

SmartRegs Prescriptive Pathway

Property Address:	123 Boulder		Unit:	
Dates of Inspections and Updates:	Initial Inspection Date:	Update Date:	Compliance Date:	
	7/9/05			
Inspector:	Scott Home Inspection			
Owner:				
Agent:				



BASELINE	
Total Base Points [Energy Efficiency]	105
Total Base Points [Water Conservation]	3
Total Points Needed [Energy Efficiency]	0
Total Points Needed [Water Conservation]	0

UPGRADES	
Total Upgrade Points [Energy Efficiency]	0
Total Upgrade Points [Water]	0

FINAL	
Total Final Points [Energy Efficiency]	105
Total Final Points [Water]	3

Compliant	<input checked="" type="checkbox"/>
Not Compliant	<input type="checkbox"/>

	Walls	Baseline - % of Home				Base Points
		25%	50%	75%	100%	
Walls	No Insulation	0	0	0	0	0
	R-3 Continuous (must be at least R-3)	3	6	9	12	0
	R-5 Continuous	4	8	12	15	0
	R-13	5	10	15	20	0
	Uninsulated Basement Wall	5	10	15	20	0
	R-19 or Better	5	11	16	(21)	21
	Insulated Basement Wall	6	13	19	26	0
	Shared Wall	6	13	19	26	0
	Walls Summary					21

Inspector Notes:

	Upgrade - % of Home				Upgrade Points
	25%	50%	75%	100%	
	0	0	0	0	0
	3	6	9	12	0
	4	8	12	15	0
	5	10	15	20	0
	5	10	15	20	0
	5	11	16	21	0
	6	13	19	26	0
	6	13	19	26	0
Upgrade Points					0

Walls	Final Points
No Insulation	0
R-3 Continuous (must be at least R-3)	0
R-5 Continuous	0
R-13	0
Uninsulated Basement Wall	0
R-19 or Better	21
Insulated Basement Wall	0
Shared Wall	0
Walls Summary	21

	Windows / Fenestration	Baseline - % of Home				Base Points
		25%	50%	75%	100%	
Windows / Fenestration	Single Metal (1.2 U-Value)	0	0	0	0	0
	Single Non-Metal (0.95 U-Value)	0	1	1	2	0
	Double Metal (0.8 U-Value)	1	2	3	4	0
	Double Non-Metal (0.55 U-Value)	2	3	5	6	0
	0.35 U-Value	3	7	10	(13)	13
	0.30 U-Value	3	7	10	14	0
	0.25 U-Value	4	7	11	14	0
	Windows / Fenestration Summary					13

Inspector Notes:

	Upgrade - % of Home				Upgrade Points
	25%	50%	75%	100%	
	0	0	0	0	0
	0	1	1	2	0
	1	2	3	4	0
	2	3	5	6	0
	3	7	10	13	0
	3	7	10	14	0
	4	7	11	14	0
Upgrade Points					0

Windows/Fenestration	Final Points
Single Metal (1.2 U-Value)	0
Single Non-Metal (0.95 U-Value)	0
Double Metal (0.8 U-Value)	0
Double Non-Metal (0.55 U-Value)	0
0.35 U-Value	13
0.30 U-Value	0
0.25 U-Value	0
Windows/Fenestration Summary	13

	Infiltration	Baseline	
		Selection	Base Points
Infiltration	NOT TESTED or >1.2 nACH	(0)	0
	1.2 nACH	2	0
	0.75 nACH	4	0
	0.50 nACH	6	0
	0.35 nACH (ventilate per ASHRAE 62.2)	7	0
	Infiltration Summary		0
CFM		Inspector Notes:	
N-Factor			
Volume			
nACH (auto-calculated)	#VALUE!		

Upgrade	
Selection	Upgrade Points
0	0
2	0
4	0
6	0
7	0
	0
Upgrade Points	0

Infiltration	Final Points
NOT TESTED or >1.2 nACH	0
1.2 nACH	0
0.75 nACH	0
0.50 nACH	0
0.35 nACH (ventilate per ASHRAE 62.2)	0
	0

	Attic / Ceiling	Baseline - % of Home				Base Points
		25%	50%	75%	100%	
Attic / Ceiling	No Insulation to R-18	0	0	0	0	0
	R-19	6	12	18	24	0
	R-30	6	13	19	(26)	26
	R-38 or Better	7	13	20	26	0
	Shared Ceilings	7	14	20	27	0
	Attic / Ceiling Summary					26
Inspector Notes:						

Upgrade - % of Home					Upgrade Points
25%	50%	75%	100%		
0	0	0	0	0	
6	12	18	24	0	
6	13	19	26	0	
7	13	20	26	0	
7	14	20	27	0	
				0	
Upgrade Points					0

Attic / Ceiling	Final Points
No Insulation	0
R-19	0
R-30	26
R-38 or Better	0
Shared Ceilings	0
	26

	Slab / Foundation	Baseline - % of Home				Base Points
		25%	50%	75%	100%	
Slab / Foundation	<i>Slab on Grade</i>					
	Slab Edge: R-0	2	3	5	6	0
	Slab Edge: R-5	2	4	5	7	0
	Slab Edge: R-10 or Better	2	4	6	8	0
	Slab Edge R-10 plus Under Slab R-10 or Better	3	6	8	11	0
	<i>Below Grade Slab (Basement slab)</i>					
	Basement Slab	2	4	6	(8)	8
	<i>Foundation Walls (Crawlspace)</i>					
	R-0	0	0	0	0	0
	R-2	2	3	5	6	0
	R-11	2	4	6	8	0
	R-19 or Better	2	5	7	9	0
	<i>Floor (Only Available if No Ducts or HVAC Equipment are Located in Uninsulated Crawlspace Below Floor)</i>					
	Floor Over Crawl: R-0	0	0	0	0	0
	Floor Over Crawl: R-13	3	5	8	11	0
	Floor Over Crawl: R-25	3	6	9	12	0
	Floor Over Crawl: R-38 or Better	4	7	11	14	0
	Shared Floor	4	8	11	15	0
	Slab / Foundation Summary					8
	Inspector Notes:					

Upgrade - % of Home					Upgrade Points
25%	50%	75%	100%		
2	3	5	6	0	
2	4	5	7	0	
2	4	6	8	0	
3	6	8	11	0	
2	4	6	8	0	
0	0	0	0	0	
2	3	5	6	0	
2	4	6	8	0	
2	5	7	9	0	
0	0	0	0	0	
3	5	8	11	0	
3	6	9	12	0	
4	7	11	14	0	
4	8	11	15	0	
				0	
Upgrade Points					0

Slab / Foundation	Final Points
Slab Edge: R-0	0
Slab Edge: R-5	0
Slab Edge: R-10 or Better	0
Slab Edge R-10 plus Under Slab R-10 or Better	0
Basement Slab	8
R-0	0
R-2	0
R-11	0
R-19 or Better	0
Floor Over Crawl: R-0	0
Floor Over Crawl: R-13	0
Floor Over Crawl: R-25	0
Floor Over Crawl: R-38 or Better	0
Shared Floor	0
	8

	Baseline		Base Points
	Duct Leakage	Selection	
Duct Leakage	NOT TESTED	(0)	0
	80 cfm @ 25 Pa	0	0
	60 cfm @ 25 Pa	4	0
	40 cfm @ 25 Pa	9	0
	20 cfm @ 25 Pa	14	0
	10 cfm @ 25 Pa or Less or no ducts (radiant)	17	0
	Summary		0
Inspector Notes:			

Upgrade	
Selection	Upgrade Points
0	0
0	0
4	0
9	0
14	0
17	0
0	0
Upgrade Points	0

Duct Leakage	Final Points
NOT TESTED	0
80 cfm @ 25 Pa	0
60 cfm @ 25 Pa	0
40 cfm @ 25 Pa	0
20 cfm @ 25 Pa	0
10 cfm @ 25 Pa or Less or no ducts (radiant)	0
0	0

	Baseline - % of Home				Base Points	
	Ducts / Radiant	25%	50%	75%		100%
Ducts / Radiant	Uninsulated Pipes/Ducts (In Unconditioned Space)	0	0	0	0	0
	Pipes/Ducts Insulated to at Least R-4 (In Unconditioned Space)	1	3	4	6	0
	Pipes/Ducts Entirely Within Conditioned Space	2	3	5	(7)	7
	Summary					7
Inspector Notes:						

Upgrade - % of Home					Upgrade Points
25%	50%	75%	100%		
0	0	0	0	0	0
1	3	4	6	0	0
2	3	5	7	0	0
0	0	0	0	0	0
Upgrade Points					0

Ducts / Radiant	Final Points
Uninsulated Pipes/Ducts (In Unconditioned Space)	0
Pipes/Ducts Insulated to at Least R-4 (In Unconditioned Space)	0
Pipes/Ducts Entirely Within Conditioned Space	7
0%	7

	Baseline		Base Points
	Heating	Selection	
Heating	Electric, Oil, or ASHP	0	0
	Gas 65 AFUE or worse	0	0
	Gas 80 AFUE	13	0
	Gas 90 AFUE	(17)	17
	Gas 96 AFUE	19	0
	GSHP (COP 3.3)	29	0
	GSHP (COP 4.1)	38	0
	GSHP (COP 4.8)	43	0
	Summary		17
Make:	Inspector Notes:		
Model:			

Upgrade	
Selection	Upgrade Points
0	0
0	0
13	0
17	0
19	0
29	0
38	0
43	0
0	0
Upgrade Points	0

Heating	Final Points
Electric, Oil, or ASHP	0
Gas 65 AFUE or worse	0
Gas 80 AFUE	0
Gas 90 AFUE	17
Gas 96 AFUE	0
GSHP (COP 3.3)	0
GSHP (COP 4.1)	0
GSHP (COP 4.8)	0
17	17

		Baseline	
Cooling	Cooling	Selection	Base Points
	10 SEER or worse	0	0
	13 SEER	(4)	4
	15 SEER / Evaporative Cooler	6	0
	No A/C	6	0
	17 SEER	7	0
	19 SEER / Indirect Evaporative Cooler	8	0
	GSHP (>EER 13.5)	4	0
Summary			4
Make:	Inspector Notes:		
Model:			

Upgrade	
Selection	Upgrade Points
0	0
4	0
6	0
6	0
7	0
8	0
4	0
0	
Upgrade Points	0

Cooling	Final Points
10 SEER or worse	0
13 SEER	4
15 SEER / Evaporative Cooler	0
No A/C	0
17 SEER	0
19 SEER / Indirect Evaporative Cooler	0
GSHP (>EER 13.5)	0
4	

		Baseline	
Fans	Fans	Installed	Base Points
	Whole House Fan (In Addition to Cooling Points)	NO	0
	Summary		
Inspector Notes:			

Upgrade	
Installed	Upgrade Points
NO	0
0	
Upgrade Points	0

Fans	Final Points
Whole House Fan (In Addition to Cooling Points)	0
0	

		Baseline	
Lighting	Lighting	Selection	Base Points
	0%	0	0
	25%	2	0
	50%	(4)	4
	75%	6	0
	100%	7	0
	Summary		
Inspector Notes:			

Upgrade	
Selection	Upgrade Points
0	0
2	0
4	0
6	0
7	0
0	
Upgrade Points	0

Lighting	Final Points
0%	0
25%	0
50%	4
75%	0
100%	0
4	

		Baseline	
Hot Water	Hot Water	Selection	Base Points
	Electric, Oil or Heat Pump	0	0
	Gas 56 EF	0	0
	Gas 60 EF	(1)	1
	Gas 64 EF	2	0
	Gas Tankless 82 EF or Better	6	0
	Gas Boiler Side Arm (65 AFUE Boiler)	0	0
	Gas Boiler Side Arm (80 AFUE Boiler)	3	0
	Gas Boiler Side Arm (95 AFUE Boiler)	5	0
Summary			1
Make:	Inspector Notes:		
Model:			

		Upgrade	
	Selection	Upgrade Points	
	0	0	
	0	0	
	1	0	
	2	0	
	6	0	
	0	0	
	3	0	
	5	0	
		0	
Upgrade Points		0	

Hot Water	Final Points
Electric, Oil or Heat Pump	0
Gas 56 EF	0
Gas 60 EF	1
Gas 64 EF	0
Gas Tankless 82 EF or Better	0
Gas Boiler Side Arm (65 AFUE Boiler)	0
Gas Boiler Side Arm (80 AFUE Boiler)	0
Gas Boiler Side Arm (95 AFUE Boiler)	0
Summary	
	1

		Baseline	
Refrigeration	Refrigeration	Selection	Base Points
	750 kWh	0	0
	650 kWh	2	0
	450 kWh	(3)	3
	350 kWh or Better	4	0
Summary			3
Make:	Inspector Notes:		
Model:			

		Upgrade	
	Selection	Upgrade Points	
	0	0	
	2	0	
	3	0	
	4	0	
		0	
Upgrade Points		0	

Refrigeration	Final Points
750 kWh	0
650 kWh	0
450 kWh	3
350 kWh or Better	0
Summary	
	3

		Baseline	
Solar Thermal	Solar Thermal	Sq. Ft. Installed	Base Points
		8 points per 20 sq ft of collector surface area	0
Inspector Notes:			

		Upgrade	
	Sq. Ft. Installed	Upgrade Points	
	0	0	
Upgrade Points		0	

Solar Thermal	Final Points
8 points per 20 sq ft of collector surface area	0

		Baseline	
PV	PV	kW Installed	Base Points
		44 points per kW	0
Inspector Notes:			

		Upgrade	
	kW Installed	Upgrade Points	
	0	0	
Upgrade Points		0	

PV	Final Points
44 points per kW	0

Occupant	Occupant	Installed	Base Points
	Sub-Metering: Real Time Energy Monitoring Device	NO [1 Point Possible]	0
	Programmable Thermostat	YES: 1 Point	1
	Provide Operation / Training	NO [1 Point Possible]	0
	Tenant Attends Energy Conservation Class	NO [1 Point Possible]	0
Summary			1
Inspector Notes:			

Installed	Upgrade Points
NO	0
NO	0
NO	0
NO	0
0	
Upgrade Points	0

Occupant	Final Points
Sub-Metering: Real Time Energy Monitoring Device	0
Programmable Thermostat	1
Provide Operation / Training	0
Tenant Attends Energy Conservation Class	0
1	

Other	Other	Installed	Base Points
	Heat Pump Desuperheater	NO [1 Point Possible]	0
	Electrically Commutated Motor ("ECM")	NO [3 Points Possible]	0
	Passive Solar Design	Discretionary: approved by City of Boulder	0
	Innovative Practice	Discretionary: approved by City of Boulder	0
	Technically Impractical Exception	Must be approved by City of Boulder	0
Summary			0
Inspector Notes:			

Installed	Upgrade Points
NO	0
NO	0
Discretionary: approved by COB	0
Discretionary: approved by COB	0
Must be approved by City of Boulder	0
0	
Upgrade Points	0

Other	Final Points
Heat Pump Desuperheater	0
Electrically Commutated Motor ("ECM")	0
Passive Solar Design	0
Innovative Practice	0
Technically Impractical Exception	0
0	

Mandatory Water Conservation	Mandatory Water Conservation	Installed	Base Points
	Low flow showerhead	NO [1 Point Possible]	0
	Low flow lavatory faucets	YES: 1 Point	1
	Self-closing faucet valves	NO [1 Point Possible]	0
	High-efficiency or dual-flush toilet	NO [2 Points Possible]	0
	ENERGY STAR washing machine	YES: 2 Points	2
	ENERGY STAR dishwasher	NO [2 Points Possible]	0
Summary			3
Inspector Notes: Shower heads need to be 2.0 GPM or less. Faucet aerators need to be 1.5 GPM or less. Below 1.28GPF qualifies as a low flow toilet.			

Installed	Upgrade Points
NO	0
NO	0
NO	0
NO	0
NO	0
NO	0
NO	0
0	
Upgrade Points	0

Mandatory Water Conservation	Final Points
Low flow showerhead	0
Low flow lavatory faucets	1
Self-closing faucet valves	0
High-efficiency or dual-flush toilet	0
ENERGY STAR washing machine	2
ENERGY STAR dishwasher	0
3	