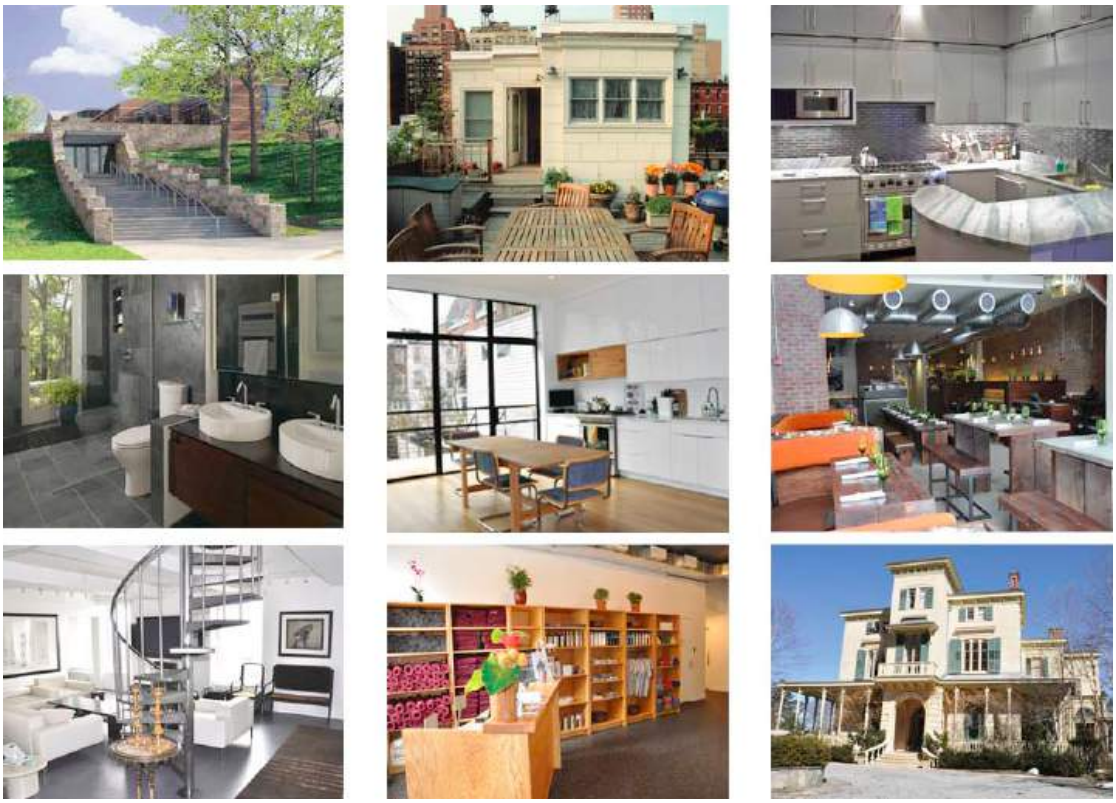
# GreenStreet Inc. High Performance Building



Greenstreet Inc. has been building green since 1998. We specialize in cost-effective strategies that ensure the health and well being of occupants while optimizing financial performance. GreenStreet Inc. exists to educate, advocate and achieve high performance impact as a leading builder and developer of responsible and sustainable construction projects in the NYC metro region. Our goal is to deliver a consistent quality and efficiency that maximizes health and comfort while minimizing impact on the environment in our local neighborhoods and around the world. We strive to be the leading builder and developer of high performance, sustainable development and redevelopment projects in the NYC metro region.

**Our Services:**

- High End Renovations
- Design/Build Services
- New Construction
- Construction Management
- Development Services
- Architectural Services
- Solar Design/Build
- Energy Audits
- Green and LEED Consulting
- Tax Abatement/Grant Assistance

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# Upper West Side – In Progress



137 W77th Street is a total gut renovation and new addition located on the West Side. The space is approximately 4,972 sq/ft. The finished home will consist of a new extension, 4 bedrooms, 7 full bathrooms and 3 powder rooms, totaling 5,394 sq/ft.

Renovation includes:

- Excavation to increase Cellar Ceiling Height
- Harvesting of Manhattan Schist for Landscaping
- Complete Demolition
- Rear Ground Up 3 Story Extension
- Radiant Floor Heating with Poured Concrete Floors
- Custom Millwork
- Low VOC materials
- High End Finishes
- Aggressive Time Schedule

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# VIRIDIAN FUTURE – In Progress



Bringing sustainable design and high-end comfort, Viridian Future will be striving for LEED Platinum Certification, Living Building Challenge Materials Petal Certification and implementation of Passive House Techniques. The finished brownstone will be 4,230 sq/ft consisting of 4.5 bathrooms and 3 bedrooms. In addition, 1,360 sq/ft will be used as commercial/office space with 1.5 bathrooms.

*Features*

Climate Control

- Tight envelope – Passive House Techniques
- SIPs panels
- Triple pane customized windows
- Heat exchanger
- Solar awnings
- Power Consumption and Generation
- Solar power
- PV and Thermal

Materials

- Goal of 95% waste diversion through recycling and donation
- Local sourcing of materials, when applicable
- Adherence to Living Building Challenge Red List

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# Dehaven Drive Yonkers, NY






Dehaven Drive was a gut renovation located in Westchester County, NY. The space was approximately 800 sq/ft with one bedroom and one bathroom and contains high-end fixtures and finishes.

Renovation included:

- Installation of bamboo flooring
- Tile in bathroom
- Walk in shower with comfort bench
- Custom kitchen and new GE appliances
- LED under cabinet lighting
- High-end fixtures and accessories
- Repainting of all walls, bed, bath, and living room with no or low-VOC paints

Green Features:

- LED lighting
- Low flush toilet
- Bamboo Flooring
- Use of low/no VOC products

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# 70 Grand Street SOHO, New York







70 Grand Street was a gut renovation of a loft style apartment located in SOHO. The space was approximately 3,000 sq/ft with two bedrooms and two bathrooms and contains high-end fixtures and finishes.

Sustainable Features:

- Insulated with cellulose
- Donation of all existing appliances to BIG for resale
- Incorporation of reclaimed lumber throughout the home
- Recycled all metal waste
- Custom Millwork

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# Green Canteen Restaurant 106 N. Street, Brooklyn, NY







This high-end green commercial renovation involved full gut and rebuild of an existing restaurant space.

Green Building Features:

- First LEED Silver Certified Restaurant in NY State
- Improved air quality with low and non-toxic VOC (volatile organic compounds), paints, adhesives and finishes
- Reuse of existing wood structure for tables and benches
- Low flow faucets, dual-flush toilets, and LED light fixtures
- Solar thermal hot water and backyard composting system
- High albedo concrete sidewalk to reflect solar hear gain and reduce urban heat island effect.

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# Fifth Avenue Penthouse 5th Ave, New York







This project was a complete eco-luxury renovation that involved combining the north and south penthouses of the building.

Green Building Features:

- Extensive deconstruction and reuse of radiators, appliances and cabinetry, doors and hardware, plumbing fixtures and appliances and bamboo flooring.
- Soy-based expanding foam insulation
- Radiant floor system for high efficiency heating and cooling
- Improved air quality with low and non-toxic VOC (volatile organic compounds), paints, adhesives and finishes
- Forest Stewardship Council (FSC) Certified wood products, energy star appliances, energy efficient lighting and installation of a new greenhouse
- High efficient water fixtures and flow restrictors to help control and conserve usage.

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# Mark Twain Museum Hartford, CT






Greenstreet's responsibilities on this project included green building and LEED consulting for the Education and Visitor's Center. This was the first LEED Certified Museum project in the USA and was recognize by the Connecticut Green Building Council with an Environmental Leadership Award.

Green Building Features:

- Integrated geothermal heating and cooling system
- An energy efficient HVAC that performs 30% greater than an average system
- Local materials sourced within a 500 mile radius, reducing embodied carbon footprint
- Over 25% of materials contained recycled content
- Enhanced indoor environmental quality through new air filtration requirements for the building systems
- Low and non-toxic VOC paints, finishes and adhesives
- Floor to ceiling energy star windows and FSC certified wood products throughout
- Fly Ash concrete used in structural components during construction
- Energy Efficient lighting fixtures at the exterior to eliminate off-site glare and night-sky impacts
- The underground portion of the building contributes to significant reductions in the heat gain and heat loss of the building thermal envelope
- Minimized parking to reduce storm water runoff and pollution impacts
- Native low maintenance vegetation implemented to eliminate the need for an irrigation system and to minimize water consumption.

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# Moksha Yoga Studio Sixth Avenue, New York







This project was a complete gut renovation of an existing office space in the West Village into a yoga studio.

Green Building Features:

- High performance denim and soy insulation
- All low VOC finishes
- FSC certified cabinetry and millwork
- Deconstruction and recycling of construction water
- Cork and recycled tire flooring
- High efficient water fixtures and flow restrictors to conserve water usage.

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# Harlem Townhouse W128th Street, New York, NY






This project involved the complete architectural design and construction of a townhouse in Harlem with numerous green building features. This project was shot by Dwell Magazine for their website as an exemplary of sustainable design.

Green Building Features:

- Radiant heat floor system for high efficiency heating and cooling
- Installation of a green roof to reduce energy costs by acting as insulation and controlling storm water discharge through absorption of water.
- Improved air quality with low and non-toxic VOC paints, adhesive and finishes
- Energy star appliances and energy efficient lighting
- Bamboo floors locally sourced
- High efficient water fixtures and flow restrictors to conserve water usage

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# Prince Street Loft — New York, NY






This project was a complete gut renovation of a loft space in SOHO. GreenStreet worked in collaboration with Bogdanow Partners Architects.

Green Building Features:

- Recycled construction waste sent to Green Demolitions
- Radiant heat floor system created high efficiency heating and cooling
- Green roof provided insulation and vegetation
- Improved air quality with low VOC and non-toxic paints, adhesives and finishes
- Installed energy star certified appliances and energy efficient lighting
- Refinished existing hardwood floors
- High Efficiency plumbing fixtures and flow restrictors to conserve water usage

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**Earthpledge Foundation** **New York, NY**



This project involved the construction of a green roof on the Earthpledge headquarters. GreenStreet also provided project management and consulting to solve water infiltration problems, as well as providing various carpentry, plastering and painting services.

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# 552 RIVERSIDE DRIVE New York, NY



This project involved the complete renovation and combination of two apartment units with a custom stairwell constructed to combine both units.

Green Building Features:

- deconstruction of existing plumbing and electrical fixtures and appliances;
- low VOC paints, polyurethanes, caulks and adhesives;
- FSC-Certified custom cabinetry;
- Icestone countertops.

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# E. 35TH STREET TOWNHOUSE New York, NY



This project involved the gut rebuild of a 5,000 sq. ft. townhouse on e. 35th Street in Manhattan. Existing floor joist and subflooring systems were completely replaced. All new plumbing, electrical and HVAC systems were installed. An advanced home theatre system was installed. Full interior build-out of bathrooms and two kitchens was conducted.

Green Building Features:

- High performance HVAC system & windows
- Low VOC finishes
- Recycled glass tile
- Cork flooring

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**718 BROADWAY LOFT** **New York, NY**



This green interior project was featured in the Open House NY program in 2006.

Green building features:

- Non-PVC solar shades;
- Sustainably harvested maple veneers;
- Recycled content resins;
- Bamboo flooring;
- Icestone countertops;
- Energy efficient LED lighting;
- Fabric ductwork; and formaldehyde-free plywood.

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# 453 PACIFIC STREET TOWNHOUSES Brooklyn, NY



This project currently under construction will be the first Health House Certified project in NYC and was featured in the 2006 Open House NY program. The project is also being featured in Natural Home Magazine as a Show Home. The project is a spec development of two townhouses in Boerum Hill, Brooklyn.

Green Building Features:

- fly ash blended cement;
- radiant floors;
- solar hot water and solar electric systems;
- tight building construction methods;
- sustainably harvested hardwoods;
- all low VOC finishes;
- plug-in hybrid vehicle wiring in both garage spaces.

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