

Estimate of Materials and Cost of Construction														
Date:										Amount		ABLE Estimating ABILITY - ACCURACY - ON TIME		
Project:		Residential Building Project Takeoff				TOTAL		\$ -						
Project Location:						OVERHEAD AND PROFIT		20%						
						TOTAL BASE BID		\$ -						
Summary														
														TRADE COST
				DIV-01	GENERAL									\$ -
				DIV-02	SELECTIVE REMOVALS AND DEMOLITIONS									\$ -
				DIV-03	CONCRETE									\$ -
				DIV-04	UNIT MASONRY									\$ -
				DIV-05	METALS									\$ -
				DIV-06	WOOD, PLASTICS & COMPOSITES									\$ -
				DIV-07	THERMAL AND MOISTURE PROTECTION									\$ -
				DIV-08	OPENINGS									\$ -
				DIV-09	FINISHES									\$ -
				DIV-10	SPECIALTIES									\$ -
				DIV-11	EQUIPMENTS									\$ -
				DIV-12	FURNISHINGS									\$ -
				DIV-13	SPECIAL CONSTRUCTION									\$ -
				DIV-14	CONVEYING EQUIPMENT									\$ -
				DIV-21	FIRE SUPPRESSION									\$ -
				DIV-22	PLUMBING									\$ -
				DIV-23	(HVAC) HEATING VENTILATING & AIR CONDITIONING									\$ -
				DIV-26	ELECTRICAL									\$ -
				DIV-31	EARTHWORK									\$ -
				DIV-32	EXTERIOR IMPROVEMENTS									\$ -
				DIV-33	UTILITIES									\$ -
														\$ -
								INSURANCE	0%					\$ -
								OVERHEAD AND PROFIT	20%					\$ -
								TOTAL BASE BID						\$ -
														\$ -
Detailed Estimate														
ITEM #	REF. SHEET	DETAIL	CSI SECT	DESCRIPTION	UNIT	QTY.	WASTAGE	QTY WITH WASTAGE	UNIT MATERIAL COST	UNIT LABOR COST	TOTAL MATERIAL COST	TOTAL LABOR COST	TOTAL ITEM COST	TRADE COST
			DIV-01	GENERAL										\$ -
1				Permit	LS	1	0%	1			\$ -	\$ -	\$ -	-
2				Supervision	LS	1	0%	1			\$ -	\$ -	\$ -	-
3				Final Cleanup	LS	1	0%	1			\$ -	\$ -	\$ -	-
4				Mobilization Cost	LS	1	0%	1			\$ -	\$ -	\$ -	-
5				Project Overheads	LS	1	0%	1			\$ -	\$ -	\$ -	-
6				Bonds	LS	1	0%	1			\$ -	\$ -	\$ -	-
7				Fees (Architect & Engineer)	LS	1	0%	1			\$ -	\$ -	\$ -	-
8				Temporary Control & Facilities	LS	1	0%	1			\$ -	\$ -	\$ -	-
9				Scaffolding	LS	1	0%	1			\$ -	\$ -	\$ -	-
			DIV-03	CONCRETE										\$ -
				Pad Footing										
10				1'-2"x1'-2"x1'-0" Reinforced Column Footing	CY	0.25	10%	0.28			\$ -	\$ -	\$ -	-
11				3'-0"x3'-0"x1'-0" Concrete Footing - 1'-0" Thickness Assumed	CY	1.33	10%	1			\$ -	\$ -	\$ -	-
				Strip Footing										
12				1'-4"x8" W Footing	CY	9.35	10%	10			\$ -	\$ -	\$ -	-
13				3'-0"x8" W Grade Beam	CY	0.79	10%	1			\$ -	\$ -	\$ -	-
				Concrete Walls										
14				8" Thick Reinforced Concrete Wall 3'-9" H	CY	11.51	10%	13			\$ -	\$ -	\$ -	-
15				8" Thick Reinforced Concrete Wall 9'-0" H	CY	35.38	10%	39			\$ -	\$ -	\$ -	-
				Concrete Slab On Grade										
16				4" Thickened Slab W/ #4 Rebar At Perimeter @ 48" OC (1190.43 SF)	CY	15	10%	16			\$ -	\$ -	\$ -	-
17				6" Thickened Slab W/ #4 Rebar At Perimeter @ 48" OC (1276.75 SF)	CY	24	10%	26			\$ -	\$ -	\$ -	-
18				6 Mil Visqueen	SF	2468	10%	2,715			\$ -	\$ -	\$ -	-
19				Stone Screening Fill	SF	2468	10%	2,715			\$ -	\$ -	\$ -	-
20				Bulk Excavation for Basement 15% Fluff Factor Added	CY	620	10%	683			\$ -	\$ -	\$ -	-
21				Excavation for Footing 15% Fluff Factor Added	CY	141	10%	155			\$ -	\$ -	\$ -	-
22				Backfill 15% Fluff Factor Added	CY	351	10%	386			\$ -	\$ -	\$ -	-
			DIV-05	METALS										\$ -
				Railing										
23				Hand Railing W Stairs	LF	49.76	10%	55			\$ -	\$ -	\$ -	-
24				Guard Railing	LF	34.05	10%	37			\$ -	\$ -	\$ -	-
				Steel Column										
25				Steel Beam As Per Manufacturer	LF	37.2	10%	41			\$ -	\$ -	\$ -	-
26				Steel I - Beam As per Manufacturer	LF	62.99	10%	69			\$ -	\$ -	\$ -	-
			DIV-06	WOOD, PLASTICS & COMPOSITES										\$ -
				Trims										
27				Trims @ Door & Window	LF	1,444	10%	1,588			\$ -	\$ -	\$ -	-
				Stairs										
				3'-8" W Stairs										
28				Treads: 16 EA	EA	1	10%	1			\$ -	\$ -	\$ -	-
				Risers: 18 EA										
				3'-8"x3'-8" Landing: 2 EA										
				3'-8" W Stairs										
29				Treads: 13 EA	EA	1	10%	1			\$ -	\$ -	\$ -	-
				Risers: 14 EA										
				3'-8"x3'-8" Landing: 1 EA										
30				2x12 Stringer	LF	75.44	10%	83			\$ -	\$ -	\$ -	-
				Columns										
31				2x6 Column (5 EA)	LF	180	10%	198			\$ -	\$ -	\$ -	-
				Beams/Headers										
32				2x10 Wooden Beam Into Webbing	LF	30.96	10%	34			\$ -	\$ -	\$ -	-
33				2x12 Ridge Beam	LF	150.57	10%	166			\$ -	\$ -	\$ -	-
34				2x12 Valley Beam	LF	106.82	10%	118			\$ -	\$ -	\$ -	-
35				2x12 Hip Beam	LF	9.45	10%	10			\$ -	\$ -	\$ -	-
36				3-1/2"x12" Wooden Beam	LF	187.19	10%	206			\$ -	\$ -	\$ -	-
37				6-1/2"x14" Wooden Beam	LF	58.78	10%	65			\$ -	\$ -	\$ -	-
38				2x12 Header	LF	208.46	10%	229			\$ -	\$ -	\$ -	-
				Joist/Blocking & Rafters										
39				2x12 Joist @ 16" OC	SF	3891.66	10%	4,281			\$ -	\$ -	\$ -	-
40				2x12 Solid Block Bridging 2 Rows @ 12" OC	SF	1316.52	10%	1,448			\$ -	\$ -	\$ -	-
41				2x12 Solid Block Bridging 2 Rows @ 16" OC	SF	493.39	10%	543			\$ -	\$ -	\$ -	-
42				2x10 Rafters @ 16" OC W/ 5 Pitch	SF	443.90004	10%	488			\$ -	\$ -	\$ -	-
43				2x10 Rafters @ 16" OC W/ 10 Pitch	SF	2950.0716	10%	3,245			\$ -	\$ -	\$ -	-
44				2x10 Rafters @ 16" OC W/ 18 Pitch	SF	354.95661	10%	390			\$ -	\$ -	\$ -	-
45				2x10 Rafters @ 16" OC W/ 7 Pitch	SF	104.4516	10%	115			\$ -	\$ -	\$ -	-
46				2x10 Rafters @ 16" OC W/ 3 Pitch	SF	68.82956	10%	76			\$ -	\$ -	\$ -	-
47				Soft Framing 2x6 @ 16" OC	SF	399.1	10%	439			\$ -	\$ -	\$ -	-
				Sheathing										
48				7/16 OSB Roof Sheathing	SF	3923	10%	4,315			\$ -	\$ -	\$ -	-
49				1/2" OSB Floor Sheathing	SF	3600	10%	3,960			\$ -	\$ -	\$ -	-
50				3/8" OSB Wall Sheathing	SF	4167.74	10%	4,585			\$ -	\$ -	\$ -	-
			DIV-07	THERMAL AND MOISTURE PROTECTION										\$ -
				Exterior										
51				Horizontal Siding	SF	4,168	10%	4,585			\$ -	\$ -	\$ -	-
52				Vapor Barrier/House Wrap	SF	4,168	10%	4,585			\$ -	\$ -	\$ -	-
53				Door & Window Flashing	LF	525	10%	578			\$ -	\$ -	\$ -	-
54				Fascia Board W/ Drip Edge Flashing	LF	446	10%	491			\$ -	\$ -	\$ -	-
55				Roof to Wall Flashing	LF	111	10%	122			\$ -	\$ -	\$ -	-

56		Corner Trim @ Exterior	LF	528	10%	581			\$	-	\$	-	\$	-
57		Exterior Horizontal Siding @ Columns	SF	200	10%	220			\$	-	\$	-	\$	-
Roofing														
58		Roofing Asphalt Shingles	SF	3923	10%	4,315			\$	-	\$	-	\$	-
59		Roof Felt	SF	3923	10%	4,315			\$	-	\$	-	\$	-
60		Aluminum Gutter W/ Drip Edge Flashing	LF	211	10%	232			\$	-	\$	-	\$	-
61		Ridge W/ Flashing (As Required)	LF	150.57	10%	166			\$	-	\$	-	\$	-
62		Valley W/ Flashing (As Required)	LF	106.82	10%	118			\$	-	\$	-	\$	-
63		Hip W/ Flashing (As Required)	LF	9.45	10%	10			\$	-	\$	-	\$	-
64		Floor & Ceiling Insulation	LF	5590	10%	6,149			\$	-	\$	-	\$	-
DIV-08 OPENINGS														
Windows														
65		2'-0"x4'-4" SC Window	EA	3	0%	3			\$	-	\$	-	\$	-
66		2'-0"x5'-2" SC Window	EA	6	0%	6			\$	-	\$	-	\$	-
67		2'-4"x4'-4" SC Window	EA	1	0%	1			\$	-	\$	-	\$	-
68		2'-4"x5'-6" SC Window	EA	7	0%	7			\$	-	\$	-	\$	-
69		4'-8"x6'-0" DC Window	EA	2	0%	2			\$	-	\$	-	\$	-
70		5'-0"x4'-4" FX Window	EA	1	0%	1			\$	-	\$	-	\$	-
71		6'-0"x5'-6" DC Window	EA	1	0%	1			\$	-	\$	-	\$	-
72		7'-0"x5'-6" TC Window	EA	1	0%	1			\$	-	\$	-	\$	-
73		7'-0"x6'-0" TC Window	EA	1	0%	1			\$	-	\$	-	\$	-
74		8'-0"x5'-2" TC Window	EA	1	0%	1			\$	-	\$	-	\$	-
75		2'-6"x2'-6" Access Hatch	EA	1	0%	1			\$	-	\$	-	\$	-
Doors														
76		2'-4"x6'-8" Door W/ Frame	EA	6	0%	6			\$	-	\$	-	\$	-
77		2'-8"x6'-8" Door W/ Frame	EA	8	0%	8			\$	-	\$	-	\$	-
78		2'-2'-6"x6'-8" Bifold Door W/ Frame	EA	1	0%	1			\$	-	\$	-	\$	-
79		3'-0"x6'-8" Door W/ Frame	EA	7	0%	7			\$	-	\$	-	\$	-
80		4'-0"x6'-8" Door W/ Frame	EA	1	0%	1			\$	-	\$	-	\$	-
81		5'-0"x7'-11" Exterior Door	EA	1	0%	1			\$	-	\$	-	\$	-
82		6'-0"x8'-0" Sliding Door W/ Frame	EA	1	0%	1			\$	-	\$	-	\$	-
83		9'-0"x8'-0" Garage Door W/ Frame	EA	1	0%	1			\$	-	\$	-	\$	-
84		18'-0"x8'-0" garage Door W/ Frame	EA	1	0%	1			\$	-	\$	-	\$	-
85		Hardware W/ Accessories	EA	27	0%	27			\$	-	\$	-	\$	-
DIV-09 FINISHES														
Walls														
86		Exterior Wall	LF	445.91					\$	-	\$	-	\$	-
87		2x4 Wall Studs @ 16" OC	SF	4167.74	10%	4,585			\$	-	\$	-	\$	-
88		2x4 Wood Bottom Track	LF	446	10%	491			\$	-	\$	-	\$	-
89		2x4 Wood Top Track	LF	892	10%	981			\$	-	\$	-	\$	-
90		2x4 Wood Nogging	LF	446	10%	491			\$	-	\$	-	\$	-
91		Wall Batt Insulation	SF	4,168	10%	4,585			\$	-	\$	-	\$	-
92		5/8" Gypsum Board	SF	4,168	10%	4,585			\$	-	\$	-	\$	-
93		Acoustical Sealant	LF	892	10%	981			\$	-	\$	-	\$	-
94		Exterior Wall - Knee Wall	LF	39					\$	-	\$	-	\$	-
95		2x4 Wall Studs @ 16" OC	SF	137.41	10%	151			\$	-	\$	-	\$	-
96		2x4 Wood Bottom Track	LF	39	10%	43			\$	-	\$	-	\$	-
97		2x4 Wood Top Track	LF	79	10%	86			\$	-	\$	-	\$	-
98		3/8" OSB Wall Sheathing	SF	275	10%	302			\$	-	\$	-	\$	-
99		Acoustical Sealant	LF	79	10%	86			\$	-	\$	-	\$	-
100		2x6 Interior Wall	LF	13.54					\$	-	\$	-	\$	-
101		2x6 Wall Studs @ 16" OC	SF	124.12118	10%	137			\$	-	\$	-	\$	-
102		2x6 Wood Bottom Track	LF	14	10%	15			\$	-	\$	-	\$	-
103		2x6 Wood Top Track	LF	27	10%	30			\$	-	\$	-	\$	-
104		2x6 Wood Nogging	LF	14	10%	15			\$	-	\$	-	\$	-
105		Wall Batt Insulation	SF	124	10%	137			\$	-	\$	-	\$	-
106		5/8" Gypsum Board	SF	248	10%	273			\$	-	\$	-	\$	-
107		Acoustical Sealant	LF	54	10%	60			\$	-	\$	-	\$	-
108		Furring Wall	LF	12.96					\$	-	\$	-	\$	-
109		7/8" Furring Channel Wall Studs @ 16" OC	SF	118.80432	10%	131			\$	-	\$	-	\$	-
110		5/8" Gypsum Board	SF	119	10%	131			\$	-	\$	-	\$	-
111		Acoustical Sealant	LF	76	10%	29			\$	-	\$	-	\$	-
112		Interior Walls	LF	440.17					\$	-	\$	-	\$	-
113		2x4 Wall Studs @ 16" OC	SF	4035.03839	10%	4,439			\$	-	\$	-	\$	-
114		2x4 Wood Bottom Track	LF	440	10%	484			\$	-	\$	-	\$	-
115		2x4 Wood Top Track	LF	880	10%	968			\$	-	\$	-	\$	-
116		2x4 Wood Nogging	LF	440	10%	484			\$	-	\$	-	\$	-
117		Wall Batt Insulation	SF	4,035	10%	4,439			\$	-	\$	-	\$	-
118		5/8" Gypsum Board	SF	6,585	10%	7,243			\$	-	\$	-	\$	-
119		MR 5/8" Gypsum Board	SF	1485.23734	10%	1,634			\$	-	\$	-	\$	-
120		Acoustical Sealant	LF	1,761	10%	1,937			\$	-	\$	-	\$	-
121		Interior Walls - Shear Wall	LF	74.53					\$	-	\$	-	\$	-
122		2x4 Wall Studs @ 16" OC	SF	683.21651	10%	752			\$	-	\$	-	\$	-
123		2x4 Wood Bottom Track	LF	75	10%	82			\$	-	\$	-	\$	-
124		2x4 Wood Top Track	LF	149	10%	164			\$	-	\$	-	\$	-
125		2x4 Wood Nogging	LF	75	10%	82			\$	-	\$	-	\$	-
126		Wall Batt Insulation	SF	683	10%	752			\$	-	\$	-	\$	-
127		5/8" Gypsum Board	SF	683	10%	752			\$	-	\$	-	\$	-
128		3/8" OSB Wall Sheathing	SF	683	10%	752			\$	-	\$	-	\$	-
129		Acoustical Sealant	LF	298	10%	328			\$	-	\$	-	\$	-
Flooring														
130		Sealed Concrete Flooring	SF	2073.66	10%	2,281			\$	-	\$	-	\$	-
131		Tile Flooring	SF	410.46	10%	452			\$	-	\$	-	\$	-
132		Wooden Flooring	SF	2233.02	10%	2,456			\$	-	\$	-	\$	-
133		Rubber Flooring @ Stairs	SF	141.69	10%	156			\$	-	\$	-	\$	-
134		Carpet Flooring	SF	730.17	10%	803			\$	-	\$	-	\$	-
Base														
135		4" Wooden Wall Base	LF	975	10%	1,073			\$	-	\$	-	\$	-
136		4" Rubber Wall Base	LF	80	10%	88			\$	-	\$	-	\$	-
Wall Tiles														
137		Ceramic Wall Tile W/ Grouting	SF	1485.23734	10%	1,634			\$	-	\$	-	\$	-
Ceiling														
138		5/8" Gypsum Board Ceiling	SF	5178	10%	5,696			\$	-	\$	-	\$	-
139		5/8" MR Gypsum Board Ceiling	SF	410.46	10%	452			\$	-	\$	-	\$	-
Paint														
140		Paint @ Ceiling	SF	5,589	10%	6,148			\$	-	\$	-	\$	-
141		Paint @ Doors	EA	27	10%	30			\$	-	\$	-	\$	-
142		Paint @ Trims	LF	918	10%	1,010			\$	-	\$	-	\$	-
143		Paint @ Door Frame	LF	459	10%	505			\$	-	\$	-	\$	-
144		Paint @ Railing	LF	84	10%	92			\$	-	\$	-	\$	-
145		Paint @ Walls	SF	11,803	10%	12,983			\$	-	\$	-	\$	-
DIV-10 SPECIALTIES														
Bath Accessories														
146		Grab Bar 24" L	EA	5	0%	5			\$	-	\$	-	\$	-
147		Grab Bar 18" L	EA	5	0%	5			\$	-	\$	-	\$	-
148		Mirror	EA	6	0%	6			\$	-	\$	-	\$	-
149		Soap Dispenser	EA	6	0%	6			\$	-	\$	-	\$	-
150		Tissue Dispenser	EA	10	0%	10			\$	-	\$	-	\$	-
151		Coat Hook	EA	5	0%	5			\$	-	\$	-	\$	-
152		Bath Partition W/ Door 6'-0" H	LF	8	0%	8			\$	-	\$	-	\$	-
153		Countertop	SF	175	0%	175			\$	-	\$	-	\$	-
DIV-11 EQUIPMENTS														
154		Kitchen Hood/Cooktop	EA	1	0%	1			\$	-	\$	-	\$	-
155		Refrigerator	EA	1	0%	1			\$	-	\$	-	\$	-
156		Oven	EA	1	0%	1			\$	-	\$	-	\$	-
157		Washer	EA	1	0%	1			\$	-	\$	-	\$	-
158		Dryer	EA	1	0%	1			\$	-	\$	-	\$	-
DIV-12 FURNISHINGS														
Millwork														
159		1'-0" Deep Shelving	LF	13	10%	14			\$	-	\$	-	\$	-
160		1'-0" Wall Cabinet	LF	21	10%	23			\$	-	\$	-	\$	-
161		2'-0" Deep Base Cabinet	LF	63	10%	70			\$	-	\$	-	\$	-
162		2'-0" H Back Splash	SF	127	10%	139			\$	-	\$	-	\$	-
163		Linen W/ Rod	LF	4	10%	5			\$	-	\$	-	\$	-
164		Walk In Closet	LF	78	10%	85			\$	-	\$	-	\$	-
165		9'-2"x5'-2" Kitchen Island	EA	1	0%	1			\$	-	\$	-	\$	-
DIV-21 FIRE SUPPRESSION														
Allowance														
166		Allowance For Ducts, Duct Insulation & Duct Fitting (6953 SF)	LS	1	0%	1			\$	-	\$	-	\$	-
DIV-22 PLUMBING														
Plumbing Fixture														
167		5'-0"x2'-6" Bath Tvb	EA	4	0%	4			\$	-	\$	-	\$	-

168			Lavatory	EA	6	0%	6			\$	-	\$	-	\$	-	
169			Shower	EA	1	0%	1			\$	-	\$	-	\$	-	
170			Sink W/ Faucet	EA	1	0%	1			\$	-	\$	-	\$	-	
171			Water Closet	EA	4	0%	4			\$	-	\$	-	\$	-	
172			Water Heater	EA	1	0%	1			\$	-	\$	-	\$	-	
			Allowance													
			ABILITY - ACCURACY - ON TIME													
173			Allowance For Pipe, Pipe Insulation & Pipe Fitting (6953 SF)	LS	1	0%	1			\$	-	\$	-	\$	-	
		DIV-23	(HVAC) HEATING VENTILATING & AIR CONDITIONING											\$	-	
			Allowance													
174			Allowance For Ducts, Duct Insulation & Duct Fitting (6953 SF)	LS	1	0%	1			\$	-	\$	-	\$	-	
		DIV-26	ELECTRICAL											\$	-	
			Allowance													
175			Allowance For Power Plan, Wiring & Conduits (6953 SF)	LS	1	0%	1			\$	-	\$	-	\$	-	
SUB TOTAL													\$	-	\$	-
INSURANCE										0%			\$	-	\$	-
OVERHEAD AND PROFIT										20%			\$	-	\$	-
TOTAL BASE BID													\$	-	\$	-

Note: Interior Finishes & Other Material Details was not Provided In Drawings We have done as per our best assumption