The graphic representations are intended to support design and construction of Greenway P 100 Living Walls. Design and construction of any Greenway P 100 Wall should meet local codes.
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**ALL ACCESSORIES AND REINFORCEMENT PERMANENTLY LOCKED IN PLACE BY EACH SUCCESSIVE COURSE.**

**24” MODULE CENTER TO CENTER SPACING**

**VERTICAL LOAD IS TRANSFERRED FOR OPTIMUM BEARING.**

**9” TYPICAL STRAIGHT WALL SPACING**

**0”–9” FOR RADIUS WALL SECTIONS**

**GREENWAY P100 WALL SPACING REAR VIEW DETAIL**
The graphic representations are intended to support design and construction of Greenway P 100 Living Walls. Design and construction of any Greenway P 100 Wall should meet local codes.

NOTE: AT TERMINAL END FURTHEST FROM MODULE, SMARTSTRAP SHOULD NOT BE WIDER THAN 24” CENTER ON CENTER MODULE SPACING.

STRAP CUT LENGTH = 2 X DESIGN LENGTH.

SMARTSTRAP LACED THROUGH CONNECTION SLOT

DESIGN LENGTH

24” MAXIMUM

95°

5”

6”
1. THE MAXIMUM HEIGHT OF A GREENWAY P100 WALL SHALL BE NO MORE THAN 11 BLOCKS OR 5.5 FEET AS MEASURED FROM THE TOP OF THE LEVELING PAD.

2. THE DESIGN DEPTH OF REINFORCEMENT SHALL BE AT LEAST 50 PERCENT THE HEIGHT OF THE WALL.

THE GRAPHIC REPRESENTATIONS ARE INTENDED TO SUPPORT DESIGN AND CONSTRUCTION OF GREENWAY P 100 LIVING WALLS. DESIGN AND CONSTRUCTION OF ANY GREENWAY P 100 WALL SHOULD MEET LOCAL CODES.
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NOTE: INDIVIDUAL DRIP TUBING RUNS SHALL NOT EXCEED 600 FEET IN LENGTH WHEN USING THE SPECIFIED 0.26 GPH_EMITTER AT 12" SPACING.
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**GREENWAY P100 MODULE**

12” LIFT OF LOW PERMEABLE SOIL SHAPED TO MEET SITE GRADES

20 DEGREES OF BATTER TO CREATE WALL INCLINATION OF 70 DEGREES

**GREENWAY P100 TYPICAL GRAVITY SECTION DETAIL**

6” MINIMUM BELOW GRADE — DEPENDENT ON DESIGN

6”X25” MINIMUM AGGREGATE LEVELING PAD

EXCAVATION LIMITS

FILTER FABRIC BETWEEN DRAIN ROCK AND SOIL

DRAINAGE AGGREGATE 12” THICK MIN. ROCK

4” SLOTTED AND WRAPPED PERFORATED PIPE. DRAIN THROUGH WALL FACE AT LOW POINT OF WALL AND AT MAXIMUM 50 FT INTERVALS.

IMPORTANT: GRAVITY WALL LIMITED TO NO MORE THAN 6 TOTAL BLOCK COURSES TALL AT ANY LOCATION ON THE WALL. TALLER GRAVITY WALLS ARE POSSIBLE WITH SITE SPECIFIC DESIGN PREPARED BY AN EXPERIENCED PROFESSIONAL ENGINEER.
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NOTE: DUE TO BATTER, CONCAVE WALLS WILL INCREASE IN DIAMETER AS THE WALL GETS TALLER CAUSING THE BLOCK SPACING TO INCREASE.

SPACING VARIES, SEE NOTE.

SPACING FOR TIGHTEST CONVEX RADIUS IS ACHIEVED BY TAILS OF MODULES TOUCHING WHILE SPACING AT FACE IS ADJUSTED TO SUIT THE EYE.

24" MAXIMUM
The graphic representations are intended to support design and construction of Greenway P 100 Living Walls. Design and construction of any Greenway P 100 Wall should meet local codes.

NOTE: DUE TO BATTER, CONVEX WALLS WILL DECREASE IN DIAMETER AS THE WALL GETS TALLER CAUSING THE BLOCK SPACING TO DECREASE.

SPACING VARIES, SEE NOTE

SPACING FOR TIGHTEST CONVEX RADIUS IS ACHIEVED BY TAILS OF MODULES TOUCHING WHILE SPACING AT FACE IS ADJUSTED TO SUIT THE EYE.

OVERLAP SMARTSTRAP AS IT EXTENDS INTO THE FILL. PLACE 2-3" OF ROCK BETWEEN STRAPS.

24" MAXIMUM
NOTE: WALL INSTALLATION CAN BE ACCOMPLISHED WITH NO SIDE RAIL WHEN INSTALLING GARDENSOXX.

12" LIFT OF LOW PERMEABLE SOIL/GROWTH MEDIA

SMARTSTRAP REINFORCEMENT AS SPECIFIED BY ENGINEER

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**INTAKE STRUCTURE PER CIVIL ENGINEER**

**12" LIFT OF LOW PERMEABLE SOIL/GROWTH MEDIA**

**SMARTSTRAP REINFORCEMENT SPECIFIED BY WALL DESIGN ENGINEER**

**DRAIN PIPE SIZE PER CIVIL ENGINEER OF RECORD**

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**VERDANT TECHNOLOGIES**

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**SCALE:**

**NONE**

**GREENWAY P100**

**VERTICAL DRAIN DETAIL**
The graphic representations are intended to support design and construction of Greenway P 100 Living Walls. Design and construction of any Greenway P 100 Wall should meet local codes.
NETAFIM TECHLINE CV DRIP TUBING (12" Emitter Spacing) to be installed during wall construction and backfill process by Greenway installer. Installer shall leave 12" out to front of wall. Irrigation contractor shall tie this into center header line and remainder of irrigation system per irrigation system design.

Terminate drip tubing below soil with 'Figure 8' fitting as manufactured by Netfim USA. (Typ)

Note: Individual drip tubing runs shall not exceed 600 feet in length when using the specified 0.26 GPH emitter at 12" spacing.
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NOTE: WALL INSTALLATION CAN BE ACCOMPLISHED WITH NO SIDE RAIL WHEN INSTALLING GARDENSOXX.

- 12" LIFT OF LOW PERMEABLE SOIL/GROWTH MEDIA

SMARTSTRAP REINFORCEMENT AS SPECIFIED BY ENGINEER

FOOTING—DIMENSIONS AS SPECIFIED BY ENGINEER

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