



## Northland Consulting Engineers LLP

102 S 21st Ave West, Suite #1
Duluth, MN 55806, United States
Tel: (218) 727-5995 Fax: (218) 727-7779
Info@nce-duluth.com



VIEW 3D MODEL

© 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

Use of this document is subject to HOVER's Terms of Use and is provided "as is." HOVER makes no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise relating to this document or its contents or use, including but not limited to, quality, accuracy, completeness, reliability, or fitness for a particular purpose.

PROPERTY ID: 12715134 ROBIN 29 JUN 2024



## 24805 154th Lane, McGrath, MN SUMMARY

Areas	Siding	Other
Facades	1461 ft²	
Openings	753 ft²	15
Trims*	17 ft²	*
Unknown (no photos)*	0 <b>9</b> 1	-
Total	2231 ft <sup>2</sup>	O ft²

\*Any trim or unknown material that touches siding is included in the 'Siding' column. If it does not touch siding, then it's included in the 'Other' column.

Openings	Siding	Other
Quantity	43	0
Tops Length	70′ 2″	- 16
Sills Length	151′ 3″	15#1
Sides Length	158′ 7″	2=
Total Perimeter	379′ 11″	

Corners	Siding	Other
Inside Qty	3	0
Inside Length	16′ 8″	2
Outside Qty	14	0
Outside Length	80′ 5″	

Accessories	Siding	Other
Shutter Qty	0	0
Shutter Area	O ft²	O ft²
Vents Qty	0	0
Vents Area	O ft²	O ft <sup>2</sup>

Trim	Siding	Other
Level Starter	211' 3"	
Sloped Trim	27' 10"	77
Vertical Trim	3'	572

Roofline	Length	Avg. Depth	Soffit Area
Eaves Fascia	164′ 11″	-	21
Level Frieze Board	84' 7"	3' 10"	360 ft <sup>2</sup>
Rakes Fascia	103' 8"	a:	-
Sloped Frieze Board	77′ 4″	1' 9"	117 ft <sup>2</sup>

### SIDING WASTE TOTALS

Siding & Trim Only*	Area	Squares	
Zero Waste	1477 ft <sup>2</sup>	15	
+10%	1626 ft²	161/2	
+18%	1744 ft²	171/2	

+ Openings < 20ft <sup>2</sup>	Area	Squares	
Zero Waste	2026 ft²	201/2	
+10%	2230 ft²	221/2	
+18%	2392 ft²	24	

+ Openings < 33ft <sup>2</sup>	Area	Squares	
Zero Waste	2068 ft <sup>2</sup>	203/4	
+10%	2276 ft <sup>2</sup>	23	
+18%	2442 ft <sup>2</sup>	241/2	

<sup>\*</sup>The first three rows of the Siding Waste Factor table are calculated using the total ft2 of siding facades, ft2 of trim touching siding, and ft2 of unknowns touching siding.



© 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

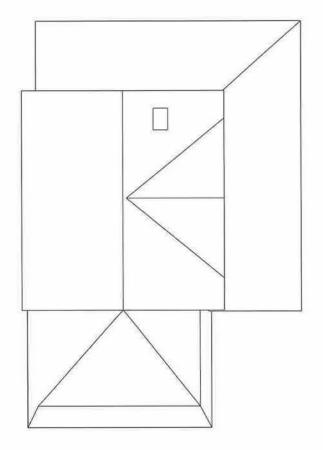
Use of this document is subject to HOVER's Terms of Use and is provided "as is." HOVER makes no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise relating to this document or its contents or use, including but not limited to, quality, accuracy, completeness, reliability, or fitness for a particular purpose.



## 24805 154th Lane, McGrath, MN **ROOF SUMMARY**

Roof	Area	Total	Length	
Roof Facets	1868 ft²	11		
Ridges / Hips	-	8	97' 1"	
Valleys	-	2	34'	
Rakes	=	9	103′ 8″	
Eaves	-	10	164′ 11″	
Flashing	8	9	52' 8"	
Step Flashing	9	8	28′ 5″	
Drip Edge/Perimeter		·	268' 6"	

Roof Pitch*	Area	Percentage
6 / 12	1117 ft²	59.8%
2/12	667 ft²	35.71%
3 / 12	60 ft <sup>2</sup>	3.21%
5 / 12	24 ft²	1.28%



### **Example Waste Factor Calculations**

	Zero Waste	+5%	+10%	+15%	+20%
Area	1868 ft²	1961 ft²	2055 ft²	2148 ft²	2242 ft <sup>2</sup>
Squares	19	19¾	20¾	21¾	22¾

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.

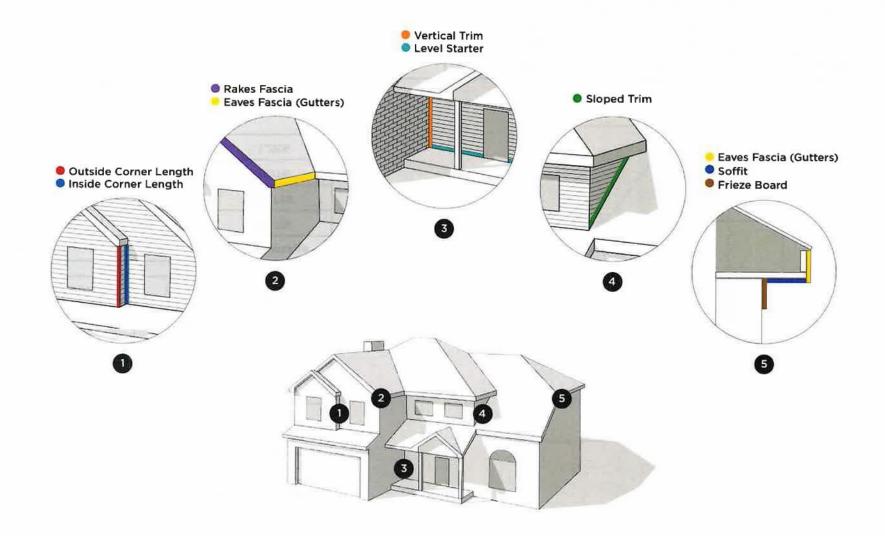


© 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

Use of this document is subject to HOVER's Terms of Use and is provided "as is." HOVER makes no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise relating to this document or its contents or use, including but not limited to, quality, accuracy, completeness, reliability, or fitness for a particular purpose.



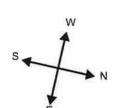
## 24805 154th Lane, McGrath, MN MEASUREMENT KEY





© 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

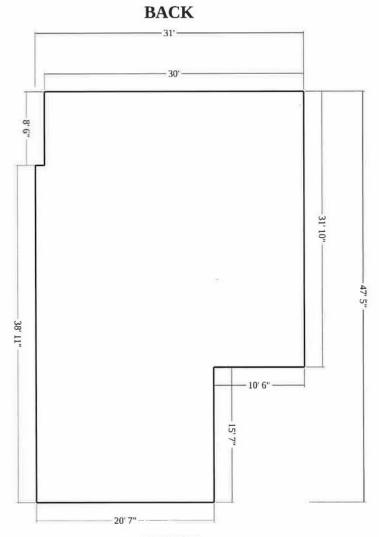
Use of this document is subject to HOVER's Terms of Use and is provided "as is," HOVER makes no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise relating to this document or its contents or use, including but not limited to, quality, accuracy, completeness, reliability, or fitness for a particular purpose,



Number of Stories: 1

Footprint Perimeter: 156' 11"

Footprint Area: 1299 ft2



### FRONT

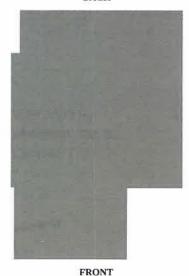


© 2024 HOVER inc., All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER, HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

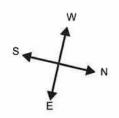


## 24805 154th Lane, McGrath, MN SIDING PER ELEVATION

### BACK



Number of Stories: 1



### Siding Per Elevation

	FRONT			RIGHT	i		LEFT			BACK	
SI-1	0.57	94 ft²	SI-2	(1 <del>0</del> )	59 ft²	SI-14	•	7 ft²	SI-10	*	190 ft²
SI-3	_	168 ft²	SI-6	-	138 ft²	SI-15	9	22 ft <sup>2</sup>	SI-11		6 ft²
SI-4	( <b>.</b>	35 ft²	SI-7	-	109 ft²	SI-16	-	484 ft²	SI-12	21	103 ft <sup>2</sup>
SI-5	-	14 ft²	SI-9		10 ft <sup>2</sup>				SI-13	*	11 ft²
SI-8	=	6 ft²	SI-17		5 ft²						
	317 ft <sup>2</sup>			321 ft <sup>2</sup>			513 ft <sup>2</sup>			310 ft <sup>2</sup>	

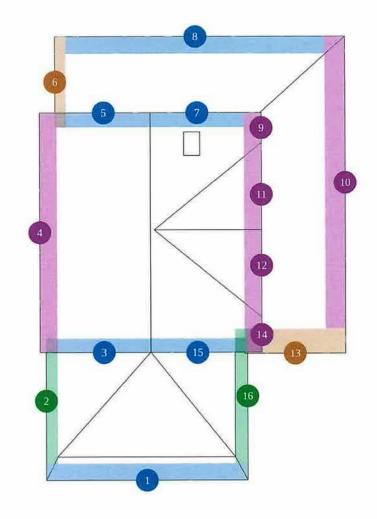




## 24805 154th Lane, McGrath, MN SOFFIT

### **Soffit Summary**

	Depth	Туре	Count	Total Length	Total Area
	12" - 18"	eaves	2	30′ 1″	42 ft²
	18" - 24"	rakes	4	47′ 8″	79 ft²
		eaves	2	53′ 3″	106 ft <sup>2</sup>
	24" - 48"	rakes	2	18′ 11″	38 ft²
		eaves	4	72′ 10″	165 ft²
	> 48"	eaves	2	4' 2"	48 ft²
_			Totals	226′ 11″	477 ft <sup>2</sup>





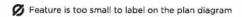
© 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.



# 24805 154th Lane, McGrath, MN

### Soffit Breakdown

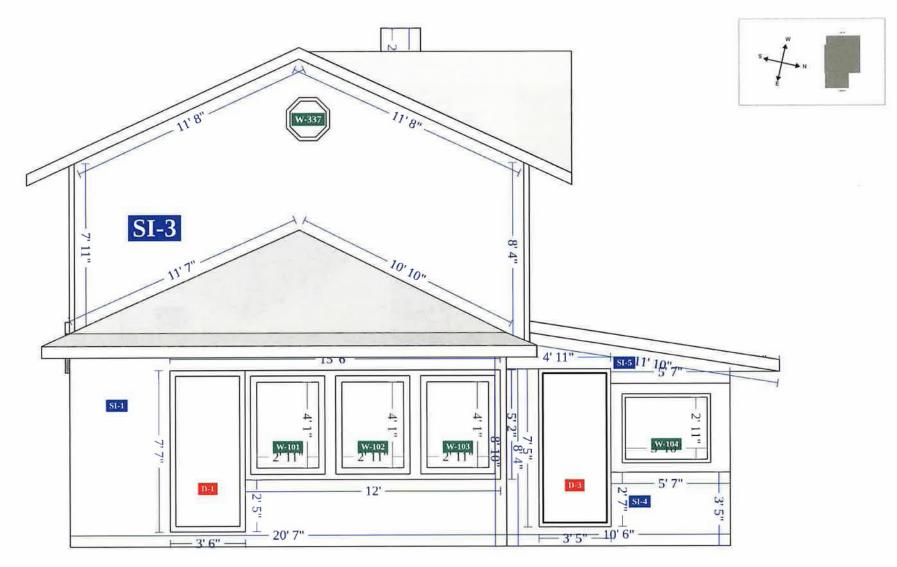
num	Type	Depth	Length	Area	Pitch
1	eave	24"	23' 4"	46 ft²	3/12
2	eave	eave 16"		19 ft²	6 / 12
3	rake	20"	11' 11"	20 ft²	6 / 12
4	eave	26"	27' 9"	61 ft <sup>2</sup>	6/12
5	rake	20"	11' 11"	20 ft <sup>2</sup>	6 / 12
6	eave	127"	1′ 3″	13 ft²	2 / 12
7	rake	20"	11' 11"	20 ft <sup>2</sup>	6 / 12
8	eave	24"	30′	60 ft <sup>2</sup>	2/12
9	eave	26"	5′ 4″	12 ft²	6/12
10	eave	28"	33' 9"	79 ft²	2/12
11	rake	24"	9' 5"	19 ft²	6 / 12
12	rake	24"	9' 5"	19 ft²	6 / 12
13	eave	142"	2' 11"	34 ft <sup>2</sup>	2/12
14	eave	26"	5′ 11″	13 ft <sup>2</sup>	6/12
15	rake	20"	11′ 11″	20 ft <sup>2</sup>	6 / 12
16	eave	17"	15' 7"	23 ft <sup>2</sup>	5/12







## 24805 154th Lane, McGrath, MN **FRONT**





© 2024 HOVER Inc., All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

Use of this document is subject to HOVER's Terms of Use and is provided "as is." HOVER makes no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise relating to this document or its contents or use, including but not limited to, quality, accuracy, completeness, reliability, or fitness for a particular purpose.



## 24805 154th Lane, McGrath, MN **FRONT-RIGHT**

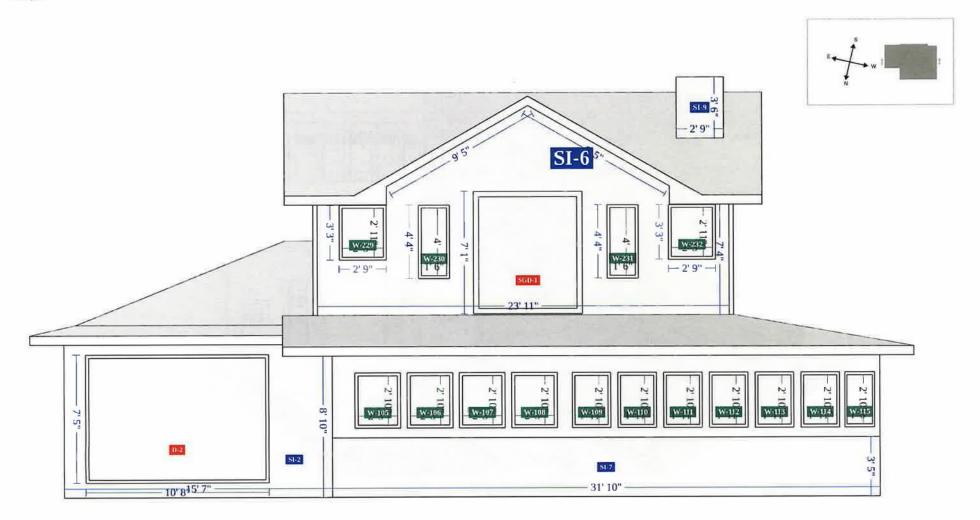




© 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.



## 24805 154th Lane, McGrath, MN RIGHT





© 2024 HOVER Inc., All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.



## 24805 154th Lane, McGrath, MN **RIGHT-BACK**



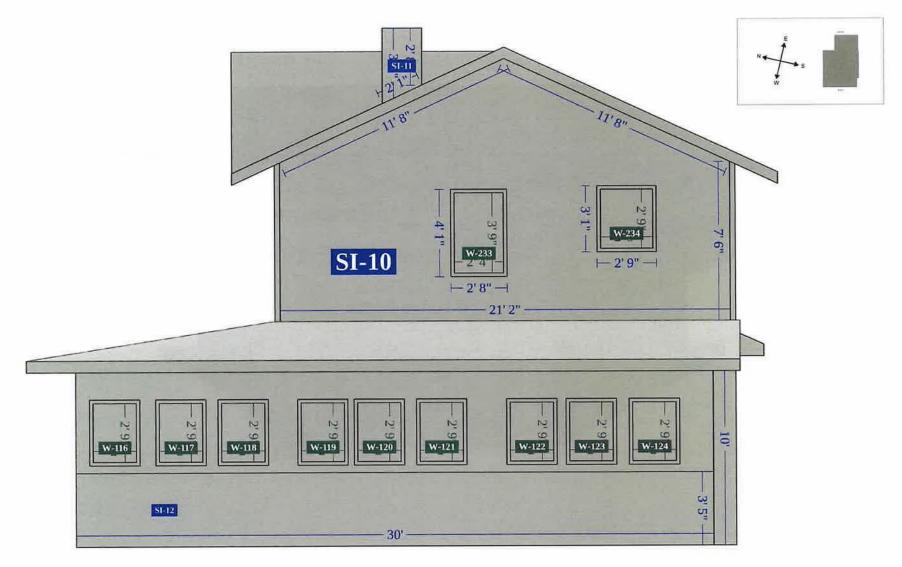


© 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER, HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

Use of this document is subject to HOVER's Terms of Use and is provided "as is." HOVER makes no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise relating to this document or its contents or use, including but not limited to, quality, accuracy, completeness, reliability, or fitness for a particular purpose.



## 24805 154th Lane, McGrath, MN **BACK**



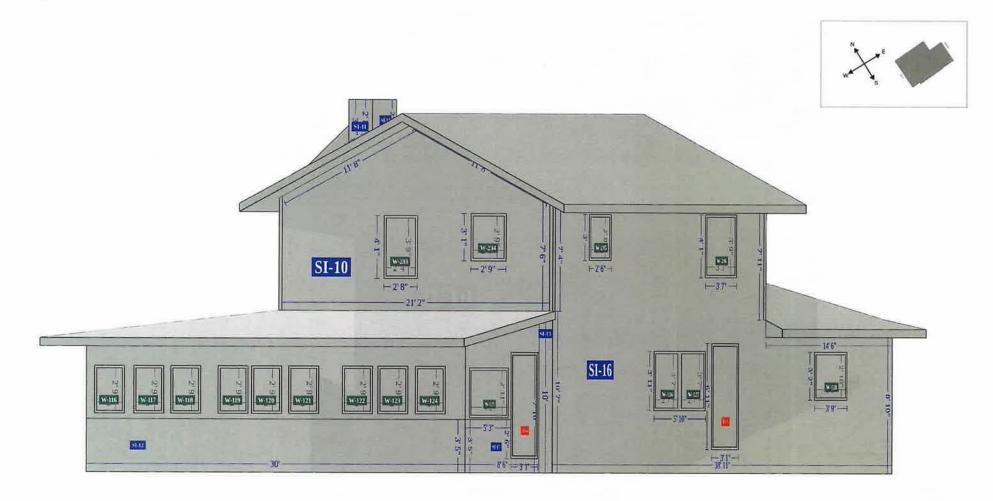


© 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

Use of this document is subject to HOVER's Terms of Use and is provided "as is." HOVER makes no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise relating to this document or its contents or use, including but not limited to, quality, accuracy, completeness, reliability, or fitness for a particular purpose.



## 24805 154th Lane, McGrath, MN **BACK-LEFT**



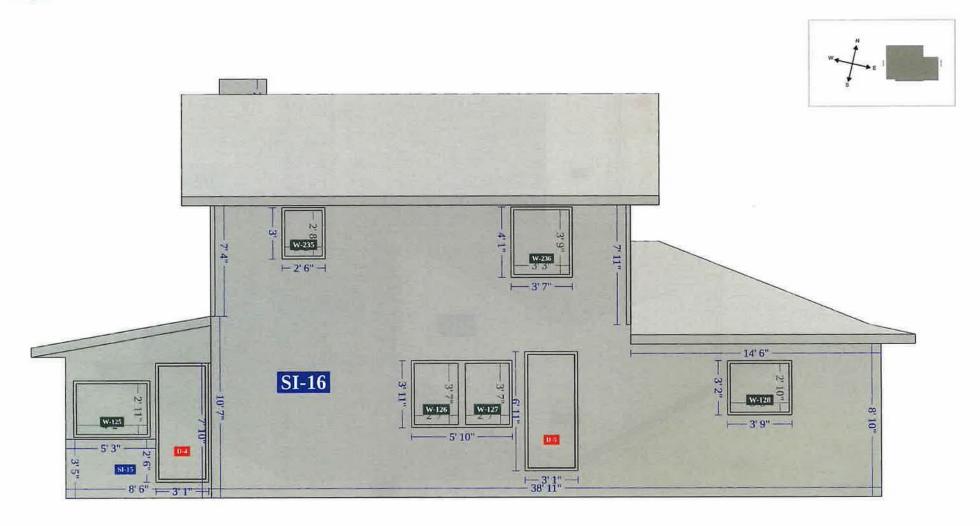


© 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

Use of this document is subject to HOVER's Terms of Use and is provided "as is." HOVER makes no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise relating to this document or its contents or use, including but not limited to, quality, accuracy, completeness, reliability, or fitness for a particular purpose.



# 24805 154th Lane, McGrath, MN





© 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

Use of this document is subject to HOVER's Terms of Use and is provided "as is." HOVER makes no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise relating to this document or its contents or use, including but not limited to, quality, accuracy, completeness, reliability, or fitness for a particular purpose.



## 24805 154th Lane, McGrath, MN LEFT-FRONT





© 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

Use of this document is subject to HOVER's Terms of Use and is provided "as is." HOVER makes no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise relating to this document or its contents or use, including but not limited to, quality, accuracy, completeness, reliability, or fitness for a particular purpose.



## 24805 154th Lane, McGrath, MN **FACADES**

### Siding

Facade	Area	Inside Corners	Outside Corners	Openings	Shutters	Vents
SI-1	94 ft²	( <b>2</b> 8)	2	4	*	(=
SI-2	59 ft²	2	1	1	=	-
SI-3	168 ft²	-	2	1	*	×
SI-4	35 ft²	1	1	40	*	-
SI-5	14 ft²	1	<b>%</b> ≧0	₩	*	-
SI-6	138 ft²	-	2	5	•	-
SI-7	109 ft²	S20	2	24	<b>*</b> (	*
SI-8	6 ft²	:=:	2	<b>34</b> 5	*	
SI-9	10 ft²	) <u>=</u>	2			
SI-10	190 ft²	-	2	2	æ∨	191
SI-11	6 ft²	*	2		<b>=</b> 0	
SI-12	103 ft²	*	2	:-	(*)	750
SI-13	11 ft²	1	1	*	15.	
SI-14	7 ft²		2	*	#.	
SI-15	22 ft²	1	1	*	*	
SI-16	484 ft²		4	6	.24	
SI-17	5 ft²		5 <b>5</b> .	(\$)	NF.2	
Total	1461 ft²	6	28	43	0	0



PROPERTY ID: 12715134

ROBIN



## 24805 154th Lane, McGrath, MN SIDING

### **Facades**

			Trim		Cor	rners	Roo	fline		Openings	
Facade	Area	Level Starter	Sloped	Vertical	Inside	Outside	Level Frieze Board	Sloped Frieze Board	Tops	Sills	Sides
SI-1	94 ft²	20' 7"	·*·		-	17' 9"	20′ 7″	-	15' 6"	15′ 6″	15' 2"
SI-2	59 ft²	15′ 7″	1-2	0/ <del>₹</del> 8:	8' 10"	8′ 10″	15' 7"	æ:	10′ 8″	10′ 8″	14' 10'
SI-3	168 ft²	770.	23′ 5″	((5)	•	15′ 3″	54	23' 3"	10"	10"	5′
SI-4	35 ft²	10' 6"	-		8' 4"	3′ 5″	₹.	<del></del>	an s	9'	10'
SI-5	14 ft²	3' 10"	4"	1'	7"	-	1′ 5″	11' 10"	3′ 5″	5' 7"	1′ 3″
SI-6	138 ft²	23′ 11″	: <b>-</b> :	4"	-	14′ 8″	7' 6"	18' 11"	15′ 5″	15′ 5″	44' 3'
SI-7	109 ft²	31′ 10″	=	3.0	-	6′ 11″	(E)		*	31′ 10″	940
SI-8	6 ft²	175	2' 1"	N.S.	-	6' 3"	S.#A.	3#7E	-	*	
SI-9	10 ft <sup>2</sup>	2' 9"	æ		7	7' 1"	0.50	a		.*:	
SI-10	190 ft²	21′ 2″	1-1	77 <u>4</u> 41	2	14′ 8″	6 <u>0</u> 11	23' 3"	5′ 5″	5′ 5″	14′ 5″
SI-11	6 ft²	-	2' 1"	341	2	6′ 3″	82	4	2	-	-
SI-12	103 ft²	30'	3 <b>9</b> 01		1#1	6′ 11″	3 <b>4</b> 3	-	-	30'	3.40
SI-13	11 ft²	1' 1"	7.	3.50	7' 10"	10′	1' 1"	-	-	-	2' 2"
SI-14	7 ft²	2' 9"		5 <b>9</b> 5.	-	5' 4"	51 <b>2</b> .		-	*	
SI-15	22 ft²	8′ 6″	3	75	7′ 10″	3' 5"	×Ē.	8	2"	8' 4"	9' 5"
SI-16	484 ft²	38' 11"	-	1′ 8″	040	34' 1"	38′ 5″	-	18′ 9″	18′ 9″	42′ 1″
SI-17	5 ft²	=:	-	141	3140	-	-	<u>=</u> :	20	~	28
Total*	1461 ft <sup>2</sup>	211′ 3″	27' 10"	3'	16′ 8″	80′ 5″	84' 7"	77′ 4″	70′ 2″	151′ 3″	158′ 7′

<sup>\*</sup>Totals de-duplicate any line segments that are shared between multiple facades, and as a result may not represent a total summation of the corresponding column.



© 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

Use of this document is subject to HOVER's Terms of Use and is provided "as is." HOVER makes no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise relating to this document or its contents or use, including but not limited to, quality, accuracy, completeness, reliability, or fitness for a particular purpose.

## **Example Waste Factor Calculations**

### SIDING & TRIM ONLY

	Zero Waste	+10%	+18%
SI-1	94 ft²	103 ft²	111 ft²
51-2	59 ft²	65 ft²	70 ft²
SI-3	168 ft <sup>2</sup>	185 ft²	198 ft²
SI-4	35 ft²	39 ft <sup>2</sup>	41 ft <sup>2</sup>
SI-5	14 ft <sup>2</sup>	15 ft²	17 ft²
61-6	138 ft²	152 ft²	163 ft²
SI-7	109 ft <sup>2</sup>	120 ft <sup>2</sup>	129 ft²
8-18	6 ft²	7 ft²	7 ft²
51-9	10 ft <sup>2</sup>	11 ft²	12 ft²
1-10	190 ft <sup>2</sup>	209 ft <sup>2</sup>	224 ft <sup>2</sup>
SI-11	6 ft²	7 ft²	7 ft²
1-12	103 ft <sup>2</sup>	113 ft²	122 ft²
il-13	11 ft²	12 ft²	13 ft²
il-14	7 ft²	8 ft²	8 ft²
1-15	22 ft²	24 ft²	26 ft²
SI-16	484 ft²	532 ft²	571 ft²

### + OPENINGS < 20FT<sup>2</sup>

Zero Waste	+10%	+18%
130 ft <sup>2</sup>	143 ft <sup>2</sup>	153 ft²
59 ft²	65 ft²	70 ft²
171 ft²	188 ft²	202 ft <sup>2</sup>
35 ft²	39 ft²	41 ft <sup>2</sup>
14 ft²	15 ft²	17 ft²
164 ft²	180 ft²	194 ft²
272 ft <sup>2</sup>	299 ft <sup>2</sup>	321 ft <sup>2</sup>
6 ft²	7 ft²	7 ft²
10 ft <sup>2</sup>	11 ft²	12 ft²
206 ft <sup>2</sup>	227 ft <sup>2</sup>	243 ft <sup>2</sup>
6 ft²	7 ft²	7 ft²
103 ft²	113 ft²	122 ft²
11 ft²	12 ft²	13 ft²
7 ft²	8 ft²	8 ft²
22 ft²	24 ft <sup>2</sup>	26 ft²
548 ft <sup>2</sup>	603 ft <sup>2</sup>	647 ft <sup>2</sup>

### + OPENINGS < 33FT<sup>2</sup>

Zero Waste	+10%	+18%
151 ft²	166 ft²	178 ft²
59 ft²	65 ft²	70 ft²
171 ft²	188 ft²	202 ft <sup>2</sup>
35 ft²	39 ft²	41 ft²
14 ft <sup>2</sup>	15 ft²	17 ft²
164 ft <sup>2</sup>	180 ft²	194 ft²
293 ft <sup>2</sup>	322 ft <sup>2</sup>	346 ft²
6 ft²	7 ft²	7 ft²
10 ft <sup>2</sup>	11 ft²	12 ft <sup>2</sup>
206 ft <sup>2</sup>	227 ft <sup>2</sup>	243 ft <sup>2</sup>
6 ft²	7 ft²	7 ft²
103 ft <sup>2</sup>	113 ft²	122 ft <sup>2</sup>
11 ft²	12 ft²	13 ft²
7 ft²	8 ft²	8 ft²
22 ft <sup>2</sup>	24 ft <sup>2</sup>	26 ft²
548 ft <sup>2</sup>	603 ft <sup>2</sup>	647 ft <sup>2</sup>





## 24805 154th Lane, McGrath, MN SIDING

### SIDING & TRIM ONLY (CONT.)

Zero +10% +18% Waste 5 ft2 SI-17 6 ft2 6 ft2 16 ft2 18 ft2 19 ft2 Trims Total 1477 ft<sup>2</sup> 1626 ft<sup>2</sup> 1744 ft<sup>2</sup>

### + OPENINGS < 20FT<sup>2</sup>

Zero Waste	+10%	+18%
5 ft²	6 ft²	6 ft²
257 ft <sup>2</sup>	283 ft²	303 ft <sup>2</sup>
2026 ft <sup>2</sup>	2230 ft <sup>2</sup>	2392 ft <sup>2</sup>

### + OPENINGS < 33FT2

Zero Waste	+10%	+18%
5 ft²	6 ft²	6 ft²
257 ft <sup>2</sup>	283 ft <sup>2</sup>	303 ft <sup>2</sup>
2068 ft <sup>2</sup>	2276 ft <sup>2</sup>	2442 ft <sup>2</sup>

The first Siding Waste Factor table is calculated using the total ft2 of siding facades, ft2 of trim touching siding, and ft2 of unknowns touching siding.

The tables above provide the area of siding on a given property, segmented by individual and in sum total form. Values include openings (doors & windows) and 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 siding techniques, and your own level of expertise. Accessories are not included in these values and may require additional material.

These tables are only intended to make common waste calculations easier and should not be interpreted as recommendations.



© 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

Use of this document is subject to HOVER's Terms of Use and is provided "as is." HOVER makes no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise relating to this document or its contents or use, including but not limited to, quality, accuracy, completeness, reliability, or fitness for a particular purpose.



### Windows

Group	Group Width x Height	Group United Inches	Opening	Width x Height	United Inches	Area
WG-1	35" x 49"	84"	W-101	35" x 49"	84"	12 ft²
WG-2	35" x 49"	84"	W-102	35" x 49"	84"	12 ft²
WG-3	35" x 49"	84"	W-103	35" x 49"	84"	12 ft²
WG-4	46" x 35"	81"	W-104	46" x 35"	81"	11 ft²
WG-5	27" × 34"	62"	W-105	27" x 34"	62"	7 ft²
WG-6	27" x 34"	62"	W-106	27" x 34"	62"	7 ft²
WG-7	27" x 34"	62"	W-107	27" x 34"	62"	7 ft²
WG-8	27" x 34"	62"	W-108	27" x 34"	62"	7 ft²
WG-9	23" x 34"	57"	W-109	23" x 34"	57"	6 ft²
WG-10	23" x 34"	57"	W-110	23" x 34"	57"	6 ft²
WG-11	23" x 34"	57"	W-111	23" x 34"	57"	6 ft²
WG-12	23" x 34"	57"	W-112	23" x 34"	57"	6 ft²
WG-13	23" x 34"	57"	W-113	23" x 34"	57"	6 ft²
WG-14	23" x 34"	57"	W-114	23" x 34"	57"	6 ft²
WG-15	18" x 34"	52"	W-115	18" x 34"	52"	4 ft <sup>2</sup>
WG-16	24" x 33"	58"	W-116	24" x 33"	58"	6 ft²
WG-17	24" x 33"	58"	W-117	24" x 33"	58"	6 ft²
WG-18	24" x 33"	58"	W-118	24" x 33"	58"	6 ft²





### Windows (cont.)

Group	Group Width x Height	Group United Inches	Opening	Width x Height	United Inches	Area
WG-19	24" × 33"	58"	W-119	24" x 33"	58"	6 ft²
WG-20	24" x 33"	58"	W-120	24" × 33"	58"	6 ft²
WG-21	24" x 33"	58"	W-121	24" x 33"	58"	6 ft²
WG-22	24" × 33"	58"	W-122	24" x 33"	58"	6 ft²
WG-23	24" × 33"	58"	W-123	24" x 33"	58*	6 ft²
WG-24	24" × 33"	58"	W-124	24" x 33"	58"	6 ft²
WG-25	50" x 35"	85"	W-125	50" x 35"	85"	12 ft²
WG-26	66" x 43"	109"	W-126	31" x 43"	73"	9 ft²
			W-127	31" x 43"	73"	9 ft²
WG-27	41" x 34"	75"	W-128	41" x 34"	75"	10 ft²
WG-28	29" x 35"	63"	W-229	29" x 35"	63"	7 ft²
WG-29	18" x 48"	65"	W-230	18" x 48"	65"	6 ft²
WG-30	18" x 48"	65"	W-231	18" x 48"	65"	6 ft²
WG-31	29" x 35"	63"	W-232	29" x 35"	63"	7 ft²
WG-32	28" x 45"	73"	W-233	28" x 45"	73"	9 ft²
WG-33	29" x 33"	63"	W-234	29" x 33"	63"	7 ft²
WG-34	26" x 32"	58"	W-235	26" x 32"	58"	6 ft²
WG-35	39" x 45"	84"	W-236	39" x 45"	84"	12 ft²





### Windows (cont.)

Group	Group Width x Height	Group United Inches	Opening	Width x Height	United Inches	Area
WG-36	20" x 20"	41"	W-337	20" x 20"	41"	3 ft²
			Total	177	2377"	272 ft²





### Doors

Opening	Width x Height
D-1	36" x 82"
D-2	120" x 80"
D-3	36" x 82"
D-4	32" x 80"
D-5	32" x 80"
SGD-1	72" x 80"

<sup>\*</sup>Door height and width have been snapped to standard

### **Entire Doors**

Opening	Width x Height	Area
D-1	36" x 85"	21 ft <sup>2</sup>
D-2	124" x 85"	73 ft²
D-3	36" x 85"	21 ft <sup>2</sup>
D-4	33" x 79"	18 ft²
D-5	33" x 79"	18 ft²
SGD-1	69" x 78"	37 ft <sup>2</sup>
Total	-	188 ft²

<sup>\*</sup>Total door square footage includes entire door package (e.g. with transoms, sidelites, etc.)

PROPERTY ID: 12715134

ROBIN

Page 24

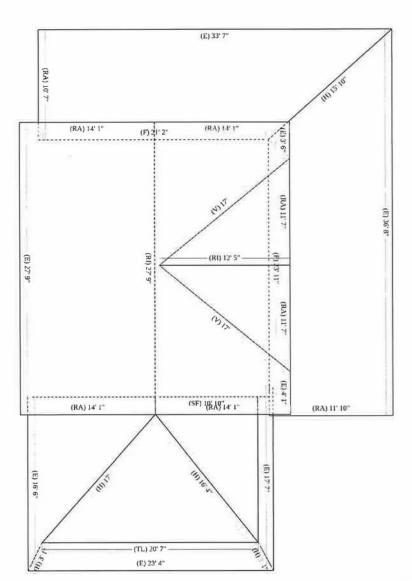
29 JUN 2024



## 24805 154th Lane, McGrath, MN **ROOF MEASUREMENTS**

Roof	Length	
Ridges (RI)	41′ 9″	
Hips (H)	55′ 4″	
Valleys (V)	34'	
Rakes (RA)	103′ 8″	
Eaves (E)	164′ 11″	
Flashing (F)*	52' 8"	
Step Flashing (SF)*	28′ 5″	
Transition Line (TL)	34' 4"	

<sup>\*</sup>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)

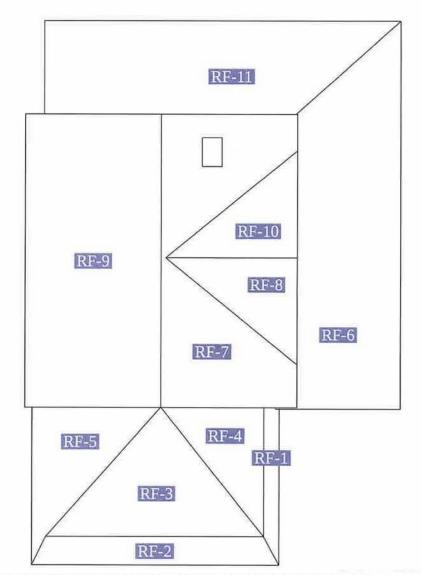




© 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

### **Roof Facets**

Facet	Area	Pitch
RF-1	24 ft²	5/12
RF-2	60 ft²	3/12
RF-3	135 ft²	6/12
RF-4	84 ft²	6/12
RF-5	114 ft²	6/12
RF-6	373 ft²	2/12
RF-7	248 ft²	6/12
RF-8	72 ft²	6/12
RF-9	392 ft²	6/12
RF-10	72 ft²	6/12
RF-11	294 ft²	2/12



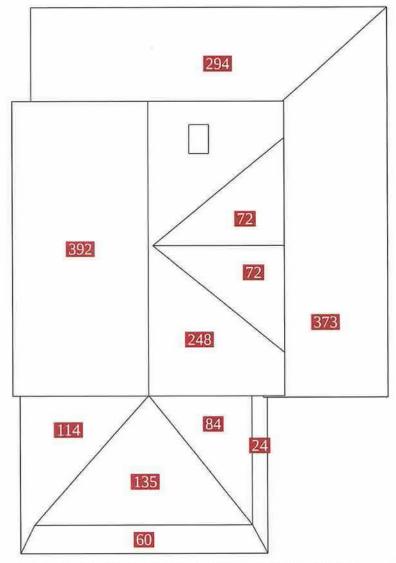


© 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER, HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.



## 24805 154th Lane, McGrath, MN **ROOF AREA**

Roof	Facets	Total
Total	11	1868 ft²





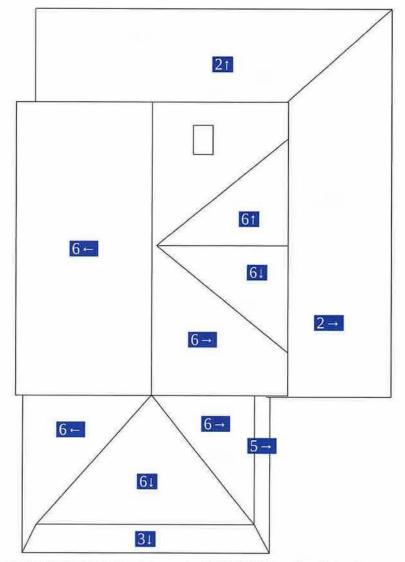
® 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

Use of this document is subject to HOVER's Terms of Use and is provided "as is." HOVER makes no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise relating to this document or its contents or use, including but not limited to, quality, accuracy, completeness, reliability, or fitness for a particular purpose.



## 24805 154th Lane, McGrath, MN **ROOF PITCH**

<b>Roof Pitch</b>	Area	Percentage
6 / 12	1117 ft²	59.8%
2/12	667 ft²	35.71%
3 / 12	60 ft <sup>2</sup>	3.21%
5 / 12	24 ft <sup>2</sup>	1.28%





© 2024 HOVER Inc. All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER. HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

Use of this document is subject to HOVER's Terms of Use and is provided "as is." HOVER makes no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise relating to this document or its contents or use, including but not limited to, quality, accuracy, completeness, reliability, or fitness for a particular purpose.



## 24805 154th Lane, McGrath, MN **PHOTOS**















© 2024 HOVER Inc., All rights reserved. This document and the images, measurement data, format and contents are the exclusive property of HOVER, HOVER is the registered trademark of Hover Inc. All other brands, products and company names mentioned herein may be trademarks or registered trademarks of their respective holders.

Use of this document is subject to HOVER's Terms of Use and is provided "as is." HOVER makes no guarantees, representations or warranties of any kind, express or implied, arising by law or otherwise relating to this document or its contents or use, including but not limited to, quality, accuracy, completeness, reliability, or fitness for a particular purpose.



## 24805 154th Lane, McGrath, MN **PHOTOS**







