



USING YOUR WALL AS NATURE'S CANVAS

ECO
WALLS®







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USING YOUR WALL AS NATURE'S CANVAS

EcoWalls® is replacing the green footprint in urban environments. We offer our clients a unique opportunity to connect with nature in unexpected spaces by creating lush gardens on building facades, free standing structures, and other impervious vertical surfaces. Our vertical gardens provide clients with the holistic benefits of living plants; improving the aesthetic and overall biologic nature of the build environment.

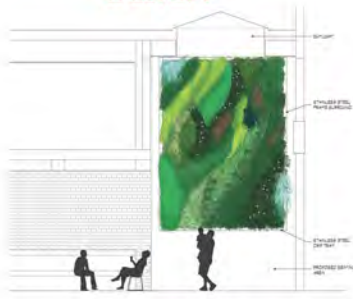
We are architects of vertical landscapes, using nature as our inspiration. Our design philosophy draws from the growing fields of biophilia and biomimicry, allowing nature to teach us valuable lessons about plant adaptations, ecology and sustainability.



MELDING DESIGN AND SCIENCE TO CREATE UNIQUE LIVING ARCHITECTURE.

EcoWalls® is a full service firm specializing in manufacturing, designing, installing, and maintaining living walls. We offer the highest quality products and services in the industry. With years of research behind our product, our materials, methodology, and focus are to provide our clients with a sustainable approach to creating living architecture so that they can enjoy the aesthetic and environmental benefits of their living wall for years to come.

DESIGN



CONSTRUCTION



MAINTENANCE



Living walls are highly specialized, requiring a level of understanding, care, and experience with vertical landscapes. EcoWalls® understands that a successful vertical garden starts with knowledge of the site and selecting the appropriate plant material for the location. Our goal is to provide clients with vibrant and stunning living walls; ultimately, ensuring their long term viability through cultivating a successful maintenance strategy. We guide our clients through all facets of their project by offering in-depth site inventory and analysis, design and construction services, project maintenance, and additional training. EcoWalls® focuses on designing vertical landscapes that

are inspired by sustainability and that exceed our clients' needs and expectations.

EcoWalls® works directly with leaders in the industry and collaborates on projects of all types and sizes. Our in-house staff includes expert horticulturalists, ecologists, industrial designers, landscape designers, and operations management. Our diverse professional experience allows us to take a multifaceted approach to both the design process and research protocols; helping to bridge the gap between academics and industry and become leaders in the field of living architecture.

MANUFACTURING



PRODUCTION



RESEARCH





INTERACT...ENGAGE...

Not all products and services are created equal. When selecting a green wall product, it is important to understand the strengths and weaknesses of each system and make an educated decision on the ideal product for your application. When you purchase an EcoWall® you're receiving more than a product, you are also provided with design services, research, and continued guidance and maintenance from a network of our qualified staff, scientists, and design professionals. Key features of the EcoWall® Living Wall System include:

SUSTAINABLE DESIGN: Our approach to sustainability focuses on incorporating post-consumer recycled materials into a product designed for long term viability. The EcoWall® system utilizes our own proprietary blend of inorganic, soilless media that is both light weight and long lived. Unlike soil-based living wall products, our media will not degrade or break down, ultimately creating an ideal environment to sustain lush and healthy plant growth.

RESOURCE CONSERVATION: The EcoWall® Living Wall System's inorganic growth medium maintains the optimum balance of water to oxygen. When compared with other products, the EcoWall® Living Wall System locks in more moisture and nutrients and drastically reduces the amount of resources required to promote plant growth.

MODULAR: The EcoWall® Living Wall System is designed for easy installation. Our EcoWall® panels quickly connect together to create a uniform, vertical garden tapestry; eliminating the inconvenience and cost associated with extensive construction procedures of some other systems.

INCREASED DESIGN FLEXIBILITY: Our product design allows for maximized flexibility in plant placement and provides ample space for plant root migration without the restriction of plant cubicles or pockets. The system is also suitable for a diverse array of plant material and pot sizes. Additionally, plants are easily replaced to change design elements to fit your space.

PLANTED ON OR OFF-SITE: Most products require a 8-12 weeks grow out time prior to installation in order for plants to root into their growing media. Our product can be pre-grown in our greenhouses previous to the installation or can be planted on-site. This flexibility allows us to cater to the client's schedule and provide instant relief with a lush living wall.

REDUCED MAINTENANCE: Unlike some living wall systems which require hefty maintenance plans and numerous monthly site visits, our system was designed with sustainability in mind. We make fewer site visits post-installation, compared to our competitors, lowering your over-all costs. We work with our clients to develop a maintenance plan that makes sense, ensuring that your living wall will look healthy and vibrant for many years.

SYSTEM INTEGRATION ABILITY: The EcoWalls® inert, soilless design extends our product's functionality into applications including aquaponics, water purification, water reuse systems, biodiversity gardens, and urban farming.

...INNOVATE...EDUCATE



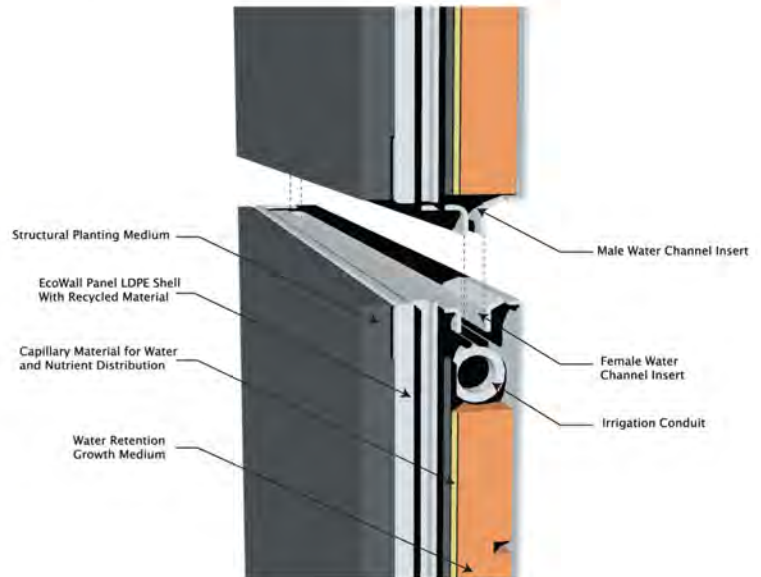
SUSTAINABLE...INNOVATIVE...ARTISTIC

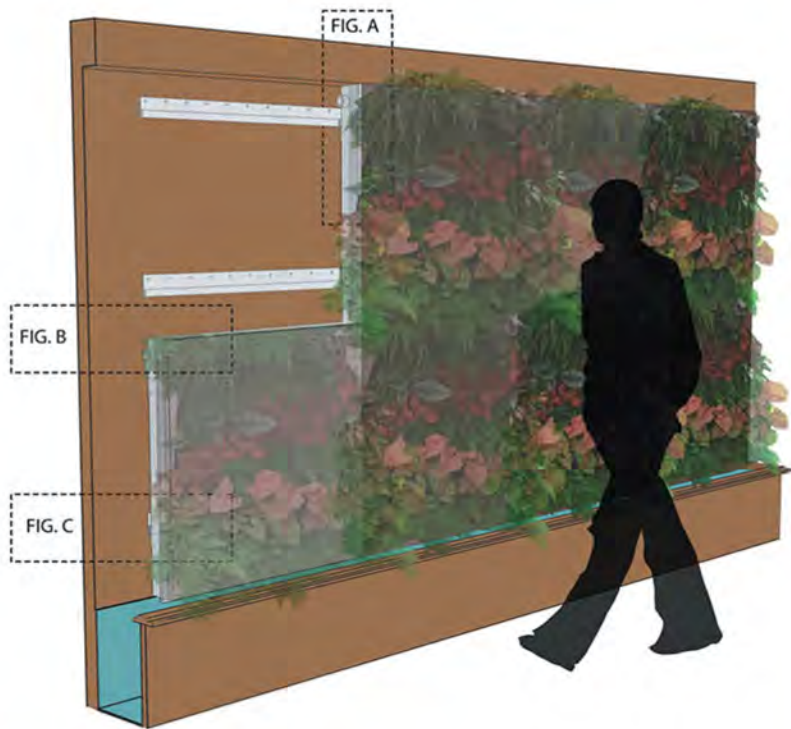
In response to the need for an environmentally sensitive and sustainable approach to vertical gardening, EcoWalls™ has developed a modular and hydroponic vertical planting panel, aptly named the EcoWall®. Our product incorporates a proprietary blend of inorganic and lightweight materials that will not decay or breakdown over time. The growing media also maintains optimum levels of oxygen and nutrient solution; ultimately allowing us to create verdant and timeless vertical landscapes that minimize the resources required to sustain living plant material. Our sustainable approach is an essential part of our product line as we integrate post-consumer recycled materials into our products and create a modular living wall panel that is 100% recyclable.

Specifications: The EcoWall® panels measure 36" (l) x 5.25" (w) x 36" (h) and provides a total of 9 square feet of flexible planting space.

The EcoWall® panel includes:

- Recyclable Polyethylene Shell
- Inorganic Planting Media
- Internal Irrigation
- Mounting System for EcoWall panels: J-channel system





The EcoWall® planting panel is the building block of our living wall system. The product's modular nature allows panels to fasten together to create a seamless tapestry of plant materials. Our state-of-the-art design includes a self-automated irrigation system with internal drip irrigation to insure adequate water and low plant maintenance. The EcoWall® design allows for free water transfer between panels and prevents water damage to a building's facade. Our living walls allow for the option of open loop (non-recirculating) and closed loop (recirculating) irrigation applications and our design professionals will work with you to create a custom system that suits your needs and objectives.

An EcoWall® installation is meant to be personalized. We will walk you through every step of the design process and select the perfect plant pallet, site fabrications, framing surround finishes, and lighting options. Whether your interest is in a small or large, interior or exterior installation, the addition of an EcoWall® will enhance your space both aesthetically and functionally.



REINVENT FARM TO FORK FRESHNESS.

By infusing technology with architectural design, the Chef's EcoWall Garden™ artfully brings home and professional chefs year-round access to herbs and fresh greens right from their kitchen walls.

The Chef's EcoWall Garden's™ sophisticated design successfully blends form with function by addressing all the requirements for growing healthy produce into a compact hydroponic system with custom design features.





A specifically designed system controls the water, nutrients, and lighting creating a sustainable growing environment for a wide variety of fragrant herbs, leafy greens, and other edible plants year-round. The benefits of the design compared to other wall gardens are many but chefs agree that the all-inclusive nature of the system makes the possibilities for growing fresh produce effortless.

With numerous options of colors and architectural finishes, the Chef's EcoWall Garden™ can be customized to meet your taste and match kitchen décor. The interchangeable façade and background make color and material combinations endless. So when your taste changes so can the look of your wall garden with a few simple steps.

The Chef's EcoWall Garden's™ revolutionizes kitchen design by promoting healthy cooking through nature inspired ambiance and access to fresh produce in an interactive and sustainable manner for homes, restaurants, schools, and businesses worldwide.

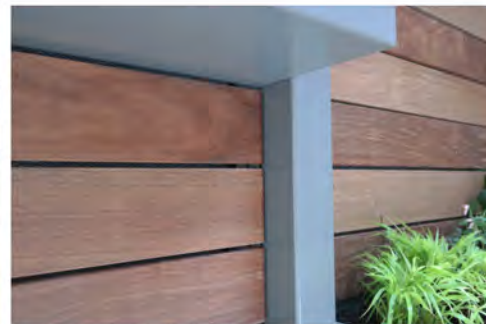
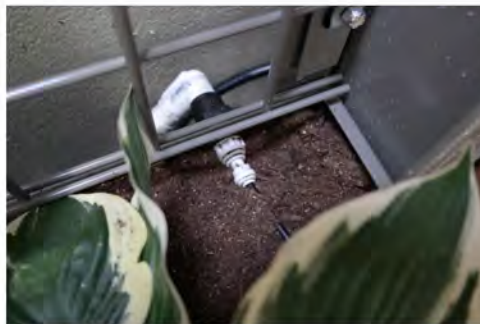
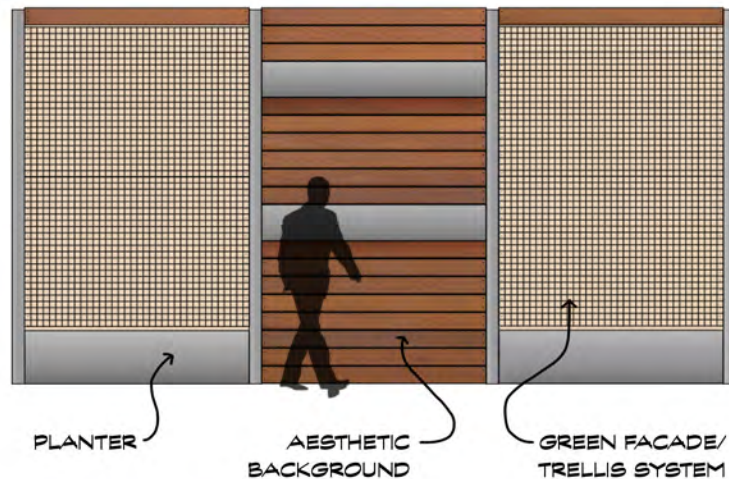
Select
- your -
Layout

Select
- your -
Facade

Select
- your -
Background



- Plant screening / decorative feature walls
- Ability to plant in unconventional spaces where living walls can't be used.
- Can accommodate different plant material
- Flexible/module design.
- Layouts and combinations are limitless.
- Internal irrigation system.
- Customization in metal color, background material, screening, plant material





- Unique opportunity to incorporate brand/logo, LCD screens, artwork into living wall system
- Living advertisement for your company/business
- Focal point to invite guests into space (feeling of peace and serenity?)
- Add greenery into a environment/space you would not expect it.
- Allows you to differ yourself from other companies
- Piece of artwork for your interior space.







The EcoWall® Living Wall System transforms resorts and spas by offering guests the opportunity to connect with nature while creating a relaxing environment that helps alleviate stress through the soothing sound of running water, accompanied by the holistic benefits of plants. Whether you are looking for a permanent and breathtaking design solution for your resort or spa or an elegant backdrop for an evening event, our living architectural pieces will embody a space that is calming, reflective, visually stunning, and a memorable experience for your guests.

IMAGINE A SPACE WHERE YOU COULD SIMPLY TURN THE CORNER FROM THE MUNDANE, BUILT ENVIRONMENT AND EXPERIENCE NATURE IN A WAY THAT WAS COMPLETELY UNEXPECTED; BREATHTAKINGLY BEAUTIFUL AND FULLY UNIQUE.



A FARM TO TABLE CONCEPT DOESN'T HAVE TO COME FROM THE COUNTRY GARDEN.

The EcoWall® Living Wall System transports your guests directly to the garden where they can take in aromatic smells from fresh herbs, striking colors from verdant plant material, and experience the natural benefits of plants; right from your restaurant wall. Our designers will work with you to create an interactive vertical garden that is sure to appeal to all senses and enhance the dining experience.





NATURE SERVES AS A
MODEL FOR SUSTAINABILITY,
WOVEN INTO THE FRAME-
WORK OF GREENBUILDING
INFRASTRUCTURE.

As members of the U.S. Green Building Council, EcoWalls® promotes a sustainable approach to green building applications by offering environmentally sensitive products and services which employ nature's methods to improve the indoor and outdoor environment. The EcoWall® Living Wall System brings nature into the built environment offering social, economic, and environmental benefits to those that interact with our living walls. Furthermore, the EcoWall® may be integrated into green technologies to help achieve LEED® credits through innovation in design, water reuse, air purification, and energy and resource conservation. Whether your ultimate goal is LEED® credits, tax incentives/abatements, or achieving the CASCADIA Living Building Challenge, EcoWalls® works with industry leaders in green infrastructure to help you achieve your objectives.

Many homeowners in urban environments do not have the opportunity to enjoy the benefits of a garden. Our living walls are the perfect solution, creating breathtaking natural landscapes while occupying minimal floor space. The EcoWall® Living Wall System is a living, changing piece of artwork that is fully unique and functions to promote a healthier environment right in your home.

STAND OUT FROM
THE CROWD BY
INTEGRATING LIVING
ARCHITECTURE INTO
THE DESIGN CONCEPT
OF YOUR HOME







THINK OUTSIDE THE BOX AND
ADD A LEVEL OF SOPHISTICATION,
AMBIANCE, AND NATURAL BEAUTY TO
YOUR NEXT EVENT WITH ECOWALLS
LIVING ARCHITECTURE.

Not all public art needs to be inert paintings, sculptures, or water features. Why not incorporate a living plant pallet on a vertical plane that will entice the audience to analyze the entire space? The most successful public art projects are those that make people question and converse, stimulating the mind and senses. In terms of design, the sky is the limit and EcoWalls® can work with you to create a one of a kind art installation.

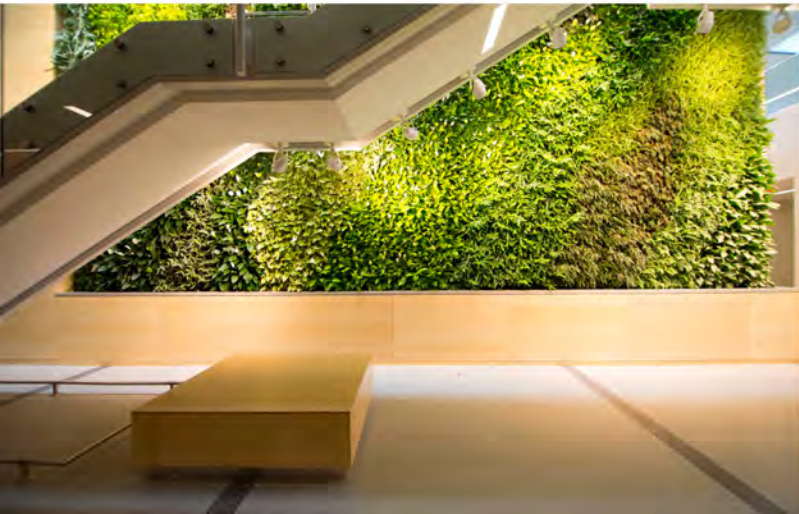






LIVING WALLS ARE CONTINUALLY EVOLVING.

The benefits are not just aesthetic; they can now be used as tools and educational pieces to engage people of all ages. Living walls provide an exceptional means of not only educating about the natural world but also raising awareness on how we can help protect it. The EcoWall® Living Wall System offers the innate ability to transport guests to another time and place and this total landscape immersion aids in elevating the educational experience. Whether installed as a biodiversity garden, botanical display, or an aquaponics feature, the EcoWall® is sure to entice students and guests alike, while providing a natural and beautiful setting.





EcoWalls® advances the healthcare industry, by creating an environment where people can interact with nature, promoting physical growth, emotional strength, and confidence. The EcoWall® Living Wall System is an excellent therapy garden, offering diverse options which will appeal to the senses by incorporating colors, textures, fragrances, and soothing sounds from water. Additionally, options for interior and exterior applications coupled with the holistic benefits of plants allow the EcoWall® to be a highly practical tool for guests and staff alike.

OUR LIVING WALLS
ENCOURAGE HEALING.



2023 INTERNATIONAL
FLOWER GARDEN
FESTIVAL
FRESH EPCOT

The benefits of plants go far beyond just aesthetics. The ability to use plants as tools to ameliorate the environment has been a concept employed for centuries. Here at EcoWalls® we don't just create living walls...we create living ecosystems. We emulate natural plant communities and processes, providing ecosystem services which are severely lacking in urban environments. With careful design and planning, we can create efficient and effective living architecture that offers both service and amenity.

ECOLOGICAL: Green walls are living, breathing systems, creating vertical habitat and corridor space for animals and micro-organisms. By integrating our living walls with aquatic wildlife, the EcoWall® becomes a self-sustained ecosystem and provides an excellent mechanism for implementing biodiversity gardens, attracting wildlife to the urban environment.

ENVIRONMENTAL: Plants have an innate ability to assimilate and remove pollutants from our environment that are harmful to our health. The concept of phytoremediation, the use of plants to treat environmental problems, can become a powerful tool to mitigate poor

indoor air quality and integrate into water reuse applications such as greywater treatment, stormwater management and rainwater harvesting. The EcoWall® acts as a compact filtration system that functions similar to artificial wetlands but requires a much smaller footprint to install.

ECONOMIC: Green walls enhance building performance by helping to reduce the urban heat island effect, providing thermal regulation and additional sound insulation. Implementing a green wall in your next project can help to combat various environmental issues, while at the same time potentially offering some economic incentives in the form of

reduced energy and resource consumption, LEED® credits, tax incentive and abatements.

SOCIAL: EcoWalls® promotes a biophilic philosophy, connecting humans directly with nature. Studies indicate that absenteeism costs companies over \$180 billion a year and natural spaces can offer a solution. Plant material, when incorporated into public and private spaces, can have a dramatic effect on the human condition creating a healthier environment which will increase productivity, moral, and decrease absenteeism. The addition of an EcoWall® to your space offers tangible social benefits to your employees, guests, and patrons.





At EcoWalls®, we understand the importance of building a relationship with our customers and partners in the industry - especially builders, engineers, architects, landscape architects, interior designers, and other leaders in the industry who help us to reach our goal of becoming a benchmark company in sustainable vertical gardening. The EcoWalls® Allied Professional program was developed to provide extensive training about the design, installation, and maintenance of our living wall system so that our Allied Professionals can offer a superior brand of sustainable products and services to their own clients. Our company offers three business relationships with design professionals:

ECOWALL® CERTIFIED INSTALLER: A licensed individual or company that performs construction services and oversees contractors for utility specifications. In addition, Certified Installers also have the option to participate in the design and maintenance of the projects.

ECOWALL® CERTIFIED MAINTENANCE PROFESSIONAL: From pruning to nutrient replacements, our Maintenance Professionals provide customized service plans to keep your EcoWall® looking fresh and verdant.

ECOWALL® SALES AGENT: An independent sales arm of the company that identifies potential clients and walks them through the initial phases of product education.

LET US BREATHE LIFE
INTO YOUR ARCHITECTURE



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