

## **BUDGET ANALYSIS**

#### **Client Information:**

2nd Floor Dormer Bedroom - 216 SF

Address:

City, State, Zip:

Phone: Email:

#### **Project Description:**

In upper level front of house. Remove roof structure from closet to front main gable. Build new dormer with shed roof (approx 18' x 12') so that finished ceiling height matches existing ridge (approx. 6'-10") exterior wall of dormer will be slightly lower then ridge due to needed roof pitch. Install James Hardie fiber cement siding and aluminum soffit and fascia. Install new electrical for space and finish space with new double hung window on south elevation, match existing trim and new carpet in upper level. Remove half wall at stairs and install standard oak railing. Stair treads and risers to remain as is. Patch 1st floor for point loads. Wall and ceiling painting BY OWNER.

	Qty.	Unit	Image	Low E	Budget	High E	Budget
01. Permits and Design							
Permit.	1	l EA		\$	2,091.00	\$	2,509.20
Design and Planning Process- see Design and Planning Agreement for details.	1	l EA		\$	3,795.00	\$	3,795.0
Engineering allowance- more complex project review, redline, and stamp.  NOTE: If city requires site inspection of framing by structural engineer with a letter confirming the plan was executed to drawings an additional charge of \$300 - \$500 will be added via Change Order.	1	l EA		\$	1,845.00	\$	2,214.00
Locate and mark 2 property corners with new monuments- surveyor.  NOTE: This is required for all additions and will be charged along with the design fee.	1	l EA		\$	430.50	\$	516.6
ubtotal - Category 1				\$	8,161.50	\$	9,034.8
02. Site Prep and Demolition							
Client Responsibilities: -Remove personal items from work areas including food, appliances, furniture, and valuablesRemove valuables, art, and personal items from walking paths to restrooms and entry/exit and the other side of walls adjacent to work area.	1	l EA		\$	0.00	\$	0.00

Site Prep Large Project or Addition:	1 EA	\$ 2,195.21	\$ 2,634
-Tools/equipment delivery and set up of job site.			
-Place yard sign and order dumpster.			
-Floor protection to work area.			
-Poly curtain walls and zipper doors to work area.			
Demolition of work area:	216 SF	\$ 3,199.92	\$ 3,83
-Prep for 2nd floor addition.			
-Demo roof, sheathing, rafters, overhangs, soffit, fascia, gutters, subfloor.			
-Demo ceiling of rooms on main floor: xxxxx rooms.			
-See other lines for insulation removal or interior finish removal.			
Reminder- add drywall and painting for ceiling of 1st floor under those sections.			
Scaffolding- set up and take down for exterior work or addition.	1 EA	\$ 654.08	\$ 78
Tarps- Large 20' x 40' heavy duty green tarps in area where roof is being removed.	1 EA	\$ 2,504.16	\$ 3,00

NOTE: Client demolition:

- -If client demo work is not completed by construction start date Castle will complete demo at additional charge.
- -If Castle does site prep, but client does demo, Castle is not liable for damage done by client.

NOTE: Although care is taken to carefully complete demolition, screw pops, hairline cracks, and other issues can occasionally arise in adjacent spaces. No costs are included in this estimate to patch drywall or plaster or repaint walls in adjacent spaces, but the need could arise. We also use the most expensive and sensitive tape when taping prep to the floor, walls, or trim. If it is a bad or old finish, there is a small chance that it may peel off some of the existing finish. Any additional repairs will be an extra charge and dealt with via Change Order.

ıbtotal - Category 2			8,553.37	\$ 10,264.0
3. Landscaping and Fence				
Any/all landscaping work to be done by others after the conclusion of the project. No landscapi in this project.	ng work included			
Subtotal - Category 3		\$	-	\$ -
04. Concrete and Foundation				
Pier Footing- 12" X 42" with 18" bell.	1 EA	\$	481.89	\$ 578.2
ubtotal - Category 4		\$	481.89	\$ 578.2
5. Masonry				
subtotal - Category 5		\$	-	\$ -
06. Framing				
If Needed - Forklift- rental of 4x4 forklift (Lull) for 2 weeks for 2nd floor projects. <i>Add</i> \$7,592	0 EA	\$	0.00	\$ 0.0
<b>If Needed - Crane rental</b> of overhead crane for half day to lift ridge beam for 2nd floor projects. <i>Add</i> \$1,215	0 EA	\$	0.00	\$ 0.0
Exterior wall framing. Includes 1/2" OSB sheathing.	37 LF	\$	2,464.26	\$ 2,957.1
Addition floor framing OR flat roof framing.  Includes 3/4" tongue and groove plywood subfloor.  NOTE: Open web trusses are included for this line item. See column O and adjust wording and price to what you need/remove this bolded wording.	110 SF	\$	1,786.09	\$ 2,143.3
Interior walls.	15 LF	\$	445.84	\$ 535.0
Shed dormer roof- stick framed. 1/2" OSB, "H" clips @ 24" O.C.	216 SF	\$	5,699.67	\$ 6,839.6
Soffits/fascia/overhangs - 1st floor.  NOTE: add additional costs for complicated or 2nd/3rd stories.	22 LF	\$	3,638.82	\$ 4,366.
Ridge Beam- 1 3/4" X 11 7/8" LVL.  NOTE: add wall framing or post footing for support below- not included on this line.	22 LF	\$	3,419.14	\$ 4,102.5
Support Posts Basement: -Frame posts with treated 6x6's (up to 8' height), as per building code. Includes all needed mechanical fasteners (bases, anchors, caps, etc.)	2 EA	\$	537.84	\$ 645.4
Subtotal - Category 6		\$	17,991.66	\$ 21,589.9
9. Roofing, Flashing, Gutters				
Flat rubber membrane EPDM .60 mil roof.  Note details once designed: build up of edge, tapered foam, scuppers, parapets, open faced gutter, downspouts, etc. and associated colors.	266 SF	\$	6,366.92	\$ 7,640
Gutters and Downspouts with 6' extenders- standard 5" and 3x4 downspouts.	55 LF	\$	845.63	\$ 1,014.

Subtotal - Category 9		\$	7,212.55	\$	8,655.06
10. Exterior Trim, Porches and Decks					
EXTERIOR TRIM:	0 EA	\$	-	\$	-
Trim-SPF 2" standard paint grade:	60 LF	\$	752.72	\$	903.27
Width:					
ubtotal - Category 10		\$	752.72	\$	903.2
1. Siding, Soffit, and Fascia	244 CF	Φ.	202.01	Φ.	470.6
House wrap- 1 layer Tyvek.	244 SF	\$	393.91	\$	472.69
Siding- Hardie fiber cement board lap:	244 SF	\$	7,503.00	\$	9,003.60
Color: Lap size:					
Texture:					
Corner boards width, texture and color:					
Window and door trim width, texture and color: Soffits and Fascia - Aluminum:	52 LF	\$	1,410.32	\$	1,692.3
Color:	32 LF	φ	1,410.32	φ	1,092.3
Smooth or texture:					
Vented or non-vented:					
Subtotal - Category 11		\$	9,307.23	\$	11,168.6
2. Exterior Doors and Trim					
ubtotal - Category 12		\$	-	\$	-
3. Windows					
Full frame fiberglass window:	3 EA	\$	4,221.43	\$	5,065.71
\$840 allowance Manufacturer: Marvin					
Line: Elevate					
Operation type, size, jamb, tempering, egress notes: see plan/schedule					
Exterior color:					
Interior color: Glass: clear Low E2 w/ Argon is standard- modify if something else desired					
Grids (type, size, pattern, color):					
Weather strip color:					
Hardware type/color: WOCD: Y or N (and specify color, if diff. from hardware)					
Screen surround material/color:					
Screen color:					
Exterior Brickmould profile/material/color/size: if comes with window, if not specify under					
section 10 *for budget analysis add separate line item*	2.54		276.75		222.1
Window Operating Control Device (WOCD)(per window):  Manufacturer:	3 EA	\$	276.75	\$	332.1
Color:					
Note: Reference MN residential building code R312.2: Window fall protection. Needed when the	•				
lowest part of the window opening is located 72" or more above grade and within 36" of the					
finished floor. Exceptions: window replacements.			1 100 10		# 20# O
Subtotal - Category 13		\$	4,498.18	\$	5,397.8
L4. Plumbing Subtotal - Category 14		\$	0.00	\$	0.0
		3	0.00	3	0.0
L5. HVAC Subtotal - Category 15		\$		\$	
L6. Electrical		-		4	
NOTE: Entire home must meet code requirements for smoke and CO detectors. All detectors functional and placed per code. Code requires each floor to have one smoke detector. In addit needs a smoke detector. There must also be a carbon monoxide detector within 10 feet of each of the home does not meet the above code, Client will be responsible to update it or if Client perform updates and a change order will be issued.	ion, any bedroom bedroom. If the rest	\$	0.00	\$	0.0
NOTE: No wiring for security, doorbell, TV, speakers or phone is included in pricing. If any are found in a wall being opened up, additional costs to re-route them will occur.	low voltage wires	S	0.00	S	0.0
Electrical Permit.	1 EA	\$	227.55	\$	273.0
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Device color: White, light almond, or ivory are standard	1 EA	\$	0.00	e	0.00
Switch style: Pole or Decora	1 EA	Φ	0.00	Ф	0.00
Outlet style: Decora or Standard					
Sconce- CBR furnish and elec install:	1 EA	\$	424.35	\$	509.22
\$200 allowance	1 12/1	Ψ	424.33	Ψ	307.22
Manufacturer:					
Model:					
Finish:					
Bulb:					
<u>Light fixture</u> - CBR furnish and elec install:	2 EA	\$	669.12	\$	802.94
\$150 allowance					
Manufacturer: Model:					
Finish:					
Bulb:					
NOTE: For all home client provided fixtures, there may be additional install costs	s for mara complicated firtures	·	0.00	8	0.00
ALL light fixtures must be specified prior to contract signing and be UL listed to p					0.00
issues related to materials supplied by client are the responsibility of the client to re	=				
charges may apply for return visits if material issues can not be resolved in timely	manner.				
Electrical baseboard heat w. wall thermostat:	11 LF	\$	2,300.10	\$	2,760.12
<b>NOTE:</b> comes in 2', 4', 6', and 8' sections; 1LF of baseboard heats 20 Sq. Ft. of Space per every 12LF.	e; 1 circuit				
	216 SF	¢	2,789.64	¢.	2 247 57
Addition wiring.		\$	ŕ	\$	3,347.57
Electrical panel- 200 Amp, 30 circuit.	0 EA	\$	0.00	\$	0.00
May be eligible for IRA tax credit	0.774		0.00		
If Needed: Sub-panel. Add \$1,065	0 EA	\$	0.00	\$	0.00
Subtotal - Category 16		\$	6,410.76	\$	7,692.91
17. Insulation					
NOTE: Constant and the second of the second		S	0.00	S	0.00
NOTE: if insulation is replacing vermiculite insulation, part of the replacement co reimbursement via the zonolite attic insulation trust. In that case, client can subco					
for project manager to coordinate scheduling/misc. with client only.	miraci work airecuy. This cost is				
	350 SF	¢	585.48	\$	702.58
Wall insulation - R-19 Insulation batts with poly.	330 31	\$		Ф	702.38
<u>Flat roofs</u> - 7" closed cell spray foam insulation.	216 SF	\$	4,266.82	\$	5,120.18
<b>NOTE:</b> spray foam insulation requires people and pets to vacate the home for 24 hou	ars while the				
insulation is curing.					
Rim joists- 3" spray foam insulation.	30 LF	\$	270.85	\$	325.02
<b>NOTE:</b> spray foam insulation requires people and pets to vacate the home for 24 hou	ars while the				
insulation is curing.					
Subtotal - Category 17		\$	5,123.15	\$	6,147.78
18. Drywall					
Ceilings- 1/2" or 5/8" drywall with smooth finish.	400 SF	\$	2,337.00	\$	2,804.40
Walls- 1/2" drywall with smooth finish.	600 SF	\$	3,321.00	\$	3,985.20
					-
Drywall or plaster patch.	4 EA	\$	1,476.00	\$	1,771.20
Boom/cartage fee - all projects.	1 EA	\$	325.95	\$	391.14
Subtotal - Category 18		0	7,459.95	0	0.051.04
		\$	7,459.95	\$	8,951.94
19. Tile and Stone					
Subtotal - Category 19		\$	-	\$	-
20. Millwork, Doors, Hardware					
Bi-pass door:	1 EA	\$	1,059.81	\$	1,271.78
Manufacturer:					
Model:					
Species: Style:					
Jamb: wood w stop or sheetrock opening					
Core: solid or hollow					
Finish hinge:					
Bore: single or none					
<b>NOTE:</b> 2 door slabs are included on this line.		I			I

Jamb:	20 LF	\$	448.14	\$	537.77
Species:					
Size:					
Location: NOTE: The casing for the opening is on the casing line.					
	100 LE		1 106 21	•	1 400 55
Casing- moderate 1 piece:  Manufacturer:	100 LF	\$	1,186.31	\$	1,423.57
Model:					
Species:					
Size:					
Picture framed: Y or N					
Stool detail (thickness/extension) and apron detail (height, profile #): or NA					
Location:					
Base molding - moderate 1 piece shorter base:	100 LF	\$	1,186.31	\$	1,423.57
Manufacturer:					
Model: Species:					
Size:					
Location:					
Base shoe molding:	100 LF	\$	667.34	\$	800.80
Manufacturer:					
Model:					
Species:					
Size:					
Location:	1 EA	\$	211.77	\$	254.13
Newel post: Manufacturer:	1 EA	Ф	211.//	Ф	234.13
Model:					
Species:					
Height:					
Railing- includes top rail, bottom rail, and spindles 4.5" o.c.:	15 LF	\$	2,311.97	\$	2,774.36
Manufacturer:	10 21	Ψ	2,511.57	Ψ	2,7750
Species:					
Model/type- top rail:					
Model.type- bottom rail:					
Model- spindle (balustrades):					
Model fillet: or NA					
Details- additional:	16 LF	¢	359.19	\$	431.03
Handrail- basic gripable handrail with mounting hardware:  Manufacturer:	10 LF	\$	339.19	Ф	431.03
Model:					
Species:					
Model hardware:					
Finish hardware:					
Closet rod and shelf:	5 LF	\$	238.79	\$	286.55
Manufacturer:					
Material/model rod:					
Material/model shelf:					
Color rod:					
Color shelf:					
Brackets shelf: Mounting hardware for rod:					
Location:					
al - Category 20		\$	7,669.63	\$	9,203.55
abinetry, Countertops and Appliances			,		<u> </u>
al - Category 21		\$	0.00	\$	0.00
pecialties		<u> </u>	0.00	•	0.00
al - Category 22		\$	-	\$	_
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coring	260 GE	¢.	2 425 40	e.	2.022.40
Carpet and pad: \$4.50 allowance	360 SF	\$	2,435.40	\$	2,922.48
Manufacturer:					
Line/series:					
Color:					
Pad:					
Carpet on stairs- per set of tread/riser. Assumes full width of stairs, not a runner.	14 EA	\$	475.27	\$	570.33
-					

A	\$	510.56		
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	1	510.56	\$	612.6
F	\$	3,063.35	\$	3,676.0
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A	\$	239.90	\$	287.
	EA		\$ 482.09	\$ 482.09 \$

NOTE: Our standard is low VOC for walls and ceilings. If client or designer prefers NO VOC for walls and or ceiling paint and primers, specify so during design.

Our standard is low VOC for woodwork, although may not be able to use low VOC primer due to existing stain/wood condition-tbd. Will use low VOC primer when able.

NOTE: Please note that when the client is doing the painting, they are responsible for caulking, filling nail holes, and repairing minor wall and ceiling dings. There will need to be a few rounds of touch-ups, due to the nature of construction, and that falls under the scope of the painter.

otal - Category 24		\$ 4,295.90	\$	5,155.0
Clean Up and Debris Removal				
Disposal and clean-up:	1 EA	\$ 741.86	\$	890.2
-Remove all site prep, wipe down and broom sweep area.				
-Haul all extra material off site.				
NOTE: This doesn't include professional cleaning. Deep clean available at additional cost	st to be			
handled on a change order at end of project.				
Street permit:	4 MO	\$ 639.60	\$	767.
-Minneapolis street use permit for dumpster or unit temp storage.				
<b>NOTE:</b> If dumpster can be placed on driveway or lawn this can cost can be saved.				
NOTE: If the dumpster is placed on the street, and the city calls a snow emergency or be an additional ~\$200 charge per move or violation via a change order. Sometimes it will just set fined. The charge is the same either way.	_	\$ 0.00	S	
be an additional ~\$200 charge per move or violation via a change order. Sometimes it it will just get fined. The charge is the same either way.  20 Yard roll-off dumpster:	_	\$ 1,193.49	\$	1,432
be an additional ~\$200 charge per move or violation via a change order. Sometimes it it will just get fined. The charge is the same either way.  20 Yard roll-off dumpster: -10 ton maximum.	will get moved, sometimes	\$ 1,193.49	\$	1,432
be an additional ~\$200 charge per move or violation via a change order. Sometimes it it will just get fined. The charge is the same either way.  20 Yard roll-off dumpster:	will get moved, sometimes	\$ 1,193.49	\$	1,432

NOTE: for 30 days only. See line below for additional months.			
Additional months dumpster is needed.	2 MO	\$ 184.50	\$ 221.40
Portable restroom:	4 MO	\$ 1,222.13	\$ 1,466.55
-Regular.			
NOTE: This cost can be saved if Client is ok with making a bathroom in the house available to	to		
Castle and our trade partners.			

Subtotal - Category 25	\$ 3,981.58	\$	4,777.90
Project Subtotal	\$ 94,810.72	\$	113,013.87
26. Designer Oversight & Project Management	\$ 9,457.37	\$	11,348.84
27. Overhead and Profit	\$ 14,861.58	\$	17,833.90
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#### MN License # BC005657

\*\*Important Notice\*\*

\*\*This is only a ballpark guesstimate. This does not represent actual prices, only a

**Grand Total\*\*** 

142,955.61

119,129.67

best guess based on Castle's past experiences. There are still many unknowns that can affect pricing at this point.						
Check or Cash Discount Low 2.5%*		Check or Cash Discount High 2.5%*	\$ 3,573.89		\$ 116,151.43	\$ 139,381.72

<sup>\*</sup>Doesn't Apply to Bank Financing or loan process that requires Castle to receive payment directly from that entity after Castle has paid subcontractors and secured lien waivers. In these instances Castle essentially acts as the financier for the project and incurs borrowing costs. Exceptions include banks willing to follow Castle payment structure.

### **Custom Design Studio Locations**



362 Snelling Ave S. St. Paul, MN 55105 P) 651-699-4164



5 W. Diamond Lake Rd Minneapolis, MN 55419 P) 612-789-8509



2600 Johnson St. NE Minneapolis, MN 55418 P) 612-789-8509



6480 Wayzata Blvd. Golden Valley, MN 55426 P) 763-333-0750

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