GREEN LIVING TECH

Plug and Play Living Wall Product Binder 2027



FLOOR TO CEILING COLUMNS

800-631-8001 - greenlivingtech.net

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Preface

Engineered to Last. Designed for Living Infrastructure.

Nearly three decades of experience, research, development, and real-world application have shaped a fundamental belief: a properly engineered product should be designed to outlast the generation that installs it.

At Green Living Tech, LLC (GLT), this philosophy is the foundation of our Plug and Play Living Wall System.

Our objective has never been simply to manufacture a living wall. It has been to engineer a durable, adaptable, and environmentally responsible system capable of supporting living infrastructure for generations.

The GLT Plug and Play system is manufactured using 100% recycled aluminum and stainless steel components. We deliberately selected these materials for their structural integrity, durability, resistance to environmental degradation, and long service life.

Unlike systems that rely primarily on plastic containers, synthetic felt, or exposed hydroponic growing media, Plug and Play was engineered to address many of the challenges associated with long-term living wall performance, including moisture management, material deterioration, maintenance accessibility, and plant health.

The system incorporates an integrated mounting structure that provides separation between the living wall and the supporting surface. Its modular construction accommodates a wide variety of plant sizes, configurations, and project requirements, while its irrigation design can be calibrated to minimize water waste.

Our approach is straightforward: engineer the infrastructure to last, while allowing the living components to evolve and be maintained over time.

Engineered for Demanding Environments

Our experience extends across projects in more than 13 countries, encompassing diverse climates, building conditions, and environmental challenges.

From extreme heat and intense solar exposure to freezing temperatures and seasonal weather fluctuations, our work has reinforced the importance of material stability, appropriate plant selection, and application-specific engineering.

We believe living infrastructure must respond to its environment rather than force the environment to accommodate the technology.

For this reason, GLT Plug and Play supports the integration of locally appropriate plant species, allowing designers and horticultural professionals to develop installations suited to regional climates, project objectives, and long-term maintenance capabilities.

Versatility Through Engineering

GLT Plug and Play was developed with commercial and industrial applications in mind.

Its adaptable modular design supports a broad range of applications, including interior and exterior architectural living walls, commercial vertical agriculture, herb and leafy-green production, ornamental planting, and specialized growing environments.

Rather than relying on a single predetermined configuration, the system can be engineered and manufactured to meet the dimensional, architectural, and horticultural requirements of individual projects.

This versatility allows GLT to work collaboratively with architects, engineers, contractors, landscape professionals, and building owners to integrate living infrastructure into new construction and existing facilities.

A Commitment Beyond Installation

A living wall should not be considered a temporary architectural feature. When properly engineered, installed, and maintained, it can become a lasting component of a building's infrastructure.

That commitment is reflected in our lifetime product warranty, subject to the terms and conditions of GLT's warranty.

We stand behind the quality of our manufactured systems because we believe long-term durability should be an expectation, not an exception.

After nearly 30 years of innovation, field experience, and continuous improvement, our commitment remains unchanged: to manufacture living infrastructure systems that deliver enduring value without compromising environmental responsibility.

Thank you for considering Green Living Tech and for sharing our belief that the built environment can—and should—support the living environment.

George Irwin - Founder & CEO

Green Living Tech, LLC

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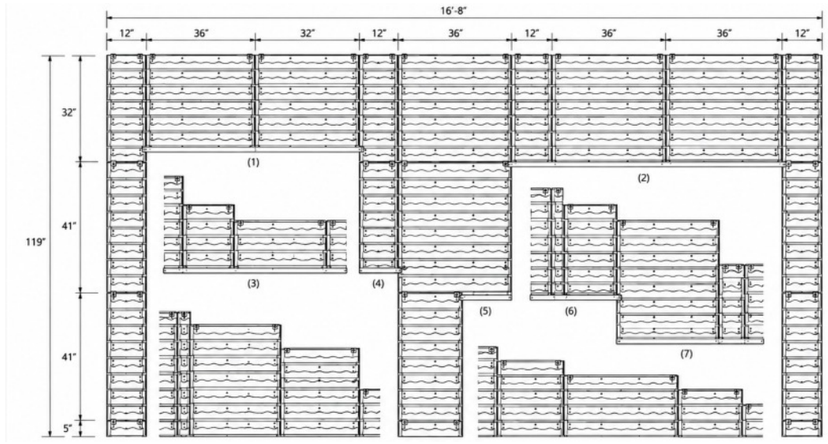
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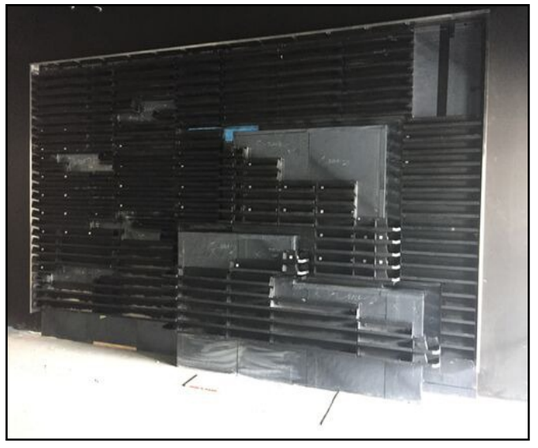
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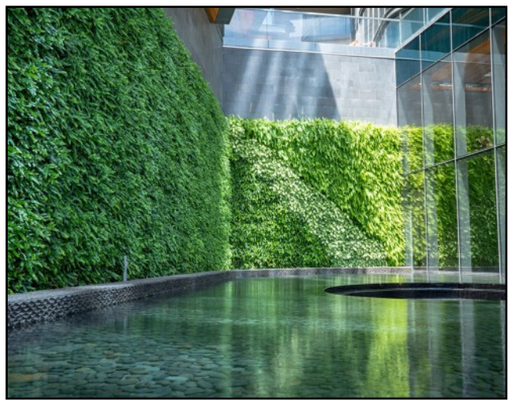




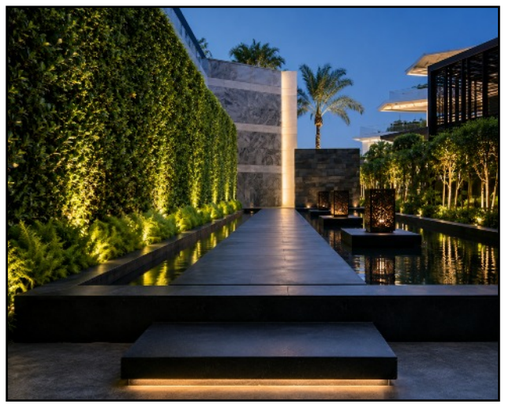


WHEN CONCEPT DESIGN & MANUFACTURING.....COME TO LIFE!

GLT is the manufacturer. Our scope can include shop drawings / design / engineering / manufacturing, powder coating, and job site supervision with global distribution!



HAWAII



DUBAI



CHILE



NEW YORK

Trusted Around the World.
Engineered to Endure.

ICONIC BRANDS. REMARKABLE PLACES. A GREENER TOMORROW.

From global commercial developments and luxury hospitality to professional sports venues, cultural institutions, and mixed - use landmark properties, GLT delivers engineered living infrastructure solutions that integrate seamlessly with visionary design and stand the test of time.

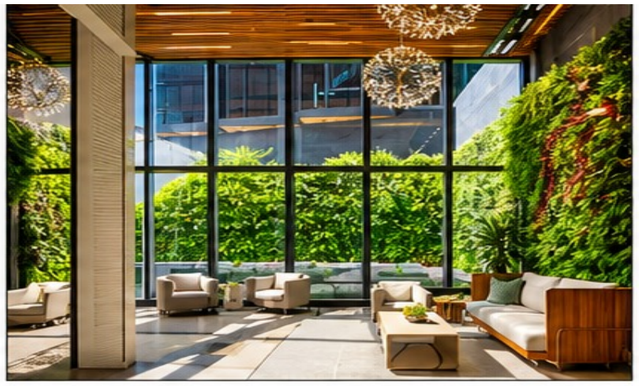


- GLOBAL REACH
- LOCAL EXPERTISE
- LASTING IMPACT

NORTH AMERICA
SOUTH AMERICA
EUROPE
MIDDLE EAST
ASIA
AFRICA









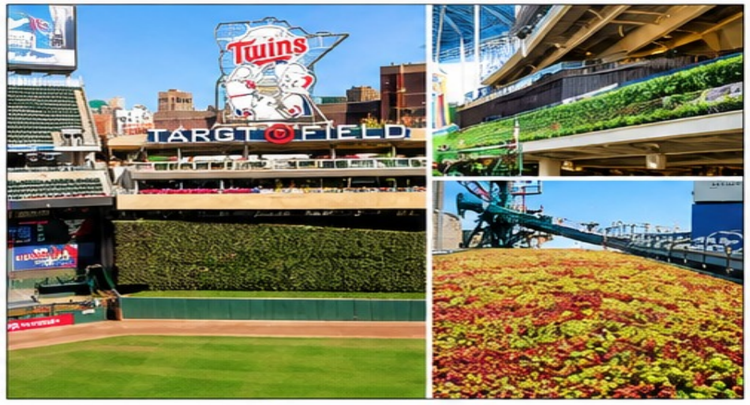
Disney

ONE WORLD TRADE CENTER

WARD VILLAGE
Howard Hughes

SHOPS AT PRUDENTIAL CENTER









ROLEX

MAJOR LEAGUE BASEBALL

INTERCONTINENTAL. HOTELS & RESORTS

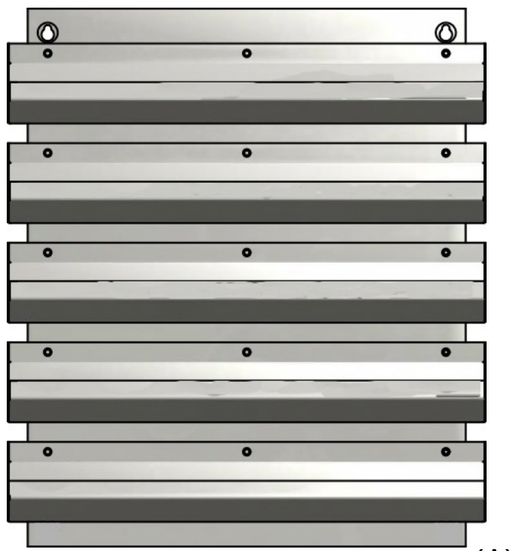
Hakkasan DUBAI

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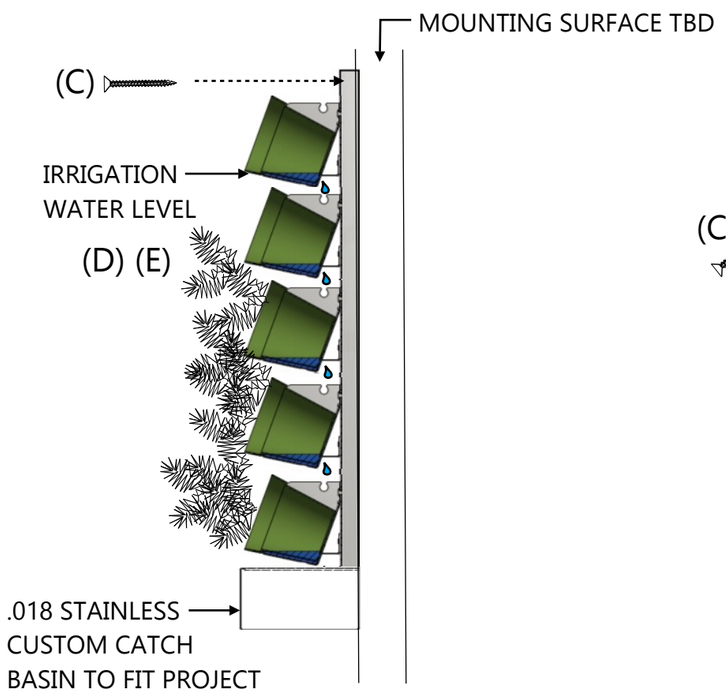
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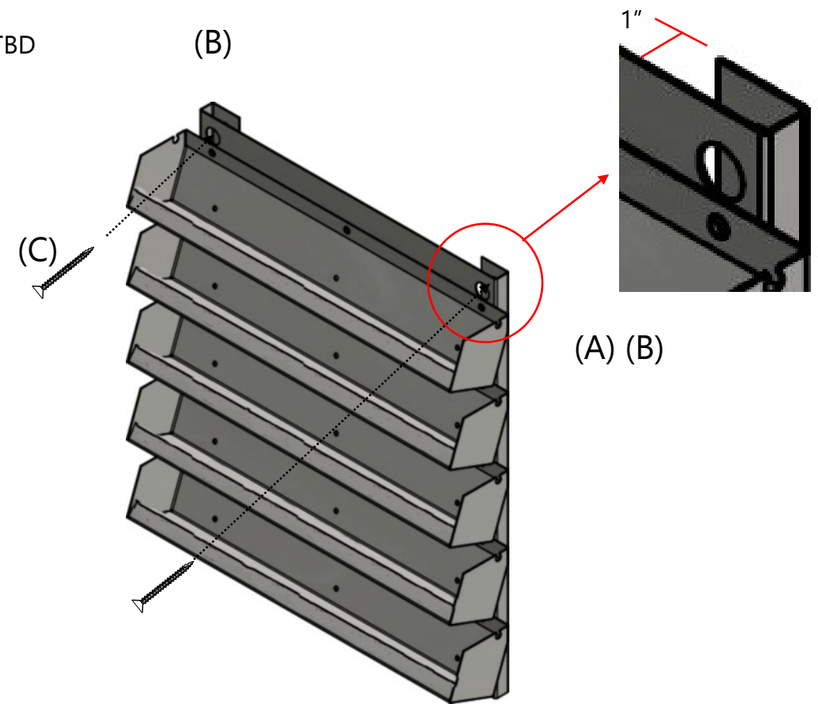
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FRONT ELEVATION
DO NOT SCALE



SIDE ELEVATION
DO NOT SCALE



PERSPECTIVE
DO NOT SCALE

GLT Plug and Play Living Wall is a complete panel assembly highlights:

A. Allowing installer to hang large sections with minimal hardware. Panels are manufactured from a single pot up to 81 pots with only 2 pieces of hardware.

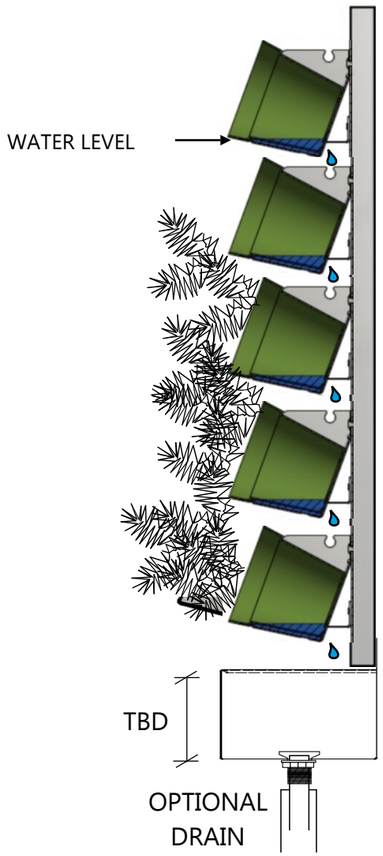
B. The built in frame extends from the mounting surface 1” allowing for air flow behind the wall preventing condensation and moisture build up. Can be mounted on countless surfaces, including sheet rock, just by changing the mounting hardware type.

C. Plug and Play requires 70% less hardware than other living wall systems and no brackets which equates to less labor, less hardware and less holes in any required waterproofing.* (*Waterproofing is optional considering water will not get behind the panels.)

D. Each panel is calibrated to boast zero waste water.

E. Able to design irrigation system to be (i) fully automated with dedicated zones (ii) manual on / off or (iii) manually watered by hand.

F. The Plug and Play is 100% recycled aluminum making it a Class A fire rating. The system will not catch fire and will extend the fire rating of the mounting surface.



SIDE ELEVATION shown here with optional stainless steel irrigation catch basin

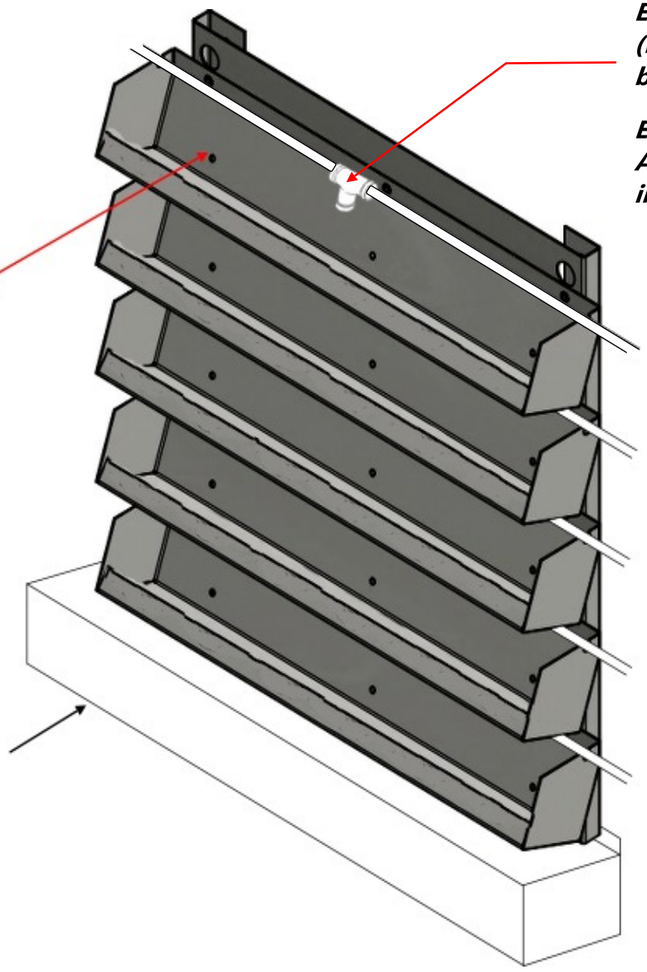
Irrigation Overflow Drain Holes

In the event of a mechanical zone valve failure.

The system can run and not flood the location.

Stainless Steel Catch Basin

Manufactured to fit the project and the design / function intent.



Each row for each panel has one single PC (Pressure Compensating) emitter calibrated based on the number and size of the plants.

Each row fills with irrigation to the exact needs. Any overflow is due to poor calibration by the installer or mechanical failure at the zone valve.

NOTES: Plug and Play panels requires no additional drainage assembly. Each row is designed to hold “X” amount of water that correlates to the size of the pot allowing the irrigation water to be absorbed from the bottom up through natural wicking. The irrigation will be calibrated to have zero waste. In the event of a zone valve failure and excess water will flow through the build in drain holes to the row below and eventually to the bottom of the wall into a drain in the catch basin.

- In the event there is excess water a catch basin at the bottom will retain any overflow.
- For larger projects a floor drain assembly may be required. (See drain detail)
- If a floor drain assembly is not an option then specify a manual on and off irrigation system vs an automated system to prevent a valve failure.
- The Plug and Play is the most water use friendly system in the world.

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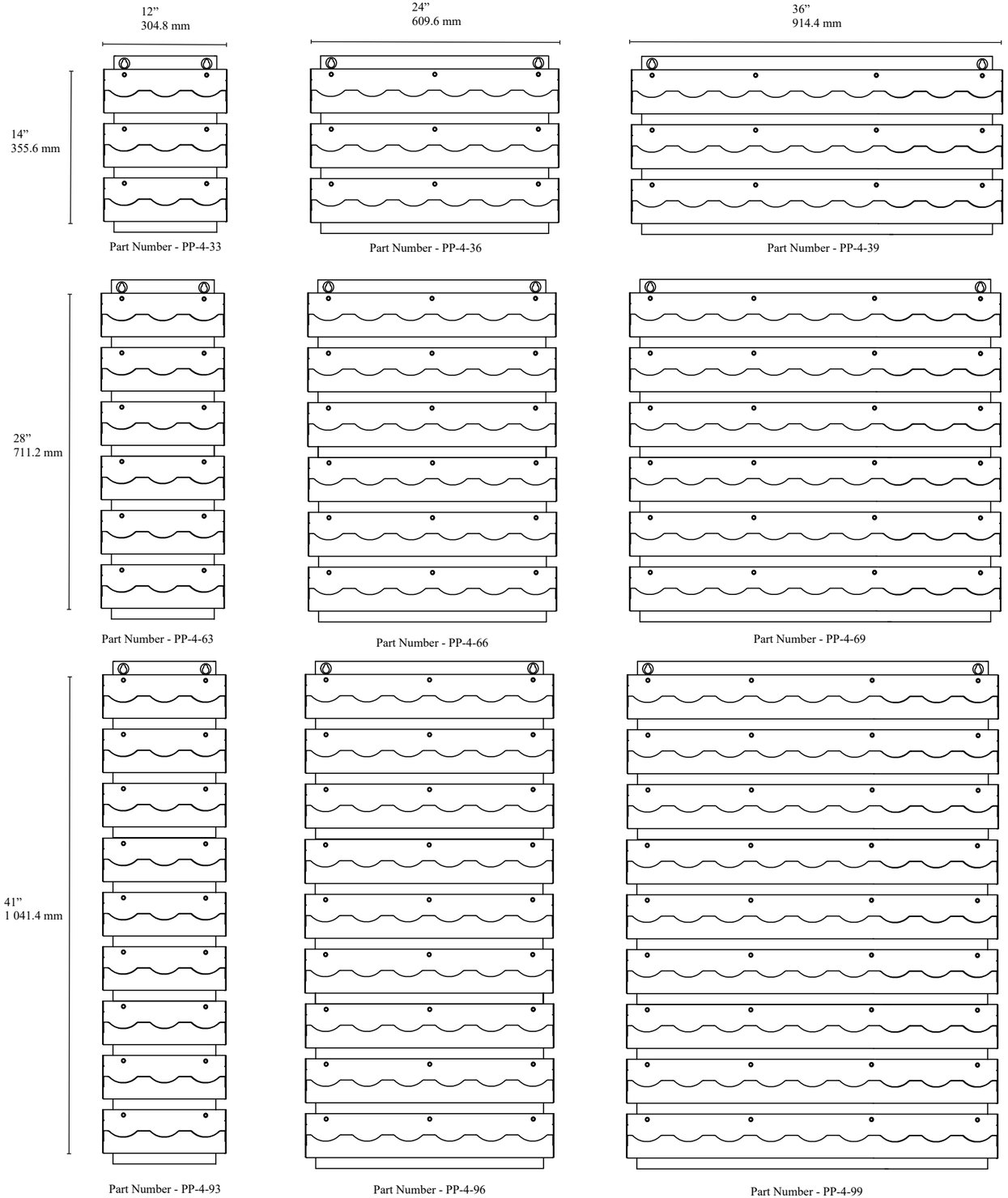
DRAWING TITLE - **IRRIGATION WATER FLOW**

NOTES:

- Minimum lighting requirements must equal 150 foot candles through top, middle and bottom of the wall, 4300 K color temperature via metal halide, LED or Halogen pending plant application.
- Irrigation options vary and require a min. 8 psi supply.
- Potential GFI 15A 120 V pending irrigation set up. (Direct via potable water or reservoir tank. Back flow required as per code by others.
- Mounting surface TBD must accommodate 10 lbs/Sq Ft.

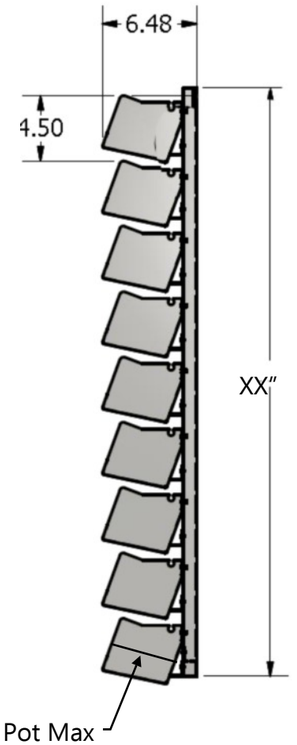
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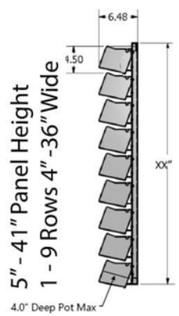
DRAWING TITLE - SAMPLE SIZES FOR THE 4”



AVAILABLE 4” PANEL SIZES *See Page 7 for additional details

PP-4-11	PP-4-61
PP-4-12	PP-4-62
PP-4-13	PP-4-63
PP-4-14	PP-4-64
PP-4-15	PP-4-65
PP-4-16	PP-4-66
PP-4-17	PP-4-67
PP-4-18	PP-4-68
PP-4-19	PP-4-69
PP-4-21	PP-4-71
PP-4-22	PP-4-72
PP-4-23	PP-4-73
PP-4-24	PP-4-74
PP-4-25	PP-4-75
PP-4-26	PP-4-76
PP-4-27	PP-4-77
PP-4-28	PP-4-78
PP-4-29	PP-4-79
PP-4-31	PP-4-81
PP-4-32	PP-4-82
PP-4-33	PP-4-83
PP-4-34	PP-4-84
PP-4-35	PP-4-85
PP-4-36	PP-4-86
PP-4-37	PP-4-87
PP-4-38	PP-4-88
PP-4-39	PP-4-89
PP-4-41	PP-4-91
PP-4-42	PP-4-92
PP-4-43	PP-4-93
PP-4-44	PP-4-94
PP-4-45	PP-4-95
PP-4-46	PP-4-96
PP-4-47	PP-4-97
PP-4-48	PP-4-98
PP-4-49	
PP-4-51	
PP-4-52	
PP-4-53	
PP-4-54	
PP-4-55	







NOTES:

Only two pieces of hardware per section

No additional assembly required

Custom manufacturing available

PP-4-##

PP = Plug and Play

4 = 4” pots

= rows x pots

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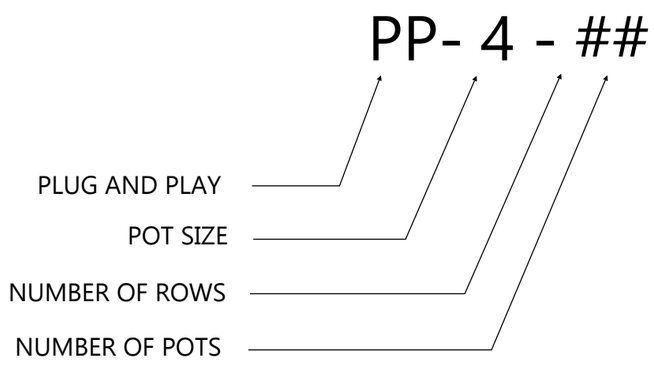
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DRAWING TITLE - SAMPLE DIMENSIONS FOR THE 4”

DRAWING TITLE - 4” Plug and Play Panel

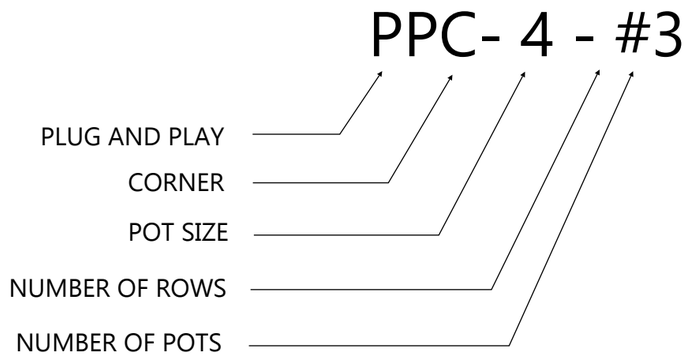
PART NUMBER	PANEL DIMENSION
PP-4-11.....	4" wide x 5" high, 1 rows x 1 pots (1 pots)
PP-4-12.....	8" wide x 5" high, 1 rows x 2 pots (2 pots)
PP-4-13.....	12" wide x 5" high, 1 rows x 3 pots (3 pots)
PP-4-14.....	16" wide x 5" high, 1 rows x 4 pots (4 pots)
PP-4-15.....	20" wide x 5" high, 1 rows x 5 pots (5 pots)
PP-4-16.....	24" wide x 5" high, 1 rows x 6 pots (6 pots)
PP-4-17.....	28" wide x 5" high, 1 rows x 7 pots (7 pots)
PP-4-18.....	32" wide x 5" high, 1 rows x 8 pots (8 pots)
PP-4-19.....	36" wide x 5" high, 1 rows x 9 pots (9 pots)
PP-4-21.....	4" wide x 9.5" high, 2 rows x 1 pots (2 pots)
PP-4-22.....	8" wide x 9.5" high, 2 rows x 2 pots (4 pots)
PP-4-23.....	12" wide x 9.5" high, 2 rows x 3 pots (6 pots)
PP-4-24.....	16" wide x 9.5" high, 2 rows x 4 pots (8 pots)
PP-4-25.....	20" wide x 9.5" high, 2 rows x 5 pots (10 pots)
PP-4-26.....	24" wide x 9.5" high, 2 rows x 6 pots (12 pots)
PP-4-27.....	28" wide x 9.5" high, 2 rows x 7 pots (14 pots)
PP-4-28.....	32" wide x 9.5" high, 2 rows x 8 pots (16 pots)
PP-4-29.....	36" wide x 9.5" high, 2 rows x 9 pots (18 pots)
PP-4-31.....	4" wide x 14" high, 3 rows x 1 pots (3 pots)
PP-4-32.....	8" wide x 14" high, 3 rows x 2 pots (6 pots)
PP-4-33.....	12" wide x 14" high, 3 rows x 3 pots (9 pots)
PP-4-34.....	16" wide x 14" high, 3 rows x 4 pots (12 pots)
PP-4-35.....	20" wide x 14" high, 3 rows x 5 pots (15 pots)
PP-4-36.....	24" wide x 14" high, 3 rows x 6 pots (18 pots)
PP-4-37.....	28" wide x 14" high, 3 rows x 7 pots (21 pots)
PP-4-38.....	32" wide x 14" high, 3 rows x 8 pots (24 pots)
PP-4-39.....	36" wide x 14" high, 3 rows x 9 pots (27 pots)
PP-4-41.....	4" wide x 18.5" high, 4 rows x 1 pots (12 pots)
PP-4-42.....	8" wide x 18.5" high, 4 rows x 2 pots (12 pots)
PP-4-43.....	12" wide x 18.5" high, 4 rows x 3 pots (12 pots)
PP-4-44.....	16" wide x 18.5" high, 4 rows x 4 pots (16 pots)
PP-4-45.....	20" wide x 18.5" high, 4 rows x 5 pots (20 pots)
PP-4-46.....	24" wide x 18.5" high, 4 rows x 6 pots (24 pots)
PP-4-47.....	28" wide x 18.5" high, 4 rows x 7 pots (28 pots)
PP-4-48.....	32" wide x 18.5" high, 4 rows x 8 pots (32 pots)
PP-4-49.....	36" wide x 18.5" high, 4 rows x 9 pots (36 pots)
PP-4-51.....	4" wide x 23" high, 5 rows x 1 pots (5 pots)
PP-4-52.....	8" wide x 23" high, 5 rows x 2 pots (10 pots)
PP-4-53.....	12" wide x 23" high, 5 rows x 3 pots (15 pots)
PP-4-54.....	16" wide x 23" high, 5 rows x 4 pots (20 pots)
PP-4-55.....	20" wide x 23" high, 5 rows x 5 pots (25 pots)
PP-4-56.....	24" wide x 23" high, 5 rows x 6 pots (30 pots)
PP-4-57.....	28" wide x 23" high, 5 rows x 7 pots (35 pots)
PP-4-58.....	32" wide x 23" high, 5 rows x 8 pots (40 pots)
PP-4-59.....	36" wide x 23" high, 5 rows x 9 pots (45 pots)

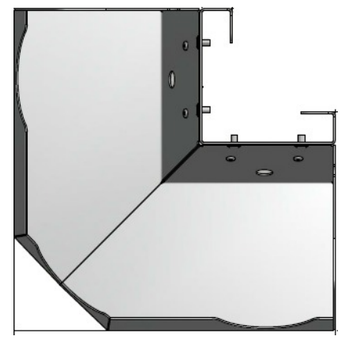
PART NUMBER	PANEL DIMENSION
PP-4-61.....	4" wide x 27.5" high, 6 rows x 1 pots (6 pots)
PP-4-62.....	8" wide x 27.5" high, 6 rows x 2 pots (12 pots)
PP-4-63.....	12" wide x 27.5" high, 6 rows x 3 pots (18 pots)
PP-4-64.....	16" wide x 27.5" high, 6 rows x 4 pots (24 pots)
PP-4-65.....	20" wide x 27.5" high, 6 rows x 5 pots (30 pots)
PP-4-66.....	24" wide x 27.5" high, 6 rows x 6 pots (36 pots)
PP-4-67.....	28" wide x 27.5" high, 6 rows x 7 pots (42 pots)
PP-4-68.....	32" wide x 27.5" high, 6 rows x 8 pots (48 pots)
PP-4-69.....	36" wide x 27.5" high, 6 rows x 9 pots (54 pots)
PP-4-71.....	4" wide x 32" high, 7 rows x 1 pots (7 pots)
PP-4-72.....	8" wide x 32" high, 7 rows x 2 pots (14 pots)
PP-4-73.....	12" wide x 32" high, 7 rows x 3 pots (21 pots)
PP-4-74.....	16" wide x 32" high, 7 rows x 4 pots (28 pots)
PP-4-75.....	20" wide x 32" high, 7 rows x 5 pots (35 pots)
PP-4-76.....	24" wide x 32" high, 7 rows x 6 pots (42 pots)
PP-4-77.....	28" wide x 32" high, 7 rows x 7 pots (49 pots)
PP-4-78.....	32" wide x 32" high, 7 rows x 8 pots (56 pots)
PP-4-79.....	36" wide x 32" high, 7 rows x 9 pots (63 pots)
PP-4-81.....	4" wide x 36.5" high, 8 rows x 1 pots (8 pots)
PP-4-82.....	8" wide x 36.5" high, 8 rows x 2 pots (16 pots)
PP-4-83.....	12" wide x 36.5" high, 8 rows x 3 pots (24 pots)
PP-4-84.....	16" wide x 36.5" high, 8 rows x 4 pots (32 pots)
PP-4-85.....	20" wide x 36.5" high, 8 rows x 5 pots (40 pots)
PP-4-86.....	24" wide x 36.5" high, 8 rows x 6 pots (48 pots)
PP-4-87.....	28" wide x 36.5" high, 8 rows x 7 pots (56 pots)
PP-4-88.....	32" wide x 36.5" high, 8 rows x 8 pots (64 pots)
PP-4-89.....	36" wide x 36.5" high, 8 rows x 9 pots (72 pots)
PP-4-91.....	4" wide x 41" high, 9 rows x 1 pots (9 pots)
PP-4-92.....	8" wide x 41" high, 9 rows x 2 pots (18 pots)
PP-4-93.....	12" wide x 41" high, 9 rows x 3 pots (27 pots)
PP-4-94.....	16" wide x 41" high, 9 rows x 4 pots (36 pots)
PP-4-95.....	20" wide x 41" high, 9 rows x 5 pots (45 pots)
PP-4-96.....	24" wide x 41" high, 9 rows x 6 pots (54 pots)
PP-4-97.....	28" wide x 41" high, 9 rows 7 pots (63 pots)
PP-4-98.....	32" wide x 41" high, 9 rows x 8 pots (72 pots)
PP-4-99.....	36" wide x 41" high, 9 rows x 9 pots (81 pots)



NOTE:

Corners are available for any size panel required. Please Specify the number of rows. All corner panels are 3 pots. The product code is as follows:





GLT PLUG AND PLAY CORNER TOP ELEVATION

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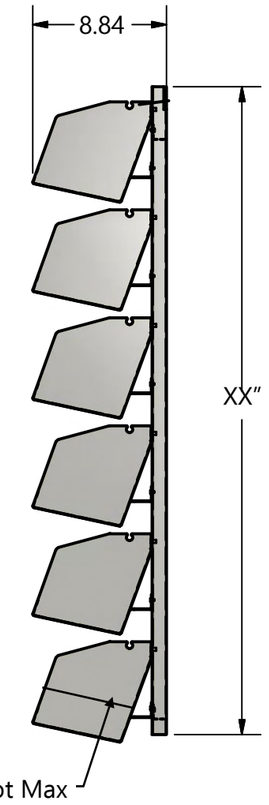
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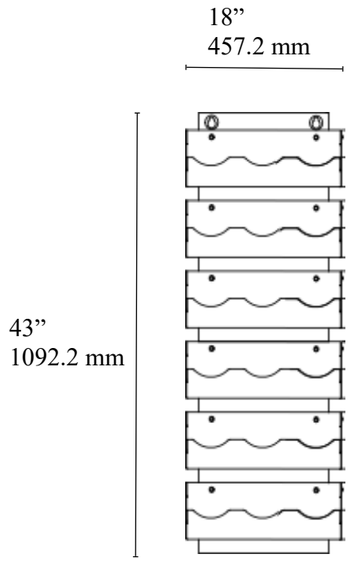
DRAWING TITLE - 4” Plug and Play Panel Dimensions

DRAWING TITLE - SAMPLE SIZES FOR THE 6”

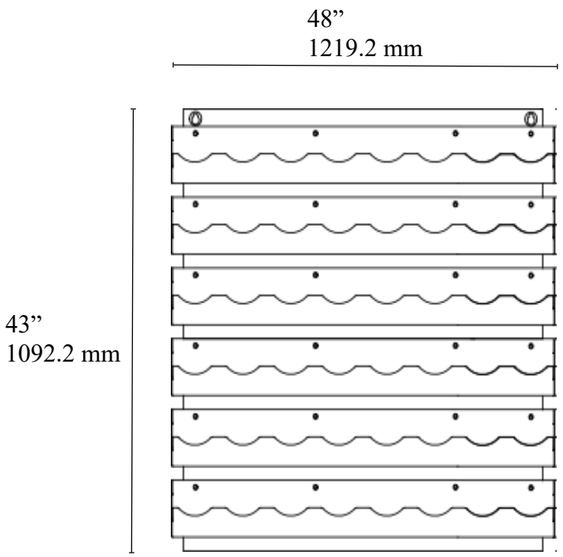
AVAILABLE 6” PANEL SIZES *See Page 9 for additional details

PP-6-11	PP-6-51
PP-6-12	PP-6-52
PP-6-13	PP-6-53
PP-6-14	PP-6-54
PP-6-15	PP-6-55
PP-6-16	PP-6-56
PP-6-17	PP-6-57
PP-6-18	PP-6-58
PP-6-19	PP-6-59
PP-6-21	PP-6-61
PP-6-22	PP-6-62
PP-6-23	PP-6-63
PP-6-24	PP-6-64
PP-6-25	PP-6-65
PP-6-26	PP-6-66
PP-6-27	PP-6-67
PP-6-28	PP-6-68
PP-6-29	PP-6-69
PP-6-31	PP-6-71
PP-6-32	PP-6-72
PP-6-33	PP-6-73
PP-6-34	PP-6-74
PP-6-35	PP-6-75
PP-6-36	PP-6-76
PP-6-37	PP-6-77
PP-6-38	PP-6-81
PP-6-39	PP-6-82
PP-6-41	PP-6-83
PP-6-42	PP-6-84
PP-6-43	PP-6-85
PP-6-44	PP-6-86
PP-6-45	PP-6-87
PP-6-46	PP-6-91
PP-6-47	PP-6-92
PP-6-48	PP-6-93

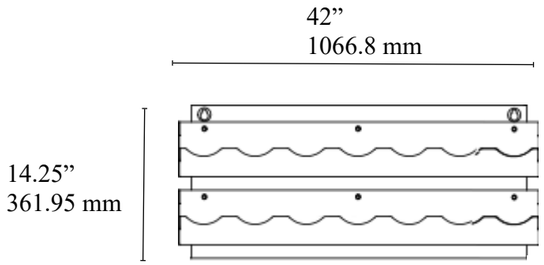




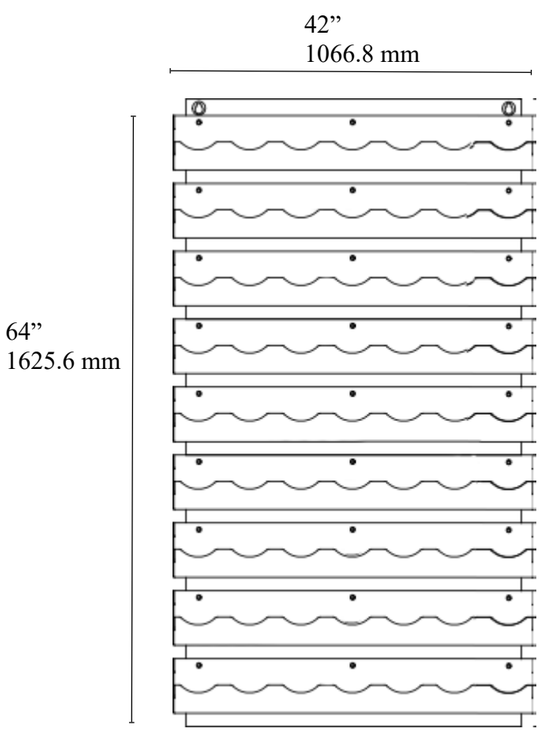
Part Number - PP-6-63



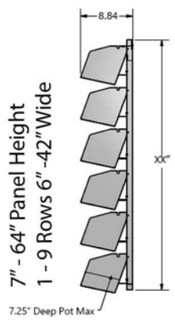
Part Number - PP-6-68



Part Number - PP-6-27



Part Number - PP-6-97





NOTES:

Only two pieces of hardware per section

No additional assembly required

Custom manufacturing available

PP-6-##

PP = Plug and Play

6 = 6” pots

= rows x pots

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NOTES:

- Minimum lighting requirements must equal 150 foot candles through top, middle and bottom of the wall, 4300 K color temperature via metal halide, LED or Halogen pending plant application.
- Irrigation options vary and require a min. 8 psi supply.
- Potential GFI 15A 120 V pending irrigation set up. (Direct via potable water or reservoir tank. Back flow required as per code by others.
- Mounting surface TBD must accommodate 10 lbs/Sq Ft.

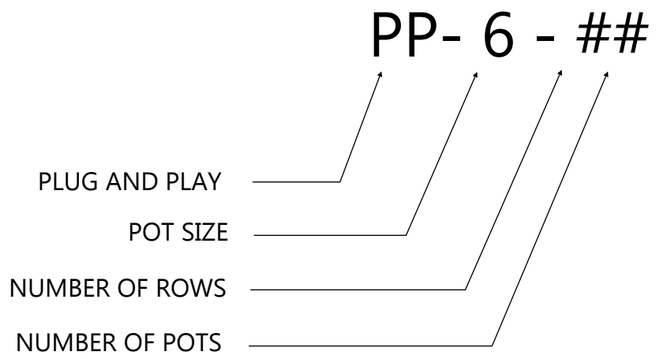
DO NOT SCALE

DRAWING TITLE - SAMPLE DIMENSIONS FOR THE 6”

DRAWING TITLE - 6” Plug and Play Panel

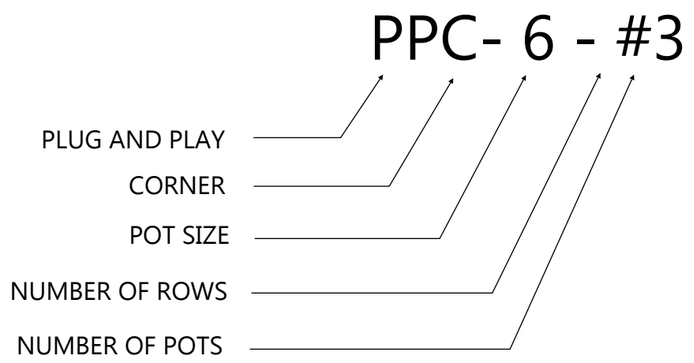
PART NUMBER	PANEL DIMENSION
PP-6-11.....	6" wide x 7" high, 1 rows x 1 pots (1 pots)
PP-6-12.....	12" wide x 7" high, 1 rows x 2 pots (2 pots)
PP-6-13.....	18" wide x 7" high, 1 rows x 3 pots (3 pots)
PP-6-14.....	24" wide x 7" high, 1 rows x 4 pots (4 pots)
PP-6-15.....	30" wide x 7" high, 1 rows x 5 pots (5 pots)
PP-6-16.....	36" wide x 7" high, 1 rows x 6 pots (6 pots)
PP-6-17.....	42" wide x 7" high, 1 rows x 7 pots (7 pots)
PP-6-18.....	48" wide x 7" high, 1 rows x 8 pots (8 pots)
PP-6-19.....	54" wide x 7" high, 1 rows x 9 pots (9 pots)
PP-6-21.....	6" wide x 14.25" high, 2 rows x 1 pots (2 pots)
PP-6-22.....	12" wide x 14.25" high, 2 rows x 2 pots (4 pots)
PP-6-23.....	18" wide x 14.25" high, 2 rows x 3 pots (6 pots)
PP-6-24.....	24" wide x 14.25" high, 2 rows x 4 pots (8 pots)
PP-6-25.....	30" wide x 14.25" high, 2 rows x 5 pots (10 pots)
PP-6-26.....	36" wide x 14.25" high, 2 rows x 6 pots (12 pots)
PP-6-27.....	42" wide x 14.25" high, 2 rows x 7 pots (14 pots)
PP-6-28.....	48" wide x 14.25" high, 2 rows x 8 pots (16 pots)
PP-6-29.....	54" wide x 14.25" high, 2 rows x 9 pots (18 pots)
PP-6-31.....	6" wide x 21.75" high, 3 rows x 1 pots (3 pots)
PP-6-32.....	12" wide x 21.75" high, 3 rows x 2 pots (6 pots)
PP-6-33.....	18" wide x 21.75" high, 3 rows x 3 pots (9 pots)
PP-6-34.....	24" wide x 21.75" high, 3 rows x 4 pots (12 pots)
PP-6-35.....	30" wide x 21.75" high, 3 rows x 5 pots (15 pots)
PP-6-36.....	36" wide x 21.75" high, 3 rows x 6 pots (18 pots)
PP-6-37.....	42" wide x 21.75" high, 3 rows x 7 pots (21 pots)
PP-6-38.....	48" wide x 21.75" high, 3 rows x 8 pots (24 pots)
PP-6-39.....	54" wide x 21.75" high, 3 rows x 9 pots (27 pots)
PP-6-41.....	6" wide x 28.5" high, 4 rows x 1 pots (12 pots)
PP-6-42.....	12" wide x 28.5" high, 4 rows x 2 pots (12 pots)
PP-6-43.....	18" wide x 28.5" high, 4 rows x 3 pots (12 pots)
PP-6-44.....	24" wide x 28.5" high, 4 rows x 4 pots (16 pots)
PP-6-45.....	30" wide x 28.5" high, 4 rows x 5 pots (20 pots)
PP-6-46.....	36" wide x 28.5" high, 4 rows x 6 pots (24 pots)
PP-6-47.....	42" wide x 28.5" high, 4 rows x 7 pots (28 pots)
PP-6-48.....	48" wide x 28.5" high, 4 rows x 8 pots (32 pots)
PP-6-49.....	54" wide x 28.5" high, 4 rows x 9 pots (36 pots)

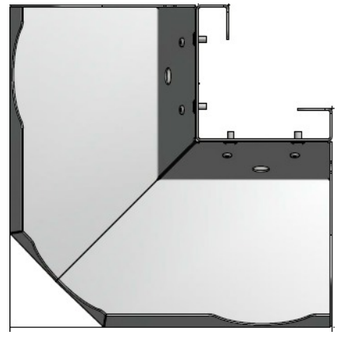
PART NUMBER	PANEL DIMENSION
PP-6-51.....	6" wide x 35 5/8" high, 5 rows x 1 pots (5 pots)
PP-6-52.....	12" wide x 35 5/8" high, 5 rows x 2 pots (10 pots)
PP-6-53.....	18" wide x 35 5/8" high, 5 rows x 3 pots (15 pots)
PP-6-54.....	24" wide x 35 5/8" high, 5 rows x 4 pots (20 pots)
PP-6-55.....	30" wide x 35 5/8" high, 5 rows x 5 pots (25 pots)
PP-6-56.....	36" wide x 35 5/8" high, 5 rows x 6 pots (30 pots)
PP-6-57.....	42" wide x 35 5/8" high, 5 rows x 7 pots (35 pots)
PP-6-58.....	48" wide x 35 5/8" high, 5 rows x 8 pots (40 pots)
PP-6-59.....	54" wide x 35 5/8" high, 5 rows x 9 pots (45 pots)
PP-6-61.....	6" wide x 42.75" high, 6 rows x 1 pots (6 pots)
PP-6-62.....	12" wide x 42.75" high, 6 rows x 2 pots (12 pots)
PP-6-63.....	18" wide x 42.75" high, 6 rows x 3 pots (18 pots)
PP-6-64.....	24" wide x 42.75" high, 6 rows x 4 pots (24 pots)
PP-6-65.....	30" wide x 42.75" high, 6 rows x 5 pots (30 pots)
PP-6-66.....	36" wide x 42.75" high, 6 rows x 6 pots (36 pots)
PP-6-67.....	42" wide x 42.75" high, 6 rows x 7 pots (42 pots)
PP-6-68.....	48" wide x 42.75" high, 6 rows x 8 pots (48 pots)
PP-6-69.....	56" wide x 42.75" high, 6 rows x 9 pots (54 pots)
PP-6-71.....	6" wide x 49 7/8" high, 7 rows x 1 pots (7 pots)
PP-6-72.....	12" wide x 49 7/8" high, 7 rows x 2 pots (14 pots)
PP-6-73.....	18" wide x 49 7/8" high, 7 rows x 3 pots (21 pots)
PP-6-74.....	24" wide x 49 7/8" high, 7 rows x 4 pots (28 pots)
PP-6-75.....	30" wide x 49 7/8" high, 7 rows x 5 pots (35 pots)
PP-6-76.....	36" wide x 49 7/8" high, 7 rows x 6 pots (42 pots)
PP-6-77.....	42" wide x 49 7/8" high, 7 rows x 7 pots (49 pots)
PP-6-81.....	6" wide x 57" high, 8 rows x 1 pots (8 pots)
PP-6-82.....	12" wide x 57" high, 8 rows x 2 pots (16 pots)
PP-6-83.....	18" wide x 57" high, 8 rows x 3 pots (24 pots)
PP-6-84.....	24" wide x 57" high, 8 rows x 4 pots (32 pots)
PP-6-85.....	30" wide x 57" high, 8 rows x 5 pots (40 pots)
PP-6-86.....	36" wide x 57" high, 8 rows x 6 pots (48 pots)
PP-6-87.....	42" wide x 57" high, 8 rows x 7 pots (56 pots)
PP-6-91.....	6" wide x 64 1/8" high, 9 rows x 1 pots (9 pots)
PP-6-92.....	12" wide x 64 1/8" high, 9 rows x 2 pots (18 pots)
PP-6-93.....	18" wide x 64 1/8" high, 9 rows x 3 pots (27 pots)
PP-6-94.....	24" wide x 64 1/8" high, 9 rows x 4 pots (36 pots)
PP-6-95.....	30" wide x 64 1/8" high, 9 rows x 5 pots (45 pots)
PP-6-96.....	36" wide x 64 1/8" high, 9 rows x 6 pots (54 pots)
PP-6-97.....	42" wide x 64 1/8" high, 9 rows 7 pots (63 pots)



NOTE:

Corners are available for any size panel required. Please Specify the number of rows. All corner panels are 3 pots. The product code is as follows:



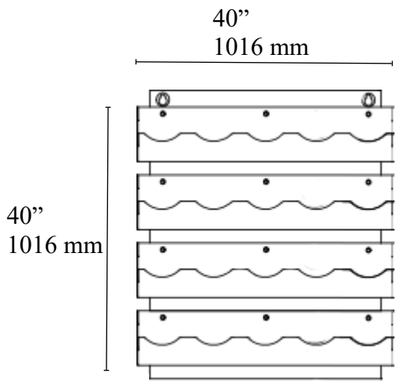


GLT PLUG AND PLAY CORNER TOP ELEVATION

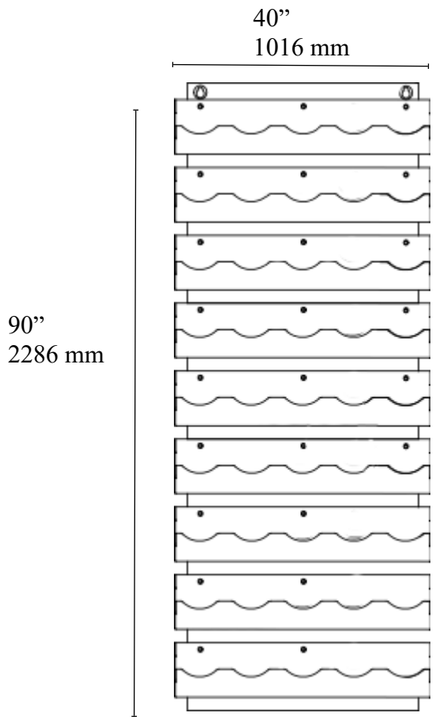
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DRAWING TITLE - 6” Plug and Play Panel Dimensions



Part Number - PP-6.5-45

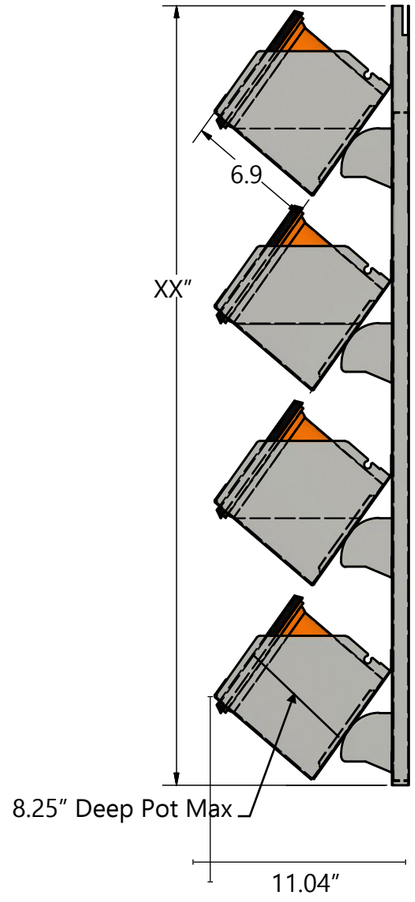


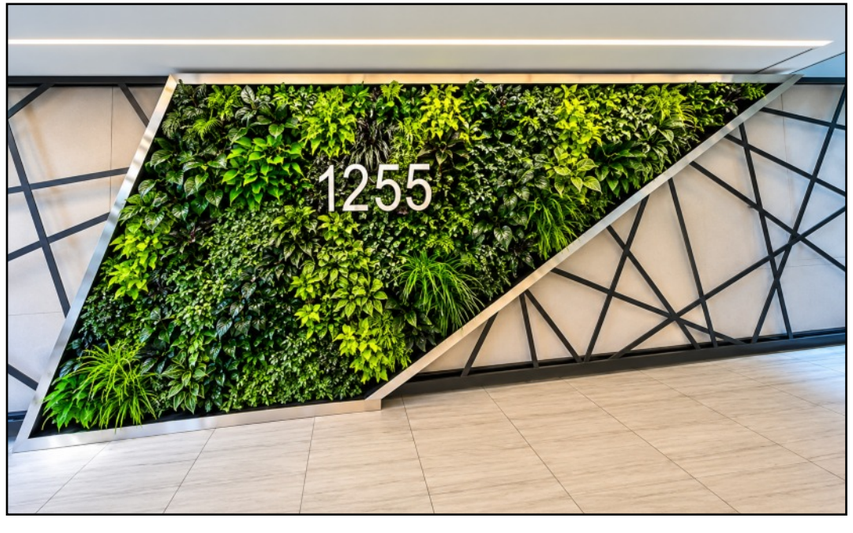
Part Number - PP-6.5-95

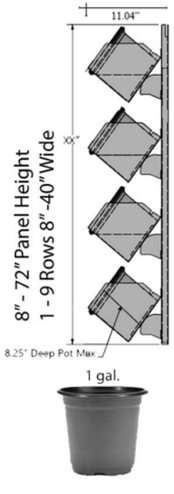
DRAWING TITLE - SAMPLE SIZES FOR 1 GALLON

AVAILABLE 1 Gal. PANEL SIZES *See Page 11 for additional details

PP-8-11
PP-8-12
PP-8-13
PP-8-14
PP-8-15
PP-8-16
PP-8-17
PP-8-18
PP-8-19
PP-8-21
PP-8-22
PP-8-23
PP-8-24
PP-8-25
PP-8-26
PP-8-27
PP-8-28
PP-8-29
PP-8-31
PP-8-32
PP-8-33
PP-8-34
PP-8-35
PP-8-36
PP-8-37
PP-8-38
PP-8-39
PP-8-41
PP-8-42
PP-8-43
PP-8-44
PP-8-45
PP-8-46
PP-8-47
PP-8-48
PP-8-49
PP-8-51
PP-8-52
PP-8-53
PP-8-54
PP-8-55
PP-8-61
PP-8-62
PP-8-63
PP-8-64
PP-8-65
PP-8-71
PP-8-72
PP-8-73
PP-8-74
PP-8-75
PP-8-81
PP-8-82
PP-8-83
PP-8-84
PP-8-85
PP-8-91
PP-8-92
PP-8-93
PP-8-94
PP-8-95







NOTES:

Only two pieces of hardware per section

No additional assembly required

Custom manufacturing available

PP-8-##

PP = Plug and Play

8 = 1 Gal. pots

= rows x pots

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DRAWING TITLE - SAMPLE DIMENSIONS FOR THE 1 Gal

NOTES:

- Minimum lighting requirements must equal 150 foot candles through top, middle and bottom of the wall, 4300 K color temperature via metal halide, LED or Halogen pending plant application.
- Irrigation options vary and require a min. 8 psi supply.
- Potential GFI 15A 120 V pending irrigation set up. (Direct via potable water or reservoir tank. Back flow required as per code by others.
- Mounting surface TBD must accommodate 10 lbs/Sq Ft.

DO NOT SCALE

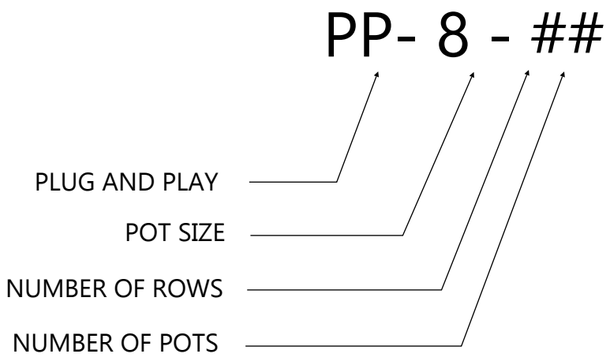
DRAWING TITLE - 8” (One Gallon) Plug and Play

PART NUMBER PANEL DIMENSION

PP-8-11..... 8" wide x 10" high, 11.04 deep, 1 rows x 1 pots (1 pot)
PP-8-12..... 16" wide x 10" high, 11.04 deep, 1 rows x 2 pots (2 pots)
PP-8-13..... 24" wide x 10" high, 11.04 deep, 1 rows x 3 pots (3 pots)
PP-8-14..... 32" wide x 10" high, 11.04 deep, 1 rows x 4 pots (4 pots)
PP-8-15..... 40" wide x 10" high, 11.04 deep, 1 rows x 5 pots (5 pots)
PP-8-16..... 48" wide x 10" high, 11.04 deep, 1 rows x 6 pots (6 pots)
PP-8-17..... 56" wide x 10" high, 11.04 deep, 1 rows x 7 pots (7 pots)
PP-8-18..... 64" wide x 10" high, 11.04 deep, 1 rows x 8 pots (8 pots)
PP-8-19..... 72" wide x 10" high, 11.04 deep, 1 rows x 9 pots (9 pots)
PP-8-21..... 8" wide x 20" high, 11.04 deep, 2 rows x 1 pots (2 pots)
PP-8-22..... 16" wide x 20" high, 11.04 deep, 2 rows x 2 pots (4 pots)
PP-8-23..... 24" wide x 20" high, 11.04 deep, 2 rows x 3 pots (6 pots)
PP-8-24..... 32" wide x 20" high, 11.04 deep, 2 rows x 4 pots (8 pots)
PP-8-25..... 40" wide x 20" high, 11.04 deep, 2 rows x 5 pots (10 pots)
PP-8-26..... 48" wide x 20" high, 11.04 deep, 2 rows x 6 pots (12 pots)
PP-8-27..... 56" wide x 20" high, 11.04 deep, 2 rows x 7 pots (14 pots)
PP-8-28..... 64" wide x 20" high, 11.04 deep, 2 rows x 8 pots (16 pots)
PP-8-29..... 72" wide x 20" high, 11.04 deep, 2 rows x 9 pots (18 pots)
PP-8-31..... 8" wide x 30" high, 11.04 deep, 3 rows x 1 pots (3 pots)
PP-8-32..... 16" wide x 30" high, 11.04 deep, 3 rows x 2 pots (6 pots)
PP-8-33..... 24" wide x 30" high, 11.04 deep, 3 rows x 3 pots (9 pots)
PP-8-34..... 32" wide x 30" high, 11.04 deep, 3 rows x 4 pots (12 pots)
PP-8-35..... 40" wide x 30" high, 11.04 deep, 3 rows x 5 pots (15 pots)
PP-8-36..... 48" wide x 30" high, 11.04 deep, 3 rows x 6 pots (18 pots)
PP-8-37..... 56" wide x 30" high, 11.04 deep, 3 rows x 7 pots (21 pots)
PP-8-38..... 64" wide x 30" high, 11.04 deep, 3 rows x 8 pots (24 pots)
PP-8-39..... 72" wide x 30" high, 11.04 deep, 3 rows x 9 pots (27 pots)

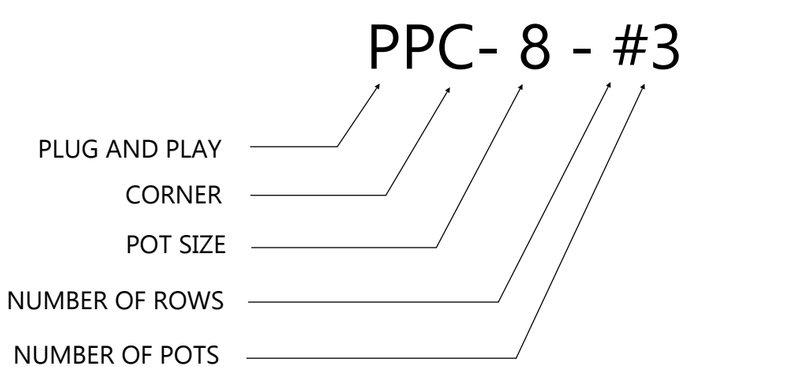
PART NUMBER PANEL DIMENSION

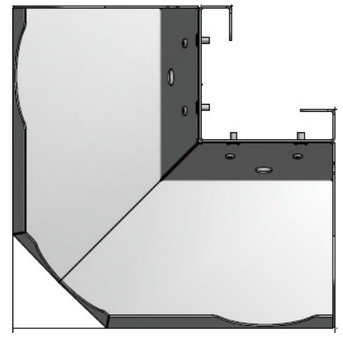
PP-8-41..... 8" wide x 10" high, 11.04 deep, 4 rows x 1 pots (4 pots)
PP-8-42..... 16" wide x 40" high, 11.04 deep, 4 rows x 2 pots (8 pots)
PP-8-43..... 24" wide x 40" high, 11.04 deep, 4 rows x 3 pots (12 pots)
PP-8-44..... 32" wide x 40" high, 11.04 deep, 4 rows x 4 pots (16 pots)
PP-8-45..... 40" wide x 40" high, 11.04 deep, 4 rows x 5 pots (20 pots)
PP-8-46..... 48" wide x 40" high, 11.04 deep, 4 rows x 6 pots (24 pots)
PP-8-47..... 56" wide x 40" high, 11.04 deep, 4 rows x 7 pots (28 pots)
PP-8-48..... 64" wide x 40" high, 11.04 deep, 4 rows x 8 pots (32 pots)
PP-8-49..... 72" wide x 40" high, 11.04 deep, 4 rows x 9 pots (36 pots)
PP-8-51..... 8" wide x 50" high, 11.04 deep, 5 rows x 1 pots (5 pot)
PP-8-52..... 16" wide x 50" high, 11.04 deep, 5 rows x 2 pots (10 pots)
PP-8-53..... 24" wide x 50" high, 11.04 deep, 5 rows x 3 pots (15 pots)
PP-8-54..... 32" wide x 50" high, 11.04 deep, 5 rows x 4 pots (20 pots)
PP-8-55..... 40" wide x 50" high, 11.04 deep, 5 rows x 5 pots (25 pots)
PP-8-61..... 8" wide x 60" high, 11.04 deep, 6 rows x 1 pots (6 pots)
PP-8-62..... 16" wide x 60" high, 11.04 deep, 6 rows x 2 pots (12 pots)
PP-8-63..... 24" wide x 60" high, 11.04 deep, 6 rows x 3 pots (18 pots)
PP-8-64..... 32" wide x 60" high, 11.04 deep, 6 rows x 4 pots (24 pots)
PP-8-65..... 40" wide x 60" high, 11.04 deep, 6 rows x 5 pots (30 pots)
PP-8-71..... 8" wide x 70" high, 11.04 deep, 7 rows x 1 pots (7 pots)
PP-8-72..... 16" wide x 70" high, 11.04 deep, 7 rows x 2 pots (14 pots)
PP-8-73..... 24" wide x 70" high, 11.04 deep, 7 rows x 3 pots (21 pots)
PP-8-74..... 32" wide x 70" high, 11.04 deep, 7 rows x 4 pots (28 pots)
PP-8-75..... 40" wide x 70" high, 11.04 deep, 7 rows x 5 pots (35 pots)
PP-8-81..... 8" wide x 80" high, 11.04 deep, 8 rows x 1 pots (8 pots)
PP-8-82..... 16" wide x 80" high, 11.04 deep, 8 rows x 2 pots (16 pots)
PP-8-83..... 24" wide x 80" high, 11.04 deep, 8 rows x 3 pots (24 pots)
PP-8-84..... 32" wide x 80" high, 11.04 deep, 8 rows x 4 pots (32 pots)
PP-8-85..... 40" wide x 80" high, 11.04 deep, 8 rows x 5 pots (40 pots)
PP-8-91..... 8" wide x 90" high, 11.04 deep, 9 rows x 1 pots (9 pots)
PP-8-92..... 16" wide x 90" high, 11.04 deep, 9 rows x 2 pots (18 pots)
PP-8-93..... 24" wide x 90" high, 11.04 deep, 9 rows x 3 pots (27 pots)
PP-8-94..... 32" wide x 90" high, 11.04 deep, 9 rows x 4 pots (36 pots)
PP-8-95..... 40" wide x 90" high, 11.04 deep, 9 rows x 5 pots (45 pots)



NOTE:

Corners are available for any size panel required. Please Specify the number of rows. All corner panels are 3 pots. The product code is as follows:



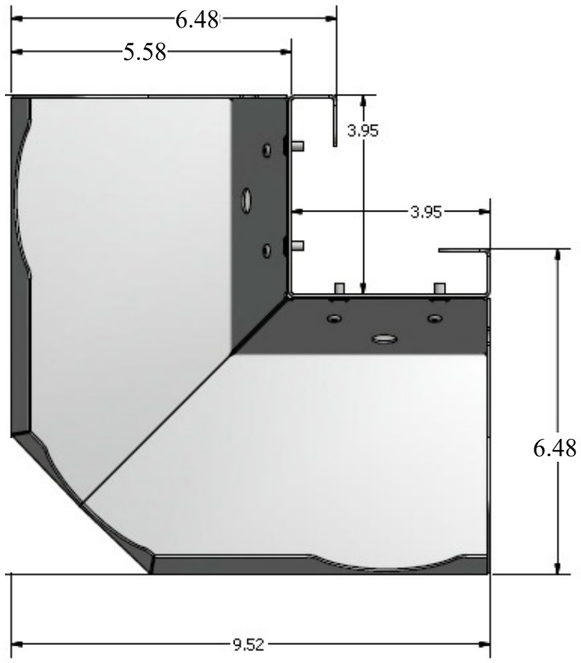


GLT PLUG AND PLAY CORNER TOP ELEVATION

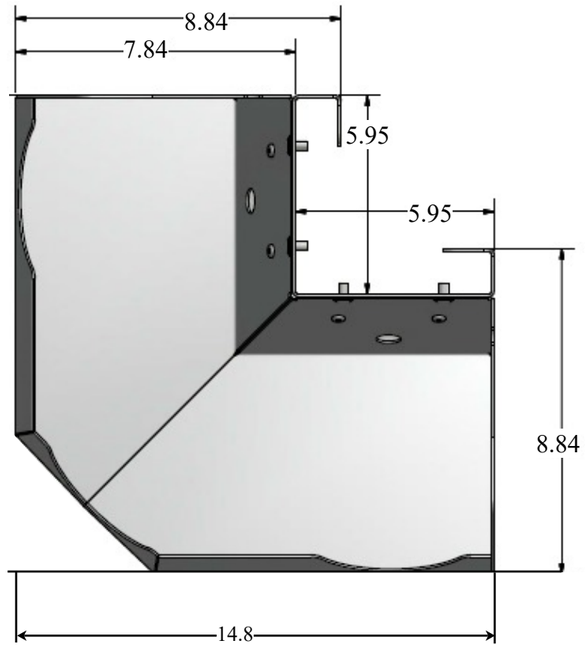
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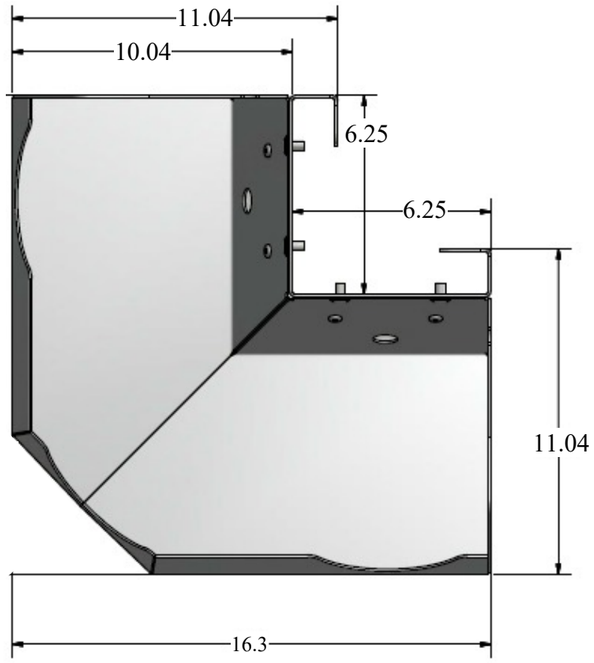
DRAWING TITLE - 8” Plug and Play Panel Dimensions



PPC- 4 - #3



PPC- 6 - #3



PPC- 8 - #3

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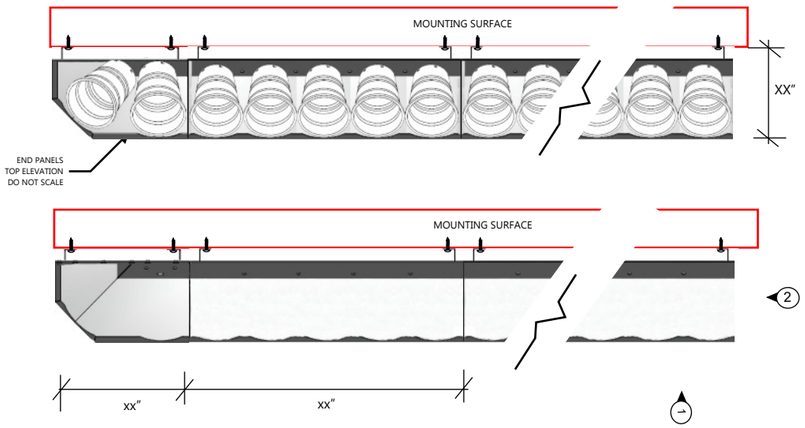
DRAWING TITLE - 4" Plug and Play Panel Dimensions

NOTES:

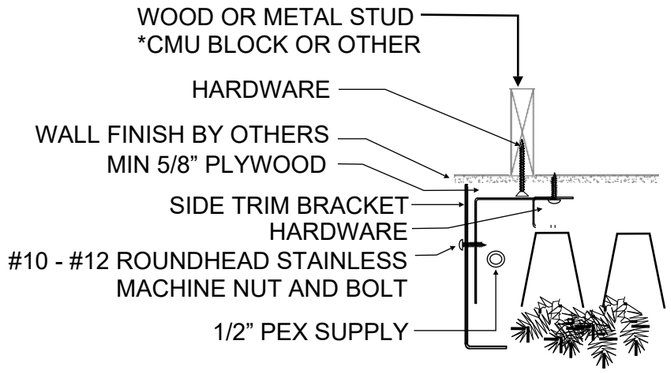
- Minimum lighting requirements must equal 150 foot candles through top , middle and bottom of the wall. 4300 K color temperature via metal halide. LED or Halogen pending plant application.
- Irrigation options vary and require a min. 8 psi supply.
- Potential GFI 15A 120 V pending irrigation set up. (Direct via potable water or reservoir tank. Back flow required as per code by others.
- Mounting surface TBD must accommodate 10 lbs/Sq Ft.

DO NOT SCALE

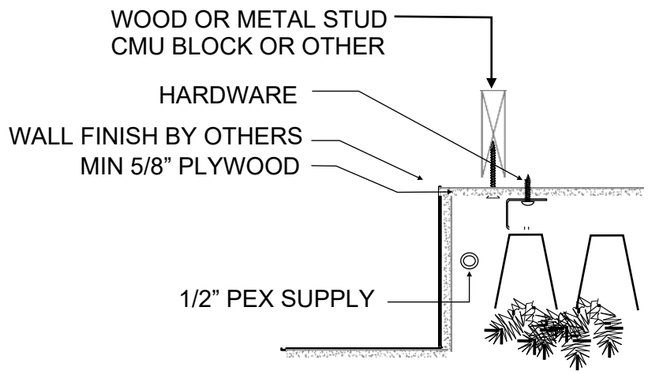
TRIM & FINISH OPTIONS



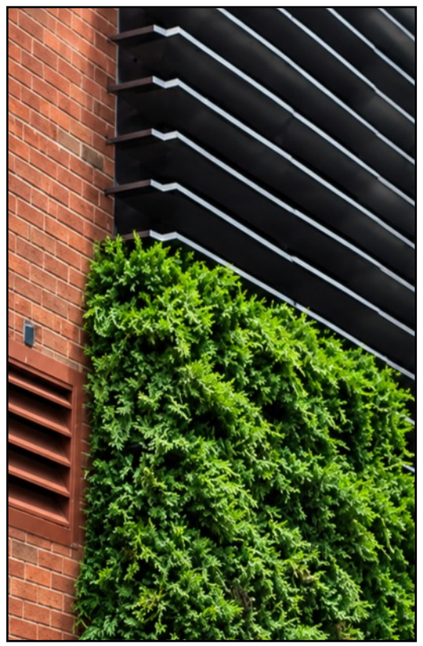
1 / GRxx TOP ELEVATION
TRIM LESS



2 / GRxx TOP ELEVATION STAINLESS TRIM



3 / GRxx TOP ELEVATION RECESSED*
*No Trim



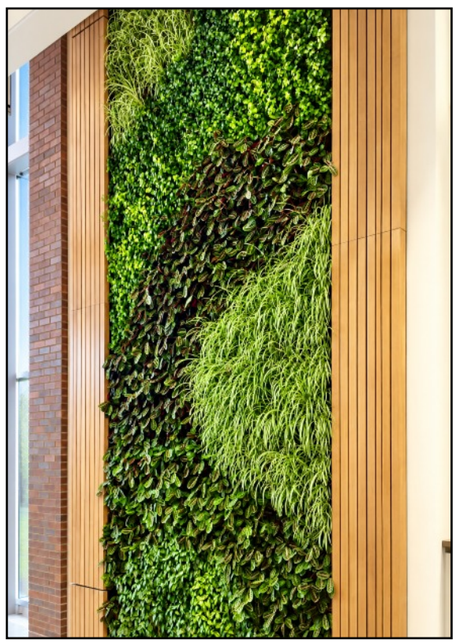
TRIM LESS FINISH



RECESSED



STAINLESS OR
POWDER COATED



WOOD
MILLWORK



CUSTOM

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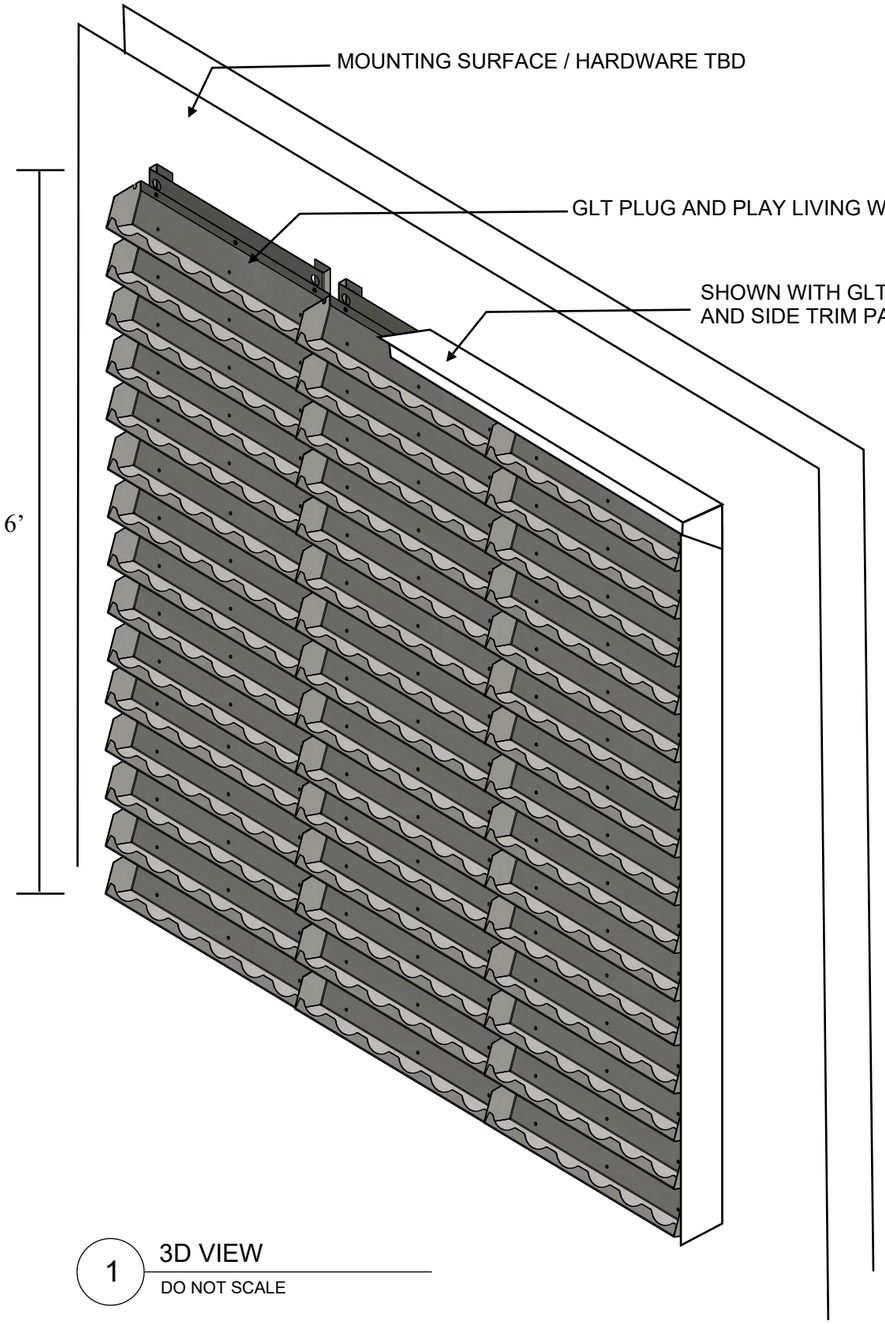
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DRAWING TITLE - PLUG AND PLAY EDGLESS PANELS

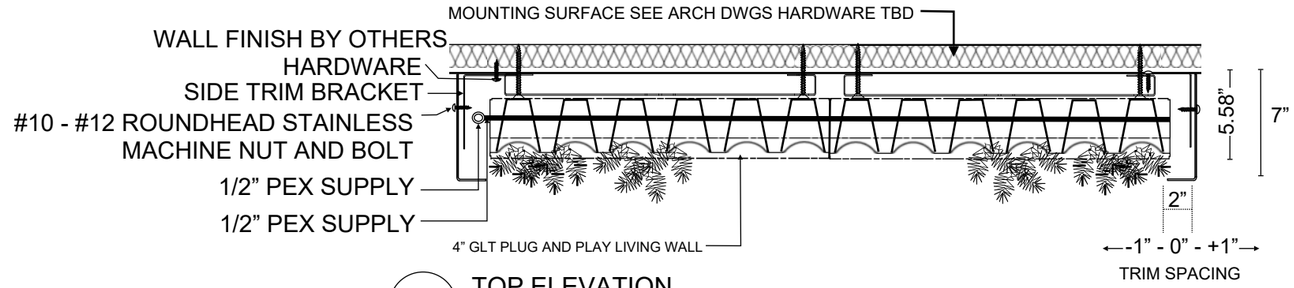
NOTES:

- Minimum lighting requirements must equal 150 foot candles through top, middle and bottom of the wall. 4300 K color temperature via metal halide, LED or Halogen pending plant application.
- Irrigation options vary and require a min. 8 psi supply.
- Potential GFI 15A 120 V pending irrigation set up. (Direct via potable water or reservoir tank. Back flow required as per code by others.
- Mounting surface TBD must accommodate 10 lbs/Sq Ft.

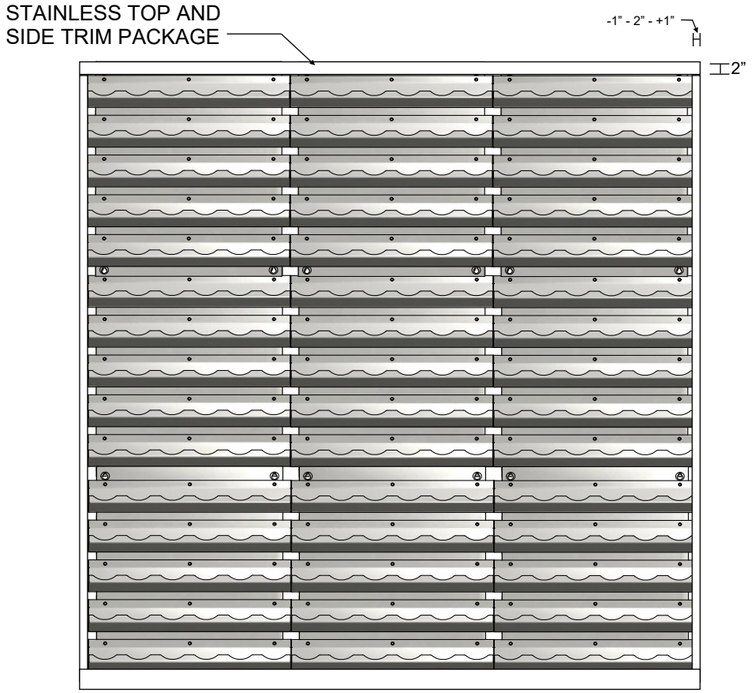
DO NOT SCALE



1 3D VIEW
DO NOT SCALE

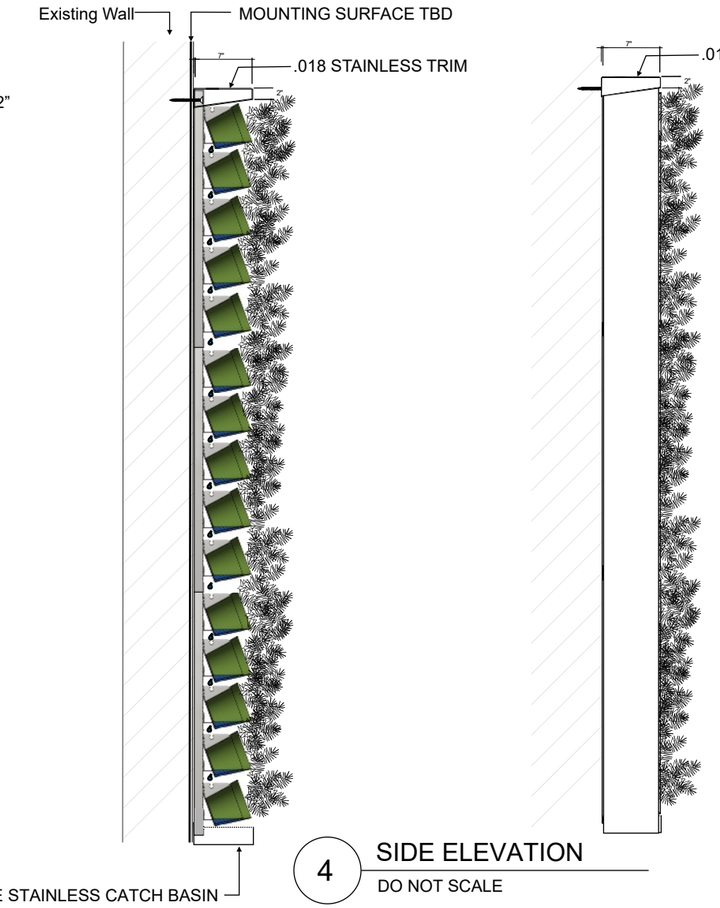


2 TOP ELEVATION
DO NOT SCALE



SHOWN WITH LOW PROFILE STAINLESS CATCH BASIN
OPTIONAL RESERVOIR RE CIRCULATING
SYSTEM AVAILABLE

3 FRONT ELEVATION
DO NOT SCALE



4 SIDE ELEVATION
DO NOT SCALE

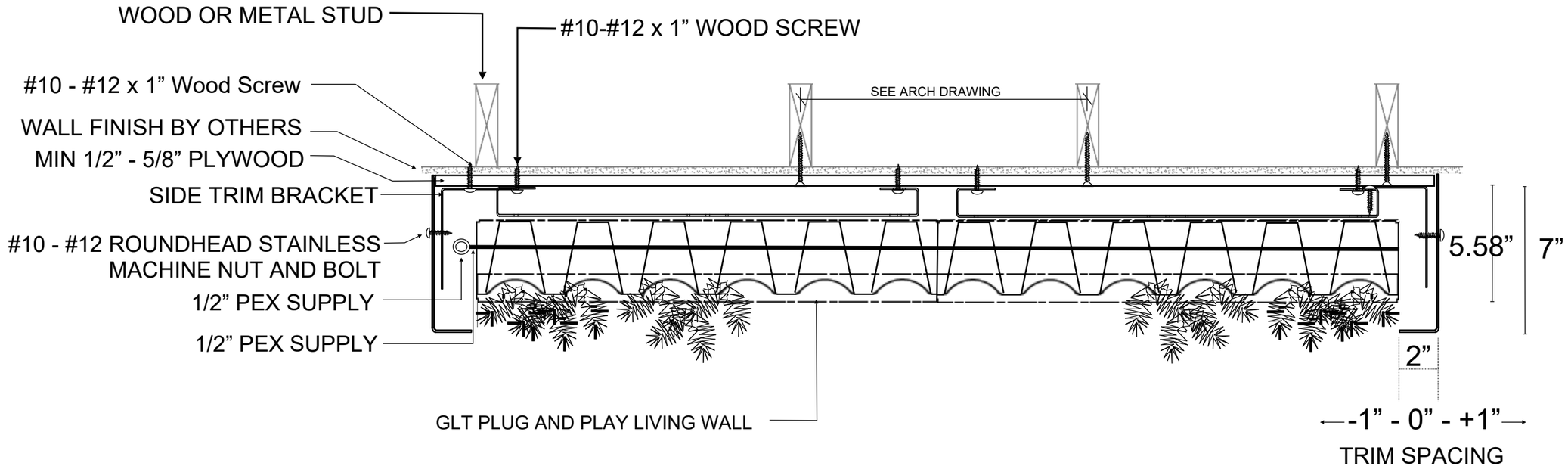
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DRAWING TITLE - GLT PLUG AND PLAY LIVING WALL
COMMON LAYOUT MOUNTING SURFACE TBD

NOTES:

DO NOT SCALE



5 TOP ELEVATION WOOD OR METAL STUD Plug and Play

DO NOT SCALE

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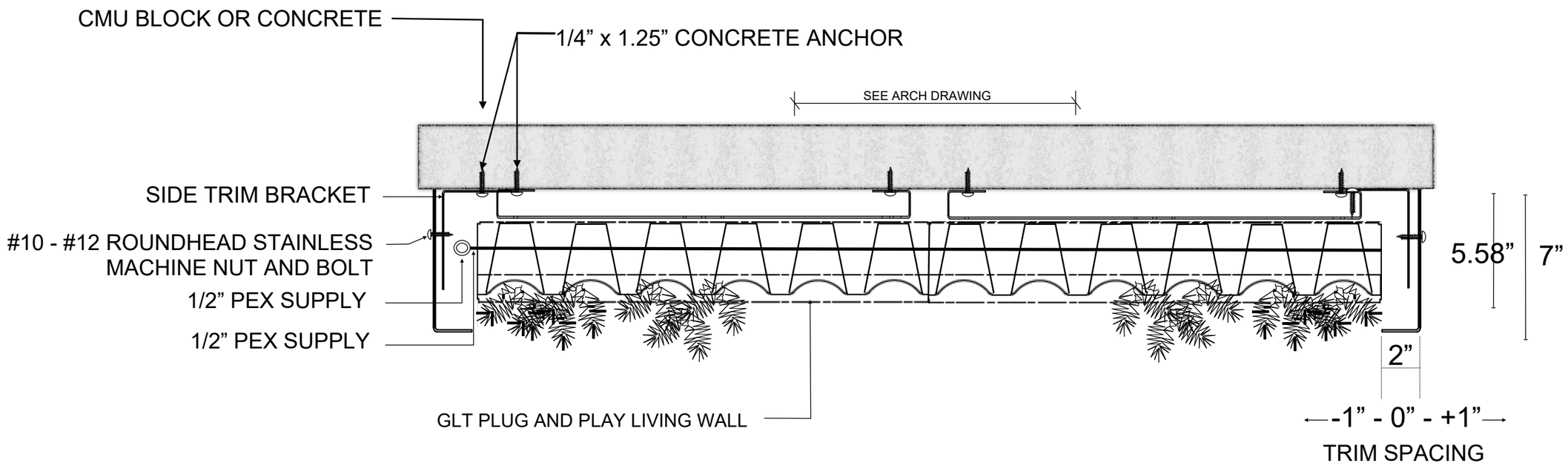
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DRAWING TITLE - **GLT PLUG AND PLAY LIVING WALL 1.2 STUD_ATTACHMENT**

NOTES:

- Minimum lighting requirements must equal 150 foot candles through top, middle and bottom of the wall, 4300 K color temperature via metal halide, LED or Halogen pending plant application.
- Irrigation options vary and require a min. 8 psi supply.
- Potential GFI 15A 120 V pending irrigation set up. (Direct via potable water or reservoir tank. Back flow required as per code by others.
- Mounting surface TBD must accommodate 10 lbs/Sq Ft.

DO NOT SCALE



6 TOP ELEVATION CMU BLOCK or CONCRETE Plug and Play

DO NOT SCALE

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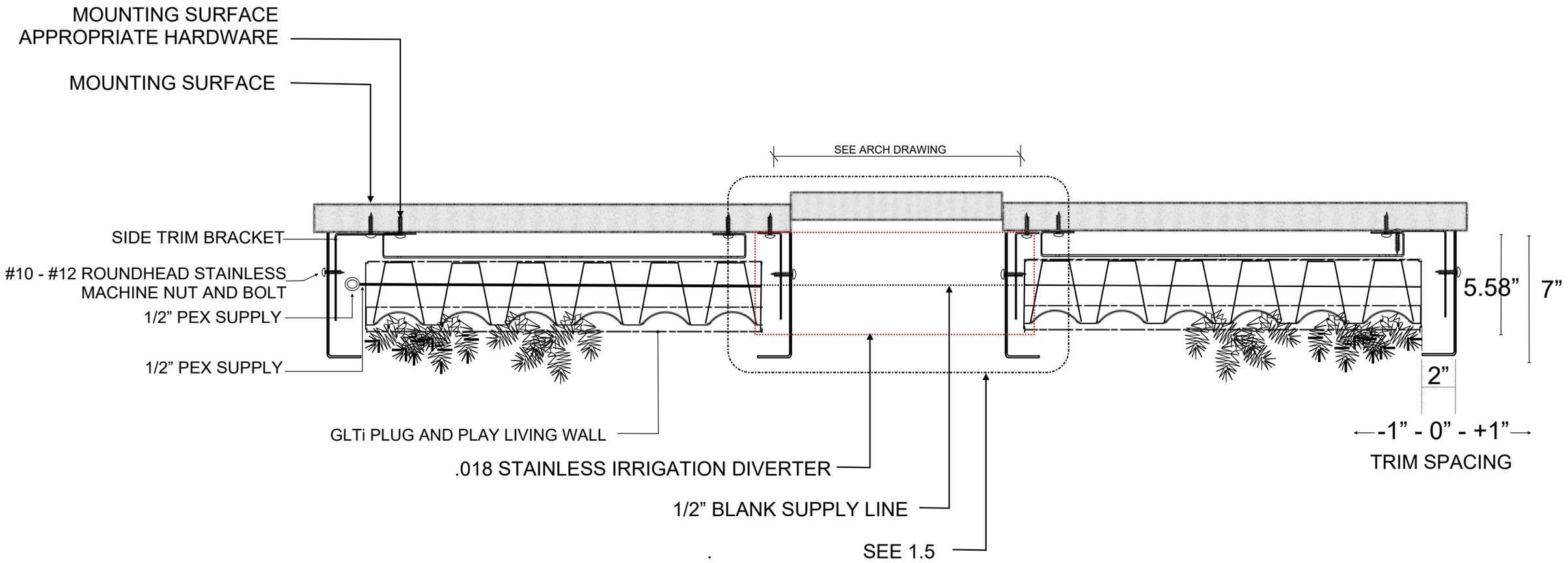
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DRAWING TITLE - **GLT PLUG AND PLAY LIVING WALL 1.3 CONCRETE ATTACHMENT**

NOTES:

- Minimum lighting requirements must equal 150 foot candles through top, middle and bottom of the wall, 4300 K color temperature via metal halide, LED or Halogen pending plant application.
- Irrigation options vary and require a min. 8 psi supply.
- Potential GFI 15A 120 V pending irrigation set up. (Direct via potable water or reservoir tank. Back flow required as per code by others.
- Mounting surface TBD must accommodate 10 lbs/Sq Ft.

DO NOT SCALE



7 TOP ELEVATION WINDOW AND DOOR TRANSITION Plug and Play

DO NOT SCALE

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DRAWING TITLE - **GLT PLUG AND PLAY LIVING WALL 1.4 WINDOW AND DOOR TRANSITION TOP ELEVATION**

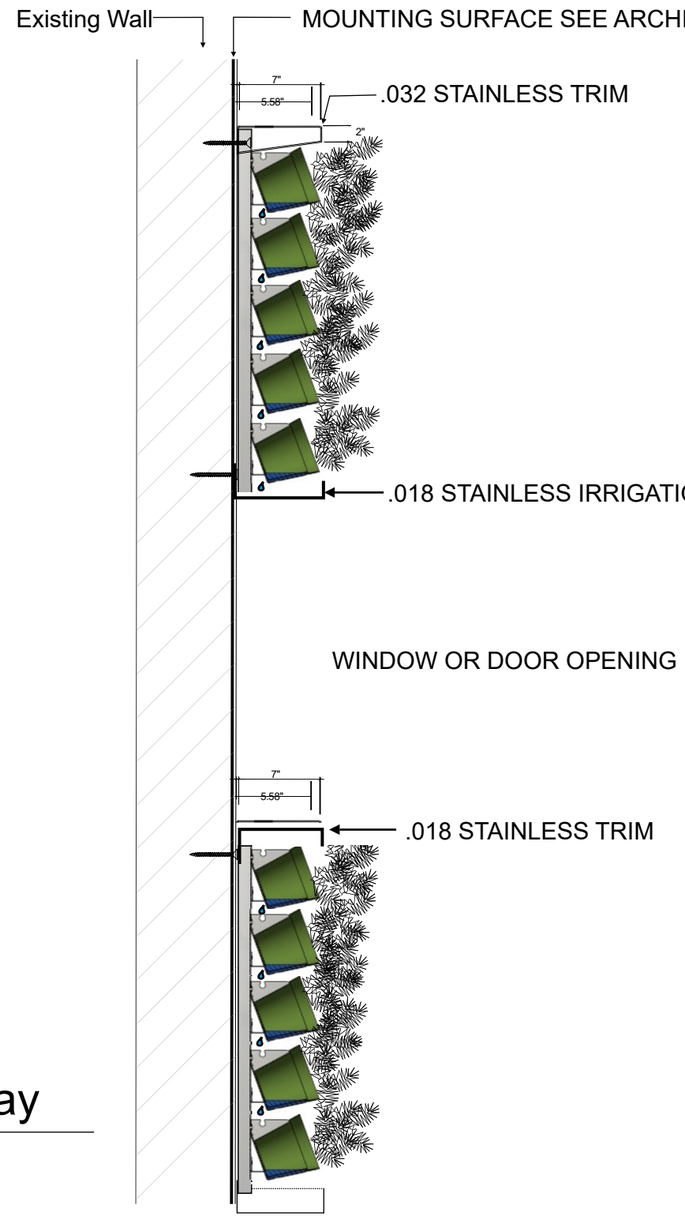
NOTES:

- Minimum lighting requirements must equal 150 foot candles through top, middle and bottom of the wall, 4300 K color temperature via metal halide, LED or Halogen pending plant application.
- Irrigation options vary and require a min. 8 psi supply.
- Potential GFI 15A 120 V pending irrigation set up. (Direct via potable water or reservoir tank. Back flow required as per code by others.
- Mounting surface TBD must accommodate 10 lbs/Sq Ft.

DO NOT SCALE







8

SIDE ELEVATION WINDOW AND DOOR TRANSITION Plug and Play

DO NOT SCALE

SHOWN WITH TOP DIVERTER AND TRIM PACKAGE. APPLICABLE FOR DIGITAL DISPLAYS

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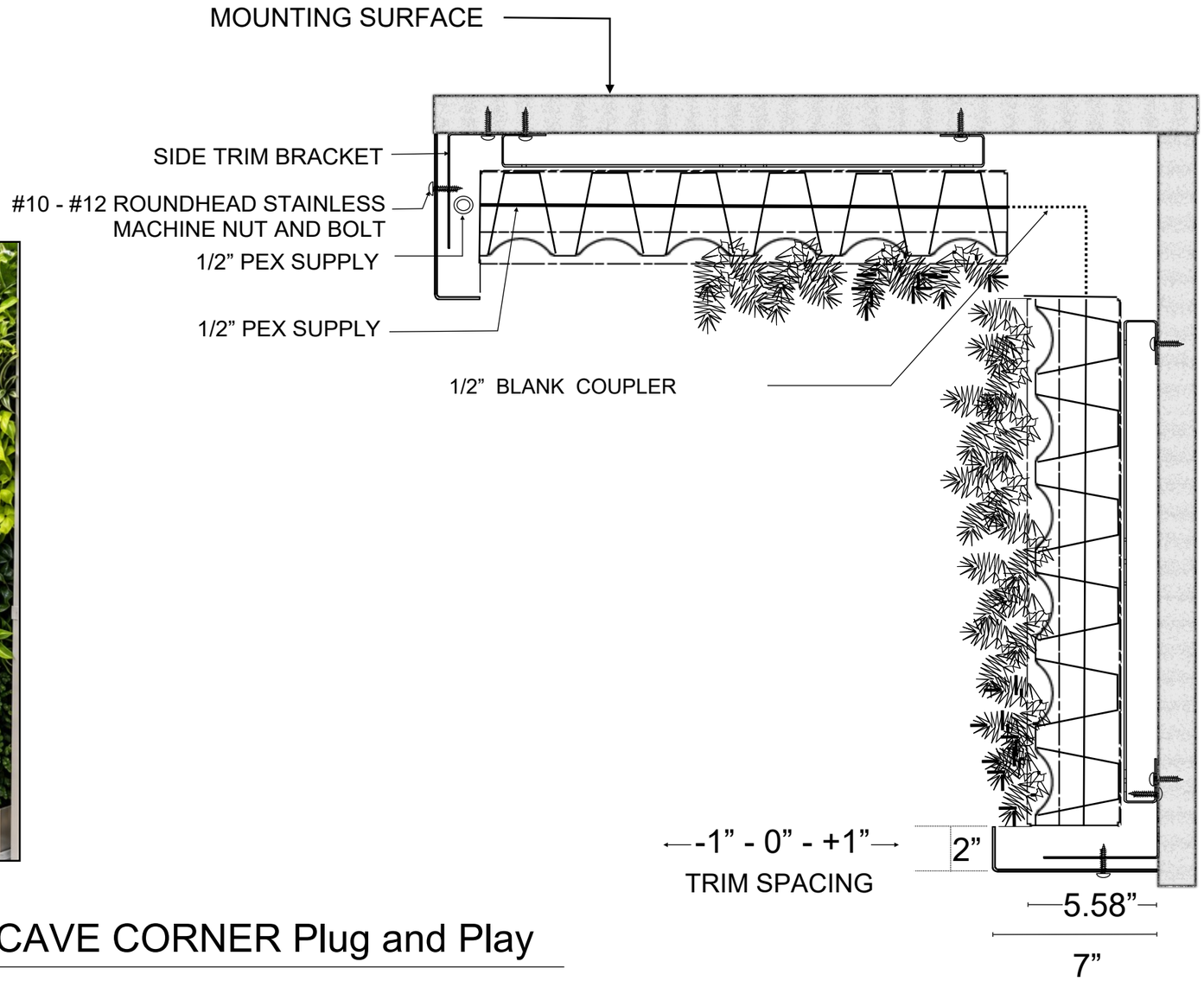
DRAWING TITLE - **GLT PLUG AND PLAY LIVING WALL 1.5 WINDOW AND DOOR TRANSITION SIDE ELEVATION**

NOTES:

- Minimum lighting requirements must equal 150 foot candles through top, middle and bottom of the wall, 4300 K color temperature via metal halide, LED or Halogen pending plant application.
- Irrigation options vary and require a min. 8 psi supply.
- Potential GFI 15A 120 V pending irrigation set up. (Direct via potable water or reservoir tank. Back flow required as per code by others.
- Mounting surface TBD must accommodate 10 lbs/Sq Ft.

DO NOT SCALE





9

TOP ELEVATION CONCAVE CORNER Plug and Play

DO NOT SCALE

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DRAWING TITLE - **GLT PLUG AND PLAY LIVING WALL CONCAVE CORNER**

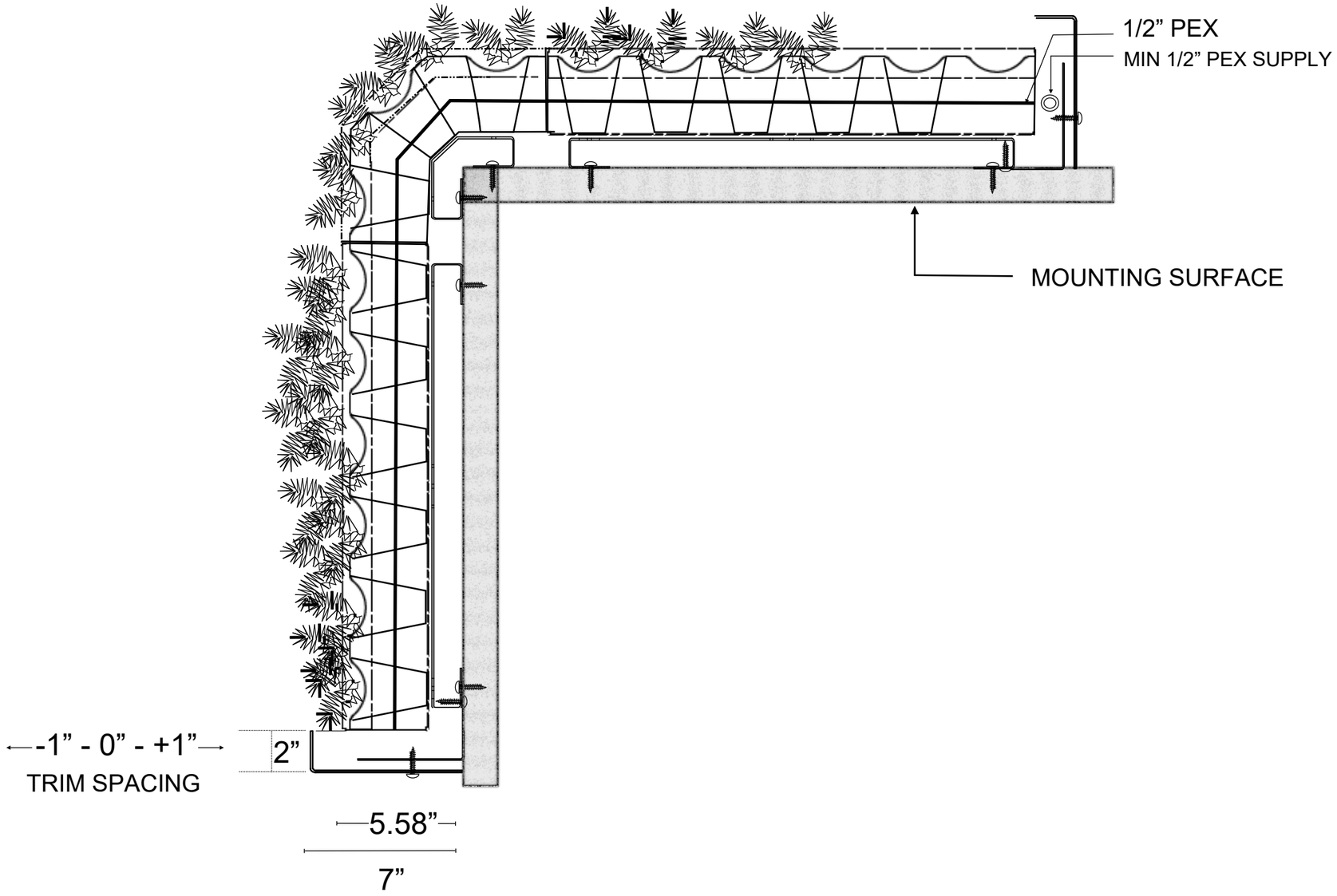
NOTES:

- Minimum lighting requirements must equal 150 foot candles through top, middle and bottom of the wall, 4300 K color temperature via metal halide, LED or Halogen pending plant application.
- Irrigation options vary and require a min. 8 psi supply.
- Potential GFI 15A 120 V pending irrigation set up. (Direct via potable water or reservoir tank. Back flow required as per code by others.
- Mounting surface TBD must accommodate 10 lbs/Sq Ft.

DO NOT SCALE







10 TOP ELEVATION CONVEX CORNER Plug and Play

DO NOT SCALE

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DRAWING TITLE - **GLT PLUG AND PLAY LIVING WALL CONVEX CORNER**

NOTES:

- Minimum lighting requirements must equal 150 foot candles through top, middle and bottom of the wall, 4300 K color temperature via metal halide, LED or Halogen pending plant application.
- Irrigation options vary and require a min. 8 psi supply.
- Potential GFI 15A 120 V pending irrigation set up. (Direct via potable water or reservoir tank. Back flow required as per code by others.
- Mounting surface TBD must accommodate 10 lbs/Sq Ft.

DO NOT SCALE

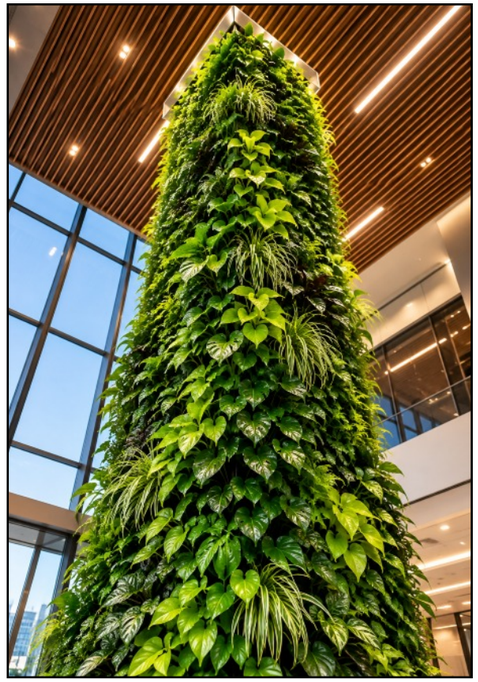


FREESTANDING

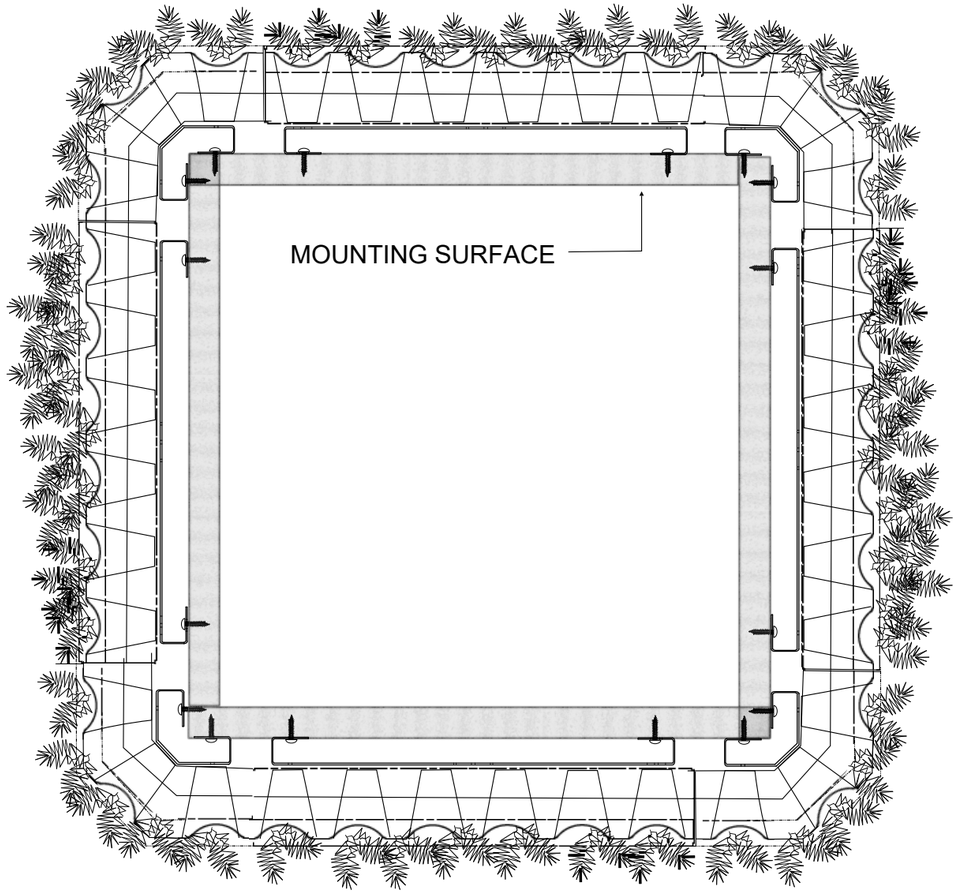
*UP TO 12’ WITHOUT FLOOR ANCHORS



COLUMN MOUNTED



FLOOR TO CEILING MOUNT



11

TOP ELEVATION COLUMNS Plug and Play

DO NOT SCALE

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DRAWING TITLE - **GLT PLUG AND PLAY LIVING WALL 1.5 WINDOW AND DOOR TRANSITION TOP ELEVATION**

NOTES:

- Minimum lighting requirements must equal 150 foot candles through top, middle and bottom of the wall, 4300 K color temperature via metal halide, LED or Halogen pending plant application.
- Irrigation options vary and require a min. 8 psi supply.
- Potential GFI 15A 120 V pending irrigation set up. (Direct via potable water or reservoir tank. Back flow required as per code by others.
- Mounting surface TBD must accommodate 10 lbs/Sq Ft.

DO NOT SCALE

IRRIGATION:

The GLT Plug and Play has ***three*** irrigation options pending the current or future build out.

1. Automated

2. Manual On/Off

3. Manual or Drip Pan*Usually reserved for freestanding

The Plug and Play living wall is calculated to avoid waste water. Each row for all size configurations are mathematically calculated to use only the needed water amount. Any waste is minimal and usually human error.

Contact GLT or a GLT ProStaff member to help choose and design the irrigation system that best suits your project and future maintenance needs.

The GLT technique is to utilize only the exact amount of water required.

GLT does not recycling water from a reservoir. Re circulating water spreads disease, pathogens and algae.

The way to insure preventative measures is to use clean fresh water for each irrigation cycle.

1 AUTOMATED IRRIGATION:

Automated irrigation consists of a zone valve assembly complete with 220 mesh filters.

The Plug and Play Living Wall irrigation is designed around the size of the wall, the number of rows and plant count per row.

Each project is designed specific to the application.

Because the irrigation uses electronic zone valves it is highly suggested a drain is installed as part of the catch basin assembly. (See drain detail) In the event there is a zone failure there is no risk of over flow.

Each automated irrigation system is fitted with a controller that feeds back to our smart phones, home office and other smart devices. Allowing the Pro Staff maintenance technician to control and monitor the irrigation system from any where in the world.

Construction of the irrigation consists of a 1” min supply provided by others. The Pro Staff installer will use 1/2” Pex A as supply lines connected to 1/2” Pex A supply lines to each emitter.

2 MANUAL ON/OFF IRRIGATION:

Manual On / Off irrigation systems consist of all the plumbing, pex A, drip lines etc. except there is no zone valve assembly and no drain. This is void of any automation.

This system is turned on and off manually by a GLT Pro Staff technician during the time of maintenance visit. The system will deliver irrigation water through the designated drip lines and once fully irrigated the system is manually turned of via a gate valve. Because there is no threat of a valve failure there is no emergency floor drain suggested.

3 MANUAL FILL DRIP PAN IRRIGATION:

Usually reserved for freestanding and smaller Plug and Play Living Walls where budget restrictions or location prevent plumbing lines, the living wall is fitted with a stainless steel drip pan. The drip pan is designed to be manually filled with the calculated amount of water and through the holes in the bottom of the pan water will percolate from the top of the wall to the bottom at a specific rate to insure even distribution.

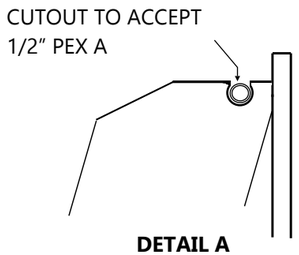
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DRAWING TITLE - IRRIGATION EXPLAINED

NOTES:

DO NOT SCALE

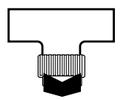


DETAIL A



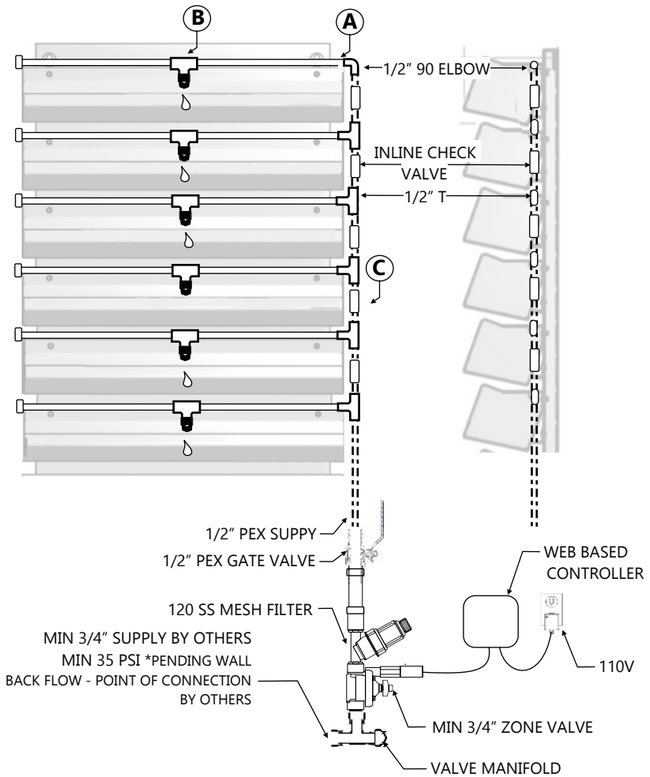
PRESSURE COMPENSATING EMITTER
THE GPH IS DETERMINED ON THE NUMBER OF POTS PER ROW.

BECAUSE THE EMITTER IS EASILY UNSCREWED REPLACING A CLOGGED EMITTER TAKES LESS THAN 30 SECONDS.



DETAIL B

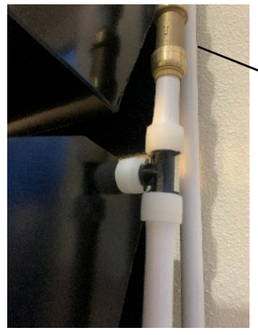




Notes:

- INSTALLER TO COORDINATE THE POINT OF CONNECTION WITH PLUMBER AND GENERAL CONTRACTOR
- INSTALLER TO CALCULATE ZONES AND EMITTERS PENDING SIZE OF THE WALL

DETAIL C





1/2" X 1/2" IN LINE CHECK VALVE
CHECK VALVE FOR EACH ROW

THIS WILL PREVENT WATER SIPHONING FROM THE TOP TO THE BOTTOM RETAINING EVEN WATERING FROM THE TOP TO THE BOTTOM OF THE WALL.

IRRIGATION PANEL DISTRIBUTION Plug and Play

DO NOT SCALE

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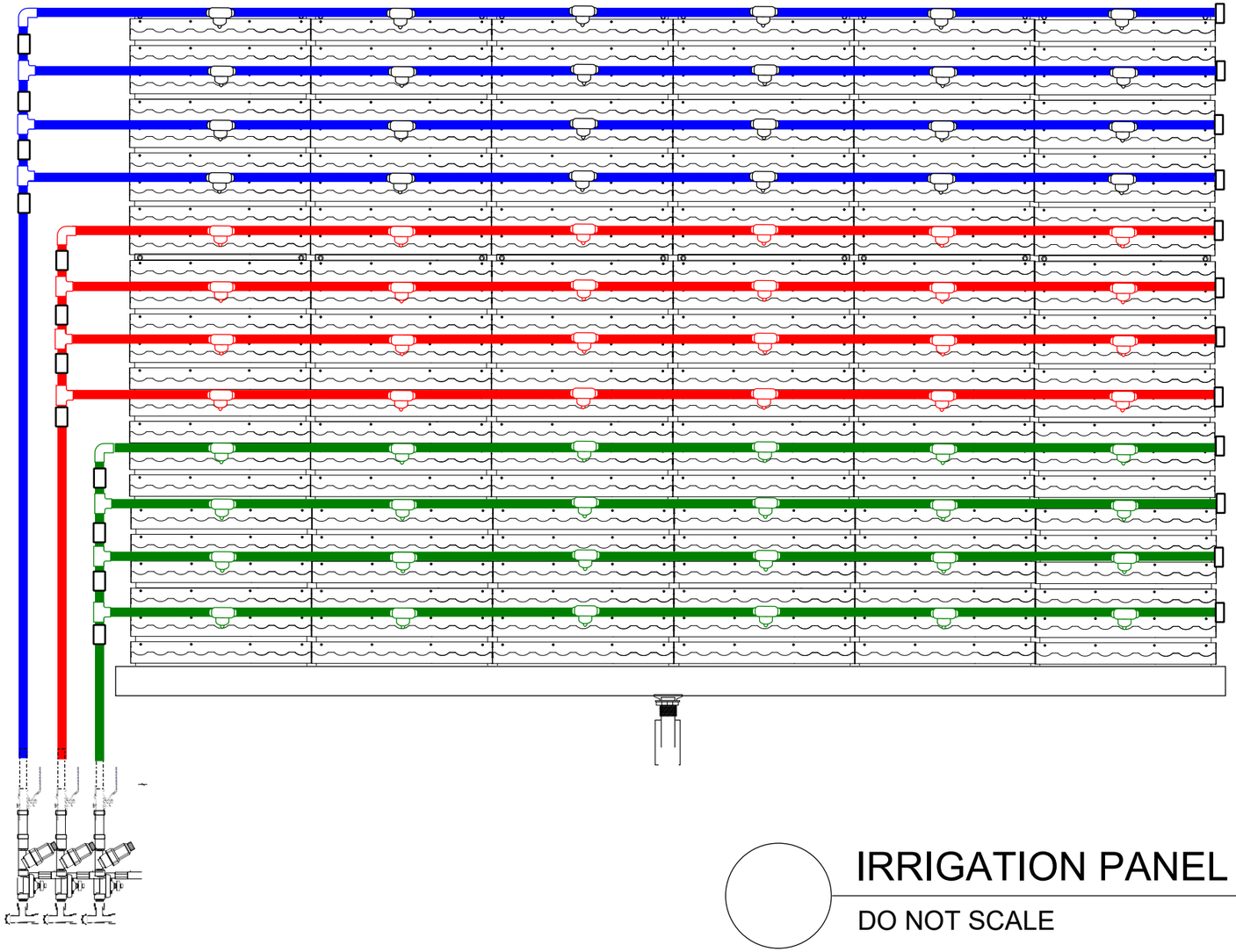
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DRAWING TITLE - IRRIGATION DETAIL

NOTES:

DO NOT SCALE





IRRIGATION PANEL DISTRIBUTION Plug and Play

DO NOT SCALE

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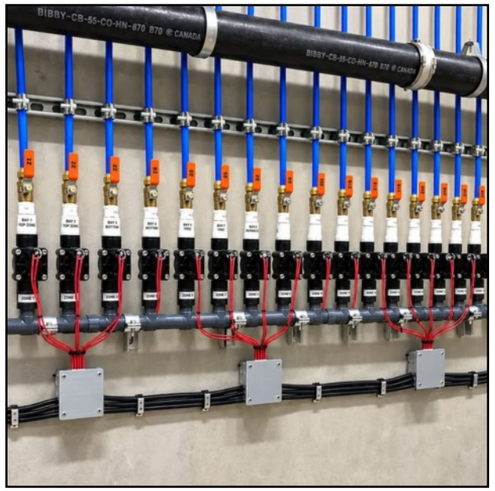
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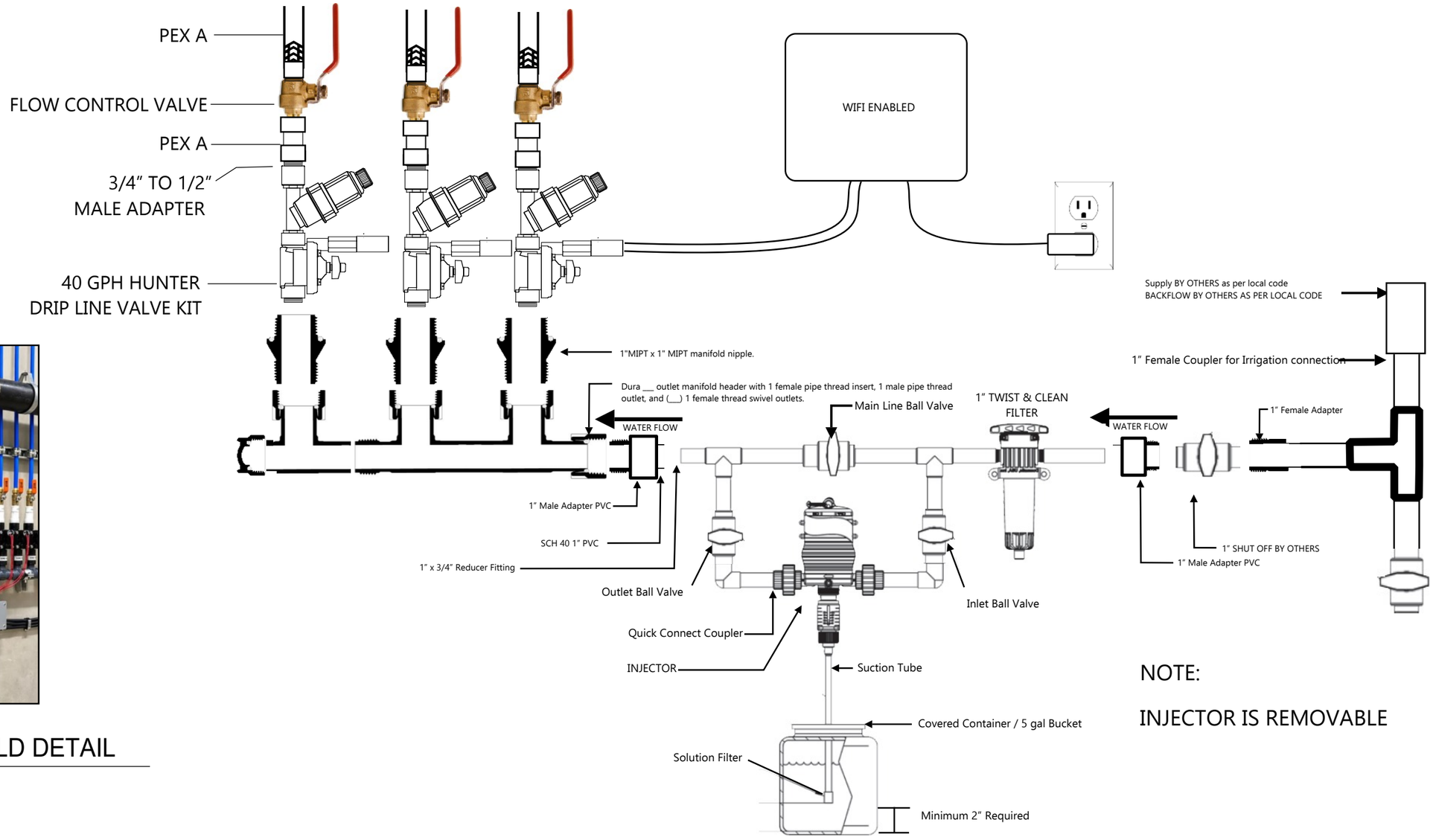
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DRAWING TITLE - 3 ZONE AUTOMATED IRRIGATION - DRAIN TO WASTE

NOTES:

DO NOT SCALE





NOTE:

INJECTOR IS REMOVABLE

IRRIGATION MANIFOLD DETAIL

DO NOT SCALE

ADVANCED IRRIGATION APPLICATION WITH INLINE FERTILIZER INJECTION

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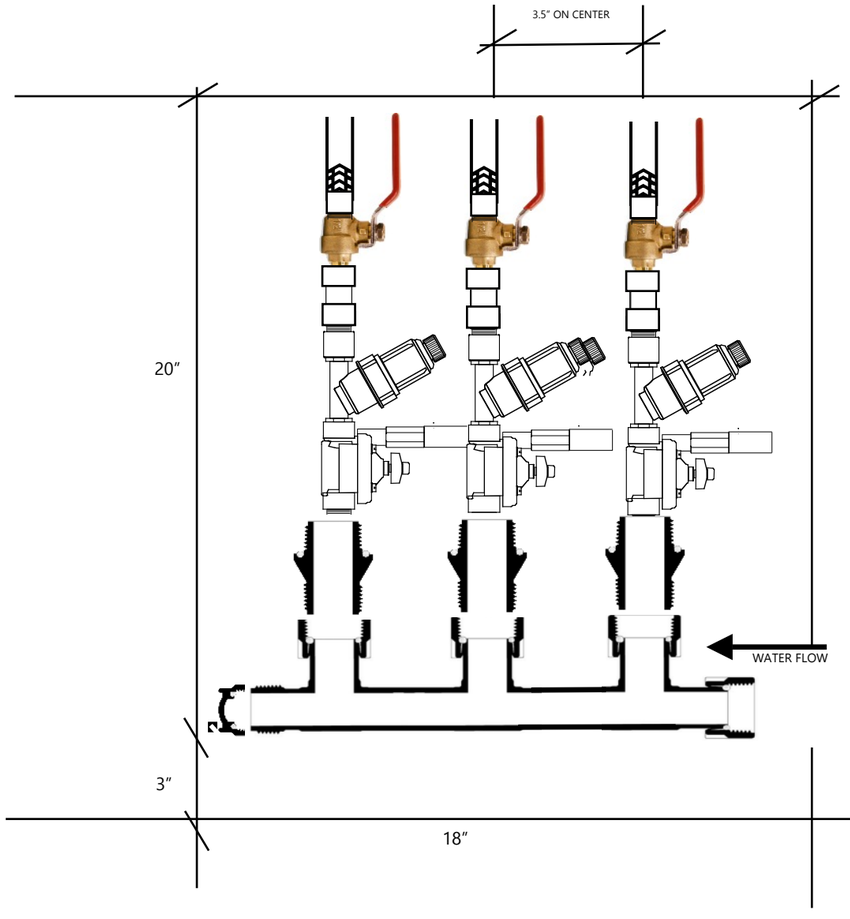
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DRAWING TITLE - 3 ZONE IRRIGATION MANIFOLD

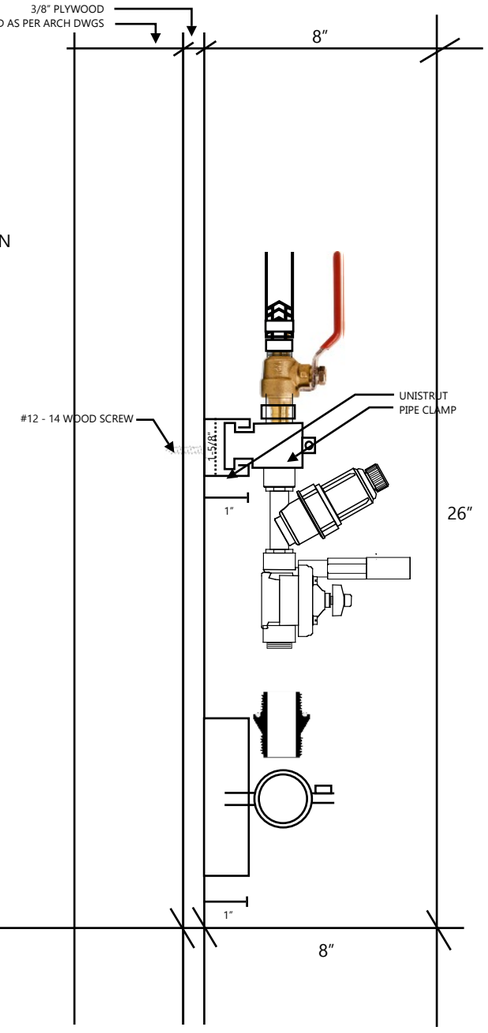
NOTES:

DO NOT SCALE



IRRIGATION MANIFOLD FRONT DIMENSIONS
REFERENCE PAGE 5 OF 6 FOR SHOP DRAWINGS

POINT OF CONNECTION
ROUGH IN BY OTHERS



IRRIGATION MANIFOLD SIDE DIMENSIONS

NOTE: FACE SOLENOID TO THE FRONT
AS PER SIDE ELEVATION SHOWN HERE

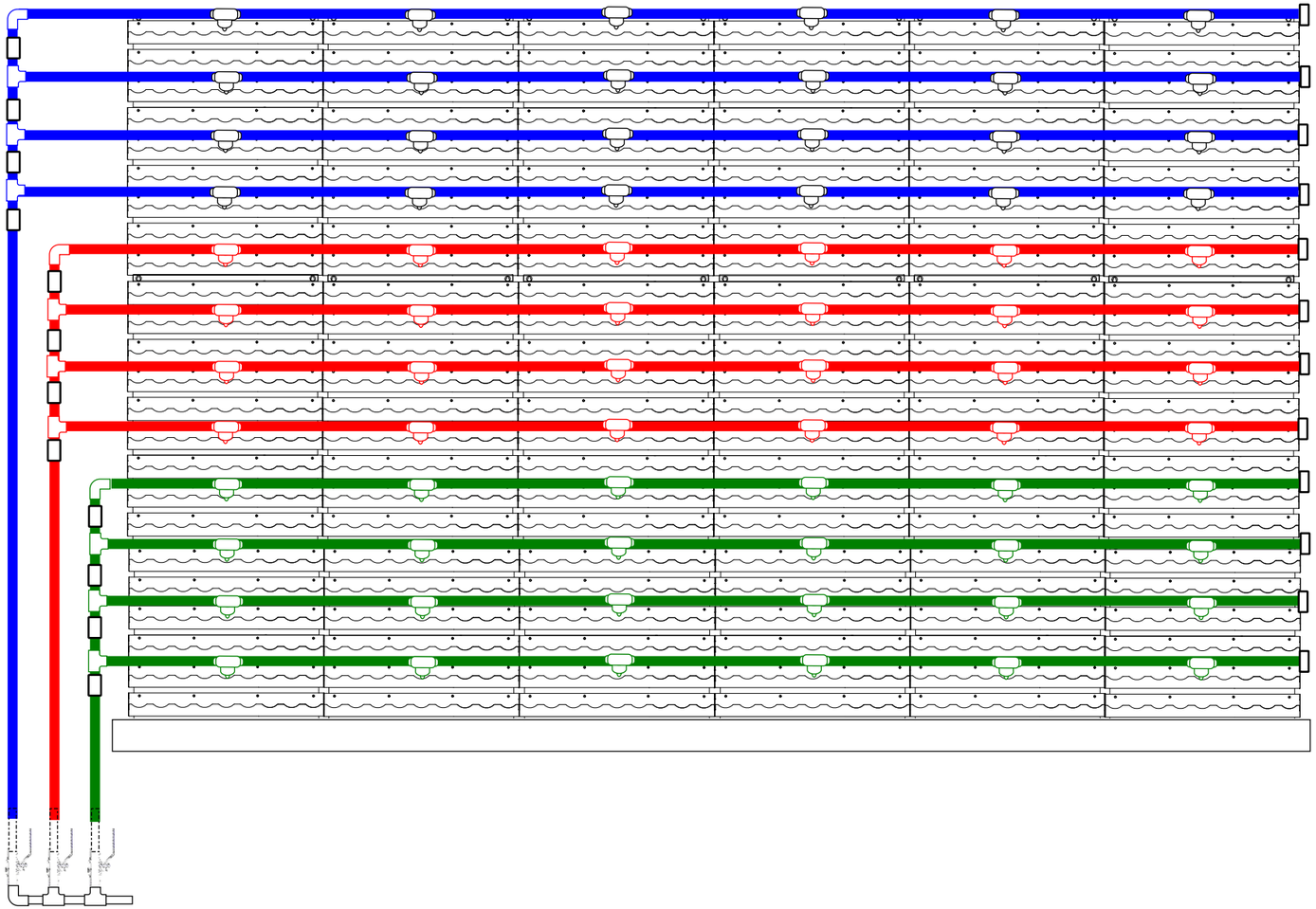
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DRAWING TITLE - 3 ZONE IRRIGATION MANIFOLD DIMENSIONS

NOTES:

DO NOT SCALE

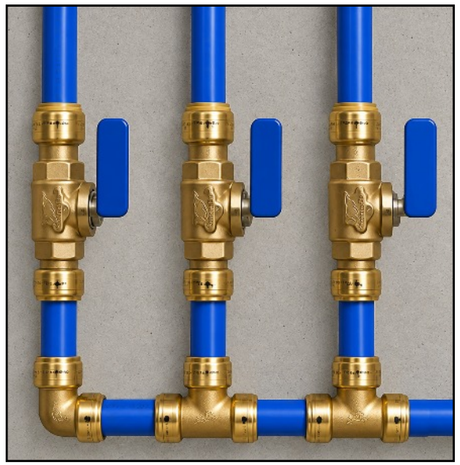


NOTES:

Manual On / Off irrigation systems consist of all the plumbing, pex, drip lines etc. except there is no zone valve assembly and no drain.

This system is turned on and off manually by a GLT Pro Staff technician during the time of maintenance visit. The system will deliver irrigation water through the designated drip lines and once fully irrigated the system is manually turned of via a gate valve. Because there is no threat of a valve failure there is no emergency floor drain.

The gate valves can also be housed inside the catch basin.



MANUAL ON/OFF

DO NOT SCALE

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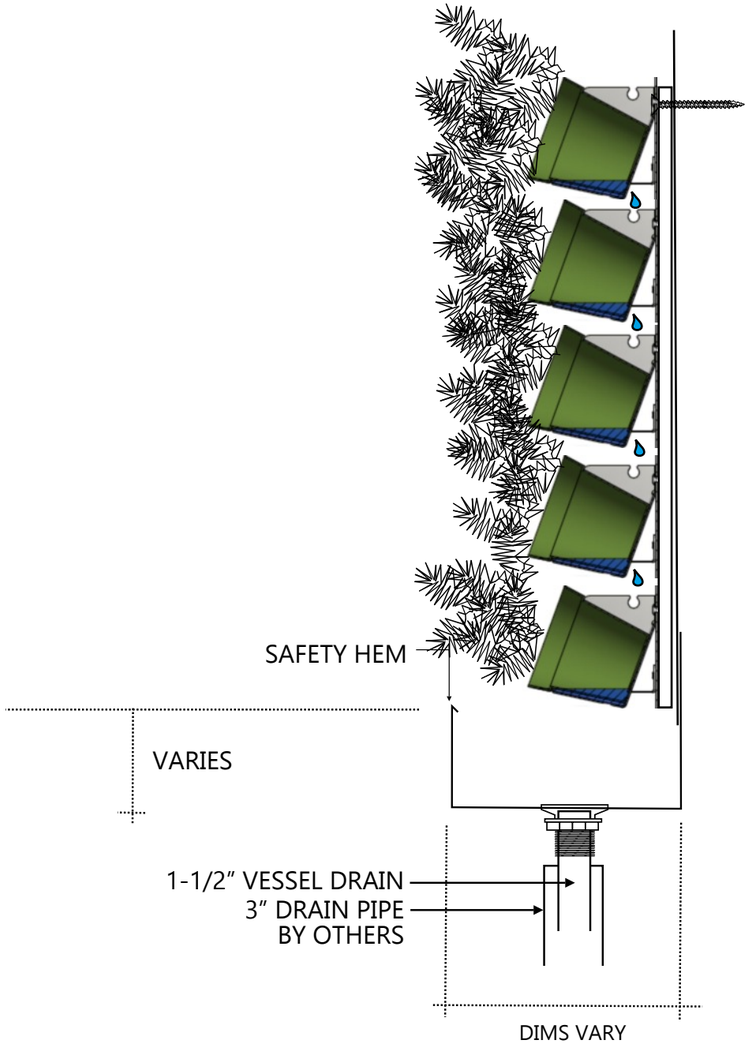
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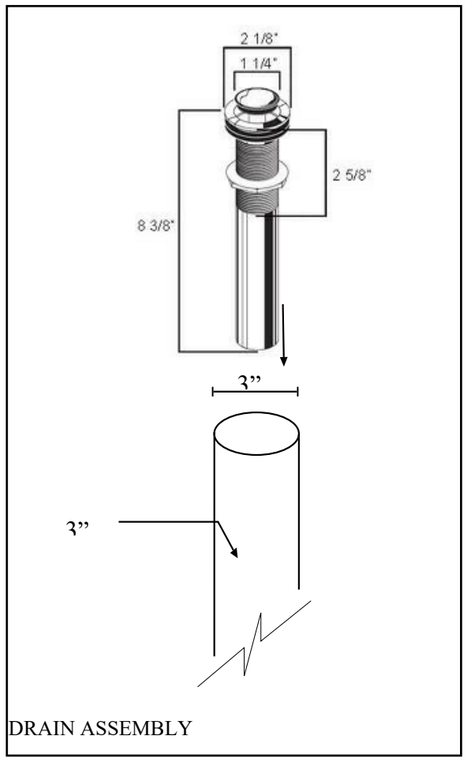
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DRAWING TITLE - MANUAL ON / OFF IRRIGATION

NOTES:

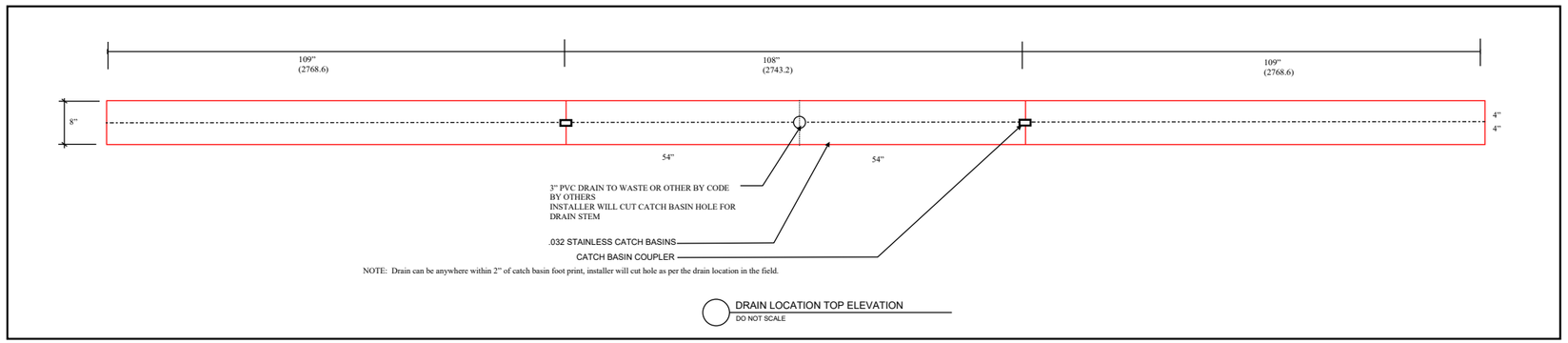
DO NOT SCALE





DRAIN ASSEMBLY

Grate style sink drain complete with valve stem.
Installer cut the stainless catch basin to match the specified location for the sink drain.
The valve of the sink drain will be inserted into the 3" diameter waste drain pipe.



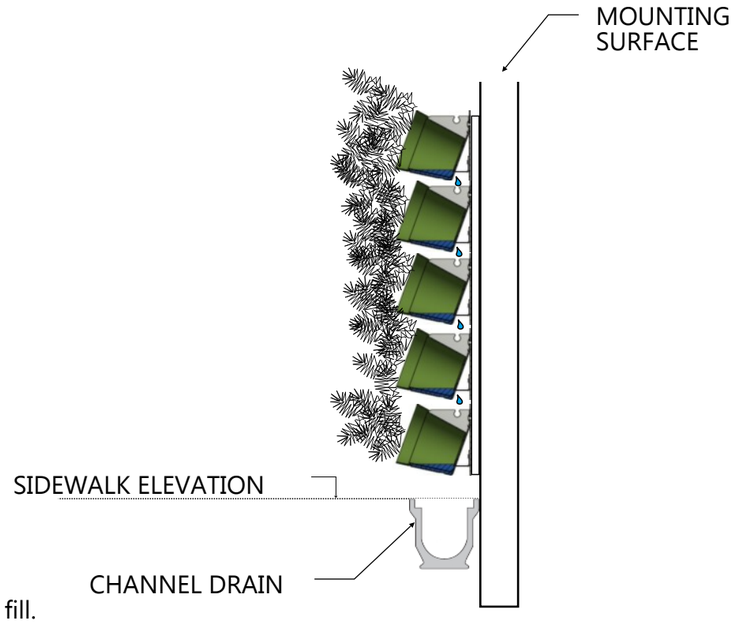
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DRAWING TITLE - INTERIOR FLOOR DRAIN

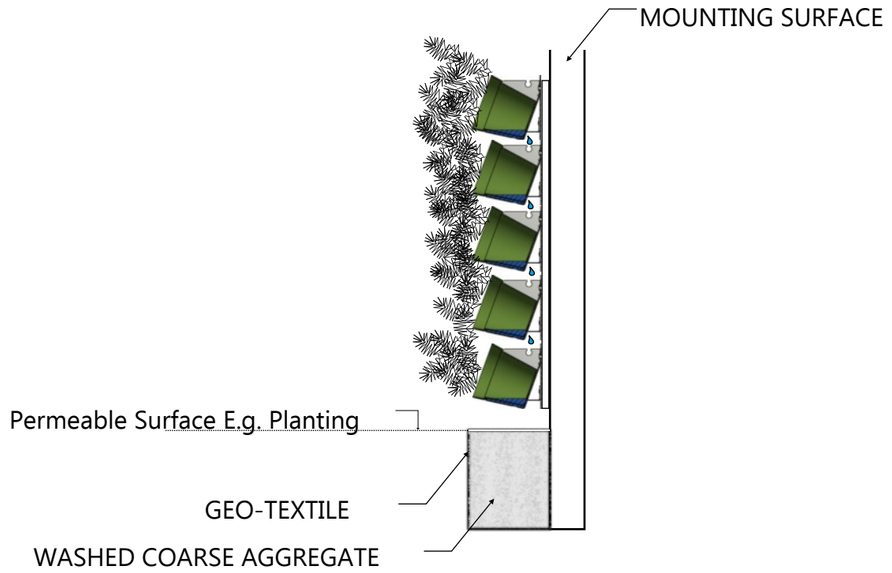
NOTES:

DO NOT SCALE



Channel style grate drain, optional top grate or stone fill. Primary use for exterior drainage in sidewalk or other surface.

CHANNEL DRAIN
DO NOT SCALE



Dry stone bed for permeable surface or planting bed area or green roof.

DRY STONE BED DRAIN
DO NOT SCALE

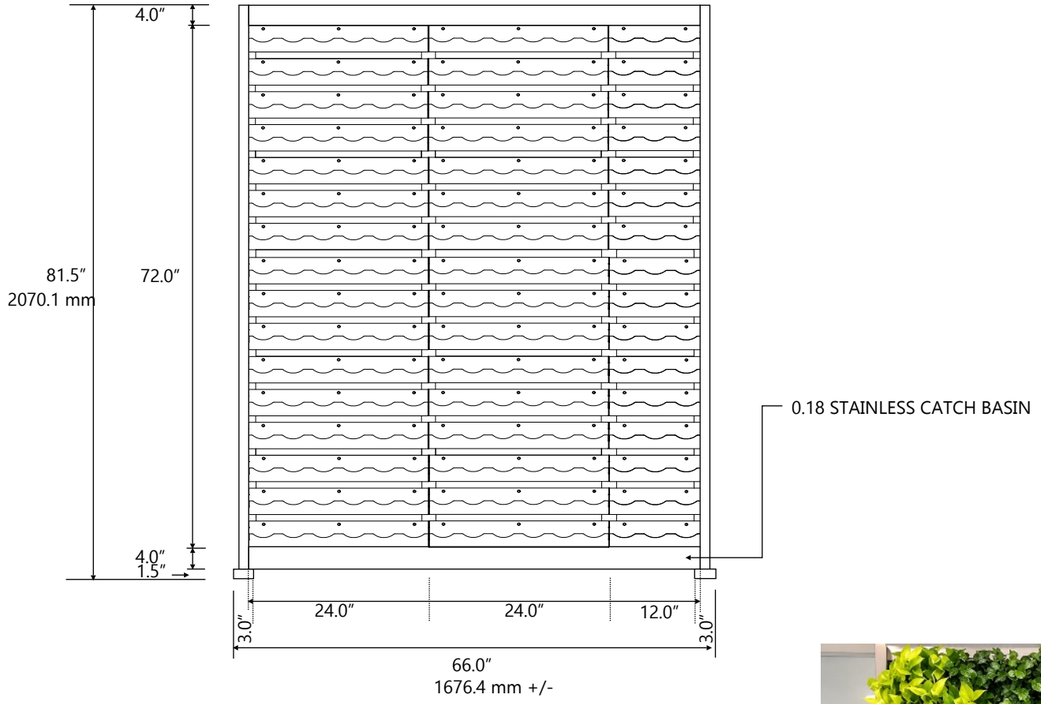
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DRAWING TITLE - EXTERIOR DRAIN OPTIONS

NOTES:

DO NOT SCALE



SHOWN WITH LOW PROFILE STAINLESS CATCH BASIN

Plants = 240 - 4″ Standard Industry Pots (101 mm pots)

1 FRONT ELEVATION 5 x 6 FREESTANDING

DO NOT SCALE

GLT Freestanding Plug and Play Living Wall Systems

Living Infrastructure Without the Limitations of a Wall

Green Living Tech, LLC (GLT) manufactures custom freestanding Plug and Play living wall systems that bring the beauty and benefits of living plants into spaces where traditional wall-mounted installations may not be practical or desired.

Each system is designed and manufactured to meet the client's specific dimensions, configuration, and architectural requirements. Built around GLT's durable Plug and Play technology, these self-supporting structures can be configured as single-sided or double-sided living walls, providing flexibility for a wide variety of interior applications.

Optional integrated caster wheels allow the systems to be repositioned as needed, making them particularly valuable in environments where flexibility and mobility are essential.

- Architectural Space Dividers: Create natural partitions between workspaces, seating areas, and public environments.

- Corporate Branding & Events: Incorporate living greenery into branded displays, step-and-repeat backdrops, photography opportunities, and special events.

- Hospitality & Commercial Interiors: Introduce living architectural features into hotel lobbies, restaurants, offices, conference centers, and retail environments.

- Flexible Interior Design: Define spaces and introduce greenery without permanently attaching a living wall to the building structure.

Whether designed as a permanent architectural feature or a movable installation, GLT Freestanding Plug and Play systems combine custom engineering, durable construction, and living vegetation into one adaptable solution.

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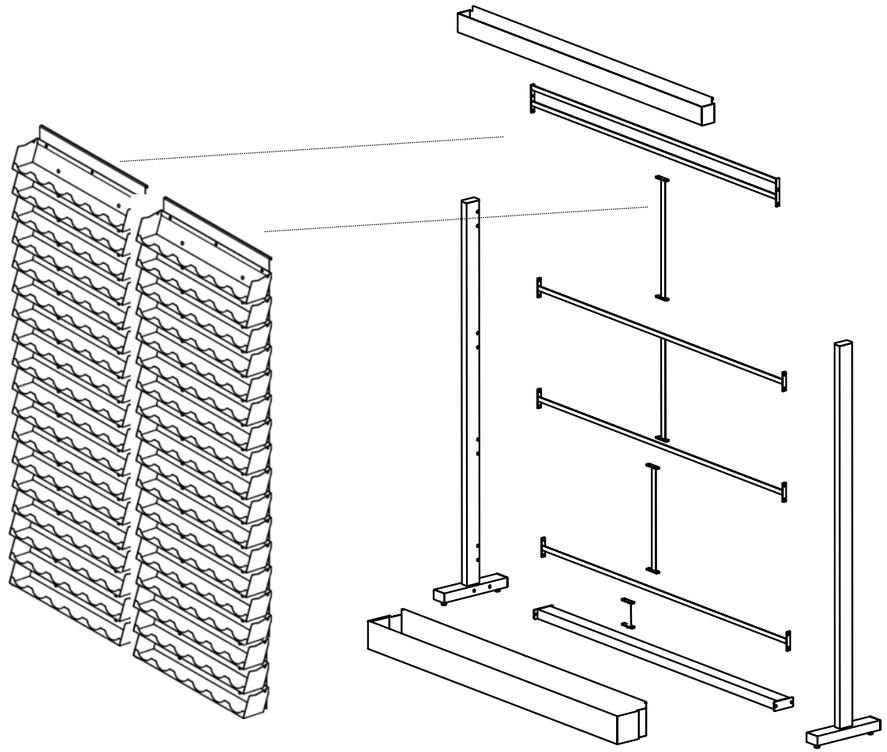
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DRAWING TITLE - FREESTANDING

NOTES:

Available in 4″, 6″, 8″

DO NOT SCALE



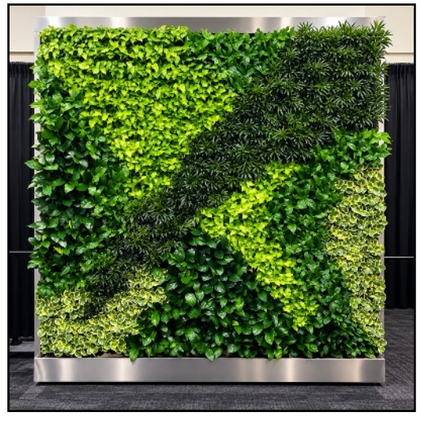












GLT FREESTANDING PLUG AND PLAY

CUSTOM MANUFACTURED | VERSATILE CONFIGURATIONS | MADE TO ORDER

Features

Minimal assembly required
No electricity, reservoir, or pump required for manual watering
Available in 4-inch, 6-inch, and 1-gallon planting configurations
Custom sizes and connected modular configurations
Optional wheels for easy mobility

Specifications & Applications

Flexible Planting: Accepts standard nursery pots for tropical plants, herbs, leafy greens, seasonal flowers, and edible crops.

Vertical Farming: Ideal for compact vertical agriculture, including herbs, leafy greens, and specialty crops in commercial, educational, and research environments.

Durable Construction: Manufactured using recycled aluminum and stainless steel components for long-lasting interior and exterior applications.

Seasonal Displays: Easily exchange plants for holiday installations, promotional displays, and seasonal arrangements.

Versatile Applications: Perfect for offices, classrooms, hospitality, retail, corporate branding, special events, space dividers, and vertical farming.

Custom Configurations: Freestanding systems can be manufactured in various dimensions and connected to create larger living wall installations.

CUSTOM SIZES AVAILABLE — JUST ADD PLANTS!

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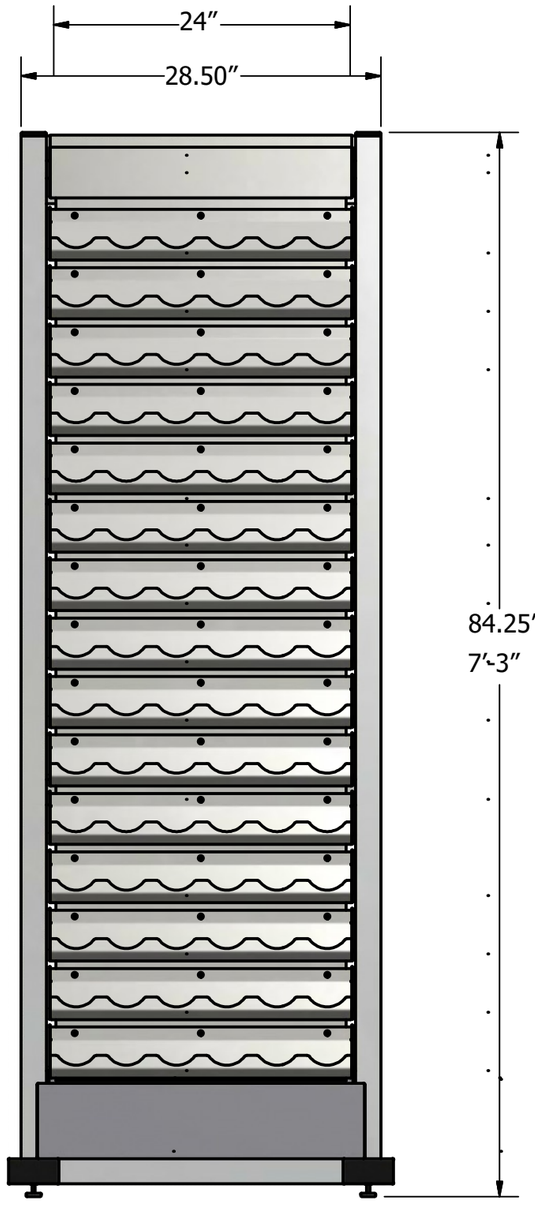
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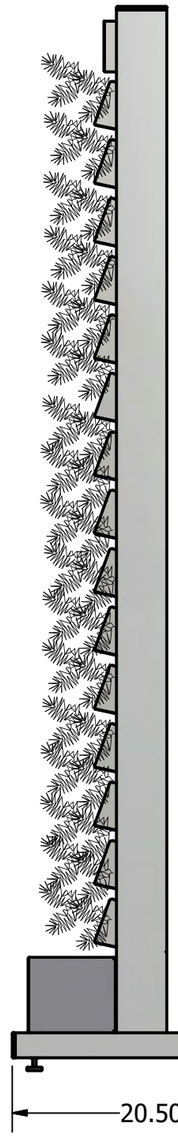
DRAWING TITLE - FREESTANDING GLT PLUG AND PLAY LIVING WALL

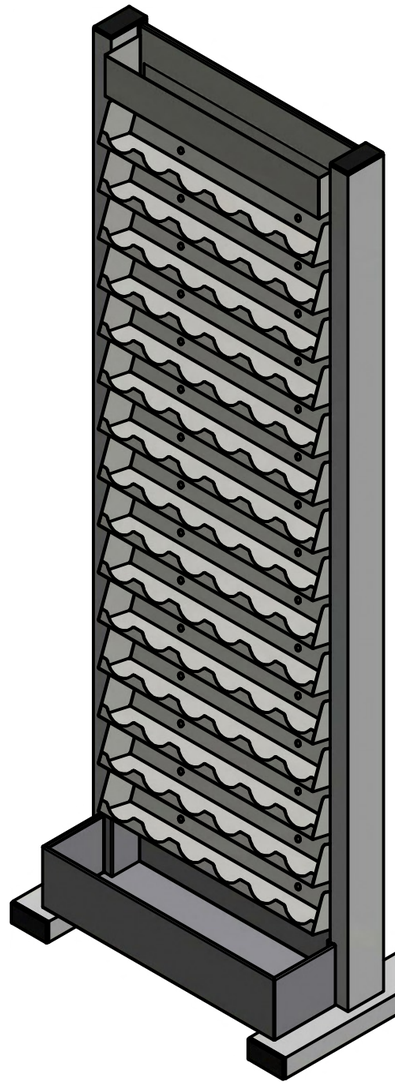
NOTES:

- Available in 4”, 6”, 1 Gallon

DO NOT SCALE









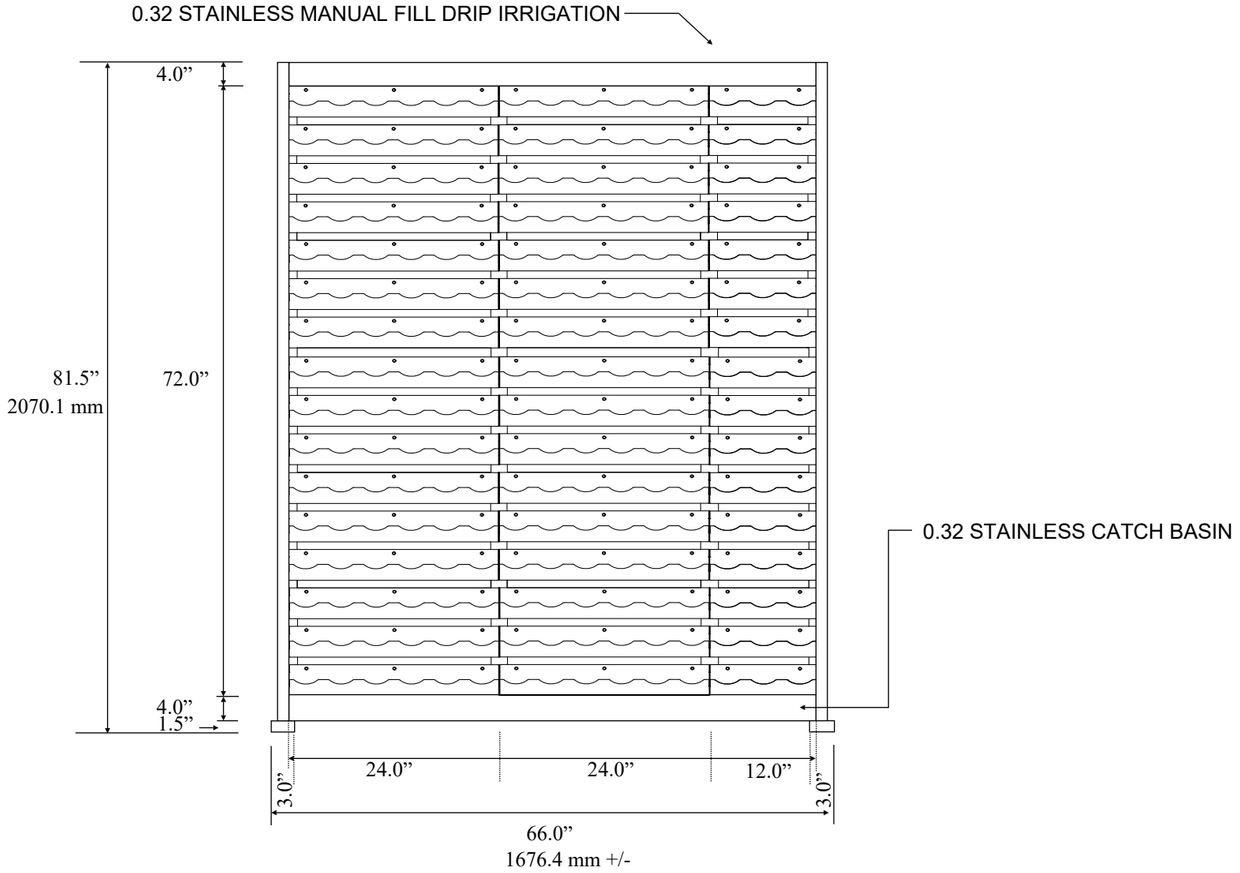
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DRAWING TITLE - FREESTANDING GLT PLUG AND PLAY LIVING WALL UNIT 90 PLANTS - 4″ Pots

NOTES:

- Available in 4″, 6″, 8″

DO NOT SCALE





SHOWN WITH LOW PROFILE STAINLESS CATCH BASIN

Plants = 240 - 4” Standard Industry Pots (101 mm pots)

Maximum Water Consumption = 5 gallons per 10-14 days

1 FRONT ELEVATION 5x6 FREESTANDING

DO NOT SCALE

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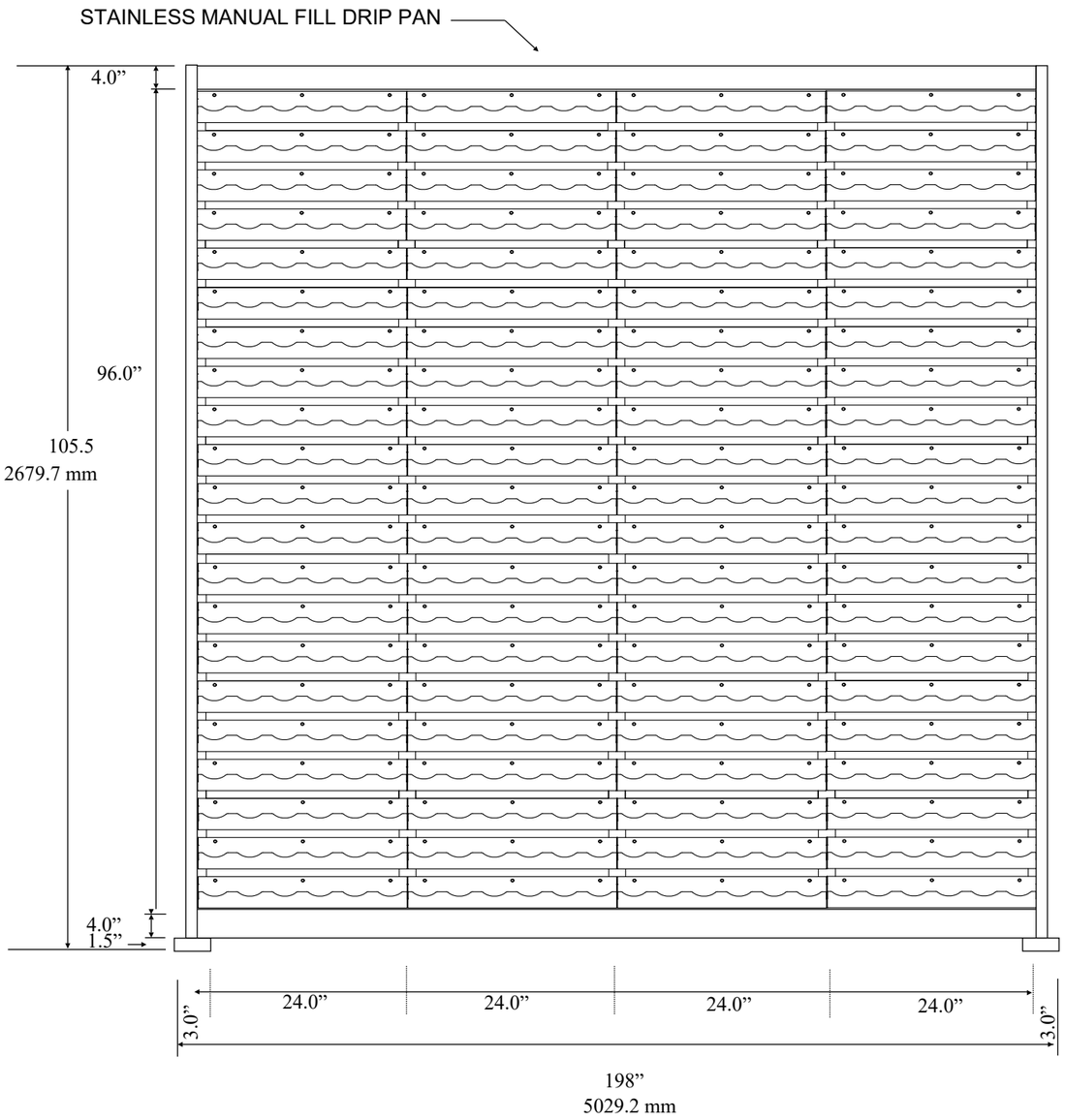
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DRAWING TITLE - **FREESTANDING GLT PLUG AND PLAY LIVING WALL UNIT 5x6 240 - 4” pots**

NOTES:

- Available in 4”, 6”, 8”

DO NOT SCALE





SHOWN WITH EMBELLISHED COPPER INLAY AND CUSTOM FRAME

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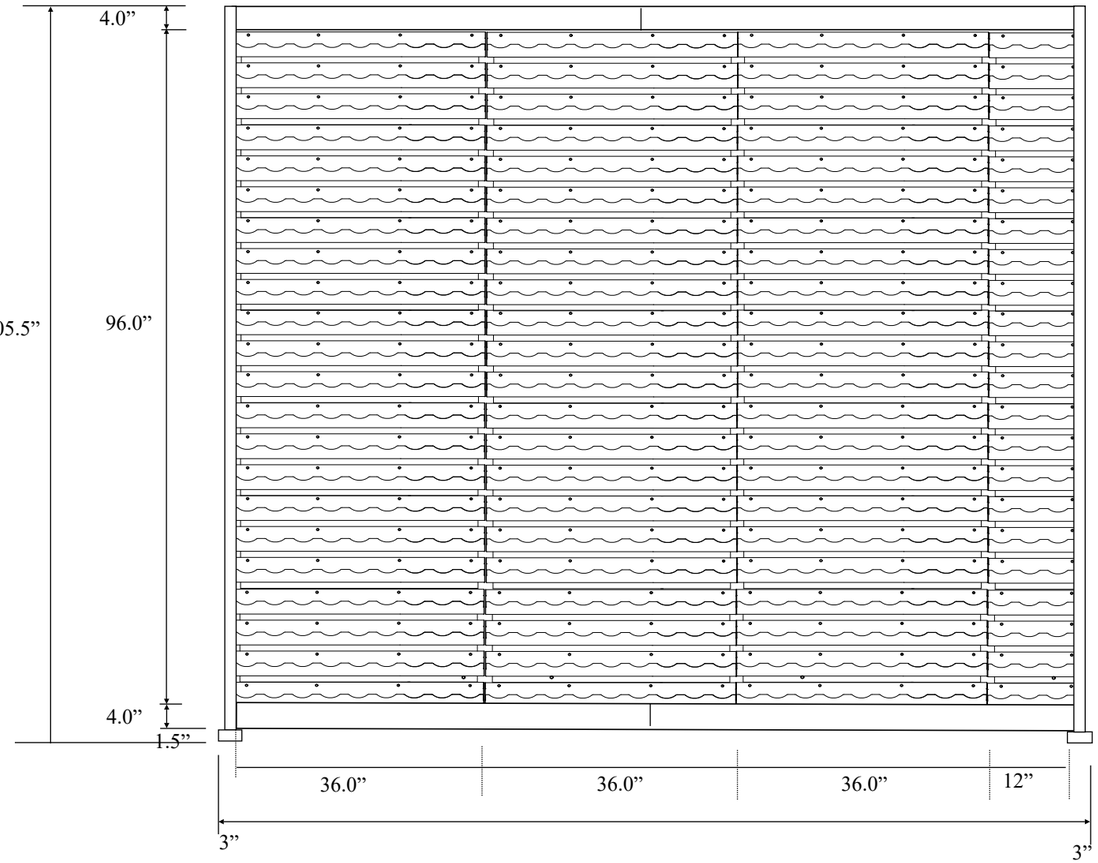
DRAWING TITLE - FREESTANDING GLT PLUG AND PLAY LIVING WALL UNIT 8x8 504 - 4” pots

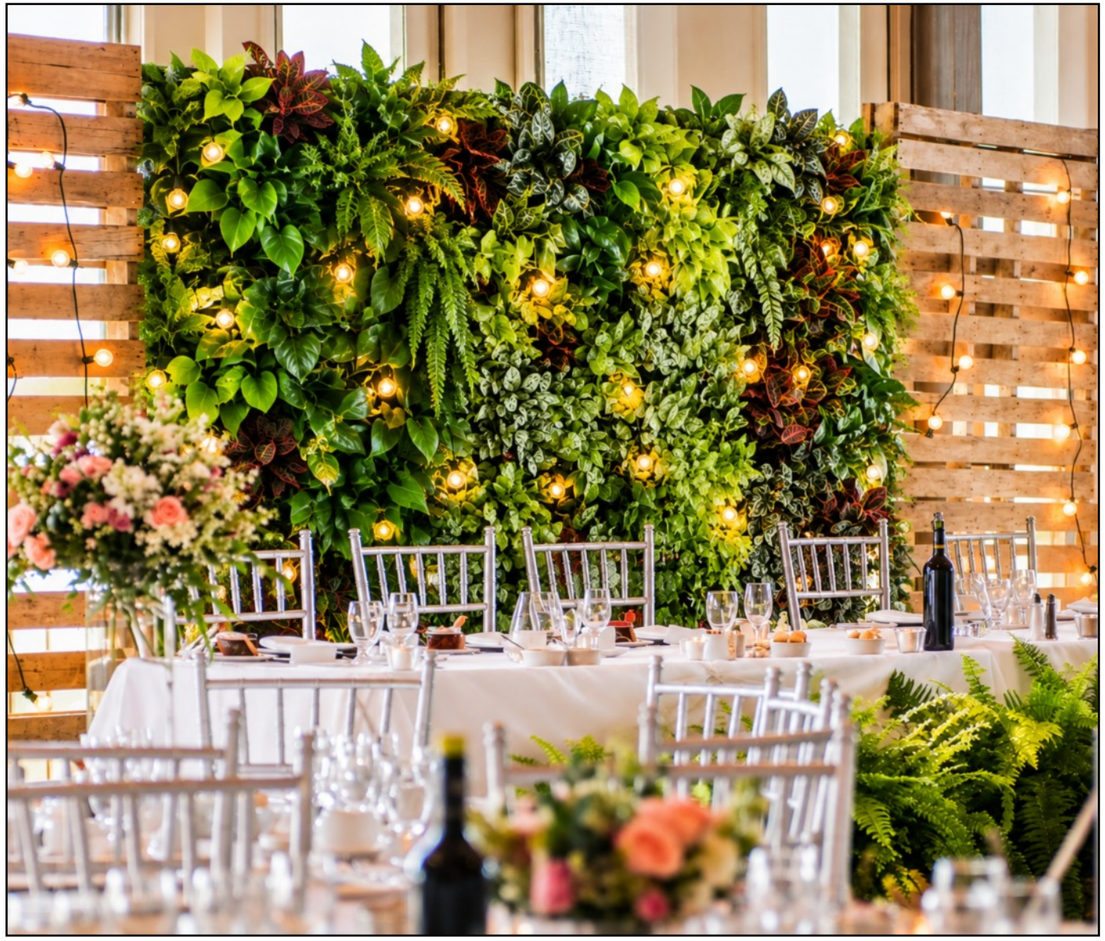
NOTES:

Available in 4”, 6”, 8”

DO NOT SCALE

0.18 STAINLESS MANUAL FILL DRIP IRRIGATION





10 x 8
22 rows x 29 pots wide = 638 (4” pots)
14 rows x 20 pots wide = 280 (6” pots)

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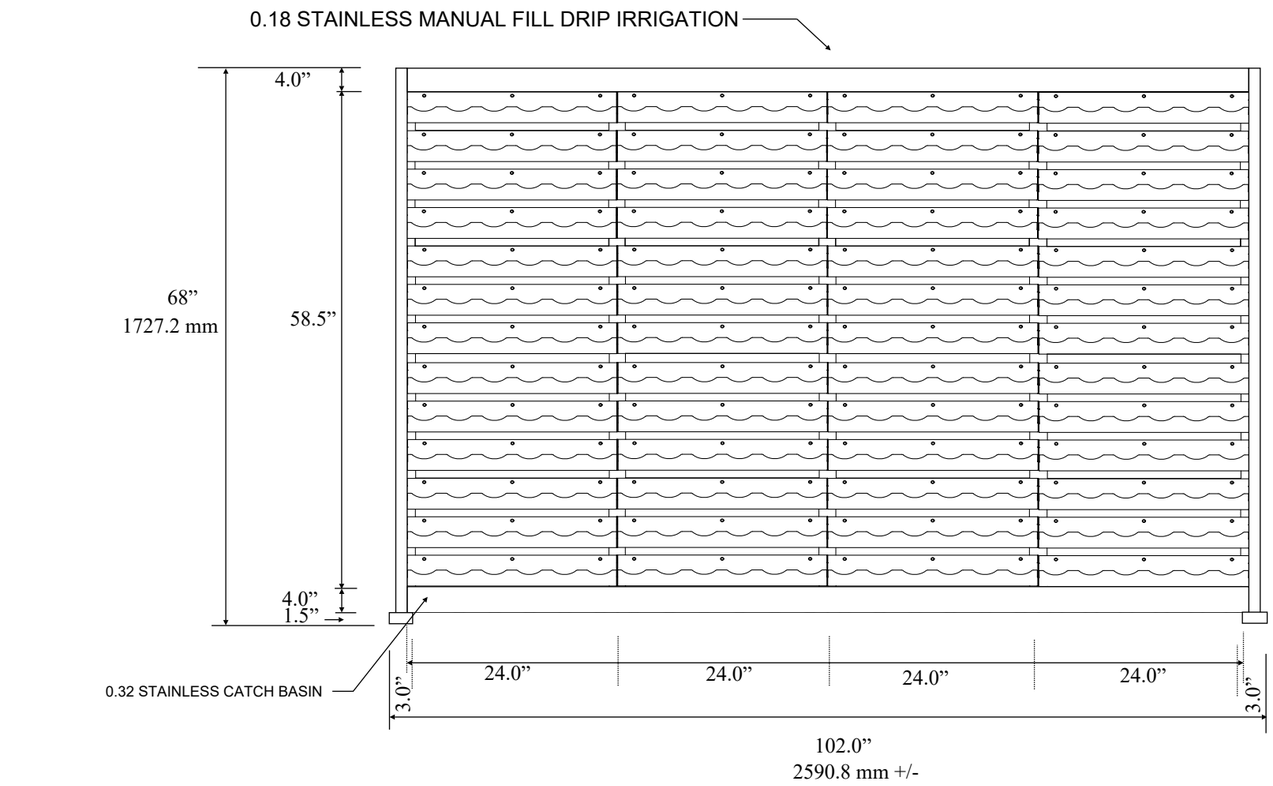
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DRAWING TITLE - **FREESTANDING GLT PLUG AND PLAY LIVING WALL UNIT 10x8**

NOTES:

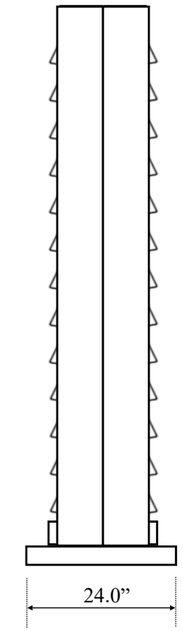
Available in 4”, 6”, 8”

DO NOT SCALE



1 FRONT ELEVATION 8x5 DOUBLE SIDED FREESTANDING

DO NOT SCALE



2 SIDE ELEVATION 8x5 DOUBLE SIDED FREESTANDING

DO NOT SCALE

Plants = 624 - 4” Standard Industry Pots (101 mm pots)

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DRAWING TITLE - 5’ x 6’ FREESTANDING GLT PLUG AND PLAY LIVING WALL - DOUBLE

NOTES:

Available in 4”, 6”, 8”

DO NOT SCALE









1 COLUMN FREESTANDING

DO NOT SCALE

FLOOR TO CEILING MOUNT

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DRAWING TITLE - COLUMN FREESTANDING

NOTES:

Available in 4”, 6”, 8”

DO NOT SCALE

GLT Picture Walls.

Living Art. Your Imagination.

Endless Possibilities.



Turn an ordinary wall into a one-of-a-kind living masterpiece with GLT Plug and Play Living Picture Walls.

More than a vertical garden, each picture wall is a blank canvas for personal creativity. Owners can embellish their living artwork with custom frames, decorative materials, reclaimed objects, colorful finishes, and personal artistic touches—creating something entirely their own.

Perfect for do-it-yourself projects, classroom activities, artists, interior designers, and creative homeowners, these living picture walls combine the beauty of plants with the freedom of individual expression.

Choose from tropical foliage, succulents, seasonal flowers, and other suitable plants. Refresh the arrangement, change the artwork, or reinvent the entire display as inspiration evolves.

Built around GLT's durable aluminum Plug and Play technology, each picture wall combines a lasting foundation with an ever-changing living composition.

Your Wall. Your Art. Your Creation.

Designed to Grow. Created to Inspire. Built to Last.

Seen On TODAY NBC

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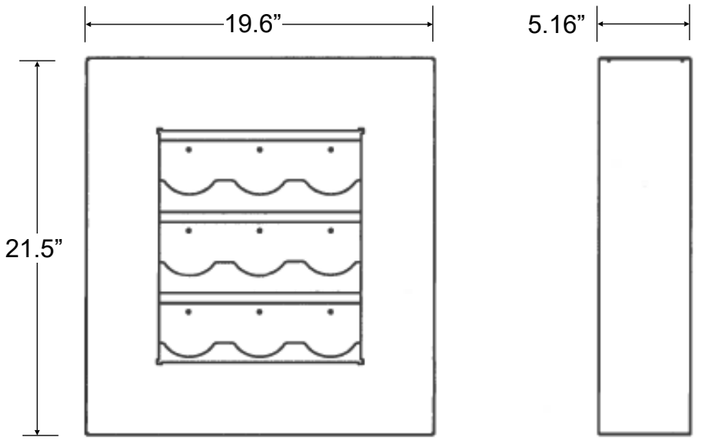
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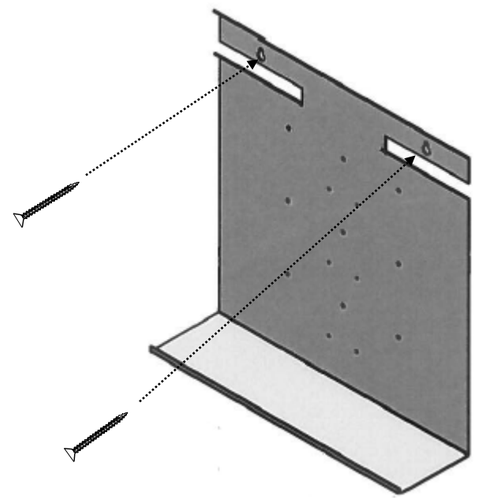
DRAWING TITLE - GLT PLUG AND PLAY PICTURE WALL

NOTES:

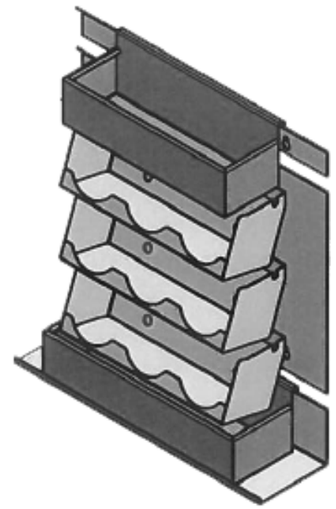
- Available in 4”& 6”

DO NOT SCALE

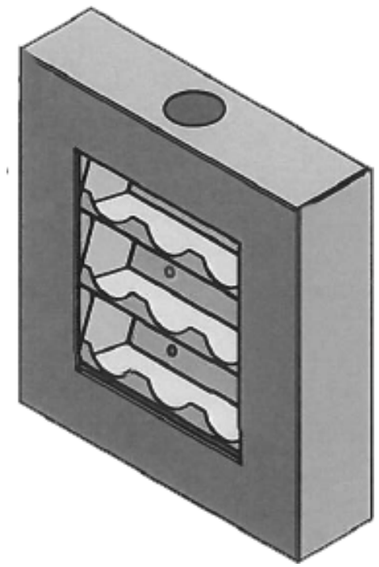




1. Use owner supplied mounting hardware specific for the mounting surface.



2. Insert stainless drip pan and catch basin.



3. Install frame and add plants.

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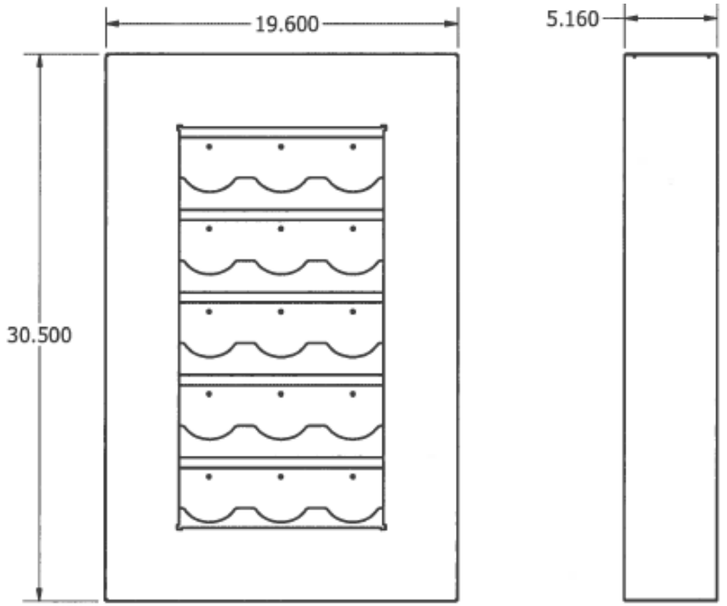
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DRAWING TITLE - GLT PLUG AND PLAY 33 PICTURE WALL

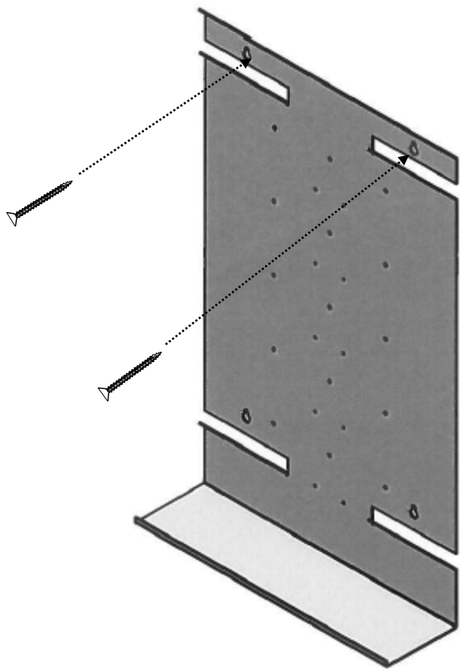
NOTES:

- Available in 4”& 6”

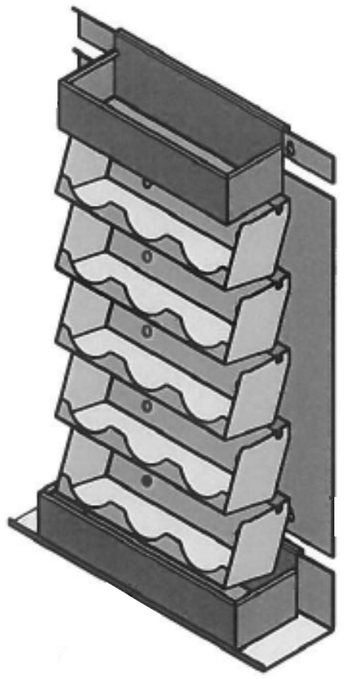
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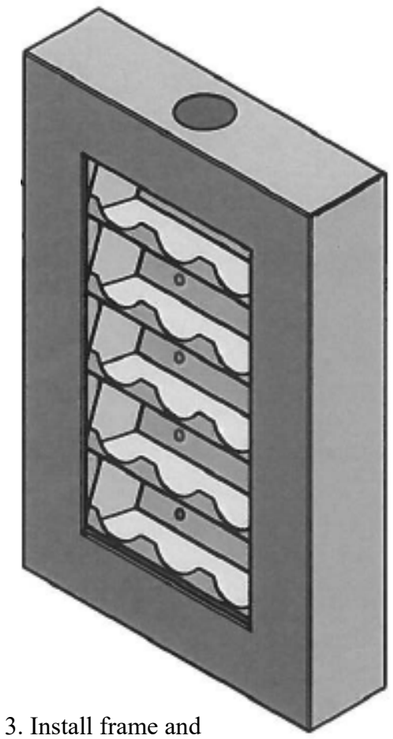




1. Use owner supplied mounting hardware specific for the mounting surface.



2. Insert stainless drip pan and catch basin.



3. Install frame and add plants.

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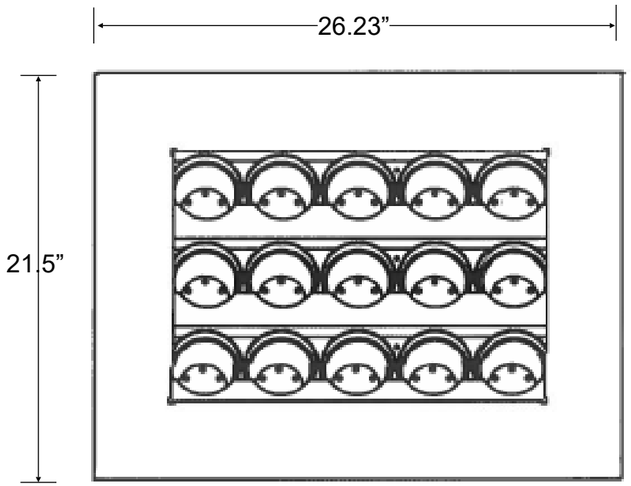
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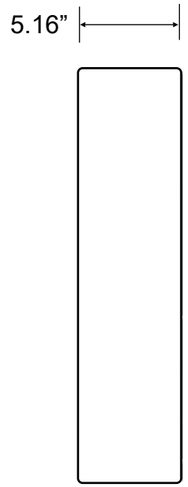
DRAWING TITLE - **GLT PLUG AND PLAY 53 PICTURE WALL**

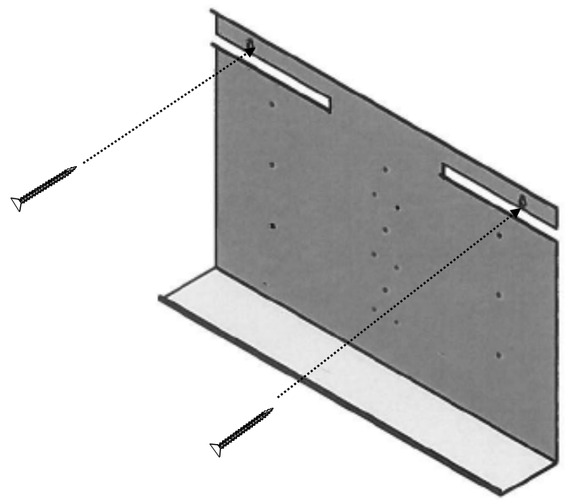
NOTES:

- Available in 4”& 6”

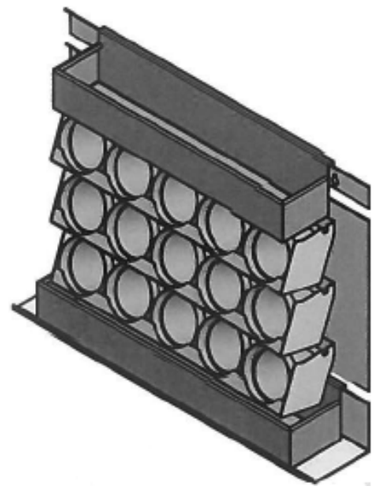
DO NOT SCALE



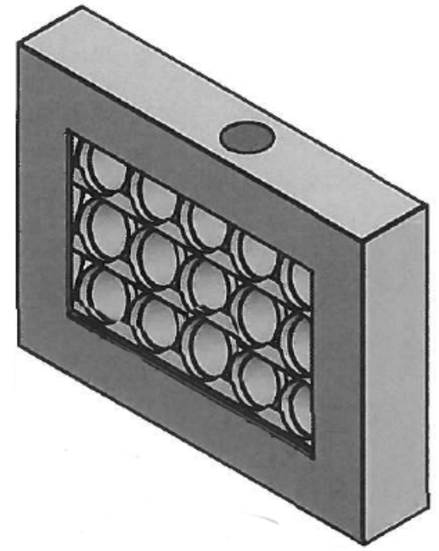




1. Use owner supplied mounting hardware specific for the mounting surface.



2. Insert stainless drip pan and catch basin.



3. Install frame and add plants.

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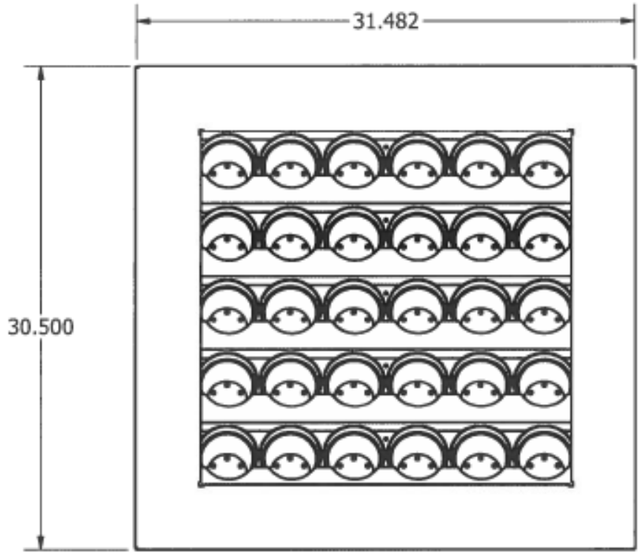
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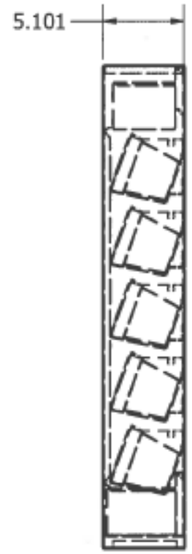
DRAWING TITLE - **GLT PLUG AND PLAY 35 PICTURE WALL**

NOTES:

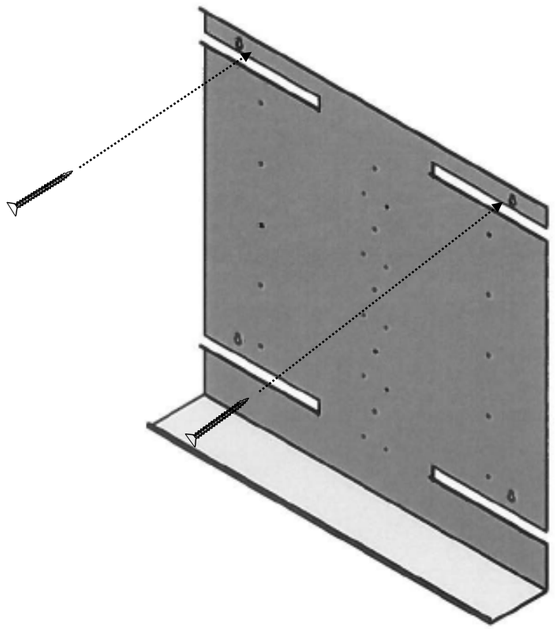
- Available in 4”& 6”

DO NOT SCALE

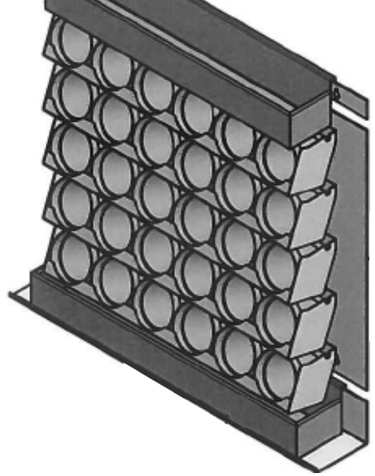




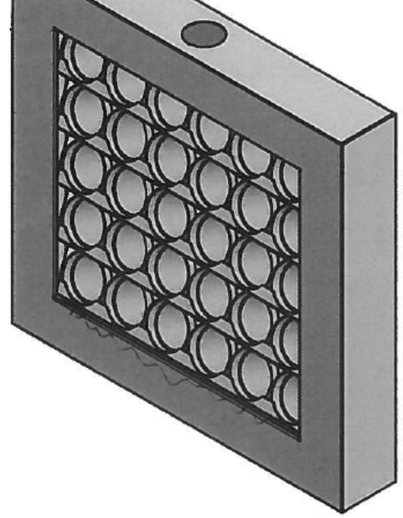




1. Use owner supplied mounting hardware specific for the mounting surface.



2. Insert stainless drip pan and catch basin.



3. Install frame and add plants.

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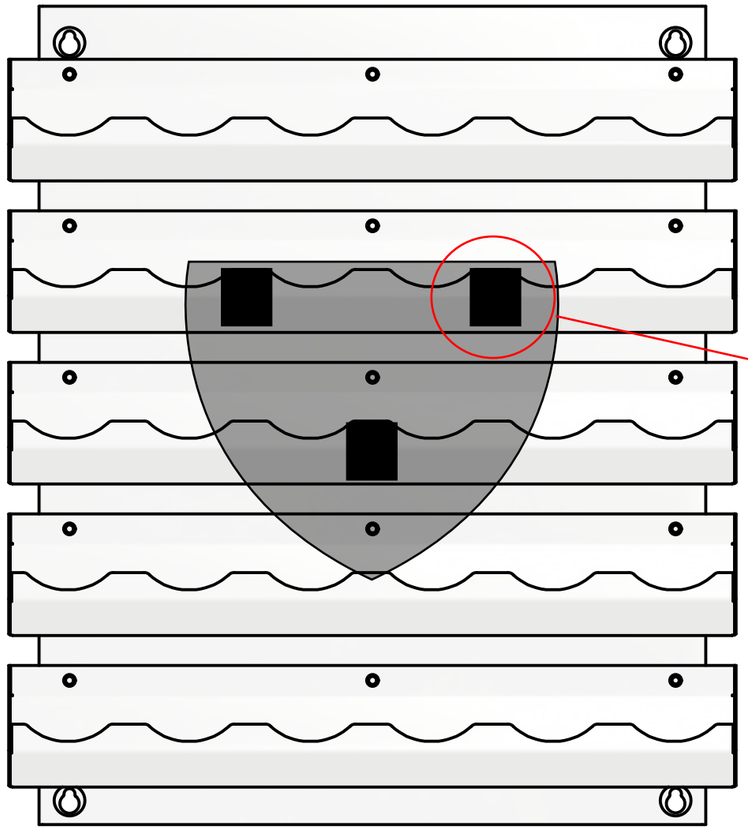
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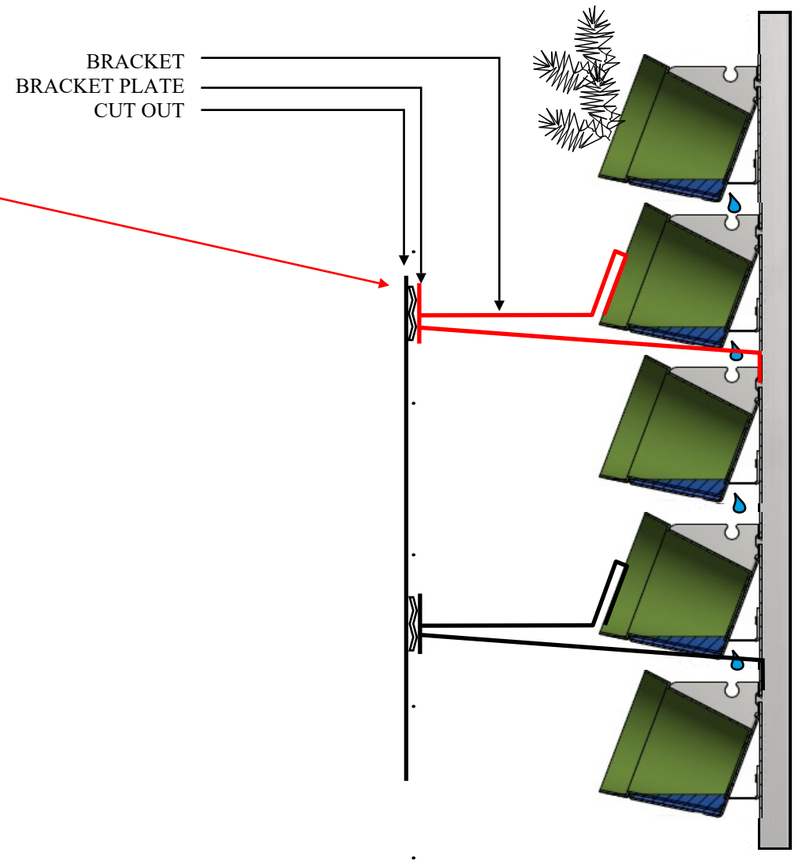
DRAWING TITLE - **GLT PLUG AND PLAY 56 PICTURE WALL**

NOTES:

- Available in 4”& 6”

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DRAWING TITLE - Plug and Play Sign Brackets

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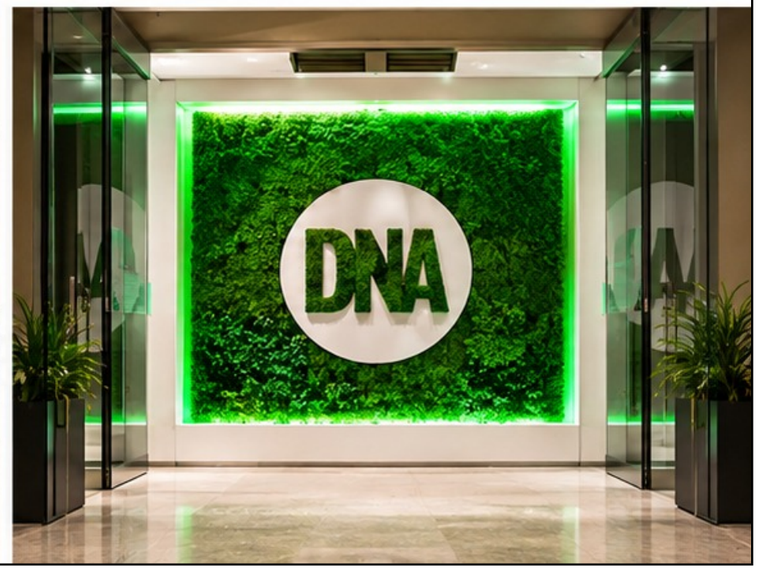












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DRAWING TITLE - Plug and Play Sign Brackets

MEWU (Mobile Edible Wall Unit)

Bringing the School Garden Into the Classroom



With LED Light



The MEWU is a freestanding Plug and Play Green Living Wall designed to be mobile. A lightweight portable laboratory for use in schools and classrooms is advantageous to have the ability to roll the unit from class to class or from indoors to outdoors.

The unit can also be used for small scale commercial and home use to grow anything from produce, herbs, perennials or annuals.

Premise:

The school garden has failed our learners. The culminating activity and harvest is usually after the students have dismissed for the summer break.

With the MEWU the school garden starts in September and crop rotations are planned around school breaks.

12 square Feet of Vertical Organic Farming!

- MEWU aluminum frame with lower storage
- PDF Teacher / Student Guide Correlating STEM and Standardize Testing.
- Recycled planting pots
- 24" x 6" x 6" Stainless Drip pan / Manual Fill Irrigation
- 24.5" x 3" x 10" Stainless Catch Basin for any Accidental Over Watering
- GLT Indoor LED Light Kit with Removable / Adjustable Bracket.

Features:

- 100% Recycled Aluminum and Stainless
- 4" (90 pots) or
- 6" (60 pots) *

*Most flexible for deeper root crops, leafy greens and root crops. 4" ideal for Herbs, leafy greens and annual flowers.

- No Pumps or Sitting Water
- Stainless Catch Basin
- Entire unit can be easily disassembled and cleaned without tools.
- Accepts round or square pots.
- No heat full spectrum LED light and removable light bracket.

Seen On TODAY NBC

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DRAWING TITLE - Mobile Edible Wall Unit (MEWU)

NOTES:

DO NOT SCALE

GLT Vertical Farms

2003 Where it all began: We were Vertical Farming since 2003! Our first living walls were edible produce. The idea of saving space by growing salad in our early generation living walls led us to larger scale outdoor vertical farms where space was limited or in the inner city / urban areas void of plots to plant.





First larger scale vertical farms included

Harlem's tomato wall sponsored by Campbell's & vertical farms via Skid Row in LA. GLT also went on to develop farms

For a VA home in Brooklyn and multiple schools throughout the US.

2008 Growing and Eating Real Food: Our goal was to incorporate "Dirt" and "Compost" grown produce into our walls. We developed processes that allow us to grow 100% organic with the use of compost, worm castings and other OMRI listed ingredients.

2009 MASDAR CITY Environmentally Controlled Agriculture
We were asked to develop the "Farm of the Future" by the developers of Masdar City, the worlds most eco friendly city in Abu Dhabi.







2010 Environmentally Controlled Agriculture We knew eventually we can bring our vision indoors. Using our A Frame configurations it was a matter of lighting the vertical orientation from top to bottom and controlling the temperatures and humidity. Partnering with Foodlink we built out the first organic vertical farm in the world using compost in an old industrial warehouse.







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DRAWING TITLE - GLT Vertical Farms

NOTES:

DO NOT SCALE

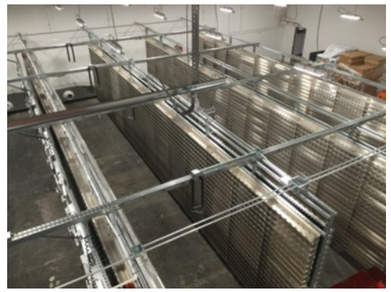
GLT Vertical Farms

2012 Advanced Techniques: We became very successful growing produce indoors, now it was time to perfect the use of recycled materials. Our process removes the waste and reuses all of our spent vegetation and growing media so that we can re use it for additional crop cycles. Our media never leaves the building!

Additional improvements to the system and techniques have also virtually eliminated waste water! Overall we developed the only true vertical farming operation in the world that uses composted media with “Living Soil” to grow NON hydroponic produce!



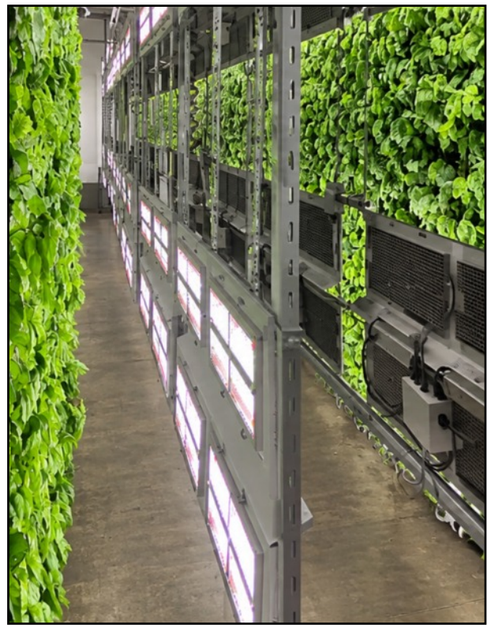
GLTi Build Out of a 3000 square foot vertical farm specific for Organic Basil Production



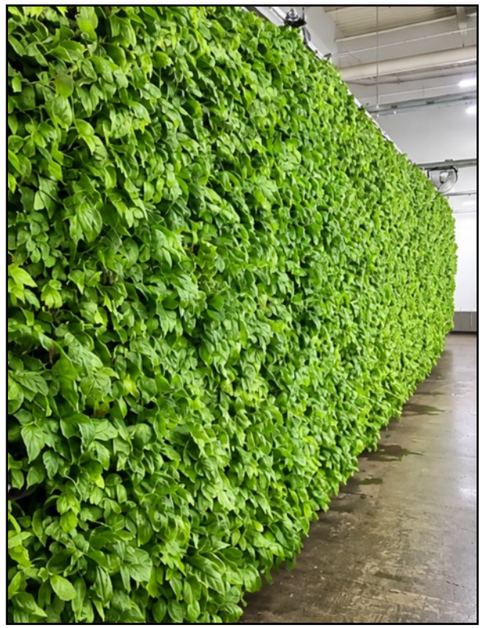


LEFT: GLT Plug and Play with virtually zero waste water. This configuration is 8’ high and can exceed 12’ - 15’ in this space increasing yields by 50%-100%. This space currently houses 25,000 4” Basil Plants. **RIGHT**: Proprietary Dehumidification and environmental control.

2015 LED Lighting Frustrated with the availability of modern LEDs we decided to develop our own specification. Deep penetration and controllable intensity.







2014-2016 Advanced Technology: Combining our leading organic techniques with advanced lighting led us to incorporate monitoring that allows us to calculate the exact water and organic inputs in relation to the amount of light the plant receives leaving little room for error. Unlike hydroponic growers we can harvest our basil many times before we have to change the plants, this not only increases yields but reduces the amount of labor.

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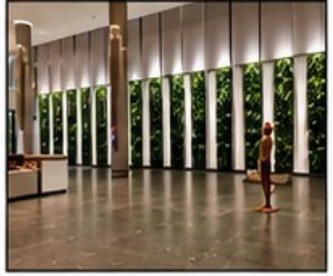
DRAWING TITLE - GLT Vertical Farms

NOTES:

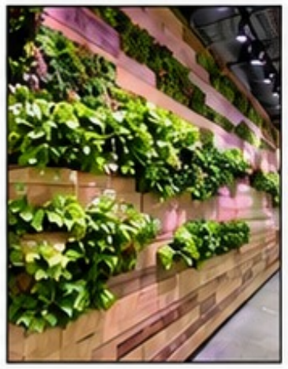
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