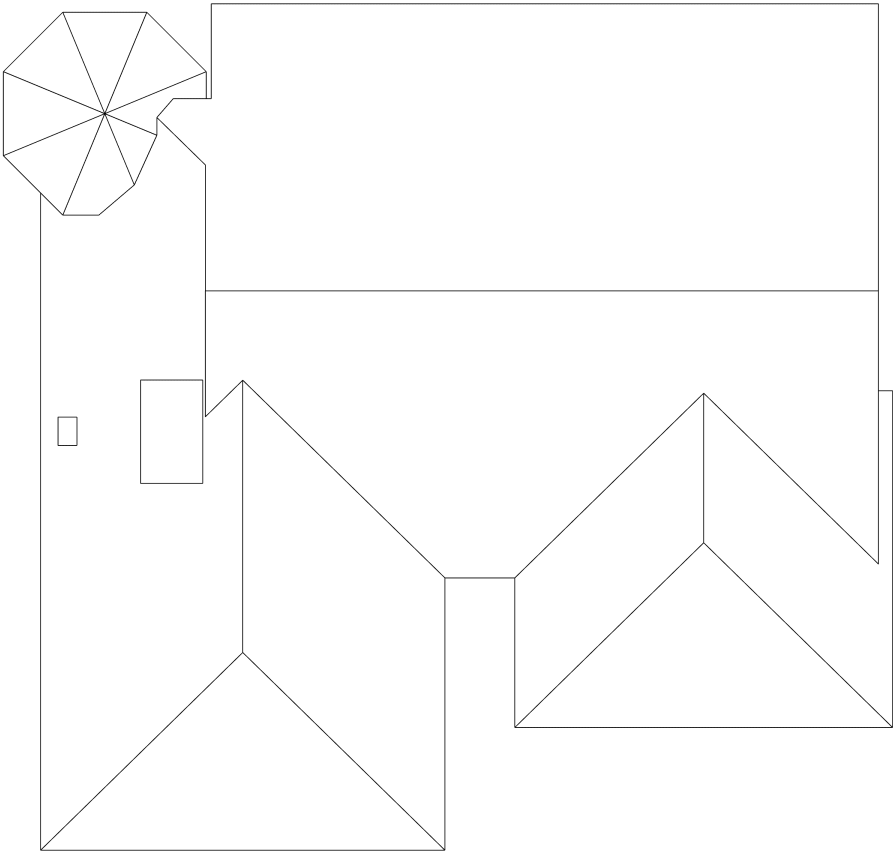




[VIEW 3D MODEL](#)

Roof	Area	Total	Length
Roof Facets	4788 ft ²	16	-
Ridges / Hips	-	16	260' 8"
Valleys	-	8	84' 5"
Rakes	-	6	83' 5"
Eaves	-	16	290' 5"
Flashing	-	5	36' 8"
Step Flashing	-	7	20' 3"
Drip Edge/Perimeter	-	-	373' 10"

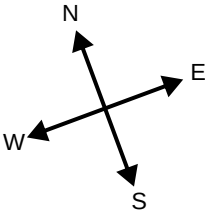
Roof Pitch*	Area	Percentage
5 / 12	4571 ft ²	95.47%
6 / 12	217 ft ²	4.53%



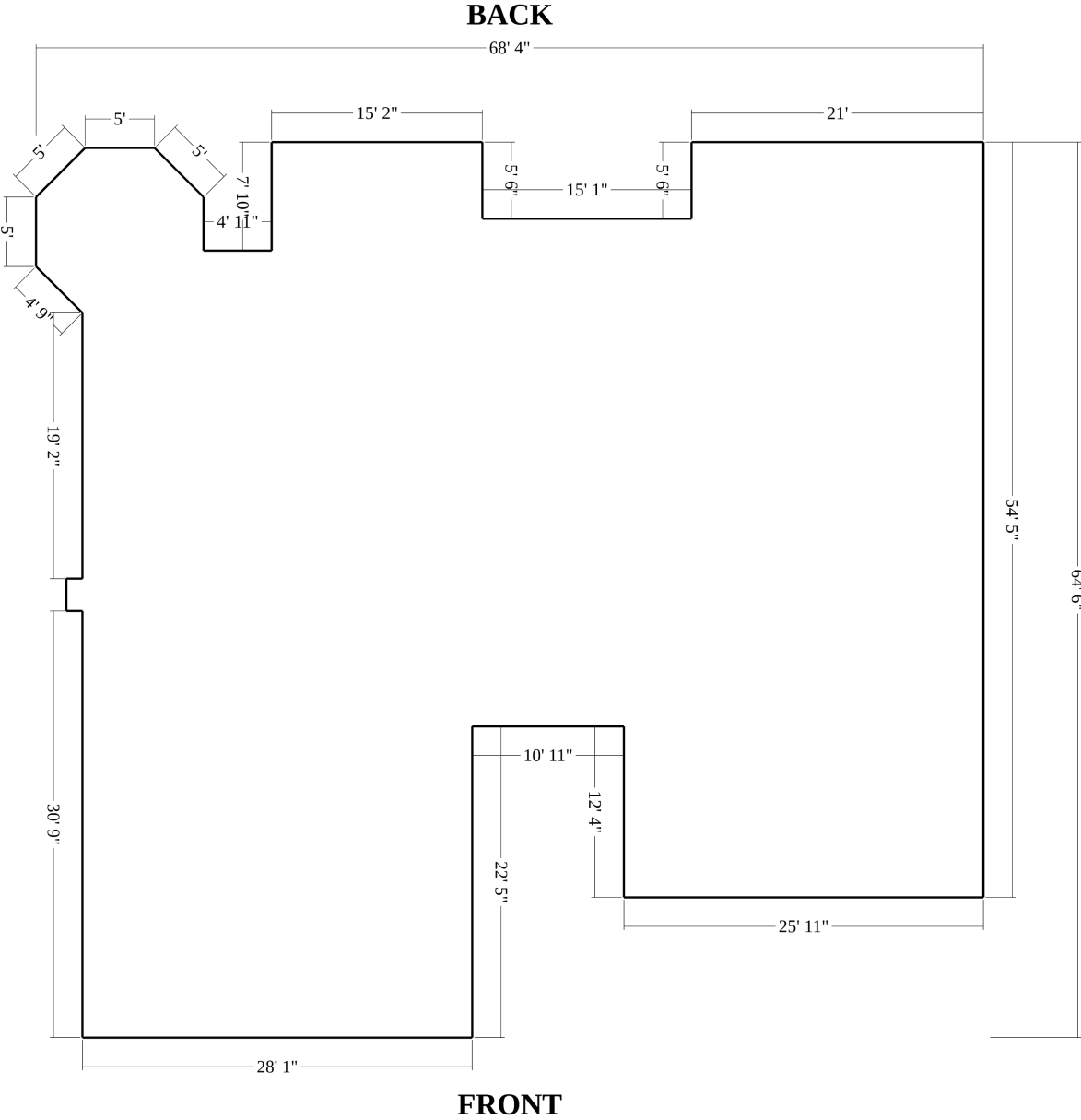
Example Waste Factor Calculations

	Zero Waste	+5%	+10%	+15%	+20%
Area	4788 ft ²	5027 ft ²	5267 ft ²	5506 ft ²	5746 ft ²
Squares	48	50⅓	53	55⅓	57⅓

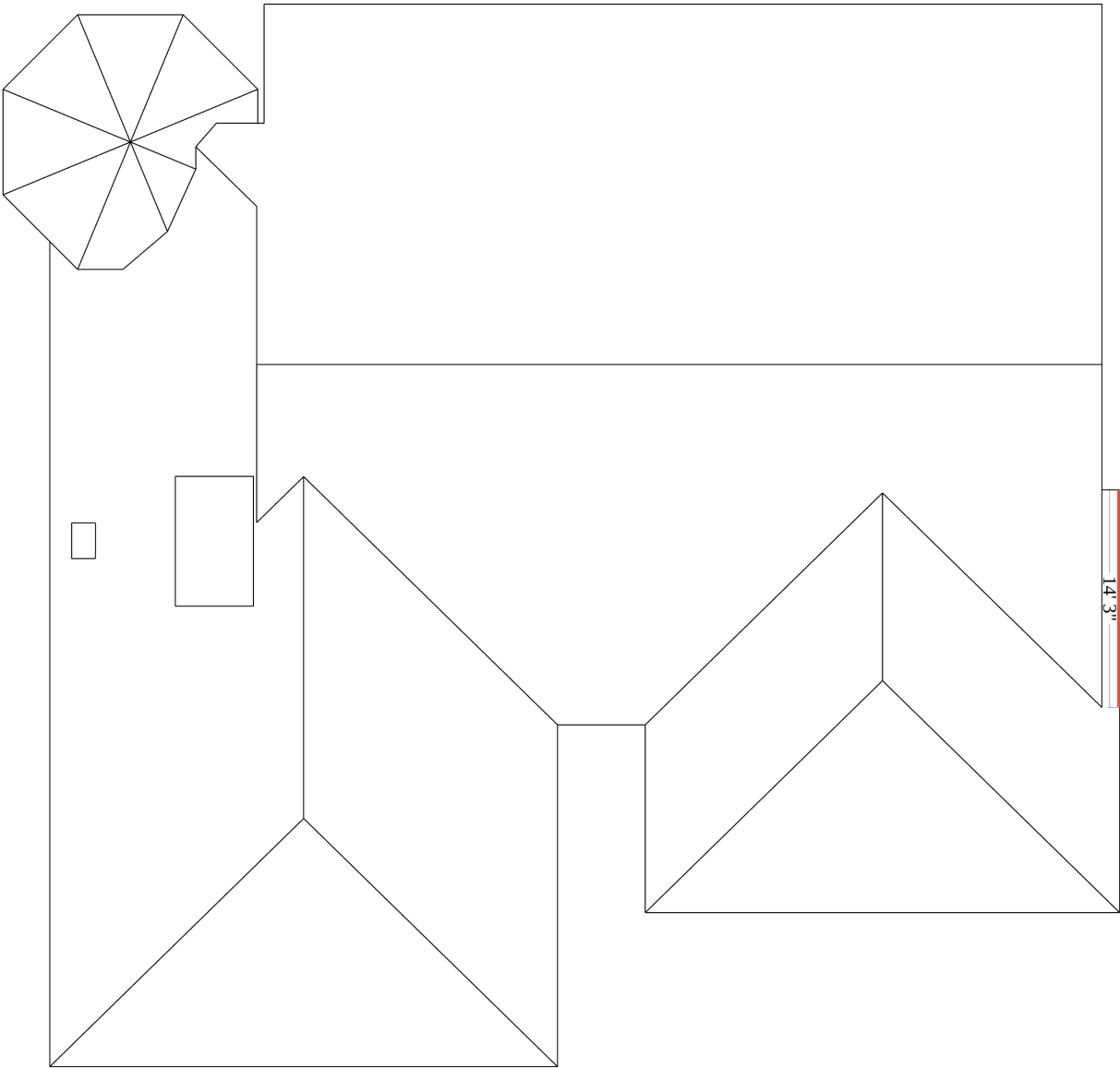
The table above provides the total roof area of a given property using waste percentages as noted. Please consider that area values and specific waste factors can be influenced by the size and complexity of the property, captured image quality, specific roofing techniques, and your own level of expertise. Additional square footage for Hip, Ridge, and Starter shingles are not included in this waste factor and will require additional materials. This table is only intended to make common waste calculations easier and should not be interpreted as recommendations.



Number of Stories: > 1
Footprint Perimeter: 312' 3"
Footprint Area: 3582 ft²

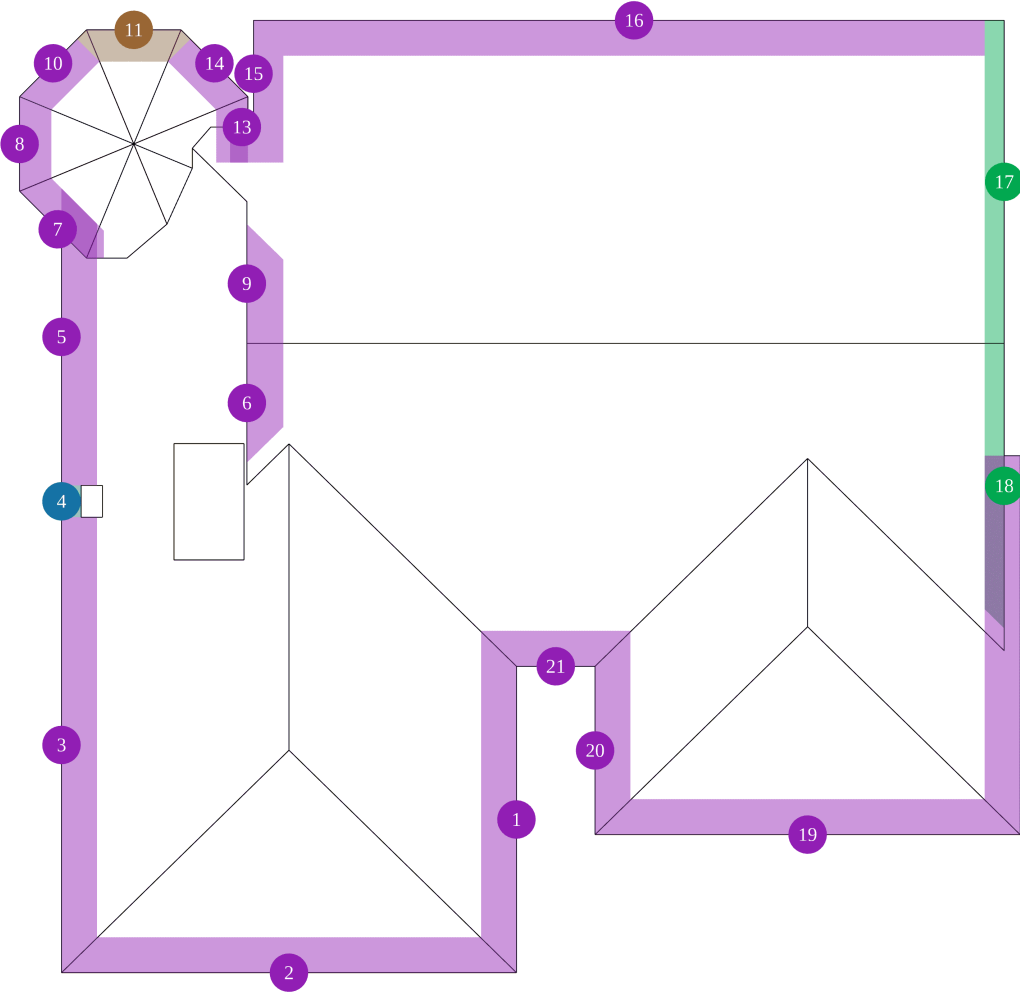


	Cornice Returns	Length	Count
	Returns Story 1	14'	1
	Total	14'	1



Soffit Summary

Depth	Type	Count	Total Length	Total Area
12" - 18"	rakes	2	48' 1"	67 ft ²
18" - 24"	eaves	1	2' 4"	4 ft ²
24" - 48"	rakes	3	27' 4"	61 ft ²
	eaves	14	219' 1"	640 ft ²
	-	1	27' 9"	74 ft ²
> 48"	eaves	1	5' 10"	16 ft ²
Totals			330' 4"	862 ft ²



Soffit Breakdown

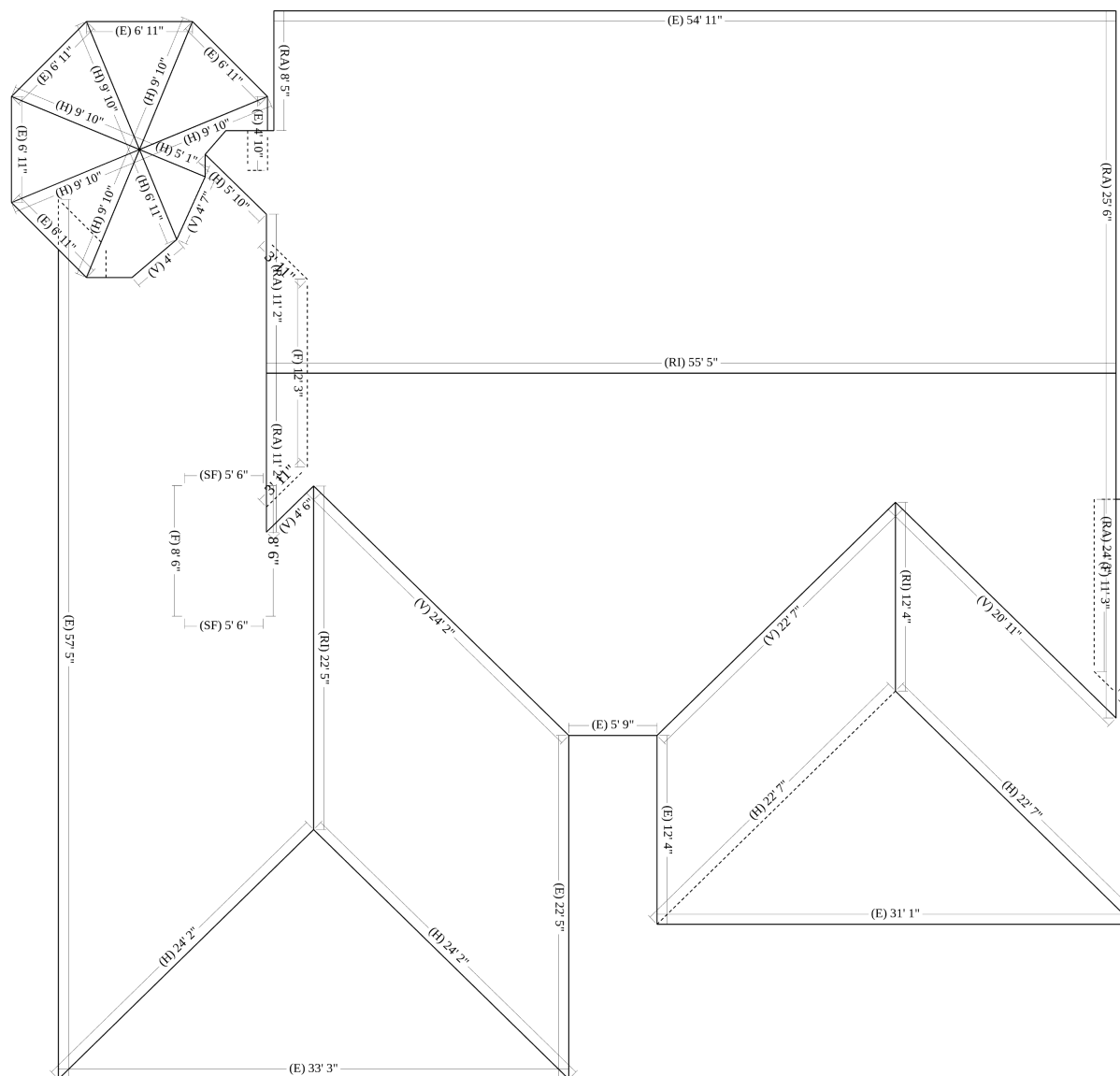
	num	Type	Depth	Length	Area	Pitch
●	1	eave	33"	16' 5"	63 ft²	5 / 12
●	2	eave	33"	24' 5"	86 ft²	5 / 12
●	3	eave	33"	33' 4"	89 ft²	5 / 12
●	4	eave	19"	2' 4"	4 ft²	5 / 12
●	5	eave	33"	21' 9"	57 ft²	5 / 12
●	6	rake	32"	9' 5"	21 ft²	5 / 12
●	7	eave	28"	6' 10"	14 ft²	6 / 12
●	8	eave	28"	5' 10"	16 ft²	6 / 12
●	9	rake	32"	9' 5"	21 ft²	5 / 12
●	10	eave	28"	5'	12 ft²	6 / 12
●	11	eave	70"	5' 10"	16 ft²	6 / 12
○	12	eave	28"	5' 6"	11 ft²	6 / 12
●	13	eave	31"	3' 11"	10 ft²	5 / 12
●	14	eave	28"	5'	12 ft²	6 / 12
●	15	rake	26"	8' 5"	18 ft²	5 / 12
●	16	eave	31"	51' 4"	133 ft²	5 / 12
●	17	rake	17"	25' 6"	36 ft²	5 / 12
●	18	rake	17"	22' 6"	31 ft²	5 / 12
●	19	eave	33"	22' 9"	80 ft²	5 / 12

	num	Type	Depth	Length	Area	Pitch
●	20	eave	33"	9'	34 ft²	5 / 12
●	21	eave	33"	8'	23 ft²	5 / 12
○	22	-	33"	27' 9"	74 ft²	5 / 12

○ Feature is too small to label on the plan diagram

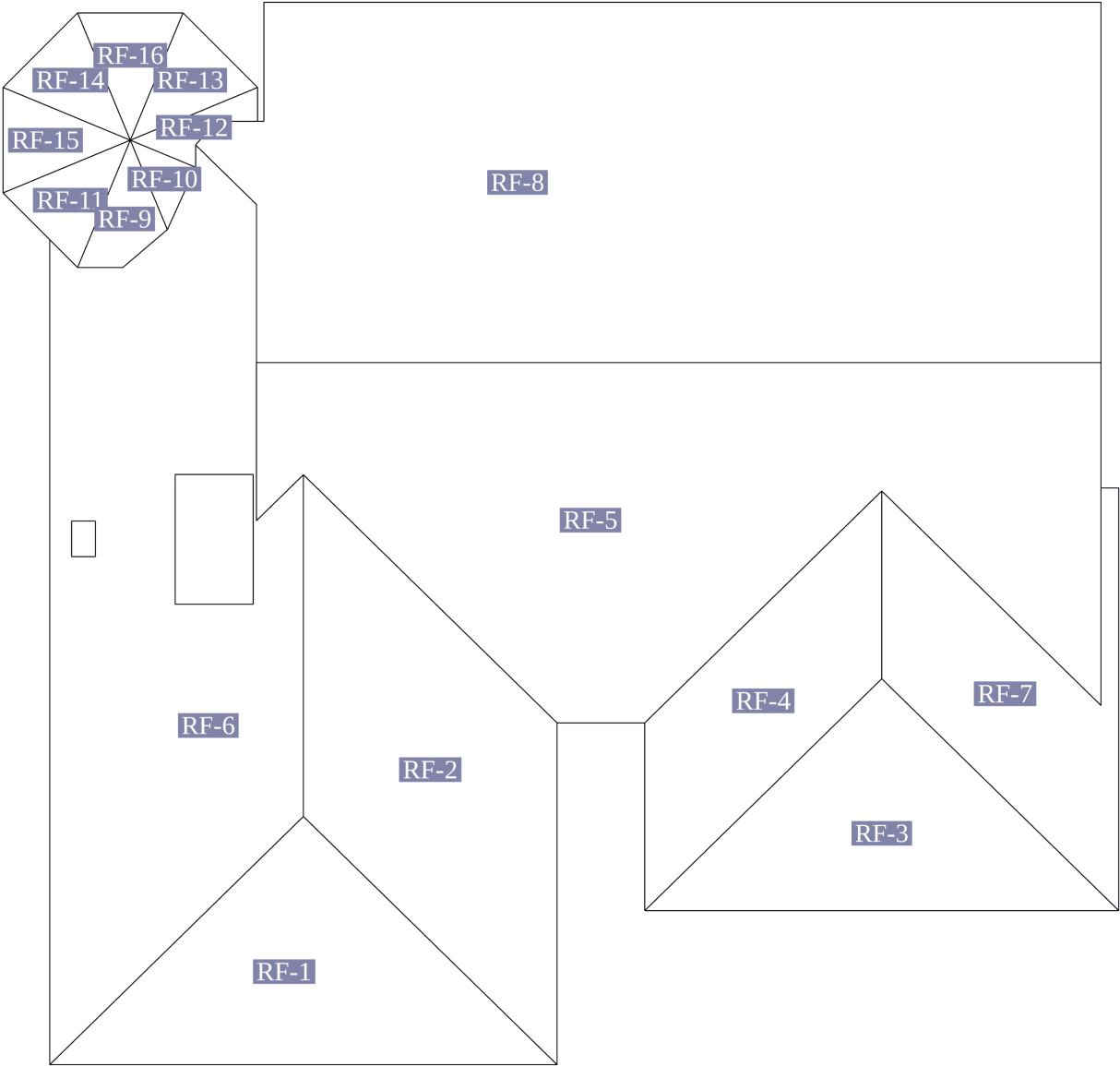
- Feature could not be labelled with complete certainty

*Please view the 3D model for more detail (e.g. flashing, step flashing and some other roof lines may be difficult to see on the PDF)

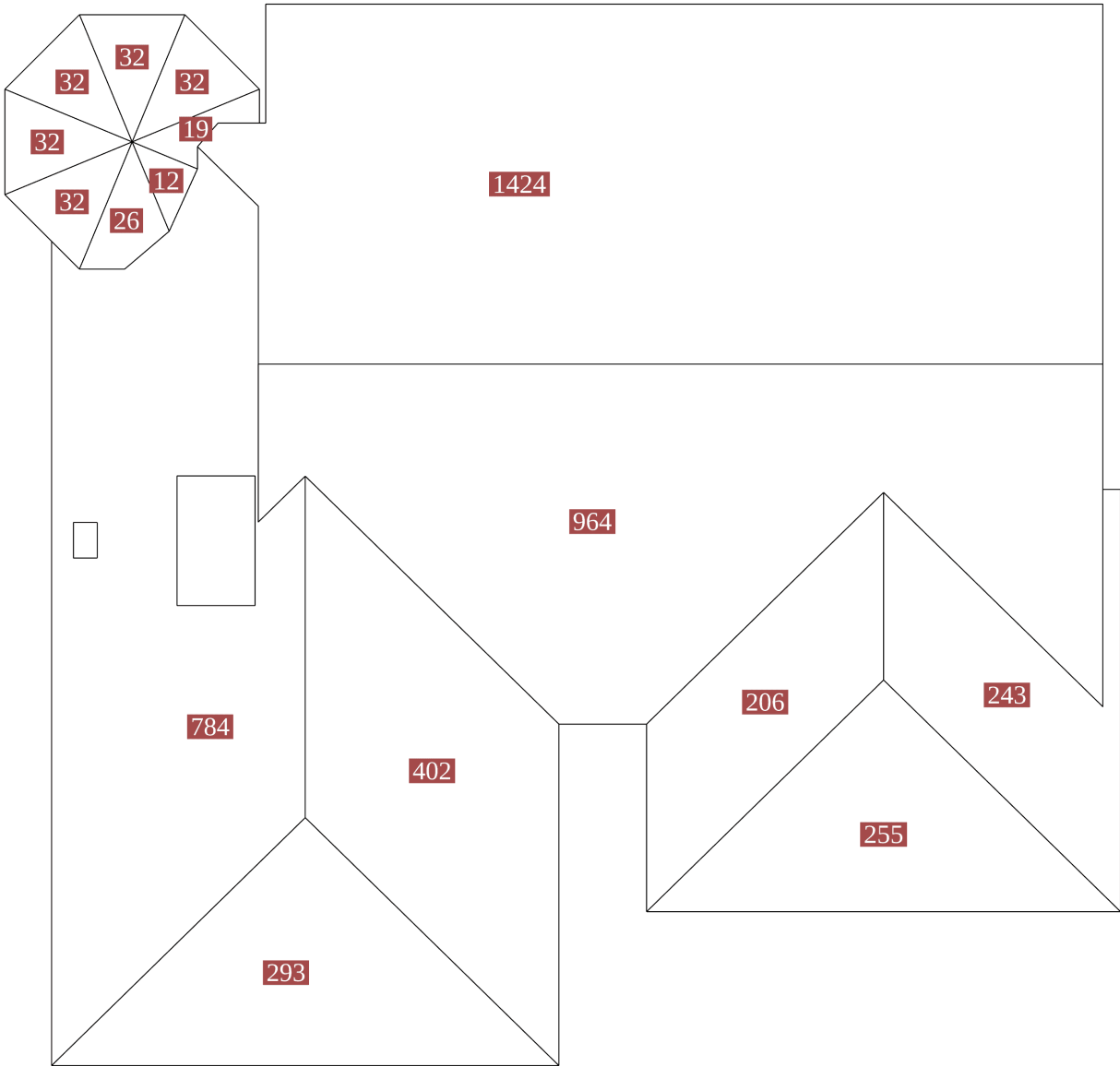


Roof Facets

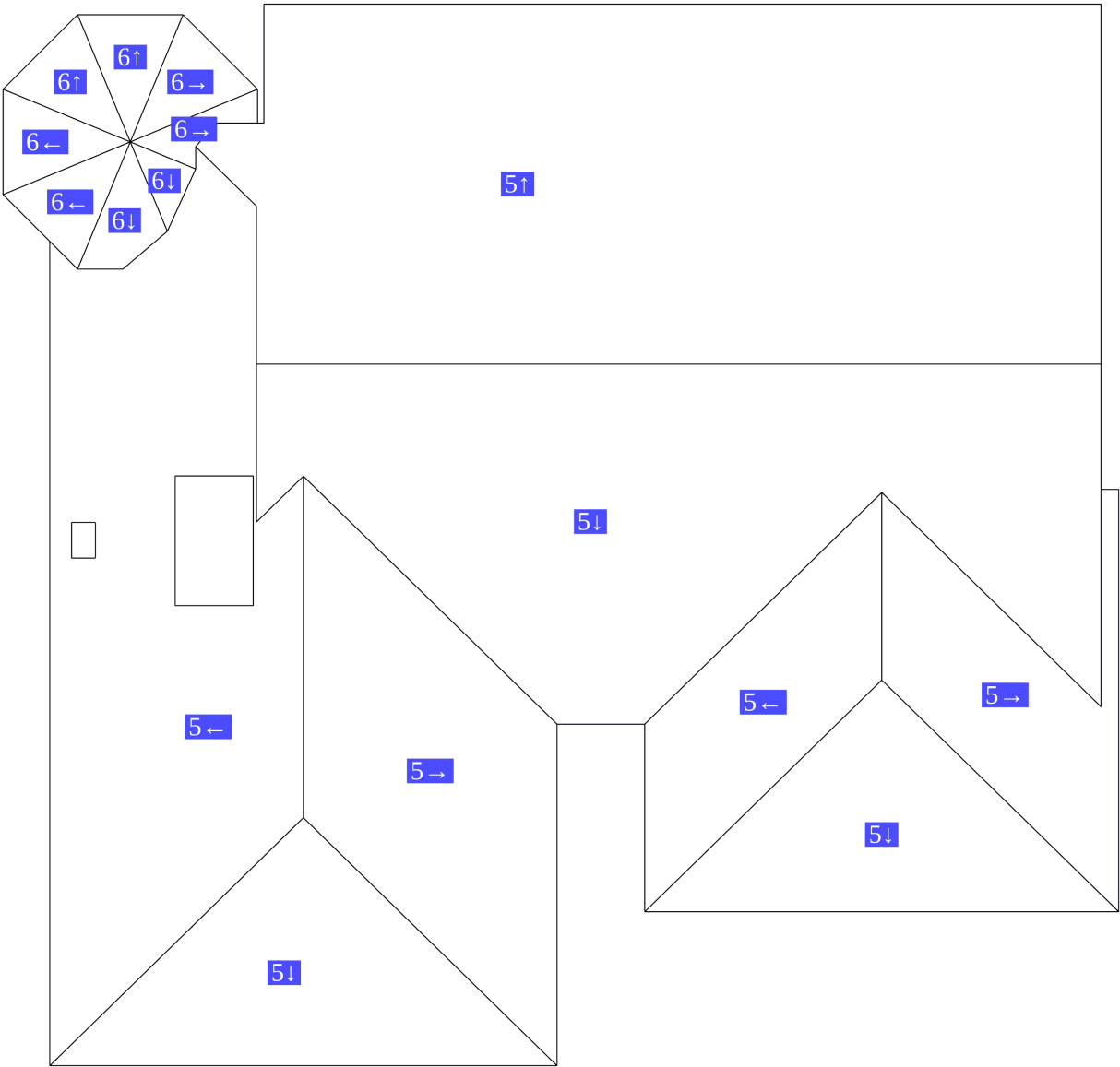
Facet	Area	Pitch
RF-1	293 ft ²	5/12
RF-2	402 ft ²	5/12
RF-3	255 ft ²	5/12
RF-4	206 ft ²	5/12
RF-5	964 ft ²	5/12
RF-6	784 ft ²	5/12
RF-7	243 ft ²	5/12
RF-8	1424 ft ²	5/12
RF-9	26 ft ²	6/12
RF-10	12 ft ²	6/12
RF-11	32 ft ²	6/12
RF-12	19 ft ²	6/12
RF-13	32 ft ²	6/12
RF-14	32 ft ²	6/12
RF-15	32 ft ²	6/12
RF-16	32 ft ²	6/12



Roof	Facets	Total
Total	16	4788 ft ²



Roof Pitch	Area	Percentage
5 / 12	4571 ft ²	95.47%
6 / 12	217 ft ²	4.53%









24821 Red Lodge Pl Laguna Hills_1504

Mars Construction Industries Corp - Lic # 1138550
1119 West Collins Avenue
Orange, CA 92867
(562) 810-1965
Brett@MarsX.Construction

24821 Red Lodge Place - Laguna Hills, CA 92653
Judy Jones

Material Components Summary

Code	Description	Qty	Unit Price	Total
RFGVENTT-	Roof vent - turtle type - plastic	11.28 EA	14.08	158.82
RFGASTR	Asphalt starter - peel and stick	389.85 LF	0.82	318.51
RFG500SH	Laminated - Wood shake look comp. shingle	47.00 SQ	227.17	10,677.04
NAIL1.25RF	1 1/4" roofing nails, (based on 50 lb box)	125.11 LB	2.03	254.23
NAIL1.5RF	1 1/2" roofing nails, (based on 50 lb box)	14.35 LB	2.88	41.38
RFGDRIP	Drip edge - painted aluminum, 10' lengths	41.15 EA	10.44	429.62
RFGFLT15	15 lb ASTM roofing felt - 432 SF roll	11.75 RL	32.65	383.66
RFGIWS	Ice or water barrier (w/ modified bitumen base)	1,108.21 SF	0.59	657.17
RFGNAILS2	Simplex roofing felt cap nails - (based on 50 lb box)	33.57 LB	2.04	68.42
RFGPFLASH	Flashing - pipe jack - galvanized or plastic - up to 4"	3.00 EA	17.61	52.83
RFGRIDGC+	Ridge cap, high profile ridge cap for composition shingles	302.89 LF	4.33	1,311.21
RFGCEMTT	Roofing cement - per tube	0.45 EA	7.19	3.24
Total				14,356.12



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Labor Components Summary

Code	Description	Qty	Rate	Total
RFG	Roofer	96.69 HR	210.01	20,305.61
DMO	Demolition Laborer	49.17 HR	69.75	3,429.99
Total		145.86 HR		23,735.60



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Equipment Components Summary

Code	Description	Qty	Unit Price	Total
DMOFEE	Landfill charge - per ton	8.81 TN	65.00	572.84
Total				572.84



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24821 Red Lodge Place - Laguna Hills, CA 92653

Summary

Group Name	Total
Roof Replacement	38,664.57

Project Total	\$38,664.57
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