

<b>Project name</b>	Lamorinda Builders Sample Lafayette Ca 94549
<b>Client</b>	Lamorinda Builders
<b>Architect</b>	Mercedes Corbell
<b>Estimator</b>	Michael Parodi
<b>Labor rate table</b>	Standard Labor
<b>Equipment rate table</b>	Standard Equipment
<b>Bid date</b>	3/9/2007
<b>Report format</b>	Sorted by 'Group phase/Phase' 'Detail' summary



Group	Phase	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Total Cost/Unit	Total Amount
	<b>1739.010</b>	<b>Demo: Finishes, Floors</b>								
		Remove Carpet & Pad	369.71 sf	312	-	-	37	-	0.94 /sf	349
		<b>Demo: Finishes, Floors</b>		<b>312</b>			<b>37</b>		<b>/sf</b>	<b>349</b>
	<b>1739.040</b>	<b>Demo: Finishes, Walls</b>								
		Remove Sheetrock But No Studs	800.00 sf	304	-	-	16	-	0.40 /sf	320
		<b>Demo: Finishes, Walls</b>		<b>304</b>			<b>16</b>		<b>/sf</b>	<b>320</b>
	<b>1739.080</b>	<b>Demo: Finishes, Ceilings</b>								
		Remove Sheetrock Ceiling	700.00 sf	355	-	-	19	-	0.53 /sf	373
		<b>Demo: Finishes, Ceilings</b>		<b>355</b>			<b>19</b>		<b>/sf</b>	<b>373</b>
	<b>1739.090</b>	<b>Demo: Exterior Finishes</b>								
		Remove Stucco	440.00 sf	990	-	-	31	-	2.32 /sf	1,021
		<b>Demo: Exterior Finishes</b>		<b>990</b>			<b>31</b>		<b>/sf</b>	<b>1,021</b>
	<b>1739.150</b>	<b>Demo: Mechanical/Elect</b>								
		Demo existing electrical	4.00 hr	380	-	-	-	-	95.00 /hr	380
		Demo Existing Plumbing	2.00 ea		-	900	-	-	450.00 /ea	900
		<b>Demo: Mechanical/Elect</b>		<b>380</b>		<b>900</b>			<b>/sf</b>	<b>1,280</b>
	<b>1740.010</b>	<b>Clean Up</b>								
		Current Cleanup	10.00 wk	3,800	600	-	-	-	440.00 /wk	4,400
		Final Cleanup	1.00 ea	760	100	-	-	-	860.00 /ea	860
		Debree Hauler	5.00 ea	1,250	-	-	-	1,000	450.00 /ea	2,250
		Remove Debree in Pick-Up	3.00 ea	150	-	-	-	75	75.00 /ea	225
		<b>Clean Up</b>		<b>5,960</b>	<b>700</b>			<b>1,075</b>	<b>/wk</b>	<b>7,735</b>
		<b>DEMOLITION</b>		<b>21,382</b>	<b>700</b>	<b>900</b>	<b>1,936</b>	<b>1,287</b>		<b>26,205</b>
<b>2000.000</b>		<b>SITWORK</b>								
	<b>2310.020</b>	<b>Earthwk: Site Grading</b>								
		Remove Dirt Dump Truck	106.00 cy	2,915	-	-	2,120	3,710	82.50 /cy	8,745
		<b>Earthwk: Site Grading</b>		<b>2,915</b>			<b>2,120</b>	<b>3,710</b>	<b>/ac</b>	<b>8,745</b>
	<b>2315.021</b>	<b>Earthwk: Excav Foot/Misc</b>								
		Excavate Footing By Hand (Footings in slab)	20.00 cy	4,500	-	-	-	-	225.00 /cy	4,500
		Excavate Footing By Hand (Slab gravel ect.)	18.00 cy	3,240	-	-	-	-	180.00 /cy	3,240
		Excavate Footing By Hand (slab Level)	35.00 cy	4,433	-	-	-	-	126.67 /cy	4,433
		Excavate Footing By Hand (ex.space behind wall)	23.00 cy	3,496	-	-	-	-	152.00 /cy	3,496
		Excavate Footing By Hand (Grade beams)	2.00 cy	380	-	-	-	-	190.00 /cy	380
		<b>Earthwk: Excav Foot/Misc</b>		<b>16,049</b>					<b>/cy</b>	<b>16,049</b>
	<b>2315.060</b>	<b>Earthwk: TrenchExcavation</b>								
		Trench Excavation For Pipe	9.50 cy	1,710	-	-	0	-	180.00 /cy	1,710

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		<b>Earthwk: TrenchExcavation</b>		<b>1,710</b>					<b>/cy</b>	<b>1,710</b>
	<b>2315.080</b>	<b>Backfill: Trenches</b>								
		Backfl Trnch w/o Compact Hand	9.00 cy	684	-	-	32	-	79.60 /cy	716
		<b>Backfill: Trenches</b>		<b>684</b>			<b>32</b>		<b>/lf</b>	<b>716</b>
	<b>2475.010</b>	<b>Piling: Caissons</b>								
		Portable Drill	16.00 ea	-	-	10,400	-	-	650.00 /ea	10,400
		Prep for portable drill	10.00 ea	850	-	-	-	-	85.00 /ea	850
		<b>Piling: Caissons</b>		<b>850</b>		<b>10,400</b>			<b>/lf</b>	<b>11,250</b>
	<b>2620.010</b>	<b>Drainage: French Drains</b>								
		French Drain 4"	120.00 lf	1,400	800	-	-	-	18.34 /lf	2,200
		4" Tight Line	300.00 lf	975	2,001	-	-	-	9.92 /lf	2,976
		Gravel @ Drains	13.00 cy	585	1,014	-	139	-	133.68 /cy	1,738
		6 inch tight line	120.00 lf	600	948	-	-	-	12.90 /lf	1,548
		Junction box	1.00 ea	95	125	-	-	-	220.00 /ea	220
		<b>Drainage: French Drains</b>		<b>3,655</b>	<b>4,888</b>		<b>139</b>		<b>/lf</b>	<b>8,682</b>
	<b>2620.080</b>	<b>Drainage: Drainage @ Slab</b>								
		Sand Fill @ Slab	4.00 cy	733	218	-	9	-	240.27 /cy	961
		Gravel At Slab	8.00 cy	360	567	-	6	-	116.58 /cy	933
		<b>Drainage: Drainage @ Slab</b>		<b>1,093</b>	<b>785</b>		<b>15</b>		<b>/cy</b>	<b>1,894</b>
		<b>SITEWORK</b>		<b>26,957</b>	<b>5,673</b>	<b>10,400</b>	<b>2,307</b>	<b>3,710</b>		<b>49,047</b>
<b>3000.000</b>		<b>CONCRETE</b>								
	<b>3000.010</b>	<b>Division 3 Subcontractors</b>								
		Pumping ( each )	4.00 ea	-	-	1,700	-	-	425.00 /ea	1,700
		Pumping ( cuyd )	47.50 cy	-	-	190	-	-	4.00 /cy	190
		Pump Clean out into Concrete Truck	2.00 ea	-	-	160	-	-	80.00 /ea	160
		<b>Division 3 Subcontractors</b>				<b>2,050</b>			<b>/ea</b>	<b>2,050</b>
	<b>3110.150</b>	<b>Forms: Walls</b>								
		Wall Forms	280.00 sf	2,511	361	-	-	-	10.25 /sf	2,871
		Wall Forms	480.00 sf	4,304	618	-	-	-	10.25 /sf	4,922
		<b>Forms: Walls</b>		<b>6,815</b>	<b>979</b>				<b>/sf</b>	<b>7,793</b>
	<b>3110.250</b>	<b>Forms: Piers</b>								
		Pier Forms	20.00 sf	359	12	-	-	-	18.55 /sf	371
		<b>Forms: Piers</b>		<b>359</b>	<b>12</b>				<b>/sf</b>	<b>371</b>
	<b>3110.400</b>	<b>Forms: Stairs</b>								
		Stair Forms - Plywood	24.00 sf	313	41	-	-	-	14.77 /sf	354
		<b>Forms: Stairs</b>		<b>313</b>	<b>41</b>				<b>/sf</b>	<b>354</b>
	<b>3110.750</b>	<b>Forms: Edgeform Slabs</b>								
		EdgeForm 2x6 Random Length	30.00 lf	269	15	-	-	-	9.46 /lf	284

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		<b>Forms: Edgeform Slabs</b>		269	15				/lf	284
3111.500		<b>Forms: Strip &amp; Oil</b>								
		Strip/Oil Forms-Walls	280.00 sf	315	22	-	-	-	1.20 /sf	337
		Strip/Oil Forms-Walls	450.00 sf	506	35	-	-	-	1.20 /sf	541
		Strip/Oil Forms-Piers	20.00 sf	27	2	-	-	-	1.43 /sf	29
		<b>Forms: Strip &amp; Oil</b>		<b>848</b>	<b>58</b>				<b>/sf</b>	<b>906</b>
3210.050		<b>Rebar: All Types</b>								
		Stirups	110.00 ea	-	-	1,320	-	-	12.00 /ea	1,320
		<b>Rebar: All Types</b>				<b>1,320</b>			<b>/tn</b>	<b>1,320</b>
3210.150		<b>Rebar: Footings</b>								
		Footing Rebar #4	400.00 lf	229	98	-	-	-	0.82 /lf	327
		Footing Rebar #4	700.00 lf	400	172	-	-	-	0.82 /lf	572
		<b>Rebar: Footings</b>		<b>629</b>	<b>270</b>				<b>/tn</b>	<b>899</b>
3210.300		<b>Rebar: Walls</b>								
		Wall Rebar #5	300.00 lf	208	85	-	-	-	0.98 /lf	293
		Wall Rebar #5	660.00 lf	458	247	-	-	-	1.07 /lf	706
		<b>Rebar: Walls</b>		<b>667</b>	<b>332</b>				<b>/tn</b>	<b>999</b>
3210.400		<b>Rebar: Piers</b>								
		Cages	16.00 ea	1,360	2,320	-	-	-	230.00 /ea	3,680
		<b>Rebar: Piers</b>		<b>1,360</b>	<b>2,320</b>				<b>/tn</b>	<b>3,680</b>
3210.550		<b>Rebar: Slab On Grade</b>								
		S.O.G. Rebar #4	1,120.00 lf	640	275	-	-	-	0.82 /lf	915
		<b>Rebar: Slab On Grade</b>		<b>640</b>	<b>275</b>				<b>/tn</b>	<b>915</b>
3210.825		<b>Rebar: Dowel @ ExistConc</b>								
		Drill Dowel To Existing Conc.	93.00 ea	698	447	-	-	-	12.31 /ea	1,145
		<b>Rebar: Dowel @ ExistConc</b>		<b>698</b>	<b>447</b>				<b>/ea</b>	<b>1,145</b>
3310.140		<b>Conc: Footings</b>								
		Footing Conc 2500 psi	14.00 cy	2,023	2,163	-	-	-	299.00 /cy	4,186
		<b>Conc: Footings</b>		<b>2,023</b>	<b>2,163</b>				<b>/cy</b>	<b>4,186</b>
3310.160		<b>Conc: Walls</b>								
		Wall Conc 2500 psi	6.00 cy	1,301	927	-	-	-	371.25 /cy	2,228
		Wall Conc 2500 psi	7.50 cy	1,626	1,159	-	-	-	371.25 /cy	2,784
		<b>Conc: Walls</b>		<b>2,926</b>	<b>2,086</b>				<b>/cy</b>	<b>5,012</b>
3310.200		<b>Conc: Piers</b>								
		Pier Conc 2500 psi	12.50 cy	2,890	1,931	-	-	-	385.70 /cy	4,821
		<b>Conc: Piers</b>		<b>2,890</b>	<b>1,931</b>				<b>/cy</b>	<b>4,821</b>
3310.210		<b>Conc: Slabs On Grade</b>								
		S.O.G. Conc 2500 psi	9.00 cy	833	1,391	-	-	-	247.00 /cy	2,223

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	<b>3310.210</b>	<b>Conc: Slabs On Grade</b>								
		Concrete landing	20.00 sf	-	-	320	-	-	16.00 /sf	320
		<b>Conc: Slabs On Grade</b>		<b>833</b>	<b>1,391</b>	<b>320</b>			<b>/cy</b>	<b>2,543</b>
	<b>3350.100</b>	<b>Finish: General</b>								
		Trowel Finish	590.00 sf	3,835	30	-	-	-	6.55 /sf	3,865
		<b>Finish: General</b>		<b>3,835</b>	<b>30</b>				<b>/sf</b>	<b>3,865</b>
		<b>CONCRETE</b>		<b>25,104</b>	<b>12,350</b>	<b>3,690</b>				<b>41,143</b>
<b>6000.000</b>		<b>WOOD &amp; PLASTICS</b>								
	<b>6091.010</b>	<b>Fasteners: Nails</b>								
		Nails - 8d common	3.00 box	-	187	-	-	-	62.40 /box	187
		Nails - 16d common	3.00 box	-	187	-	-	-	62.40 /box	187
		Framing hardware	ls	-	<b>2,000</b>	-	-	-	/ls	2,000
		Hold Downs	34.00 ea	2,287	612	-	-	-	85.25 /ea	2,899
		Strong walls	3.00 ea	525	1,470	-	-	-	665.00 /ea	1,995
		<b>Fasteners: Nails</b>		<b>2,812</b>	<b>4,456</b>				<b>/keg</b>	<b>7,268</b>
	<b>6110.010</b>	<b>Framing: Plates</b>								
		Plates 2x4x20	40.00 ea	1,076	384	-	-	-	36.50 /ea	1,460
		Plates 2x6x20	6.00 ea	323	97	-	-	-	70.02 /ea	420
		<b>Framing: Plates</b>		<b>1,399</b>	<b>481</b>				<b>/mbf</b>	<b>1,880</b>
	<b>6110.020</b>	<b>Framing: Plates PT</b>								
		Plates PT 2x6x20	6.00 ea	516	97	-	-	-	102.30 /ea	614
		<b>Framing: Plates PT</b>		<b>516</b>	<b>97</b>				<b>/mbf</b>	<b>614</b>
	<b>6111.010</b>	<b>Framing: Floor Joist</b>								
		Floor Joist 2x10x16	7.00 ea	269	151	-	-	-	60.06 /ea	420
		Floor Joist 2x12x16	26.00 ea	1,018	675	-	-	-	65.11 /ea	1,693
		Floor Joist 2x12x20	5.00 ea	245	162	-	-	-	81.36 /ea	407
		<b>Framing: Floor Joist</b>		<b>1,532</b>	<b>989</b>				<b>/mbf</b>	<b>2,520</b>
	<b>6111.020</b>	<b>Framing: Floor Joist PT</b>								
		Floor Joist PT 2x6x8	14.00 ea	193	91	-	-	-	20.28 /ea	284
		Floor Joist PT 2x10x14	12.00 ea	404	227	-	-	-	52.56 /ea	631
		Floor Joist PT 2x10x14	12.00 ea	404	227	-	-	-	52.56 /ea	631
		Floor Joist PT 2x10x16	2.00 ea	77	43	-	-	-	60.07 /ea	120
		Floor Joist PT 4x4 RL PT	16.00 lf	43	17	-	-	-	3.77 /lf	60
		Floor Joist PT 4x4 RL PT	30.00 lf	81	32	-	-	-	3.77 /lf	113
		Floor Joist PT 4x10 RL PT	32.00 lf	115	87	-	-	-	6.29 /lf	201
		Floor Joist PT 4x12 RL PT	28.00 lf	135	91	-	-	-	8.05 /lf	225
		Floor Joist PT 4x12 RL PT	28.00 lf	135	91	-	-	-	8.05 /lf	225



Group	Phase	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Total Cost/Unit	Total Amount
	<b>6160.010</b>	<b>Plywood: Subfloor</b>								
		Subfloor 3/4" T & G Plywood	500.00 sf	862	510	-	-	-	2.74 /sf	1,372
		<b>Plywood: Subfloor</b>		<b>862</b>	<b>510</b>				<b>/sf</b>	<b>1,372</b>
	<b>6162.010</b>	<b>Plywood: Wall Sheathing</b>								
		Wall Sheath 1/2" Cdx Plywood	2,400.00 sf	4,611	1,548	-	-	-	2.57 /sf	6,159
		<b>Plywood: Wall Sheathing</b>		<b>4,611</b>	<b>1,548</b>				<b>/sf</b>	<b>6,159</b>
	<b>6163.010</b>	<b>Plywood: Roof Sheathing</b>								
		Roof Sheathing 5/8 "	270.00 sf	448	219	-	-	-	2.47 /sf	667
		<b>Plywood: Roof Sheathing</b>		<b>448</b>	<b>219</b>				<b>/sf</b>	<b>667</b>
	<b>6170.000</b>	<b>Prefbrctd Structural Wood</b>								
		Wood I Joists	48.00 ea	4,304	3,120	-	-	-	154.67 /ea	7,424
		<b>Prefbrctd Structural Wood</b>		<b>4,304</b>	<b>3,120</b>				<b>/sf</b>	<b>7,424</b>
	<b>6180.010</b>	<b>Heavy Frame: Glu-Lam</b>								
		GluLam 3-1/8"x 10 1/2"	16.00 lf	359	114	-	-	-	29.54 /lf	473
		GluLam 3-1/8"x 12"	16.00 lf	359	130	-	-	-	30.57 /lf	489
		GluLam 3-1/8"x 24"	30.00 lf	673	707	-	-	-	45.99 /lf	1,380
		GluLam 5-1/8"x 12"	16.00 lf	359	189	-	-	-	34.21 /lf	547
		<b>Heavy Frame: Glu-Lam</b>		<b>1,749</b>	<b>1,140</b>				<b>/ea</b>	<b>2,889</b>
	<b>6200.010</b>	<b>Decking</b>								
		Redwood Decking	331.36 sf	2,228	2,270	-	17	-	13.63 /sf	4,515
		Seal deck	331.00 sf	695	248	-	-	-	2.85 /sf	943
		Wood Bench	36.79 sf	736	441	-	-	-	32.00 /sf	1,177
		<b>Decking</b>		<b>3,659</b>	<b>2,959</b>		<b>17</b>		<b>/sf</b>	<b>6,635</b>
	<b>6210.010</b>	<b>Trellis</b>								
		Redwood Trellis	340.00 sf	2,613	2,380	-	17	-	14.74 /sf	5,010
		<b>Trellis</b>		<b>2,613</b>	<b>2,380</b>		<b>17</b>		<b>/ea</b>	<b>5,010</b>
	<b>6270.010</b>	<b>Arch Wd Wrk: Shelving</b>								
		Shelf & Rod	24.00 lf	1,320	399	-	-	-	71.64 /lf	1,719
		Wood Shelving	52.00 lf	1,226	649	-	-	-	36.05 /lf	1,875
		<b>Arch Wd Wrk: Shelving</b>		<b>2,546</b>	<b>1,048</b>				<b>/lf</b>	<b>3,594</b>
	<b>6410.010</b>	<b>Arch Wd Wrk: Cabinets</b>								
		Install Cabinets	66.00 lf	2,310	-	-	-	-	35.00 /lf	2,310
		Cabinet sub tops	25.00 lf	94	44	-	-	-	5.50 /lf	138
		Cabinets	54.00 lf	-	-	12,150	-	-	225.00 /lf	12,150
		Book shelves	16.00 lf	2,960	-	-	-	-	185.00 /lf	2,960
		<b>Arch Wd Wrk: Cabinets</b>		<b>5,364</b>	<b>44</b>	<b>12,150</b>			<b>/lf</b>	<b>17,558</b>
	<b>6430.010</b>	<b>Arch Wd Wrk: Stair Parts</b>								
		Wall Rails	18.00 lf	495	225	-	-	-	39.98 /lf	720



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	<b>6430.010</b>	<b>Arch Wd Wrk: Stair Parts</b>								
		Hand Rail	6.00 lf	248	75	-	-	-	53.70 /lf	322
		Skirt boards	36.00 lf	660	135	-	-	-	22.08 /lf	795
		Stair railing	12.00 lf	-	-	2,220	-	-	185.00 /lf	2,220
		<b>Arch Wd Wrk: Stair Parts</b>		<b>1,403</b>	<b>434</b>	<b>2,220</b>			<b>/ea</b>	<b>4,057</b>
	<b>6430.020</b>	<b>Arch Wd Wrk: Porch Rail</b>								
		Wood Porch Rail	70.00 lf	3,850	1,747	-	-	-	79.96 /lf	5,597
		<b>Arch Wd Wrk: Porch Rail</b>		<b>3,850</b>	<b>1,747</b>				<b>/lf</b>	<b>5,597</b>
	<b>6450.010</b>	<b>Arch Wd Wrk: Wood Base</b>								
		Wood Base 1 Piece	400.00 lf	1,100	1,331	-	-	-	6.08 /lf	2,431
		<b>Arch Wd Wrk: Wood Base</b>		<b>1,100</b>	<b>1,331</b>				<b>/lf</b>	<b>2,431</b>
	<b>6454.010</b>	<b>Arch Wd Wrk: Misc. Trim</b>								
		Misc. Int. Trim 1 Piece	200.00 lf	825	468	-	-	-	6.47 /lf	1,293
		<b>Arch Wd Wrk: Misc. Trim</b>		<b>825</b>	<b>468</b>				<b>/lf</b>	<b>1,293</b>
	<b>6455.010</b>	<b>Arch Wd Wrk: Ext Trim</b>								
		Exterior Trim 1 Piece	450.00 lf	1,729	1,095	-	-	-	6.28 /lf	2,824
		Exterior Fascia	70.00 lf	471	263	-	-	-	10.48 /lf	733
		<b>Arch Wd Wrk: Ext Trim</b>		<b>2,200</b>	<b>1,358</b>				<b>/lf</b>	<b>3,558</b>
	<b>6460.010</b>	<b>Arch Wd Wrk: Door/Window</b>								
		Casing 1 Piece Door	19.00 ea	1,568	1,680	-	-	-	170.90 /ea	3,247
		Casing 1 Piece Window	21.00 ea	1,733	1,420	-	-	-	150.10 /ea	3,152
		<b>Arch Wd Wrk: Door/Window</b>		<b>3,300</b>	<b>3,099</b>				<b>/ea</b>	<b>6,399</b>
		<b>WOOD &amp; PLASTICS</b>		<b>70,773</b>	<b>36,139</b>	<b>14,370</b>	<b>125</b>			<b>121,406</b>
<b>7000.000</b>		<b>THERMAL &amp; MOISTURE PROT</b>								
	<b>7111.010</b>	<b>Dampproofing: VaprBarrier</b>								
		10 Mil Visquen	750.00 sf	169	150	-	-	-	0.43 /sf	319
		<b>Dampproofing: VaprBarrier</b>		<b>169</b>	<b>150</b>				<b>/sq</b>	<b>319</b>
	<b>7130.010</b>	<b>Waterproofng: Elastomeric</b>								
		Mira Drain	2.00 ea	228	250	-	-	-	239.00 /ea	478
		<b>Waterproofng: Elastomeric</b>		<b>228</b>	<b>250</b>				<b>/sq</b>	<b>478</b>
	<b>7131.010</b>	<b>Waterproofng: Mod Bit</b>								
		Membrane Modified Bitumen 1Ply	2.50 sq	1,035	412	-	-	-	578.65 /sq	1,447
		<b>Waterproofng: Mod Bit</b>		<b>1,035</b>	<b>412</b>				<b>/sf</b>	<b>1,447</b>
	<b>7210.010</b>	<b>Insulation: Batt</b>								
		Labor Exterior Insulation	2,100.00 sf	1,216	-	-	-	-	0.58 /sf	1,216
		Un-Faced Insulation 3 x 16"	1,500.00 sf	-	541	-	-	-	0.36 /sf	541

Group	Phase	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Total Cost/Unit	Total Amount
	<b>7210.010</b>	<b>Insulation: Batt</b>								
		Un-Faced Insulation 6 x 16"	600.00 sf	-	247	-	-	-	0.41 /sf	247
		Un-Faced Insulation 9 x 24"	900.00 sf	-	464	-	-	-	0.52 /sf	464
		<b>Insulation: Batt</b>		<b>1,216</b>	<b>1,251</b>				<b>/sf</b>	<b>2,467</b>
	<b>7210.020</b>	<b>Insulation: Ceiling</b>								
		Labor Ceiling Insulation	600.00 sf	660	-	-	-	-	1.10 /sf	660
		<b>Insulation: Ceiling</b>		<b>660</b>					<b>/sf</b>	<b>660</b>
	<b>7310.010</b>	<b>Shingles: Several Types</b>								
		Fiberglas Roof Shingles	6.00 sq	1,158	896	-	-	-	342.35 /sq	2,054
		Patch Flat roof around sky lights	3.00 ea	-	-	585	-	-	195.00 /ea	585
		<b>Shingles: Several Types</b>		<b>1,158</b>	<b>896</b>	<b>585</b>			<b>/sq</b>	<b>2,639</b>
	<b>7311.010</b>	<b>Shingles: Felt</b>								
		Roofing Felt 30 lb.	6.00 sq	290	148	-	-	-	72.97 /sq	438
		<b>Shingles: Felt</b>		<b>290</b>	<b>148</b>				<b>/sq</b>	<b>438</b>
	<b>7460.010</b>	<b>Siding: Wood Etc</b>								
		Mineral Fiber Cement Siding	300.00 sf	1,345	757	-	-	-	7.01 /sf	2,102
		<b>Siding: Wood Etc</b>		<b>1,345</b>	<b>757</b>				<b>/sf</b>	<b>2,102</b>
	<b>7600.010</b>	<b>Sheetmetal: Flashing</b>								
		Flashing	32.00 lf	460	79	-	-	-	16.85 /lf	539
		<b>Sheetmetal: Flashing</b>		<b>460</b>	<b>79</b>				<b>/lf</b>	<b>539</b>
	<b>7710.010</b>	<b>Sheetmetal: Guttr DwnSpt</b>								
		Downspout Galvanzd Rectangular	20.00 lf	115	57	-	-	-	8.58 /lf	172
		Gutter Galvanzd Box	16.00 lf	460	45	-	-	-	31.58 /lf	505
		<b>Sheetmetal: Guttr DwnSpt</b>		<b>575</b>	<b>102</b>				<b>/lf</b>	<b>677</b>
		<b>THERMAL &amp; MOISTURE PROT</b>		<b>7,135</b>	<b>4,046</b>	<b>585</b>				<b>11,766</b>
<b>8000.000</b>		<b>DOORS &amp; WINDOWS</b>								
	<b>8210.020</b>	<b>Doors: Pocket</b>								
		Pocket Doors	3.00 ea	619	1,275	-	-	-	631.25 /ea	1,894
		<b>Doors: Pocket</b>		<b>619</b>	<b>1,275</b>				<b>/ea</b>	<b>1,894</b>
	<b>8210.030</b>	<b>Doors: Prehung</b>								
		Prehung 6 Panel 2-6 x 6-8	7.00 ea	1,155	1,540	-	-	-	385.00 /ea	2,695
		<b>Doors: Prehung</b>		<b>1,155</b>	<b>1,540</b>				<b>/ea</b>	<b>2,695</b>
	<b>8340.010</b>	<b>Doors: Special Function</b>								
		Special Function Doors	1.00 ea	179	1,750	-	-	-	1,929.33 /ea	1,929
		Exterior Door	5.00 ea	1,031	6,500	-	-	-	1,506.25 /ea	7,531

Group	Phase	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Total Cost/Unit	Total Amount
		<b>Doors: Special Function</b>		1,211	8,250				/sf	9,461
	8350.010	<b>Doors: Folding</b>								
		Door Bifold	4.00 ea	660	1,920	-	-	-	645.00 /ea	2,580
		<b>Doors: Folding</b>		660	1,920				/ea	2,580
	8550.010	<b>Windows: Wood &amp; Plastic</b>								
		Plastic-Clad Wood Windows	21.00 ea	2,825	13,125	-	-	-	759.50 /ea	15,950
		<b>Windows: Wood &amp; Plastic</b>		2,825	13,125				/ea	15,950
	8600.000	<b>Skylights</b>								
		Unit Skylights	3.00 ea	269	1,425	-	-	-	564.67 /ea	1,694
		<b>Skylights</b>		269	1,425				/sf	1,694
	8810.010	<b>Glazing: All Types</b>								
		Frameless shower enclosure	1.00 ea	-	-	2,450	-	-	2,450.00 /ea	2,450
		<b>Glazing: All Types</b>				2,450			/sf	2,450
		<b>DOORS &amp; WINDOWS</b>		6,738	27,535	2,450				36,723
9000.000		<b>FINISHES</b>								
	9127.010	<b>GWB: Hanging Labor</b>								
		Labor Hang GWB Exterior	1,680.00 sf	1,904	-	-	-	-	1.13 /sf	1,904
		Labor Hang GWB Interior	2,240.00 sf	2,176	-	-	-	-	0.97 /sf	2,176
		Labor Hang GWB To Ceiling	1,300.00 sf	1,473	-	-	-	-	1.13 /sf	1,473
		<b>GWB: Hanging Labor</b>		5,553					/sf	5,553
	9132.010	<b>GWB: Finish Mud/Tape</b>								
		Labor GWB Finish All Steps	3,920.00 sf	3,702	-	-	-	-	0.94 /sf	3,702
		Labor GWB Ceiling Finish	1,300.00 sf	1,381	-	-	-	-	1.06 /sf	1,381
		<b>GWB: Finish Mud/Tape</b>		5,083					/sf	5,083
	9133.010	<b>GWB: Patch Existing</b>								
		Patch Existing Sheetrock	4.00 ea	600	140	-	-	-	185.00 /ea	740
		<b>GWB: Patch Existing</b>		600	140				/ea	740
	9205.010	<b>Lath/Plastr: Lath</b>								
		Lath and plaster complete	170.00 sy	8,500	2,550	-	-	-	65.00 /sy	11,050
		Stucco patch	3.00 ea	1,200	225	-	-	-	475.00 /ea	1,425
		<b>Lath/Plastr: Lath</b>		9,700	2,775				/sf	12,475
	9310.010	<b>Tile: Floor &amp; Wall</b>								
		Tile Shower labor only	1.00 ea	-	-	3,800	-	-	3,800.00 /ea	3,800
		Tile tub deck	1.00 ea	-	-	1,800	-	-	1,800.00 /ea	1,800
		Nitch	1.00 ea	-	-	200	-	-	200.00 /ea	200
		Shower pan	1.00 ea	-	-	350	-	-	350.00 /ea	350
		Install tile labor only	63.56 sf	-	-	1,144	-	-	18.00 /sf	1,144
		Tile fire-place surround	1.00 ea	-	-	2,100	-	-	2,100.00 /ea	2,100

Group	Phase	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Total Cost/Unit	Total Amount
		<b>Tile: Floor &amp; Wall</b>				<b>9,394</b>			<b>/sf</b>	<b>9,394</b>
	<b>9640.010</b>	<b>Flooring Wood</b>								
		Wood Flooring	849.09 sf	7,217	5,095	-	-	-	14.50 /sf	12,312
		<b>Flooring Wood</b>		<b>7,217</b>	<b>5,095</b>				<b>/sf</b>	<b>12,312</b>
	<b>9910.010</b>	<b>Painting: Ext Detailed</b>								
		Patch Paint Exterior	ls	-	-	<b>2,800</b>	-	-	/ls	2,800
		Paint Exterior By SF	2,000.00 sf	-	-	5,500	-	-	2.75 /sf	5,500
		<b>Painting: Ext Detailed</b>				<b>8,300</b>			<b>/sf</b>	<b>8,300</b>
	<b>9910.020</b>	<b>Painting: Int Detailed</b>								
		Paint Interior Prime and Two Coats	5,220.00 sf	-	-	11,745	-	-	2.25 /sf	11,745
		Paint Doors	19.00 ea	1,710	95	-	-	-	95.00 /ea	1,805
		Paint window	21.00 ea	1,890	84	-	-	-	94.00 /ea	1,974
		<b>Painting: Int Detailed</b>		<b>3,600</b>	<b>179</b>	<b>11,745</b>			<b>/sf</b>	<b>15,524</b>
		<b>FINISHES</b>		<b>31,754</b>	<b>8,189</b>	<b>29,439</b>				<b>69,382</b>
<b>10000.000</b>		<b>SPECIALTIES</b>								
	<b>10300.000</b>	<b>FirePlaces &amp; Stoves</b>								
		Manufactured Fireplace Chimneys	2.00 ea	700	6,400	-	-	-	3,550.00 /ea	7,100
		<b>FirePlaces &amp; Stoves</b>		<b>700</b>	<b>6,400</b>				<b>/ea</b>	<b>7,100</b>
	<b>10800.010</b>	<b>Misc Toilet/Bath Equip</b>								
		Mirror	36.00 sf	255	432	-	-	-	19.08 /sf	687
		Install finish bath hardware	20.00 ea	420	-	-	-	-	21.00 /ea	420
		<b>Misc Toilet/Bath Equip</b>		<b>675</b>	<b>432</b>				<b>/ea</b>	<b>1,107</b>
		<b>SPECIALTIES</b>		<b>1,375</b>	<b>6,832</b>					<b>8,207</b>
<b>15000.000</b>		<b>MECHANICAL</b>								
	<b>15400.000</b>	<b>Plumbing</b>								
		Rough Plumbing	6.00 ea	-	-	8,100	-	-	1,350.00 /ea	8,100
		Finish Plumbing	6.00 ea	-	-	2,220	-	-	370.00 /ea	2,220
		Gas Line	3.00 ea	-	-	1,650	-	-	550.00 /ea	1,650
		Hose Bibs and Ice makers	1.00 ea	-	-	100	-	-	100.00 /ea	100
		Hot Water Heater	1.00 ea	-	-	1,800	-	-	1,800.00 /ea	1,800
		<b>Plumbing</b>				<b>13,870</b>			<b>/ea</b>	<b>13,870</b>
	<b>15700.000</b>	<b>HVAC Systems</b>								
		HVAC (Sqft)	962.27 sf	-	-	11,124	-	-	11.56 /sf	11,124
		Dryer Vents & Bath Exhaust Fans	2.00 ea	-	-	550	-	-	275.00 /ea	550

Group	Phase	Description	Takeoff Quantity	Labor Amount	Material Amount	Sub Amount	Equip Amount	Other Amount	Total Cost/Unit	Total Amount
	15700.000	<b>HVAC Systems</b>								
		Furnace and Hot Water Flues	2.00 ea	-	-	1,180	-	-	590.00 /ea	1,180
		<b>HVAC Systems</b>				<b>12,854</b>			<b>/ea</b>	<b>12,854</b>
		<b>MECHANICAL</b>				<b>26,724</b>				<b>26,724</b>
<b>16000.000</b>		<b>ELECTRICAL</b>								
	16050.010	<b>Basic Elec Materl/Methods</b>								
		Boxes	175.00 ea	-	-	15,750	-	-	90.00 /ea	15,750
		Wire Connections & Devices	1.00 ea	-	-	250	-	-	250.00 /ea	250
		<b>Basic Elec Materl/Methods</b>				<b>16,000</b>			<b>/ea</b>	<b>16,000</b>
	16400.010	<b>Service Distribution</b>								
		Circuit breakers	8.00 ea	-	-	680	-	-	85.00 /ea	680
		<b>Service Distribution</b>				<b>680</b>			<b>/ea</b>	<b>680</b>
		<b>ELECTRICAL</b>				<b>16,680</b>				<b>16,680</b>
<b>17000.000</b>		<b>ALLOWANCES</b>								
	17000.100	<b>Allowances</b>								
		Plumbing fixture allowance	8.00 ea	-	3,000	-	-	-	375.00 /ea	3,000
		Light fixture allowance	70.00 ea	-	5,250	-	-	-	75.00 /ea	5,250
		Hardware allowance	ls	-	1,500	-	-	-	/ls	1,500
		Countertop allowance	20.00 sf	-	-	1,700	-	-	85.00 /sf	1,700
		<b>Allowances</b>			<b>9,750</b>	<b>1,700</b>			<b>/ea</b>	<b>11,450</b>
		<b>ALLOWANCES</b>			<b>9,750</b>	<b>1,700</b>				<b>11,450</b>

Estimate Totals

Description	Amount	Totals	Hours	Rate	Cost Basis	Cost per Unit	Percent of Total
Labor	192,837		3,085.714 hrs				38.60%
Material	114,598						22.94%
Subcontract	107,288						21.47%
Equipment	4,367		532.526 hrs				0.87%
Other	4,997						1.00%
	<b>424,087</b>	<b>424,087</b>					<b>84.88 84.88%</b>
Overhead	21,204			5.000 %	T		4.24%
Profit	44,529			10.000 %	T		8.91%

**Estimate Totals**

Insurance	9,796	2.000 %	T	1.96%
<b>Total</b>	<b>499,616</b>			