



VIEW 3D MODEL

PROPERTY ID: 10783869

BLANE SMITH 13 NOV 2023



7 Iron Bolt Court, Catonsville, MD **SUMMARY**

Areas	Siding	Other	
Facades	1943 ft²	471 ft ²	
Openings	217 ft²	119 ft²	
Trims*	28 ft²	-	
Unknown (no photos)*	84 ft²	-	
Total	2272 ft²	590 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	14	5
Tops Length	48′ 8″	19′ 11″
Sills Length	48′ 8″	11′ 5″
Sides Length	96′ 2″	46′ 4″
Total Perimeter	193′ 6″	77′ 7″

Corners	Siding	Other
Inside Qty	1	0
Inside Length	7′ 2″	-
Outside Qty	13	0
Outside Length	85′ 4″	-

Accessories	Siding	Other
Shutter Qty	0	6
Shutter Area	O ft²	30 ft ²
Vents Qty	0	3
Vents Area	O ft²	6 ft²

Trim	Siding Other		
Level Starter	173′ 6″	89′ 1″	
Sloped Trim	68′ 8″	10′ 8″	
Vertical Trim	63′ 8″	208′ 11″	

Roofline	Length	Avg. Depth	Soffit Area
Eaves Fascia	84′ 3″	-	-
Level Frieze Board	157′	1′ 2″	135 ft²
Rakes Fascia	126′ 9″	-	-
Sloped Frieze Board	119′ 2″	-	O ft²

SIDING WASTE TOTALS

Siding & Trim Only*	Area Squares	
Zero Waste	2056 ft ²	20¾
+10%	2259 ft ²	223/4
+18%	2429 ft ²	24½

+ Openings < 20ft ²	Area	Squares
Zero Waste	2234 ft ²	22½
+10%	2455 ft ²	24¾
+18%	2640 ft ²	26½

+ Openings < 33ft ²	Area	Squares
Zero Waste	2234 ft ²	22½
+10%	2455 ft ²	24¾
+18%	2640 ft ²	26½

^{*}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.

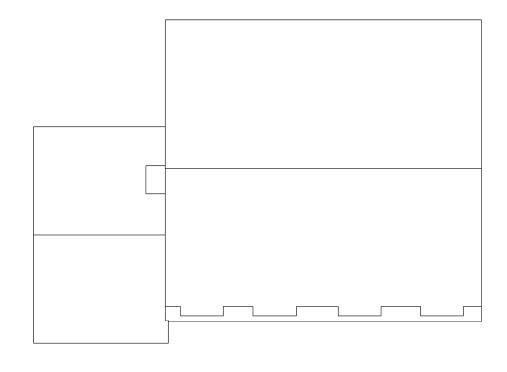




7 Iron Bolt Court, Catonsville, MD **ROOF SUMMARY**

Roof	Area	Total	Length
Roof Facets	1908 ft²	5	-
Ridges / Hips	-	7	66′ 2″
Valleys	-	0	-
Rakes	-	17	126′ 9″
Eaves	-	7	84′ 3″
Flashing	-	6	23′ 6″
Step Flashing	-	23	77′ 5″
Drip Edge/Perimeter	-	-	211′

Roof Pitch*	Area	Percentage
6 / 12	1684 ft²	88.26%
69 / 12	224 ft ²	11.74%



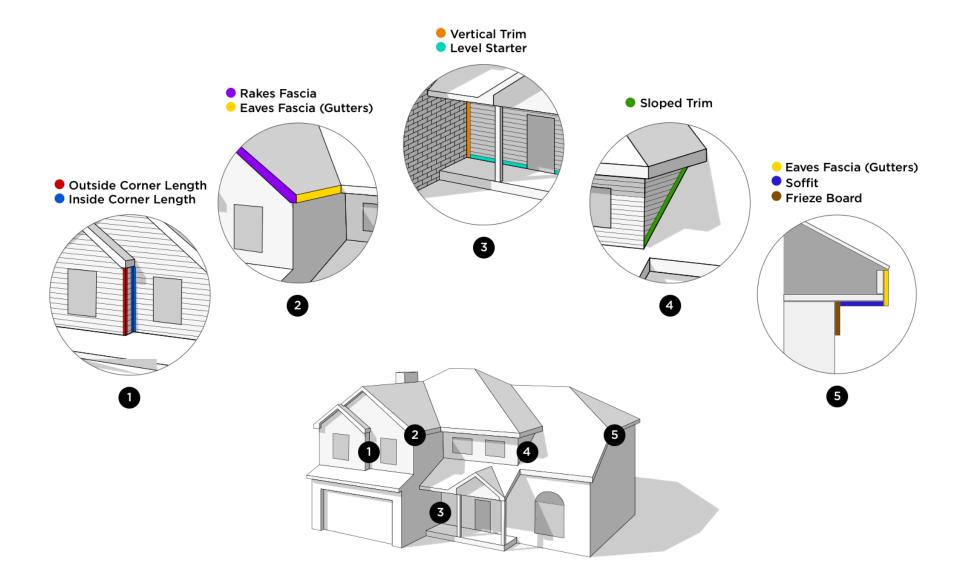
Example Waste Factor Calculations

	Zero Waste	+5%	+10%	+15%	+20%
Area	1908 ft²	2003 ft ²	2099 ft ²	2194 ft ²	2290 ft ²
Squares	191⁄3	201/3	21	22	23

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.

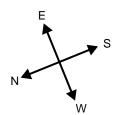




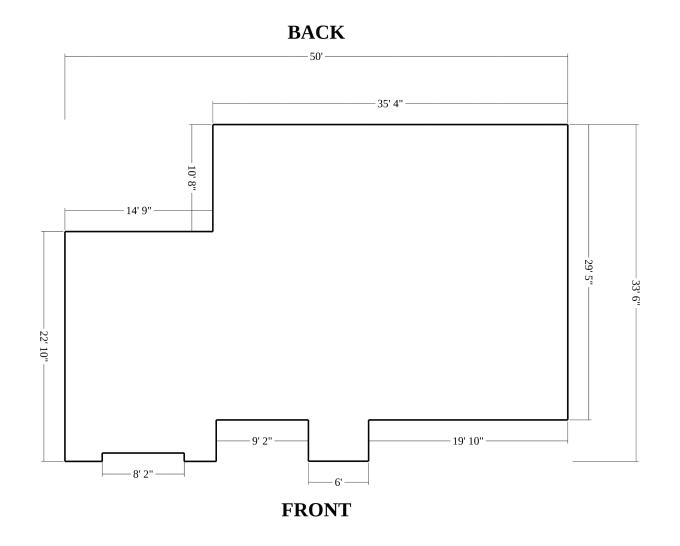








Number of Stories: > 1 Footprint Perimeter: 177' Footprint Area: 1394 ft²

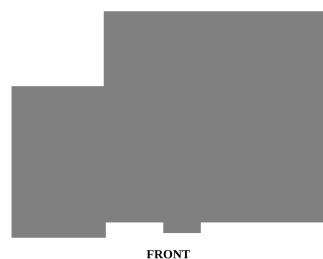






7 Iron Bolt Court, Catonsville, MD SIDING PER ELEVATION

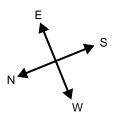




Siding Per Elevation

			ſ						1		
	FRONT			RIGHT			LEFT			BACK	
SI-2	-	11 ft²	SI-1	-	35 ft ²	SI-14	-	3 ft ²	SI-11	-	221 ft ²
SI-4	-	12 ft²	SI-3	-	3 ft ²	SI-15	-	280 ft ²	SI-12	-	233 ft ²
SI-6	-	11 ft²	SI-5	-	3 ft ²	SI-16	-	3 ft²	SI-13	-	104 ft ²
SI-8	-	11 ft²	SI-7	-	3 ft ²	SI-17	-	3 ft²			
			SI-9	-	3 ft ²	SI-18	-	108 ft ²			
			SI-10	-	661 ft ²	SI-19	-	3 ft ²			
						SI-20	-	232 ft ²			
	45 ft ²			708 ft ²			632 ft ²	!		558 ft ²	

Number of Stories: > 1

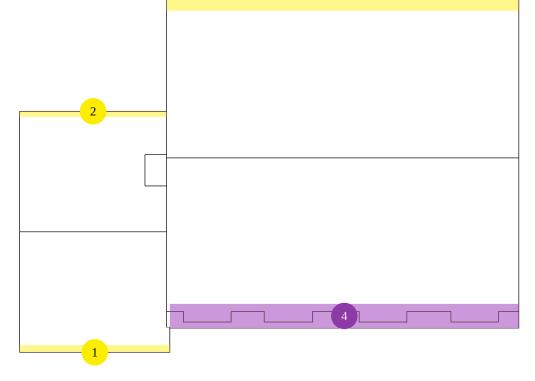






Soffit Summary

	Depth	Type	Count	Total Length	Total Area
	6" - 12"	eaves	3	65′ 1″	51 ft²
		-	1	35′ 4″	34 ft²
	24" - 48"	eaves	1	35′	85 ft²
•			Totals	135′ 4″	169 ft²







Soffit Breakdown

	num	Туре	Depth	Length	Area	Pitch
	1	eave	9"	15′ 1″	11 ft²	6 / 12
	2	eave	7"	14′ 9″	8 ft²	6 / 12
Ø	3	eave	11"	35′ 4″	31 ft ²	6 / 12
	4	eave	29"	35′	85 ft ²	69 / 12
Ø	5	-	12"	35′ 4″	34 ft ²	6 / 12



Feature is too small to label on the plan diagram

Feature could not be labelled with complete certainty







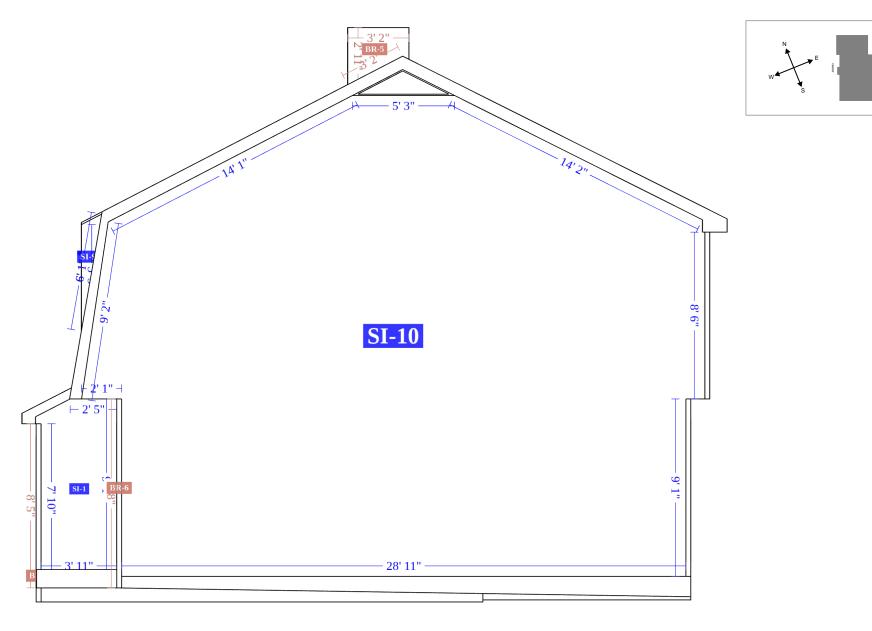


7 Iron Bolt Court, Catonsville, MD FRONT-RIGHT



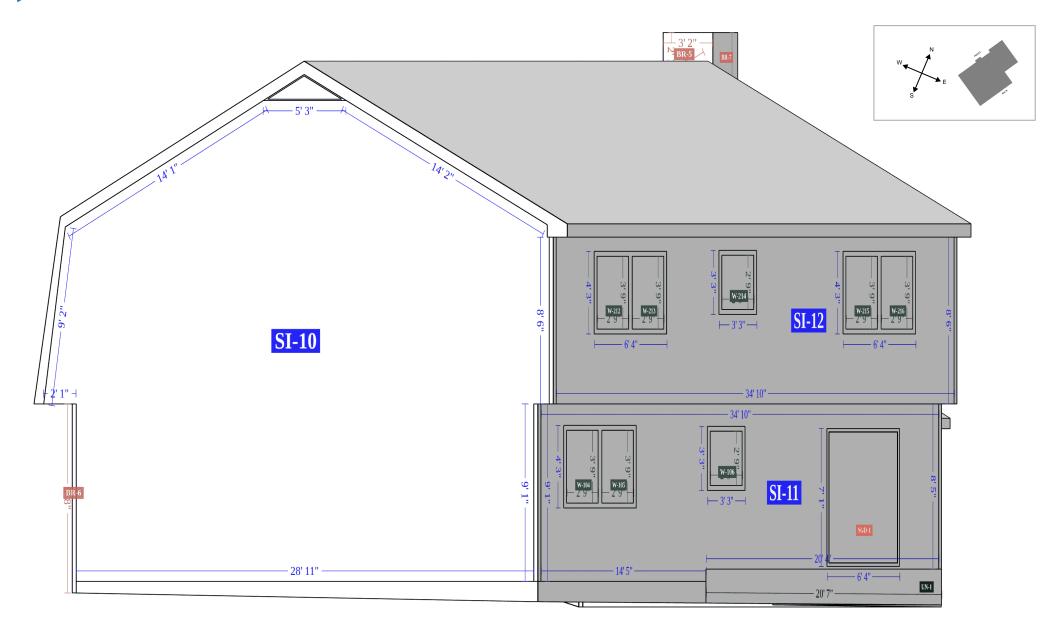






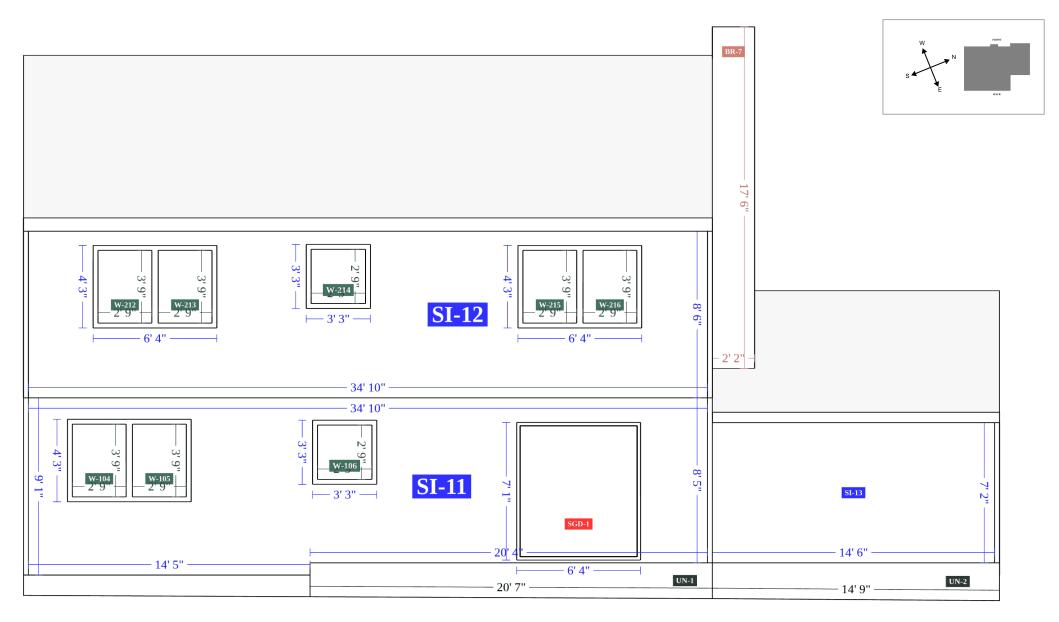


7 Iron Bolt Court, Catonsville, MD **RIGHT-BACK**









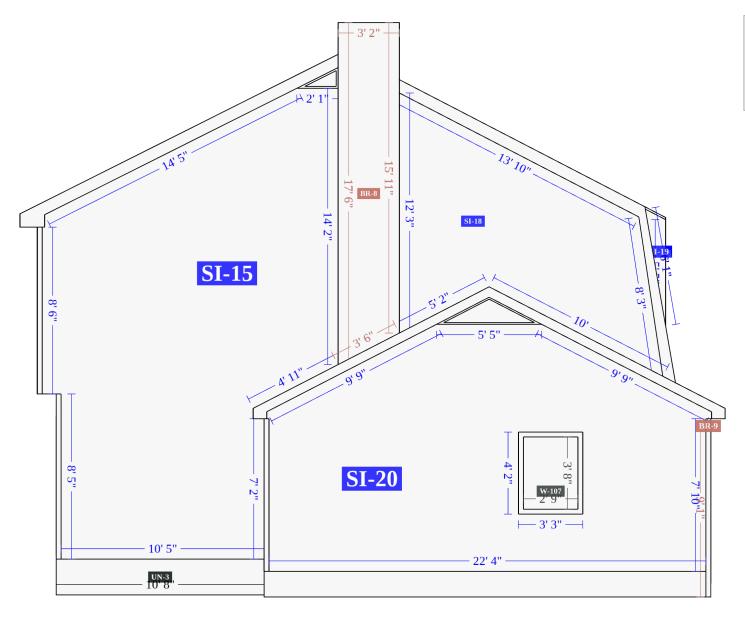


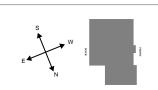




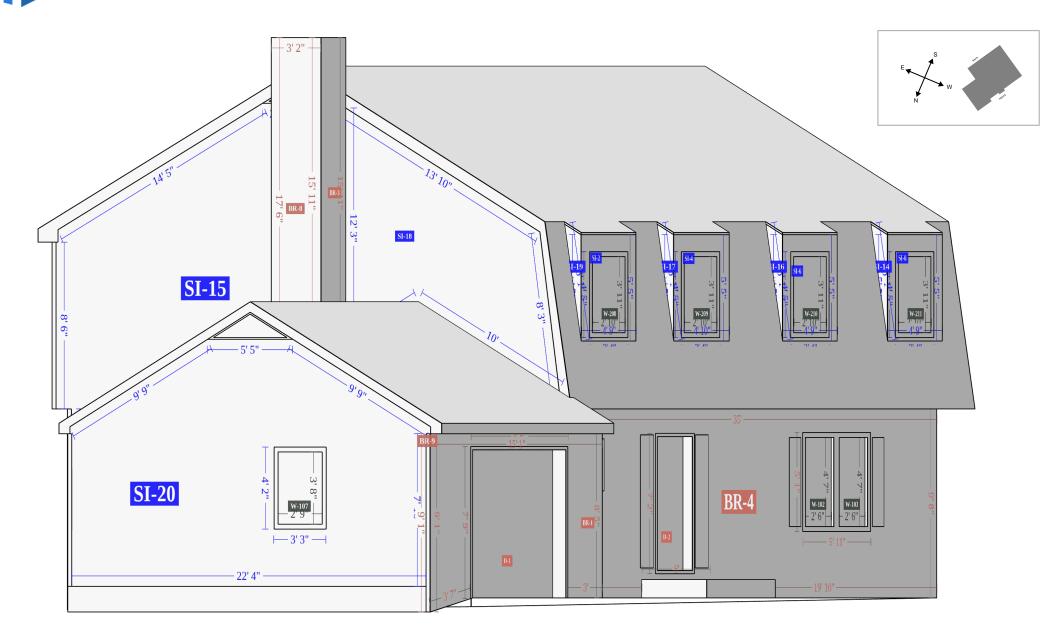








7 Iron Bolt Court, Catonsville, MD LEFT-FRONT





Siding

Facade	Area	Inside Corners	Outside Corners	Openings	Shutters	Vents
SI-1	35 ft²	-	-	-	-	-
SI-2	11 ft²	-	2	1	-	-
SI-3	3 ft²	-	1	-	-	-
SI-4	12 ft²	-	2	1	-	-
SI-5	3 ft ²	-	1	-	-	-
SI-6	11 ft²	-	2	1	-	-
SI-7	3 ft ²	-	1	-	-	-
SI-8	11 ft²	-	2	1	-	-
SI-9	3 ft²	-	1	-	-	-
SI-10	661 ft ²	-	2	-	-	-
SI-11	221 ft ²	-	2	4	-	-
SI-12	233 ft ²	-	2	5	-	-
SI-13	104 ft ²	1	1	-	-	-
SI-14	3 ft²	-	1	-	-	-
SI-15	280 ft ²	1	2	-	-	-
SI-16	3 ft²	-	1	-	-	-
SI-17	3 ft²	-	1	-	-	-
SI-18	108 ft²	-	-	-	-	-
SI-19	3 ft ²	-	1	-	-	-





Siding (cont.)

Facade	Area	Inside Corners	Outside Corners	Openings	Shutters	Vents
SI-20	232 ft ²	-	1	1	-	-
Total	1943 ft²	2	26	14	0	0

Brick

Facade	Area	Openings	Shutters	Vents
BR-1	62 ft²	1	-	-
BR-2	2 ft²	-	-	-
BR-3	34 ft²	-	-	-
BR-4	272 ft ²	4	6	-
BR-5	7 ft²	-	-	-
BR-6	2 ft²	-	-	-
BR-7	38 ft²	-	-	-
BR-8	52 ft²	-	-	-
BR-9	2 ft²	-	-	-
Total	471 ft²	5	6	0



Unknown (missing photos)

Facade	Area	Openings	Shutters	Vents
UN-1	37 ft ²	-	-	-
UN-2	28 ft ²	-	-	-
UN-3	19 ft²	-	-	-
Total	84 ft²	0	0	0





7 Iron Bolt Court, Catonsville, MD **SIDING**

Facades

			Trim		Cor	ners	Roo	fline		Openings	
Facade	Area	Level Starter	Sloped	Vertical	Inside	Outside	Level Frieze Board	Sloped Frieze Board	Tops	Sills	Sides
SI-1	35 ft²	4' 2"	-	17′ 3″	-	-	2′ 5″	2'	-	-	_
SI-2	11 ft²	4′ 9″	-	-	-	10′ 11″	4′ 9″	-	3' 4"	3′ 4″	8′ 9″
SI-3	3 ft²	-	6′ 1″	-	-	5′ 5″	-	1′ 2″	-	-	_
SI-4	12 ft²	4′ 10″	-	-	-	10′ 11″	4′ 10″	-	3' 4"	3′ 4″	8′ 9″
SI-5	3 ft ²	-	6′ 1″	-	-	5′ 5″	-	1′ 2″	-	-	_
SI-6	11 ft²	4′ 9″	-	-	-	10′ 11″	4′ 9″	-	3' 4"	3′ 4″	8′ 9″
SI-7	3 ft ²	-	6′ 1″	-	-	5′ 5″	-	1′ 2″	-	-	_
SI-8	11 ft²	4′ 9″	-	-	-	10′ 11″	4′ 9″	-	3' 4"	3′ 4″	8′ 9″
SI-9	3 ft ²	-	6′ 1″	-	-	5′ 5″	-	1′ 2″	-	-	_
SI-10	661 ft ²	31′ 11″	-	9′ 9″	-	17′ 7″	1"	43′ 4″	-	-	_
SI-11	221 ft ²	34′ 10″	-	8"	-	17′ 6″	34′ 10″	-	16′	16′	29′ 1″
SI-12	233 ft ²	34′ 10″	-	-	-	17′ 1″	34′ 10″	-	16′	16′	23′ 6″
SI-13	104 ft²	14′ 6″	-	-	7′ 2″	7′ 2″	14′ 6″	-	-	-	_
SI-14	3 ft²	-	6′ 1″	-	-	5′ 5″	-	1′ 2″	-	-	_
SI-15	280 ft ²	11′ 4″	4′ 11″	15′ 4″	7′ 2″	17′	8"	16′ 10″	-	-	_
SI-16	3 ft ²	-	6′ 1″	-	-	5′ 5″	-	1′ 2″	-	-	-
SI-17	3 ft ²	-	6′ 1″	-	-	5′ 5″	-	1′ 2″	-	-	-
SI-18	108 ft²	-	15′ 2″	12′ 3″	-	-	-	22′ 1″	-	-	_





Facades (cont.)

		Trim		Corners		Roo	Roofline		Openings		
Facade	Area	Level Starter	Sloped	Vertical	Inside	Outside	Level Frieze Board	Sloped Frieze Board	Tops	Sills	Sides
SI-19	3 ft²	-	6′ 1″	-	-	5′ 5″	-	1′ 2″	-	-	-
SI-20	232 ft²	22' 9"	-	8′ 6″	-	7' 2"	-	25′ 7″	3′ 3″	3′ 3″	8′ 5″
Total*	1943 ft²	173′ 6″	68′ 8″	63′ 8″	7′ 2″	85′ 4″	106′ 6″	119′ 2″	48′ 8″	48′ 8″	96′ 2″

^{*}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.



Example Waste Factor Calculations

SIDING & TRIM ONLY

	Zero Waste	+10%	+18%
SI-1	35 ft²	39 ft²	41 ft²
SI-2	11 ft²	12 ft²	13 ft²
SI-3	3 ft²	3 ft ²	4 ft²
SI-4	12 ft²	13 ft²	14 ft²
SI-5	3 ft ²	3 ft ²	4 ft²
SI-6	11 ft²	12 ft²	13 ft²
SI-7	3 ft ²	3 ft ²	4 ft²
SI-8	11 ft²	12 ft²	13 ft²
SI-9	3 ft²	3 ft ²	4 ft²
SI-10	661 ft²	727 ft ²	780 ft²
SI-11	221 ft²	243 ft ²	261 ft ²
SI-12	233 ft ²	256 ft ²	275 ft²
SI-13	104 ft²	114 ft²	123 ft²
SI-14	3 ft ²	3 ft ²	4 ft²
SI-15	280 ft²	308 ft ²	330 ft ²
SI-16	3 ft²	3 ft²	4 ft²

+ OPENINGS < 20FT²

Zero Waste	+10%	+18%
35 ft²	39 ft²	41 ft²
22 ft²	24 ft ²	26 ft²
3 ft ²	3 ft²	4 ft²
23 ft²	25 ft²	27 ft²
3 ft ²	3 ft²	4 ft²
22 ft²	24 ft²	26 ft²
3 ft ²	3 ft²	4 ft²
22 ft²	24 ft²	26 ft²
3 ft ²	3 ft²	4 ft²
661 ft ²	727 ft²	780 ft²
249 ft²	274 ft²	294 ft²
281 ft²	309 ft²	332 ft ²
104 ft²	114 ft²	123 ft²
3 ft ²	3 ft ²	4 ft²
280 ft²	308 ft²	330 ft²
3 ft ²	3 ft²	4 ft²

+ OPENINGS < 33FT²

Zero Waste	+10%	+18%	
35 ft ²	39 ft²	41 ft²	
22 ft²	24 ft²	26 ft²	
3 ft ²	3 ft²	4 ft²	
23 ft ²	25 ft²	27 ft²	
3 ft ²	3 ft²	4 ft²	
22 ft²	24 ft²	26 ft²	
3 ft ²	3 ft²	4 ft²	
22 ft²	24 ft²	26 ft²	
3 ft ²	3 ft²	4 ft²	
661 ft²	727 ft²	780 ft²	
249 ft ²	274 ft²	294 ft²	
281 ft²	309 ft²	332 ft²	
104 ft²	114 ft²	123 ft²	
3 ft ²	3 ft²	4 ft²	
280 ft²	308 ft²	330 ft ²	
3 ft ²	3 ft²	4 ft²	





SIDING & TRIM ONLY (CONT.)

	Zero Waste	+10%	+18%
SI-17	3 ft ²	3 ft²	4 ft²
SI-18	108 ft²	119 ft²	127 ft²
SI-19	3 ft ²	3 ft²	4 ft²
SI-20	232 ft²	255 ft ²	274 ft²
UN-1	37 ft ²	41 ft²	44 ft²
UN-2	28 ft ²	31 ft²	33 ft²
UN-3	19 ft²	21 ft²	22 ft²
Trims	29 ft²	32 ft ²	34 ft ²
Total	2056 ft ²	2259 ft ²	2429 ft ²

+ OPENINGS < 20FT²

Zero Waste	+10%	+18%	
3 ft ²	3 ft²	4 ft²	
108 ft²	119 ft²	127 ft²	
3 ft²	3 ft²	4 ft²	
242 ft ²	266 ft ²	286 ft ²	
37 ft²	41 ft²	44 ft²	
28 ft²	31 ft²	33 ft²	
19 ft²	21 ft²	22 ft²	
77 ft²	85 ft²	91 ft²	
2234 ft ²	2455 ft ²	2640 ft ²	

+ OPENINGS < 33FT²

Zero Waste	+10%	+18%
3 ft ²	3 ft²	4 ft²
108 ft²	119 ft²	127 ft²
3 ft ²	3 ft²	4 ft²
242 ft²	266 ft²	286 ft²
37 ft²	41 ft²	44 ft²
28 ft²	31 ft²	33 ft ²
19 ft²	21 ft²	22 ft ²
77 ft²	85 ft²	91 ft²
2234 ft ²	2455 ft ²	2640 ft ²

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.



7 Iron Bolt Court, Catonsville, MD **OPENINGS**

Windows

Group	Group Width x Height	Group United Inches	Opening	Width x Height	United Inches	Area
WG-1	19" x 32"	51"	W-101	19" x 32"	51"	4 ft ²
WG-2	65" x 55"	120"	W-102	30" x 55"	85"	11 ft ²
			W-103	30" x 55"	85"	11 ft ²
WG-3	70" x 45"	115"	W-104	33" x 45"	78"	10 ft ²
			W-105	33" x 45"	78"	10 ft ²
WG-4	33" × 33"	67"	W-106	33" x 33"	67"	8 ft ²
WG-5	33" x 44"	78"	W-107	33" × 44"	78"	10 ft ²
WG-6	34" × 47"	81"	W-208	34" x 47"	81"	11 ft ²
WG-7	34" × 47"	81"	W-209	34" × 47"	81"	11 ft ²
WG-8	34" × 47"	81"	W-210	34" × 47"	81"	11 ft ²
WG-9	34" × 47"	81"	W-211	34" × 47"	81"	11 ft ²
WG-10	70" x 45"	115"	W-212	33" x 45"	78"	10 ft ²
			W-213	33" x 45"	78"	10 ft ²
WG-11	33" × 33"	67"	W-214	33" x 33"	67"	8 ft²
WG-12	70" x 45"	115"	W-215	33" x 45"	78"	10 ft ²
			W-216	33" x 45"	78"	10 ft ²
			Total	-	1223"	156 ft²





7 Iron Bolt Court, Catonsville, MD **OPENINGS**

Doors

Opening	Width x Height
D-1	96" x 84"
D-2	36" x 82"
SGD-1	72" x 80"

^{*}Door height and width have been snapped to standard

Entire Doors

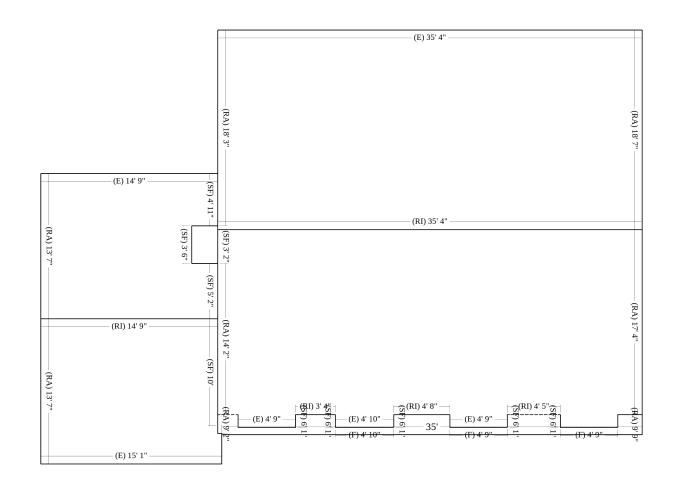
Opening	Width x Height	Area
D-1	98" x 91"	62 ft²
D-2	37" x 82"	21 ft ²
SGD-1	72" x 81"	40 ft²
Total	-	123 ft²

^{*}Total door square footage includes entire door package (e.g. with transoms, sidelites, etc.)



Roof	Length
Ridges (RI)	66′ 2″
Hips (H)	-
Valleys (V)	-
Rakes (RA)	126′ 9″
Eaves (E)	84′ 3″
Flashing (F)*	23′ 6″
Step Flashing (SF)*	77′ 5″
Transition Line (TL)	4"

^{*}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

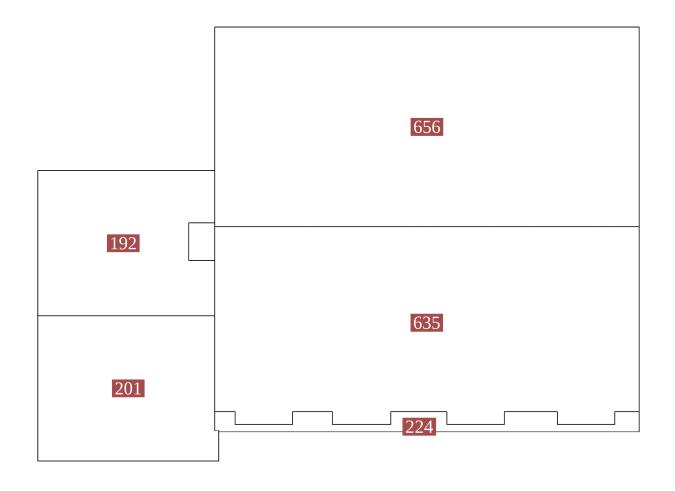
Facet	Area	Pitch
RF-1	201 ft ²	6/12
RF-2	224 ft²	69/12
RF-3	635 ft²	6/12
RF-4	192 ft²	6/12
RF-5	656 ft ²	6/12







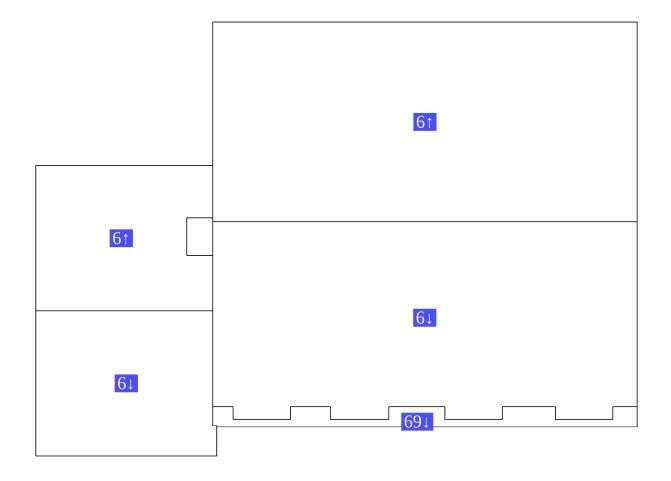
Roof	Facets	Total
Total	5	1908 ft²







Roof Pitch	Area	Percentage
6 / 12	1684 ft²	88.26%
69 / 12	224 ft ²	11.74%







































7 Iron Bolt Court, Catonsville, MD **PHOTOS**





PROPERTY ID: 10783869

BLANE SMITH 13 NOV 2023

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