



WAC LIGHTING

Responsible Lighting

Case Study | Jericho Green Home

Project Receives Gold Star Rating from NAHB

WAC Energy Efficient Lighting Featured in Award Winning Jericho Green Home



Jericho Green Home, Jericho, New York



**WAC LIGHTING's "Responsible Lighting" Products
Featured In Jericho, NY Green Home Showcase**



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JERICHO GREEN HOME, JERICHO, NEW YORK – BJC Contracting Company is a certified green builder renowned for upscale North Shore renovations on Long Island in New York. The builder incorporates environmental considerations and resource efficiency into every step of the home building process to minimize the impact on the environment. Green homes provide buyers with lower energy costs and maintenance, as well as better indoor air quality and long-term value.

BJC Contracting recently achieved a Gold Star-rating (from the National Association of Home Builders) for its completion of a Green Home, located in Jericho on Long Island, New York. The home was rated the 2nd Most Energy Efficient Home in New York State by the NAHB. The project was designed by award winning Architect Scott Kahn of Oyster Bay Drafting. Interior design was provided by Melissa Fenigstein of New Age Interiors.

WAC Lighting's "Responsible Lighting" brand standard was showcased throughout the Green Home, with its energy efficient lighting fixtures. WAC Lighting, a leading manufacturer and designer of track, recessed, undercabinet, monorail and decorative lighting, develops nearly all of its Responsible products in its family owned, ISO 9001-certified manufacturing campus with in-house UL approved testing labs.

BJC Contracting Company Inc. used WAC's energy efficient lighting throughout the project. According to Matt Pantofel, President of BJC Contracting, "WAC Lighting

offers a complete line of energy efficient fixtures that fit perfectly into our Green Home building strategies. In addition, their products are stylish and very appealing to our customers."

Used for an upscale look in accent lighting, WAC Lighting's Award-winning INVISIBLE™ tape light system was installed in toe kick spaces, under counters and under and in-cabinets throughout the kitchen. The energy efficient LED tape delivers a crisp, quality light while using only 1.5 watts per-foot. Flexible and easy to install, INVISIBLE™ offers an extremely low profile and is virtually invisible with a 1/8th of an inch thickness and 7/16th of an inch width. Long life LEDs (light emitting diodes) perform up to 50,000 hours and are spaced evenly one-inch apart. Each self adhesive INVISIBLE™ strip is backed with a 3M adhesive or screw based mounting clips for easy installation and was customized to meet the exact specifications of the project. LED tape is available in one-foot and five-foot sections that were cut in the field at six inch intervals and cut to the correct length at the end of runs. INVISIBLE™ is crafted in a silicon casing for long-lasting durability but still flexible enough to negotiate curves effortlessly.



INVISIBLE™ PALETTE features color-changing capabilities with chips that have three individually colored diodes- Red, Green and Blue. The color changes were programmed in a constant, smooth transition with adjustable speed among the three colored diodes and can be stopped at any point for a custom color effect.



EMPRESS OPTICAL CRYSTAL BEAUTY SPOTS™ WITH CHROME CANOPIES



DARK BRONZE SOLORAIL™ WITH ROCKPORT COLLECTION PENDANTS



BRUSHED NICKEL FINISH MULTIPLE CANOPIES WITH REVEAL COLLECTION PENDANTS

The Energy Efficient “Felis” family of Compact Fluorescent Pendants were used to illuminate the kitchen island. These metal pendants feature a unique beehive design in Brushed Nickel and Copper and were surface mounted directly to the kitchen’s ceiling for a stunning look.



To create a dramatic effect in the living room, WAC Low Voltage Crystal Beauty Spots add sparkle and illumination to the area. The fixtures were easily mounted on its finished ceiling and created a custom lighting sculpture in a creative array. The Beauty Spots are hand cut and hand polished optical crystals.



In the foyer, WAC Lighting’s Rockport Collection of decorative pendants feature a beautiful, natural look of handsome, hand polished Granite shades crafted of natural stone. The pendants are suspended from the SOLORAIL™, WAC’s single circuit monorail system that offers the sleekest monorail design in the industry. It’s just ½ inches tall and 3/8 inches wide and was easily shaped into an appealing, round configuration over the stairway.



SOLORAIL™ TRACKS CHROME BRUSHED NICKEL DARK BRONZE



WAC’s energy efficient Recessed Compact Fluorescent Downlights were specified in the family room and bedrooms for robust, general lighting with a strong emphasis on energy savings.



WAC’s energy efficient lighting fixtures contribute to the Green Home’s overall low consumption, which is basically self-sufficient with power generated by solar panels.

The Green Home also includes many other energy efficient features: active and passive solar design; the latest insulation techniques; low water consumption features; Energy Star appliances; Geo-thermal heat; and recycled products.

About WAC Lighting

WAC Lighting has developed a stellar reputation for high quality decorative and task lighting lines backed by an extraordinary level of service, an unprecedented shipping record, and a Five Year Warranty.

To reflect the firm’s energy efficiency commitments, corporate social responsibility and community involvement, WAC Lighting has recently changed its brand standard to “Responsible Lighting.” Helping to lead the industry’s sustainability charge, the firm has contributed to social progress with responsible manufacturing practices and energy efficiency technology. The firm employs precision fabrication, stringent sourcing,



LOW VOLTAGE CLAMP MOUNT TELESCOPING NECK CLAMP MOUNT IN BLACK

Architecture Builder
Matt Pantofel of BJC Contracting

Architecture Design
Scott Kahn of Oyster Bay Drafting

Interior Design
Melissa Fenigstein of New Age Interiors

Lighting
WAC Lighting - Responsible Lighting

water recycling, lead-free and zero-landfill capabilities in its wholly owned, clean ISO 9001-certified manufacturing campus. New sustainable CFL and LED lighting products have been added to the extensive line with the most energy efficient technology available. As progress is measured in quality of life, WAC Lighting strives to advance employee empowerment, community involvement with major global and local foundations, and diversity in the workplace.

Innovative and integrated systems technologies are hallmarks of the WAC Lighting product line, which offers many recent introductions:

- * LEDme™ Track Luminaires, LEDme™ Light Bars, LEDme™ Button Lights and LEDme™ Showcase Lighting featuring the latest LED technology;
- * Energy efficient pendants integrating stunning art glass with energy efficient compact fluorescent technology;
- * New Bronze Track and Track Fixtures.
- * New Brushed Nickel Track and Track Fixtures.

Also available is a broad range of products: Track Systems; Recessed Downlights; Monorail Systems; Crystal Beauty Spots; Wall Sconces; SMART Transformers; and other specialty lighting products.

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