



Green Walls Featuring

AEROGATION™

Active Phytoremediation System

"Cleans Air Naturally"

Aerogation
Standard Details

Drawing List

	Aerogation System Cover Sheet
AS-0	Aerogation Notes and Specifications
AS-1	Aerogation System Detail - Plumbed
AS-2	Aerogation System Detail - Reservoir
AS-2	Aerogation System Section
AS-3	Aerogation System Plan
AS-4	Aerogation System Enlarged Section
AS-5	Aerogation System Standard Panels
AS-6	Aerogation System Trim

<h2 style="text-align: center;">GreenWalls</h2>	<h2 style="text-align: center;">Design</h2>	<h2 style="text-align: center;">Specifications</h2>
<p>Aerogation Green Walls <i>"Cleans Air Naturally"</i></p> <ul style="list-style-type: none"> • Versatile • Affordable • Flexible 	<p>SYSTEM REQUIREMENTS:</p> <ul style="list-style-type: none"> • Provide Shutoff at System Water Line • Provide Keyed Switch for System Power • Flush, Vertically Plumb Surface • Green Wall Light Source Analysis <p>GREEN WALL LOCATION:</p> <ul style="list-style-type: none"> • Avoid MEP Exhausts and Chemicals • Custom Layouts Are Available 	<p>OUTLINE SPECIFICATIONS:</p> <ul style="list-style-type: none"> • Outline Aerogation Green Wall Specs <p>PROJECT SPECIFICATIONS:</p> <ul style="list-style-type: none"> • Project Aerogation Green Wall Specs <p>PROJECT SUBMITTALS:</p> <ul style="list-style-type: none"> • Shop Drawings, Specs & Product Data
<h2 style="text-align: center;">Services</h2>	<h2 style="text-align: center;">Warranty</h2>	<h2 style="text-align: center;">Coordination</h2>
<ul style="list-style-type: none"> • Custom Designs • Technical Support • Plant Sourcing • Onsite Consultation • Shop Drawings • Installation 	<p>STANDARD:</p> <ul style="list-style-type: none"> • One Year Parts and Labor <p>EXTENDED:</p> <ul style="list-style-type: none"> • Multiple Options Available • Varies per Project Design 	<p>DESIGN:</p> <ul style="list-style-type: none"> • Technical Support - Contact Us <p>PRODUCT LEAD TIME:</p> <p>Note: Varies Based on Green Wall Size</p> <ul style="list-style-type: none"> • 6-8 Weeks - Green Wall Components • 12-16 Weeks - Plants and Soils
<h2 style="text-align: center;">Systems</h2>	<h2 style="text-align: center;">Maintenance</h2>	<h2 style="text-align: center;">Contact Us</h2>
<ul style="list-style-type: none"> • Interior Aerogation • Exterior Grid • Exterior Aerogation • Design Build • Custom Designs • Cabinet Units 	<p>SERVICES:</p> <ul style="list-style-type: none"> • 1-3 Year Contract Options • System & Software Training • Seasonal Start-Up • Plant Replacement Options • AgroSci Trained and Certified Providers 	<p>Greenstreet GreenWalls</p> <p>391 West Bay Front Rd, Lothian, MD 20711</p> <p>OFFICE: 410-867-9500 FAX: 410-867-6130</p> <p>EMAIL: ray@greenstreetgreenwalls.com WEBSITE: www.greenstreetgreenwalls.com</p>

Aerogation System

US Patent
 US2016/01926401A1
 Foreign Patents
 Pending

Project Name:
Green Wall - Aerogation System
 Project Location:
Standard Details

Project #:
 Standard Details

Date:
 July 30, 2016

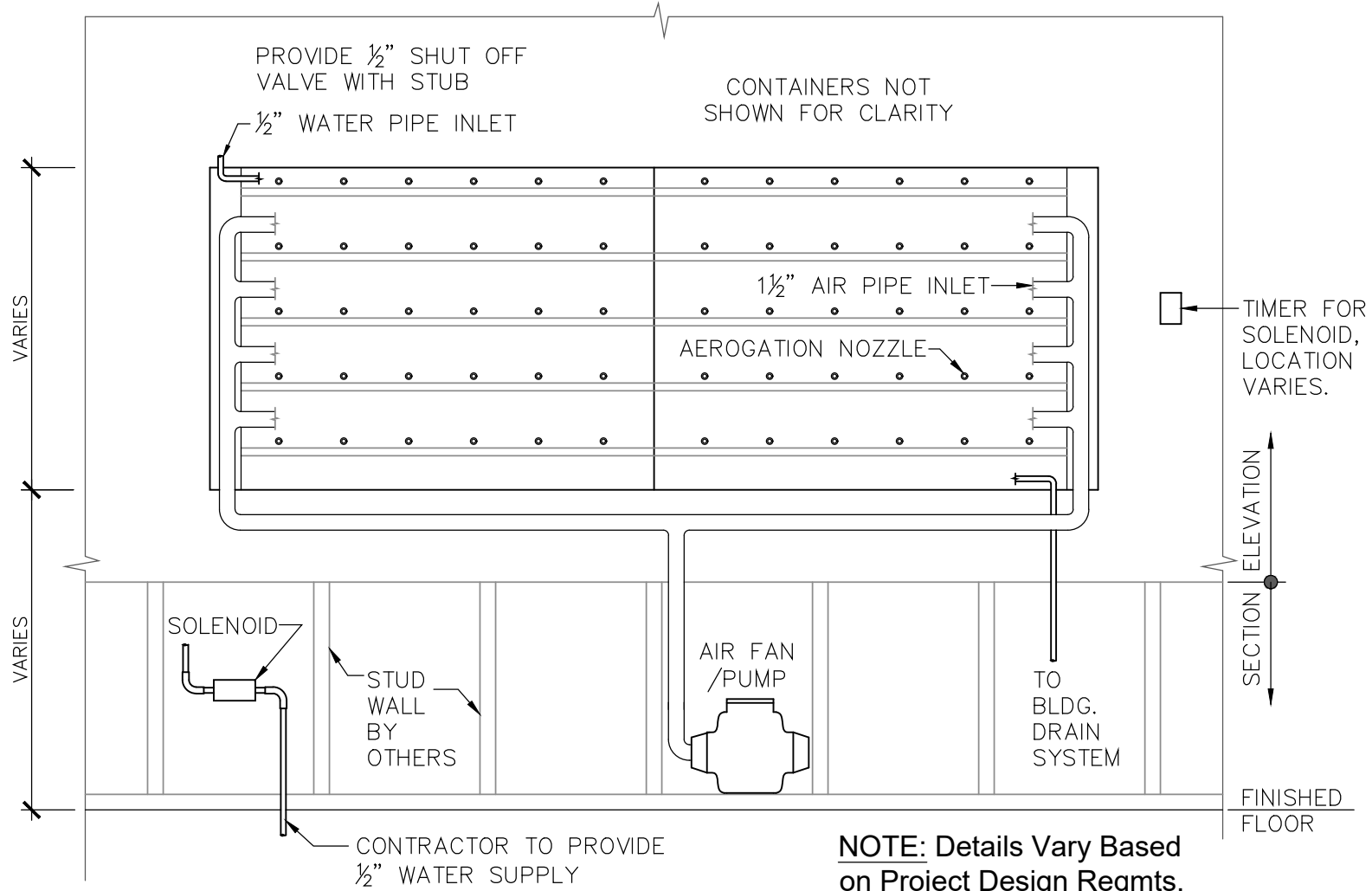
Drawn By:
 stc

Scale:
 As Noted

Drawing Name:
 Aerogation
 Green Wall
 Hard Plumbed

Drawing #:

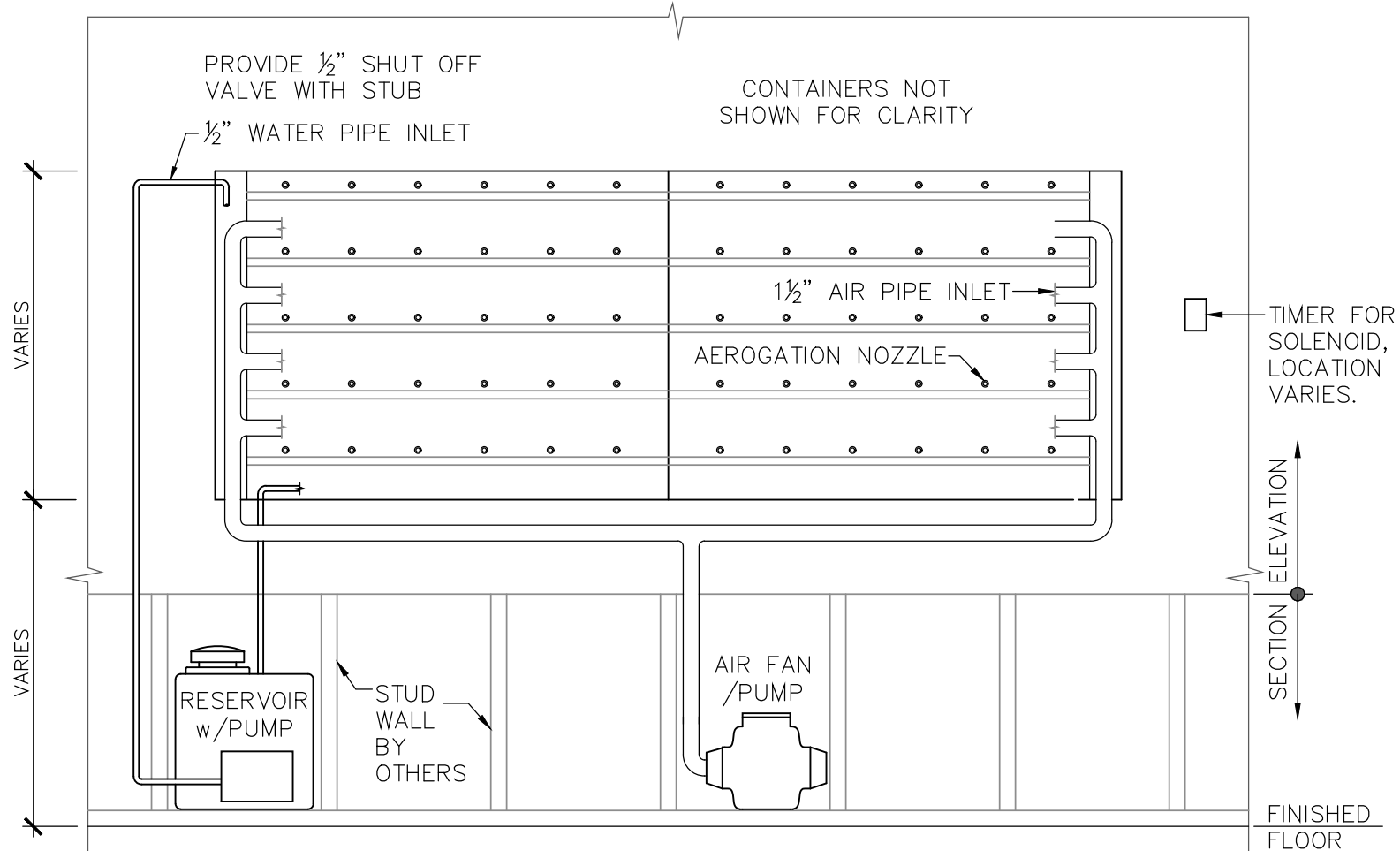
AS-1



1 Aerogation Green Wall Typical System Detail - Hard Plumbed
 AS-1 SCALE: 3/4" = 1'-0" EACH DESIGN IS SITE SPECIFIC

Aerogation System

US Patent
 US2016/01926401A1
 Foreign Patents
 Pending



RESERVOIR SYSTEM OPTION:
 WATER SUPPLY CAN BE AUTOMATICALLY
 FILLED WITH FLOAT VALVE

NOTE: Details Vary Based
 on Project Design Reqmts.

1 Aerogation Green Wall Typical System Detail - Reservoir
 AS-2 SCALE: 3/4" = 1'-0" EACH DESIGN IS SITE SPECIFIC

Project Name:
Green Wall - Aerogation System

Project Location:
Standard Details

Project #:
 Standard Details

Date:
 July 30, 2016

Drawn By:
 stc

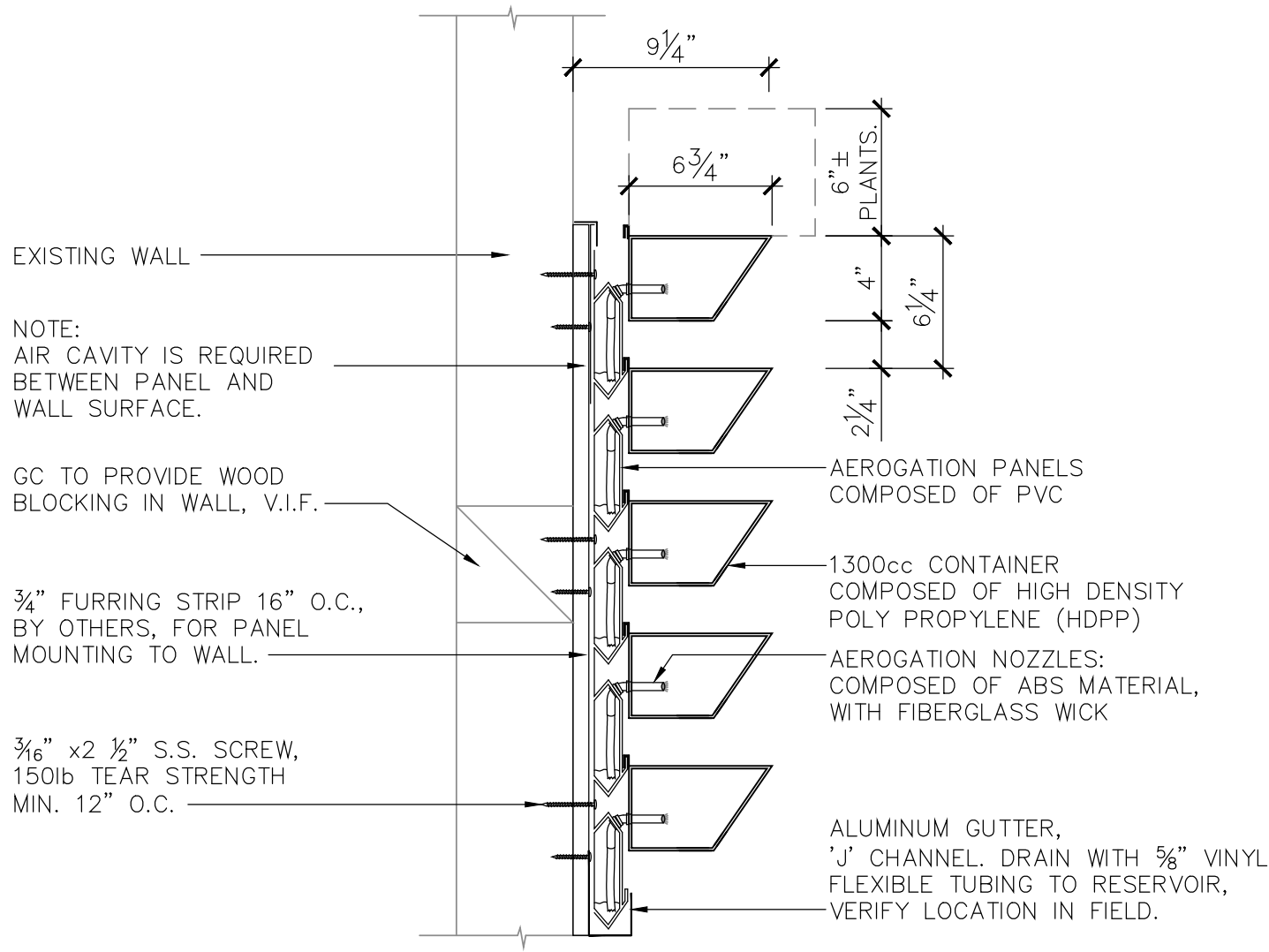
Scale:
 As Noted

Drawing Name:
 Aerogation
 Green Wall
 Reservoir

Drawing #:
AS-2
 Sheet 4 of 9

**Aerogation
System**

US Patent
US2016/01926401A1
Foreign Patents
Pending



EXISTING WALL

NOTE:
AIR CAVITY IS REQUIRED
BETWEEN PANEL AND
WALL SURFACE.

GC TO PROVIDE WOOD
BLOCKING IN WALL, V.I.F.

3/4" FURRING STRIP 16" O.C.,
BY OTHERS, FOR PANEL
MOUNTING TO WALL.

3/16" x 2 1/2" S.S. SCREW,
150lb TEAR STRENGTH
MIN. 12" O.C.

AEROGATION PANELS
COMPOSED OF PVC

1300cc CONTAINER
COMPOSED OF HIGH DENSITY
POLY PROPYLENE (HDPP)

AEROGATION NOZZLES:
COMPOSED OF ABS MATERIAL,
WITH FIBERGLASS WICK

ALUMINUM GUTTER,
'J' CHANNEL. DRAIN WITH 5/8" VINYL
FLEXIBLE TUBING TO RESERVOIR,
VERIFY LOCATION IN FIELD.

1 Aerogation Green Wall Typical Section
AS-3 SCALE: 1-1/2" = 1'-0" EACH DESIGN IS SITE SPECIFIC

Project Name:
Green Wall - Aerogation System
Project Location:
Standard Details

Project #:
Standard Details

Date:
July 30, 2016

Drawn By:
stc

Scale:
As Noted

Drawing Name:
**Aerogation
Green Wall
Section**

Drawing #:
AS-3

Aerogation System

US Patent
 US2016/01926401A1
 Foreign Patents
 Pending

Project Name:
Green Wall - Aerogation System

Project Location:
Standard Details

Project #:
Standard Details

Date:
 July 30, 2016

Drawn By:
 stc

Scale:
 As Noted

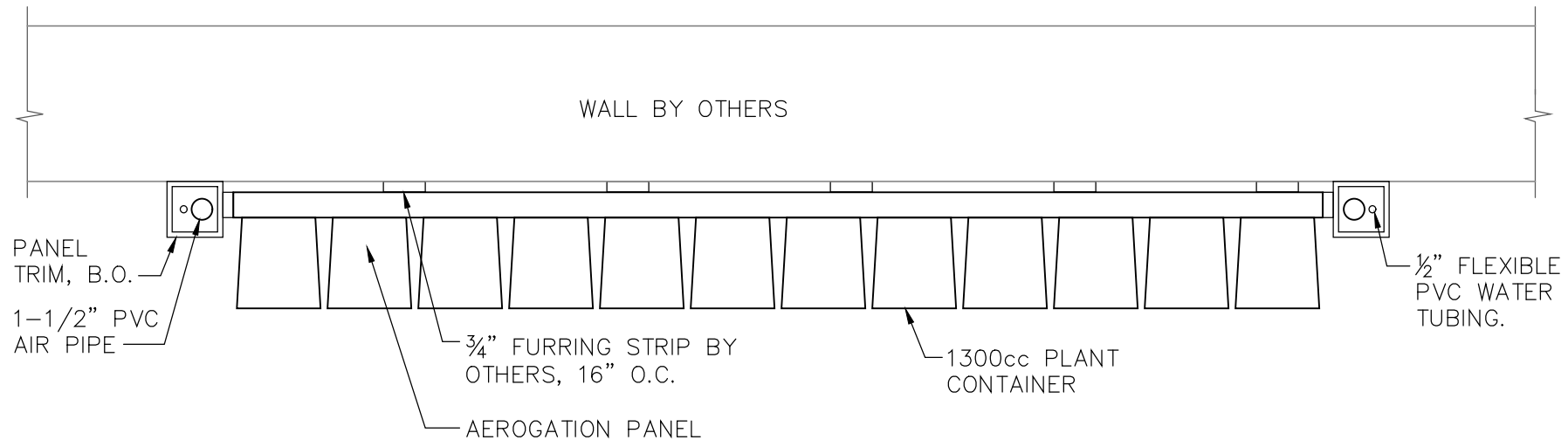
Drawing Name:
Aerogation Green Wall Plan

Drawing #:
AS-4

Equipment List		
Description	MFR.	Model #
Water Pump	Becket	G325C
* Water Tank	National	SP0016
Repeat Cycle Timer	Intermatic	C8845
Inline Fan	Continental	AXC100AES
Aerogation Panels	AgroSci	5 Channel
Aerogation Nozzles	AgroSci	AGW575
Aerogation Nozzle	AgroSci	AG625x5
Mounting Grommet		
Aerogation Containers	AgroSci	1300cc

Note: * Water Tank is for Reservoir System

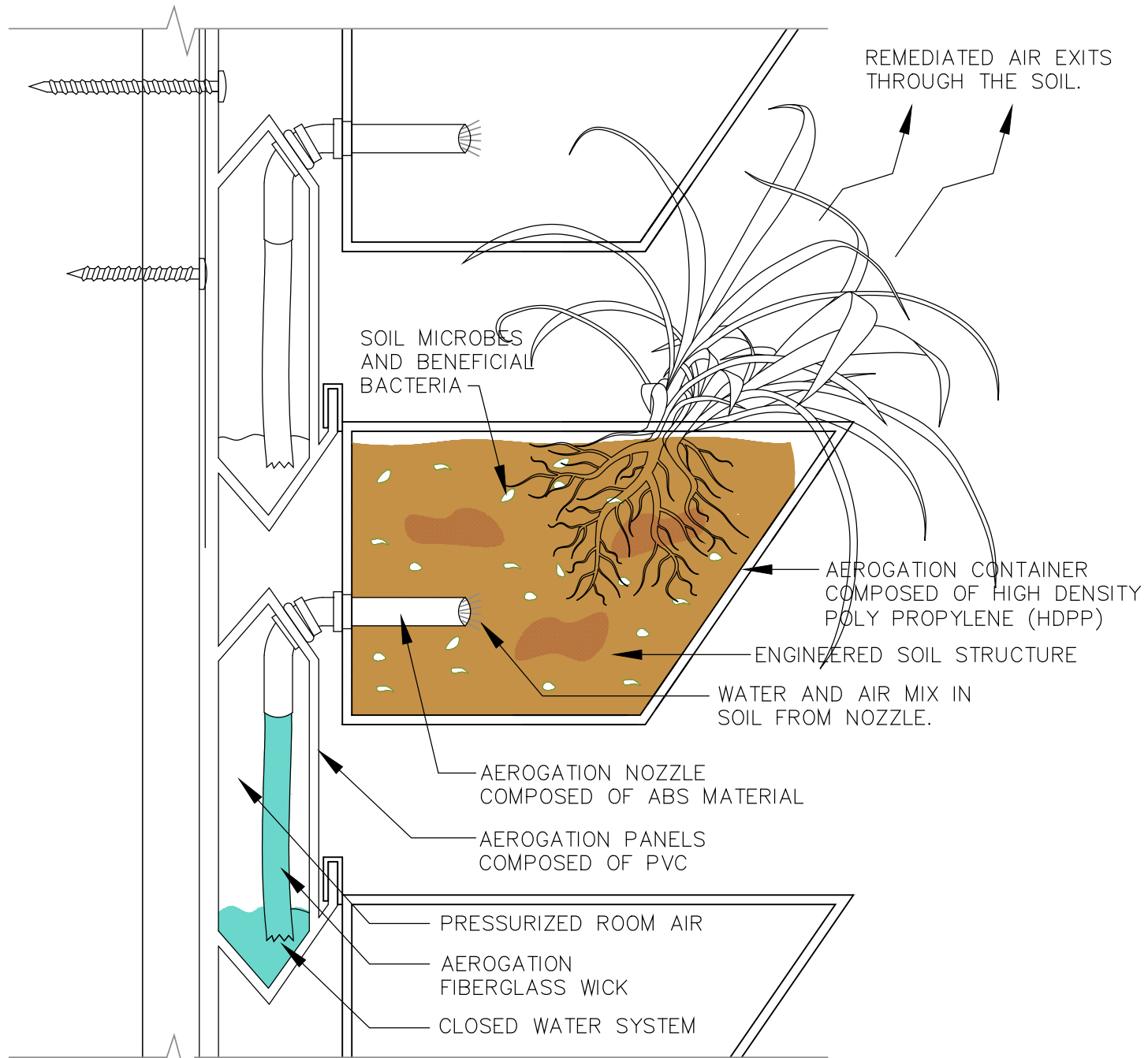
CONTRACTOR TO PROVIDE DRAIN, WATER AND AIR SUPPLY, SEE ENLARGED ELEVATION



1 Aerogation Green Wall Typical Plan
 AS-4 SCALE: 1" = 1'-0" EACH DESIGN IS SITE SPECIFIC

**Aerogation
System**

US Patent
US2016/01926401A1
Foreign Patents
Pending



Project Name:
Green Wall - Aerogation System

Project Location:
Standard Details

Project #:
Standard Details

Date:
July 30, 2016

Drawn By:
stc

Scale:
As Noted

Drawing Name:
**Aerogation
Green Wall
Elevation**

Drawing #:
AS-5

Sheet 7 of 9

1 Aerogation Green Wall Typical Enlarged Section
AS-5 SCALE: 6" = 1'-0" EACH DESIGN IS SITE SPECIFIC

**Aerogation
System**

US Patent
US2016/01926401A1
Foreign Patents
Pending

Project Name:
Green Wall - Aerogation System
Project Location:
Standard Details

Project #:
Standard Details

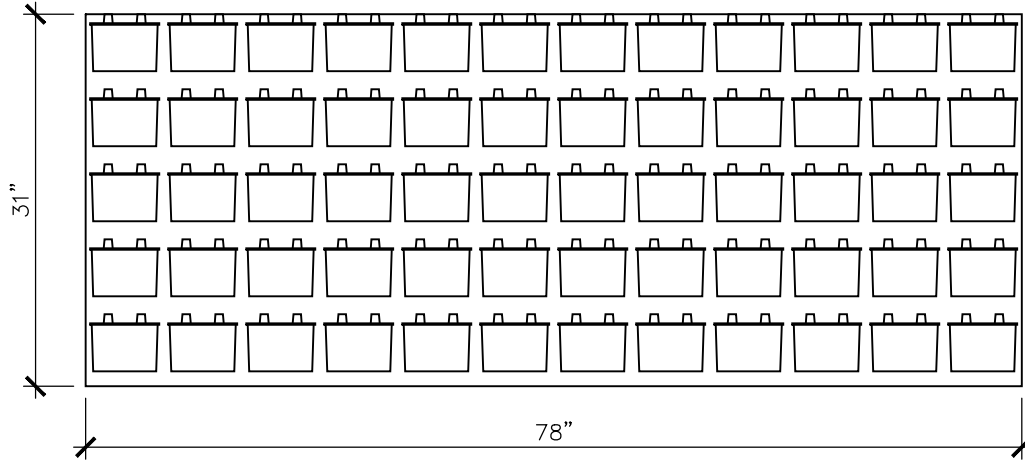
Date:
July 30, 2016

Drawn By:
stc

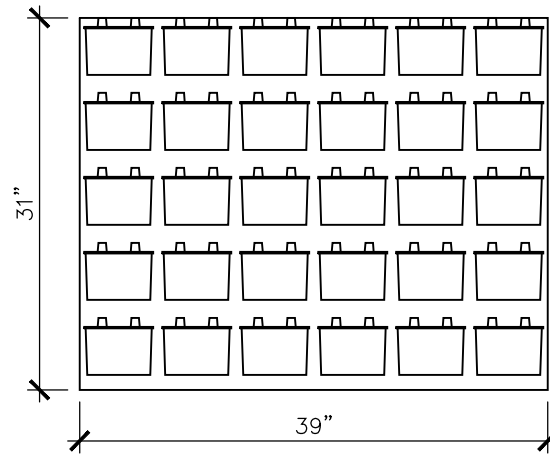
Scale:
As Noted

Drawing Name:
Aerogation
Green Wall
Panels

Drawing #:
AS-6
Sheet 8 of 9



**2 METER PANEL
60 PLANTS**



**One Meter Panel
30 Plants**

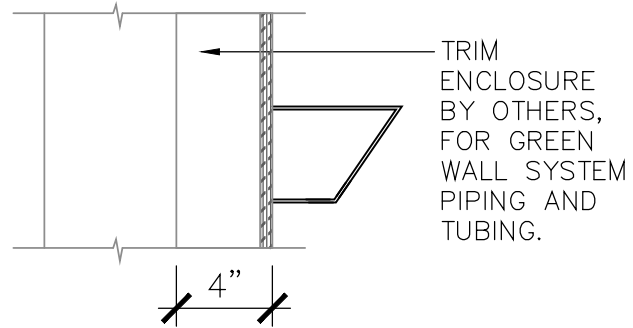
1
AS-6

Aerogation Green Wall Standard Panels

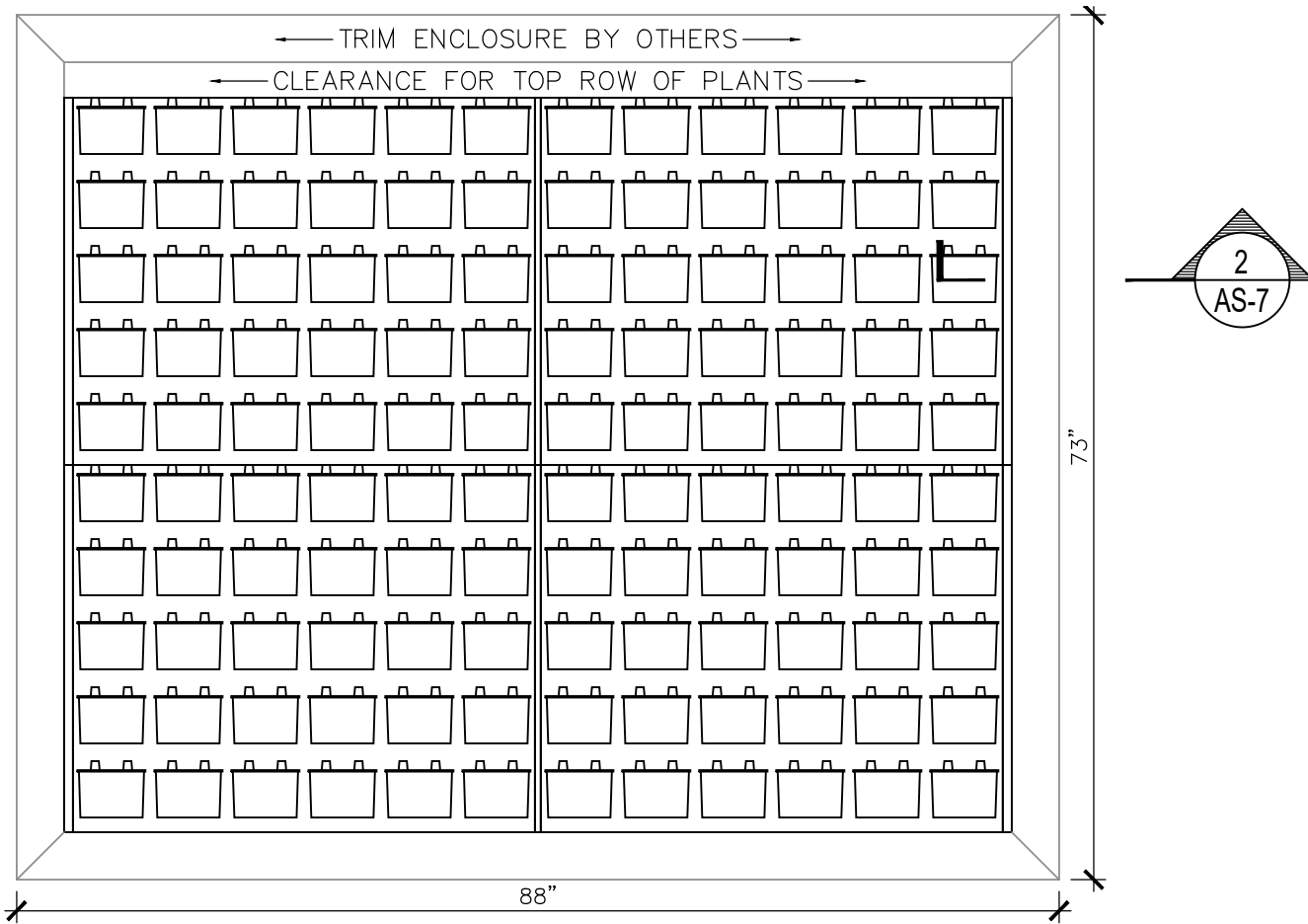
SCALE: 3/4" = 1'-0"

EACH DESIGN IS SITE SPECIFIC

**NOTE:
Trim Is By Others
Verify in Field**



2 Typical Trim Section
AS-7 SCALE: 1-1/2" = 1'-0"



1 Aerogation Green Wall Typical Trim
AS-7 SCALE: 3/4" = 1'-0" EACH DESIGN IS SITE SPECIFIC

Project Name:
Green Wall - Aerogation System
Project Location:
Standard Details

Project #:
Standard Details

Date:
July 30, 2016

Drawn By:
stc

Scale:
As Noted

Drawing Name:
**Aerogation
Green Wall
Trim**

Drawing #:
AS-7