

ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL ITEM COST	TRADE COST
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**Estimate of Materials and Cost of Construction**



Date: --/--/----  
 Project: -----  
 Project Location: -----

	Amount
TOTAL	\$ 68,135.57
OVERHEAD AND PROFIT	\$ 13,627.11
TOTAL BASE	\$ 81,762.69

**Summary**

													TRADE COST
DIV-01	GENERAL												\$ -
DIV-02	SELECTIVE REMOVALS AND DEMOLITIONS												\$ 12,112
DIV-03	CONCRETE												\$ 5,299
DIV-04	UNIT MASONRY												\$ -
DIV-05	METALS												\$ -
DIV-06	WOOD, PLASTICS & COMPOSITES												\$ 9,686
DIV-07	THERMAL AND MOISTURE PROTECTION												\$ -
DIV-08	OPENINGS												\$ -
DIV-09	FINISHES												\$ 12,581
DIV-10	SPECIALTIES												\$ -
DIV-11	EQUIPMENTS												\$ -
DIV-12	FURNISHINGS												\$ -
DIV-13	SPECIAL CONSTRUCTION												\$ -
DIV-14	CONVEYING EQUIPMENT												\$ -
DIV-21	FIRE SUPPRESSION												\$ -
DIV-22	PLUMBING												\$ 1,200
DIV-23	(HVAC) HEATING VENTILATING & AIR CONDITIONING												\$ 6,210
DIV-26	ELECTRICAL												\$ 20,090
DIV-31	EARTHWORK												\$ 57
DIV-32	EXTERIOR IMPROVEMENTS												\$ 900
DIV-33	UTILITIES												\$ -
												\$ 68,135.57	
INSURANCE 0%												\$ -	
OVERHEAD AND PROFIT 20%												\$ 13,627.11	
TOTAL BASE BID												\$ 81,762.69	

**Detailed Estimate**

ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL ITEM COST	TRADE COST
			DIV-01	GENERAL										\$ -
				Notes in this color indicate meeting notes with Nathan and Louis via phone on 8/16										
				Notes in this color indicate Scope Revisions/clarifications										
1				Permit Excluded, By owner	1	0%	1	LS			\$ -	\$ -	\$ -	
2				Supervision Included with OH/Profit, including Inspections	1	0%	1	LS			\$ -	\$ -	\$ -	
3				Final Cleanup Confirm included with below	1	0%	1	LS			\$ -	\$ -	\$ -	
4				Mobilization Cost Confirm included with below	1	0%	1	LS			\$ -	\$ -	\$ -	
5				Project Overheads GR's dumpster, porta potty, site fence, By Owner	1	0%	1	LS			\$ -	\$ -	\$ -	
6				Bonds Confirm included with below	1	0%	1	LS			\$ -	\$ -	\$ -	
7				Fees (Architect & Engineer) Excluded	1	0%	1	LS			\$ -	\$ -	\$ -	
8				Temporary Control & Facilities Required? Confirm included with below	1	0%	1	LS			\$ -	\$ -	\$ -	
9				Scaffolding Required? Confirm included with below	1	0%	1	LS			\$ -	\$ -	\$ -	
				Insurance: Confirm all required licenses and insurance are current, provided, and included for all agreed upon scopes of work.										
			DIV-02	SELECTIVE REMOVALS AND DEMOLITIONS										\$ 12,112
				Site Demolition										
10				Demolish Concrete Driveway	148	0%	148	SF	\$ 3.00		\$ -	\$ 445	\$ 445	
11				Demolish Concrete Walkway	39	0%	39	SF	\$ 3.00		\$ -	\$ 118	\$ 118	
				Interior Demolition										
12				Demolish Plumbing Fixture	1	0%	1	EA	\$ 75.00		\$ -	\$ 75	\$ 75	
13				Demolish Upper & Lower Cabinets	18	0%	18	LF	\$ 10.00		\$ -	\$ 184	\$ 184	
14				Demolish Countertop	27	0%	27	SF	\$ 10.00		\$ -	\$ 268	\$ 268	
15				Demolish Non-Bearing Walls - Patch & Repair To Match Adjacent Surface - As Required For New Configuration	10	0%	10	LF	\$ 5.00		\$ -	\$ 51	\$ 51	
16				Demolish Water Heater	1	0%	1	EA	\$ 20.00		\$ -	\$ 20	\$ 20	
17				Remove & Salvage (E) Flooring W/ Wall Base Materials - OR Protect In Place	153	0%	153	SF	\$ 3.00		\$ -	\$ 458	\$ 458	
				Exterior Demolition										
18				Demolish Overhead Door, Guide Rails & Door Operator	2	0%	2	EA	\$ 70.00		\$ -	\$ 140	\$ 140	
19				Demolish Door	2	0%	2	EA	\$ 70.00		\$ -	\$ 140	\$ 140	

21			Demolish Windows Prepare Opening For New Windows	1	0%	1	EA		\$ 80.00	\$ -	\$ 80	\$ 80
21			Demolish Stucco, Lath & Paper	1460	0%	1,460	SF		\$ 3.00	\$ -	\$ 4,380	\$ 4,380
			<b>ADU Demolition</b>									
22			Demolish Stud/ Plywood Partition - Provide Temporary Shoring For Any Members Support	19	0%	19	LF		\$ 5.00	\$ -	\$ 94	\$ 94
23			Demolish Wood Post W/ Hardware - Provide Temporary Shoring For Any Members Support	2	0%	2	EA		\$ 30.00	\$ -	\$ 60	\$ 60
24			Demolish Beam W/ Hardware - Provide Temporary Shoring For Any Members Support	18	0%	18	LF		\$ 5.00	\$ -	\$ 91	\$ 91
25			Demolish One Side Only & Preserve Finish Opposite Side - Prepare (E) Studs & Cavity For New Work	29	0%	29	LF		\$ 5.00	\$ -	\$ 146	\$ 146
26			Demolish Electrical Infrastructure, Fixture & Equipment	571	0%	571	SF		\$ 3.00	\$ -	\$ 1,712	\$ 1,712
27			Demolish Plumbing Infrastructure, Fixture & Equipment	571	0%	571	SF		\$ 3.00	\$ -	\$ 1,712	\$ 1,712
28			Demolish Concrete Slab <b>- As Required</b>	66	0%	66	SF		\$ 3.00	\$ -	\$ 198	\$ 198
29			Contractor Shall Shore All Existing Roof Structure - As New Load Bearing Elements In Area	571	0%	571	SF		\$ 3.00	\$ -	\$ 1,712	\$ 1,712
			<b>Roof Demolish</b>									
30			Contractor Shall Patch & Repair W/ Identical Materials - Sheathing - Underlayment - Asphalt Shingles <b>- As Required</b>	10	0%	10	SF	\$ 1.80	\$ 1.20	\$ 18	\$ 12	\$ 30
		DIV-03	<b>CONCRETE</b>									\$ 5,299
			<b>Concrete Grade Footing @ Interior Side</b>									
31			(12"x24") Concrete Grade Footing	2.6	10%	2.8	CY	\$ 300.00	\$ 100.00	\$ 855	\$ 285	\$ 1,140
			<b>Thicken Edge</b>									
			(12"x8") Concrete Thicken Edge	0.9	10%	0.9	CY	\$ 300.00	\$ 100.00	\$ 282	\$ 94	\$ 376
			<b>Rebar</b>									
32			#4 Bar @ 16" O.C.	123	10%	135	LBS	\$ 3.00	\$ 2.00	\$ 406	\$ 271	\$ 677
			<b>Epoxy</b>									
33			Simp. Epoxy SET-3G ESR-LARR # 4057	184	10%	203	LF	\$ 1.80	\$ 1.20	\$ 365	\$ 243	\$ 608
			<b>Drills</b>									
34			Drills 5/8" Dia. Hole, Clean	35	10%	38	LF	\$ 3.00	\$ 2.00	\$ 115	\$ 76	\$ 191
			<b>Concrete Grade Footing @ Exterior Side</b>									
35			(12"x24") Concrete Grade Footing	2.3	10%	2.5	CY	\$ 300.00	\$ 100.00	\$ 743	\$ 248	\$ 990
			<b>Thicken Edge</b>									
			(12"x8") Concrete Thicken Edge	0.7	10%	0.8	CY	\$ 300.00	\$ 100.00	\$ 242	\$ 81	\$ 323
			<b>Rebar</b>									
36			#4 Dowel Bar @ 24" O.C.	36	10%	39	LBS	\$ 3.00	\$ 2.00	\$ 118	\$ 78	\$ 196
			<b>Epoxy</b>									
37			Simp. Epoxy SET-3G ESR-LARR # 4057	184	10%	203	LF	\$ 1.80	\$ 1.20	\$ 365	\$ 243	\$ 608
			<b>Drills</b>									
38			Drills 5/8" Dia. Hole, Clean	35	10%	38	LF	\$ 3.00	\$ 2.00	\$ 115	\$ 76	\$ 191
			<b>Waterproofing</b>									
39			Self- Leveling Cementitious Coating Over - "Redgard Waterproofing Membrane" (ICC ES-R1413)	570	10%	627	SF	\$ 1.20	\$ 0.80	\$ 752	\$ 502	\$ 1,254
		DIV-06	<b>WOOD, PLASTICS &amp; COMPOSITES</b>									\$ 9,686
			<b>Post</b>									
40			4x4 PST Wood Post (14 EA)	154	10%	169	LF	\$ 2.50	\$ 1.50	\$ 424	\$ 254	\$ 678
			<b>Holddown</b>									
41			HDU2	12	0%	12	EA	\$ 30.00	\$ 20.00	\$ 360	\$ 240	\$ 600
42			HDU4	2	0%	2	EA	\$ 30.00	\$ 20.00	\$ 60	\$ 40	\$ 100
			<b>Shearwall</b>									
43			AB24: 15/32" Struct. 1 (PI 32/16) 5-PLY	383	10%	422	SF	\$ 3.00	\$ 2.00	\$ 1,265	\$ 843	\$ 2,109
44			AB20: 15/32" Struct. 1 (PI 32/16) 5-PLY	145	10%	159	SF	\$ 3.00	\$ 2.00	\$ 478	\$ 318	\$ 796
45			AB16: 15/32" Struct. 1 (PI 32/16) 5-PLY	111	10%	122	SF	\$ 3.00	\$ 2.00	\$ 365	\$ 243	\$ 608
			<b>Header</b>									
46			4x4 Wood Header	8	10%	9	LF	\$ 2.50	\$ 1.50	\$ 23	\$ 14	\$ 37
47			4x6 Wood Header	20	10%	22	LF	\$ 3.50	\$ 2.50	\$ 78	\$ 56	\$ 133
48			4x8 Wood Header	7	10%	7	LF	\$ 5.00	\$ 3.00	\$ 36	\$ 22	\$ 57
49			4x10 Wood Header	13	10%	14	LF	\$ 6.00	\$ 4.00	\$ 86	\$ 58	\$ 144
			<b>Ceiling Framing</b>									
50			2x12 Ceiling Joist @ 12" O.C. (560 SF)	561	10%	617	LF	\$ 3.50	\$ 2.50	\$ 2,159	\$ 1,542	\$ 3,702
			<b>Bracing</b>									
51			2x12 Bracing Along Ceiling Joists <b>- As Per Your Plan</b>	90	10%	99	LF	\$ 3.50	\$ 2.50	\$ 347	\$ 248	\$ 594
52			2x Blocking <b>- As Per Your Plan</b>	58	10%	64	LF	\$ 1.10	\$ 0.90	\$ 70	\$ 57	\$ 128
		DIV-09	<b>FINISHES</b>									\$ 12,581
			<b>Exterior Paint</b>									
53			Paint @ Exterior	1458	10%	1,604	SF	\$ 0.80	\$ 0.70	\$ 1,283	\$ 1,123	\$ 2,406
			<b>Walls</b>									
			<b>Wall Type I1 As:</b>									
54			5/8" UL TYPE SCX Gypsum Board (2 Layers) <b>- (Layer Multiply Already)</b>	756	10%	832	SF	\$ 1.20	\$ 0.80	\$ 998	\$ 665	\$ 1,664
55			5/8" UL TYPE SCX Gypsum Board	378	10%	416	SF	\$ 1.20	\$ 0.80	\$ 499	\$ 333	\$ 832
56			1/2" 25 GA. Resilient Channels @ 24" O.C.	189	10%	208	LF	\$ 1.20	\$ 0.80	\$ 250	\$ 166	\$ 416
57			2x4 Wood Stud @ 16" O.C.	284	10%	313	LF	\$ 1.10	\$ 0.90	\$ 344	\$ 281	\$ 625

58			3-1/2" Fiberglass Insulation	378	10%	416	SF	\$	0.90	\$	0.60	\$	374	\$	250	\$	624
59			2x4 Top & Bottom Plates	119	10%	131	LF	\$	1.10	\$	0.90	\$	144	\$	118	\$	263
60			Fire Caulking Sealant	159	10%	175	LF	\$	1.10	\$	0.90	\$	193	\$	158	\$	350
			<b>Wall Type I2 As:</b>														
61			5/8" Gypsum Board	930	10%	1,023	SF	\$	1.20	\$	0.80	\$	1,227	\$	818	\$	2,046
62			2x4 Wood Stud @ 16" O.C.	350	10%	385	LF	\$	1.10	\$	0.90	\$	423	\$	346	\$	769
63			2x4 Top & Bottom Plates	164	10%	181	LF	\$	1.10	\$	0.90	\$	199	\$	162	\$	361
64			Sealant	219	10%	241	LF	\$	1.10	\$	0.90	\$	265	\$	217	\$	481
			<b>Wall Type I3 As:</b>														
65			5/8" Gypsum Board	56	10%	62	SF	\$	1.20	\$	0.80	\$	74	\$	49	\$	123
66			2x6 Wood Stud @ 16" O.C.	21	10%	23	LF	\$	1.80	\$	1.20	\$	42	\$	28	\$	70
67			2x6 Top & Bottom Plates	10	10%	11	LF	\$	1.80	\$	1.20	\$	20	\$	13	\$	33
68			Sealant	13	10%	15	LF	\$	1.10	\$	0.90	\$	16	\$	13	\$	29
			<b>Wall Type E2 As:</b>														
69			5/8" Gypsum Board	564	10%	620	SF	\$	1.20	\$	0.80	\$	744	\$	496	\$	1,241
70			Sealant	113	10%	124	LF	\$	1.10	\$	0.90	\$	136	\$	112	\$	248
		DIV-22	PLUMBING														\$ 1,200
			<b>Plumbing Fixture</b>														
71			Water Closet - By Owner	1	0%	1	EA	\$	-	\$	300.00	\$	-	\$	300	\$	300
72			Lavatory - By Owner	1	0%	1	EA	\$	-	\$	300.00	\$	-	\$	300	\$	300
73			Double Sink - By Owner	2	0%	2	EA	\$	-	\$	300.00	\$	-	\$	600	\$	600
			<b>Allowance</b>														
74			Pipe, Pipe Insulation & Fitting Allowance (682 SF)	1	0%	1	LS					\$	-	\$	-	\$	-
		DIV-23	(HVAC) HEATING VENTILATING & AIR CONDITIONING														\$ 6,210
			<b>Mechanical Equipment's</b>														
75			Exhaust Fan	1	0%	1	EA	\$	230.00	\$	120.00	\$	230	\$	120	\$	350
76			Heat Pump Indoor Unit	1	0%	1	EA	\$	700.00	\$	300.00	\$	700	\$	300	\$	1,000
77			Heat Pump Exterior Unit	1	0%	1	EA	\$	700.00	\$	300.00	\$	700	\$	300	\$	1,000
78			Air Distribution System	1	0%	1	EA	\$	2,000.00	\$	500.00	\$	2,000	\$	500	\$	2,500
			<b>Roof Vent</b>														
79			Attic Roof Dryer Venting	2	0%	2	EA	\$	230.00	\$	120.00	\$	460	\$	240	\$	700
			<b>Ducts</b>														
80			Heat/Cool Duct For Mini-Split W/ R-6 Insulation - Assumed, On your Demands	20	10%	22	LF	\$	20.00	\$	10.00	\$	440	\$	220	\$	660
			<b>Allowance</b>														
81			Duct, Duct Insulation & Fitting Allowance (682 SF)	1	0%	1	LS					\$	-	\$	-	\$	-
		DIV-26	ELECTRICAL														\$ 20,090
			<b>Power Fixture</b>														
82			110 V Duplex Receptacle	9	0%	9	EA	\$	120.00	\$	80.00	\$	1,080	\$	720	\$	1,800
83			110 V Duplex Receptacle AFCI	12	0%	12	EA	\$	120.00	\$	80.00	\$	1,440	\$	960	\$	2,400
84			110 V Duplex Receptacle GFCI	11	0%	11	EA	\$	120.00	\$	80.00	\$	1,320	\$	880	\$	2,200
85			120 V Duplex Receptacle W.P.	1	0%	1	EA	\$	120.00	\$	80.00	\$	120	\$	80	\$	200
86			CATS Wired Jack W/ Coaxial Jack	1	0%	1	EA	\$	120.00	\$	80.00	\$	120	\$	80	\$	200
87			Main 150 Amp. Breaker	1	0%	1	EA	\$	300.00	\$	100.00	\$	300	\$	100	\$	400
88			Occupancy Sensor	1	0%	1	EA	\$	150.00	\$	100.00	\$	150	\$	100	\$	250
89			Overcurrent Protection Device	1	0%	1	EA	\$	300.00	\$	100.00	\$	300	\$	100	\$	400
90			SD/CM	2	0%	2	EA	\$	150.00	\$	100.00	\$	300	\$	200	\$	500
91			Single Pole Switch	12	0%	12	EA	\$	60.00	\$	30.00	\$	720	\$	360	\$	1,080
92			SN	1	0%	1	EA	\$	150.00	\$	100.00	\$	150	\$	100	\$	250
			<b>Light Fixture</b>														
93			Recessed Led Light	20	0%	20	EA	\$	230.00	\$	120.00	\$	4,600	\$	2,400	\$	7,000
94			Pendent Light Fixture	2	0%	2	EA	\$	230.00	\$	120.00	\$	460	\$	240	\$	700
95			Wall Mounted Vanity Fixture W/ Led Luminaire	1	0%	1	EA	\$	230.00	\$	120.00	\$	230	\$	120	\$	350
96			Ceiling Led Light	1	0%	1	EA	\$	230.00	\$	120.00	\$	230	\$	120	\$	350
97			Exterior-Rated Wall Sconce W/ Led Luminaire Light	5	0%	5	EA	\$	230.00	\$	120.00	\$	1,150	\$	600	\$	1,750
98			Under Cabinet Lighting, Low Profile Led Strip	9	10%	10	LF	\$	15.00	\$	10.00	\$	156	\$	104	\$	260
			<b>Allowance</b>														
99			Wiring & Conduits Allowance (682 SF)	1	0%	1	LS					\$	-	\$	-	\$	-
		DIV-31	EARTHWORK														\$ 57
			<b>Excavation</b>														
100			Cut	8	20%	9	CY			\$	5.00	\$	-	\$	45	\$	45
101			Backfill	2	20%	2	CY			\$	5.00	\$	-	\$	12	\$	12
		DIV-32	EXTERIOR IMPROVEMENTS														\$ 900
			<b>Sitework</b>														
102			Water Meter	1	0%	1	EA	\$	600.00	\$	300.00	\$	600	\$	300	\$	900
			<b>SUB TOTAL</b>														\$ 69,390 \$ 68,136
			<b>INSURANCE</b>						0%								\$ - \$ -
			<b>OVERHEAD AND PROFIT</b>						20%								\$ 13,878 \$ 13,627
			<b>TOTAL BASE BID</b>														\$ 83,267 \$ 81,763