



## 2012 NARI Green Project Recognition Program

The NARI Green Project Recognition Program, held in conjunction with the NARI CotY Awards, is a voluntary green remodeling initiative recognizing remodeling projects and Green Certified Professionals that meet sustainable building and energy standards.

**Thanks to our Awards Sponsors!**



PO Box 4250, Des Plaines, IL 60016 847-298-9200

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# NARI GREEN PROJECT RECOGNITION

## How the Program Works

In an effort to recognize the sustainable and eco-friendly remodeling practices of our NARI members, the NARI National Awards Committee has developed the NARI Green Project Recognition program. NARI members from across the country were consulted in the development of the criteria for this program, and additional information and support was received through industry research and with the help of related organizations' established programs. Eligible NARI contractor members may participate in the NARI Green Project Recognition program when they enter the CotY Awards program. NARI Green Project Recognition can be achieved regardless of CotY winning status, but must be submitted with a CotY Award entry.

Members interested in participating will complete and provide a project criteria checklist, project registration form, homeowner affidavit, and appropriate fees when submitting their CotY entry. The project must meet all CotY rules and guidelines to be eligible for NARI Green Project Recognition. Entries disqualified from CotY judging will not be further considered for this recognition.

## Recognition Awarded

All submissions meeting the program qualifications will receive a certificate of NARI Green Project Recognition. In addition, an official NARI Green designation will be included on trophies for all recognized projects that are selected as Regional or National CotY winners. All announcements and press releases, including on the NARI website, will indicate this achievement.

## Qualifications

To qualify as a NARI Green Recognized Project, each project must earn the minimum number of points as outlined below.

### **Specialty Categories - 10 points required**

All Residential Interior and Exterior Specialty Categories

### **Interiors and Exteriors - 30 points required**

All Residential Kitchen, Bath, Interior and Exterior (not specialties), Home Theater, and Residential Universal Design categories

### **Residential Additions / Entire House - 60 points required**

All Residential Addition, Entire House, and Historical Renovation/Restoration categories.

The CotY category must be indicated on the Project Registration Form. Points cannot be earned for existing conditions, products, materials or systems in any submission. NARI Green Project Recognition will be awarded for eligible CotY entries meeting these minimum standards. Only one checklist should be submitted per CotY entry.

## Project Verification

Just as homeowner verification is required for each CotY entry, additional and separate homeowner signature is required on the attached form for NARI Green Project Recognition. NARI reserves the right to obtain information in addition to the homeowner affidavit and criteria checklists, and contractor should provide promptly upon request. NARI Green Project Recognition is specific to the remodeling projects entered. No claims are being made other than the remodeling project named on the project registration form, and homes that incorporate green recognized projects may contain other elements that are not considered green.

2012

**NARI Green Project Recognition Program Registration**

**Member Information**

**Company Name**

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**Contact**

**Email**

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**Address**

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**City**

**State**

**Zip**

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**Phone**

**Fax**

**Website**

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**Project Information (we never share this)**

**Project Address**

**City**

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This NARI Green Project submission is entered in the following

2012 CotY category \_\_\_\_\_

Registration fee for each project is **\$50.00**

My check/money order in the amount of \$\_\_\_\_\_ made payable to NARI is enclosed.

You may charge \$\_\_\_\_\_ to \_\_\_\_\_ MasterCard \_\_\_\_\_ VISA \_\_\_\_\_ American Express

**Card Number**

**Exp date**

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**Cardholder's Name (as printed on card)**

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**Full billing address for card**

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**Cardholder's Signature:**

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Please send forms, checklists, and payment with CotY entry to:

NARI Awards  
PO Box 4250  
Des Plaines, IL 60016  
847-298-9200

Projects submitted for NARI Green Project Recognition must earn a specified minimum number of points to qualify. See page 2 of these instructions for details. Each criteria item is valued at (1), (2), (3), (4), or (5) points. Please indicate points attained in the space provided.

**SECTION A: SITING AND LAND USE**

<b>A1</b>	(1) Patio, porch or deck located on south side of house to create sunny, wind sheltered outdoor space
<b>A2</b>	(1) Screened porch is provided to create an unconditioned, sheltered outdoor space

**SECTION A Subtotal** \_\_\_\_\_

**SECTION B: LANDSCAPE CONSERVATION AND STORMWATER MANAGEMENT**

<b>B1</b>	(1) Use of redundant straw bale and silt fencing in areas with steep slopes (greater than 12% grade) or areas of concentrated runoff flow if site disturbance occurs
<b>B2</b>	(1) Protect on-site storm sewer inlets with straw bales, silt fencing or equivalent measures if site disturbance occurs
<b>B3</b>	(1) Save and reuse all site topsoil if site disturbance occurs
<b>B4</b>	(1) Trees and natural features on site protected during construction if site disturbance occurs
<b>B5</b>	(1) Placement of addition saves east and south lot areas for outdoor use
<b>B6</b>	(1) Chip and reuse site-cleared wood and brush as mulch
<b>B7</b>	(1) Wash out concrete trucks in slab or pavement sub-base areas List location _____
<b>B8</b>	(1) Balance cut and fill to eliminate earth removal from site if site disturbance occurs
<b>B9</b>	(2) Replant or donate live trees from the site
<b>B10</b>	(2) Site disturbance limited to within 20 feet of structures and paved areas
<b>B11</b>	(1) Permeable materials such as brick pavers, flagstones, porous paving or limestone fines for 40% of all walkways, patios and driveways
<b>B12</b>	(1) Grass that uses less water such as blue gamma, fescue, or 'no-mow' min 75% of turf areas List type/supplier _____
<b>B13</b>	(1) Native landscape plantings min 20% of non-paved areas List landscape contractor _____
<b>B14</b>	(2) Native landscape plantings min 40% of non-paved areas List landscape contractor _____
<b>B15</b>	(3) Native landscape planting min 60% of non-paved areas List landscape contractor _____

<b>B17</b>	(3) Infiltration system for rooftop run off (eg rain gardens, drain tile, bioswales, ponds, etc)
<b>B18</b>	(1) Edible landscape planting/food garden
<b>B19</b>	(1) Provide a list of native, non-invasive plants to homeowners
<b>B20</b>	(1) Limit turf grass other than 'no mow' mixes or prairies to 25% of landscaped area
<b>B21</b>	(2) No turf grass other than 'no mow' mixes or prairies
<b>B22</b>	(1) Provide information to homeowners on how to minimize fertilizer and pesticide use
<b>B23</b>	(1) Installed irrigation system includes a soil moisture or rain sensor or is a drip type system
<b>B24</b>	(1) Installed irrigation system is zoned separately for turf and bedding areas
<b>B25</b>	(2) Restore damaged ecosystem such as existing prairies or wetlands
<b>B26</b>	(1) Participate in a wildlife conservation program
<b>B27</b>	(4) Vegetated or "green" roof system, min 100 sq ft
<b>B28</b>	(1) Provide onsite supervision and coordination during site clearing, grading, trenching, paving, and installation of utilities to ensure that green building measures are implemented
<b>B29</b>	(1) Use of recycled materials in lieu of silt fencing

**SECTION B Subtotal** \_\_\_\_\_

**SECTION C: ENERGY EFFICIENCY**

**HOME PERFORMANCE WITH ENERGY STAR**

<b>C1</b>	(4) A Home Performance with ENERGY STAR in-home evaluation was conducted prior to work being done
<b>C2</b>	(2) A post-performance evaluation and inspection was conducted after construction

**SITE DESIGN**

<b>C3</b>	(2) Addition and/or home oriented with long dimension facing within 15 degrees of south
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<b>B16</b>	(1) Rainwater recovery from roof for watering, min 50 gal storage capacity
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<b>C4</b>	(1) Massing of addition and/or home respects solar access of adjacent properties
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<b>C5</b>	(1) Garage sited between house and prevailing winter winds to act as a buffer (garage to the north or west of house)
<b>C6</b>	(1) Deciduous trees provided on south side or evergreens on west side of house such that when mature they will shade the house Native species, min 25" caliper, 3'-0" high

<b>C22</b>	(1) Insulate rim joists in existing structures
<b>C23</b>	(1) Insulate attic pull-down or scuttle to min R-19

**INSULATION AND AIR SEALING**

<b>C7</b>	(1) Energy heels of 7" or more on trusses
<b>C8</b>	(1) Advanced sealing package in addition to basic sealing practices (sealing at top and bottom plates, corners and between cavities at penetrations)
<b>C9</b>	(2) Blower door test indicating air leakage reduction of at least 20%
<b>C10</b>	(3) Blower door test indicating air leakage reduction of at least 30%
<b>C11</b>	(4) Blower door test indicating air leakage reduction of at least 40%
<b>C12</b>	(1) Sill plate sealed with caulk (sill plate to foundation and rim to sill plate)
<b>C13</b>	(2) Can lights in insulated ceilings are sealed and insulated
<b>C14</b>	(1) Gaps between can light housings and drywall caulked
<b>C15</b>	(1) Gaps between exhaust fan housings and drywall caulked
<b>C16</b>	(1) All penetrations to the exterior are sealed both inside and outside
<b>C17</b>	(3) Temporarily remove attic insulation and seal top plates
<b>C18</b>	(2) Insulate existing attic to code
<b>C19</b>	(3) Insulate new or existing attic to min R-50
<b>C20</b>	(4) Fill existing sidewalls to capacity with insulation
<b>C21</b>	(1) Insulate floors over basements or crawlspaces in existing structures

**GLAZING**

<b>C24</b>	(1) Windows are ENERGY STAR qualified or have a U value $\leq 0.35$ (NFRC label) List manufacturer _____
<b>C25</b>	(2) Windows have a U value $\leq 0.26$ (NFRC label) List manufacturer _____
<b>C26</b>	(1) Windows have an air leakage rating $\leq 0.06$ cfm/ft List manufacturer _____
<b>C27</b>	(1) 25% of windows fitted with insulated window coverings
<b>C28</b>	(1) No metal frame windows in house, including basements, unless thermally broken
<b>C29</b>	(1) East facing glass NFRC label solar heat gain coefficient (SHGC) less than 0.40. List manufacturer _____
<b>C30</b>	(1) West facing glass NFRC label solar heat gain coefficient (SHGC) less than 0.40. List manufacturer _____
<b>C31</b>	(2) South glass shaded by exterior shading in May, June and July at 12 noon
<b>C32</b>	(1) Use clerestory windows for natural lighting in addition or remodeled spaces

**MECHANICAL SYSTEMS**

<b>C33</b>	(1) 90%-94% efficiency furnace (ENERGY STAR label encouraged) List manufacturer & model # _____
<b>C34</b>	(2) 95% or higher efficiency furnace (ENERGY STAR label encouraged) List manufacturer & model # _____
<b>C35</b>	(2) Furnace is equipped with an electronically commutated motor (ECMs) - (variable speed motor) List manufacturer & model # _____
<b>C36</b>	(1) Furnace located to min. total length of duct runs
<b>C37</b>	(1) Install a 92% or higher effic. condensing boiler

<b>C38</b>	(1) High effic. A/C or heat pump (ENERGY STAR qualified, SEER 14+, or COP 45+) if A/C provided List mfr & model # _____
<b>C39</b>	(2) No newly added ductwork located in unconditioned space or exterior walls
<b>C40</b>	(1) Ductwork in unconditioned space or exterior walls insulated (R-13 min)
<b>C41</b>	(1) Duct design complies with Manual D or equivalent
<b>C42</b>	(2) New HVAC supplies and returns are fully ducted (no use of building cavities)
<b>C43</b>	(2) Existing ductwork removed from building cavities
<b>C44</b>	(1) All ductwork joints sealed with mastic or aluminum tape
<b>C45</b>	(2) Airflow for each duct run measured and balanced to within 15 cfm of design value
<b>C46</b>	(1) High efficiency whole house fan installed with R-38 min insulated cover
<b>C47</b>	(1) Two properly supported ceiling fans installed (ENERGY STAR label encouraged)
<b>C48</b>	(2) Heat Recovery Ventilator (HRV) installed List manufacturer _____
<b>C49</b>	(3) Energy Recovery Ventilator (ERV) installed List manufacturer _____
<b>C50</b>	(3) Geothermal heat pump installed (ENERGY STAR labeled encouraged) List contractor _____
<b>C51</b>	(1-5) Zoned HVAC system (1 point per additional zone)

<b>C52</b>	(4) No air conditioning
<b>C53</b>	(1) Whole house electricity monitoring system installed
<b>C54</b>	(1) Document proper sizing of HVAC system using Manual J or equivalent
<b>C55</b>	(1) High efficiency fireplace such as direct vent gas, Rumford, or masonry heater or no fireplace installed

#### APPLIANCES

<b>C56</b>	(1) Appliances performing in top 10% of the Energy Guide rating (score one point for each appliance) _____ dishwasher _____ refrigerator _____ washing machine _____ Microwave _____ Other: list _____
<b>C57</b>	(1) Provide an exterior clothesline

#### LIGHTING & ELECTRICAL SYSTEMS

<b>C58</b>	(1) Light-colored interior walls, ceiling and soffit Mid tone to light color flooring/carpet (min 75%)
<b>C59</b>	(1) Install ENERGY STAR qualified light fixtures (min 4 fixtures)
<b>C60</b>	(1) Furnish five compact fluorescent light bulbs to homeowner (ENERGY STAR labeled encouraged)
<b>C61</b>	(1) Compact or linear fluorescent lighting in place of incandescent lights
<b>C62</b>	(1) Install lighting dimmers, timers, or motion detectors (min 4 fixtures)

<b>C63</b>	(1) Motion detector activators or photocells/ timers on all exterior lighting
<b>C64</b>	(1) Solar powered walkway or outdoor area lighting (min 6 fixtures)
<b>C65</b>	(1) Solar tube(s) for interior daylighting
<b>C66</b>	(5) Solar photovoltaic system installed (5 pts per kW of generation capacity)
<b>C67</b>	(2) Provide south roof area for future solar panels (min 400 sq ft within 15° of south with a roof angle of 30°-50°) and electrical rough-in for solar electric (photovoltaic) power system
<b>C68</b>	(3) No can lights added in insulated ceiling
<b>C69</b>	(3) Home has an ENERGY STAR Advanced Lighting Package (ALP)
<b>C70</b>	(2) LEDs used in lieu of CFLs or incandescents for general, task or accent lighting
<b>C71</b>	(5) Fuel cell installed for electricity generation (5 pts per 5 kW of generation capacity)

**INTEGRATED CLIMATIC DESIGN**

<b>C72</b>	(4) Passive solar heating design package (includes orientation, south glazing/ floor area ratio, orientation specific low-e tuning, summer shading, and thermal mass design)
<b>C73</b>	(4) Passive cooling design package (includes orientation, summer shading, thermal mass, attic ventilation, additional ceiling fans, heat recovery ventilation and natural ventilation design)

**SECTION C Subtotal** \_\_\_\_\_

**SECTION D: MATERIALS SELECTION**

**EXTERIOR**

<b>D1</b>	(1) Design added house features to reduce materials consumption (e.g. patios in place of decks)
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<b>D2</b>	(1) Masonry and stone salvaged or reused List source _____
<b>D3</b>	(1) New masonry and stone regionally produced (within 500 miles) List supplier _____
<b>D4</b>	(1) Decks, site furnishings and/or other outdoor structures constructed with sustainable, low-toxicity materials: reused wood, certified sustainable yield wood, or recycled plastic/ wood fiber composites

**BELOW GRADE**

<b>D5</b>	(1) Recycled fly ash concrete (min15% flyash content) List contractor _____
<b>D6</b>	(2) Cast-in-place insulating concrete form work
<b>D7</b>	(3) Insulated pre-cast concrete foundation systems
<b>D8</b>	(2) Cast in place footing forms with integral drainage features List product
<b>D9</b>	(1) Reusable foundation forms used to reduce waste (e.g. metal rather than site built wood forms)
<b>D10</b>	(1) Low toxicity form release agents used on concrete form work List product _____
<b>D11</b>	(1) Non-asphalt based damp proofing List product _____
<b>D12</b>	(1) Water based waterproofing system List product _____
<b>D13</b>	(2) Frost protected shallow foundation
<b>D14</b>	(1) Reusable foundation bracing not constructed of framing lumber used
<b>D15</b>	(1) House built on 3'9" foundation walls (90% of foundation walls)

**STRUCTURAL FRAME**

D16	(1) Provide weather protection for stored materials
D17	(1) No use of 2x10 or greater dimension solid lumber in floor or roof systems
D18	(1) Use prefabricated insulated headers
D19	(1) Engineered wood "I" joists or truss joists used for floors
D20	(1) Trusses or "I" joists used for roofs
D21	(1) Engineered lumber products used for beams, joists or headers
D22	(1) Finger-jointed studs, engineered stud material, or plate materials used. (4 points possible) Optimum Value Engineering (O.V.E) advanced framing package (e.g. 24" O.C. studs, 3 stud corners, etc.) as developed by the NAHB. <b>For every three strategies selected receive 1 pt:</b> ___frame greater than 16" centers, ___single top plate, ___optimized header sizes, ___, 2'-0" framing module, ___centralized cutting areas, ___detailed job-site framing plans, ___two stud corners, ___ladder backing/ drywall clips, ___header hangers, ___reduced cripples/ jacks, ___optimized sheathing, ___reduced waste factor
D23	(3) Use of reused timber or framing lumber (min 25% lumber of lumber used)
D24	(2) Use of energy efficient 2x4 exterior wall system
D25	(2) Use of panelized construction
D26	(4) Use of alternative building systems with significant environmental performance features such as SIPS, ICFs, Fasswall, Autoclaved Aerated Concrete List system _____
D27	(5) Other climate appropriate natural building system such as strawbale List system _____
D28	(2) Structural wood that is regionally grown, milled, and produced (at least 50% of wood used)
D29	(3) Structural wood from (FSC, Smart Wood or equivalent) certified sustainably managed forests (at least 50% of wood used)

D30	(1) Advanced rim joist insulation (prefabricated insulated rim joist, spray foam insulation, or other similar technique)
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**ENVELOPE, WALLS & CEILINGS**

D31	(1) Large roof overhangs to extend life of siding finishes: 24" horizontal projection min
D32	(1) Use of non-sealed insulating glazing or sash designs that allow for insulated glazing unit replacement without requiring sash replacement
D33	(1) Fiber-cement or wood composite siding installed (min 50% of siding used)
D34	(2) Recycled content sheathing (min 50% pre- or post-consumer recycled content) List product _____
D35	(1) Recycled content siding used (min 50% pre-consumer) List product _____
D36	(2) Recycled content siding used (min 50% post-consumer) List product _____
D37	(1) Recycled content fascia, soffit, or trim (min 50% pre-consumer) List product _____
D38	(2) Recycled content fascia, soffit, or trim (min 50% post-consumer) List product _____
D39	(1) Metal siding with long-life factory finish (min 25% of siding used)
D40	(1) Natural cementitious stucco
D41	(2) Continuous drainage plane installed behind siding
D42	(3) Vented rain screen behind siding
D43	(2) Drywall with 90+% recycled-content gypsum List product _____
D44	(1) High strength ½ inch drywall substituted for 5/8 drywall on ceilings List product _____
D45	(3) Plywood or other sheathing from (FSC, Smart Wood or equivalent) certified sustainably managed forests

<b>D46</b>	(2) No vinyl siding, soffit, fascia, trim, or windows
<b>D47</b>	(1) Factory finished wood, fiber cement, or composite siding
<b>D48</b>	(1) Siding and exterior trim primed on all sides
<b>D49</b>	(1) Brick or stone siding on 75% or more of the home's exterior
<b>D50</b>	(1) Flexible, self adhering rubber flashing installed around all windows and integrated with drainage plane
<b>D51</b>	(1) Insulated sheathing used

#### INSULATION

<b>D52</b>	(1) Recycled content insulation (min 25% recycled content and min 50% of insulation used) List product _____
<b>D53</b>	(2) Blown/sprayed-in insulation used at walls
<b>D54</b>	(3) Natural insulation (cotton, bio-based foam, etc) used (min 50% of insulation)
<b>D55</b>	(1) Below slab insulation installed
<b>D56</b>	(1) Exterior foundation walls insulated with min 1" of foam insulation
<b>D57</b>	(2) Exterior foundation walls insulated with min 2" of foam insulation
<b>D58</b>	(1) Variable permeance or "smart" vapor retarder installed

#### ROOF

<b>D59</b>	(1) Recycled content roofing material (min 25% recycled content) List product _____
<b>D60</b>	(2) Minimum 40 year roofing material
<b>D61</b>	(3) Minimum 50 year roofing material including asphalt, concrete, slate, clay, composition, metal, rubber or fiberglass
<b>D62</b>	(3) Plywood, OSB, or other roof decking from (FSC, Smartwood or equivalent) certified sustainably managed forests (at least 50% of decking used)

#### SUB-FLOOR

<b>D63</b>	(1) Recycled content underlayment (100% of underlayment used) List product _____
<b>D64</b>	(3) Plywood or other subfloor from (FSC, Smart Wood or equivalent) certified sustainably managed forests

#### FINISH FLOOR

<b>D65</b>	(1) Bamboo flooring installed (min 75sqft)
<b>D66</b>	(1) Cork flooring installed (min 75sq ft)
<b>D67</b>	(2) Flooring made from reclaimed (recycled) wood (min 50% of wood flooring)
<b>D68</b>	(2) Recycled content ceramic tile - (min 50% of tile used)
<b>D69</b>	(2) Salvaged stone or masonry flooring
<b>D70</b>	(1) Recycled content carpet pad (100% of pad used)
<b>D71</b>	(1) Recycled content carpet - tacked not glued (min 50% of carpet used)
<b>D72</b>	(3) Flooring from (FSC, Smart Wood or equivalent) certified sustainably managed forests (min 50% of wood flooring)
<b>D73</b>	(2) No vinyl flooring or base trim
<b>D74</b>	(2) Reuse existing flooring materials (min 50% of flooring in areas affected by remodeling)

#### DOORS, CABINETS AND TRIM

<b>D75</b>	(1) Recycled content doors or MDF List manufacturer _____
<b>D76</b>	(1) Domestically grown interior wood panel doors
<b>D77</b>	(1) Finger jointed trim or MDF (min 75% of trim stock)

<b>D78</b>	(1) Domestic hardwood trim (min 75% of trim stock)
<b>D79</b>	(1) Recycled content countertops (e.g. Environ, Richlite, Avonite)
<b>D80</b>	(1) Concrete, regionally produced, or regionally quarried countertops
<b>D81</b>	(2) Use of reused hardwood trim, cabinets, and/or doors (min 25% of stock)
<b>D82</b>	(3) Trim from (FSC, Smart Wood or equivalent) certified sustainably managed forests (min 50% of wood trim)
<b>D83</b>	(3) Finish grade plywood from (FSC, Smart Wood or equivalent) certified sustainably managed forests (min 50% of finish plywood)
<b>D84</b>	(2) Wheat or strawboard materials used in place of particleboard

**SECTION D Subtotal** \_\_\_\_\_

**SECTION E: INDOOR AIR QUALITY**

<b>E1</b>	(1) Take measures to avoid air pollution or IAQ problems due to construction dust
<b>E2</b>	(1) Isolate construction from non-construction spaces
<b>E3</b>	(2) Garage physically separated from house
<b>E4</b>	(1) Measures taken to reduce carbon monoxide infiltration using one of the following four methods (maximum of one point) ____ continuous air barrier separation, ____ weather-sealed door, ____ exhaust fan in garage on timer or wired to door opener, ____ garage ventilated to neutral pressure
<b>E5</b>	(1) Foundation drainage system tied to sealed sump pit for potential radon mitigation
<b>E6</b>	(1) Locked, vented chemical storage cabinet provided outside of living space
<b>E7</b>	(1) Operable windows on two walls for rooms with two exterior wall surfaces
<b>E8</b>	(1) High efficiency media air cleaner such as April Aire 2200/2250/2400

<b>E9</b>	(1) Furnace and /or duct mounted electronic air cleaner such as April Aire 5000
<b>E10</b>	(1) Furnace and /or duct mounted HEPA filter
<b>E11</b>	(2) All ductwork joints sealed with water based, low VOC mastic (< 30g/l) or metalized tape
<b>E12</b>	(2) Hydronic heating system (serving min 50% of conditioned space)
<b>E13</b>	(2) Central vacuum system vented to the exterior (excludes garage)
<b>E14</b>	(1) ENERGY STAR qualified residential ventilating (bath) fans List manufacturer & model # _____
<b>E15</b>	(4) House meets American Lung Association Health House standards
<b>E16</b>	(1) Automatic tub/shower room fan controls such as timers or humidistats
<b>E17</b>	(1) Bath fans installed with smooth ducting with short, straight runs
<b>E18</b>	(1) Spring loaded, weather stripped fan dampers installed
<b>E19</b>	(2) Whole house dehumidification system installed
<b>E20</b>	(1) Free-standing, high efficiency, high capacity dehumidifier with built-in heater
<b>E21</b>	(1) Use non-toxic cleaners
<b>E22</b>	(1) Ventilate the home after each new finish is applied
<b>E23</b>	(1) Clean ducts and furnace thoroughly after construction
<b>E24</b>	(1) Install CO detector(s)
<b>E25</b>	(1) Conduct radon or lead testing
<b>E26</b>	(1) Washed stone installed under basement slab for potential radon mitigation
<b>E27</b>	(1) Rough-in venting provided for potential radon mitigation

<b>E28</b>	(1) UV light in supply duct
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**IAQ MATERIALS**

<b>E29</b>	(2) Formaldehyde-free insulation
<b>E30</b>	(1) GreenGuard or equivalent certified low formaldehyde insulation
<b>E31</b>	(1) Batt insulation that is encapsulated or otherwise non-irritating
<b>E32</b>	(2) Non-toxic spray foam insulation
<b>E33</b>	(1) Urea formaldehyde-free sub-floor and underlayment material List product _____
<b>E34</b>	(2) Use of hard surface floors such as wood, concrete, tile or linoleum (min 50% of floor area)
<b>E35</b>	(3) Use of hard surface floors such as wood, concrete, tile or linoleum (min 90% of floor area)
<b>E36</b>	(2) Natural linoleum with low toxic adhesives and backing in place of vinyl flooring
<b>E37</b>	(2) Natural material carpet (wool, sisal, etc) - tacked not glued (100% of carpet used)
<b>E38</b>	(1) Natural material carpet padding (natural rubber, wool, 100% of padding used)
<b>E39</b>	(1) Carpet and Rug Institute Green Label IAQ label on all carpet used
<b>E40</b>	(2) Carpet and Rug Institute Green Label +Plus IAQ label on all carpet used
<b>E41</b>	(1) Hardboard content doors with MDI or non-toxic binders List supplier/product _____
<b>E42</b>	(1) All cabinets, shelves, and countertops made with formaldehyde free materials: solid wood, formaldehyde free particleboard or MDF (medium density fiberboard), metal with natural or baked enamel factory finish List supplier / product _____
<b>E43</b>	(1) All exposed particleboard containing formaldehyde sealed with non-toxic sealer

**IAQ FINISHES AND ADHESIVES**

<b>E44</b>	(1) Low VOC paints (<150 g/l) used throughout One point each: ___ interior primer, ___ interior finish, ___ exterior primer, ___ exterior finish List supplier /product _____
<b>E45</b>	(2) Non-Toxic zero VOC Paints used throughout (AFM Safecoat or equivalent) <b>Two points each:</b> ___ interior primer, ___ interior finish, ___ exterior primer, ___ exterior finish List supplier /product _____
<b>E46</b>	(1) Water based, "low VOC" adhesives used throughout One point each: ___ construction adhesive, ___ cove base adhesive, ___ PVC adhesive, ___ thinset mortar, ___ other List supplier /product _____
<b>E47</b>	(1) Water-based urethane finishes on wood floors
<b>E48</b>	(1) Water-based finishes on woodwork
<b>E49</b>	(1) Supply workers with VOC safe masks

**SECTION E Subtotal** \_\_\_\_\_

**SECTION F: PLUMBING AND WATER CONSERVATION**

<b>F1</b>	(1) Front loading, horizontal axis clothes washer
<b>F2</b>	(1) Select bathroom faucets with GPM less than code or install low flow aerators
<b>F3</b>	(1) Select kitchen faucets with GPM less than code or install low flow aerators
<b>F4</b>	(1) Select showerheads with GPM less than code
<b>F5</b>	(1) Manifold plumbing system with PEX tubing
<b>F6</b>	(2) Composting toilet
<b>F7</b>	(2) Rough-in for future greywater recovery system
<b>F8</b>	(3) Greywater recovery system installed for domestic use

F9	(1) No garbage disposal
F10	(2) No PVC piping for drains, wastes and vents
F11	(1) All showers are equipped with only one showerhead
F12	(1) Dual flush or ultra low flow toilet with GPF less than code
<b>WATER HEATING</b>	
F13	(1) Gas water heater with energy factor of more than .62 for direct vented. List manufacturer & model # _____
F14	(1) Water heater located within 20 pipe feet of dishwasher and clothes washer
F15	(1) All other fixtures within 20 pipe feet of water heater or provide heat trap
F16	(2) Insulate all hot water lines to min R-4
F17	(1) Insulate hot and cold water pipes 3 feet from the hot water heater
F18	(1) Passive or loop hot water delivery system installed at farthest location from water heater
F19	(2) On-demand (tankless) hot water delivery system List manufacturer _____
F20	(1) Water heater heat pump List manufacturer _____
F21	(3) Drain water heat recovery unit installed
F22	(2) Combined high efficiency domestic hot water/ space heating system
F23	(2) Provide south roof area for future solar domestic hot water heating system (min 30 sq ft within 15° of south with a roof angle of 30°-50°) and plumbing rough-in for solar water heating system (separate cold water supply plumbed to roof and hot water return plumbed to water heater)
F24	(4) Active solar domestic hot water heating system installed (Min 50% of water heating load)
F25	(1) Water heater timer installed

**SECTION F Subtotal** \_\_\_\_\_

**SECTION G: WASTE REDUCTION, RECYCLING AND DISPOSAL**

G1	(1) Posted job site recycling plan
G2	(1) Recycle or reuse job site waste, <b>1 point for each material category</b> : glass, aluminum cans and plastic bottles and cardboard (no points), _____ asphalt roofing (75% landfill diversion), _____ wood scraps (75% landfill diversion), _____ pallets (75% landfill diversion), _____ metal (75% landfill diversion), _____ gypsum wall board (75% landfill diversion), _____ brick and block (75% landfill diversion), _____ other -list: _____
G3	(1) Salvage or reuse old building materials (on or off site), <b>1 point for each material category</b> : _____ appliances, _____ cabinets, millwork, or trim, _____ wood floors, _____ doors, _____ bathtubs or sinks, _____ other-list: _____
G4	(1) Obtain products from suppliers that use recyclable or reusable packaging or arrange to take back their packaging List supplier(s): _____
G5	(1) Reuse or recycle asphalt or concrete rubble
G6	(2) Require subcontractors (contract language) to participate in waste reduction and recycling efforts
G7	(1) Dispose of non-recyclable hazardous wastes at legally permitted facility List waste: _____
G8	(1) Install garage recycling center for homeowner use
G9	(1) Built-in kitchen recycling center to include two or more bins
G10	(1) Provide kitchen scrap compost bin
G11	(2) Track and prominently post waste reduction results on site
G12	(1) On site grinding of wood construction debris
G13	(1) Document substantial design strategies to reduce waste from construction/ demolition

<b>G14</b>	(2) Design for disassembly, reuse, and recyclability
<b>G15</b>	(1) Donate excess or salvaged materials to a non-profit organization or charity
<b>G16</b>	(5) Disassemble existing buildings and reuse or recycle the building materials (deconstruction) instead of demolishing (at least 75% landfill diversion)

**SECTION G Subtotal** \_\_\_\_\_

**SECTION H: EFFICIENT USE OF SPACE**

<b>H1</b>	(1) Above Grade finished and conditioned space 2000-1750 sqft
<b>H2</b>	(2) Above Grade finished and conditioned space 1749-1500 sqft
<b>H3</b>	(3) Above Grade finished and conditioned space 1499-1250 sqft
<b>H4</b>	(4) Above Grade finished and conditioned space 1249-1000 sqft
<b>H5</b>	(5) Above Grade finished and conditioned space <1000 sqft
<b>H6</b>	(1) Provide an accessory dwelling unit (garage apartment, granny flat, etc)
<b>H7</b>	(2) Home designed for flexibility to allow for changing uses in the future (rough-ins for future bathrooms, finish flooring runs under partitions, reconfigurable spaces, etc)
<b>H8</b>	(2) Home utilizes incremental design techniques with documented provisions to expand to meet future growing needs (roof trusses designed for additions, room layouts configured for additions, etc)
<b>H9</b>	(1) Living space provided in a finished basement
<b>H10</b>	(1) Living space provided in a finished attic
<b>H11</b>	(1) Bonus room provided over garage

**SECTION H Subtotal** \_\_\_\_\_

**Special thanks to Green Built Home and Robin Pharo of Madison Wisconsin for assistance in the development of this program. [www.greenbuilthome.org](http://www.greenbuilthome.org)**

**Section Totals-Record Section totals below**

SECTION A Total \_\_\_\_\_

SECTION B Total \_\_\_\_\_

SECTION C Total \_\_\_\_\_

SECTION D Total \_\_\_\_\_

SECTION E Total \_\_\_\_\_

SECTION F Total \_\_\_\_\_

SECTION G Total \_\_\_\_\_

SECTION H Total \_\_\_\_\_

TOTAL Sections A-H \_\_\_\_\_

**SECTION I: REMODELER OPERATIONS**

Green Certified Professional (GCP) designation held by remodeling company member staff.

Add 10% of section A-H total points below.

(show GCP stamp in the space below)

\_\_\_\_\_

Name of Certified Individual

\_\_\_\_\_

Certification #

SECTION I Total \_\_\_\_\_ (10% of sections A-H if GCP applicable)

**GRAND TOTAL ALL SECTIONS A-I \_\_\_\_\_**

**I certify that the preceding information is complete and accurate and that all requirements for NARI Green Project Recognition have been met or exceeded.**

X  
\_\_\_\_\_  
Remodeler's Signature

\_\_\_\_\_  
Date

**2012  
NARI Green Project Recognition  
Homeowner Affidavit**

**NARI Member Name**

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**Owner's Name (We never share this info)**

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**Project Address (We never share this info)**

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Property owner attests that he/she has reviewed the accompanying checklists for the NARI Green Project Recognition - Residential Additions/Entire House - and verifies that the aforementioned NARI member contractor has completed remodeling services, provided products, and has managed the project at the above address as indicated by the criteria selected.

\_\_\_\_\_  
**Owner's Signature**

\_\_\_\_\_  
Date

\_\_\_\_\_  
**Contractor's Signature**

\_\_\_\_\_  
Date

Before me appeared the contractor named above, and they being duly sworn, state that the above information is true and correct, and they have signed this instrument as their free act and deed. (If Notary requires additional disclosures or information per state requirements, that information may be added in this space provided or may be added as a supplement to this document.)

\_\_\_\_\_  
**Notary Public**

\_\_\_\_\_  
Commission Expiration

**Promotional Agreement**

I agree that if this project meets the criteria for NARI Green Project Recognition, all promotion, advertising, business stationery and/or marketing literature used by me or my organization, or my assigns wherein the recognition is mentioned, will clearly state the recognition section Residential Additions/Entire House. I also agree that promotion of this recognition will only be used with CotY Awards promotion if a CotY award has been awarded in conjunction with the NARI Green Project Recognition. I understand that NARI assumes no responsibility for loss or damage of any materials submitted.

I hereby affirm that all facts and materials set forth herein are true to the best of my knowledge and belief, and that all required work relevant to this application and the materials furnished thereto were performed and furnished by the undersigned, except where otherwise specifically set forth. I understand that NARI reserves the right to review the project criteria, and I will provide additional information upon request. I also affirm that I have read and agree to all the rules and guidelines of the NARI Green Project Recognition program. I understand that entry fees, once received by NARI National, are not refundable, transferable, and cannot be carried over to other NARI programs, awards or otherwise.

\_\_\_\_\_  
**Contractor's Signature**

\_\_\_\_\_  
Date