

Kenilworth Bungalow: Resources



Domain Architecture & Design

Kenilworth Bungalow
2584 Upton Ave S
Minneapolis, Minnesota

Domain Project Leader: Joseph Johnson, Assoc. AIA, joe@domainarch.com

Landscape Architect & Installation: Brubaker Landscape Designs

Contractor: Reuter Walton Construction

Structural Engineer: Joe Cain at Mattson MacDonald Young

LEED Provider / Rater: Patrick O'Malley at Building Knowledge Consulting

Mechanical / Electrical: Paul Stafford Electric, Heating & Cooling

Wood Flooring/Installation: Schaefer Hardwood Floors

Tile Installation: Nick Reuter at Reuter Quality Tile.

Windows: Marvin Windows & Doors

Painter: Scott Bodine at Bodine Painting

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ARCHITECTURE & DESIGN

2748 Hennepin Avenue South

Minneapolis, MN 55408

612.870.7507

www.domainarch.com

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The **Kenilworth Bungalow** is expected to achieve a Platinum rating under LEED for Homes, the highest rating and most stringent system today. LEED stands for Leadership in Energy and Environmental Design and is a system developed by the U.S. Green Building Council. The home will also be a certified Minnesota GreenStar home and an Energy Star Home.

Green features and highlights:

Fly Ash (recycled from coal power plants) is used to strengthen the foundation concrete.

SIPs (Structural Insulated Panels) are used for the exterior walls and roof.

Interior walls are constructed with finger jointed studs and floor trusses are open-web trusses.

Cabinetry & Moldings are constructed from **FSC** (Forest Stewardship Council) and urea-formaldehyde free wood products.

Construction waste diverted to be 67% recycled through Veit Waste Management.

Paint used exceeds Green Seal Standards, GS-11 (low in Volatile Organic Compounds).

Appliances, ceiling fans, and bathroom fans are Energy Star rated.

Lighting circuits are dimmable and 80% of the lamps are Energy Star CFL's.

The plumbing system is connected to a central manifold plumbing system to conserve water and to equalize pressure throughout the system.

Plumbing fixtures (lavatories, shower heads, and toilets) are all high efficiency fixtures.

A heat recovery system provides continuous ventilation of fresh exterior air into the home.

Forced air registers are individually pneumatically controlled from the furnace room to balance air flow throughout the home.

The fireplace is direct vented, the energy efficient furnace is direct vented, and the energy saver water heater is power vented.

Landscaping includes three rain gardens, drought resistant turf and plants.

The driveway's outer concrete bands slope inward, directing water to the permeable core with a crushed rock field below. It in turn spills out (underneath) into the lower rain garden.

The irrigation system includes a zone controller, drip irrigation, and a rain delay controller.

Exterior General Information

Roof Shingles: Barkwood by GAF-ELK

Front Door: TruStile

Front Door Hardware: Baldwin

Garage Doors: 9700 Series by Wayne Dalton

Exterior Material: James Hardie Lap Siding

Mechanical System: Paul Stafford Electric

Structural Insulated Panels (SIPs): Extreme Panel Technologies

Interior General Information

Floors: Hickory by Schaefer Hardwood Floors

Cabinets/Millwork: Timber Creek Cabinets

Paint Colors: BEN by Benjamin Moore

Fireplace: Sweet Dreams by Lopi

Fireplace Surround: Meredith Tile

Interior Door Hardware: Baldwin

Tile: Fireplace Surround and Kitchen Back-splash: Meredith Tile

Tile: Entry Hall, Mud Room, and Bathrooms:

Baoding Slate, Copper Rust slate, Jinshan Bone, Jinshan Caramel Baoding Crème Yuma, and Banning Listello by Tile Shop

Bathroom Fixtures: Kohler

Toilets: Karsten by Sterling

Kitchen

Range: Kenmore

Hood: Vent A Hood, Stainless Steel

Microwave: Kenmore

Dishwasher: Bosch Integra 500 series

Ref/Freezer: Kenmore

Kitchen Sink: Blancover Plus by Blanco

Countertops: Maple Butcherblock by John Boos

Laundry

Washer/Dryer: Epic by Maytag

Countertop and backsplash: LG, Confetti Quartz