GREEN DREAM GROUP LLC

more comfort, lower costs, better life.

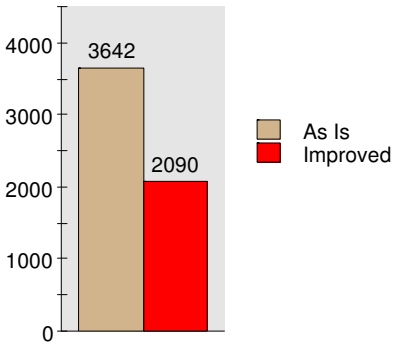
IMPROVEMENT ANALYSIS REPORT

Date:	August 06, 2009	Rating No.:	CL090730DELAFLEUR
Building Name:	DE LA FLEUR HOME	Rating Org.:	GREEN DREAM GROUP, LLC
Owner's Name:	MARCUS DE LA FLEUR	Phone No.:	773.271.5310
Property:	3141 W. 15th St.	Rater's Name:	CORBETT LUNSFORD
Address:	CHICAGO, IL 60623	Rater's No.:	CL1040
Builder's Name:	SELF		
Weather Site:	Chicago, IL	Rating Type:	Projected Rating
File Name:	DELAFLEUR-IMPROVEMENTS.blg	Rating Date:	07/30/2009

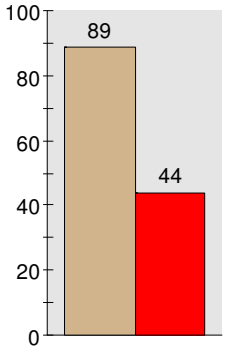
Energy Costs ($/yr)

End-Use	As Is	With All Improvements	Savings
Heating	2026	673	1353
Cooling	0	0	0
Hot Water	186	0	186
Lights and Appliances	1168	1343	-175
Photovoltaics	-0	-189	189
Service Charge	264	264	0
TOTAL	3644	2091	1553

Total Costs ($/yr)



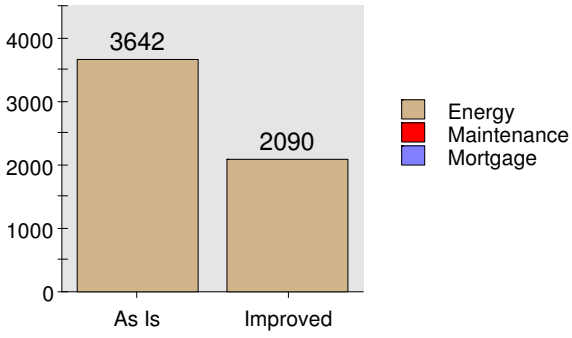
HERS Index



Information For Lenders and Appraisers

Installed Cost of Improvements ($)	0
Cost Weighted Life of Measure (Years)	0
Mortgage Term (Years)	30
Discount/Mortgage Rate (%)	6.000
Present Value Factor	0.0
Expected Annual Energy Savings ($)	1553
Expected Annual Maintenance Costs ($)	0
Expected Annual Savings ($)	1553
Increased Annual Mortgage Costs ($)	0
Present Value of Savings ($)	0
Expected Annual Cash Flow ($)	1553

Cost Comparison ($/yr)



Recommended Improvements

Component	Life	Cost	Yr Savings	Index
1. Ceiling 1: MAIN	30	0	14	88
Existing: R-38 Blown, Attic				
Proposed: R-52 Foam INT.				
Measure: R-52 SPRAY INSULATION				
2. Slab Flr 1: MAIN	30	0	15	87
Existing: Uninsulated				
Proposed: R-5 Under Slab				
Measure: R-5 SLAB INSULATION				
3. Infiltration:	30	0	603	78
Existing: 0.5-0.7/0.5-0.7 ACHnat				
Proposed: 66.0/66.0 % Reduction				
Measure: ACHIEVE .2 NACH				
Group:	0	0	15	77
4. Rim/Band 1: FL1	30	0		
Existing: R-0.0 / R-13.0				
Proposed: R-0.0 / R-21.0				
Measure: R-21 SPRAY FOAM				
5. Rim/Band 2: FL1 REAR	30	0		
Existing: R-0.0 / R-13.0				
Proposed: R-0.0 / R-21.0				
Measure: R-21 SPRAY FOAM				
6. Rim/Band 3: FL2	30	0		
Existing: R-0.0 / R-13.0				
Proposed: R-0.0 / R-21.0				
Measure: R-21 SPRAY FOAM				
7. Rim/Band 4: FL2 REAR	30	0		
Existing: R-0.0 / R-13.0				
Proposed: R-0.0 / R-21.0				
Measure: R-21 SPRAY FOAM				
End Group				
Group:	0	0	338	68
8. AG Wall 1: FL1	30	0		
Existing: R-13				
Proposed: R-21, R-10 CONT.				
Measure: R-21, R-10 CONT.				
9. AG Wall 2: FL1 STAIR	30	0		
Existing: R-13				
Proposed: R-21, R-10 CONT.				
Measure: R-21, R-10 CONT.				

Component	Life	Cost	Yr Savings	Index
10. AG Wall 4: FL2	30	0		
Existing: R-13				
Proposed: R-21, R-10 CONT.				
Measure: R-21, R-10 CONT.				
11. AG Wall 5: FL2 STAIR	30	0		
Existing: R-13				
Proposed: R-21, R-10 CONT.				
Measure: R-21, R-10 CONT.				
End Group				
Group:	0	0	61	67
12. Fnd Wall 1: MAIN	30	0		
Existing: R-13 FINISHED				
Proposed: R-21, R-10 CONT INT				
Measure: R-21 SPRAY, R-10 CONT INT				
13. Fnd Wall 3: STAIRWELL	30	0		
Existing: R-13 FINISHED				
Proposed: R-21, R-10 CONT INT				
Measure: R-21 SPRAY, R-10 CONT INT				
End Group				
Group:	0	0	185	61
14. Window 1: NORTH (FRONT) BSMT	30	0		
Existing: Double - Vinyl				
Proposed: Dbl/LoE/Argon-Wood+				
Measure: WINDOWS-UPGRADE				
15. Window 2: NORTH FL1	30	0		
Existing: Double - Vinyl				
Proposed: Dbl/LoE/Argon-Wood+				
Measure: WINDOWS-UPGRADE				
16. Window 3: NORTH FL2	30	0		
Existing: Double - Vinyl				
Proposed: Dbl/LoE/Argon-Wood+				
Measure: WINDOWS-UPGRADE				
17. Window 4: EAST BSMT	30	0		
Existing: Double - Vinyl				
Proposed: Dbl/LoE/Argon-Wood+				
Measure: WINDOWS-UPGRADE				
18. Window 5: EAST FL1	30	0		
Existing: Double - Vinyl				
Proposed: Dbl/LoE/Argon-Wood+				
Measure: WINDOWS-UPGRADE				
19. Window 6: EAST FL2	30	0		

Existing: Double - Vinyl				
Proposed: Dbl/LoE/Argon-Wood+				
Measure: WINDOWS-UPGRADE				
20. Window 7: SOUTH BSMT	30	0		
Existing: Double - Vinyl				
Proposed: Dbl/LoE/Argon-Wood+				
Measure: WINDOWS-UPGRADE				
21. Window 8: SOUTH FL1	30	0		
Existing: Double - Vinyl				
Proposed: Dbl/LoE/Argon-Wood+				
Measure: WINDOWS-UPGRADE				
22. Window 9: SOUTH FL2	30	0		
Existing: Double - Vinyl				
Proposed: Dbl/LoE/Argon-Wood+				
Measure: WINDOWS-UPGRADE				
23. Window10: WEST BSMT	30	0		
Existing: Double - Vinyl				
Proposed: Dbl/LoE/Argon-Wood+				
Measure: WINDOWS-UPGRADE				
24. Window11: WEST FL1	30	0		
Existing: Double - Vinyl				
Proposed: Dbl/LoE/Argon-Wood+				
Measure: WINDOWS-UPGRADE				
25. Window12: WEST FL2	30	0		
Existing: Double - Vinyl				
Proposed: Dbl/LoE/Argon-Wood+				
Measure: WINDOWS-UPGRADE				
End Group				
Group:	0	0	18	61
26. Door 1: FRONT	30	0		
Existing: 1-3/4 Wd solid core				
Proposed: Steel-urth w/brk				
Measure: DOORS-UPGRADE				
27. Door 2: BSMT STAIR	30	0		
Existing: 1-3/4 Wd solid core				
Proposed: Steel-urth w/brk				
Measure: DOORS-UPGRADE				
28. Door 3: BSMT OUT	30	0		
Existing: 1-3/4 Wd solid core				
Proposed: Steel-urth w/brk				
Measure: DOORS-UPGRADE				
29. Door 4: FL1 REAR	30	0		

Existing: 1-3/4 Wd solid core				
Proposed: Steel-urth w/brk				
Measure: DOORS-UPGRADE				
30. Door 5: FL2 REAR	30	0		
Existing: 1-3/4 Wd solid core				
Proposed: Steel-urth w/brk				
Measure: DOORS-UPGRADE				
End Group				
31. Active Solar:	30	0	264	54
Existing: None				
Proposed: DHW&Sp - 128.0sqft				
Measure: SOLAR THERMAL				
32. Equip 1: HEAT:	30	0	74	49
Existing: 80AFUE Gas Boil 75k				
Proposed: 90 AFUE BOILER 60k				
Measure: 90% BOILER				
33. Photovoltaics:	30	0	189	45
Existing: None				
Proposed: 2000 DC Watts				
Measure: Photovoltaic System, 2kW				
34. Ventilation:	30	0	-224	44
Existing: None				
Proposed: S&R - 300.0 CFM				
Measure: MECHANICAL VENTILATION				

Criteria

Ranking Criteria: SIR	Maximum $ Limit: No Limit
Cutoff: 0	Measures: Interactive

The home's energy efficiency is rated using the HERS Index as defined in the RESNET "Mortgage Industry National Home Energy Rating Systems Accreditation Standards," 2006. An Index of 100 represents a home that meets current energy codes. A lower Index indicates the home uses less energy than a code home, a higher Index indicates the home uses more energy than a code home. The rating considers all energy use in the home. The rating should be used only for comparison, since it assumes average climate and thermostat settings, quantities of hot water, and internal loads for a typical household. Energy costs are based on local energy prices at the time of rating. If energy efficiency improvements are made to the home, or energy prices change significantly, the rating and annual energy costs may change. Although every effort has been made to provide accurate information, this rating does not constitute a warranty, expressed or implied, about the energy efficiency or operating costs of the house. Estimated savings are calculated assuming that the improvements are implemented in the order listed, and in accordance with all local codes and standards. The cost estimates for improvements are established by the local HERS provider.