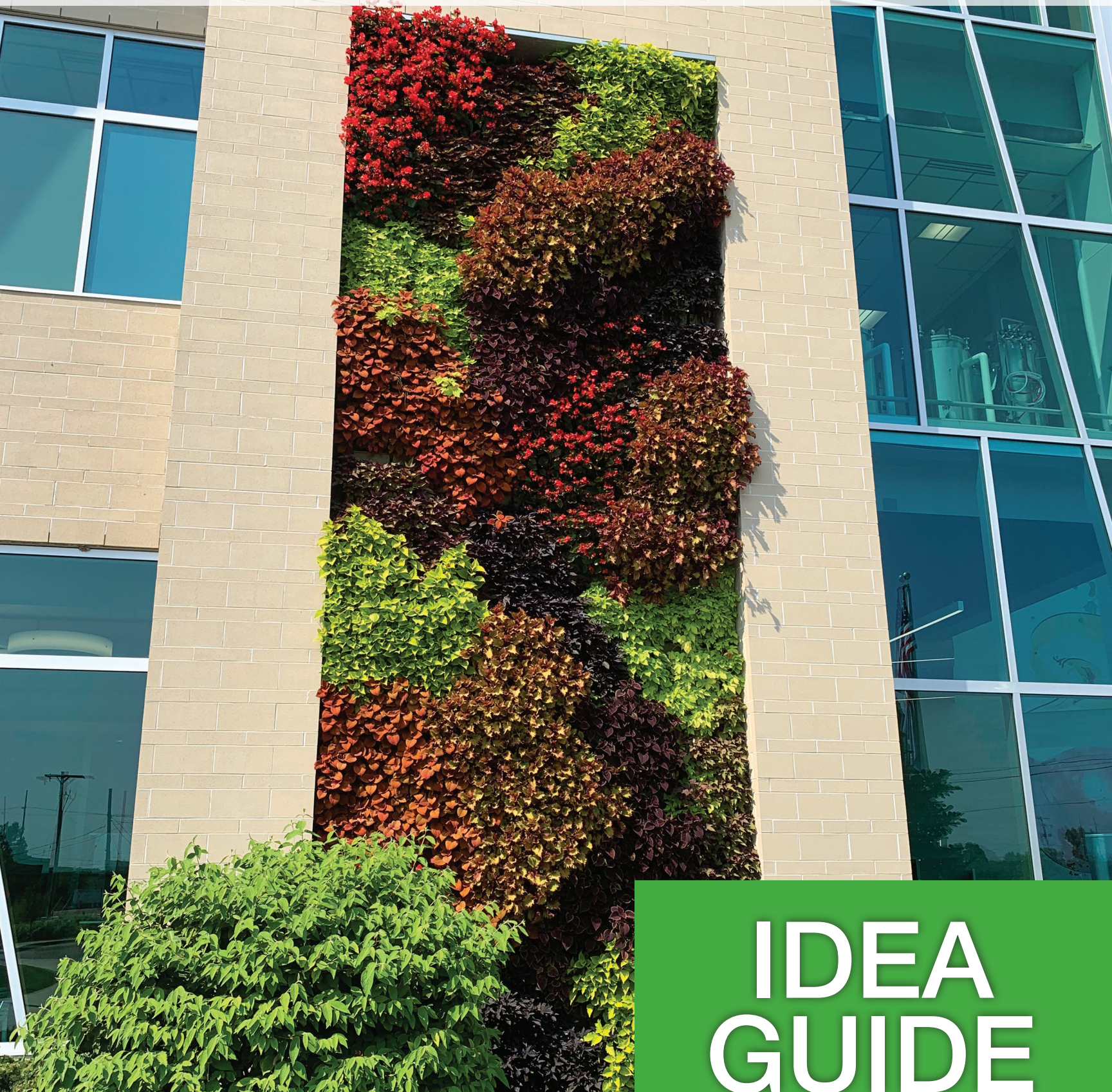


# LiveWall® BRAND

Dedicated to Your Success

Outdoor  
and Indoor



## IDEA GUIDE

*and Designer's Check List*

**1200+ Projects and Counting**

# Why Living Walls?

**Beautify:** With Color and Fragrance

**Enhance:** Clean Air, Peacefulness, Tranquility

**Inspire:** Creativity, Productivity, Energy

**Produce:** Vegetables, Herbs, Flowers

**Save Energy:** Reduce Heating and Cooling



# Why LiveWall® ?

We started LiveWall because we care about the earth and its plant, animal and human inhabitants. And, we feel compelled to do our part to help restore the health of the planet and its occupants. LiveWall is a way of infusing flowers and foliage, oxygen and fragrance, and the beauty and benefits of nature into our constructed environment.

If you share these same values, we hope that you will consider LiveWall. Our system is designed to make living walls easy, and we are confident that you will find it to be supported with Rapid Service and to yield the following benefits.

- **Best Value**
- **Most Versatile**
- **Easy to Manage**
- **Proven Performance**
- **Happy Owners**

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**LiveWall Design is Easy: *We do it for you.***

Call to discuss (877-554-4065) or send us your concept  
([sales@livewall.com](mailto:sales@livewall.com)).

# LiveWall® Components and Accessories

## WallTer® Wall Planters

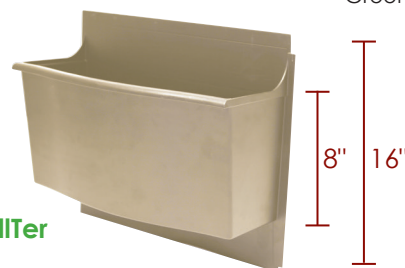
The WallTers® (wall planters) hold the inserts (which hold the soil and plants). They are decorative, molded of special automotive grade PC/ABS, and come in two sizes. And regardless of size, the WallTers make planting and replanting easy. They slide right in and can be secured with a limiting screw, making them resistant to theft and wind.

**Standard WallTer:** Recommended for plantings of succulents, annuals, vegetables and herbs, and perennials. Traditional look, comes in full length (16"). Available in seven color options.

**Large WallTer:** Recommended for robust perennials and tropical indoor plants. 16" long. With or without water collection spout. Available in five colors.



Standard Size WallTer 16" Length



Large Size WallTer 16" Length



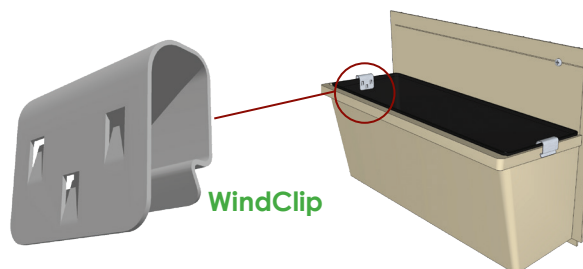
## WallTer Inserts

WallTer inserts are filled with soil and plants, and drop into the WallTer modules. WallTer inserts uniquely allow for off-site growing at a nursery, if desired.



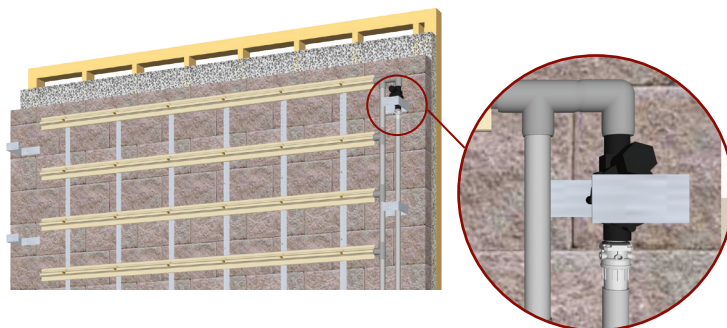
## WindClip™

Designed for installations of higher than two stories, WindClip is a security measure against uplift forces that can be created when wind hits the side of a building.



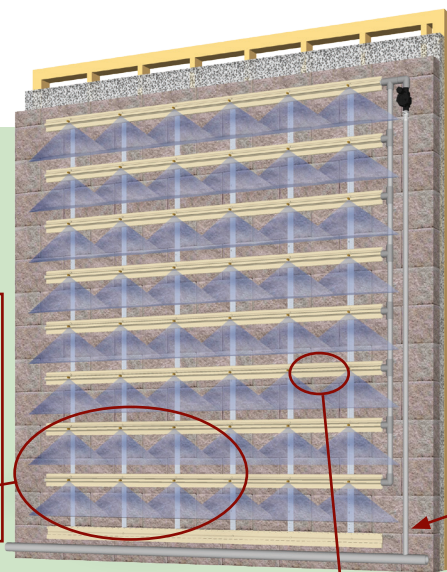
## HideAway™ Concealment Brackets

HideAway™ brackets are designed to allow the installer to conceal the irrigation chaise with a flashing or siding material that is complementary to the building's architecture.



## STEP 1 Install Infrastructure

Spray nozzles are recommended outdoors and drip emitters are used indoors.

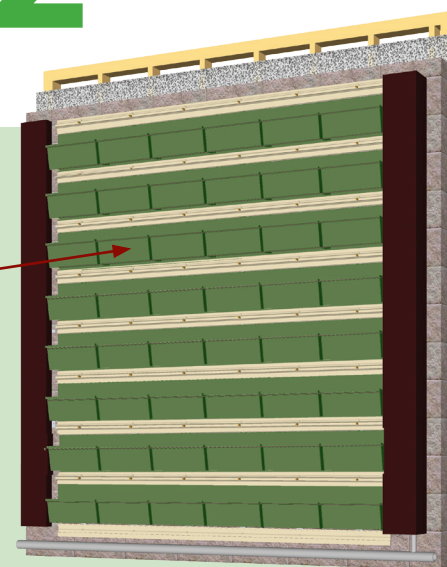


Water Feed Line

RainRails conduct water and hold the WallTer planters.

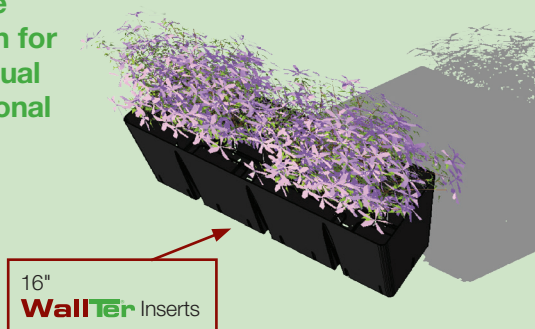
## STEP 2 Install WallTer Planters

WallTer Wall Planters



## STEP 3 Install Plants

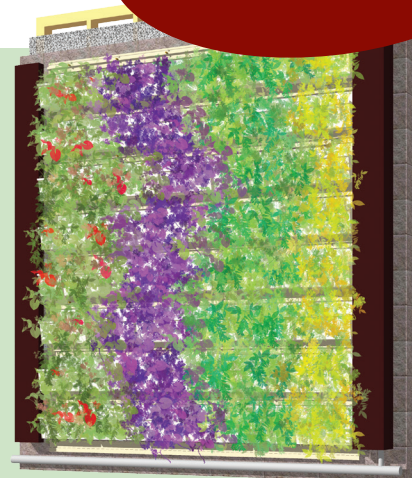
Planted WallTer inserts are dropped in for instant visual and functional benefits.



Requires only 1 to 2 minutes of irrigation per day.

Watered automatically!

In most outdoor applications, 1 or 2 minutes of automatic irrigation per day is plenty.








# Annuals in LiveWall

Annuals are the most colorful plants and while they need to be replanted each year, their low maintenance requirements make them quite affordable.





By using colorful rich-textured **Annual Plants** to enhance their beer garden, this restaurant is creating ambiance for its patrons, and a positive message in support of its brand.



Creating unique LiveWall designs is easy; simply choose from our menu of plants that are proven to perform and to pair well.



A photograph of a wooden live wall in an outdoor setting. The wall is constructed of horizontal wooden planks and is covered with a variety of plants, including large red flowers and green foliage. In the background, a church spire with a colorful patterned top is visible against a blue sky with white clouds. A white patio umbrella is partially visible on the left side of the frame.

Imagination is the only limitation to creating lovely LiveWall designs.

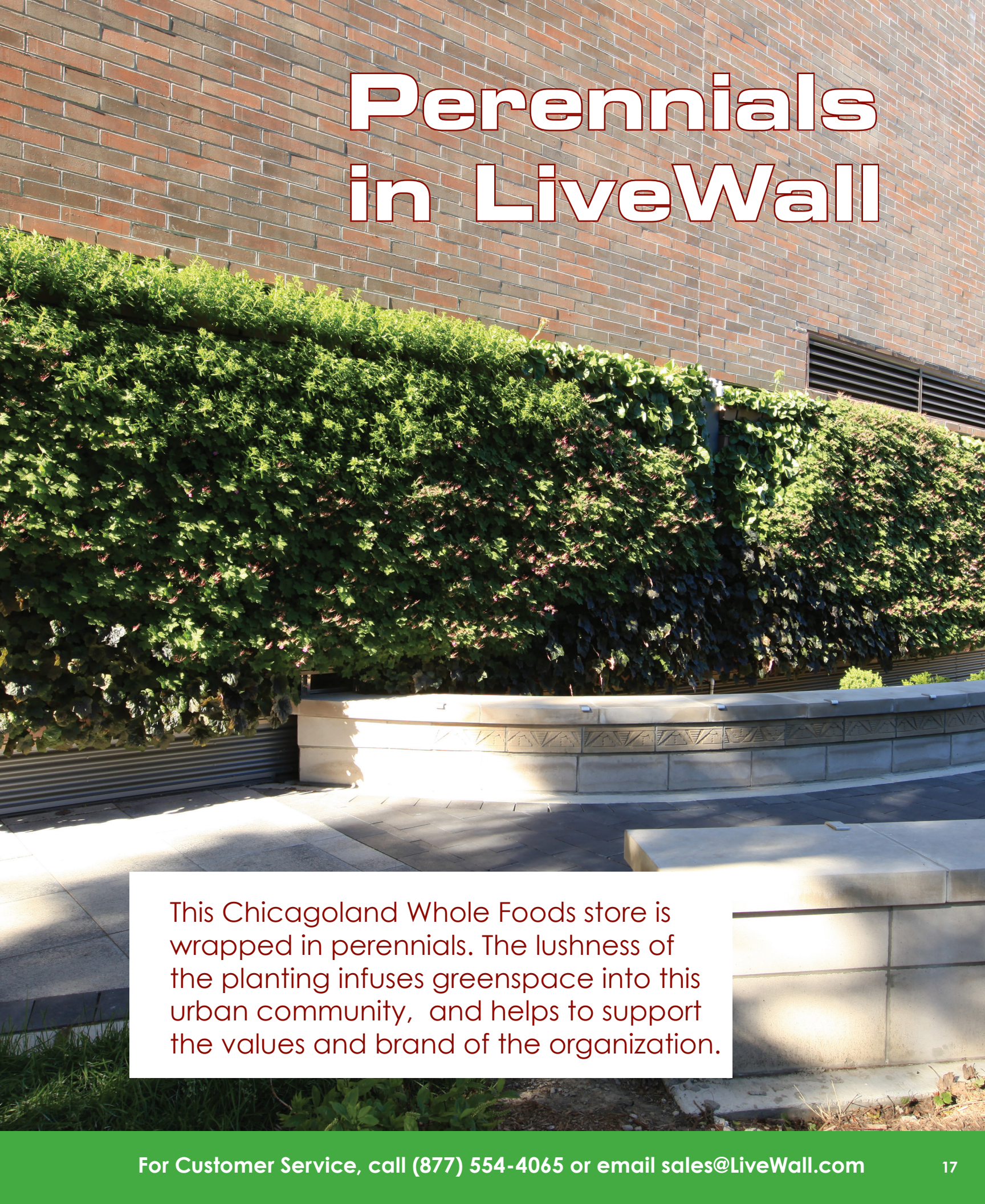








# Perennials in LiveWall



This Chicagoland Whole Foods store is wrapped in perennials. The lushness of the planting infuses greenspace into this urban community, and helps to support the values and brand of the organization.



Which **Perennial Plants** to choose is determined by climate, light conditions and design objectives. LiveRoof offers perennial plant design guides specific to cool, warm and hot climates.

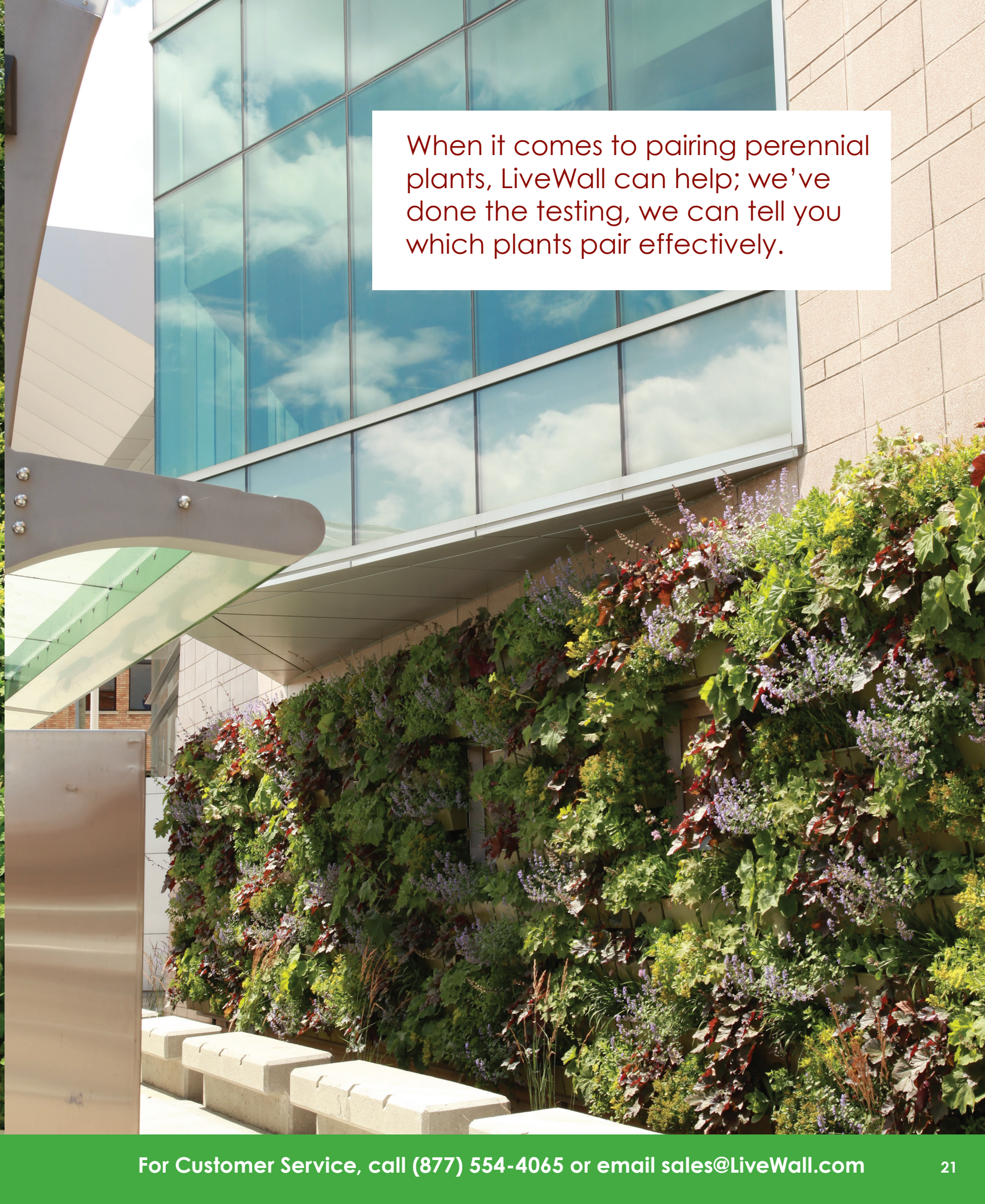
Golden**1** CENTER  
Credit Union



Golden 1 CENTER  
Credit Union

LiveWall® brings the awesome beauty of nature into the built environment.





When it comes to pairing perennial plants, LiveWall can help; we've done the testing, we can tell you which plants pair effectively.



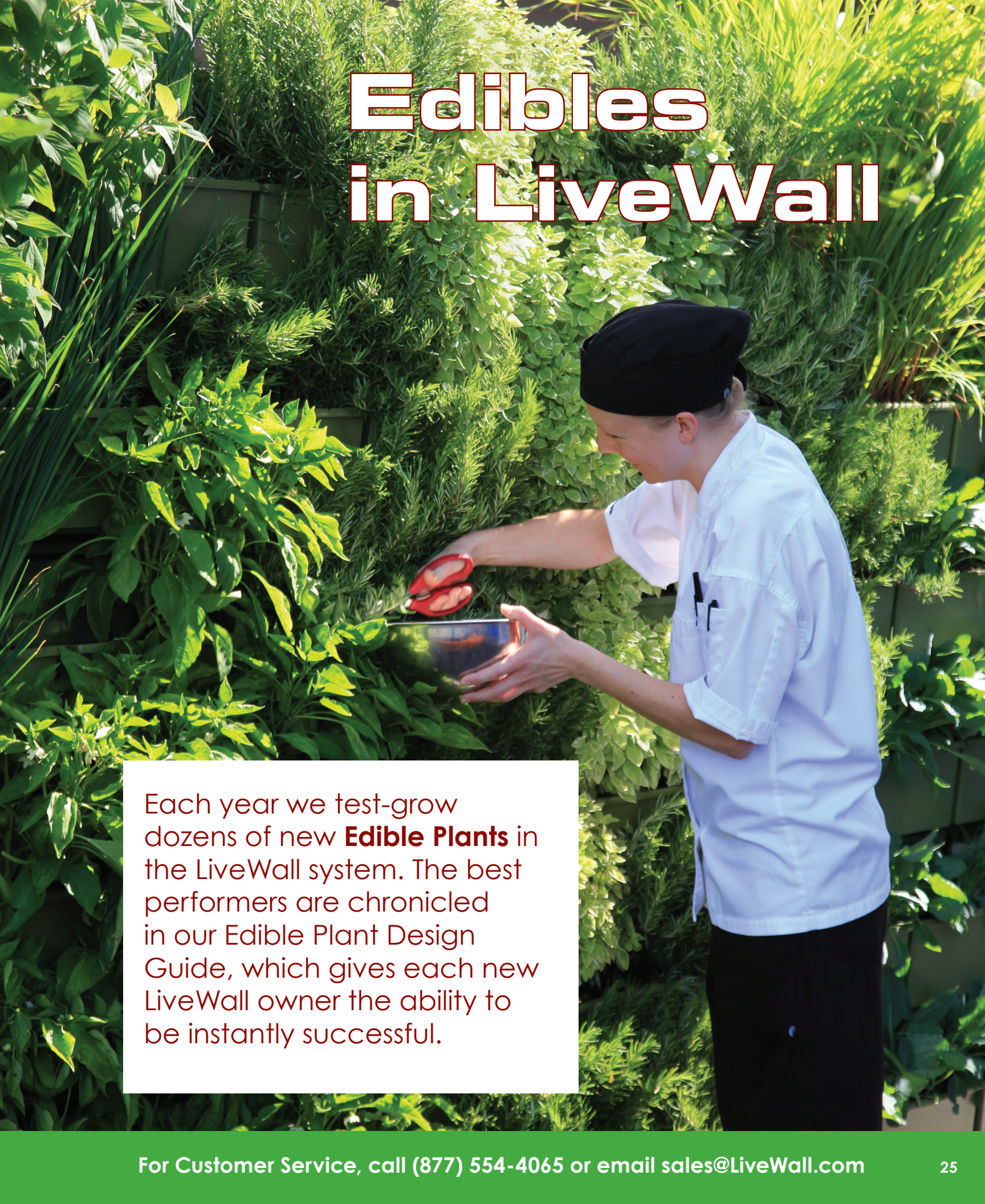
**Biophilia** is the innate human instinct to connect with nature and other living beings. **Contact with nature** supports cognitive function, physical health, and psychological well-being.







# Edibles in LiveWall




Each year we test-grow dozens of new **Edible Plants** in the LiveWall system. The best performers are chronicled in our Edible Plant Design Guide, which gives each new LiveWall owner the ability to be instantly successful.





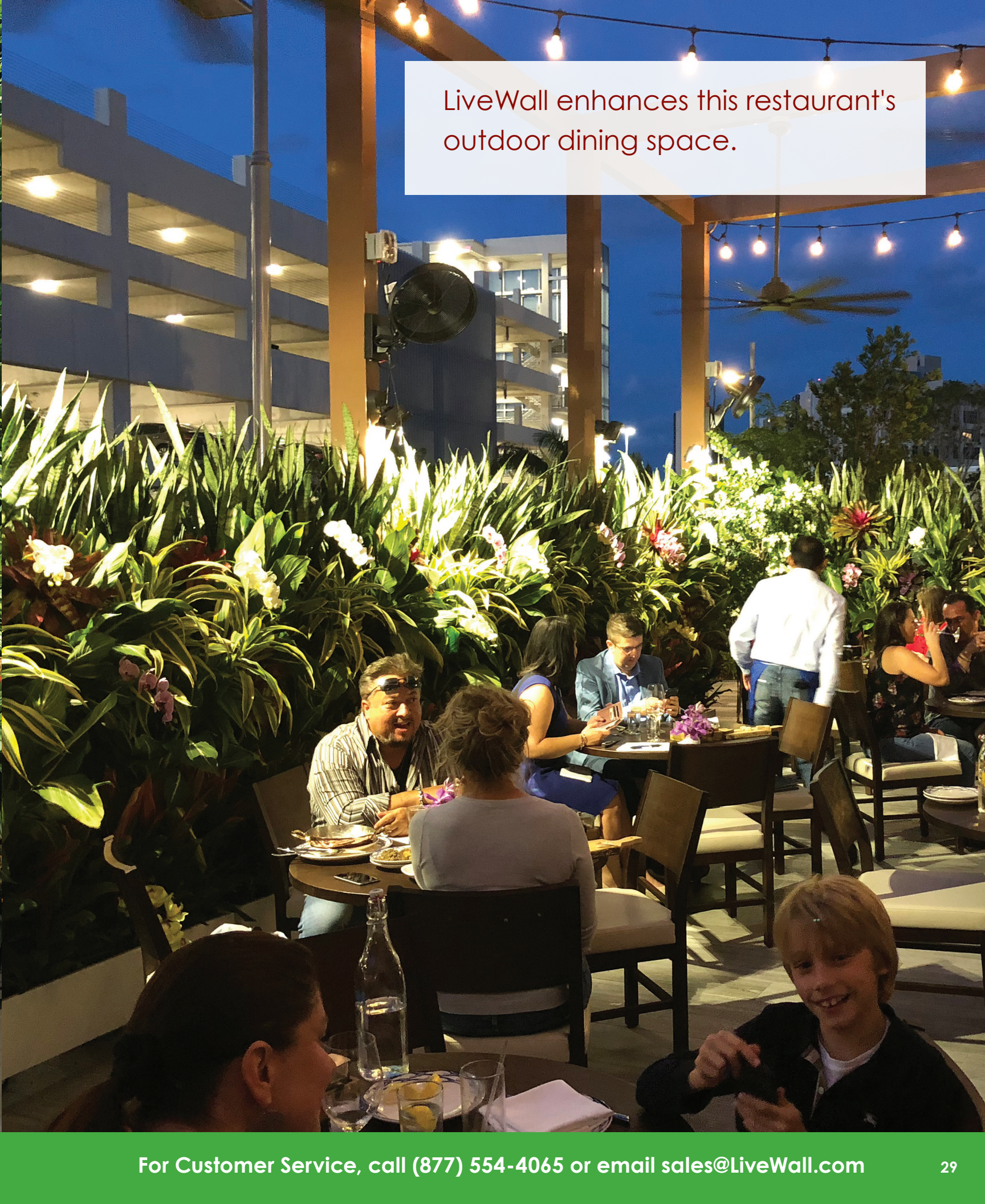
# Tropical Outdoor Plants in LiveWall

This tunnel of pothos is an iconic feature of this Miami development.



Tropical perennials were  
selected for color and beauty  
at this Orlando library.





LiveWall enhances this restaurant's outdoor dining space.



This Miami condominium development chose LiveWall for its architectural-grade materials and flexibility – and ability to create both curving and straight walls.





LiveWall helps create healthy  
Indoor Air Quality and  
Connectivity to Nature



# Indoor Plants in LiveWall

**Beautiful indoor LiveWalls are the result of good plant pairing.** We've made this easy by developing plant menus (found in our Indoor Plant Design Guide) based upon compatible growth habit, and light and water needs.

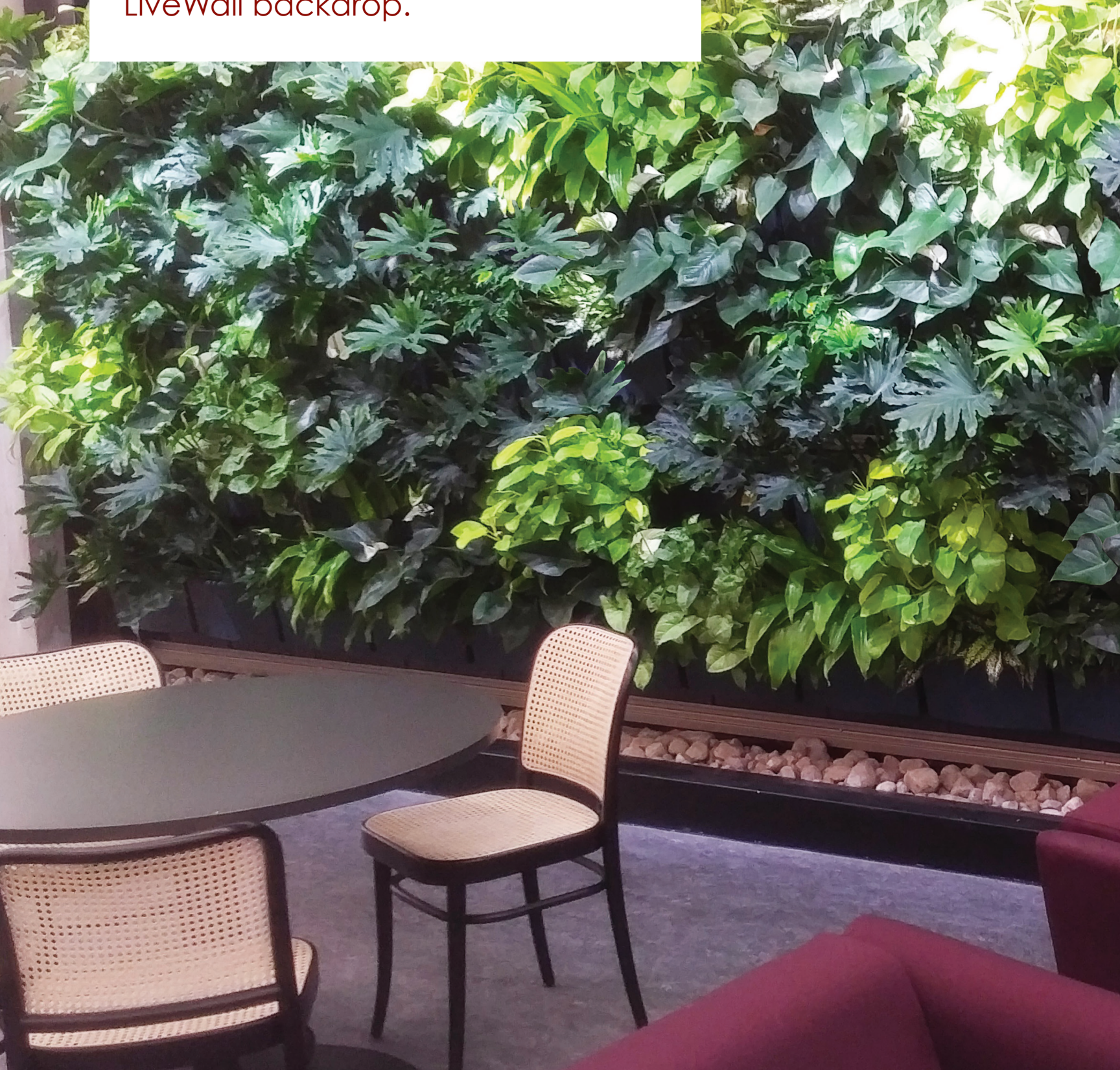




When you walk through the front door of Cornerstone University science building, you get a perspective of two LiveWalls on floors 1 and 2. It gives the allusion of growing right through the floor. These areas are popular spaces for study and social interaction.



This break area is made inviting by the lush tropical foliage of the LiveWall backdrop.





# LiveWall<sup>®</sup> BRAND Designer's Checklist

## System Specifications and Drawings

- \_\_\_\_\_ Writing the Spec: The best, fastest, easiest way to develop specifications is to use the LiveWall spec. writer. It is found under Design, in the Technical section of LiveWall.com.
- \_\_\_\_\_ Reference Details: Basic drawings of the LiveWall system can be provided by LiveWall, LLC.
- \_\_\_\_\_ Irrigation Chase Concealments: Specifications and drawings should illustrate and describe materials for any irrigation chase concealments that are part of the system. This is for side fed (not rear-fed) installations.
- \_\_\_\_\_ Overlay the LiveWall Design: With appropriate scale, to aid the installer in his quoting and planning for the installation. Double check the scale.
- \_\_\_\_\_ Height Above the Floor: Locate the lowest portion of the LiveWall sufficiently above the floor or ground to insure adequate slope in the drain pipe. A slope of 1/4 in. per foot is considered minimum.
- \_\_\_\_\_ Indoor or Outdoor System: Specify indoor or outdoor system.
- \_\_\_\_\_ Wall Planter (WallTer) Color: Specify color.
- \_\_\_\_\_ Wall Anchors: Specify that the installation contractor should choose appropriate anchor type for the wall type.

## Plant Material Specs and Drawings

- \_\_\_\_\_ **Plant Material Selection:** Is integral to the functional, visual and maintenance characteristics of the LiveWall.
  - \***Outdoor Plants:** Choose and pair plants from the climate-specific LiveWall plant design guide. Plants must be compatible in respect to growth habit, hardiness, and light and water requirements.
  - \***Indoor Plants:** Choose and pair plants from the LiveWall indoor plant design guide. Plants must be compatible in respect to growth habit, and light and water requirements.
- \_\_\_\_\_ **Specify the Size and Grade of the Plants:** —and source of plants, if known. Plants to be pre-grown by a qualified nursery, in the LiveWall planter inserts.
- \_\_\_\_\_ **Develop a Design Drawing:** showing the placement of the various plant types.

## Maintenance of Plants and System

- \_\_\_\_\_ **Specify Safe Maintenance Access:** Ladder, hoist, swing stage, scissors jack, cherry picker, etc.
- \_\_\_\_\_ **Specify Maintenance:** to begin immediately upon installation, by a qualified landscape contractor (for outdoor plants) and by a qualified indoor plant care specialist for the indoor plants. In all cases, the written LiveWall maintenance protocol is to be followed.

## Irrigation

- \_\_\_\_\_ **Develop a Design Drawing:** Show the source of the water supply and the point of interface with the LiveWall installation. 10 GPM minimum (at the valve) at 25 PSI required (not to exceed 80 PSI). Keep in mind that the water pressure will drop about 1/2 PSI per vertical foot of elevation.

\_\_\_\_\_ **Irrigation Controller:** Specify the LiveWall operate off of a separate irrigation controller (supplied by LiveWall, LLC), and do not connect it with the irrigation controller for the lawn or landscape. LiveWall requires a simple, yet specific controller of its own.

\_\_\_\_\_ **Backflow Preventer:** Specify type and location of backflow preventer, as required by code, typically 1" female x female reduced pressure backflow preventer with shut-offs (as supplied by LiveWall).

\_\_\_\_\_ **Water Quality is Important:** Specify that water be suitable for plant growing (neutral or acidic pH with few dissolved minerals). Specify water source, city water, well water, treated water, or reclaimed rooftop water (in which case filtration and replenishment are critical).

\_\_\_\_\_ **Specify Water Conditioning Method:** If water has high mineral content. See LiveWall.com for suggestions or call us for information.

## Fertilization

\_\_\_\_\_ **Specify Application Method of Fertilizer - Outdoor Systems:** Granular (by hand) or liquid with automatic injector. Typically, a water powered unit such as Dosatron® (as supplied by LiveWall). LiveWall recommends Nature Source® 10-4-3 plant food formulation.

\_\_\_\_\_ **Indoor Systems:** Specify hand apply with watering can or water wagon—for small walls. Or, with injector for larger walls, in which case specify injector brand, model, and fertilizer type. Be sure to make plans for a small stock solution tank.

## Drain

\_\_\_\_\_ **Develop Design Drawing:** Showing the source of the drain pipe, for water outflow, and the point of interface with the LiveWall – for indoor installations. Insure a minimum slope of 1/4 in. per foot for the drain pipe.

## Electrical

\_\_\_\_\_ **Develop a Design Drawing:** Showing the source of the electrical supply, for the irrigation controller, and the point of interface with the irrigation controller. 110 V required.

## Lighting

\_\_\_\_\_ **For Outdoor Systems:** Be sure to describe the type of light conditions before selecting the plant material. Choose and pair plants according to the LiveWall Plant Design Guide, in accord with the light conditions of the site.

\_\_\_\_\_ **For Indoor Systems:** The proper choice of light “type” (i.e. spectrum) and light intensity is imperative to success with indoor plant growing. Consult the LiveWall Indoor Plant Design Guide and LiveWall.com spec writer before specification of lights. This is critical.

## Installation Contractors

\_\_\_\_\_ **Require adherence:** to LiveWall installation protocol.

## System Protection and Worker Safety

\_\_\_\_\_ **Specify and Follow:** All safety, code, structural loading and other important considerations.

## Water-Tightness

\_\_\_\_\_ **With Outdoor Walls:** If the wall is wood frame or other material that might be susceptible to water; install a breathable vapor barrier on the wall, between the supporting wall and the LiveWall structure.

\_\_\_\_\_ **With Indoor Walls:** It is advisable to use a non breathable vapor barrier on the wall, between the supporting wall and the LiveWall structure.

# The Best Value in Planted Walls



**LiveWall**®  
BRAND

## Contact us at:

(877) 554-4065  
fax (616) 842-3273

LiveWall.com  
sales@livewall.com

**LiveWall, LLC**  
A Subsidiary of Hortech, Inc.  
P.O. Box 533  
Spring Lake, MI 49456

**Your Success is Our Success.** With the goal of empowering you to make good plant/design choices, we provide user-friendly Design Guides for each geographic area as well as for indoor applications. These are based upon climate and light conditions and empower you to have a successful/enjoyable experience with every LiveWall project.