



## **CGBG's Colorado Green Home Tour 2018 – Application Form (submission)**

### **Submission Deadline: June 29, 2018**

Submit your completed application and photos to: [tour@coloradogreenbuildingguild.org](mailto:tour@coloradogreenbuildingguild.org)

Submit your completed application as a word document, add photos and email to: [tour@coloradogreenbuildingguild.org](mailto:tour@coloradogreenbuildingguild.org)

For general questions regarding this application please contact: Juana Gomez 303-499-9505, [juana@lawrenceandgomez.com](mailto:juana@lawrenceandgomez.com)

Applicants will be notified of selections on July 1<sup>st</sup>, 2018

Name of applicant:

Contact email, phone:

Address of house:

Parking instructions:

Official Name of Project (to be published):

Year house/remodel was completed:

Design Concept for the project (up to 25 words, see Sample Doc):

Cost of project (optional):

Size of house in finished sf, unfinished sf, conditioned sf, and unconditioned sf:

### **Project Description:**

Please provide a project description. Include the type of project, such as New Construction, Remodel, Infill, Historic, Passive House, Multi-Family, etc. Let us know what makes this a sustainable building. You can include descriptions of the occupants, the site, the design process, the challenges of construction, etc. Your description may be of any length, but we will edit it to a maximum of 150 words for publication in our brochure:

### **Home Photos!**

- Include 4 images (at least one front exterior)
- Photos will be printed in black and white but may be submitted in BW or CMYK color
- JPG format high resolution at min 300 dpi (example: a 7" square photo needs to be at least 2100 pixels wide); under 20 MB

*I am authorized to act on behalf of the Host Team (owners, designers, and/or builders). I have read the Terms and Conditions of the Tour and agree to all.*

(signature)

(printed name and date)



**GREEN HOME FEATURES:** Please fill in all that applies with descriptions, specifications, ratings.

**General Stats**

Certifications (LEED, Passive House, Net Zero, Living Building Challenge):

ERI / HERS rating: \_\_\_\_\_ Final / Or improvement: \_\_\_\_\_

Energy Star version:

Other (for example innovative technologies or other rating systems) :

Historic restoration:

**Renewable Energy**

Solar Photovoltaics (system size):

Solar hot water:

Geo-thermal:

In-ground heat pump:

Other:

**Passive Climate Controls**

Orientation and shading:

Window manufacturer and performance ratings:

**Insulation R-values for Building Components**

Roof: \_\_\_\_\_ Walls: \_\_\_\_\_ Floor: \_\_\_\_\_ Rims: \_\_\_\_\_ Other: \_\_\_\_\_

Infiltration rate (blower door test):

Passive cooling and ventilation:

Daylighting:

Thermal mass:

Other:



**Active Climate Controls**

Mechanical system (make, model, capacity, efficiency):

Water heating (efficiency):

Cooling (make, model, capacity, efficiency):

HRV / ERV:

Smart Home:

**Plumbing, Lighting, Appliances**

Efficient plumbing fixtures (makes, models, gpm/gpf):

Energy Star appliances (types, makes, models):

Efficient lighting (LEDs), controls, smart home:

**Materials: List certifications for any materials used:**

Paint:                      Wood:                      Flooring:                      Carpet:                      Cabinets:                      Concrete:                      Framing:

List all locally sourced materials:

**Site, Waste Management and Landscaping**

Reuse of previously developed site, infill site, etc.:

Reuse of substantial portion of original building:

Preservation of mature landscaping, wetlands:

Xeriscape, high efficiency irrigation, edible plants:

**Community and Occupant Health**

Walkable neighborhood (walkability rating or other description):

Site accessible to transportation and bike routes:

Cohousing, communal living cooperative housing:

Dedicated car charging:

Designed for aging in place (specify):



## GREEN PROJECT TEAM:

**Please list all that apply including contact person, firm name, contact information, website.**

Homeowner:

Architect: *List info and provide a 25-word max bio*

Contact for the day of the event: *Name, Email and Cell#*

**Contractors: Please select 3 or more that you enjoyed working with and provide information (including contact person, firm name, email and phone).**

***Note: They will be listed in the book on your project. BGHT will also follow up with them for BGHT sponsorship.***

Developer:

General contractor:

Energy rater:

Certified green energy consultant:

Structural engineer:

Geotechnical engineer:

Landscape architect:

Interior designer:

Mechanical contractor:

Solar PV/Thermal contractor:

Plumbing contractor:

Electrical contractor:



**Subcontractors – Please select 2 or more that you enjoyed working with and provide information (including contact person, firm name, email and phone). Note: They will be listed in the book on your project. BGHT will also follow up with-with them for BGHT sponsorship.**

Window supplier:

Insulator:

Appliances:

Plumbing fixtures:

Lighting:

Cabinets:

Interior finishes floors/walls etc.:

Paint:

Reclaimed materials:

Ground source heat:

Landscape contractor:

Window treatments:

Metal fabricator:

Shading devices:



## Photo Release Form

Permission to Use Photograph Subject:

Colorado Green Home Tour Event

I grant to The Colorado Green Home Tour and its representatives the right to take photographs of our team and the property connected with the above-identified subject. I authorize The Colorado Green Home Tour its assignees and transferees to copyright, use and publish the same in print and/or electronically. I agree that The Colorado Green Home Tour may use such photographs of me with or without my name and for any lawful purpose, including for example such purposes as publicity, illustration, advertising, and Web content.

I have read and understand the above:

Signature: \_\_\_\_\_

Printed name: \_\_\_\_\_

Address: \_\_\_\_\_

Date: \_\_\_\_\_

### Jocelyn Parlapiano

Colorado/Boulder Green Home Tour, *Committee Chair*

Email: [tour@coloradogreenbuildingguild.org](mailto:tour@coloradogreenbuildingguild.org)

Cell: 720-425-9871



## **CGBG's Boulder Green Home Tour 2018 – Selection Criteria**

**Submission Deadline: June 29th, 2018**

Submit your completed application and photos to [tour@coloradogreenbuildingguild.org](mailto:tour@coloradogreenbuildingguild.org)

Applicants will be notified of selections on July 1st, 2018.

The selection criteria will recognize dynamic entries based on creativity and leadership. Owners and design team members of planet friendly buildings are encouraged to apply. Homes with cutting edge building techniques, new systems, or something unique will be considered. Please comply with these guidelines:

### Logistics

- Must have been built/remodeled within the last ten years. Prior BGHT homes are not eligible.
- Areas that relate to sustainability must be available the entire time of the tour.
- Owners must allow photos, information, and address of home to be published in tour brochure and on our web site.
- Parking for at least six guest cars must be available.
- We will welcome submissions from Boulder, Louisville and Lafayette.
- Host must provide detailed signage describing sustainability aspects.
- Preference given to those most accessible by bike and easiest to find.
- Enthusiastic owners!
- Have a design/building/engineering team that is willing to provide on-site information to visitors throughout the tour.
- Selected homes will be required to pay \$350 participation fee (divided among project team members as they choose)
- Selected homes will be required to supply two project knowledgeable docents at the house during all hours of the tour.

### Design and Engineering

- Seeking interesting, dynamic entries that demonstrate creativity, leadership or proficiency in green design.
- Looking for a wide range of sizes, budgets, and styles, single- or multi-family. Green remodels of small ranches, compatible upgrades of historic buildings, use of single technology, and large new houses are all encouraged.
- Preference will be given to those that provide 3rd party verification (research, HERS, LEED, Energy Star, etc.)
- Preference will be given to complete projects, though buildings in progress will be considered.
- Preference will be given to projects accessible by multi-modal transportation.



## **CGBG's Boulder Green Home Tour 2018 – Terms and Conditions**

### **Submission Deadline: June 29, 2018**

Submit your completed application and photos to [tour@coloradogreenbuildingguild.org](mailto:tour@coloradogreenbuildingguild.org)

Applicants will be notified of selections on July 1st, 2018.

Thank you for letting us consider your project for the Boulder Green Home Tour 2018. Homeowners, builders, and design teams must be in agreement with the Terms and Conditions outlined below.

- Areas of the building and of the grounds that relate to sustainability must be available the entire time of the tour on Saturday, September 30th from 9am-4pm.
- Owners shall allow photos, information, and address of the house to be published in the tour brochure, on our web site.
- Photography, video recording, or audio recording during the tour shall not be allowed.
- Parking for at least six guest cars must be available.
- Host Team (homeowners, builder, and/or design team) shall pay \$350 participation fee (divided among Team members as they choose)
- Host Team shall provide detailed signage describing sustainability aspects.
- Host Team shall provide two project knowledgeable docents at the house during all hours of the tour to provide information to visitors throughout the tour.
- Host Team may display at the project their promotional and marketing materials including yard signs, brochures, and business cards.
- Host Team shall not engage in sales or other active marketing during the tour. A Team member may choose to become a tour sponsor via the tour web site.
- Boulder Green Home Tour shall provide and train 1 volunteer on site who will admit visitors, answer general tour questions, aid in crowd logistics, and supervise the areas visible from their stations.
- The Owner agrees to indemnify, hold harmless and defend the tour organizers, the committee, and their agents for any damage or loss that may occur to the Owner's property during or as a result of the normal operation of the tour. The Owner accepts sole responsibility for any loss or damage that may occur to the property, unless the damage or loss was caused by the gross negligence of the tour, the committee or its agents.
- During the tour Host Team may contact Jocelyn Parlapiano. Cell: 720-425-9871 with general questions or concerns
- Sign Photo Release Form, BGHT team will send out.



# BGHT – SAMPLE

## Home 6- #3333

(3,333 ft<sup>2</sup>) 1715 Upland Avenue, Boulder

This warm, modern four bedroom, three and half bath home, built in 2016, has a passive solar design that allows it to take full advantage of views of the Flatirons to the south. The open floor plan and nine foot ceilings create a sunny, airy feel. A large west-facing covered porch protects the house from overheating in the late after- noon, and makes for easy indoor/ outdoor living. Whitewashed beetle-kill wood was used for the porch ceiling.

The gourmet kitchen and contemporary fireplace/ entertainment center make the great room/ kitchen/ dining area the perfect spot for entertaining. Carefully placed operable windows provide natural daylighting and ventilation throughout.

At the shared flex/ study space at the top of the central stairs, huge windows and doors infuse the core of the house with air and sunlight, and open to a commanding balcony and views. The house includes a painting studio with wonderful northern light. Inventive storage is tucked throughout the house. Low-maintenance, durable materials, including hardiboard cementitious siding, cultured stone, and cementitious stucco were used for the exterior.



## GREEN FEATURES INCLUDE:

### ENERGY

- HERS37
- Solar: 4.85kW flush-mount PVsystem, by Custom Solar
- Passive solar design

### MECHANICAL

- HVAC: Forced Air Furnace- 96%Efficient w/ MERV 6 Filter; SEER16 AC
- HRV- Broan HRV200H
- Windows: Sierra Pacific U- 0.30 & SHGC- 0.30, double-pane Low Eglass

### INSULATION

- Wall: 2x6 R-20 Open Cell spray foam w/ R-5 1" Rigid XPS
- Truss Roofs: R-50 Open Cell Spray foam
- Foundation: R-20 open cell spray foam on interior of wall + 2" (R-10) rigid XPS

## ENVIRONMENTALLY PREFERABLE & LOCAL MATERIALS

- 10%Fly-ash mixture in concrete
- Cultured Stone
- Beetle-Kill pine soffits
- Indoor air quality (IAQ):
- Benjamin Moore Ultra Spec 500 Zero VOC
- HRV system with supplemental bath fans
- Soy-based carpet pad

### RESOURCECONSERVATION

- Water: EPA WaterSense Low-flow plumbing fixturesthroughout
- PEX Tubing instead of copper piping
- Construction Waste recycling: 100% diversion of cardboard, clean wood, & metal
- 10%framing order waste factor
- Lighting: 85%LED lighting
- Appliances: 100%Energy Star

### SITE

- Low-water use grass& Xeric landscaping
- 75%efficient irrigation system
- Preservation of historic irrigation ditch & mature trees
- Built on pre-developed site

## Project Team

Rodwin Architecture  
Skycastle Construction  
George Scot t  
Inspections

## ArchitectsBio

Rodwin Architecture (Est.'d 1999) isa 12 person, full service, award-winningdesign/ build firm. They are known for friendly service, design excellence, high quality construction and a deep expertise in sustainable design