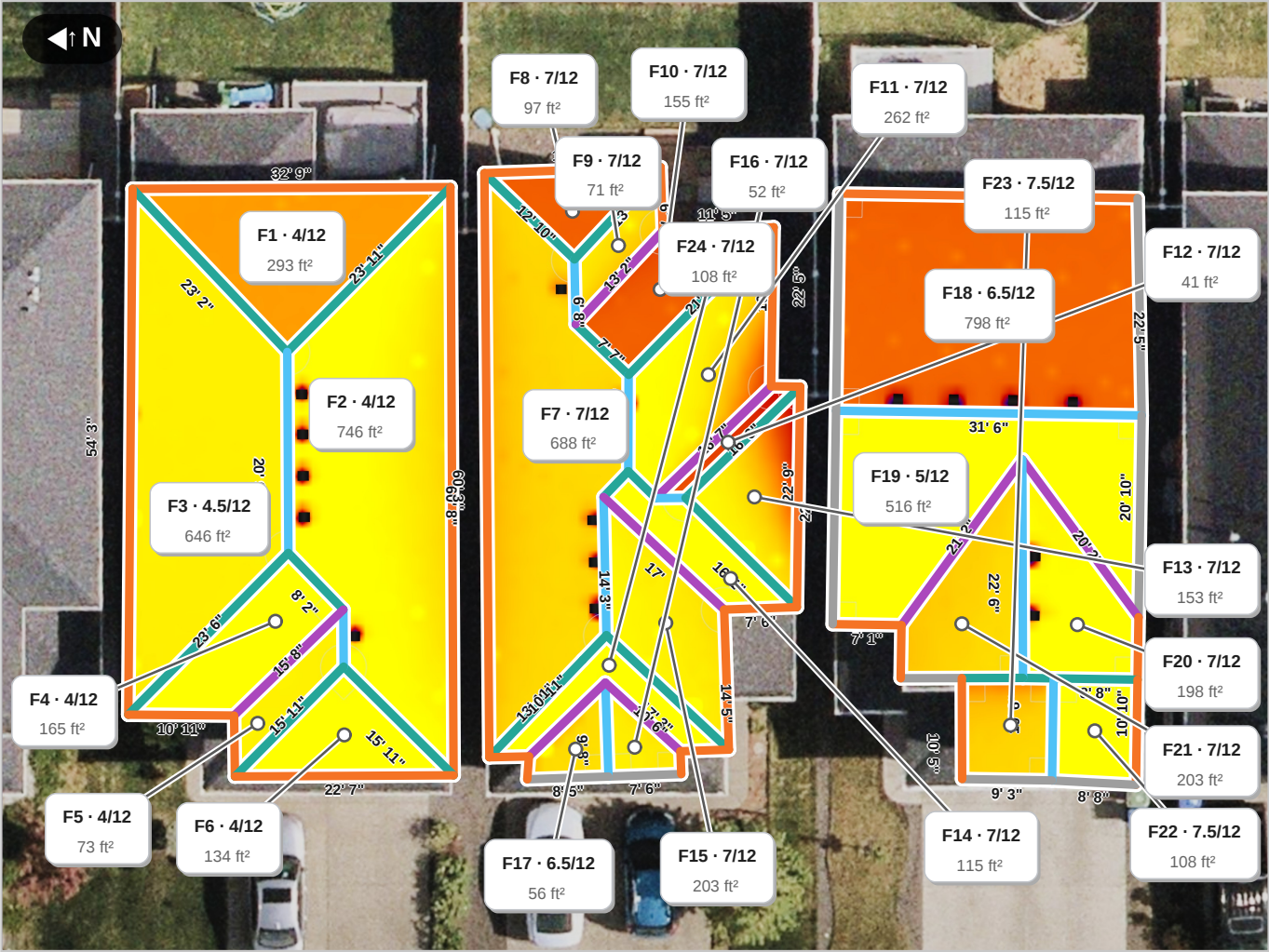
Material Estimate

Waste Factor	Squares	Bundles (3/sq)	Surface (ft ²)
Measured	59.9	180	5,994
+10%	65.9	198	6,593
+15%	68.9	207	6,893

Typical waste: 10% for simple gable roofs, 15% for cut-up roofs with hips and valleys.

Measurements derived from aerial imagery and drawn roof geometry. Verify dimensions on site before ordering materials.

Roof Plan



Facet Schedule

Facet	Pitch	Slope	Azimuth	Eave Ht	Plan (ft²)	Surface (ft²)	Squares
F1	4/12	18.8°	360° N	42' 4"	277	293	2.93
F2	4/12	18.8°	90° E	42' 5"	707	746	7.46
F3	4.5/12	19.5°	270° W	42' 5"	609	646	6.46
F4	4/12	18.9°	180° S	42' 5"	156	165	1.65
F5	4/12	18.6°	269° W	42' 5"	69	73	0.73
F6	4/12	18.8°	180° S	42' 5"	127	134	1.34
F7	7/12	30.1°	270° W	40' 11"	595	688	6.88
F8	7/12	30.1°	358° N	40' 11"	84	97	0.97
F9	7/12	30.1°	88° E	40' 11"	61	71	0.71
F10	7/12	30.1°	358° N	40' 11"	134	155	1.55
F11	7/12	30.1°	91° E	40' 11"	227	262	2.62
F12	7/12	30.1°	1° N	40' 11"	35	41	0.41
F13	7/12	30.1°	91° E	40' 11"	133	153	1.53
F14	7/12	30.1°	178° S	40' 11"	99	115	1.15
F15	7/12	30.1°	88° E	40' 10"	175	203	2.03
F16	7/12	29.5°	88° E	41'	45	52	0.52
F17	6.5/12	28.2°	274° W	41' 1"	49	56	0.56
F18	6.5/12	29.0°	1° N	33' 2"	698	798	7.98
F19	5/12	22.9°	181° S	39' 5"	476	516	5.16
F20	7/12	29.4°	91° E	40' 5"	173	198	1.98
F21	7/12	30.0°	271° W	39' 8"	175	203	2.03
F22	7.5/12	31.2°	91° E	40'	93	108	1.08
F23	7.5/12	31.2°	270° W	39' 1"	98	115	1.15
F24	7/12	30.1°	178° S	40' 10"	94	108	1.08

Edge Schedule by Facet

Facet	Eaves	Ridges	Hips	Valleys	Rakes
F1	32' 9"	—	47' 1"	—	—
F2	60' 8"	26' 7"	48'	—	—

F3	54' 3"	20' 9"	46' 8"	—	—
F4	10' 11"	—	31' 7"	15' 8"	—
F5	6' 3"	5' 11"	15' 11"	15' 8"	—
F6	22' 7"	—	31' 11"	—	—
F7	60' 3"	30' 11"	41' 6"	—	—
F8	18' 2"	—	25' 11"	—	—
F9	6' 7"	6' 8"	13'	13' 2"	—
F10	11' 5"	—	28' 11"	13' 2"	—
F11	16' 5"	9' 11"	25' 4"	16' 7"	—
F12	3'	3' 1"	16' 6"	16' 7"	—
F13	22' 9"	—	32' 7"	—	—
F14	7' 6"	3' 1"	23' 9"	17'	—
F15	14' 5"	14' 3"	17' 3"	17'	—
F16	2' 4"	9' 8"	—	10' 6"	7' 6"
F17	2' 4"	9' 8"	—	10' 11"	8' 5"
F18	30' 9"	31' 6"	—	—	44' 10"
F19	7' 1"	31' 6"	—	41' 4"	42' 10"
F20	6' 5"	22' 6"	11' 10"	20' 2"	—
F21	5' 6"	22' 6"	6' 4"	21' 2"	6' 4"
F22	10' 10"	10' 6"	8' 8"	—	8' 8"
F23	10' 5"	10' 6"	9' 6"	—	9' 3"
F24	9' 1"	—	34' 9"	21' 5"	—

Shared edges (ridges, hips, valleys) are listed on both adjoining facets but counted once in project totals.

Area by Pitch

Pitch	Facets	Surface (ft²)	Squares	% of Roof
7.5/12	2	223	2.2	4%
7/12	13	2,343	23.4	39%
6.5/12	2	854	8.5	14%
5/12	1	516	5.2	9%
4.5/12	1	646	6.5	11%
4/12	5	1,411	14.1	24%

Accessories & Flashing

Item	Based On	Length	Length (ft)
Ridge cap	Ridges + Hips	393' 4"	393.3
Starter strip	Eaves + Rakes	560' 8"	560.7
Drip edge	Eaves + Rakes	560' 8"	560.7
Ice & water shield	Eaves	432' 11"	432.9
Valley lining	Valleys	125' 3"	125.3
Gutter run	Eaves	432' 11"	432.9

Net lengths — add product laps/coverage and local code requirements (e.g. ice & water shield extent) when ordering.