

IMPROVEMENT ANALYSIS REPORT

Building Name: Rich Two New

Date: May 29, 2007

Owner's Name:

Builder's Name: Ezell-Morgan Construction, Inc

Property 1107 Douglas Drive

Weather Site: Topeka, KS

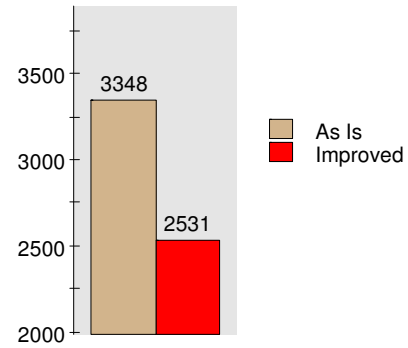
Address: Lawrence, KS 66049

File Name: 1107 Douglas.blg

Energy Costs (\$/yr)

End-Use	As Is	With All Improvements	Savings
Heating	1750	1135	615
Cooling	308	260	48
Hot Water	264	264	0
Lights and Appliances	813	659	154
Photovoltaics	-0	-0	0
Service Charge	216	216	0
TOTAL	3350	2533	817

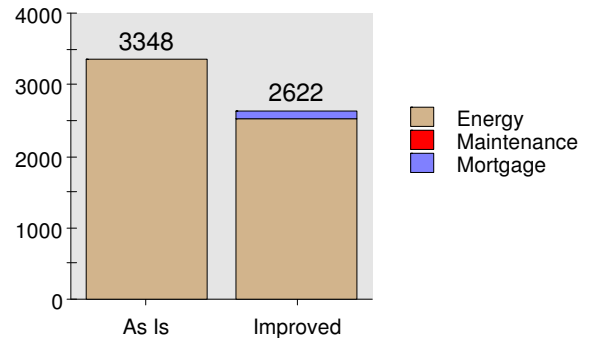
Total Costs (\$/yr)



Information For Lenders and Appraisers

Installed Cost of Improvements (\$)	1246
Cost Weighted Life of Measure (Years)	31
Mortgage Term (Years)	30
Discount/Mortgage Rate (%)	6.000
Present Value Factor	14.0
Expected Annual Energy Savings (\$)	817
Expected Annual Maintenance Costs (\$)	0
Expected Annual Savings (\$)	817
Increased Annual Mortgage Costs (\$)	91
Present Value of Savings (\$)	11443
Expected Annual Cash Flow (\$)	727

Cost Comparison (\$/yr)



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Page 2

Recommended Improvements

Measure Costs	Life	Cost	Yr Savings	SIR	PV	SP
1: Switch to Cellulose	30	0	12	99999.9	166	0.00
2: Duct Trough	30	0	0	99999.9	0	99999.90
3: Change to 13W CFLs	27	-417	79	99999.9	1456	0.00
4: Change cans to 14W CFLs	22	-420	13	99999.9	578	0.00
5: Change to 13W CFLs	27	-11	38	99999.9	515	0.00
6: Add R-9 polyiso. 4 ft	30	677	359	7.3	4268	1.88
7: 80% -> 92% furnace	30	670	184	3.8	1869	3.63
8: Add R-2.5 boxing	30	181	35	2.7	303	5.14
9: Standard-->LoE/Argon	25	260	46	2.3	329	5.64
10: Standard-->LoE/Argon	25	150	27	2.3	190	5.64
11: Standard-->LoE/Argon	25	100	17	2.1	114	5.97
12: Standard-->LoE/Argon	25	50	7	1.7	34	7.59
13: Add R-2.5 rim boxing	30	5	0	0.6	-2	24.48

Criteria

Ranking Criteria: SIR

Maximum \$ Limit: No Limit

Cutoff: 0

Measures: Interactive