

LEED for Homes 2008 with Addenda Project Summary and Checklist One and Two Family New Construction



Summary						
Date of Application						
Compliance Path						
Project Identification						
Project Address						
Owner Identification						
Architect Identification						
Contractor Identification						Permit No.
Third Party Provider Identification						Provider No.
Building Code	IRC	IBC Residential Occupancy				
Type of Building	Single Family	Duplex	Townhouse**	IBC Group R Occupancy: (circle one) R-1. R-2. R-3. R-4		
Number of:	Stories:	Bedrooms:	Baths:			
Garage	Attached	Detached	Carport	None		
Building Sq. Footage	Lot Size:		Building Total Sq Ft		Area Under Roof	Total Nonroof Area:
	IECC Climate Zone: 3A		Radon Zone: 3*			
LEED for Homes Credits	Required: 45	Attempted:		Recognized:	Includes mandatory credit from Water Efficiency category	
<p>Note: Checklist is intended for use with projects complying with the Dallas Green Construction Code for one and two family dwelling units following the LEED for Homes path. Project seeking LEED for Homes certification must be verified by a USGBC certified Green Rater in addition to the required plan reviews and inspections performed by a City of Dallas approved Third Party Green Building Provider and an approved Third Party Energy Inspector.</p>						
<p>* Radon Zone: Dallas lines within Radon Zone 3 - No Radon; the potential exists for building and raw materials from radon zoned areas to be brought into the Dallas area for use on projects</p>						
<p>** Townhouse: As defined by the Dallas Residential Code; may not be multifamily building</p>						





LEED for Homes 2008						
Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments
		Yes	No			
	Innovative and Design Process	Maximum ID Credits: 11				Refer to LEED for Homes Reference Guide
ID 1	Integrated Project Team					Verify at green plan review
	1.2 Individual with necessary capabilities					
	1.3 Professional LEED credential					
	1.4 Design Charrette					
	1.5 Building Orientation for Solar Design 1) Glazing area on north/south wall 50% greater than on east/west walls 2) East/west axis within 15 degrees of east/west 3) Minimum 450 sq ft of south facing roof area, oriented for solar applications 4) 90% of south facing glazing shaded in summer, unshaded in winter					
ID2	Quality Management for Durability					Verify at green plan review
	2.1 Durability Planning 1) Durability evaluation completed 2) Strategies developed to address durability issues 3) Moisture control measures from Table 1 incorporated 4) Durability strategies incorporated into project documentation 5) Durability measure listed in durability inspection checklist					
ID3	3.1 Innovative or Regional Design					Submitted for approval at green plan review
	3.2 Innovative or Regional Design					Submitted for approval at green plan review
	3.3 Innovative or Regional Design					Submitted for approval at green plan review
	3.4 Innovative or Regional Design					Submitted for approval at green plan review
Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments
		Yes	No			
	Location and Linkages	Maximum Credits: 10				
LL 1	LEED for Neighborhood Development					Verify path at green plan review
LL 2	Site Selection					Verify at green plan review
	2.1 Site Selection 1) Built above 100 yr floodplain defined by FEMA					





	<ul style="list-style-type: none"> 2) Not built on habitat for threatened or endangered species 3) Not built within 100 ft of water or wetlands 4) Not built on land that was public parkland prior to acquisition 5) Not built on land with prime soils, unique soils, or soils of state significance 					
LL 3	Preferred Locations					Verify at green plan review
	3.1 Edge Development					
	3.2 Infill					
	3.3 Previously Developed					
LL 4	Infrastructure					Verify at green plan review
	4.1 Existing Infrastructure					
LL5	Community Resources/Transit					Verify at green plan review
	5.1 Basic Community Resources/ Transit <ul style="list-style-type: none"> 1) Within 1/4 mile of 4 basic community resources 2) Within 1/3 mile of 7 basic community resources 3) Within 1/2 mile of transit service providing 30 rides per weekday 					



Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments
		Yes	No			
	5.2 Extensive Community Resources/ Transit 1) Within 1/4 mile of 7 basic community resources 2) Within 1/3 mile of 11 basic community resources 3) Within 1/2 mile of transit service providing 30 rides per weekday					
	5.3 Outstanding Community Resources/ Transit 1) Within 1/4 mile of 11 basic community resources 2) Within 1/3 mile of 14 basic community resources 3) Within 1/2 mile of transit service providing 30 rides per weekday					
LL 6	Access to Open Space					Verify at green plan review and final inspection
	6.1 Access to Open Space					
	Sustainable Sites	Maximum Credits: 24				
SS 1	Site Stewardship					Verify at site inspections during construction
	1.1 Erosion Controls During Construction 1) Disturbed topsoil protected from erosion 2) Path and velocity of runoff with silt fencing or equivalent is controlled 3) Sewer inlets, streams, and lakes with straw bales, silt fencing, similar, protected 4) Swales to divert surface water from hillsides 5) Tiers, erosion blankets, compost blankets, similar on sloped areas					



Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments
		Yes	No			
	1.2 Minimize Disturbed Area of Site 1) Undeveloped site: a) Develop tree/plant preservation plan with no disturbance zones b) Leave 40% of buildable lot area, excluding roofed area, undisturbed 2) Developed site: a) Develop tree/plant preservation plan with no disturbance zones b) Rehabilitate lot; undo soil compaction, remove invasive plants, comply with SS2.2 3) Build on lot 1/7 acre or less, or 7 units per acre					
SS 2	Landscaping					Verify at green plan review, with construction submittals, and final inspection
	2.1 No invasive plants					
	2.2 Basic Landscaping Design 1) Drought resistant turf 2) No turf in densely shaded area 3) No turf in areas with 25% slope 4) Mulch or soil amendments 5) Compacted soil tilled to minimum 6 inches					
	2.3 Limit Conventional Turf					
	2.4 Drought Tolerant Plants					
	2.5 Reduce Overall Irrigation Demand by 20%					
SS 3	Reduce Local Heat Island Effects					Verify at green plan review and final inspection
	3.1 Reduce Local Heat Island Effects 1) Locate trees/plants to provide shade for 50% hardscape 2) High albedo materials for 50% of sidewalk, patio, drive					
Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments
		Yes	No			
SS4	Surface Water Management					Verify at green plan review and final inspection
	4.1 Permeable Lot					





	<ul style="list-style-type: none"> 1) Vegetative landscape 2) Permeable paving 3) Impermeable surfaces directed to infiltration features 4) Other permeable surfaces 					
	<ul style="list-style-type: none"> 4.2 Permanent Erosion Controls 1) Steep Slope: Terracing and retaining walls 2) Plant trees, shrubs, groundcover 					
	<ul style="list-style-type: none"> 4.3 Management from Roof Runoff 1) Permanent stormwater controls to manage runoff from home 2) Vegetative roof to cover 50% of roof area (approval required) 3) Vegetative roof to cover 100% (approval required) 4) Lot professionally designed to manage runoff 					
SS 5	Nontoxic Pest Control					Verify at green plan review and inspections during construction
	<ul style="list-style-type: none"> 5.1 Pest Control Alternatives 1) Exterior wood minimum 12 inches above soil 2) External cracks, joints, similar, sealed with sealant and pest proof screens 3) No wood to concrete connections or separate connections with dividers 4) Mature landscape plants are minimum 24 inches from home 					



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		Yes	No			
	5.1 continued 5) Termite Risk Areas: a) Cellulosic material sealed with borate to 3 inches above foundations b) Sand or diatomaceous earth barrier c) Steel mesh barrier termite control system d) Nontoxic termite bait system e) Noncellulosic wall structure f) Solid concrete foundation walls or pest proof masonry wall design					
SS 6	Compact Development					
	6.1 Moderate Density					
	6.2 High Density					
	6.3 Very High Density					
	Water Efficiency	Maximum Credits: 15			Minimum one water credit mandatory Verify at plan review, with construction submittals, and at final inspection	
WE 1	Water Reuse					
	1.1 Rainwater Harvesting System					
	1.2 Graywater Reuse System					
	1.3 Use of Municipal Recycled Water System					
WE 2	Irrigation System					
	2.1 High Efficiency Irrigation System 1) Irrigation system designed by EPA Water Sense certified professional 2) Irrigation system with head to head coverage 3) Central shut off valve 4) Submeter for the irrigation system 5) Drip irrigation 50% of planting beds					
Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments
		Yes	No			
	WE 2.1 continued 6) Separate zones for each bedding type					



	7) Timer or controller for each water zone 8) Pressure regulating devices 9) High efficiency nozzles with distribution uniformity of minimum 0.70 10) Check valve in heads 11) Moisture sensor or rain delay controller					
	2.2 Third party Inspection					
	2.3 Reduce Overall Irrigation Demand by minimum 45%					
WE 3	Indoor Water Use					
	3.1 High Efficiency Fixtures and Fittings 1) 2.0 gpm average flow rate of lavatory faucets 2) 2.0 gpm average flow rate of showerheads 3) 1.30 gpf average flow rate for toilets or dual flush toilets or EPA Water Sense toilets					
	Energy and Atmosphere	Maximum Credits: 39				
EA 1	Optimize Energy Performance					Select performance or prescriptive path; Projects opting for the performance path may not earn credits under the prescriptive path, Note: LEED reference to IECC 2007 is changed to IECC 2009. Refer to LEED EA 1 Table 15
	1.1 Performance of Energy Start for Homes					
	1.2 Exceptional Energy Performance					
Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments
		Yes	No			
EA 7	Water Heating					Refer to LEED for Home Reference Guide
	7.1 Efficient Hot Water Distribution System 1) Structured plumbing system 2) Central manifold distribution system 3) Compact design of conventional system					
EA 11	Residential Refrigerant Management					
	11.1 Refrigerant Charge Test					





	11.2 Appropriate HVAC Refrigerants 1) Use no refrigerants 2) Use nonCFC refrigerant 3) Use refrigerant complying with global warming potential equation					
	Energy and Atmosphere, Prescriptive Approach					Projects opting for the prescriptive path may not earn credits under EA 1. All prescriptive requirements must be met.
EA 2	Insulation					Verify at green plan review, submittals and inspections during construction Refer to LEED EA 2 Table 16 and Energy Star Checklist
	2.1 Insulation 1) Meets IECC 2009 R value requirements 2) National Home Energy Rating Grade II installation					
	2.2 Enhanced Insulation 1) Exceed IECC 2009 by minimum 5% 2) National Home Energy Rating Grade I installation					



Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments
		Yes	No			
EA 3	Air Infiltration					Refer to LEED EA3 Table 17
	3.1 Reduced Envelope Leakage 1) Air Leakage Rate: Maximum 6.0 ACH 50 2) Tested and verified by energy rater					
	3.2 Greatly Reduced Envelope Leakage 1) Air Leakage Rate: Maximum 4.25 ACH 50 2) Tested and verified by energy rater					
	3.3 Minimal Envelope Leakage 1) Air Leakage Rate: Maximum 2.5 ACH 50 2) Tested and verified by energy rater					
EA 4	Windows					Verify at green plan review, construction submittals, final inspection Dallas is Energy Star Zoned South/Central Heating and Cooling U Factor and SHGC given are for Dallas
	4.1 Good Windows, Energy Star 1) NFRC rated units meeting Energy Star; U Factor: ≤ 0.40 ; SHGC: ≤ 0.40 2) Skylight ratio to conditioned floor area maximum 3%, Energy Star performance for skylights					
	4.2 Enhanced Windows 1) NFRC rated meeting or exceeding Energy Star window requirements; U Factor: ≤ 0.35 ; SHGC: ≤ 0.35					



Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments
		Yes	No			
	4.3 Exceptional Windows 1) NFRC rated windows and doors greatly exceeding Energy Star window requirements; U Factor: ≤ 0.32 ; SHGC: ≤ 0.30					
EA 5	Heating and Cooling Distribution System					
	5.1 Reduced Distribution Losses 1) Forced Air System: a) Duct air leakage limited to ≤ 4.0 cfm at 25 Pascals per 100 sq ft of conditioned floor area for each installed system b) Verified by energy rater 2) Nonducted HVAC Systems a) Minimum R-3 pipe insulation in unconditioned spaces					
	5.2 Greatly Reduced Distribution Losses 1) Forced Air System a) Duct air leakage limited to ≤ 3.0 cfm at 25 Pascals per 100 sq ft of conditioned floor area for each installed system b) Verified by energy rater 2) Nonducted HVAC Systems a) System located entirely within conditioned envelope					



Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments
		Yes	No			
	5.3 Minimal Distribution Losses 1) Forced Air System a) Duct air leakage limited to ≤ 1.0 cfm at 25 Pascals per 100 sq ft of conditioned floor area for each installed system b) Verified by energy rater c) Air handler unit and ductwork located within conditioned envelope with minimized envelope leakage d) Air handler unit and ductwork visibly located within conditioned space 2) Nonducted HVAC Systems a) Outdoor reset control to modulate distribution water temperature based on outdoor air temperature					
EA 6	Space Heating and Cooling Equipment					Verify at green plan review, construction submittals, visual verification at final inspection
	6.1 Good HVAC Design and Installation 1) HVAC system designed and sized using ASHRAE ACCA Manual J 2) HVAC equipment installation complies with Energy Star Builder Option Package for Homes and LEED Table 19, EA 6, for equipment type 3) Energy Star labeled programmable thermostat					



Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments
		Yes	No			
	6.2 High Efficiency HVAC 1) HVAC system design and installation better than equipment required by Energy Star Builder Option Package (LEED Table 19, EA 6)					
	6.3 Very High Efficiency HVAC 1) HVAC system designed and installed substantially better than equipment required by Energy Star Builder Option Package (LEED Table 19, EA 6) 2) Heat pump water piping insulated to R-4 or better					
EA 7	Water Heating					Verify at green plan review, construction submittals and inspections, visual verification at final inspection
	7.1 Efficient Hot Water Distribution 1) Structured plumbing system a) demand controlled circulation loop insulated to R-4 b) Maximum circulation loop 40 ft; adjustment for 2 and 3 story home c) Branch line ≤ 10 ft and max 1/2 inch diameter d) Automatic pump shut off from bath and kitchen					



Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments
		Yes	No			
	7.1 continued 2) Central manifold distribution system a) Central manifold trunk maximum 6 ft in length and insulated to R-4 b) Maximum branch line run of 20 ft, adjustment for 2 and 3 story home c) Branch line size from manifold maximum 1/2 inch nominal diameter 3) Compact design of conventional system a) Maximum branch line length 20 ft; adjustment for 2 and 3 story home b) Branch line from central header maximum 1/2 inch nominal diameter					
	7.2 Pipe Insulation 1) R-4 insulation on all hot water piping, including bends					
	7.3 Efficient Domestic Hot Water Equipment 1) Designed and installed in accordance with Table 20, LEED EA 7, for water heater type and efficiency					
EA 8	Lighting					
	8.1 Energy Star Lights 1) Minimum 4 Energy Star labeled light fixtures or Energy Star labeled CFL bulbs in high use rooms					



Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments
		Yes	No			
	8.2 Improved Lighting 1) Indoor Lighting: 3 additional Energy Star labeled light fixtures or Energy Star labeled CSL bulbs in high use rooms 2) Exterior Lighting: Motion sensor controls or integrated photovoltaic cells; note exceptions					
	8.3 Advanced Lighting Package 1) Energy Star advanced lighting package using only Energy Star labeled fixtures or 2) Energy Star labeled lamps in 80% of fixtures throughout the home including Energy Star labeled CFLs; all ceiling fans labeled Energy Star					
EA 9	Appliances					
	9.1 High Efficiency Appliances 1) Energy Star labeled appliances: a) Refrigerator b) Ceiling fans (minimum 1 in living room, one per bedroom) c) Dishwasher using 6.0 gpc or less d) Clothes washer					
	9.2 Water Efficient Clothes Washer 1) Modified Energy Factor (MEF) ≥ 2.0 and water factor (EF) < 5.5					
EA 10	Renewable Energy					
	10.1 Renewable Energy System 1) Renewable energy generation system; energy modeling required to estimate energy supplies and annual reference electrical load					



Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments
		Yes	No			
EA 11	Residential Refrigerant Management					
	11.1 Refrigerant Charge Test 1) Refrigerant charge test results					
	11.2 Appropriate HVAC Refrigerants 1) No refrigerants 2) HVAC with nonHCFC refrigerant 3) HVAC with compliant refrigerant (LEED Table 21, EA 11)					
	Materials and Resources	Maximum Credits: 18				
MR 1	Material Efficient Framing					Verify at green plan review, with construction submittals, and at final inspection
	1.1 Framing Order Waste Factor					
	1.2 Detailed Framing Documents					
	1.3 Detailed Cut List and Lumber Order 1) MR1.2 requirements met					
	1.4 Framing Efficiencies 1) Precut framing packages 2) Open web floor trusses 3) Structural insulated panel walls 4) Structural insulated panel roof 5) Structural insulated panel floors 6) Stud spacing greater than 16 inches oc 7) Ceiling joist spacing greater than 16 inches oc 8) Floor joist spacing greater than 16 inches oc 9) Roof rafter spacing greater than 16 inches oc					
	10) Two of the following: size headers for loads; ladder blocking; drywall clips, 2 stud corners					



Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments		
		Yes	No					
	1.5 Off site Fabrication 1) Panelized construction 2) Modular prefabricated construction							
MR 2	Environmentally Preferable Products					Verify during green plan review (specifications) Verify by construction submittals Refer to LEED MR 2 Table 24, Table 25, Table 26		
	2.1 FSC Certified Tropical Wood 1) Suppliers notified of FSC preference 2) Documentation of country of manufacture for each wood product 3) No tropical wood installed except FSC certified or reclaimed wood							
	2.2 Environmentally Preferable Products					EPP	Low Emission	Local Production
	1) Exterior Wall: Framing					<input type="checkbox"/> type:		<input type="checkbox"/>
	2) Exterior Wall: Siding or Masonry					<input type="checkbox"/> type:		<input type="checkbox"/>
	3) Floor: Flooring (45%)					<input type="checkbox"/> type:	<input type="checkbox"/> 90% hard floor	<input type="checkbox"/> 45%
	4) Floor: Flooring (90%)					<input type="checkbox"/> type:	<input type="checkbox"/> SCS Floor Score	<input type="checkbox"/> 90%
	5) Floor: Flooring					<input type="checkbox"/>	<input type="checkbox"/> Green Label Plus	
	6) Floor: Framing					<input type="checkbox"/> type:		<input type="checkbox"/>
	7) Foundation: Aggregate					<input type="checkbox"/> type:		<input type="checkbox"/>
	8) Foundation: Cement					<input type="checkbox"/> type:		<input type="checkbox"/>
	9) Interior Wall: Framing					<input type="checkbox"/> type:		<input type="checkbox"/>
	10) Interior Wall, ceiling: gyp board					<input type="checkbox"/> type:		<input type="checkbox"/>
	11) Interior Wall, ceiling, millwork: paint					<input type="checkbox"/> type:		<input type="checkbox"/>
	12) Landscape, Decking and patio					<input type="checkbox"/> type:	<input type="checkbox"/> type:	<input type="checkbox"/>
						<input type="checkbox"/> type:		<input type="checkbox"/>



Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments			
		Yes	No						
	2.2 Continued:				<input type="checkbox"/>	<input type="checkbox"/> type:		<input type="checkbox"/>	
	13) Other: Cabinet				<input type="checkbox"/>	<input type="checkbox"/> type:		<input type="checkbox"/>	
	14) Other: Counter				<input type="checkbox"/>	<input type="checkbox"/> type:		<input type="checkbox"/>	
	15) Other: Door				<input type="checkbox"/>	<input type="checkbox"/> type:		<input type="checkbox"/>	
	16) Other: Interior trim				<input type="checkbox"/>	<input type="checkbox"/> type:		<input type="checkbox"/>	
	17) Other Adhesive						<input type="checkbox"/> type:		
	18) Other: Window Frame				<input type="checkbox"/>	<input type="checkbox"/> type:		<input type="checkbox"/>	
	19) Roof: Framing				<input type="checkbox"/>	<input type="checkbox"/> type:		<input type="checkbox"/>	
	20) Roof: Roofing				<input type="checkbox"/>	<input type="checkbox"/> type:		<input type="checkbox"/>	
	21) Roof, Floor, Wall: Cavity insulation				<input type="checkbox"/>	<input type="checkbox"/> type:	<input type="checkbox"/> type:	<input type="checkbox"/>	
	22) Roof, Floor, Wall (2 of 3): Sheathing				<input type="checkbox"/>	<input type="checkbox"/> type:		<input type="checkbox"/>	
	23) Other Water supply piping				<input type="checkbox"/>	<input type="checkbox"/> type:			
	24) Other: Driveway				<input type="checkbox"/>	<input type="checkbox"/> type:			
MR 3	Waste Management					Refer to LEED MR 3 Table 27			
	3.1 Construction Waste Management Planning 1) Investigate local options for waste diversion 2) Document diversion rate for construction waste								
	3.2 Construction Waste Reduction 1) Pounds Waste/sq ft or Cubic yard waste/1000 sf 2) Percentage of waste diverted								
	Indoor Environmental Quality	Possible Credits: 28							
EQ 1	Energy Star with Indoor Air Package					Energy Star path is not eligible for credits under EQ 2.2, 3, 4, 6, 7.1, 9, and 10; Refer to LEED EQ Table 28.			
	1.1 Energy Star with Indoor Air Package								



Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments		
		Yes	No					
EQ 2	Combustion Venting					Under the prescriptive path option, credit must be earned for EQ 2, 3, 4, 5, 6, 7, 8, 9, and 10 including associated prerequisites. Refer to LEED EQ2 Table 29 Note: Each LEED prerequisite met earns one credit. Note: LEED reference to IECC 2007 is changed to IECC 2009.		
	2.1 Basic Combustion Venting Measures 1) No unvented combustion appliances 2) Carbon monoxide monitor on each floor 3) No fireplace or doors on fireplace and woodstove 4) Space, water heater equipment with closed combustion or Space and water heating equipment with power vented exhaust or Space and water heating equipment located in detached or open air facility or No space/water heating equipment with combustion							
	2.2 Enhanced Combustion Venting Measures 1) None 2) Masonry wood burning fireplace 3) Factory built wood burning fireplace 4) Woodstove and fireplace insert 5) Natural gas, propane, alcohol stove 6) Pellet stove					Better Practice	Best Practice (must also meet better practice)	
							<input type="checkbox"/> Granted automatically	
							<input type="checkbox"/> Masonry heater	<input type="checkbox"/> Back draft potential test
							<input type="checkbox"/> Listed by testing lab; meets EPA standards	<input type="checkbox"/> Backdraft potential test
							<input type="checkbox"/> Listed by testing lab; meets EPA standards	<input type="checkbox"/> Backdraft potential test
							<input type="checkbox"/> Listed; power or direct vented, fixed doors	<input type="checkbox"/> Electronic pilot
						<input type="checkbox"/> EPA certified; meets safety requirements	<input type="checkbox"/> Power or direct venting	
Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments		
		Yes	No					
EQ 3	Moisture Control							
	3.1 Moisture Load Control; maintain below 60% RH 1) Additional dehumidification system 2) Central HVAC system equipped with							





	dehumidification mode					
EQ 4	Outdoor Air Ventilation					Refer to LEED EQ4 Table 30
	4.1 Basic Outdoor Air Ventilation 1) ASHRAE 62.2 mild climate exception 2) Continuous ventilation 3) Intermittent ventilation 4) Passive ventilation					
	4.2 Enhanced Outdoor Ventilation 1) Meets EQ 4.1 for mild climate, active ventilation system installed 2) Heat recovery system					
	4.3 Third Party Performance Testing					
EQ 5	Local Exhaust					Refer to LEED EQ 5 Table 31
	5.1 Basic Local Exhaust 1) Bathroom and kitchen exhausts meet ASHRAE 62.2 air flow 2) Fans and ducts designed and installed to ASHRAE 62.2 3) Air exhausted to outdoors 4) Energy Star labeled bathroom exhaust fan					
	5.2 Enhanced Local Exhaust 1) Occupancy sensor 2) Automatic humidistat controller 3) Automatic timer tied to switch to operate fan for 20+ minutes post occupancy 4) Continuously operating exhaust fan					
	5.3 Third Party Performance Testing					



Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments
		Yes	No			
EQ 6	Distribution of Space Heating and Cooling					
	6.1 Room by room load calculations					
	6.2 Return Air Flow/Room by Room Controls (select system) 1) Forced Air System: a) Return air opening of 1 sq in per cfm of supply b) Limited pressure differential between closed room and adjacent spaces 2) Nonducted HVAC System a) Flow control valves on every radiator or b) Radiant floor system with thermostatic controls in every room					
	6.3 Third Party Performance Testing/ Multiple Zones (select system) 1) Forced Air System: a) Supply air flow in each room tested and confirmed 2) Nonducted HVAC System a) Minimum 2 distinct zones with independent thermostat control					
EQ 7	Air Filtering					Verify at Final Inspection
	7.1 Good Filters					MERV 8 reporting value and maintain adequate pressure and air flow
	7.2 Better Filters					MERV 10 reporting value and maintain adequate pressure and air flow
	7.1 Best Filters					MERV 13 reporting value and maintain adequate pressure and air flow
EQ 8	Contaminant Control					Verify at green plan review, with construction submittals, and at final inspection
	8.1 Indoor Contaminant Control during Construction					
Item	Green Building Practice	Compliance		Credit Awarded	Plan Review/ Inspection	Comments
		Yes	No			
	8.2 Indoor Contaminant Control					





	<ul style="list-style-type: none"> 1) Permanent walk off mats at each entry 2) Shoe removal and storage space near primary entry 3) Central vacuum system with exhaust to outdoors 					
	<p>8.3 Preoccupancy Flush</p> <ul style="list-style-type: none"> 1) Flush prior to occupancy but after completion of construction activities 2) Flush entire home with interior doors open 3) Flush for 48 hours 4) Windows open, fan continuously running 5) Additional fans as necessary 6) Replace HVAC air filters after flush 					
EQ 9	Radon Protection					Dallas is EPA Radon Zone 3; generally will not be applicable
	9.1 Radon Resistant Construction in High Risk Areas					
	9.2 Radon Resistant Construction in Moderate Risk areas					
EQ 10	Garage pollutant Protection					
	10.1 No HVAC in Garage					
	<p>10.2 Minimize Pollutants from Garage 1) Conditioned space above garage</p> <ul style="list-style-type: none"> a) Seal all penetrations b) Seal all connecting floor and ceiling joist bays c) Paint walls and ceilings 					



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	EQ 10.2 continued 2) Conditioned space adjacent to garage a) Weatherstrip all doors b) CO detector in adjacent rooms that share a door with garage c) Seal all penetrations d) Seal cracks at base of walls					
	10.3 Exhaust fan in Garage 1) Fan runs continuously 2) Fan has automatic time control linked to occupancy sensor, light switch, garage door opener, or CO sensor and set for minimum 3 air exchanges each on cycle					Nonducted Exhaust Fans: 70 cfm or greater Ducted Exhaust Fans: 100 cfm or greater
	10.4 Detached or No Garage					
	Awareness and Education	Maximum Credits: 4				
AE1	Education of Homeowner or Tenant					Documentation at Final Inspection
	1.1 Basic Operations Training 1) Operations and Training Manual 2) One hour walk through with occupant					
	1.2 Enhanced Training					
	1.3 Public Awareness 1) Open house on minimum 4 weekends 2) Website about features and benefits of LEED homes 3) Newspaper article on project 4) Display LEED signage on exterior of home					





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		Yes	No			
AE 2	Education of Building Manager					
	2.1 Education of building manager 1) Operation and training manual 2) One hour walk through with building manager					
	End of LEED for Home Path Checklist					

