

Estimate of Materials and Cost of Construction														
		Date:						Amount		 ABILITY - ACCURACY - ON TIME				
Project:		Residential Estimate	TOTAL					\$ -						
Project Location:		California	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	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										\$ -
1				Permit	1	0%	1	LS			\$ -	\$ -	\$ -	
2				Supervision	1	0%	1	LS			\$ -	\$ -	\$ -	
3				Final Cleanup	1	0%	1	LS			\$ -	\$ -	\$ -	
4				Mobilization Cost	1	0%	1	LS			\$ -	\$ -	\$ -	
5				Project Overheads	1	0%	1	LS			\$ -	\$ -	\$ -	
6				Bonds	1	0%	1	LS			\$ -	\$ -	\$ -	
7				Fees (Architect & Engineer)	1	0%	1	LS			\$ -	\$ -	\$ -	
8				Temporary Control & Facilities	1	0%	1	LS			\$ -	\$ -	\$ -	
9				Scaffolding	1	0%	1	LS			\$ -	\$ -	\$ -	

ITEM #	REF. SHEET	DETAIL	CH 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-02	SELECTIVE REMOVALS AND DEMOLITIONS										\$ -
				Demo										
10				Remove Tree	6	0%	6	EA			\$ -	\$ -	\$ -	
			DIV-03	CONCRETE										\$ -
				Foundation Plan										
				Footings										
11				(40"x40"x24") Column Footing W/ Reinf (2 EA)	22.18	10%	24	SF			\$ -	\$ -	\$ -	
12				(48"x48"x12") Column Footing W/ Reinf (1 EA)	16.00	10%	18	SF			\$ -	\$ -	\$ -	
13				(10"x30"x12") Column Footing W/ Reinf (7 EA)	43.75	10%	48	SF			\$ -	\$ -	\$ -	
14				(18"x18"x12") Column Footing W/ Reinf (28 EA)	63.00	10%	69	SF			\$ -	\$ -	\$ -	
15				(24"x24"x12") Column Footing W/ Reinf (6 EA)	24.00	10%	26	SF			\$ -	\$ -	\$ -	
16				(16"x12") Grade Beam W/ Reinf (364 LF)	485.91	10%	534	SF			\$ -	\$ -	\$ -	
17				(13"x33"x12") Column Footing W/ Reinf (1 EA)	7.56	10%	8	SF			\$ -	\$ -	\$ -	
18				(3" 2"x4" 2"x4") Corner Footing W/ Reinf (2 EA)	32.79	10%	36	SF			\$ -	\$ -	\$ -	
19				(3" 2"x4" 10"x1") Corner Footing W/ Reinf (1 EA)	17.22	10%	19	SF			\$ -	\$ -	\$ -	
				Concrete Pedestals										
20				(10"x10"x14") Concrete Pedestal W/ Reinf	10.67	10%	12	SF			\$ -	\$ -	\$ -	
21				(14"x14"x14") Concrete Pedestal W/ Reinf	0.15	10%	0	SF			\$ -	\$ -	\$ -	
				Stem Wall										
22				8" Stem Wall W/ Reinf 24" High	17.47	10%	19	CY			\$ -	\$ -	\$ -	
23				8" Stem Wall W/ Reinf 12" High	0.56	10%	1	CY			\$ -	\$ -	\$ -	
				Slab on Grade										
24				5" Concrete Slab W/ (915 SF) #4 @ 12" OC EW 15 Mil Stego Wrap 5" of 3/4" Clean Crushed Rock	16.30	10%	18	CY			\$ -	\$ -	\$ -	
				Concrete Stairs										
25				Concrete Stairs	1.8	10%	2	CY			\$ -	\$ -	\$ -	
			DIV-05	METALS										\$ -
				Steel Beams										
26				HSS12x4x1/2 Steel Header	20	10%	22	LF			\$ -	\$ -	\$ -	
27				W14x90 Beam	58	10%	63	LF			\$ -	\$ -	\$ -	
28				W12x45 Beam	16	10%	18	LF			\$ -	\$ -	\$ -	
				Steel Post										
29				5"x3"x1/4" Steel Post	20	10%	22	LF			\$ -	\$ -	\$ -	
30				3-1/2"x3-1/2"x1/2" Steel Post	10	10%	11	LF			\$ -	\$ -	\$ -	
31				10"x5"x1/4" Steel Plate W/ Bolts	20	10%	22	LF			\$ -	\$ -	\$ -	
				5-1/2"x5-1/2"x3/8" Steel Post	20	10%	22	LF			\$ -	\$ -	\$ -	
			DIV-06	WOOD, PLASTICS & COMPOSITES										\$ -
				Floor Joists										
32				11-7/8" TJI 360 Floor Joists @ 16" OC (2640 SF)	1978	10%	2,176	LF			\$ -	\$ -	\$ -	
				Floor Trusses										
33				11-7/8" Pre-Fab Deck/Balcony Floor Trusses @ 16" OC	266	10%	293	SF			\$ -	\$ -	\$ -	
34				14" Pre-Fab Floor Trusses @ 16" OC	2060	10%	2,266	SF			\$ -	\$ -	\$ -	
				Floor Sheathing										
35				3/4" T&G Plywood Sheathing	4700	10%	5,170	SF			\$ -	\$ -	\$ -	
36				Wood Decking	266	10%	293	SF			\$ -	\$ -	\$ -	
				Rim Board & Blockings										
37				1-1/4" LSL Rim Board	313	10%	345	LF			\$ -	\$ -	\$ -	
38				2x Ledger	72	10%	79	LF			\$ -	\$ -	\$ -	
39				2x8 Blocking	233	10%	256	LF			\$ -	\$ -	\$ -	
40				2x12 Rim Joists	379	10%	417	LF			\$ -	\$ -	\$ -	
41				2x4 Blocking	32	10%	35	LF			\$ -	\$ -	\$ -	
				Girders & Beams										
42				4x8 DFR Girder	182	10%	201	LF			\$ -	\$ -	\$ -	
43				6x12 DFR1 Header	46	10%	51	LF			\$ -	\$ -	\$ -	
44				6x10 DFR1 Header	19	10%	21	LF			\$ -	\$ -	\$ -	
45				5-1/4"x11-7/8" PSL Header	3	10%	4	LF			\$ -	\$ -	\$ -	
46				5-1/4"x14" PSL Beam	109	10%	120	LF			\$ -	\$ -	\$ -	
47				5-1/4"x16" PSL Beam	58	10%	63	LF			\$ -	\$ -	\$ -	
48				5-1/4"x20" PSL Beam	21	10%	23	LF			\$ -	\$ -	\$ -	
49				5-1/4"x18" PSL Beam	19	10%	20	LF			\$ -	\$ -	\$ -	
50				3-1/2"x14" PSL Beam	67	10%	74	LF			\$ -	\$ -	\$ -	
51				7"x14" PSL Beam	55	10%	61	LF			\$ -	\$ -	\$ -	
52				4x6 Header	21	10%	23	LF			\$ -	\$ -	\$ -	
				Trusses										
53				Girder Truss	50	10%	55	LF			\$ -	\$ -	\$ -	
54				Collector truss	41	10%	45	LF			\$ -	\$ -	\$ -	
				Wood Post										
55				4x4 Wood Post	790	10%	869	LF			\$ -	\$ -	\$ -	
56				4x6 Wood Post	870	10%	957	LF			\$ -	\$ -	\$ -	
57				6x6 Wood Post W/ CCQ	230	10%	253	LF			\$ -	\$ -	\$ -	
58				5-1/4"x5-1/4" SQ Wood Post	10	10%	11	LF			\$ -	\$ -	\$ -	
				Shear Wall										
59				1/2" CDX Plywood Sheathing	4620	10%	5,082	SF			\$ -	\$ -	\$ -	
				Roof Framing										
				Trusses										
60				Girder Truss	235	10%	259	LF			\$ -	\$ -	\$ -	
61				Hip Truss	53	10%	58	LF			\$ -	\$ -	\$ -	
62				Collector Truss	163	10%	180	LF			\$ -	\$ -	\$ -	
				Headers										
63				6x10 DE#1 Header	7	10%	7	LF			\$ -	\$ -	\$ -	
64				6x12 DE#1 Header	18	10%	20	LF			\$ -	\$ -	\$ -	
65				Girder/Collector Truss	51	10%	56	LF			\$ -	\$ -	\$ -	
				Roof Trusses										
66				Pre-Fab Jack Trusses by Truss Manufacturere	1178	10%	1,296	SF			\$ -	\$ -	\$ -	
67				Pre-Fab Roof Trusses by Truss Manufacturere	2762	10%	3,038	SF			\$ -	\$ -	\$ -	
				Roof Sheathing										
68				1/2" CDX Plywood Roof Sheathing	4140	10%	4,554	SF			\$ -	\$ -	\$ -	
				Blockings										
69				2x Blocking	256	10%	282	LF			\$ -	\$ -	\$ -	
70				2x Blocking @ 48" OC	40	10%	44	LF			\$ -	\$ -	\$ -	
71				2x6 Brace Wall @ 48" OC	114	10%	125	LF			\$ -	\$ -	\$ -	
				Outriggers										
72				2x4 Outriggers @ 24" OC	340	10%	374	LF			\$ -	\$ -	\$ -	
				Door Trims										
73				Door Trims	1505	10%	1,656	LF			\$ -	\$ -	\$ -	
				Stairs										
				3'-4" Wide Wood Stairs										
74				Steps 18 EA 11" Treads 18 EA 7-1/2" Risers 19 EA (3'-6"x7'-0") Landing 1 EA	19	0%	19	Risers			\$ -	\$ -	\$ -	
			DIV-07	THERMAL AND MOISTURE PROTECTION										\$ -
				Insulation										
75				Ceiling Insulation As per Report	1050	10%	1,155	SF			\$ -	\$ -	\$ -	
76				R-10 Floor Insulation	2650	10%	2,915	SF			\$ -	\$ -	\$ -	
				Exterior										
77				7/8" Parex USA Stucco Base Coat	4027	10%	4,430	SF			\$ -	\$ -	\$ -	
				White Smooth Stucco										
78				Metal Lath As per ASTM C1063	4027	10%	4,430	SF			\$ -	\$ -	\$ -	
79				Parex USA Water resistive Air Barrier Coating	4027	10%	4,430	SF			\$ -	\$ -	\$ -	
80				Brown Board & Batten Siding	110	10%	121	SF			\$ -	\$ -	\$ -	
81				Parex USA Water resistive Air Barrier Coating	110	10%	121	SF			\$ -	\$ -	\$ -	
82				Fascia Board	440	10%	484	LF			\$ -	\$ -	\$ -	
83				Sub Fascia	440	10%	484	LF			\$ -	\$ -	\$ -	
84				Drip Edge	440	10%	484	LF			\$ -	\$ -	\$ -	
85				Shadow Board	440	10%	484	LF			\$ -	\$ -	\$ -	
86				Aluminum Gutter	294	10%	324	LF			\$ -	\$ -	\$ -	
87				Downspouts	190	10%	143	LF			\$ -	\$ -	\$ -	
88				6"x16" Crawl Space Vents	22	0%	22	EA			\$ -	\$ -	\$ -	
				Roofing										
89				40 Yr Class A Shingles Roofing	4140	10%	4,554	SF			\$ -	\$ -	\$ -	
90				Double #30 Felt Roofing Underlayment	4140	10%	4,554	SF			\$ -	\$ -	\$ -	
91				R38 Roof Insulation	3950	10%	4,345	SF			\$ -	\$ -	\$ -	
92				Valley Flashing	298	10%	328	LF			\$ -	\$ -	\$ -	
93				Ridge Flashing	44	10%	48	LF			\$ -	\$ -	\$ -	
94				Flashing Around Openings	20	10%	22	LF			\$ -	\$ -	\$ -	
95				5/8" 1/8" Type 3 Gypsum Board Soffit	679	10%	747	SF			\$ -	\$ -	\$ -	
96				7/8" Parex USA Stucco Base Coat	679	10%	747	SF			\$ -	\$ -	\$ -	
				White Smooth Stucco										
97				ZURN FD2240 WOOD DECK DRAIN, ABS HUB	2	0%	2	EA			\$ -	\$ -	\$ -	
98				EPDF Roofing	270	10%	296	SF			\$ -	\$ -	\$ -	
			DIV-08	OPENINGS										\$ -
				Doors										
99				(2'-4"x9'-0") Single Hinged Door W/ Frame	1	0%	1	EA			\$ -	\$ -	\$ -	
100				(1'-0"x8'-0") Single Hinged Door W/ Frame	2	0%	2	EA			\$ -	\$ -	\$ -	
101				(6'-0"x8'-0") Double Hinged Door W/ Frame	1	0%	1	EA			\$ -	\$ -	\$ -	
102				(6'-0"x9'-0") Double Hinged Door W/ Frame	1	0%	1	EA			\$ -	\$ -	\$ -	
103				(6'-										



ITEM #	REF. SHEET	DETAIL	CH 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
239				110V Receptacles: GFI Duplex	29	0%	29	EA			\$ -	\$ -	\$ -	
240				220V 3 Phase Electric Vehicle Charging, 240V Receptacle	2	0%	2	EA			\$ -	\$ -	\$ -	
241				Single Pole Switch	115	0%	115	EA			\$ -	\$ -	\$ -	
242				Dimmer Switch	11	0%	11	EA			\$ -	\$ -	\$ -	
243				Motion Sensor Wall Sconce	4	0%	4	EA			\$ -	\$ -	\$ -	
244				Chandelier Light Fixture	6	0%	6	EA			\$ -	\$ -	\$ -	
245				Fluorescent Light Fixture	4	0%	4	EA			\$ -	\$ -	\$ -	
246				Telephone Jack	2	0%	2	EA			\$ -	\$ -	\$ -	
247				Ventilation Fans: Ceiling Mounted	10	0%	10	EA			\$ -	\$ -	\$ -	
248				Smoke Detectors	6	0%	6	EA			\$ -	\$ -	\$ -	
249				TV/Cable	3	0%	3	EA			\$ -	\$ -	\$ -	
250				Puck Light	9	0%	9	EA			\$ -	\$ -	\$ -	
251				CO/Smoke Detector	4	0%	4	EA			\$ -	\$ -	\$ -	
252				Internet Entrance Box	2	0%	2	EA			\$ -	\$ -	\$ -	
				Allowances										
253				Allowances for Wiring & Conduits (5000 SF)	1	0%	1	LS			\$ -	\$ -	\$ -	
			DIV-31	EARTHWORK										\$ -
				Excavation										
254				Cut	40	10%	44	CY			\$ -	\$ -	\$ -	
255				Fill	10	10%	11	CY			\$ -	\$ -	\$ -	
SUB TOTAL												\$ -	\$ -	\$ -
INSURANCE												\$ -	\$ -	\$ -
OVERHEAD AND PROFIT												\$ -	\$ -	\$ -
TOTAL BASE BID												\$ -	\$ -	\$ -