BUILT GREEN®
BUILT BETTER®

	2008 Built Green® Checklist VERSION 2008.1	Point Value	Check Builder's Selected Options Here	Documents REQUIRED at Time of Random Inspection
READ FIRST	Builders are **required** to choose **one of the three methods** (items #1, #2 or #3 below) of meeting the Energy Efficiency Minimum Requirement. Note that item #2 requires a higher level of testing than required by the program's random verification process, and that item #3, ENERGY STAR®, exceeds the "minimum" requirement; hence option #2 and #3 are awarded points while option #1 is not. **Note that item #4 provides additional points, but is NOT a method of compliance under the Energy Efficiency Requirement.** ****NOTE: All Built Green-registered homes permitted on or after October 1, 2008, must comply with ENERGY STAR® for New Homes energy efficiency and verification criteria. Effective October 1, 2008, ENERGY STAR® for New Homes energy efficiency and verification standards will be the sole method of energy efficiency compliance for the Built Green program. Please see the Guide to the Built Green Checklist, www.EnergyStar.gov, or consult with your Energy Rater for further details on the requirements of the ENERGY STAR® for New Homes program.** **REQUIRED CATEGORIES:** Builders are **required to select at least one option from each of the indicated categories**: X. Energy Efficiency: Mechanical Heating & Cooling Systems; XI. Energy Efficiency: Air Distribution Systems; XII. Health and Safety: Improved Indoor Air Quality; XIII. Health and Safety: Moisture Management; XVI. Energy Efficiency: Lighting; XVIII. Material Resource Efficiency: Framing; XXIII. Resource Conservation: Water. However, there is no required minimum number of points for these categories. Required categories are identified in the Checklist. **The ➔ symbol denotes those categories which are required.** Additionally, **the ⇨symbol denotes that there are additional requirements** which must be met in order to comply with and receive points for a particular item. Builders are **required to provide the corresponding verification documents** where noted in the far right column at the time of random verification inspection. Points will not be awarded unless proper documentation is provided where required. Making note of those requirements and collecting those documents from the outset will improve the process and help ensure successful completion of random verification. 5% of all registered homes will be randomly verified for compliance at the builder's expense by a Built Green approved rater of the builder's choice. The 2008 Checklist is effective on homes permitted on or after May 1, 2008. Homes must be registered at time of permit issuance. Each home is required to have a **minimum total of 75 points** from the Checklist. Each home is required to be duly **registered with the program**. ***NOTE: Full explanations, requirements, graphics, charts and links to accompany this Checklist can be found in the Guide to the Built Green Checklist, located online @ www.builtgreen.org, available to all members, or for sale through the Built Green program**			Field Verification = inspection and verification at time of random rating

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	II. MINIMUM ENERGY EFFICIENCY REQUIREMENT **➔ REQUIRED CATEGORY - MUST SELECT AT LEAST ONE OPTION** ****NOTE:** All Built Green-registered homes permitted on or after October 1, 2008, must comply with ENERGY STAR® for New Homes energy efficiency and verification criteria. Effective October 1, 2008, ENERGY STAR® for New Homes energy efficiency and verification standards will be the sole method of energy efficiency compliance for the Built Green program. Please see the Guide to the Built Green Checklist, www.EnergyStar.gov, or consult with your Energy Rater for further details on the requirements of the ENERGY STAR® for New Homes program.			
1	RESNET-accredited HERS Rating of 85 points or less when using the expanded HERS "INDEX" score based on the 2006 HERS Reference Home verified on a 5% random basis as required by the program's random verification process. ⇨ 5% sampling must include at least one rating of each product type (examples of product types include: single family detached, condo and townhome) and from-plans ratings from each plan type or product with a change in energy efficient features within the product type. ⇨ MUST see Guide for full requirements	0		Rating Certificate
2	RESNET-accredited HERS Rating of 85 points or less when using the expanded HERS "INDEX" score based on the 2006 HERS Reference Home verified on a 15% or higher random basis in order to take these points. ⇨ 15% sampling must include at least one rating of each product type (examples of product types include: single family detached, condo and townhome) and from-plans ratings from each plan type or product with a change in energy efficient features within the product type. ⇨ MUST see Guide for full requirements	3		Rating Certificate & Rater Letter
3	House meets **ENERGY STAR**® criteria by either the Prescriptive or Performance paths as outlined by the US Environmental Protection Agency (Cannot combine with item #2 "RESNET-accredited") ☐ Additional 3 points if homes are tested on a 100% basis – 3 pts	5		Rating Certificate & Rater Letter
4	House meets 2005 Federal Residential Energy Efficiency Tax Credit of $2,000, available under the Energy Policy Act of 2005. See following website for additional information: http://www.energytaxincentives.org/tiap-new-homes.html **Note*** This item provides additional points, but is NOT a method of compliance under the Minimum Energy Efficiency Requirement	2		Rating Certificate & IRS Form 8908
	III. SITE PROTECTION			
5	Trees and natural features on site protected during construction by completing ALL of the following: ☐ Develop a tree/plant preservation plan with no disturbance zone clearly delineated on drawings ☐ Execute plan by minimizing disturbance of and damage to trees/plants designated for protection through installation of fencing ☐ Avoid trenching, significant change in grade and compaction of soil in critical root zones	4		Site/Landscape Plan and photos
6	Existing trees and vegetation designated for preservation are prepared for the impacts of construction by a Certified Arborist through pruning, root pruning, fertilization and watering	4		Invoice or Scope of Work
7	Save and reuse all site topsoil, protecting from erosion prior to redistribution	1		Photo
8	Leave undisturbed at least 40% of previously undeveloped lot area (on lots larger than 1/3 acre)	2		Site/Landscape Plan
	IV. ENERGY EFFICIENCY: SITE DESIGN & ORIENTATION			
9	Use sun-tempered design to reduce heating and cooling needs of building by completing ALL of the following: ⇨ Requires item #39 "Overhangs…" ☐ Home orientation allows solar heating (long dimension is w/in 30 degrees of solar south) ☐ South glass area is between 5-7% of total finished floor area (FFA) ☐ West glass area is ≤ 2% of total FFA ☐ East glass area is ≤ 4% of total FFA ☐ North glass area is ≤ 4% of total FFA	7		Detailed building take-off with glass area

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10	Home designed for passive solar heating by contributing ≥ 33% of the home's annual heating needs ⇨ Requires item #39 "Overhang…", AND ⇨ Requires item #9 "Use sun-tempered design…"	3		Whole building energy performance simulation report
11	Provide designated location and rough-in on south roof area for future hot water heating and photovoltaics (PV) by completing ALL of the following: See Guide for further details ☐ Provide minimum of 200 square feet of clear (free of penetrations, stacks, vents, etc.) and un-shaded roof area 30° of solar south ☐ Provide rough in of piping (both electrical conduit and insulated water piping) from roof (attic area) to utility/mechanical area ☐ Provide minimum area ≥ 6 square feet near electrical service panel/breaker box for future solar equipment ☐ Provide ≥10 square foot area in mechanical room for future solar hot water tank	6		Indicate designated area on plans & field verification
	V. ENERGY EFFICIENCY: RENEWABLE ENERGY			
12	Active solar thermal heating system installed, providing ≥ 20% of homes annual heating	12		Whole building energy performance simulation report
13	Solar electric system or other onsite renewable energy source (such as photovoltaics, wind, etc.), provides the following of the home's electrical needs: ⇨ Cannot take in combination with item #11 "Provide designated location…" unless ALL requirements of #11 are satisfied ☐ ≥ 10% - 8 pts ☐ ≥ 25% - 10 pts ☐ ≥ 50% - 15 pts	Varies		Whole building energy performance simulation report
14	Solar water heating system provides 50% or more of the home's hot water heating needs ⇨ Cannot take in combination with item #11 "Provide designated location…" unless ALL requirements of #11 are satisfied	10		Whole building energy performance simulation report
15	50% of total installed outdoor lighting (walkway, area, and other outdoor lighting) is solar powered (photovoltaic) based on fixture count.	2		Product Data and/or Field Verification
16	Provide buyer the first year enrollment costs of 100% of electric power provided by Xcel Energy WindSource Program or other local utility. See Guide for further information.	2		Builder letter
17	Renewable/clean fuels. Biodiesel (B20 or better), propane, hybrid, E-85 or CNG fuel is used for builder fleets or contractor vehicles. 1 point per vehicle, (max. 5 pts)	Varies		Builder letter
	VI. ENERGY EFFICIENCY: FOUNDATION SYSTEMS			
18	Reinforced structural concrete slab, supported by structural piers or footings (creating a void space between the earth and slab for potential movement of soils) with minimum R-6 rigid insulation below concrete slab	5		Subcontractor letter
19	Rigid insulation forms that provide permanent insulation to the foundation (ICFs)	6		Spec Sheet
20	Frost-protected shallow foundation: (choose only one) See Guide for further details ☐ Min R-10 insulation installed to a depth of 4' below grade (in climate zones 5 and lower) ☐ Min R-10 insulation installed to a depth of 6' below grade (in climate zones 6 and higher)	5		Spec sheet
21	Insulated foundation with rigid R-10 foam insulation from footer to top of wall	5		Photo

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22	Full height interior <u>below</u> grade basement wall insulation, and/or crawl space insulation, R-11 or higher (R-13 or higher if insulation is installed in framed cavities)	2		Field Verification
23	Full height interior <u>above</u> grade crawl space insulation, R-19 or higher	1		Field Verification
	VII. ENERGY EFFICIENCY: THERMAL ENVELOPE			
24	Home has blown insulation on 85% or more of above grade wall, floor and ceiling area, such as: (choose only one) ☐ Cellulose ☐ Fiberglass ☐ Non-toxic spray foam ☐ Rock wool	6		Builder Spec Sheet or Insulation Certificate
25	R-3.5 or better insulated exterior wall sheathing on 75% or more exterior wall area ⇨ Cannot combine with item #113 "reinforced cementitious foam formed above grade walls (ICFs) …"	6		Builder Spec Sheet or photos
26	Insulated headers: Minimum R-10, on all exterior headers including load bearing exterior windows and doors	3		Builder letter or spec sheet
27	Raised heels of 6" or more on trusses to provide for full-height insulation over top wall plate. (choose only one) ☐ 6" – 3 pts ☐ 8" – 4 pts ☐ 10" – 5 pts	Varies		Builder spec sheet
28	Advanced Rim Joist Insulation. This item can be achieved by one of the following: See Guide for diagrams and further descriptions ☐ Using an engineered, SIP-like product for rim section ☐ Installing an inch or more of rigid foam on the exterior face of the rim joist, integrated with the drainage plane ☐ Using a combination of rigid foam sealed with spray foam ☐ Using high-density spray foam insulation on the interior bays of the floor joists.	3		Photo documentation or third-party field verification
29	Where vapor retarders are required by code, variable-permeance or "smart" products are used. See Guide to the Built Green Checklist for details	3		Photo documentation or third-party field verification
30	Advanced insulation package. Points awarded according to components listed below: ☐ ≥ R20 in wall cavities – 3 pts. ☐ ≥ R38 in ALL attics/ceilings, including vaulted ceilings (in climate zones 5 and under) – 3 pts. OR ☐ ≥ R49 In ALL attics/ceilings, including vaulted ceilings (in climate zones 6 and higher) – 3 pts. ☐ ≥ R13 continuous insulation in basement (cannot take pts. for framed cavities) – 2 pts. ☐ ≥ R10 under slab edge – 1 pt. ☐ ≥ R-10 under entire slab (includes at and below grade) – 2 pts.	Varies		Insulation Certificate and/or photo's of below grade foundation applications
31	Insulation quality control: high-quality installation is confirmed by one of three methods: (Choose only one) ☐ Contractor is certified under the NAHB's certified installer program – 1 pt. ☐ Insulation is inspected by a third-party during pre-drywall inspection (Type I Installation, per National Home Energy Rating Standards) – 3 pts. ☐ Insulation is inspected by a third-party during pre-drywall inspection (Type II Installation, per National Home Energy Rating Standards) –2 pt. ☐ Builder demonstrates in-house inspection process through verified documentation, or other equivalent contractor certification program – 1 pt.	Varies		Contractor Certificate, HERS Provider documentation
32	Advanced sealing package in addition to basic sealing practices, must complete ALL of the following: ☐ Seal at top and bottom plates and at all exterior wall corners ☐ Seal all attic penetrations, & install weather stripped attic hatch, insulated to equivalent attic R-value, with secure closure mechanism ☐ Seal at all mechanical penetrations with foam or caulk (both interior and exterior walls) ☐ Seal around all windows and doors with caulk, foam or other insulating materials (i.e. chinking)	4		Builder Spec sheet or Photo

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33	No recessed can lights installed in building's insulated ceiling/thermal envelope	3		Field Verification
34	ALL recessed can lights, including between all floors, are air tight and insulation contact rated	2		Builder Spec Sheet
35	Blower door test verifies one of the following: (choose only one) ⇨ Requires item #61 "Design and install a whole building ventilation system", AND ⇨ Requires ALL mechanical equipment/combustion appliances be closed combustion, i.e. direct-vent or power vented exhaust, including furnace/boiler, hot water heater, fireplaces, etc. ☐ 0.35 ACH or less – 2 pts. ☐ 0.25 ACH or less – 4 pts. ☐ 0.15 ACH or less – 6 pts.	Varies		Infiltration test report
	VIII. ENERGY EFFICIENCY: WINDOWS & DOORS			
36	Low-E, NFRC Rated window and glass doors comprise =/>90% of total above-grade glass area (choose only one) ☐ U=0.35 or lower – 4 pts. ☐ U=0.30 or lower – 8 pts	Varies		NFRC cert./label
37	ALL basement windows are Low-E, NFRC rated at U=0.35 or lower, NO metal bucks	2		NFRC cert./label
38	Exterior doors (excluding glass doors), choose one or both of the following: ☐ Exterior doors Insulated to R-5 or greater (excludes house to garage door) – 2 pts. ☐ House to garage door insulated to R-5 or greater – 1 pt.	Varies		Product Literature
	IX. ENERGY EFFICIENCY: LOW-ENERGY COOLING STRATEGIES			
39	Overhangs and/or fixed shading elements designed to provide seasonal shading on =/>50% of south facing glass area (e.g., two foot overhang, between one and two feet above south windows). See Guide to the Built Green Checklist for detailed explanation and chart	6		Solar Calculations
40	Strategies to reduce heat gain and/or heat loss on south, east or west facades. (max 3 points) ☐ Exterior-mounted sunscreens or operable shutters – 1pt. ☐ Operable insulated window coverings – 1 pt. ☐ Operable awnings – 1 pt. ☐ Other architectural elements (such as covered porches) – 1 pt.	Varies		Field Verification
41	Whole house fan installed with a minimum R-19 insulated seasonal cover and instructions provided to homeowner on safe operation of unit	5		Product Literature
42	ENERGY STAR® qualified ceiling fans installed. (1 point per fan, max 4 pts) ☐ add points if ENERGY STAR® ceiling fan light kit is provided – (1 pt per light kit, max 4 pts)	Varies		Product Literature
REQ.	**X. ENERGY EFFICIENCY: MECHANICAL HEATING & COOLING SYSTEMS** **➔ REQUIRED CATEGORY - MUST SELECT AT LEAST ONE OPTION**			
43	HVAC equipment sized according to ACCA Manual J 8th edition (or equivalent) room by room heat load calculation. Calculations shall be based on 99% Outdoor temperatures published in the ASHRAE Handbook of fundamental for the home's location or most representative city	6		Load calculation document
44	ENERGY STAR® qualified furnace, boiler with sealed combustion air or air source heat pump with R410 (Non HCFC refrigerant) based on an ARI Region IV, Heating Season Performance Factor (HSPF) (choose only one) Furnaces: ☐ ≥ 90% AFUE – 8 pts. ☐ ≥ 92% AFUE – 9 pts. ☐ ≥ 94% AFUE – 10 pts. Boilers: ☐ ≥ 85% AFUE – 8 pts ☐ ≥ 87% AFUE – 9 pts. ☐ ≥ 90% AFUE – 10 pts. Air Source Heat Pumps: ☐ HSPF ≥ 8.5 – 8 pts. ☐ HSPF ≥ 9.0 – 9 pts. ☐ HSPF ≥ 9.5 – 10 pts.	Varies		Spec sheet or Energy Guide

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45	Furnace and/or boiler centrally located (center 1/3rd of house envelope/footprint), ⇨ Requires no air handling equipment, return ducts or un-sealed supply ducts in garage, AND ⇨ Requires #57 "Total duct leakage…"	4		Field Verification
46	Electronically commutated motor (ECM) on air handler/furnace	8		Product Literature
47	Baseboard or in-floor heating system installed per requirements listed in Guide to the Built Green Checklist ⇨ Requires item #43 "HVAC equipment sized according to ACCA Manual J…", AND ⇨ Requires item # 44 "ENERGY STAR qualified furnace or boiler …"	11		Specs and Photos
48	Ground-source heat pump system, either radiant or air-ducted, for space heating with a coefficient of performance (COP) of: ⇨ If system uses refrigerant, must be non-HCFC based, to take this point ☐ ≥ 3.3 COP – 10 pts. ☐ ≥ 3.6 COP – 15 pts.	Varies		Manual J Calc. And ARI Certificate
49	Central air conditioner or ground source heat pump, with an equipment matched SEER level, as determined by an ARI coil/condenser equipment match, a Thermal expansion valve (TXV), and maximum over-sizing of units is < 15% of Manual J. ⇨ Requires item #43 "HVAC equipment sized according to ACCA Manual J…" ☐ ≥ 13 SEER – 3 pts ☐ ≥14 SEER – 4 pts ☐ ≥16 SEER – 5 pts. ☐ ≥18 SEER – 6 pts. ☐ If unit above contains non-HCFC refrigerant (i.e. R-410A, Puron or other), add additional – 4 pts.	Varies		Manual J Calc. And ARI Certificate
50	Zoning utilizing two or more thermostats controlling separate heating and/or cooling zones from a single system, or zoning using two or more separate systems ⇨ Requires item #57 "Total duct leakage …" IF using a forced air systems AND if ducts are located outside conditioned space	2		Field Verification
51	Energy Star® programmable thermostat	1		Product literature
REQ.	**XI. ENERGY EFFICIENCY: HVAC DISTRIBUTION SYSTEMS** **➔ REQUIRED CATEGORY - MUST SELECT AT LEAST ONE OPTION (Homes with non-ducted HVAC systems are exempted from this requirement)**			
52	Ducts sized and installed in accordance with room-by-room loads calculations for sizing ductwork using ACCA Manual D	6		Load calculation document
53	No panned joist spaces or building cavities used for return air; i.e. fully ducted return systems are required	3		Spec sheet or field verification
54	ALL ductwork joints and penetrations sealed with either: (choose only one) ☐ Low toxic mastic ☐ Aerosolized sealant system	2		Spec sheet & field verification
55	Any ducts outside conditioned space are sealed with mastic and insulated to a minimum ≥ R-8 (supply) and ≥ R-8 (return). ⇨ Requires item #57 "Total duct leakage…"	2		Field Verification
56	Provide pressure relief to all rooms having a door other than baths, kitchens, closets and pantries by using means other than door undercuts (e.g. transfer grilles, dedicated returns, etc.)	4		Field Verification
57	Total duct leakage is demonstrated to not exceed: (choose only one) ☐ 10% of rated high fan flow, if ALL ducts and Air Handler are located WITHIN the conditioned space ☐ 5% of rated high fan flow if ANY ducts or Air Handler are located OUTSIDE the conditioned envelope	10		Test results
58	Fire-safe temporary heating and drying system is used during construction that does not introduce moisture or toxins into the work environment (no Salamanders or the homes eventual furnace which will heat the occupied home)	4		Builder letter
59	Seal off all ducts during construction or clean HVAC ducts and coils before occupancy	2		Photos and/or invoice

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REQ.	**XII. HEALTH AND SAFETY: IMPROVED INDOOR AIR QUALITY** **➔ REQUIRED CATEGORY - MUST SELECT AT LEAST ONE OPTION**			
60	House meets American Lung Association Health House standards	13		Certificate
61	Design and install a controlled whole building ventilation system that complies with ASHRAE standard 62.2 – 2003, "Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings". Total ventilation air (cubic feet per minute/CFM) shall be calculated by the following equation: CFM = (total # of bedrooms + 1) X (7.5 CFM) + (0.01 X total conditioned square feet). Methods of compliance include: (choose only one) ☐ Controlled whole house supply air system ☐ Controlled whole House exhaust air system ☐ Balanced ventilation system ⇨ See Guide to the Built Green Checklist for detailed explanation and chart	6		Ventilation Calculation and Rater or Contractor Verification
62	Heat recovery ventilator (HRV) or air-to-air heat exchanger ⇨ Requires item #61 "Design and install a whole building ventilation system…"	4		Field Verification
63	Domestic water heating equipment meets one of the following: ⇨ Electric does not qualify ☐ Power-direct vent – 4 pts, OR ☐ Sealed-combustion – 5 pts	Varies		Spec sheet
64	ALL Fireplaces and/stoves in home must meet the following criteria to take this point ⇨ MUST see Guide for full requirements on EACH item ☐ Gas fireplaces are power or direct vent AND must have an electronic ignition ☐ Factory built, wood burning fireplaces must be EPA certified ☐ Pellet or other solid fuel burning stoves must meet ASTM E1509 –04 ☐ Wood stove and fireplace inserts must be EPA certified	4		Spec sheet
65	Install an integrated whole house HEPA filter, must be connected to ductwork with dedicated exhaust/supply points	6		Spec sheet & field verification
66	HVAC filters rated MERV 8 at 295 feet per minute or higher according to ASHRAE 52.2-1999. HVAC equipment shall be able to accommodate pressure drop from filter selected for the system	4		Spec sheet
67	Active or passive radon mitigation installed to EPA guidelines	5		Subcontractor letter
68	Energy Star® low sone (less than 1.5) exhaust fans (2 points per fan, max. 6 points)	2		Spec sheet
69	Exhaust fan in garage rated for continuous operation, minimum 100 CFM exhaust, on timer, with either occupant sensor or wired to garage door opener or other means of automatic activation	4		Spec sheet & field verification
70	Garage detached from all living areas. As an alternative, attached garage is isolated from house by extensive air-sealing, with pressure diagnostic at 45 Pa or greater, verified by testing. MUST meet the following criteria to take this point: See Guide for further details ☐ No air handling equipment, return ducts or un-sealed supply ducts in garage ☐ Any sleeping area above garage requires a carbon monoxide detector	5		Pressure test #
71	Provide kitchen range hood (including appliance range hood combinations) vented to the exterior capable of exhausting at least 100 CFM (Per ASHRAE 62.2, 2003) See Guide for further details ☐ If equipment is capable of exhausting ≥ 400 CFM, THEN ⇨ Requires ALL sealed combustion appliances	3		Product data
72	Install hardwired carbon monoxide detector outside main sleeping areas that meets the Canadian Standards Association's "Standard for Residential Carbon Monoxide Alarming Devices" (CSA 6.19-01), or Laboratory UL 2034 or equivalent	4		Product data and field verification
73	Central Vacuum (canister unit) installed outside conditioned space rated at 500 air watts or greater and including an electric motor-driven floor brush.	4		Field verification
74	All carpet throughout the home meets one of the following criteria: ☐ Carpet must comply with the Carpet and Rug Institute's (CRI's) Green Label Plus program (low VOC carpet and pad), OR ☐ No carpets installed in 100% of home (i.e. hard-surfaced flooring)	2		Spec sheet

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75	Insulation used throughout the house meets the indoor air quality standards of GreenGuard, SCS, California 1350, or Berkeley Labs. See Guide for further details	2		Product data
76	UV Light installed in supply duct system above A/C coil	3		Spec sheet
77	OSB produced with non-formaldehyde based adhesives used for sub floor	2		MSDS
78	OSB produced with non-formaldehyde based adhesives used for sheathing	2		MSDS
79	Ceramic tile installed with low toxic adhesives	3		MSDS
80	Only low toxicity, solvent-free adhesives used throughout. Standard is less than 150 grams/liter of VOCs	3		MSDS
81	Cabinet finish coat done with water based finishes containing VOC content of less than 250 grams per liter	4		MSDS
82	Water-based urethane finishes on wood floors	3		Product data
83	Water-based lacquer finishes on woodwork	3		Product data
84	All panel ends, edges and cuts of any particle board must be sealed with impermeable water-based sealer prior to painting	2		MSDS on sealer and builder letter
85	Insulation used throughout house contains no formaldehyde binders	1		MSDS
86	All wall, ceiling and trim paints have zero to minimal VOC content. (trim excluded for zero-VOC requirement) ☐ Interior paints/coatings: (walls & ceilings) ≤ 5 grams/liter of VOCs – 3 pts ☐ Interior paints/coatings: interior satin, semi-gloss or high-gloss ≤ 150 grams/liter AND/OR interior flat/eggshell ≤ 50 grams/liter of VOCs – 2 pts ☐ Exterior paints: flat exterior ≤ 100 grams/liter AND/OR exterior satin, semi-gloss or high-gloss ≤ 200 grams/liter of VOCs – 1 pt	Varies		MSDS
REQ.	**XIII. HEALTH AND SAFETY: MOISTURE MANAGEMENT** **➔ REQUIRED CATEGORY - MUST SELECT AT LEAST ONE OPTION**			
87	Sill plate sealed with foam sill gasket to act as capillary break	2		Photo or field verification
88	Full exterior drainage plane integrated shingle-style with pan-flashed and face–flashed door and window openings, as designated in EEBA's "Water Management Guide", or equivalent	8		Builder specs, plans/details and photos
89	Implementation of proper roof flashing and moisture management techniques, to include ALL of the following: ☐ Installation of drip edge at the entire perimeter of the roof ☐ Flashing where sloped roofs meet gable wall ends/all vertical walls (integrated into drainage plane) ☐ Use of kick-out flashings at wall eave intersections (integrated into drainage plane) ☐ At wall/roof intersections maintain ≥ 2" clearance between wall cladding and roofing materials.	5		Builder Specs and photos
90	Smooth, non-granular self-adhering roof underlayment on the following: ☐ Eaves extending 24" past exterior wall plane, and on all valleys, and roof penetrations – 4 pts ☐ Entire roof area – 6 pts	Varies		Spec Sheet
91	Downspout Extensions. Downspouts discharge at least 5 feet away from foundation, measured perpendicular to the foundation wall; landscaping edging does not interfere with discharge; tip-up hooks are removed prior to closing. Buried downspouts must be day-lighted	2		Field verification
92	A capillary break and vapor barrier located under concrete basement floor slabs, to include each of the following: ☐ Install 3" to 4" of course gravel under entire slab area to act as a capillary break ☐ Install 6 mil polyethylene on top of gravel in direct contact with concrete floor to act as a vapor barrier	3		Photos

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93	Conditioned at-grade insulated crawl space with an airtight, minimum 10 mil continuously sealed ground cover. ⇨ Requires item #63 "sealed combustion gas water heating equipment" ⇨ Must see Guide to the Built Green Checklist for additional requirements	4		Field verification
94	Conditioned below-grade crawl space with an airtight, minimum 10 mil continuously sealed ground cover. ⇨ Requires item #63 "sealed combustion gas water heating equipment" ⇨ Must see Guide to the Built Green Checklist for additional venting and other requirements	4		Field verification
	XIV. ENERGY EFFICIENCY: WATER HEATING			
95	Ground-source (desuperheater) and/or waste heat recovery water heating	4		Spec Sheet
96	Side arm water heater off of sealed combustion boiler with AFUE ≥ 85% ⇨ Cannot combine with item #63 "sealed combustion gas water heating equipment"	6		Field verification
97	Tankless water heater with .80 EF or greater. Minimum flow of 5.3 GPM with 50-degree temperature rise ⇨ Requires item #63 "sealed combustion gas water heating equipment"	8		Spec Sheet
98	Water heaters with energy factors (EF) equal to or greater than the following: (choose only one) Gas Water Heaters ☐ EF ≥ .62 (tank-type water heaters) – 1 pt. ⇨ Requires item #63 "sealed combustion gas water heating equipment" Electric Water Heaters ☐ EF ≥ .92 (tank-type water heaters) – 1 pt.	1		Spec Sheet or Energy Guide
99	Insulate all hot water lines to all locations with standard flexible pipe insulation of R-3 or better	2		Spec Sheet
100	Install efficient hot water delivery system by one of the following methods: ⇨ Requires item #99 "insulate all hot water lines… R-3 or better" See Guide for further details ☐ Water heater is within 20' pipe feet of ALL hot water fixtures ☐ Central manifold "home-run" distribution system. Trunk line from water heater to central manifold shall be ≤ 10' feet, and all branch lines shall be < 1/2 " in diameter ☐ Structured plumbing system with hot water circulation loop run to within 10' feet of all hot water fixtures (all branch lines shall be ≤ 10')	3		Field Verification or photos
101	Drain wastewater heat recovery system installed	3		Spec Sheet
	XV. ENERGY EFFICIENCY: APPLIANCES			
102	Dishwasher is an **ENERGY STAR®** labeled product	3		Label
103	Refrigerator is an **ENERGY STAR®** labeled product	3		Label
104	All gas kitchen appliances are equipped with electronic ignition ⇨ Requires item #71 "provide kitchen range hood vented to the exterior…"	2		Field verification
REQ.	**XVI. ENERGY EFFICIENCY: LIGHTING** **➔ REQUIRED CATEGORY - MUST SELECT AT LEAST ONE OPTION**			
105	At least a minimum portion of the hard-wired fixtures are supplied with either ENERGY STAR®-qualified self-ballasted compact fluorescent screw-based bulbs (CFLs) or LED screw-based bulbs (LED bulbs are not currently ENERGY STAR® qualified, so any type may be used). Choose only one ☐ 10% of all installed fixtures are supplied with bulbs that meet the requirement, 1 pt; **OR** ☐ 20% of all installed fixtures are supplied with bulbs that meet the requirement, 3 pts Percentage to be based on fixture count; track lights should be counted based on the number of "heads". See Guide to the Built Green Checklist for additional details and resources	Varies		Builder spec or label

	2008 Built Green® Checklist VERSION 2008.1	Point Value	Check Builder's Selected Options Here	Documents REQUIRED at Time of Random Inspection
106	Lighting efficiency package employed to reduce lighting energy usage. Points awarded according to package(s) listed below: Either CFL or LED fixtures may be used to qualify for these points. (LED's are not currently ENERGY STAR® qualified, so any type may be used. NOTE that LED's will not qualify for the ENERGY STAR Advanced Lighting Package, or ALP). Choose only one ☐ 30% of the installed hard-wired fixtures, inclusive of outdoor fixtures, without consideration for where the fixtures are installed are either ENERGY STAR®-qualified or LED, 3 pts; ☐ 60% of the installed hard-wired fixtures, inclusive of outdoor fixtures, without consideration for where the fixtures are installed are either ENERGY STAR®-qualified or LED [this item complies with the NEW Advanced Lighting Package (ALP) if ENERGY STAR qualified fixtures are used, and all installed ceiling fans are ENERGY STAR qualified] 6 pts; ☐ 90% of the installed hard-wired fixtures, inclusive of outdoor fixtures, without consideration for where the fixtures are installed are either ENERGY STAR®-qualified or LED, 10 pts; Note: Percentage to be based on total fixture count; track lights should be counted based on the number of "heads". See Guide to the Built Green Checklist for additional details and resources and self certification form See following link for ENERGY STAR Advanced Lighting Package: http://www.energystar.gov/ia/partners/manuf_res/ALP_Eligibility_Criteria.pdf	Varies		Builder spec or product label; ENERGY STAR® ALP requires ENERGY STAR® ALP Builder Verification Form (self-certification)
107	Advanced Lighting and Automation Control System capable of unified automation control of lighting loads.	3		Spec sheet
108	Tubular skylights are installed in interior areas such as bathrooms, hallways, and kitchens that receive limited daylight. One point is available per unit, with a (max 2 pts)	1		Field Verification
	XVII. MATERIAL RESOURCE EFFICIENCY: FOUNDATION			
109	Non-solvent based damp proofing	2		Product data
110	Aluminum foundation forms used	1		Builder or Subcontractor letter
111	Foundation form release agents are non-toxic, contain no VOCs, and are biodegradable	2		Spec sheet
112	Recycled-content expansion joint filler	1		Product data
REQ.	**XVIII. MATERIAL RESOURCE EFFICIENCY: FRAMING** **➔ REQUIRED CATEGORY - MUST SELECT AT LEAST ONE OPTION**			
113	Reinforced cementitious foam-formed above grade walls (ICFs, or insulated concrete forms)	10		Plans or Photo
114	Structural insulated panels (SIPs) used for 75% or more of walls	7		Plans or Photo
115	Structural insulated panels (SIPs) used for 75% or more of roof	7		Plans or Photo
116	Engineered alternative wall systems as approved by local code	5		Plans or Photo
117	Dimensional or engineered lumber from third-party certified sustainably-harvested sources used for 100% the following: ☐ Floor framing – 2 pts ☐ Wall framing – 2 pts ☐ Roof framing – 2 pts	Varies		Certificate
118	Engineered alternative replaces large dimension solid lumber (2x10 or greater) in 90% or more of the following areas: ☐ Floor systems (i.e. trusses, joists) – 2 pts ☐ Roof structure (i.e. trusses, joists) – 2 pts	Varies		Spec sheet or field verification
119	Reduced framing package includes ALL of the following: ☐ 24. O.C. on all studs at interior non-bearing walls ☐ 3-stud exterior corners capable of being insulated ☐ No headers in non-bearing interior walls	3		Builder plans & photos

	2008 Built Green® Checklist VERSION 2008.1	Point Value	Check Builder's Selected Options Here	Documents REQUIRED at Time of Random Inspection
120	Advanced framing techniques (OVE, optimum value engineering) employed to reduce/conserve structural framing and lumber. Points awarded according to components listed below: ☐ Roof trusses, wall studs, floor framing spaced 24" on center (stacked framing) – 4 pts ☐ Aligning all door and window openings with stud spacing – 1 pt ☐ Single top plates – 1 pt ☐ Ladder-backed framing or alternate at all partition wall connections – 1 pt ☐ 2 stud exterior wall corners utilizing drywall clips or alternate means of fastening (NO California corners) – 2 pts ☐ Headers – no headers on non-bearing walls; for bearing walls, insulate and size for actual load conditions – 2 pts	Varies		Building plans & photos
121	Engineered lumber products used for the following: ☐ ≥ 50% beams – 2 pts ☐ ALL load-bearing window and door headers – 1 pt ☐ ALL plate and rim joist material – 2 pts ☐ ≥ 10% of stud wall framing – 1 pt	Varies		Spec sheet or field verification
122	Finger-jointed material used for the following: ☐ Plate material – 2 pts ☐ Stud material for 90% of wall framing – 2 pts	Varies		Spec sheet or field verification
123	Recycled-content sheathing where sheer corners and sheer walls are not required (minimum 50% post consumer content by weight) ⇨ OSB does NOT qualify for this point	1		Product literature
124	Non-structural elements of decking materials with the following: ⇨ Choose only one: ☐ ≥ 50% or greater recycled content by weight – 3 pts ☐ ≥ 80% or greater recycled content by weight – 4 pts ☐ Add points for ≥ 25% post-consumer recycled material – 1 pt ☐ Add points if product is 100% recyclable (≥ 50% of decking material must be from post-consumer recycled sources to take this point) – 1 pt	Varies		Product data
125	All decking materials made from third-party certified sustainably-harvested lumber	3		Certificate
	XIX. MATERIAL RESOURCE EFFICIENCY: SUB-FLOOR			
126	Natural cork or 100% recycled or recovered content underlayment	3		Product data
127	Plywood or Oriented Strand Board (OSB) made from sustainably harvested sources for sub-flooring	1		Certificate
	XX. MATERIAL RESOURCE EFFICIENCY: ROOFING			
128	Minimum 40-year roofing material, including concrete, slate, clay or metal ⇨ Cannot combine points with any other roofing material	6		Spec Sheet
129	Asphalt composition shingle (organic or fiberglass based) roofing material must meet one of the following: ⇨ Cannot combine points with any other roofing material ☐ 40-year roofing material – 2 pts ☐ 50-year roofing material – 4 pts	Varies		Spec Sheet
130	Recycled-content roofing material with Class-A fire rating, with =/>50% post consumer content ⇨ Cannot combine points with any other roofing material ☐ 40-year roofing material – 4 pts ☐ 50-year roofing material – 6 pts	Varies		Spec Sheet
131	Installation of either: (choose only one) ☐ Minimum # 30 roofing felt on entire roof ☐ Synthetic underlayment	2		Spec Sheet

	2008 Built Green® Checklist VERSION 2008.1	Point Value	Check Builder's Selected Options Here	Documents REQUIRED at Time of Random Inspection
	XXI. MATERIAL RESOURCE EFFICIENCY: INSULATION			
132	Insulation is certified by a third party to contain at least: (choose only one) ☐ Minimum 75% recycled content (≤ 70% must be post consumer) – 2 pts ☐ Minimum 25% recycled content (≤ 20% must be post consumer) – 1 pt	Varies		Product data
133	HCFC-free foam insulation used for spray foam, ICF blocks, SIPs or rigid insulation	1		Product data
	XXII. MATERIAL RESOURCE EFFICIENCY: WINDOWS & DOORS			
134	Window frames made from third-party certified sustainably harvested wood	2		Certificate or product data
135	Tropical hardwoods, if used anywhere in the home, are from third party certified sustainably harvested wood	2		Product data
136	Doors in home must use non-urea formaldehyde based binders, and constitute one or all of the following: (1 pt per door, max 4 pts) ☐ Recycled content doors (≥ 25% post consumer) ☐ Recovered content doors (e.g. agri-fiber, re-milled wood products) ☐ Reclaimed/reused doors	1		Product data
137	Doors made from third-party certified sustainably harvested wood (1 pt per door, max 4 pts)	1		Certificate
	XXIII. MATERIAL RESOURCE EFFICIENCY: EXTERIOR WALL FINISHES			
138	Wall finish material comprises 50% or more of the exterior wall area, with proper drainage plane installation and/ or manufacturer's specifications regarding drainage plane. (Choose only one) ⇨ Requires item#145 "50% of façade material…") ⇨ See Guide to the Built Green Checklist for proper drainage plane installation ☐ Indigenous stone (500 mile radius) ☐ Locally produced brick (500 mile radius)	6		Spec sheet & Photo
139	Wall finish material comprises 50% or more of the exterior wall area, with proper drainage plane installation and/ or manufacturer's specifications regarding drainage plane. (Choose only one) ⇨ See Guide to the Built Green Checklist for proper drainage plane installation ☐ Cementitious stucco products (natural or synthetic top coat) – 3 pts ☐ Molded cementitious stone – 3 pts	Varies		Spec sheet & Photo
140	Fiber cement fascia and soffits	2		Spec sheet
141	Natural or treated engineered wood siding is 100% from third-party certified sustainably harvested sources on 50% or more of exterior wall area, with proper drainage plane installation, natural wood siding (not treated engineered wood) must be primed on all six (6) sides of the material, and maintains a minimum ¼" air gap between the siding material and the sheathing and drainage plane material	3		Certificate, spec sheet and photos
142	Fiber cement siding on 50% or more of exterior wall area with proper drainage plane installation and/or manufacturer's specifications regarding drainage plane. See Guide to the Built Green Checklist for proper drainage plane installation	3		Spec sheet
143	Recycled and/or recovered-content siding (minimum 40% pre- or post-consumer) on 50% or more of exterior wall area	1		Product data
144	Fascia, soffits or trim for 100% of application from: (choose only one) ☐ Recycled and/or recovered-content materials (minimum 40% pre- or post-consumer) ☐ Treated engineered wood from 100% third party certified sustainably harvested sources (note: OSB, natural wood and MDF can take these points	2		Product data
145	50% of façade material is regionally produced (within 500 mile radius)	1		Product data

	2008 Built Green® Checklist VERSION 2008.1	Point Value	Check Builder's Selected Options Here	Documents REQUIRED at Time of Random Inspection
	XXIV. MATERIAL RESOURCE EFFICIENCY: INTERIOR FINISH FLOOR			
146	Natural fiber carpet (e.g. wool, sisal, etc.) made with non-SB latex backing ☐ ≥ 25% of carpeted floor area – 2 pts ☐ ≥ 50% of carpeted floor area – 4 pts	Varies		Product data
147	Domestic wood flooring from reused/recovered or re-milled sources ☐ ≥ 25% of hard surface floor area – 3 pts ☐ ≥ 50% of hard surface floor area – 6 pts	Varies		Product data
148	Natural linoleum in place of any vinyl sheet flooring or vinyl composition tile, with low toxic adhesives or backing ☐ ≥ 10% of hard surface floor area – 2 pts ☐ ≥ 25% of hard surface floor area – 4 pts	Varies		Product data
149	Wood flooring made from third-party certified sustainably harvested sources ☐ ≥ 25% of hard surface floor area – 3 pts ☐ ≥ 50% of hard surface floor area – 6 pts	Varies		Certificate
150	Bamboo in place of hardwood ☐ ≥ 25% of hard surface floor area – 3 pts ☐ ≥ 50% of hard surface floor area – 6 pts	Varies		Product data
151	Cork flooring in place of hardwood or tile ☐ ≥ 10% of hard surface floor area – 2 pts ☐ ≥ 25% of hard surface floor area – 4 pts	Varies		Product data
152	100% of carpet pad in house is made from the following: (choose only one) ☐ Recycled content textile, carpet, carpet cushion or tire waste (rebond still qualifies) – 1 pt ☐ Natural fiber (wool felt, etc.) or 100% post consumer recycled content carpet pad – 2 pts	Varies		Product data
153	Recycled-content carpet, ≥ 25% post consumer recycled content ☐ ≥ 50% of carpeted floor area – 1 pt ☐ 100% of carpeted floor area – 2 pts	Varies		Product data
154	Ceramic or glass tile is 50% or more post consumer recycled-content	2		Product data
	XXV. MATERIAL RESOURCE EFFICIENCY: CABINETRY AND TRIM			
155	Cabinets and drawer boxes are made from materials that contain no added urea-formaldehyde resins and are made from the following: ☐ Agri-fiber material – 4 pts ☐ SCS or CPA/EPP Certified Composition wood used in cabinets (i.e., particle/fiber board, MDF) – 3 pts SCS = "Scientific Certification Systems" CPA/EPP = "Composite Panel Association's "Environmentally Preferable Product"	Varies		Product data
156	Shelving and/or Countertops are made from materials that contain no added urea-formaldehyde resins and are made from the following: ☐ Agri-fiber material – 3 pts ☐ SCS or CPA/EPP Certified Composition wood used in shelving and/or countertop underlayment (i.e., particle/fiber board, MDF) – 2 pts SCS = "Scientific Certification Systems" CPA/EPP = "Composite Panel Association's "Environmentally Preferable Product"	Varies		Product data
157	Cabinet frames, doors and drawer fronts with low-VOC finishes (≤ 250 grams/liter), made from one or all of the following: (choose only one) ☐ 100% reclaimed or salvaged wood ☐ 100% agri-fiber composite material (w/ no added urea-formaldehyde resins) ☐ 100% bamboo or other rapidly renewable resource ☐ Third-party certified sustainably harvested sources	4		Product data or Certificate

	2008 Built Green® Checklist VERSION 2008.1	Point Value	Check Builder's Selected Options Here	Documents REQUIRED at Time of Random Inspection
158	Trim made from the following materials: ☐ SCS Certified Composition wood used for trim (i.e. fiber board/MDF) – 2 pts ☐ Finger-jointed trim – 1 pt	Varies		Product data
159	Solid hardwood trim from third-party certified sustainably harvested sources	2		Certificate
	XXVI. MATERIAL RESOURCE EFFICIENCY: MATERIALS REDUCTION & RE-USE			
160	Home size. Choose only one: ☐ House does not exceed 2000 square feet of conditioned area (excluding crawl space) – 10 pts ☐ House does not exceed 1500 square feet of conditioned area (excluding crawl space) – 15 pts	Varies		Builder plans
161	Specify salvaged, reclaimed or refurbished materials for 5% of structural materials	5		Spec sheet
162	Specify salvaged, reclaimed or refurbished materials for 5% of finish materials, not including flooring ⇨ Cannot combine with #147 "domestic wood flooring from reused/recovered …"	5		Spec sheet
163	Paints or finishes with recycled-content and VOC content of ≤ 200 grams/liter	1		Product data
	XXVII. MATERIAL RESOURCE EFFICIENCY: CONSTRUCTION WASTE REDUCTION & RECYCLING			
164	Minimize jobsite waste by sending to the landfill NO MORE than 2.0 lbs per square foot of conditioned floor area (which roughly equates to: 13 cubic yards per 1,000 square feet), through one or more of the following: Max pts. 8 ☐ Reducing material waste through efficient material procurement/building practices – 6pts ☐ Demonstrating an onsite recycling and/or reuse program – 6pts ☐ Utilizing a waste hauler with a solid waste management and recycling plan (waste diversion records required) – 6pts ☐ Use of an on-site grinder – 2 pts ⇨ See Guide for additional information	Varies		Builder letter/plan or waste diversion record
165	Built-in recycling center with two or more bins	3		Field verification or invoice
REQ.	**XXVIII. RESOURCE CONSERVATION: WATER** **➔ REQUIRED CATEGORY - MUST SELECT AT LEAST ONE OPTION**			
166	Clothes washer meets one (or both) of the following requirements: ☐ ENERGY STAR® labeled product – 3 pts ☐ Add pts for washers which meet the Consortium for Energy Efficiency (CEE) Tier 3 with a water factor of < 4.5 – 3 pts	Varies		Label
167	Install a hot water demand controlled recirculation pump. A manual control or occupant sensor switch shall operate the pump with an automatic sensor shut-off.	3		Spec Sheet
168	Bathroom faucets fitted with aerator restricting flow to 1.8 gpm or less	1		Field Verification
169	Kitchen faucet fitted with aerator restricting flow to 2.0 gpm	1		Field Verification
170	Showerheads installed are low-flow (less than ≤ 2.0 gpm) (1 point for each showerhead)	1		Field Verification
171	Dual-flush gravity, pressure or vacuum assist toilet averaging 1.1 gpf with a performance factor ≥ 400 grams/flush. (3 points for each installed, max 9 pts) ⇨ Performance standards referenced in the MaP test 7th or later Editions. See Guide to the Checklist for MaP Test reference ☐ Dual-flush gravity toilet ☐ Pressure or vacuum assist toilet	3		Spec Sheet
172	Standard and High Efficiency Toilets (HET) meet the following: ⇨ Performance standards referenced in the MaP test 7th or later Editions. See Guide to the Checklist for MaP Test reference ☐ ≤ 1.6 Gallons Per Flush toilets with a performance factor ≥ 400 grams/flush – 1 pt per toilet (max 3) ☐ ≤ 1.3 GPF toilets with a performance factor greater than ≥ 400 grams/flush – 2 pts per toilet (max 6)	Varies		Spec Sheet

	2008 Built Green® Checklist VERSION 2008.1	Point Value	Check Builder's Selected Options Here	Documents REQUIRED at Time of Random Inspection
173	Landscape is designed based on a water budget with a maximum of 15 gal/sq. ft. per year when fully established, in addition to natural precipitation. Copy of water budget should be provided to homeowner or available in HOA documents. See http://www.greenco.org/downloadables/Water%20Budgeting.pdf for water budget calculations	8		Copy of water budget
174	Soil amendment must include ALL of the following: ☐ Install at least three cubic yards of soil amendment per 1000 square feet of installed landscape area, based on soil analysis. ☐ Amendment must be tilled 4-6" below the surface	4		Invoice
175	Efficient irrigation system, must including ALL of the following: ☐ Installed irrigation system is designed for the efficient distribution of water, based on hydrozones ☐ Turf and bedding areas are zoned separately ☐ Shrubs and trees are irrigated with non-spray irrigation systems such as drip irrigation and subsurface irrigation	4		Subcontractor letter
176	Installed irrigation system controls include at least one of the following: ☐ Soil moisture, rain sensor, or other irrigation efficiency device – 2 pts ☐ Evapotranspiration (ET) controllers that allow flexible programming to adjust watering schedules to the historical needs of plant types – 3 pts ☐ Evapotranspiration (ET) device features "real-time" feedback (i.e., radio, internet or pager signals from a weather station) – 1 pt	Varies		Landscaper or Irrigation Contractor Letter
177	Irrigation system is equipped with a master valve that prevents the mainline and zone valves from being pressurized unless the irrigation controller initiates an irrigation cycle. (This is NOT a typical back-flow prevention device)	1		Spec sheet
178	Pop-up sprinklers are equipped with pressure-compensating heads and check valves. All systems should be designed and installed with head-to-head spacing of sprinklers and nozzles with matched precipitation rates for each zone	2		Subcontractor letter
179	Installed bedding areas are mulched to a depth of 3" ☐ Additional point if mulch or compost is generated from on-site construction or tree trim waste – 1 pt	2		Builder Letter
180	Install practical turf areas and turf alternatives following Xeriscape principles (See http://www.water.denver.co.gov/xeriscapeinfo/xeriscapeframe.html for Xeriscape details). ☐ Turf should not be installed in narrow strips less than 8 ft wide – 1 pt ☐ Turf should not be installed on slopes greater than 4:1 or in areas that are difficult to efficiently irrigate and manage – 1 pt ☐ Native or low water-use plantings – 1 pt ☐ Cool season turf grass, buffalo grass, blue grama grass, turf-type tall fescue and fine fescues– 1 pt	Varies		Subcontractor letter
181	Permeable materials comprise 40% of areas for all walkways, patios and driveways	2		Product data
182	Rainwater directed toward landscaping where practical. Landscapes receiving redirected water must be at least five feet from the building foundation	1		Field verification
183	Irrigation system is designed by a Certified Irrigation Designer (CID) and installed by a Certified Irrigation Contractor (CIC) or Certified Landscape Technician (CLT). See http://www.irrigation.org to search for professionals in your area	2		Certificate
184	Installed irrigation system is certified by a Certified Landscape Irrigation Auditor (CLIA). See http://www.irrigation.org to search for professionals in your area	2		Certificate
185	Provide a list of drought tolerant plants to homebuyers.	1		Copy
186	Provide homebuyers with at least 3 sample water-wise landscaping and irrigation sketch plans (when landscaping is not installed)	3		Copies
187	Residential grey-water reuse system (use of this product type are subject to local codes and may require special permits. Check with your local jurisdiction for approval) ☐ House is pre-plumbed for grey-water toilet flushing – 3 pts ☐ Installed grey-water system for toilet flushing – 5 pts ☐ Installed grey-water system utilized for outdoor irrigation – 2 pts	Varies		Product data & subcontractor letter
	75 POINTS MINIMUM REQUIRED. Enter your point total here.			