

MATERIAL TAKEOFF AND COST ESTIMATE STATEMENT

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Table with columns: Sr #, REFERENCE, DESCRIPTION, QUANTITY, WASTAGE, TOTAL QTY, UNIT, COST/UNIT, TOTAL, UNIT LABOR, TOTAL LABOR, TOTAL COST, REMARKS, TRADE COST. Includes sections for 02. DEMOLITION, 03. CONCRETE, 04. MASONRY, 05. METALS, and 06. WOOD, PLASTICS & COMPOSITES.

SF #	REFERENCE	DESCRIPTION	QUANTITY	WASTAGE	TOTAL QTY	UNIT	COST/UNIT	TOTAL	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
63		6X12 Wood Beam	33.5	5%	35.2	LF	\$ 22.00	\$ 774.31	\$ 11.00	\$ 387	\$ 1,161		
64		6X6 Wood Header	115.6	5%	121.4	LF	\$ 11.25	\$ 1,365.88	\$ 11.35	\$ 1,378	\$ 2,744		
65		6X8 Wood Header	35.7	5%	37.5	LF	\$ 11.50	\$ 431.56	\$ 11.50	\$ 432	\$ 863		
		JOISTS, TRUSSES											
66		Designed Roof Trusses @ 24" O.C. (1996 sf)	998.0	10%	1097.8	LF	\$ 3.93	\$ 4,314.35	\$ 2.19	\$ 2,404	\$ 6,719		
67		24" Deep Open Web Trusses @ 19.2" O.C. (2511 sf)	1569.4	10%	1726.3	LF	\$ 3.93	\$ 6,784.41	\$ 2.19	\$ 3,781	\$ 10,565		
68		18" Deep Open Web Trusses @ 19.2" O.C. (2699 sf)	1686.9	10%	1855.6	LF	\$ 3.93	\$ 7,292.36	\$ 2.19	\$ 4,064	\$ 11,356		
69		2X12 Deck Joist @ 16" O.C. (1497 sf)	1125.6	10%	1238.1	LF	\$ 2.72	\$ 3,367.69	\$ 2.41	\$ 2,984	\$ 6,352		
70		(2) 2X12 Deck Joist @ 16" O.C. (286 sf)	430.1	10%	473.1	LF	\$ 2.72	\$ 1,286.78	\$ 2.41	\$ 1,140	\$ 2,427		
71		2X6 Roof Rafter @ 24" O.C. (787 sf)	393.5	10%	432.9	LF	\$ 1.21	\$ 525.48	\$ 1.78	\$ 769	\$ 1,295		
72		2X6 Roof Rafter @ 16" O.C. (143 sf)	107.5	10%	118.3	LF	\$ 1.21	\$ 143.58	\$ 1.78	\$ 210	\$ 354		
73		11 7/8" TJI 200 @ 16" O.C. (116 sf)	87.2	10%	95.9	LF	\$ 8.90	\$ 853.86	\$ 4.67	\$ 448	\$ 1,301		
74		2X12 Flat Conv. @ 16" O.C. (89 sf)	66.9	10%	73.6	LF	\$ 2.72	\$ 200.22	\$ 2.41	\$ 177	\$ 378		
75		2X12 Continuous Joist	82.3	10%	90.6	LF	\$ 2.72	\$ 246.30	\$ 2.41	\$ 218	\$ 465		
76		Girder Truss	164.8	10%	181.3	LF	\$ 6.28	\$ 1,138.65	\$ 4.00	\$ 725	\$ 1,864		
		WOOD POSTS											
77		(3) 2X4 Wood Post	99.0	10%	108.9	LF	\$ 0.80	\$ 86.79	\$ 1.95	\$ 212	\$ 299		
78		(2) 2X4 Wood Post	22.0	10%	24.2	LF	\$ 0.80	\$ 19.29	\$ 1.95	\$ 47	\$ 66		
79		(2) 2X6 Wood Post	264.0	10%	290.4	LF	\$ 1.21	\$ 352.55	\$ 2.19	\$ 637	\$ 990		
80		2X6 Wood Post	33.0	10%	36.3	LF	\$ 1.21	\$ 44.07	\$ 2.19	\$ 80	\$ 124		
81		4X4 Wood Post	121.0	10%	133.1	LF	\$ 2.50	\$ 332.75	\$ 5.04	\$ 671	\$ 1,004		
82		4X6 Wood Post	506.0	10%	556.6	LF	\$ 3.13	\$ 1,742.16	\$ 7.12	\$ 3,963	\$ 5,705		
83		4X8 Wood Post	198.0	10%	217.8	LF	\$ 7.05	\$ 1,535.49	\$ 9.21	\$ 2,006	\$ 3,541		
84		4X10 Wood Post	22.0	10%	24.2	LF	\$ 7.68	\$ 185.86	\$ 10.50	\$ 254	\$ 440		
85		6X6 Wood Post	319.0	10%	350.9	LF	\$ 7.43	\$ 2,607.19	\$ 9.48	\$ 3,327	\$ 5,934		
86		6X8 Wood Post	55.0	10%	60.5	LF	\$ 10.46	\$ 632.83	\$ 11.76	\$ 711	\$ 1,344		
87		6X10 Wood Post	11.0	10%	12.1	LF	\$ 10.73	\$ 129.83	\$ 13.54	\$ 164	\$ 294		
88		(3) 2X4 Wood Trimmer	21.0	10%	23.1	LF	\$ 0.80	\$ 18.41	\$ 1.95	\$ 45	\$ 63		
89		(2) 2X4 Wood Trimmer	56.0	10%	61.6	LF	\$ 0.80	\$ 49.10	\$ 1.95	\$ 120	\$ 169		
90		(2) 2X6 Wood Trimmer	224.0	10%	246.4	LF	\$ 1.21	\$ 299.13	\$ 2.19	\$ 541	\$ 840		
91		4X6 Wood Trimmer	49.0	10%	53.9	LF	\$ 3.13	\$ 168.71	\$ 7.12	\$ 384	\$ 552		
92		4X8 Wood Trimmer	14.0	10%	15.4	LF	\$ 7.05	\$ 108.57	\$ 9.21	\$ 142	\$ 250		
93		6X6 Wood Trimmer	56.0	10%	61.6	LF	\$ 7.43	\$ 457.69	\$ 9.48	\$ 584	\$ 1,042		
94		(3) 2X4 Stud	66.0	10%	72.6	LF	\$ 0.80	\$ 57.86	\$ 1.95	\$ 141	\$ 199		
95		(2) 2X4 Stud	44.0	10%	48.4	LF	\$ 0.80	\$ 38.57	\$ 1.95	\$ 94	\$ 133		
96		(3) 2X6 Stud	33.0	10%	36.3	LF	\$ 1.21	\$ 44.07	\$ 2.19	\$ 80	\$ 124		
97		(2) 2X6 Stud	132.0	10%	145.2	LF	\$ 1.21	\$ 176.27	\$ 2.19	\$ 319	\$ 495		
98		2X6 Stud	11.0	10%	12.1	LF	\$ 1.21	\$ 14.69	\$ 2.19	\$ 27	\$ 41		
99		4X12 Stud	11.0	10%	12.1	LF	\$ 8.32	\$ 100.67	\$ 10.96	\$ 133	\$ 233		
		SHEATHING											
		Floor/Roof Sheathing											
100		23/32" APA Rated Sturd-I-Floor T&G Sheathing	6262.2	10%	6888.4	SF	\$ 1.26	\$ 8,679.41	\$ 1.55	\$ 10,677	\$ 19,356		
		No. Of Sheets(4'-0" X 8'-0")	195.7										
		10D Nails	16242.6	0%	16242.6	EA	\$ 0.08	\$ 1,299.41	\$ 0.20	\$ 3,249	\$ 4,548		
101		Shear Wall Sheathing											
102		3/8" APA Rated Shear Wall Sheathing	291.0	5%	305.6	SF	\$ 1.08	\$ 329.99	\$ 1.77	\$ 541	\$ 871		
		No. Of Sheets(4'-0" X 8'-0")	9.1										
		8D Nails	754.8	0%	754.8	EA	\$ 0.08	\$ 60.38	\$ 0.20	\$ 151	\$ 211		
103		Shear Wall Sheathing											
104		15/32" APA Rated Structural 1 Shear Wall Sheathing	5148.0	5%	5405.4	SF	\$ 1.08	\$ 5,837.83	\$ 1.77	\$ 9,568	\$ 15,405		
		No. Of Sheets(4'-0" X 8'-0")	160.9										
		10D Nails	13352.6	0%	13352.6	EA	\$ 0.08	\$ 1,068.21	\$ 0.20	\$ 2,671	\$ 3,739		
105		Roof Sheathing											
106		15/32" APA Rated Roof sheathing	921.1	10%	1013.2	SF	\$ 1.08	\$ 1,094.21	\$ 1.77	\$ 1,793	\$ 2,887		
		No. Of Sheets(4'-0" X 8'-0")	16.4										
		10D Nails	1364.4	0%	1364.4	EA	\$ 0.08	\$ 109.16	\$ 0.20	\$ 273	\$ 382		
107		Millwork											
108		1'-0" Deep Closet With Rod And Shelf	66.8	5%	70.1	LF	\$ 5.07	\$ 355.61	\$ 11.70	\$ 821	\$ 1,176		
109		1'-0" Deep Kitchen Wall Cabinetry	30.0	5%	31.5	LF	\$ 141.00	\$ 4,441.50	\$ 34.77	\$ 1,095	\$ 5,537		
110		2'-0" Deep Kitchen Base Cabinetry	69.0	5%	72.5	LF	\$ 206.00	\$ 14,924.70	\$ 34.77	\$ 2,519	\$ 17,444		
111		2'-0" Deep Laundry Base Cabinetry	11.0	5%	11.6	LF	\$ 206.00	\$ 2,379.30	\$ 34.77	\$ 402	\$ 2,781		
112		1'-0" Deep Laundry Wall Cabinetry	9.0	5%	9.5	LF	\$ 141.00	\$ 1,332.45	\$ 34.77	\$ 329	\$ 1,661		
113		2'-0" Deep Pantry With Racks And Shelves	16.4	5%	17.2	LF	\$ 5.07	\$ 87.31	\$ 11.70	\$ 201	\$ 289		
114		2'-0" Deep Base Bathroom Cabinetry	35.0	5%	36.8	LF	\$ 206.00	\$ 7,570.50	\$ 34.77	\$ 1,278	\$ 8,848		
115		2'-0" Deep Base Office Cabinetry	8.8	5%	9.2	LF	\$ 206.00	\$ 1,903.44	\$ 34.77	\$ 321	\$ 2,225		
116		0'-7" Deep Wall Framed Above Base Office Cabinetry	3.6	5%	3.8	LF	\$ 74.50	\$ 281.61	\$ 29.26	\$ 111	\$ 392		
117		1'-0" Deep Built-In Cabinetry/Shelves	22.7	5%	23.8	LF	\$ 141.00	\$ 3,360.74	\$ 34.77	\$ 829	\$ 4,189		
118		2'-6" Deep Built-In Cabinetry/Shelves	7.0	5%	7.4	LF	\$ 128.75	\$ 946.31	\$ 48.77	\$ 358	\$ 1,305		
119		1'-6" Deep Built-In Cabinetry/Shelves	3.8	5%	4.0	LF	\$ 101.50	\$ 404.99	\$ 39.02	\$ 156	\$ 561		
120		1'-8" Deep Closet W/Shelves	8.3	5%	8.7	LF	\$ 210.00	\$ 1,836.77	\$ 34.00	\$ 297	\$ 2,134		
121		1'-6" Deep Island Cabinets	8.0	5%	8.4	LF	\$ 112.56	\$ 945.50	\$ 33.16	\$ 279	\$ 1,224		
122		2'-0" Deep Base Bar Cabinetry	23.0	5%	24.2	LF	\$ 206.00	\$ 4,974.90	\$ 34.77	\$ 840	\$ 5,815		
123		2'-0" Deep Base Craft Room Cabinetry	12.7	5%	13.3	LF	\$ 206.00	\$ 2,747.01	\$ 34.77	\$ 464	\$ 3,211		
124		1'-0" Deep Craft Room Wall Cabinetry	7.2	5%	7.6	LF	\$ 141.00	\$ 1,065.96	\$ 34.77	\$ 263	\$ 1,329		
125		0'-6" Shelf Or Wood Cap	3.3	5%	3.5	LF	\$ 42.50	\$ 147.26	\$ 19.51	\$ 68	\$ 215		
		Stairs											
126		4'-0" Wide Stairs	28.0	0%	28.0	Risers	\$ 49.00	\$ 1,372.00	\$ 29.00	\$ 812	\$ 2,184		
		7" High Riser and 11" Treads											
07. THERMAL AND MOISTURE PROTECTION												\$73,670	
		Roofing											
127		Roof Tile	4548.0	5%	4775.4	SF	\$ 1.20	\$ 5,730.48	\$ 6.48	\$ 30,945	\$ 36,675		
128		Standing Seam Metal Roofing	16.5	5%	17.3	SF	\$ 1.30	\$ 22.52	\$ 4.45	\$ 77	\$ 100		
129		#30 Felt Paper	9129.0	5%	9585.5	SF	\$ 0.25	\$ 2,396.36	\$ 0.61	\$ 5,847	\$ 8,243		
130		Ice and Water Shield	861.2	5%	904.3	SF	\$ 0.60	\$ 542.56	\$ 1.11	\$ 1,006	\$ 1,548		
131		Metal Gutter	329.0	5%	345.5	LF	\$ 1.44	\$ 497.45	\$ 5.82	\$ 2,011	\$ 2,508		
132		Downspout	184.8	5%	194.0	LF	\$ 1.44	\$ 279.42	\$ 5.82	\$ 1,129	\$ 1,409		
		Insulation											
133		R-38 Batt Insulation At Ceiling	9107.0	5%	9562.4	SF	\$ 1.26	\$ 12,048.56	\$ 0.68	\$ 6,502	\$ 18,551		
		Flashing And Sheet Metal											
134		Metal Flashing W/26 Gage G.I Drip Edge	329.0	5%	345.5	LF	\$ 2.30	\$ 794.54	\$ 2.47	\$ 853	\$ 1,648		
135		Hip Metal Flashing	161.0	5%	169.1	LF	\$ 2.78	\$ 469.96	\$ 5.53	\$ 935	\$ 1,405		
136		Ridge Metal Flashing	177.4	5%	186.3	LF	\$ 2.78	\$ 517.83	\$ 5.53	\$ 1,030	\$ 1,548		
137		Valley Metal Flashing	4.0	5%	4.2	LF	\$ 2.78	\$ 11.68	\$ 5.53	\$ 23	\$ 35		
08. OPENINGS												\$83,118	
		Doors											
138		(10'-0"X8'-0") Folding Door W/Frame	1.0	0%	1.0	EA	\$ 2,565.00	\$ 2,565.00	\$ 613.06	\$ 613	\$ 3,178		
139		(11'-6"X8'-0") Bi Pass Door W/Frame	1.0	0%	1.0	EA	\$ 2,622.00	\$ 2,622.00	\$ 611.58	\$ 612	\$ 3,234		
140		(1'-4"X6'-8") Double Leaf Solid Core Door W/Frame	2.0	0%	2.0	EA	\$ 282.58	\$ 565.16	\$ 283.94	\$ 568	\$ 1,133		
141		(14'-0"X8'-0") Folding Door W/Frame	1.0	0%	1.0	EA	\$ 3,192.00	\$ 3,192.00	\$ 744.53	\$ 745	\$ 3,937		
142		(18'-0"X8'-0") Folding Door W/Frame	1.0	0%	1.0	EA	\$ 648.00	\$ 648.00					

SF #	REFERENCE	DESCRIPTION	QUANTITY	WASTAGE	TOTAL QTY	UNIT	COST/UNIT	TOTAL	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
158		(4'-0"X8'-0"H) Pocket Door W/Frame	1.0	0%	1.0	EA	\$ 333.00	\$ 333.00	\$ 100.00	\$ 100	\$ 433		
159		(5'-0"X8'-0"H) Folding Door W/Frame	1.0	0%	1.0	EA	\$ 378.00	\$ 378.00	\$ 140.00	\$ 140	\$ 518		
160		(5'-0"X8'-0"H) Pocket Door W/Frame	1.0	0%	1.0	EA	\$ 378.00	\$ 378.00	\$ 140.00	\$ 140	\$ 518		
161		(8'-0"X9'-0"H) Folding Door W/Frame	1.0	0%	1.0	EA	\$ 450.00	\$ 450.00	\$ 183.00	\$ 183	\$ 633		
162		(8'-0"X9'-0"H) Pocket Door W/Frame	2.0	0%	2.0	EA	\$ 450.00	\$ 900.00	\$ 183.00	\$ 366	\$ 1,266		
163		(8'-0"X9'-0"H) Garage Solid Core Door W/Frame	2.0	0%	2.0	EA	\$ 450.00	\$ 900.00	\$ 183.00	\$ 366	\$ 1,266		
164		Window											
164		(4'-8"X4'-6"H) Obscure Window W/Frame	1.0	0%	1.0	EA	\$ 698.00	\$ 698.00	\$ 196.00	\$ 196	\$ 894		
165		(2'-6"X5'-0"H) Casement Window W/Frame	3.0	0%	3.0	EA	\$ 662.00	\$ 1,986.00	\$ 181.00	\$ 543	\$ 2,529		
166		(3'-0"X5'-0"H) Casement Window W/Frame	3.0	0%	3.0	EA	\$ 700.00	\$ 2,100.00	\$ 202.00	\$ 606	\$ 2,706		
167		(2'-0"X6'-0"H) Casement Window W/Frame	4.0	0%	4.0	EA	\$ 520.00	\$ 2,080.00	\$ 148.00	\$ 592	\$ 2,672		
168		(2'-0"X5'-6"H) Casement Window W/Frame	4.0	0%	4.0	EA	\$ 662.00	\$ 2,648.00	\$ 181.00	\$ 724	\$ 3,372		
169		(3'-0"X5'-6"H) Casement Window W/Frame	4.0	0%	4.0	EA	\$ 429.00	\$ 1,716.00	\$ 307.27	\$ 1,229	\$ 2,945		
170		(2'-0"X4'-6"H) Casement Window W/Frame	3.0	0%	3.0	EA	\$ 234.00	\$ 702.00	\$ 163.74	\$ 491	\$ 1,193		
171		(2'-0"X4'-0"H) Casement Window W/Frame	3.0	0%	3.0	EA	\$ 280.00	\$ 840.00	\$ 232.00	\$ 696	\$ 1,536		
172		(2'-6"X5'-6"H) Casement Window W/Frame	12.0	0%	12.0	EA	\$ 357.50	\$ 4,290.00	\$ 250.16	\$ 3,002	\$ 7,292		
173		(2'-0"X5'-0"H) Casement Window W/Frame & Above (2x2) Transm	13.0	0%	13.0	EA	\$ 362.00	\$ 4,706.00	\$ 150.00	\$ 1,950	\$ 6,656		
174	A1.1-A1.3	(2'-0"X2'-6"H) Fixed Window W/Frame	14.0	0%	14.0	EA	\$ 145.00	\$ 2,030.00	\$ 101.46	\$ 1,420	\$ 3,450		
175		(2'-6"X5'-6"H) Fixed Window W/Frame	2.0	0%	2.0	EA	\$ 398.75	\$ 797.50	\$ 279.03	\$ 558	\$ 1,356		
176		(2'-0"X3'-0"H) Fixed Window W/Frame	1.0	0%	1.0	EA	\$ 662.00	\$ 662.00	\$ 181.00	\$ 181	\$ 843		
177		(4'-0"X5'-6"H) Fixed Window W/Frame	1.0	0%	1.0	EA	\$ 638.00	\$ 638.00	\$ 446.44	\$ 446	\$ 1,084		
178		(3'-0"X5'-0"H) Fixed Window W/Frame	1.0	0%	1.0	EA	\$ 700.00	\$ 700.00	\$ 202.00	\$ 202	\$ 902		
179		(1'-6"X7'-6"H) Fixed Window W/Frame	2.0	0%	2.0	EA	\$ 326.25	\$ 652.50	\$ 228.29	\$ 457	\$ 1,109		
180		(4'-0"X6'-0"H) PICT Window W/Frame	2.0	0%	2.0	EA	\$ 1,015.44	\$ 2,030.88	\$ 710.55	\$ 1,421	\$ 3,452		
181		(3'-0"X5'-6"H) PICT Window W/Frame	2.0	0%	2.0	EA	\$ 698.12	\$ 1,396.23	\$ 488.51	\$ 977	\$ 2,373		
182		(2'-0"X2'-0"H) Awning Window W/Frame	1.0	0%	1.0	EA	\$ 134.00	\$ 134.00	\$ 93.77	\$ 94	\$ 228		
183		(2'-0"X1'-6"H) Awning Window W/Frame	2.0	0%	2.0	EA	\$ 111.56	\$ 223.12	\$ 78.06	\$ 156	\$ 379		
184	A3.1	Attic & Skylight											
184		Attic Dimensions: 2'-6"x2'-6"	1.0	0%	1.0	EA	\$ 375.00	\$ 375.00	\$ 281.84	\$ 282	\$ 657		
185		2'-0"x2'-0" Skylight	1.0	0%	1.0	EA	\$ 235.41	\$ 235.41	\$ 172.61	\$ 173	\$ 408		
186		4'-0"x4'-0" Skylight	1.0	0%	1.0	EA	\$ 465.50	\$ 465.50	\$ 223.53	\$ 224	\$ 689		
09. FINISHES													\$367,217
187		Flooring											
187		Ceramic Tile	613.8	5%	644.5	SF	\$ 6.30	\$ 4,060.49	\$ 5.79	\$ 3,732	\$ 7,792		
188		Hard Wood Floor	5778.2	5%	6067.1	SF	\$ 6.57	\$ 39,861.12	\$ 5.67	\$ 34,401	\$ 74,262		
189		Sealed Concrete	1377.9	5%	1446.8	SF	\$ 0.52	\$ 752.31	\$ 1.50	\$ 2,170	\$ 2,922		
190		Base/Trim											
190		6" H Rubber Base	179.5	5%	188.5	LF	\$ 4.00	\$ 754.03	\$ 10.00	\$ 1,885	\$ 2,639		
191		6" H Tile Base	267.0	5%	280.3	LF	\$ 4.19	\$ 1,174.45	\$ 12.12	\$ 3,397	\$ 4,572		
192		6" H Wood Base	1137.7	5%	1194.6	LF	\$ 2.98	\$ 3,559.96	\$ 4.60	\$ 5,495	\$ 9,055		
193		Window Lintel Molding	176.0	5%	184.8	LF	\$ 3.10	\$ 572.88	\$ 4.00	\$ 739	\$ 1,312		
194		Window Sill @Interior	176.0	5%	184.8	LF	\$ 3.10	\$ 572.88	\$ 4.00	\$ 739	\$ 1,312		
195		Door Trim	263.0	5%	276.2	LF	\$ 1.85	\$ 510.88	\$ 3.20	\$ 884	\$ 1,395		
196		Drywall											
196		Interior Wall: 2X4 Wood Stud Wall (Wall Height=9')											
		1 Layer Of 5/8" Gypsum Wall Board At Both Sides	4740.0	5%	4977.0	SF	\$ 0.37	\$ 1,841.49	\$ 1.23	\$ 6,122	\$ 7,963		
		Number Of Sheets(Assume Size 4' X 8')	148.1										
		Screw	7110.0										
		Adhesive	148.1										
		Tapping	2079.8										
197		2X4 Wood Stud @ 16" O.C. (Wall Height=9')	1590.0	5%	1669.5	LF	\$ 0.80	\$ 1,330.55	\$ 1.95	\$ 3,252	\$ 4,583		
198		2X4 Wood Stud Top Runner	526.0	5%	552.3	LF	\$ 0.80	\$ 440.18	\$ 1.95	\$ 1,076	\$ 1,516		
199		2X4 Wood Stud Bottom Runner	263.0	5%	276.2	LF	\$ 0.80	\$ 220.99	\$ 1.95	\$ 538	\$ 758		
200		Sealant At Penetrations	1052.0	5%	1104.6	LF	\$ 0.20	\$ 220.92	\$ 0.45	\$ 497	\$ 718		
201		Interior Wall: 2X4 Wood Stud Wall (Wall Height=10')											
201		1 Layer Of 5/8" Gypsum Wall Board At Both Sides	5996.0	5%	6295.8	SF	\$ 0.37	\$ 2,329.45	\$ 1.23	\$ 7,744	\$ 10,073		
		Number Of Sheets(Assume Size 4' X 8')	187.4										
		Screw	8994.0										
		Adhesive	187.4										
		Tapping	2623.3										
202		2X4 Wood Stud @ 16" O.C. (Wall Height=9')	1812.5	5%	1903.1	LF	\$ 0.80	\$ 1,516.80	\$ 1.95	\$ 3,707	\$ 5,224		
203		2X4 Wood Stud Top Runner	600.0	5%	630.0	LF	\$ 0.80	\$ 502.11	\$ 1.95	\$ 1,227	\$ 1,729		
204		2X4 Wood Stud Bottom Runner	300.0	5%	315.0	LF	\$ 0.80	\$ 251.06	\$ 1.95	\$ 614	\$ 865		
205		Sealant At Penetrations	1200.0	5%	1260.0	LF	\$ 0.20	\$ 252.00	\$ 0.45	\$ 567	\$ 819		
206		Interior Wall: 2X6 Wood Stud Wall (Wall Height=9')											
206		1 Layer Of 5/8" Gypsum Wall Board At Both Sides	150.0	5%	157.5	SF	\$ 0.37	\$ 58.28	\$ 1.23	\$ 194	\$ 252		
		Number Of Sheets(Assume Size 4' X 8')	4.7										
		Screw	225.0										
		Adhesive	4.7										
		Tapping	65.6										
207		2X6 Wood Stud @ 16" O.C. (Wall Height=9')	56.1	5%	58.9	LF	\$ 1.21	\$ 71.54	\$ 2.19	\$ 129	\$ 201		
208		2X6 Wood Stud Top Runner	16.0	5%	16.8	LF	\$ 1.21	\$ 20.40	\$ 2.19	\$ 37	\$ 57		
209		2X6 Wood Stud Bottom Runner	8.0	5%	8.4	LF	\$ 1.21	\$ 10.20	\$ 2.19	\$ 18	\$ 29		
210		R-19 Batt Insulation	75.0	5%	78.8	SF	\$ 1.26	\$ 99.23	\$ 0.68	\$ 54	\$ 153		
211		Sealant At Penetrations	32.0	5%	33.6	LF	\$ 0.20	\$ 6.72	\$ 0.45	\$ 15	\$ 22		
212		Interior Wall: 2X10 Wood Stud Wall (Wall Height=10')											
212		1 Layer Of 5/8" Gypsum Wall Board At Both Sides	90.0	5%	94.5	SF	\$ 0.37	\$ 34.97	\$ 1.23	\$ 116	\$ 151		
		Number Of Sheets(Assume Size 4' X 8')	2.8										
		Screw	135.0										
		Adhesive	2.8										
		Tapping	39.4										
213		2X10 Wood Stud @ 16" O.C. (Wall Height=10')	38.1	5%	40.0	LF	\$ 2.20	\$ 87.95	\$ 3.35	\$ 134	\$ 222		
214		2X10 Wood Stud Top Runner	10.0	5%	10.5	LF	\$ 2.20	\$ 23.10	\$ 3.35	\$ 35	\$ 58		
215		2X10 Wood Stud Bottom Runner	5.0	5%	5.3	LF	\$ 2.20	\$ 11.55	\$ 3.35	\$ 18	\$ 29		
216		R-19 Batt Insulation	45.0	5%	47.3	SF	\$ 1.26	\$ 59.54	\$ 0.68	\$ 32	\$ 92		
217		Sealant At Penetrations	20.0	5%	21.0	LF	\$ 0.20	\$ 4.20	\$ 0.45	\$ 9	\$ 14		
218		Exterior Wall: 2X6 Wood Stud Wall (Wall Height=10')											
218		1 Layer Of 5/8" Gypsum Wall Board At One Side	4378.0	5%	4596.9	SF	\$ 0.37	\$ 1,700.85	\$ 1.23	\$ 5,654	\$ 7,355		
		Number Of Sheets(Assume Size 4' X 8')	136.8										
		Screw	6567.0										
		Adhesive	136.8										
		Tapping	1915.4										
219		1 Layer Of 1/2" Plywood Sheathing	4378.0	5%	4596.9	SF	\$ 1.60	\$ 7,355.04	\$ 2.50	\$ 11,492	\$ 18,847		
		Number Of Sheets(Assume Size 4' X 8')	136.8										
		Screw	6567.0										
		Adhesive	136.8										
		Tapping	1915.4										
220		2X6 Wood Stud @ 16" O.C. (Wall Height=10')	4447.1	5%	4669.5	LF	\$ 1.21	\$ 5,668.72	\$ 2.19	\$ 10,245	\$ 15,913		
221		2X6 Wood Stud Top Runner	1476.0	5%	1549.8	LF	\$ 1.21	\$ 1,881.46	\$ 2.19	\$ 3,400	\$ 5,282		
222		2X6 Wood Stud Bottom Runner	738.0	5%	774.9	LF	\$ 1.21	\$ 940.73	\$ 2.19	\$ 1,700	\$ 2,641		
223		R-19 Batt Insulation	2006.0	5%	2106.3	SF	\$ 1.26	\$ 2,653.94	\$ 0.68	\$ 1,432	\$ 4,086		
224		2 Layers Of Building Paper	8756.0	5%	9193.8	SF	\$ 0.30	\$ 2,758.14	\$ 0.71	\$ 6,528	\$ 9,286		
225		Exterior Wall: 2X6 Wood Stud Wall (Wall Height=9')											
225		1 Layer Of 5/8" Gypsum Wall Board At One Side	2303.0	5%	2418.2	SF	\$ 0.37	\$ 894.72	\$ 1.23	\$ 2,974	\$ 3,869		
		Number Of Sheets(Assume Size 4' X 8')	72.0										
		Screw	3454.5										
		Adhesive	72.0										
		Tapping	1007.6										
226		1 Layer Of 1/2" Plywood Sheathing	2303.0	5%	2418.2	SF	\$ 1.60	\$ 3,869.04	\$ 2.50	\$ 6,045	\$ 9,914		
		Number Of Sheets(Assume Size 4' X 8')	72.0										
		Screw	3454.5										
		Adhesive	72.0										
		Tapping	1007.6										
227		2X6 Wood Stud @ 16" O.C. (Wall Height=10')	1547.8	5%	1625.2	LF	\$ 1.21	\$ 1,973.04	\$ 2.19	\$ 3,566	\$ 5,539		
228		2X6 Wood Stud Top Runner	512.0	5%	537.6	LF	\$ 1.21	\$ 652.65	\$ 2.19	\$ 1,179	\$ 1,832		
229		2X6 Wood Stud Bottom Runner	256.0	5%	268.8	LF	\$ 1.21	\$ 326.32	\$ 2.19	\$ 590	\$ 916		

SF #	REFERENCE	DESCRIPTION	QUANTITY	WASTAGE	TOTAL QTY	UNIT	COST/UNIT	TOTAL	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
230		R-19 Batt Insulation	230.0	5%	2418.2	SF	\$ 1.26	\$ 3,046.87	\$ 0.68	\$ 1,644	\$ 4,691		
231		2 Layers Of Building Paper	4606.0	5%	4836.3	SF	\$ 0.30	\$ 1,450.89	\$ 0.71	\$ 3,434	\$ 4,885		
		Exterior Wall: 2X6 Wood Stud Wall (Wall Height=11'-6")											
232		1 Layer Of 5/8" Gypsum Wall Board At One Side	970.0	5%	1018.5	SF	\$ 0.37	\$ 376.85	\$ 1.23	\$ 1,253	\$ 1,630		
		Number Of Sheets(Assume Size 4' X 8')	30.3										
		Screw	1455.0										
		Adhesive	30.3										
		Tapping	424.4										
233		1 Layer Of 1/2" Plywood Sheathing	970.0	5%	1018.5	SF	\$ 1.60	\$ 1,629.60	\$ 2.50	\$ 2,546	\$ 4,176		
		Number Of Sheets(Assume Size 4' X 8')	30.3										
		Screw	1455.0										
		Adhesive	30.3										
		Tapping	424.4										
234		2X6 Wood Stud @ 16" O.C. (Wall Height=10')	513.3	5%	538.9	LF	\$ 1.21	\$ 654.26	\$ 2.19	\$ 1,182	\$ 1,837		
235		2X6 Wood Stud Top Runner	168.0	5%	176.4	LF	\$ 1.21	\$ 214.15	\$ 2.19	\$ 387	\$ 601		
236		2X6 Wood Stud Bottom Runner	84.0	5%	88.2	LF	\$ 1.21	\$ 107.07	\$ 2.19	\$ 194	\$ 301		
237		R-19 Batt Insulation	970.0	5%	1018.5	SF	\$ 1.26	\$ 1,283.31	\$ 0.68	\$ 693	\$ 1,976		
238		2 Layers Of Building Paper	1940.0	5%	2037.0	SF	\$ 0.30	\$ 611.10	\$ 0.71	\$ 1,446	\$ 2,057		
		Exterior Wall: 2X10 Wood Stud Wall (Wall Height=3'-6")											
239		1 Layer Of 1/2" Plywood Sheathing on Both Sides	176.0	5%	184.8	SF	\$ 1.60	\$ 295.68	\$ 2.50	\$ 462	\$ 758		
		Number Of Sheets(Assume Size 4' X 8')	5.5										
		Screw	264.0										
		Adhesive	5.5										
		Tapping	77.0										
240		2X10 Wood Stud @ 16" O.C. (Wall Height=10')	158.4	5%	166.3	LF	\$ 2.20	\$ 365.85	\$ 3.35	\$ 557	\$ 923		
241		2X10 Wood Stud Top Runner	50.0	5%	52.5	LF	\$ 2.20	\$ 115.50	\$ 3.35	\$ 176	\$ 291		
242		2X10 Wood Stud Bottom Runner	25.0	5%	26.3	LF	\$ 2.20	\$ 57.75	\$ 3.35	\$ 88	\$ 146		
243		R-19 Batt Insulation	88.0	5%	92.4	SF	\$ 1.26	\$ 116.42	\$ 0.68	\$ 63	\$ 179		
244		2 Layers Of Building Paper	176.0	5%	184.8	SF	\$ 0.30	\$ 55.44	\$ 0.71	\$ 131	\$ 187		
245		Sealant At Penetrations	100.0	5%	105.0	LF	\$ 0.20	\$ 21.00	\$ 0.45	\$ 47	\$ 68		
		Exterior Wall: 2X4 Wood Stud Wall (Wall Height=10')											
246		1 Layer Of 5/8" Gypsum Wall Board At One Side	97.0	5%	101.9	SF	\$ 0.37	\$ 37.68	\$ 1.23	\$ 125	\$ 163		
		Number Of Sheets(Assume Size 4' X 8')	3.0										
		Screw	145.5										
		Adhesive	3.0										
		Tapping	42.4										
247		1 Layer Of 1/2" Plywood Sheathing	97.0	5%	101.9	SF	\$ 1.60	\$ 162.96	\$ 2.50	\$ 255	\$ 418		
		Number Of Sheets(Assume Size 4' X 8')	3.0										
		Screw	145.5										
		Adhesive	3.0										
		Tapping	42.4										
248		2X4 Wood Stud @ 16" O.C. (Wall Height=10')	83.1	5%	87.2	LF	\$ 0.80	\$ 69.53	\$ 1.95	\$ 170	\$ 239		
249		2X4 Wood Stud Top Runner	19.4	5%	20.4	LF	\$ 0.80	\$ 16.27	\$ 1.95	\$ 40	\$ 56		
250		2X4 Wood Stud Bottom Runner	9.7	5%	10.2	LF	\$ 0.80	\$ 8.13	\$ 1.95	\$ 20	\$ 28		
251		R-19 Batt Insulation	97.0	5%	101.9	SF	\$ 1.26	\$ 128.33	\$ 0.68	\$ 69	\$ 198		
252		2 Layers Of Building Paper	194.0	5%	203.7	SF	\$ 0.30	\$ 61.11	\$ 0.71	\$ 145	\$ 206		
253		Sealant At Penetrations	38.9	5%	40.8	LF	\$ 0.20	\$ 8.16	\$ 0.45	\$ 18	\$ 27		
		Ceiling											
254		1 Layer Of 5/8" Gypsum Wall Board Ceiling	7770.0	5%	8158.5	SF	\$ 0.37	\$ 3,018.65	\$ 1.23	\$ 10,035	\$ 13,054		
		Number Of Sheets(Assume Size 4' X 8')	242.8										
		Screw	11655.0										
		Adhesive	242.8										
		Tapping	3399.4										
255		Paint On Gypsum Wall Board Ceiling	7770.0	5%	8158.5	SF	\$ 0.25	\$ 2,039.63	\$ 1.02	\$ 8,322	\$ 10,361		
		Wall Tiles											
256		Ceramic Wall Tiles On Bathroom Walls	2536.5	5%	2663.3	SF	\$ 4.12	\$ 10,972.90	\$ 8.98	\$ 23,917	\$ 34,890		
		Wall Paint											
257		Paint On Gypsum Board Finishes Interior Walls (1 Coat Primer And 2 Coat Paint Finish)	10968.0	5%	11516.4	SF	\$ 0.25	\$ 2,879.10	\$ 1.02	\$ 11,747	\$ 14,626		
		Exterior											
258		Color Coat Over Existing Stucco	1228.5	5%	1289.9	SF	\$ 0.68	\$ 877.14	\$ 2.33	\$ 3,004	\$ 3,881		
259		Replace Wood Siding W/ Stucco	56.3	5%	59.1	SF	\$ 3.75	\$ 221.68	\$ 9.70	\$ 574	\$ 795		
260		Stucco Over Existing brick Chimney	32.3	5%	34.0	LF	\$ 0.35	\$ 12.00	\$ 3.42	\$ 116	\$ 128		
261		Stucco Over paper Backed Wire mesh	5495.3	5%	5770.1	SF	\$ 0.35	\$ 2,038.76	\$ 3.43	\$ 19,791	\$ 21,830		
262		2x8 Fascia Board	691.0	5%	725.6	SF	\$ 1.80	\$ 1,305.99	\$ 6.00	\$ 4,353	\$ 5,659		
263		Paint On Door Casings	263.2	5%	276.4	LF	\$ 0.58	\$ 160.29	\$ 1.64	\$ 453	\$ 614		
264		Window Sill	108.8	5%	114.3	SF	\$ 3.10	\$ 354.21	\$ 6.00	\$ 686	\$ 1,040		
265		Window Trim	694.2	5%	728.9	SF	\$ 1.85	\$ 1,348.39	\$ 3.20	\$ 2,332	\$ 3,681		
		Miscellaneous Finishes											
266		Paint On Door Casings	263.0	5%	276.2	LF	\$ 0.58	\$ 160.17	\$ 1.64	\$ 453	\$ 613		
267		Paint On Wood Doors	42.0	0%	42.0	EA	\$ 24.00	\$ 1,008.00	\$ 65.00	\$ 2,730	\$ 3,738		
10. SPECIALITIES													\$19,023
		Toilet Accessories											
268		18" Grab Bar	7.0	0%	7.0	EA	\$ 12.00	\$ 84.00	\$ 34.00	\$ 238	\$ 322		
269		24" Grab Bar	7.0	0%	7.0	EA	\$ 14.00	\$ 98.00	\$ 36.00	\$ 252	\$ 350		
270		36" Grab Bar	7.0	0%	7.0	EA	\$ 14.00	\$ 98.00	\$ 42.00	\$ 294	\$ 392		
271	A1.1-A1.3	Tissue Paper Dispenser	7.0	0%	7.0	EA	\$ 32.00	\$ 224.00	\$ 35.00	\$ 245	\$ 469		
272		Soap Dispenser	7.0	0%	7.0	EA	\$ 176.00	\$ 1,232.00	\$ 95.00	\$ 665	\$ 1,897		
273		Paper Towel Dispenser	7.0	0%	7.0	EA	\$ 69.00	\$ 483.00	\$ 86.00	\$ 602	\$ 1,085		
274		Shower Enclosure	4.0	0%	4.0	EA	\$ 1,071.00	\$ 4,284.00	\$ 414.00	\$ 1,656	\$ 5,940		
275		3'-0" Wide Mirror	8.0	0%	8.0	EA	\$ 175.00	\$ 1,400.00	\$ 120.00	\$ 960	\$ 2,360		
		FirePlace											
276		FirePlace	2.0	0%	2.0	EA	\$ 1,767.00	\$ 3,534.00	\$ 778.00	\$ 1,556	\$ 5,090		
277		Metal Chimney Shroud	2.0	0%	2.0	EA	\$ 519.00	\$ 1,038.00	\$ 40.00	\$ 80	\$ 1,118		
11. EQUIPMENTS													\$27,264
		Equipment											
278		Washing Machine	1.0	0%	1.0	EA	\$ 928.00	\$ 928.00	\$ 414.00	\$ 414	\$ 1,342		
279		Dryer	1.0	0%	1.0	EA	\$ 969.00	\$ 969.00	\$ 424.00	\$ 424	\$ 1,393		
280		Dishwasher	3.0	0%	3.0	EA	\$ 571.00	\$ 1,713.00	\$ 523.00	\$ 1,569	\$ 3,282		
281		Cooking Range	1.0	0%	1.0	EA	\$ 2,193.00	\$ 2,193.00	\$ 655.00	\$ 655	\$ 2,848		
282	A1.1-A1.3	Refrigerator	6.0	0%	6.0	EA	\$ 1,249.00	\$ 7,494.00	\$ 382.00	\$ 2,292	\$ 9,786		
283		Freezer	1.0	0%	1.0	EA	\$ 1,311.00	\$ 1,311.00	\$ 395.00	\$ 395	\$ 1,706		
284		Ice Maker	1.0	0%	1.0	EA	\$ 645.00	\$ 645.00	\$ 708.00	\$ 708	\$ 1,353		
285		Range/Oven Combination	1.0	0%	1.0	EA	\$ 2,332.00	\$ 2,332.00	\$ 310.61	\$ 311	\$ 2,643		
286		Microwave	2.0	0%	2.0	EA	\$ 519.00	\$ 1,038.00	\$ 520.00	\$ 1,040	\$ 2,078		
287		Oven	1.0	0%	1.0	EA	\$ 520.00	\$ 520.00	\$ 313.00	\$ 313	\$ 833		
12. FURNISHINGS													\$60,678
		Countertop And Backsplash											
288		Kitchen Countertop (No. Of Sink And Faucet Opening=1)	170.0	5%	178.5	SF	\$ 77.00	\$ 13,744.50	\$ 86.00	\$ 15,351	\$ 29,096		
289		Bathroom Countertop (No. Of Sink And Faucet Opening=8)	66.0	5%	69.3	SF	\$ 77.00	\$ 5,336.10	\$ 86.00	\$ 5,960	\$ 11,296		
290		Laundry Countertop (No. Of Sink And Faucet Opening=1)	28.0	5%	29.4	SF	\$ 77.00	\$ 2,263.80	\$ 86.00	\$ 2,528	\$ 4,792		
291	A1.1-A1.3	Bar Countertop (No. Of Sink And Faucet Opening=1)	47.3	5%	49.7	SF	\$ 77.00	\$ 3,824.21	\$ 86.00	\$ 4,271	\$ 8,095		
292		Craft Room Countertop (No. Of Sink And Faucet Opening=1)	26.8	5%	28.1	SF	\$ 77.00	\$ 2,166.78	\$ 86.00	\$ 2,420	\$ 4,587		
293		4" High Bathroom Backsplash	35.0	5%	36.8	LF	\$ 18.00	\$ 661.50	\$ 8.00	\$ 294	\$ 956		
294		4" High Kitchen Backsplash	44.0	5%	46.								

SF #	REFERENCE	DESCRIPTION	QUANTITY	WASTAGE	TOTAL QTY	UNIT	COST/UNIT	TOTAL	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
22. PLUMBING												\$246,216	
Plumbing Pipes													
298		1/2" Dia Cold Water Pipe	210	5%	220	LF	\$ 2.45	\$ 539.17	\$ 13.68	\$ 3,011	\$ 3,550		
299		3/4" Dia Cold Water Pipe	234	5%	246	LF	\$ 2.96	\$ 727.79	\$ 14.62	\$ 3,595	\$ 4,323		
300		1" Dia Cold Water Pipe	25	5%	26	LF	\$ 3.46	\$ 90.69	\$ 16.33	\$ 428	\$ 519		
301		1-1/4" Dia Cold Water Pipe	51	5%	53	LF	\$ 10.43	\$ 555.21	\$ 19.83	\$ 1,056	\$ 1,611		
302		1-1/2" Dia Cold Water Pipe	56	5%	59	LF	\$ 11.00	\$ 649.88	\$ 20.00	\$ 1,182	\$ 1,831		
303		2" Dia Cold Water Pipe	127	5%	133	LF	\$ 11.21	\$ 1,490.52	\$ 26.99	\$ 3,589	\$ 5,079		
304		1/2" Dia Hot Water Pipe	190	5%	200	LF	\$ 2.45	\$ 489.60	\$ 13.68	\$ 2,734	\$ 3,223		
305		3/4" Dia Hot Water Pipe	162	5%	170	LF	\$ 2.96	\$ 502.48	\$ 14.62	\$ 2,482	\$ 2,984		
306		1" Dia Hot Water Pipe	31	5%	32	LF	\$ 3.46	\$ 111.93	\$ 16.33	\$ 528	\$ 640		
307		1-1/4" Dia Hot Water Pipe	37	5%	38	LF	\$ 10.43	\$ 401.43	\$ 19.83	\$ 763	\$ 1,165		
308		1-1/2" Dia Hot Water Pipe	56	5%	59	LF	\$ 11.00	\$ 643.83	\$ 20.00	\$ 1,171	\$ 1,814		
309		2" Dia Hot Water Pipe	102	5%	108	LF	\$ 11.21	\$ 1,206.45	\$ 26.99	\$ 2,905	\$ 4,111		
310		3/4" Dia Hot Water Return Pipe	29	5%	30	LF	\$ 2.96	\$ 88.68	\$ 14.62	\$ 438	\$ 527		
311		1/2" Dia Gas Pipe	6	5%	6	LF	\$ 2.45	\$ 15.25	\$ 13.68	\$ 85	\$ 100		
312		3/4" Dia Gas Pipe	42	5%	44	LF	\$ 2.96	\$ 130.98	\$ 14.62	\$ 647	\$ 778		
313		1" Dia Gas Pipe	65	5%	69	LF	\$ 3.46	\$ 237.43	\$ 16.33	\$ 1,121	\$ 1,358		
314		1-1/2" Dia Gas Pipe	21	5%	22	LF	\$ 11.00	\$ 239.40	\$ 20.00	\$ 435	\$ 577		
315		1-1/4" Dia Gas Pipe	89	5%	94	LF	\$ 10.43	\$ 976.59	\$ 19.83	\$ 1,857	\$ 2,833		
316		2" Dia Gas Pipe	60	5%	63	LF	\$ 11.21	\$ 700.71	\$ 26.99	\$ 1,687	\$ 2,388		
317		2-1/2" Dia Gas Pipe	52	5%	54	LF	\$ 15.45	\$ 836.56	\$ 33.14	\$ 1,794	\$ 2,631		
318		2" Dia Storm Drain Pipe	4	5%	5	LF	\$ 11.21	\$ 51.51	\$ 26.99	\$ 124	\$ 176		
319		1-1/2" Dia Vent Pipe	384	5%	403	LF	\$ 6.19	\$ 2,494.96	\$ 21.49	\$ 8,662	\$ 11,157		
320		2" Dia Vent Pipe	143	5%	151	LF	\$ 11.21	\$ 1,688.68	\$ 26.99	\$ 4,066	\$ 5,754		
321		2" Dia Waste Pipe	284	5%	298	LF	\$ 11.21	\$ 3,344.69	\$ 26.99	\$ 8,053	\$ 11,398		
322		3" Dia Waste Pipe	266	5%	279	LF	\$ 44.85	\$ 12,527.74	\$ 39.82	\$ 11,123	\$ 23,650		
323		4" Dia Waste Pipe	61	5%	64	LF	\$ 39.98	\$ 2,561.98	\$ 54.30	\$ 3,480	\$ 6,042		
324		3" Dia Sanitary Pipe	22	5%	23	LF	\$ 44.85	\$ 1,031.47	\$ 39.82	\$ 916	\$ 1,947		
325		4" Dia Sanitary Pipe	168	5%	176	LF	\$ 39.98	\$ 7,038.49	\$ 54.30	\$ 9,560	\$ 16,598		
326		3" Dia Storm Drain Pipe	3	5%	3	LF	\$ 44.85	\$ 140.01	\$ 39.82	\$ 124	\$ 264		
327		4" Dia Storm Drain Pipe	37	5%	38	LF	\$ 39.98	\$ 1,538.78	\$ 54.30	\$ 2,090	\$ 3,629		
328		3" Dia Overflow Drain Pipe	119	5%	125	LF	\$ 44.85	\$ 5,592.89	\$ 39.82	\$ 4,966	\$ 10,559		
329		3" Dia Roof Drain Pipe	56	5%	58	LF	\$ 44.85	\$ 2,614.15	\$ 39.82	\$ 2,321	\$ 4,935		
330		3/4" Dia Condensate Drain Pipe	20	5%	21	LF	\$ 3.10	\$ 64.12	\$ 25.52	\$ 528	\$ 592		
331		Trap Primer Pipe	3	5%	3	LF	\$ 2.68	\$ 7.05	\$ 12.08	\$ 32	\$ 39		
332		4" Dia Perforated Pipe With Gravel Wrapped French Drain	200	5%	210	LF	\$ 6.88	\$ 1,443.99	\$ 25.13	\$ 5,275	\$ 6,719		
Plumbing Fixtures													
333		Trench Drain	11	0%	11	EA	\$ 1,145.00	\$ 12,595.00	\$ 367	\$ 4,037	\$ 16,632		
334		1-1/2" Vtr, Vent Through Roof Fixture	4	0%	4	EA	\$ 58.00	\$ 232.00	\$ 30.00	\$ 120	\$ 352		
335		2" Vtr, Vent Through Roof Fixture	6	0%	6	EA	\$ 85.00	\$ 510.00	\$ 42.00	\$ 252	\$ 762		
336		3" Roof Drain	2	0%	2	EA	\$ 52.39	\$ 104.78	\$ 160.09	\$ 320	\$ 425		
337		3" Overflow Roof Drain	2	0%	2	EA	\$ 52.39	\$ 104.78	\$ 181.26	\$ 363	\$ 467		
338		Ground Cleanout	2	0%	2	EA	\$ 440.00	\$ 880.00	\$ 147.00	\$ 294	\$ 1,174		
339		Wall Cleanout	7	0%	7	EA	\$ 440.00	\$ 3,080.00	\$ 147.00	\$ 1,029	\$ 4,109		
340		Water Heater	4	0%	4	EA	\$ 2,356.00	\$ 9,424.00	\$ 1,178.00	\$ 4,712	\$ 14,136		
341		Wc-1, Water Closet, Flush Tank	7	0%	7	EA	\$ 434.00	\$ 3,038.00	\$ 408.00	\$ 2,856	\$ 5,894		
342		Bathtub Or Tub-Showered Combo	3	0%	3	EA	\$ 1,581.00	\$ 4,743.00	\$ 1,891.00	\$ 5,673	\$ 10,416		
343		Lavatory	8	0%	8	EA	\$ 395.00	\$ 3,160.00	\$ 343.00	\$ 2,744	\$ 5,904		
344		Prep. Sink	1	0%	1	EA	\$ 686.00	\$ 686.00	\$ 416.00	\$ 416	\$ 1,102		
345		Bar Sink	5	0%	5	EA	\$ 686.00	\$ 3,430.00	\$ 416.00	\$ 2,080	\$ 5,510		
346		Pot Filler	1	0%	1	EA	\$ 164.00	\$ 164.00	\$ 479.10	\$ 479	\$ 643		
347		Floor Sink	1	0%	1	EA	\$ 686.00	\$ 686.00	\$ 416.00	\$ 416	\$ 1,102		
348		Hub Drain	1	0%	1	EA	\$ 31.98	\$ 31.98	\$ 190.83	\$ 191	\$ 223		
349		Hose Bib	11	0%	11	EA	\$ 56.00	\$ 616.00	\$ 40	\$ 440	\$ 1,056		
Plumbing Valves													
350		1/2" Dia Gas Shutoff Valve	2	0%	2	EA	\$ 10.56	\$ 21.12	\$ 127.60	\$ 255	\$ 276		
351		3/4" Dia Gas Shutoff Valve	5	0%	5	EA	\$ 74.00	\$ 370.00	\$ 58.00	\$ 290	\$ 660		
352		1-1/4" Dia Gas Shutoff Valve	2	0%	2	EA	\$ 196.00	\$ 392.00	\$ 86.00	\$ 172	\$ 564		
353		1" Dia Gas Shutoff Valve	3	0%	3	EA	\$ 79.00	\$ 237.00	\$ 61.00	\$ 183	\$ 420		
354		1-1/4" Dia Shutoff Valve	11	0%	11	EA	\$ 196.00	\$ 2,156.00	\$ 86.00	\$ 946	\$ 3,102		
355		2" Dia Shutoff Valve	3	0%	3	EA	\$ 1,511.00	\$ 4,533.00	\$ 301.00	\$ 903	\$ 5,436		
356		2-1/2" Dia Gas Shutoff Valve	1	0%	1	EA	\$ 196.00	\$ 196.00	\$ 86.00	\$ 86	\$ 282		
357		1" Dia Shutoff Valve	1	0%	1	EA	\$ 79.00	\$ 79.00	\$ 61.00	\$ 61	\$ 140		
358		1-1/2" Dia Ball Valve	2	0%	2	EA	\$ 95.00	\$ 190.00	\$ 106.00	\$ 212	\$ 402		
359		1-1/2" Dia Check Valve	2	0%	2	EA	\$ 95.00	\$ 190.00	\$ 106.00	\$ 212	\$ 402		
360		Utility Gas Shutoff Valve	1	0%	1	EA	\$ 31.14	\$ 31.14	\$ 150.81	\$ 151	\$ 182		
361		Temperature And Pressure Relief Valve	2	0%	2	EA	\$ 425.00	\$ 850.00	\$ 89.00	\$ 178	\$ 1,028		
Plumbing Devices													
362		Pressure Reducing Valve	1	0%	1	EA	\$ 70.36	\$ 70.36	\$ 181.26	\$ 181	\$ 252		
363		Gas Meter	1	0%	1	EA	\$ 296.00	\$ 296.00	\$ 118	\$ 118	\$ 414		
364		Gas Step-Down Regulator	2	0%	2	EA	\$ 191.69	\$ 383.38	\$ 223.31	\$ 447	\$ 830		
365		Sediment Trap	5	0%	5	EA	\$ 52.62	\$ 263.10	\$ 202.43	\$ 1,012	\$ 1,275		
366		Trap Primer	1	0%	1	EA	\$ 76.00	\$ 76.00	\$ 147	\$ 147	\$ 223		
Equipment													
367		Twh-1, Gas-Fired Tankless Water Heater, Manufacturer: Navien, Model No: Npe-2405	2	0%	2	EA	\$ 1,630.00	\$ 3,260.00	\$ 656.87	\$ 1,314	\$ 4,574		
368		Et-1, Expansion Tank, Manufacturer: Amtrol, Model No: Therm-X-Trol St-1	1	0%	1	EA	\$ 858.00	\$ 858.00	\$ 204.00	\$ 204	\$ 1,062		
369		Cp-1, Circulation Pump, Manufacturer: Grundfos, Model No: Up 15-29 Su	1	0%	1	EA	\$ 2,388.00	\$ 2,388.00	\$ 735	\$ 735	\$ 3,123		
370		Se-1, Duplex Sewage Ejector, Manufacturer: Barnes, Model No: 35ev524Ds - 4" Impeller	1	0%	1	EA	\$ 1,555.03	\$ 1,555.03	\$ 537.10	\$ 537	\$ 2,092		
371		Se-2, Duplex Sewage Ejector, Manufacturer: Barnes, Model No: 35ev524Ds - 4" Impeller	1	0%	1	EA	\$ 1,555.03	\$ 1,555.03	\$ 537.10	\$ 537	\$ 2,092		
372		Sp-1, Simplex Sump Pump, Manufacturer: Barnes, Model No: 35ev524Ds - 4" Impeller	1	0%	1	EA	\$ 1,370.15	\$ 1,370.15	\$ 508.10	\$ 508	\$ 1,878		
23. HEATING, VENTILATING AND AIR CONDITIONING												\$174,620	
Ductwork													
373		4" Dia Round Ductwork	70	5%	74	LF	\$ 2.26	\$ 166.11	\$ 3.60	\$ 265	\$ 431		
374		6" Dia Round Ductwork	150	5%	158	LF	\$ 1.96	\$ 308.70	\$ 4.63	\$ 739	\$ 1,038		
375		5" Dia Round Flexible Ductwork	5	5%	5	LF	\$ 7.56	\$ 37.68	\$ 54.76	\$ 273	\$ 311		
376		6" Dia Round Flexible Ductwork	74	5%	78	LF	\$ 1.96	\$ 152.13	\$ 4.63	\$ 359	\$ 511		
377		7" Dia Round Flexible Ductwork	136	5%	143	LF	\$ 11.16	\$ 1,597.28	\$ 81.27	\$ 11,632	\$ 13,229		
378		8" Dia Round Flexible Ductwork	117	5%	123	LF	\$ 4.22	\$ 519.79	\$ 6.12	\$ 754	\$ 1,274		
379		9" Dia Round Flexible Ductwork	101	5%	106	LF	\$ 13.56	\$ 1,440.71	\$ 98.75	\$ 10,492	\$ 11,933		
380		10" Dia Round Flexible Ductwork	105	5%	110	LF	\$ 14.58	\$ 1,607.00	\$ 106.18	\$ 11,703	\$ 13,310		
381		12" Dia Round Flexible Ductwork	108	5%	113	LF	\$ 17.48	\$ 1,980.45	\$ 127.30	\$ 14,423	\$ 16,403		
382		14" Dia Round Flexible Ductwork	69	5%	72	LF	\$ 22.52	\$ 1,632.12	\$ 164.00	\$ 11,886	\$ 13,518		
383		16" Dia Round Flexible Ductwork	41	5%	43	LF	\$ 29.24	\$ 1,253.07	\$ 212.94	\$ 9,125	\$ 10,379		
384		18" Dia Round Flexible Ductwork	34	5%	35	LF	\$ 32.22	\$ 1,142.30	\$ 234.64	\$ 8,319	\$ 9,461		
385		14" X 8" Rectangular Ductwork	5	5%	5	LF	\$ 22.80	\$ 119.70	\$ 166.04	\$ 872	\$ 991		
386		14" X 10" Rectangular Ductwork	48	5%	50	LF	\$ 8						

SF #	REFERENCE	DESCRIPTION	QUANTITY	WASTAGE	TOTAL QTY	UNIT	COST/UNIT	TOTAL	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
397		10" X 6" Ceiling Supply Grille, Cfm: 74	1	0%		1	EA \$ 67.50	\$ 67.50	\$ 314.60	\$ 315	\$ 382		
398		10" X 6" Ceiling Supply Grille, Cfm: 82	1	0%		1	EA \$ 67.50	\$ 67.50	\$ 314.60	\$ 315	\$ 382		
399		10" X 6" Ceiling Supply Grille, Cfm: 86	1	0%		1	EA \$ 67.50	\$ 67.50	\$ 314.60	\$ 315	\$ 382		
400		10" X 6" Ceiling Supply Grille, Cfm: 87	1	0%		1	EA \$ 67.50	\$ 67.50	\$ 314.60	\$ 315	\$ 382		
401		10" X 6" Ceiling Supply Grille, Cfm: 95	1	0%		1	EA \$ 67.50	\$ 67.50	\$ 314.60	\$ 315	\$ 382		
402		10" X 6" Ceiling Supply Grille, Cfm: 98	1	0%		1	EA \$ 67.50	\$ 67.50	\$ 314.60	\$ 315	\$ 382		
403		10" X 6" Ceiling Supply Grille, Cfm: 99	2	0%		2	EA \$ 67.50	\$ 135.00	\$ 314.60	\$ 629	\$ 764		
404		12" X 6" Ceiling Supply Grille, Cfm: 100	1	0%		1	EA \$ 90.00	\$ 90.00	\$ 419.47	\$ 419	\$ 509		
405		12" X 6" Ceiling Supply Grille, Cfm: 101	1	0%		1	EA \$ 90.00	\$ 90.00	\$ 419.47	\$ 419	\$ 509		
406		12" X 6" Ceiling Supply Grille, Cfm: 111	2	0%		2	EA \$ 90.00	\$ 180.00	\$ 419.47	\$ 839	\$ 1,019		
407		12" X 6" Ceiling Supply Grille, Cfm: 120	2	0%		2	EA \$ 90.00	\$ 180.00	\$ 419.47	\$ 839	\$ 1,019		
408		12" X 6" Ceiling Supply Grille, Cfm: 122	1	0%		1	EA \$ 90.00	\$ 90.00	\$ 419.47	\$ 419	\$ 509		
409		12" X 6" Ceiling Supply Grille, Cfm: 129	2	0%		2	EA \$ 90.00	\$ 180.00	\$ 419.47	\$ 839	\$ 1,019		
410		12" X 6" Ceiling Supply Grille, Cfm: 132	2	0%		2	EA \$ 90.00	\$ 180.00	\$ 419.47	\$ 839	\$ 1,019		
411		12" X 6" Ceiling Supply Grille, Cfm: 135	1	0%		1	EA \$ 90.00	\$ 90.00	\$ 419.47	\$ 419	\$ 509		
412		12" X 6" Ceiling Supply Grille, Cfm: 138	2	0%		2	EA \$ 90.00	\$ 180.00	\$ 419.47	\$ 839	\$ 1,019		
413		14" X 6" Ceiling Supply Grille, Cfm: 157	1	0%		1	EA \$ 141.30	\$ 141.30	\$ 658.57	\$ 659	\$ 800		
414		14" X 6" Ceiling Supply Grille, Cfm: 159	2	0%		2	EA \$ 141.30	\$ 282.60	\$ 658.57	\$ 1,317	\$ 1,600		
415		14" X 6" Ceiling Supply Grille, Cfm: 173	2	0%		2	EA \$ 141.30	\$ 282.60	\$ 658.57	\$ 1,317	\$ 1,600		
416		14" X 6" Ceiling Supply Grille, Cfm: 175	3	0%		3	EA \$ 141.30	\$ 423.90	\$ 658.57	\$ 1,976	\$ 2,400		
417		14" X 6" Ceiling Supply Grille, Cfm: 190	1	0%		1	EA \$ 141.30	\$ 141.30	\$ 658.57	\$ 659	\$ 800		
418		12" X 6" Ceiling Supply Grille, Cfm: 143	5	0%		5	EA \$ 90.00	\$ 450.00	\$ 419.47	\$ 2,097	\$ 2,547		
419		10" X 6" Side Wall Supply Grille, Cfm: 57	1	0%		1	EA \$ 56.07	\$ 56.07	\$ 261.33	\$ 261	\$ 317		
420		12" X 6" Sidewall Supply Grille, Cfm: 146	1	0%		1	EA \$ 131.40	\$ 131.40	\$ 612.43	\$ 612	\$ 744		
421		12" X 6" Sidewall Supply Grille, Cfm: 148	2	0%		2	EA \$ 131.40	\$ 262.80	\$ 612.43	\$ 1,225	\$ 1,488		
422		12" X 8" Side Wall Supply Grille, Cfm: 183	2	0%		2	EA \$ 180.00	\$ 360.00	\$ 838.94	\$ 1,678	\$ 2,038		
423		20.5" X 32.5" Supply Air Grille	2	0%		2	EA \$ 78.66	\$ 157.32	\$ 366.62	\$ 733	\$ 891		
424		17" X 27" Supply Air Grille, Manufacturer: Reggio, Model No: Sc-1727	1	0%		1	EA \$ 343.95	\$ 343.95	\$ 613.19	\$ 613	\$ 957		
425		32.5" X 20.5" Supply Air Grille, Manufacturer: Reggio, Model No: Sc-2032	1	0%		1	EA \$ 485.66	\$ 485.66	\$ 686.30	\$ 686	\$ 1,172		
426		33" X 17" Supply Air Grille, Manufacturer: Reggio, Model No: Sc-3317	1	0%		1	EA \$ 107.80	\$ 107.80	\$ 502.43	\$ 502	\$ 610		
427		17" X 27" Return Air Grille, Manufacturer: Reggio, Model No: Sc-1727	1	0%		1	EA \$ 343.95	\$ 343.95	\$ 583.47	\$ 583	\$ 927		
428		32" X 32" Return Air Grille, Manufacturer: Reggio, Model No: Sc-3232	1	0%		1	EA \$ 367.00	\$ 367.00	\$ 597.75	\$ 598	\$ 965		
429		8" X 14" Transfer Air Grille, Manufacturer: Reggio, Model No: Sc-814	4	0%		4	EA \$ 112.30	\$ 449.20	\$ 523.41	\$ 2,094	\$ 2,543		
430		1'-0" X 2'-8" Exhaust Outlet	1	0%		1	EA \$ 63.40	\$ 63.40	\$ 295.49	\$ 295	\$ 359		
		Equipment											
431		EF-R, Exhaust Fan, Manufacturer: Airking, Model No: AK505, Cfm: 80	1	0%		1	EA \$ 108.00	\$ 108.00	\$ 124.00	\$ 124	\$ 232		
432		EF-B, Exhaust Fan, Manufacturer: Airking, Model No: E805h, Cfm: 80	2	0%		2	EA \$ 108.00	\$ 216.00	\$ 124.00	\$ 248	\$ 464		
433		EF-Mb, Exhaust Fan, Manufacturer: Airking, Model No: E1305h, Cfm: 130	1	0%		1	EA \$ 120.00	\$ 120.00	\$ 132.00	\$ 132	\$ 252		
434		EF-L, Exhaust Fan, Manufacturer: Airking, Model No: E1305, Cfm: 130	1	0%		1	EA \$ 120.00	\$ 120.00	\$ 132.00	\$ 132	\$ 252		
435		EF-S, Exhaust Fan, Manufacturer: Airking, Model No: Evhd, Cfm: 30-150	1	0%		1	EA \$ 120.00	\$ 120.00	\$ 132.00	\$ 132	\$ 252		
436		EF-M, Exhaust Fan, Manufacturer: Greenheck, Model No: Sp-A290, Cfm: 150	1	0%		1	EA \$ 120.00	\$ 120.00	\$ 132.00	\$ 132	\$ 252		
437		Ac-W, Wine Cellar Indoor Unit, Manufacturer: Whispercool, Model No: 400, Cfm: 321	1	0%		1	EA \$ 4,249.00	\$ 4,249.00	\$ 1,358.91	\$ 1,359	\$ 5,608		
438		Cu-W, Wine Cellar Outdoor Unit, Manufacturer: Whispercool, Hp: 1/3, Cooling: 3650Btu/hr	1	0%		1	EA \$ 4,249.00	\$ 4,249.00	\$ 1,358.91	\$ 1,359	\$ 5,608		
439		Fu-12, Gas Fired Forced Air Unit, Manufacturer: Mitsubishi, Model No: Pka-A12Nka7, Cfm: 320-425	1	0%		1	EA \$ 2,833.00	\$ 2,833.00	\$ 1,055.96	\$ 1,056	\$ 3,889		
440		Fu-32, Gas Fired Forced Air Unit, Manufacturer: Mitsubishi, Model No: 59SuSA060E17**16, Cfm: 1400	1	0%		1	EA \$ 2,833.00	\$ 2,833.00	\$ 1,055.96	\$ 1,056	\$ 3,889		
441		Fu-48, Gas Fired Forced Air Unit, Manufacturer: Mitsubishi, Model No: 59SuSA080E21**20, Cfm: 1600	1	0%		1	EA \$ 2,833.00	\$ 2,833.00	\$ 1,055.96	\$ 1,056	\$ 3,889		
442		Fu-60, Gas Fired Forced Air Unit, Manufacturer: Mitsubishi, Model No: 59SuSA100E21**22, Cfm: 2000	1	0%		1	EA \$ 2,833.00	\$ 2,833.00	\$ 1,055.96	\$ 1,056	\$ 3,889		
443		Cu-12, Condensing Unit, Manufacturer: Mitsubishi, Model No: Puy-A12Nka7, Load: 12000 Mbh	1	0%		1	EA \$ 1,154.00	\$ 1,154.00	\$ 1,074.00	\$ 1,074	\$ 2,228		
444		Cu-42, Condensing Unit, Manufacturer: Carrier, Model No: Ca16Nw043, Load: 40000 Mbh	1	0%		1	EA \$ 1,154.00	\$ 1,154.00	\$ 1,074.00	\$ 1,074	\$ 2,228		
445		Cu-48, Condensing Unit, Manufacturer: Carrier, Model No: Ca16Nw048, Load: 45500 Mbh	1	0%		1	EA \$ 1,154.00	\$ 1,154.00	\$ 1,074.00	\$ 1,074	\$ 2,228		
446		Cu-60, Condensing Unit, Manufacturer: Carrier, Model No: Ca16Nw061, Load: 57500 Mbh	1	0%		1	EA \$ 1,154.00	\$ 1,154.00	\$ 1,074.00	\$ 1,074	\$ 2,228		
		Miscellaneous											
447		Thermostat	5	0%		5	EA \$ 33.00	\$ 165.00	\$ 68.00	\$ 340	\$ 505		
		26. ELECTRICAL											
													\$182,913
		Allowances											
448		Allowance For Conduit And Conductors(107005F)	1	0%		1	LS \$ 4,280.00	\$ 4,280.00	\$ 5,457.54	\$ 5,458	\$ 9,738		
		Grounding											
449		1#4 Cu Grounding Conductor	90	10%	99	LF \$ 5.29	\$ 523.71	\$ 2.96	\$ 293	\$ 817			
450		1#6 Cu Telephone System Grounding Conductor	10	10%	11	LF \$ 3.60	\$ 39.60	\$ 2.55	\$ 28	\$ 68			
451		Metallic Piping Bonding Conductor	10	10%	11	LF \$ 2.88	\$ 31.68	\$ 5.10	\$ 56	\$ 88			
452		Multiple Service Bonding Conductor	10	10%	11	LF \$ 0.98	\$ 10.73	\$ 4.08	\$ 45	\$ 56			
453		Building Steel Bonding Conductor	10	10%	11	LF \$ 110.56	\$ 1,216.16	\$ 108.84	\$ 1,197	\$ 2,413			
454		Phase Bus	3	0%	3	EA \$ 10.00	\$ 30.00	\$ 6.50	\$ 20	\$ 50			
455		Ground Bus	3	0%	3	EA \$ 10.00	\$ 30.00	\$ 6.50	\$ 20	\$ 50			
456		Neutral Bus	2	0%	2	EA \$ 10.00	\$ 20.00	\$ 6.50	\$ 13	\$ 33			
457		Main Telecom Ground Bus Bar	1	0%	1	EA \$ 10.00	\$ 10.00	\$ 6.50	\$ 7	\$ 17			
458		Factory Installed Ground Bus Bar	1	0%	1	EA \$ 10.00	\$ 10.00	\$ 6.50	\$ 7	\$ 17			
459		3/4" X 10' Copper Clad Grounding Rods	2	0%	2	EA \$ 50.00	\$ 100.00	\$ 236.00	\$ 472	\$ 572			
		Receptacles											
460		Duplex Receptacles	159	0%	159	EA \$ 10.00	\$ 1,590.00	\$ 68.00	\$ 10,812	\$ 12,402			
461		Special Purpose Receptacles	3	0%	3	EA \$ 9.38	\$ 28.14	\$ 70.13	\$ 210	\$ 239			
462		Duplex Receptacles With Usb	26	0%	26	EA \$ 11.88	\$ 308.88	\$ 76.51	\$ 1,989	\$ 2,298			
463		Duplex Receptacles Floor Mounted	11	0%	11	EA \$ 10.00	\$ 110.00	\$ 68.00	\$ 748	\$ 858			
464		Duplex Receptacles, Ceiling Mounted	12	0%	12	EA \$ 10.00	\$ 120.00	\$ 68.00	\$ 816	\$ 936			
465		Duplex Receptacles, Bottom Half Switched	11	0%	11	EA \$ 6.42	\$ 70.62	\$ 65.03	\$ 715	\$ 786			
466		Quad Ceiling Receptacle, Bottom Half Switch	1	0%	1	EA \$ 28.64	\$ 28.64	\$ 108.39	\$ 108	\$ 137			
467		Duplex Receptacles, Bottom Half Switched, Usb	3	0%	3	EA \$ 34.45	\$ 103.35	\$ 116.29	\$ 349	\$ 452			
468		Special Purpose Receptacles, Enclosure: Nema 6-20R	2	0%	2	EA \$ 9.38	\$ 18.76	\$ 75.23	\$ 150	\$ 169			
469		Duplex Receptacles, Ceiling Mounted, Weather Proof	15	0%	15	EA \$ 53.00	\$ 795.00	\$ 43.00	\$ 645	\$ 1,440			
470		Duplex Receptacles, Ground Fault Circuit Interrupter	58	0%	58	EA \$ 53.00	\$ 3,074.00	\$ 43.00	\$ 2,494	\$ 5,568			
471		Duplex Receptacles, Ground Fault Circuit Interrupter, Usb	4	0%	4	EA \$ 53.00	\$ 212.00	\$ 43.00	\$ 172	\$ 384			
472		Duplex Receptacles, Ground Fault Circuit Interrupter, Weather Proof	15	0%	15	EA \$ 53.00	\$ 795.00	\$ 43.00	\$ 645	\$ 1,440			
473		Duplex Receptacles, Floor Mounted, Weather Proof, Ground Fault Circuit Interrupter	2	0%	2	EA \$ 53.00	\$ 106.00	\$ 43.00	\$ 86	\$ 192			
		Disconnect Switches											
474		100 Amp Switch, 80 Amp Fuse, Fused, Disconnect Switch	1	0%	1	EA \$ 119.81	\$ 119.81	\$ 497.81	\$ 498	\$ 618			
475		2-Pole, 30 Amp, Non-Fused Disconnect Switch	2	0%	2	EA \$ 18.00	\$ 36.00	\$ 25.00	\$ 50	\$ 86			
476		2-Pole 35 Amp, Non Fused Disconnect Switch	1	0%	1	EA \$ 18.00	\$ 18.00	\$ 25.00	\$ 25	\$ 43			
477		2-Pole 40 Amp, Non Fused Disconnect Switch	1	0%	1	EA \$ 18.00	\$ 18.00	\$ 25.00	\$ 25	\$ 43			
478		2-Pole 50 Amp, Non Fused Disconnect Switch	1	0%	1	EA \$ 18.00	\$ 18.00	\$ 25.00	\$ 25	\$ 43			
479		30 Amp Switch, 30 Amp Fuse, 2-Pole, Fused Disconnect Switch	1	0%	1	EA \$ 18.00	\$ 18.00	\$ 25.00	\$ 25	\$ 43			
480		30 Amp Switch, 30 Amp Fuse, 2-Pole, Fused Disconnect Switch	1	0%	1	EA \$ 18.00	\$ 18.00	\$ 25.00	\$ 25	\$ 43			
481		60 Amp Switch, 40 Amp Fuse, 2-Pole, Fused Disconnect Switch	1	0%	1	EA \$ 18.00	\$ 18.00	\$ 25.00	\$ 25	\$ 43			
482		100 Amp Switch, 80 Amp Fuse, 2-Pole, Fused Disconnect Switch	1	0%	1	EA \$ 18.00	\$ 18.00	\$ 25.00	\$ 25	\$ 43			
483		60 Amp Switch, 40 Amp Fuse, 2-Pole, Fused Disconnect Switch	1	0%	1	EA \$ 18.00	\$ 18.00	\$ 25.00	\$ 25	\$ 43			
484		Manual Motor Rated Switch	14	0%	14	EA \$ 8.00	\$ 112.00	\$ 65.00	\$ 910	\$ 1,022			
		Door Bell System											
485		Door Bell	1	0%	1	EA \$ 38.51	\$ 38.51	\$ 225.70	\$ 226	\$ 264			
486		Push Button	2	0%	2	EA \$ 15.00	\$ 30.00	\$ 28.00	\$ 56	\$ 86			
487		Door Bell Chime	1	0%	1	EA \$ 56.78	\$ 56.78	\$ 251.20	\$ 251	\$ 308			
		Light Fixtures											
488		Light A1, Recessed Downlight Selected By Owner, Lamps: Led, Watts: 7	230</										

SF #	REFERENCE	DESCRIPTION	QUANTITY	WASTAGE	TOTAL QTY	UNIT	COST/UNIT	TOTAL	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
493		Light D, Pendant Light Selected By Owner, Lamps: Led, Watts: 40	5	0%	5	EA	\$ 342.50	\$ 1,712.50	\$ 395.80	\$ 1,979	\$ 3,691		
494		Light E, Hanging Ceiling Light Selected By Owner, Lamps: Led, Watts: 80	22	0%	22	EA	\$ 358.00	\$ 7,876.00	\$ 421.81	\$ 9,280	\$ 17,156		
495		Light F, Vanity Wall Sconce Selected By Owner, Lamps: Led, Watts: 30	7	0%	7	EA	\$ 89.96	\$ 629.69	\$ 242.53	\$ 1,698	\$ 2,327		
496		Light G, Led Rope Light Selected By Owner, Lamps: Led, Watts: 5.5 W/Ft	22	0%	22	EA	\$ 4.52	\$ 100.62	\$ 58.66	\$ 1,306	\$ 1,406		
497		Light H, Led Stairs Light Selected By Owner, Lamps: Led, Watts: 5	15	0%	15	EA	\$ 116.00	\$ 1,740.00	\$ 267.00	\$ 4,005	\$ 5,745		
Lighting Controller													
498		Ps, Linear Lighting Fixture Controller	2	0%	2	EA	\$ 435.75	\$ 871.50	\$ 368.51	\$ 737	\$ 1,609		
499		Dimmer Switch	35	0%	35	EA	\$ 26.00	\$ 910.00	\$ 62.00	\$ 2,170	\$ 3,080		
500		Four Way Switches	7	0%	7	EA	\$ 17.98	\$ 125.86	\$ 98.18	\$ 687	\$ 813		
501		Single Pole Switch	89	0%	89	EA	\$ 7.00	\$ 623.00	\$ 61.00	\$ 5,429	\$ 6,052		
502		Three Way Switches	28	0%	28	EA	\$ 14.00	\$ 392.00	\$ 70.00	\$ 1,960	\$ 2,352		
503		Occupancy Sensor Wall Mounted	7	0%	7	EA	\$ 87.00	\$ 609.00	\$ 153.00	\$ 1,071	\$ 1,680		
504		Double Pole Double Throw Switch	3	0%	3	EA	\$ 53.16	\$ 159.48	\$ 102.01	\$ 306	\$ 466		
Communication Outlets													
505		Tv Outlets	18	0%	18	EA	\$ 10.00	\$ 180.00	\$ 40.00	\$ 720	\$ 900		
506		Telephone Outlet	1	0%	1	EA	\$ 10.00	\$ 10.00	\$ 40.00	\$ 40	\$ 50		
507		Phone And Tv Panel	1	0%	1	EA	\$ 147.55	\$ 147.55	\$ 421.30	\$ 421	\$ 569		
508		Network Interface Device	1	0%	1	EA	\$ 39.99	\$ 39.99	\$ 167.81	\$ 168	\$ 208		
509		Combination Telephone And Data Outlet Box Wall	21	0%	21	EA	\$ 17.36	\$ 364.56	\$ 113.49	\$ 2,383	\$ 2,748		
Controller													
510		Steam Controller	1	0%	1	EA	\$ 267.00	\$ 267.00	\$ 313.68	\$ 314	\$ 581		
511		Elevator Controller	1	0%	1	EA	\$ 2,451.92	\$ 2,451.92	\$ 680.66	\$ 681	\$ 3,133		
Circuit Breaker													
512		2-Pole, 15 Amp Circuit Breakers	3	0%	3	EA	\$ 22.00	\$ 66.00	\$ 30.00	\$ 90	\$ 156		
513		1-Pole, 20 Amp Circuit Breakers	107	0%	107	EA	\$ 18.00	\$ 1,926.00	\$ 27.00	\$ 2,889	\$ 4,815		
514		2-Pole, 20 Amp Circuit Breakers	5	0%	5	EA	\$ 22.00	\$ 110.00	\$ 30.00	\$ 150	\$ 260		
515		1-Pole, 30 Amp Circuit Breakers	2	0%	2	EA	\$ 18.00	\$ 36.00	\$ 27.00	\$ 54	\$ 90		
516		2-Pole, 25 Amp Circuit Breakers	1	0%	1	EA	\$ 22.00	\$ 22.00	\$ 30.00	\$ 30	\$ 52		
517		2-Pole, 30 Amp Circuit Breakers	6	0%	6	EA	\$ 22.00	\$ 132.00	\$ 30.00	\$ 180	\$ 312		
518		2-Pole, 35 Amp Circuit Breakers	1	0%	1	EA	\$ 22.00	\$ 22.00	\$ 30.00	\$ 30	\$ 52		
519		2-Pole, 40 Amp Circuit Breakers	4	0%	4	EA	\$ 22.00	\$ 88.00	\$ 30.00	\$ 120	\$ 208		
520		2-Pole, 50 Amp Circuit Breakers	2	0%	2	EA	\$ 22.00	\$ 44.00	\$ 30.00	\$ 60	\$ 104		
521		2-Pole, 60 Amp, Circuit Breakers	1	0%	1	EA	\$ 22.00	\$ 22.00	\$ 30.00	\$ 30	\$ 52		
522		2-Pole, 225 Amp Circuit Breakers	2	0%	2	EA	\$ 24.00	\$ 48.00	\$ 32.00	\$ 64	\$ 112		
523		2-Pole, 600 Amp, Circuit Breakers	1	0%	1	EA	\$ 26.00	\$ 26.00	\$ 34.00	\$ 34	\$ 60		
524		2-Pole, 600 Amp, Kaic: 42K Circuit Breakers	1	0%	1	EA	\$ 26.00	\$ 26.00	\$ 34.00	\$ 34	\$ 60		
525		2-Pole, 70 Amp, Kaic: 42K Circuit Breakers	1	0%	1	EA	\$ 22.00	\$ 22.00	\$ 30.00	\$ 30	\$ 52		
526		2-Pole, 225 Amp, Kaic: 42K Circuit Breakers	1	0%	1	EA	\$ 22.00	\$ 22.00	\$ 30.00	\$ 30	\$ 52		
Electrical Panels													
527		Panel 'P1', 120/240V, 1-Phase, 3-Wire, 600 Amp Mcb, Aic Rating: 42000, Enclosure: Nema 3R	1	0%	1	EA	\$ 1,024.00	\$ 1,024.00	\$ 1,257.00	\$ 1,257	\$ 2,281		
528		Panel 'P2', 120/240V, 1-Phase, 3-Wire, 225 Amp Mcb, Aic Rating: 42000, Enclosure: Nema 3R	1	0%	1	EA	\$ 1,024.00	\$ 1,024.00	\$ 1,257.00	\$ 1,257	\$ 2,281		
529		Panel 'P3', 120/240V, 1-Phase, 3-Wire, 225 Amp Mlo, Aic Rating: 42000, Enclosure: Nema 3R	1	0%	1	EA	\$ 1,024.00	\$ 1,024.00	\$ 1,257.00	\$ 1,257	\$ 2,281		
530		Panel 'P4', 120/240V, 1-Phase, 3-Wire, 100 Amp Mlo, Aic Rating: 22000, Enclosure: Nema 3R	1	0%	1	EA	\$ 1,024.00	\$ 1,024.00	\$ 1,257.00	\$ 1,257	\$ 2,281		
531		Low Voltage Box	1	0%	1	EA	\$ 5.39	\$ 5.39	\$ 57.38	\$ 57	\$ 63		
Electrical Meter													
532		Electric Meter	1	0%	1	EA	\$ 439.00	\$ 439.00	\$ 163.00	\$ 163	\$ 602		
533		Meter Main Ms. 600A, 120/240V, 1-Phase, 3-Wire, Aic Rating: 42K	1	0%	1	EA	\$ 439.00	\$ 439.00	\$ 163.00	\$ 163	\$ 602		
Directors													
534		Thermostat	2	0%	2	EA	\$ 33.00	\$ 66.00	\$ 68.00	\$ 136	\$ 202		
535		Smoke Detector Hard Wired With Battery Backup	9	0%	9	EA	\$ 316.00	\$ 2,844.00	\$ 323.00	\$ 2,907	\$ 5,751		
536		Smoke Detector And Carbon Monoxide Combo Hard Wired With Battery Backup	6	0%	6	EA	\$ 316.00	\$ 1,896.00	\$ 323.00	\$ 1,938	\$ 3,834		
Miscellaneous													
537		Junction Box, Ceiling Mounted	9	0%	9	EA	\$ 12.00	\$ 108.00	\$ 68.00	\$ 612	\$ 720		
538		Junction Box, Wall Mounted	2	0%	2	EA	\$ 12.00	\$ 24.00	\$ 68.00	\$ 136	\$ 160		
31. EARTH WORK													\$62,110
539	EXCAVATION	Excavation	1643.1	5%	1725.3	CY	\$ -	\$ -	\$ 36.00	\$ 62,110	\$ 62,110		
32. EXTERIOR IMPROVEMENTS													\$292,810
PAVEMENTS													
540		4" W Concrete Walkway	99.7	5%	104.7	SF	\$ 3.85	\$ 402.92	\$ 6.18	\$ 647	\$ 1,049		
541		Brick Pavers	1309.9	5%	1375.4	SF	\$ 6.90	\$ 9,490.23	\$ 16.62	\$ 22,878	\$ 32,368		
542		Motor Court Concrete Pavement	2191.5	5%	2301.1	SF	\$ 3.75	\$ 8,629.11	\$ 5.70	\$ 13,123	\$ 21,752		
543		New Drive Way Approach	248.0	5%	260.4	SF	\$ 3.85	\$ 1,002.38	\$ 6.18	\$ 1,609	\$ 2,611		
544		Porous Concrete Pavement Drive Way	9825.4	5%	10316.6	SF	\$ 3.50	\$ 36,108.27	\$ 5.70	\$ 58,836	\$ 94,944		
545		Stone Pavers Pavement	2225.7	5%	2336.9	SF	\$ 2.03	\$ 4,743.97	\$ 4.75	\$ 11,106	\$ 15,850		
FENCE & GATE													
546		6' H W.I Fence	177.7	5%	186.6	LF	\$ 18.80	\$ 3,508.59	\$ 36.32	\$ 6,778	\$ 10,287		
547		2'-6" SQ. Pilaster W/ Stone Veneer (7' H)	227.5	5%	238.9	SF	\$ 12.90	\$ 3,081.49	\$ 19.37	\$ 4,627	\$ 7,708		
548		3'-0" SQ. Pilaster W/ Stone Veneer (7' H)	42.0	5%	44.1	SF	\$ 13.50	\$ 595.35	\$ 21.31	\$ 940	\$ 1,535		
549		6x7" Pedestrian Gate	1.0	0%	1.0	EA	\$ 1,356.00	\$ 1,356.00	\$ 408.71	\$ 409	\$ 1,765		
550		17'-6" x7'-0" W.I Sliding Gate With Knox Box	1.0	0%	1.0	EA	\$ 3,478.00	\$ 3,478.00	\$ 506.04	\$ 506	\$ 3,984		
551		213"x7" W.I Bl- Fold Gate	1.0	0%	1.0	EA	\$ 5,885.00	\$ 5,885.00	\$ 799.01	\$ 799	\$ 6,684		
MISCELLANEOUS													
552		8"x9" Spa	1.0	0%	1.0	EA	\$ 4,930.00	\$ 4,930.00	\$ 385.95	\$ 386	\$ 5,316		
553		19"x41" Pool	1.0	0%	1.0	EA	\$ 6,299.00	\$ 6,299.00	\$ 741.10	\$ 741	\$ 7,040		
554		Fire Pit	1.0	0%	1.0	EA	\$ 249.95	\$ 249.95	\$ 285.90	\$ 286	\$ 536		
555		6" W Concrete Steps	3.0	0%	3.0	EA	\$ 42.65	\$ 127.95	\$ 82.52	\$ 248	\$ 375		
556		12" W Circular Concrete Steps	2.0	0%	2.0	EA	\$ 36.55	\$ 73.10	\$ 102.27	\$ 205	\$ 278		
TREES													
557		Botanical Name: Quercus Agrifolia,Common Name: Coast Live Oak	1.0	0%	1.0	EA	\$ 287.00	\$ 287.00	\$ 184.86	\$ 185	\$ 472		
558		Botanical Name: Olea Europaea,Common Name: Olive Tree	9.0	0%	9.0	EA	\$ 105.00	\$ 945.00	\$ 181.00	\$ 1,629	\$ 2,574		
559		Botanical Name: Lagerstroepaa Indica ,Common Name: Crape Myrtle	5.0	0%	5.0	EA	\$ 124.00	\$ 620.00	\$ 182.00	\$ 910	\$ 1,530		
560		Botanical Name: Arbutus Marina,Common Name: Srraberry Tree	5.0	0%	5.0	EA	\$ 97.50	\$ 487.50	\$ 117.25	\$ 586	\$ 1,074		
SHRUBS													
561		Botanical Name: Crassula Ovata ,Common Name: Jade Plants	7.0	5%	7.4	LF	\$ 4.97	\$ 36.53	\$ 24.98	\$ 184	\$ 220		
562		Botanical Name: Salvia Clevelandia,Common Name: Cleveland Sage	59.0	5%	62.0	LF	\$ 4.35	\$ 269.48	\$ 24.42	\$ 1,513	\$ 1,783		
563		Botanical Name: Agave Attenuata,Common Name: Agave	43.0	5%	45.2	LF	\$ 75.00	\$ 3,386.25	\$ 49.00	\$ 2,212	\$ 5,599		
564		Botanical Name: Streptilia Reginae ,Common Name: Bird Of Paradise	92.0	5%	96.6	LF	\$ 6.68	\$ 645.29	\$ 20.54	\$ 1,984	\$ 2,630		
565		Botanical Name: Roza X 'Radraz' ,Common Name: Red Knock Out Rose	67.0	5%	70.4	LF	\$ 6.56	\$ 461.50	\$ 21.65	\$ 1,523	\$ 1,985		
566		Botanical Name: Rosa '1 Pink Brick House',Common Name: Rose	112.0	0%	112.0	EA	\$ 11.69	\$ 1,309.28	\$ 38.86	\$ 4,352	\$ 5,662		
567		Botanical Name: Gardenia Jasminoides,Common Name: Garenia	7.0	5%	7.4	LF	\$ 5.80	\$ 42.63	\$ 23.87	\$ 175	\$ 218		
568		Botanical Name: Muhlenbergia Rigens,Common Name: Deer Grass	88.0	5%	92.4	LF	\$ 5.77	\$ 533.15	\$ 22.76	\$ 2,103	\$ 2,636		
569		Botanical Name: Salvia Leucantha,Common Name: Mexican Sage Bush	28.0	5%	29.4	LF	\$ 5.77	\$ 169.64	\$ 22.76	\$ 669	\$ 839		
570		Botanical Name: Lavandula X Heterophylla,Common Name: Sweet Lavender	17.0	0%	17.0	EA	\$ 9.48	\$ 161.16	\$ 42.75	\$ 727	\$ 888		
571		Botanical Name: Lantana Camara,Common Name: Iantana	61.0	0%	61.0	EA	\$ 4.59	\$ 279.99	\$ 33.31	\$ 2,032	\$ 2,312		
572		Botanical Name: Eunonymus Japonicus,Common Name: Eunonymus	190.0	0%	190.0	EA	\$ 5.66	\$ 1,075.40	\$ 23.76	\$ 4,514	\$ 5,590		
573		Botanical Name: Agapanthus 'Peter Pan',Common Name: Lily of nile	81.0	0%	81.0	EA	\$ 8.48	\$ 686.88	\$ 27.76	\$ 2,248	\$ 2,935		
574		Botanical Name: Pensestmon Spectabilis ' Red ',Common Name: Penstemon	9.0	0%	9.0	EA	\$ 10.47	\$ 94.23	\$ 25.87	\$ 233	\$ 327		
575		Botanical Name: Trachelospermum Jasminoides,Common Name: Srrar Jasmine	46.0	0%	46.0	EA	\$ 12.50	\$ 575.00	\$ 36.08	\$ 1,660	\$ 2,235		
GRASSES													
576		Botanical Name: Bermuda Hybrid Brass,Common Name: Truf	1810.0	5%	1900.5	SF	\$ 1.22	\$ 2,318.61	\$ 0.89	\$ 1,688	\$ 4,007		
577		Botanical Name: Lanatana Montevidensis,Common Name: Lanatana	5704.0	5%	5989.2	LF	\$ 3.88	\$ 23,238.10	\$ 1.67	\$ 9,975	\$ 33,213		
33. UTILITIES													\$92,368
Utilities													
578		1' Deep Concrete Paved Swale (2' Wide)	1515.9	5%	1591.7	SF	\$ 3.55	\$ 5,650.44	\$ 7.25	\$ 11,540	\$ 17,190		
579		4' Deep Cudo Infiltration Cubes	40.0	5%	42.0	EA	\$ 688.00	\$ 28,896.00	\$ 273.33	\$ 11,480	\$ 40,376		

Sf #	REFERENCE	DESCRIPTION	QUANTITY	WASTAGE	TOTAL QTY	UNIT	COST/UNIT	TOTAL	UNIT LABOR	TOTAL LABOR	TOTAL COST	REMARKS	TRADE COST
580		4" PVC Pipe	325.4	5%	341.6	LF	\$ 2.33	\$ 795.97	\$ 12.33	\$ 4,210	\$ 5,006		
581		4" Sanitary Sewer	399.0	5%	419.0	LF	\$ 2.33	\$ 976.23	\$ 10.15	\$ 4,253	\$ 5,229		
582		6" PVC Pipe	27.3	5%	28.7	LF	\$ 3.26	\$ 93.55	\$ 13.78	\$ 395	\$ 489		
583		8" PVC Pipe	76.3	0%	76.3	LF	\$ 4.66	\$ 355.05	\$ 14.50	\$ 1,107	\$ 1,462		
584		12" PVC Pipe	240.7	5%	252.8	LF	\$ 6.89	\$ 1,741.63	\$ 17.40	\$ 4,398	\$ 6,140		
585		Curb Drain	29.0	5%	30.5	LF	\$ 18.90	\$ 575.90	\$ 30.45	\$ 928	\$ 1,504		
586		Splash Wall	22.7	5%	23.9	LF	\$ 13.56	\$ 323.63	\$ 50.75	\$ 1,211	\$ 1,535		
587		18" Narrow Trench Drain	3.0	0%	3.0	EA	\$ 47.89	\$ 143.67	\$ 181.25	\$ 544	\$ 687		
588		24"x24" Brooks basin	1.0	0%	1.0	EA	\$ 367.68	\$ 367.68	\$ 320.45	\$ 320	\$ 688		
589		Area Drain	17.0	0%	17.0	EA	\$ 224.50	\$ 3,816.50	\$ 123.25	\$ 2,095	\$ 5,912		
590		Clean Out	4.0	0%	4.0	EA	\$ 13.50	\$ 54.00	\$ 89.90	\$ 360	\$ 414		
591		Install patio drain	7.0	0%	7.0	EA	\$ 309.99	\$ 2,169.93	\$ 283.04	\$ 1,981	\$ 4,151		
592		LID Device Over Basin	2.0	0%	2.0	EA	\$ 195.00	\$ 390.00	\$ 139.64	\$ 279	\$ 669		
593		Pop Up Emitter	4.0	0%	4.0	EA	\$ 14.88	\$ 59.52	\$ 123.54	\$ 494	\$ 554		
594		Storm Inlet	1.0	0%	1.0	EA	\$ 122.69	\$ 122.69	\$ 239.25	\$ 239	\$ 362		
SUB TOTAL												\$2,076,688	
OVERHEAD												10%	\$207,668
PROFIT												10%	\$207,668
INSURANCE												0%	\$0
CONTINGENCY												3%	\$62,301
NET TOTAL													\$2,554,328