

## **Bob Rettig Construction and Consulting**

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BRCC  
30262 Crown Valley Pkwy #B505  
Laguna Niguel, CA 92677  
(949)-481-1854

Client: Sample A, Code  
Property: Main St.  
Anytown, Ca. 90000

Home: (714) 345-4265

Operator Info:

Operator: JOE

Estimator: BRCC 2  
Company: Bob Rettig Construction Consulting  
Business: 30262 Crown Valley Parkway, Suite B505  
Laguna Niguel, CA 92677

Business: (949) 481-1854  
E-mail: BRettig@RettigConsults.com

Type of Estimate: Fire

Date Entered: 12/7/2007

Date Assigned:

Price List: CABD2S7D

Labor Efficiency: New Construction

Estimate: SAMPLE\_A\_CODE

### Code Upgrades

**This estimate is a guide only to be representative of the cost and scope of work required to adjust for upgrades required by current codes and ordinances for a moderate, 1-Story home of approximately 1920 square feet. Each home is unique in it's construction, finishes and age and costs for these upgrades must be determined on a home by home basis.**

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### SAMPLE\_A\_CODE

#### SAMPLE\_A\_CODE

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
Note: The code upgrades for this home include shear paneling, additional metal ties and hangers, fire sprinklers, title 24 energy calculations.				
1. Exposed fire protection system (SF of bldg)	1,920.00 SF	0.00	2.34	4,492.80
2. Sheathing - plywood - 1/2" CDX	2,467.00 SF	0.00	1.06	2,615.02
3. Framing hardware allowance - metal hangers and straps (material only)	1.00 EA	0.00	200.00	200.00
4. Carpenter - General Framer - per hour	16.00 HR	0.00	59.64	954.24
5. Add for tempered glass	616.00 SF	0.00	8.50	5,236.00
Total: SAMPLE_A_CODE				13,498.06

### General Conditions

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
6. Architectural /Engineering Fees - ALLOWANCE	1.00 LS	0.00	1,500.00	1,500.00
7. Residential supervision - per hour	64.95 HR	0.00	49.00	3,182.55
8. Temporary power usage (per month)	1.00 MO	0.00	169.22	169.22
9. Dumpster load - Approx. 12 yards, 1-3 ton of debris	1.00 EA	310.00	0.00	310.00
Totals: General Conditions				5,161.77

**Line Item Totals: SAMPLE\_A\_CODE** **18,659.83**

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### Summary for Dwelling

Line Item Total			18,659.83
Material Sales Tax	@	7.750%	647.54
Subtotal			19,307.37
Overhead	@	10.0%	1,930.74
Profit	@	10.0%	1,930.74
<b>Replacement Cost Value</b>			<b>\$23,168.85</b>
<b>Net Claim</b>			<b>\$23,168.85</b>

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BRCC 2

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### Recap by Room

<b>Estimate: SAMPLE_A_CODE</b>	<b>13,498.06</b>	<b>72.34%</b>
<b>General Conditions</b>	<b>5,161.77</b>	<b>27.66%</b>
<hr/>	<hr/>	<hr/>
<b>Subtotal of Areas</b>	<b>18,659.83</b>	<b>100.00%</b>
<hr/>	<hr/>	<hr/>
<b>Total</b>	<b>18,659.83</b>	<b>100.00%</b>

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### Recap by Category

O&P Items			Total	%
GENERAL DEMOLITION			310.00	1.34%
PERMITS AND FEES			1,500.00	6.47%
FIRE PROTECTION SYSTEMS			4,492.80	19.39%
FRAMING & ROUGH CARPENTRY			3,769.26	16.27%
LABOR ONLY			3,182.55	13.74%
TEMPORARY REPAIRS			169.22	0.73%
WINDOWS - ALUMINUM			5,236.00	22.60%
O&P Items Subtotal			18,659.83	80.54%
Material Sales Tax	@	7.750%	647.54	2.79%
Overhead	@	10.0%	1,930.74	8.33%
Profit	@	10.0%	1,930.74	8.33%
Total			23,168.85	100.00%

## **Bob Rettig Construction and Consulting**

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Client: Sample C, Code  
Property: Main St.  
Anytown, CA, CA 92065

Operator Info:  
Operator: BOB

Estimator: Bob Rettig

Business: (949) 481-1854  
E-mail: [brettig@rettigconsults.com](mailto:brettig@rettigconsults.com)

Type of Estimate: Fire  
Date Entered: 10/14/2015                      Date Assigned:

Price List: CASD2S7D  
Labor Efficiency: New Construction  
Estimate: SAMPLE\_C\_CODE

### **Code Upgrades**

**This estimate is a guide only to be representative of the cost and scope of work required to adjust for upgrades required by current codes and ordinances for a moderate, 1-Story home of approximately 1300 square feet. Each home is unique in it's construction, finishes and age and costs for these upgrades must be determined on a home by home basis.**

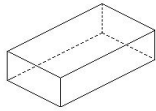
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## SAMPLE\_C\_CODE

### Code Upgrades

LxWxH 540'0" x 16'0" x 6"

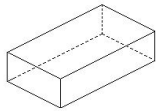


556.00 SF Walls  
 9,196.00 SF Walls & Ceiling  
 960.00 SY Flooring  
 270.00 SF Long Wall  
 1,112.00 LF Ceil. Perimeter

8,640.00 SF Ceiling  
 8,640.00 SF Floor  
 1,112.00 LF Floor Perimeter  
 8.00 SF Short Wall

### Subroom 1: Driveway #2

LxWxH 999'0" x 16'0" x 6"

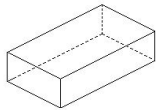


1,015.00 SF Walls  
 16,999.00 SF Walls & Ceiling  
 1,776.00 SY Flooring  
 499.50 SF Long Wall  
 2,030.00 LF Ceil. Perimeter

15,984.00 SF Ceiling  
 15,984.00 SF Floor  
 2,030.00 LF Floor Perimeter  
 8.00 SF Short Wall

### Subroom 2: Driveway #2 offset

LxWxH 21'0" x 16'0" x 6"

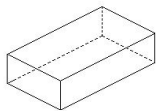


37.00 SF Walls  
 373.00 SF Walls & Ceiling  
 37.33 SY Flooring  
 10.50 SF Long Wall  
 74.00 LF Ceil. Perimeter

336.00 SF Ceiling  
 336.00 SF Floor  
 74.00 LF Floor Perimeter  
 8.00 SF Short Wall

### Subroom 3: Driveway #3

LxWxH 300'0" x 16'0" x 6"



316.00 SF Walls  
 5,116.00 SF Walls & Ceiling  
 533.33 SY Flooring  
 150.00 SF Long Wall  
 632.00 LF Ceil. Perimeter

4,800.00 SF Ceiling  
 4,800.00 SF Floor  
 632.00 LF Floor Perimeter  
 8.00 SF Short Wall

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
1. Exposed fire protection system (SF of bldg) for residence	2,197.33 SF	0.00	2.52	5,537.27
2. Water supply line - copper with fitting and hanger, 1" - Allowance to accomodate sprinkler system	250.00 LF	0.00	27.92	6,980.00
3. Water heater seismic strap kit - up to 55 gallon	1.00 EA	0.00	41.33	41.33
4. Seimsmic hardware - Allowance	1.00 BD	0.00	1,000.00	1,000.00

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### CONTINUED - Code Upgrades

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
Note: The following allowance costs are to increase the footing sizes to accommodate the added shear requirements:				
5. Footings - labor & materials - Reinforced	1.00 EA	0.00	1,500.00	1,500.00
6. Photo-electric timer for lights	2.00 EA	0.00	41.84	83.68
7. Breaker panel - 200 amp with AFCI breakers	1.00 EA	0.00	1,505.49	1,505.49
8. Breaker panel - 200 amp with out AFCI breakers - CREDIT ITEM	1.00 EA	0.00	-989.94	-989.94
9. Ground fault interrupter (GFI) outlet	3.00 EA	0.00	27.56	82.68
Fire Resistant Construction:				
10. Add for tempered glass on windows	786.00 SF	0.00	8.50	6,681.00
11. Carpenter - General Frammer - per hour to enlarge front gate	6.00 HR	0.00	64.93	389.58
Holding Tank - The Fire Marshall has mandated that (2) 10,000 gallon water holding tanks must be installed as well as (2) onsite fire hydrants. The location and size of the existing water source is unknown and therefore the cost to install the onsite hydrants could go up. The cost of the holding tanks is a firm bid.				
12. Water Holding Tanks, installed (2 @ 10,000 gallons ea); Bid - Aspin Drilling	1.00 EA	0.00	26,600.00	26,600.00
13. Labor and material Allowance to increase 1" water line from holding tanks to residence	150.00 LF	0.00	15.00	2,250.00
14. Install on-site fire hydrant - Allowance	2.00 EA	0.00	10,000.00	20,000.00
Note: The fire marshall has mandated that the roads be made of decomposed granite and be a minimum of 16' wide and with the ability to turnaround a fire truck. This work is not covered under this policy.				
15. Excavation	CY	0.00	6.57	0.00
16. Decomposed granite - materials only - basic sand color	TN	0.00	40.00	0.00
17. Backhoe loader and operator to place DG	HR	0.00	77.63	0.00
18. Riding drum compactor and operator	HR	0.00	67.50	0.00
19. Delivery charge per truck (12 yards)	EA	0.00	85.00	0.00
Totals: Code Upgrades				71,661.09

### General Conditions

DESCRIPTION	QNTY	REMOVE	REPLACE	TOTAL
SAMPLE_C_CODE			10/14/2015	Page: 3



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**CONTINUED - General Conditions**

<b>DESCRIPTION</b>	<b>QNTY</b>	<b>REMOVE</b>	<b>REPLACE</b>	<b>TOTAL</b>
20. General and progressive clean - up	43.30 HR	0.00	34.09	1,476.10
21. Temporary toilet (per month)	0.50 MO	0.00	105.07	52.54
22. Temporary power usage (per month)	0.50 MO	0.00	89.22	44.61
23. Temporary storage container	0.50 MO	0.00	80.00	40.00
24. Architectural & Engineering fees - 6% of construction costs - ALLOWANCE	1.00 EA	0.00	6,183.06	6,183.06
<b>Totals: General Conditions</b>				<b>7,796.31</b>
<b>Line Item Totals: SAMPLE_C_CODE</b>				<b>79,457.40</b>

**Grand Total Areas:**

1,924.00 SF Walls	29,760.00 SF Ceiling	31,684.00 SF Walls and Ceiling
29,760.00 SF Floor	3,306.67 SY Flooring	3,848.00 LF Floor Perimeter
930.00 SF Long Wall	32.00 SF Short Wall	3,848.00 LF Ceil. Perimeter
0.00 Floor Area	0.00 Total Area	0.00 Interior Wall Area
0.00 Exterior Wall Area	0.00 Exterior Perimeter of Walls	
0.00 Surface Area	0.00 Number of Squares	0.00 Total Perimeter Length
0.00 Total Ridge Length	0.00 Total Hip Length	

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**Summary for Dwelling**

Line Item Total			79,457.40
Material Sales Tax	@	7.750%	2,544.49
Subtotal			82,001.89
Overhead	@	15.0%	12,300.28
Profit	@	15.0%	12,300.28
<b>Replacement Cost Value</b>			<b>\$106,602.45</b>
<b>Net Claim</b>			<b>\$106,602.45</b>

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**Recap by Room**

<b>Estimate: SAMPLE_C_CODE</b>		
<b>Code Upgrades</b>	<b>71,661.09</b>	<b>90.19%</b>
<b>General Conditions</b>	<b>7,796.31</b>	<b>9.81%</b>
<hr/>	<hr/>	<hr/>
<b>Subtotal of Areas</b>	<b>79,457.40</b>	<b>100.00%</b>
<hr/>	<hr/>	<hr/>
<b>Total</b>	<b>79,457.40</b>	<b>100.00%</b>

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### Recap by Category

O&P Items		Total	%	
CLEANING		1,476.10	1.38%	
CONCRETE & ASPHALT		1,500.00	1.41%	
ELECTRICAL		598.23	0.56%	
PERMITS AND FEES		6,183.06	5.80%	
FIRE PROTECTION SYSTEMS		5,537.27	5.19%	
FRAMING & ROUGH CARPENTRY		1,389.58	1.30%	
LIGHT FIXTURES		83.68	0.08%	
PLUMBING		35,871.33	33.65%	
SPECIALTY ITEMS		20,000.00	18.76%	
TEMPORARY REPAIRS		137.15	0.13%	
WINDOWS - ALUMINUM		6,681.00	6.27%	
O&P Items Subtotal		79,457.40	74.54%	
Material Sales Tax	@	7.750%	2,544.49	2.39%
Overhead	@	15.0%	12,300.28	11.54%
Profit	@	15.0%	12,300.28	11.54%
Total		106,602.45	100.00%	