

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

Project Name: Single Family Residence

Sr #	RE F E R E N C E	DESCRIPTION	QUANTITY	WASTAGE	TOTAL QTY	UNIT	COST/UNIT	TOTAL	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
02. DEMOLITION													\$43,331
		DEMOLITION OF EXISTING ITEMS											
1		Replace Composition Shingle W/ Light Weight Mission "S" Tile	1438.9	0%	1438.9	SF	\$ -	\$ -	\$ 11.23	\$ 16,163	\$ 16,163		
440		Remove Driveway Approach	1921.7	5%	2017.7	SF	\$ -	\$ -	\$ 5.23	\$ 10,548	\$ 10,548		
443		Remove 6' h Wood Fence	140.1	5%	147.1	LF	\$ -	\$ -	\$ 19.37	\$ 2,850	\$ 2,850		
3		Replace Curb & Gutter	200.9	0%	200.9	LF	\$ -	\$ -	\$ 46.18	\$ 9,277	\$ 9,277		
2		Remove Tree	16.0	0%	16.0	EA	\$ -	\$ -	\$ 280.82	\$ 4,493	\$ 4,493		
03. CONCRETE													\$79,963
		CONCRETE FOR FOUNDATION											
4		F1: 3'-0"X3'-0"X1'-6" Footing Pad W	3.5	5%	3.7	CY	\$ 148.00	\$ 543.90	\$ 260.00	\$ -	\$ -		
5		4#5 Bottom Rebar's Each Way											
		F2: 3'-6"X3'-6"X1'-6" Footing Pad W	1.4	5%	1.4	CY	\$ 148.00	\$ 211.52	\$ 260.00	\$ 372	\$ 583		
6		5#5 Bottom Rebar's Each Way											
		F2: 3'-0"X3'-0"X2'-0" Footing Pad For Guest House W	2.7	5%	2.8	CY	\$ 148.00	\$ 414.40	\$ 260.00	\$ 728	\$ 1,142		
		4#4 Bottom Rebar's Each Way											
		F3: 4'-0"X4'-0"X1'-6" Footing Pad W	3.6	5%	3.7	CY	\$ 148.00	\$ 552.53	\$ 260.00	\$ -	\$ 1,523		
7		6#5 Bottom Rebar's Each Way											
		F5: Concrete Footing Pad With Rebar's	4.0	5%	4.2	CY	\$ 148.00	\$ 621.60	\$ 260.00	\$ 1,692	\$ 1,714		
8		1'-4" W Continuous Footing For Garage Reinforced W	11.1	5%	11.6	CY	\$ 148.00	\$ 1,723.42	\$ 260.00	\$ 1,628	\$ 4,751		
9		2 #4 Continuous Rebar's Top & Bottom											
		1'-4" W X 1'-6" D Continuous Footing Reinforced W	49.2	5%	51.7	CY	\$ 148.00	\$ 7,652.29	\$ 260.00	\$ 13,443	\$ 21,096		
10		2#4 Top & Bottom Continuous Rebar's											
		1'-4" W X 1'-6" D Continuous Footing Reinforced W	11.9	5%	12.5	CY	\$ 148.00	\$ 1,844.00	\$ 260.00	\$ 3,240	\$ 5,084		
11		2#5 Top & Bottom Continuous Rebar's, #3 @ 12" O.C. Ties											
		2'-6" W Continuous Footing For Guest House Reinforced W	10.4	5%	10.9	CY	\$ 148.00	\$ 1,614.32	\$ 260.00	\$ 2,836	\$ 4,451		
12		2 #4 Continuous Rebar's Top & Bottom											
		Concrete Footing For Stairs With Rebar's	6.4	5%	6.8	CY	\$ 148.00	\$ 1,006.40	\$ 260.00	\$ 1,756	\$ 2,756		
13		4" Concrete Slab On Grade For Guest House W											
		2" Sand Over											
14		10 Mil Visqueen	5.9	5%	6.2	CY	\$ 126.00	\$ 781.20	\$ 168.00	\$ 1,039	\$ 1,818		
		4" Concrete Slab On Grade W											
		#4 @ 16" O.C. Each Way											
15		2" Sand Over	74.5	5%	78.2	CY	\$ 126.00	\$ 9,858.80	\$ 168.00	\$ 13,145	\$ 23,004		
		6 Mil Visqueen											
		3 #4 Dowels											
16		Concrete For Stair Steps With Rebar's	27.0	5%	28.4	LF	\$ 176.00	\$ 5,000.80	\$ 168.00	\$ 4,763	\$ 8,335		
		4 #5 Vertical Bars, #3 @ 18" O.C. Ties	1.4	5%	1.4	CY	\$ 176.00	\$ 249.89	\$ 436.00	\$ 619	\$ 869		
17			2.1	5%	2.2	CY	\$ 176.00	\$ 385.00	\$ 436.00	\$ 954	\$ 1,339		
18													
05. METALS													\$36,124
		STEEL BEAMS W12X30 STEEL COLUMNS											
19		W12X30 HSS 6X6X1/4 6X6X1/4 Tube Steel	15.0	5%	15.8	LF	\$ 45.00	\$ 708.75	\$ 15.00	\$ 236	\$ 945		
		BASE PLATES											
20		Steel Column Base Plate 12" X12" X1/4" thick	22.0	5%	23.2	LF	\$ 45.00	\$ 1,039.50	\$ 15.00	\$ 347	\$ 1,386		
21		Steel Column Base Plate	380.4	5%	399.4	LBS	\$ 2.75	\$ 1,098.41	\$ 1.39	\$ 554	\$ 1,652		
22		HDU4 Holdown CC106 Post	532.6	5%	559.2	LBS	\$ 2.75	\$ 1,537.77	\$ 1.39	\$ 775	\$ 2,313		
		Steel Plate 1/2" Thick 12" X12" X1/4" thick											
23		Strong Wall SW22X8-6	2.0	5%	2.1	EA	\$ 72.00	\$ 151.20	\$ 32.00	\$ 67	\$ 218		
24		H Metal Guard Rail @ Stair 42" H Wrought Iron Railings	2.0	5%	2.1	EA	\$ 64.00	\$ 134.40	\$ 29.00	\$ 61	\$ 195		
25			60.9	5%	63.9	EA	\$ 20.00	\$ 1,218.00	\$ 12.00	\$ 731	\$ 1,949		
26			77.7	5%	81.7	EA	\$ 32.00	\$ 2,486.40	\$ 20.00	\$ 1,554	\$ 4,040		
27			118.7	5%	124.7	EA	\$ 6.00	\$ 711.90	\$ 3.00	\$ 356	\$ 1,068		
28			432.6	5%	453.6	EA	\$ 8.00	\$ 3,460.80	\$ 3.00	\$ 1,298	\$ 4,759		
29			6.3	5%	6.6	EA	\$ 486.19	\$ 3,063.00	\$ 113.20	\$ 713	\$ 3,776		
30			26.4	0%	26.4	LF	\$ 38.00	\$ 1,001.68	\$ 22.00	\$ 580	\$ 1,582		
31			204.0	0%	204.0	LF	\$ 38.00	\$ 7,752.76	\$ 22.00	\$ 4,488	\$ 12,241		
WOOD, PLASTICS & COMPOSITES													\$235,647
		WOOD HEADER, BEAMS,											
32		6X14 Wood Beam	429.1	5%	450.5	LF	\$ 12.00	\$ 5,406.28	\$ 13.00	\$ 5,857	\$ 11,263		
33		6X12 Wood Beam	120.2	5%	126.2	LF	\$ 11.00	\$ 1,388.43	\$ 12.00	\$ 1,565	\$ 2,954		
34		6X10 Wood Beam	71.1	5%	74.7	LF	\$ 10.73	\$ 801.50	\$ 11.76	\$ 878	\$ 1,680		
35		6X8 Wood Beam	124.2	5%	130.4	LF	\$ 10.00	\$ 1,304.42	\$ 12.00	\$ 1,565	\$ 2,870		
36		4X14 Wood Beam	104.0	5%	109.2	LF	\$ 8.65	\$ 944.22	\$ 11.54	\$ 1,260	\$ 2,204		
37		4X10 Wood Beam	7.4	5%	7.8	LF	\$ 8.67	\$ 67.64	\$ 6.47	\$ 50	\$ 118		
38		4X8 Wood Beam	3.0	5%	3.2	LF	\$ 7.05	\$ 22.21	\$ 6.02	\$ 19	\$ 41		
39		(2) 2X14 Wood Beam	36.6	5%	38.5	LF	\$ 3.00	\$ 115.42	\$ 8.00	\$ 308	\$ 423		
40		(2) 2X12 Wood Beam	53.4	5%	56.0	LF	\$ 2.72	\$ 152.40	\$ 2.41	\$ 135	\$ 287		
41		(2) 2X10 Wood Beam	51.3	5%	53.9	LF	\$ 2.20	\$ 118.60	\$ 3.35	\$ 181	\$ 299		
42		6 3/4 X 13 1/2 Wood Beam	13.4	5%	14.0	LF	\$ 34.45	\$ 482.90	\$ 6.36	\$ 89	\$ 572		
43		3 1/8 X 15 Wood Beam	12.3	5%	12.9	LF	\$ 32.99	\$ 427.11	\$ 6.20	\$ 80	\$ 507		
44		3 1/8 X 13 1/2 Wood Beam	17.0	5%	17.8	LF	\$ 29.45	\$ 524.45	\$ 6.05	\$ 108	\$ 632		
45		5 1/8 X 16 Wood Beam	15.9	5%	16.7	LF	\$ 37.02	\$ 616.49	\$ 6.20	\$ 103	\$ 720		
46		5 1/8 X 15 Wood Beam	33.1	5%	34.8	LF	\$ 35.42	\$ 1,232.51	\$ 5.82	\$ 202	\$ 1,435		
47		5 1/8 X 13 1/2 GLB	16.9	5%	17.7	LF	\$ 32.44	\$ 574.97	\$ 6.05	\$ 107	\$ 682		
48		3 1/2 X 13 1/2 GLB	22.9	5%	24.1	LF	\$ 38.00	\$ 915.31	\$ 49.00	\$ 1,180	\$ 2,096		
49		4X10 Wood Header	48.4	5%	50.8	LF	\$ 8.67	\$ 440.52	\$ 6.47	\$ 329	\$ 769		
50		4X12 Wood Header	20.6	5%	21.6	LF	\$ 7.91	\$ 171.09	\$ 6.68	\$ 144	\$ 316		
51		4X14 Wood Header	5.3	5%	5.5	LF	\$ 8.65	\$ 47.86	\$ 11.54	\$ 64	\$ 112		
52		4X4 Wood Header	25.9	5%	27.1	LF	\$ 2.50	\$ 67.86	\$ 5.04	\$ 137	\$ 205		
53		4X6 Wood Header	100.8	5%	105.9	LF	\$ 3.13	\$ 331.41	\$ 5.16	\$ 546	\$ 878		
54		4X8 Wood Header	33.7	5%	35.4	LF	\$ 7.05	\$ 249.61	\$ 6.02	\$ 213	\$ 463		
55		6X10 Wood Header	8.2	5%	8.6	LF	\$ 10.73	\$ 92.50	\$ 11.76	\$ 101	\$ 194		
56		6X14 Wood Header	3.3	5%	3.5	LF	\$ 12.00	\$ 42.08	\$ 13.00	\$ 46	\$ 88		
57		6X6 Wood Header	19.3	5%	20.2	LF	\$ 10.46	\$ 211.42	\$ 9.00	\$ 182	\$ 393		
58		4X10 Wood Blocking	67.1	5%	70.5	LF	\$ 8.67	\$ 610.84	\$ 6.47	\$ 456	\$ 1,067		
59		2X6 Wood Blocking	28.6	5%	30.0	LF	\$ 1.21	\$ 36.47	\$ 1.78	\$ 53	\$ 90		
60		2X12 Hip Beam	330.6	5%	347.2	LF	\$ 2.72	\$ 944.32	\$ 2.41	\$ 837	\$ 1,781		
61		2X10 Hip Beam	563.3	5%	591.4	LF	\$ 2.20	\$ 1,301.12	\$ 3.35	\$ 1,981	\$ 3,282		
62		3 1/8 X 12 Hip Beam	229.1	5%	240.6	LF	\$ 26.76	\$ 6,437.43	\$ 5.04	\$ 1,213	\$ 7,650		
63		2X12 Ridge Beam	29.2	5%	30.7	LF	\$ 2.72	\$ 83.57	\$ 2.41	\$ 74	\$ 159		
64		2X10 Ridge Beam	22.5	5%	23.7	LF	\$ 2.20	\$ 52.07	\$ 3.35	\$ 79	\$ 131		
65		2X10 Valley Beam	29.9	5%	31.3	LF	\$ 2.20	\$ 68.95	\$ 3.35	\$ 105	\$ 174		
66		2X6 PT Stair Ledger	160.0	5%	168.0	LF	\$ 1.15	\$ 193.20	\$ 2.80	\$ 470	\$ 664		
67		2X4 Nailier	63.8	5%	67.0	LF	\$ 0.80	\$ 53.42	\$ 1.95	\$ 131	\$ 184		
		2X6 Roof Rafter @ 16" O.C. (2408 sf)											
68		2X12 Roof Rafter @ 16" O.C. (3608 sf)	1810.5	10%	1991.6	LF	\$ 1.21	\$ 2,417.78	\$ 1.78	\$ 3,539	\$ 5,957		
69		(2) 2X12 Roof Rafter	721.8	10%	794.0	LF	\$ 1.76	\$ 1,397.41	\$ 1.87	\$ 1,485	\$ 2,882		
70		(2) 2X6 Roof Rafter	2712.8	10%	2984.1	LF	\$ 2.72	\$ 8,116.64	\$ 2.41	\$ 7,192	\$ 15,308		
71		2X14 Floor Joist @ 16" O.C. (406 sf)	80.7	10%	88.8	LF	\$ 2.72	\$ 241.41	\$ 2.41	\$ 214	\$ 455		
72		2X14 Floor Joist @ 12" O.C. (378 sf)	29.6	10%	32.6	LF	\$ 1.21	\$ 39.58	\$ 1.78	\$ 58	\$ 98		
73		2X12 Floor Joist @ 16" O.C. (388 sf)	305.3	10%	335.8	LF	\$ 3.00	\$ 1,007.37	\$ 8.00	\$ 2,686	\$ 3,694		
74		14 TJI 360 Floor Joist @ 16" O.C. (900 sf)	378.0	10%	415.8	LF	\$ 3.00	\$ 1,247.40	\$ 8.00	\$ 3,326	\$ 4,574		
75			291.7	10%	320.9	LF	\$ 2.72	\$ 872.85	\$ 2.41	\$ 773	\$ 1,646		
76			676.7	10%	744.4	LF	\$ 10.50	\$ 7,815.79	\$ 3.88	\$ 2,886	\$ 10,702		

7.0	5%		7.4	LFS	4.97	\$	36.53		
59.0	5%		62.0	LFS	4.35	\$	269.48		
43.0	5%		45.2	LFS	75.00	\$	3,386.20		
92.0	5%		96.6	LFS	6.68	\$	645.29		
67.0	5%		70.4	LFS	6.56	\$	461.50		
112.0	5%		112.0	EAS	11.69	\$	1,385.58		
7.0	5%		7.4	LFS	5.80	\$	42.68		
82.0	5%		82.0	LFS	5.77	\$	533.74		
28.0	5%		29.4	LFS	5.77	\$	173.74		
17.0	0%		17.0	EAS	9.48	\$	161.16		
61.0	0%		61.0	EAS	4.59	\$	279.99		
190.0	0%		190.0	EAS	5.40	\$	1,026.00		
81.0	0%		81.0	EAS		\$	686.88		
9.0	0%		9.0	EAS		\$	94.23		
46.0	0%		46.0	EAS	12.50	\$	575.00		
1810.0	5%		1900.5	SPS	1.22	\$	2,318.61		
5704.0	5%		5989.2	SPS	3.88	\$	23,238.10		
33. UTILITIES									
1515.9	5%		1617.7	SFS	3.55	\$	5,650.44		
40.0	5%		42.0	EAS	688.00	\$	28,896.00		
325.4	5%		341.1	LFS	2.33	\$	795.97		
399.0	5%		419.0	LFS	2.33	\$	976.23		
27.3	5%		28.7	LFS	3.26	\$	93.55		
76.3	5%		76.3	LFS	4.66	\$	355.65		
240.7	5%		252.8	LFS	6.89	\$	1,741.63		
29.0	5%		30.5	LFS	18.90	\$	575.90		
22.7	5%		23.9	LFS	13.56	\$	323.63		
1.0	0%		1.0	EAS	37.89	\$	143.33		
1.0	0%		1.0	EAS	367.68	\$	367.68		
1.0	0%		1.0	EAS	224.50	\$	3,816.50		
1.0	0%		4.0	EAS	13.50	\$	54.00		
1.0	0%		7.0	EAS	309.99	\$	2,169.93		
1.0	0%		2.0	EAS	195.00	\$	390.00		