Architerra Designs

This section includes editing notes to assist the user in editing the section to suit project requirements. These notes are included as hidden text, and can be revealed or hidden by the following method in Microsoft Word:

 Display the FILE tab on the ribbon, click OPTIONS, then DISPLAY. Select of deselect HIDDEN TEXT.

This guide specification section has been prepared by Architerra Designs for use in the preparation of a project specification section covering metal bioretention planters. These planters are available in multiple materials, finishes, sizes, and shapes, and are provided with drainage components.

The following should be noted in using this specification:

Hypertext links to manufacturer websites are included after manufacturer names to assist in product selection and further research. Hypertext links are contained in blue, e.g.:

 [www.architerradesigns.com](http://www.architerradesigns.com)

Optional text requiring a selection by the user is enclosed within brackets and as red text, e.g.: Color: [Red.] [Black.]"

Items requiring user input are enclosed within brackets and as red text, e.g.: "Section [\_\_ \_\_ \_\_ - \_\_\_\_\_\_\_\_]."

Optional paragraphs are separated by an "OR" statement included as red text, e.g.:

\*\*\*\* OR \*\*\*\*

For assistance in the use of products in this section, contact Architerra Designs by calling 877-494-0256 or visit their website at [www.architerradesigns.com](http://www.architerradesigns.com).

This specification has been prepared based on SimpleSpecs™ specification templates. The SimpleSpecs™ Master Guide Specification system comprises a full architectural master specification that can be used to specify all project requirements. For additional information on SimpleSpecs™ products visit the ZeroDocs.com website at www.zerodocs.com

**SECTION 32 94 36 – BIORETENTION PLANTERS**

1. GENERAL
	1. ADMINISTRATIVE REQUIREMENTS

Retain the following for a pre-installation conference held prior to start of product installation.

* + 1. Pre-Installation Conference:
			1. Attendance: [Architect,] [Landscape Architect,] [Owner,] [Contractor,] [Construction Manager,] [Design/Builder] installer, and related trades.
			2. Review: Project conditions, manufacturer requirements, delivery and storage, staging and sequencing, and protection of completed work.
	1. SUBMITTALS

* + 1. Action Submittals:
			1. Shop Drawings: Illustrate products, installation, and relationship to adjacent construction.
			2. Product Data: Manufacturer’s descriptive data and product attributes.
			3. Samples: [Selection samples.] [Verification samples.]
		2. Closeout Submittals:
			1. Operation and Maintenance Data.
	1. QUALITY ASSURANCE

Retain the following to specify minimum experience of manufacturer.

* + 1. Manufacturer Qualifications: Minimum 5 years’ experience in work of this Section.

Retain the following to specify minimum experience of installer.

* + 1. Installer Qualifications: Minimum [2] [\_\_] years’ experience in work of this Section.
		2. Mockup: [One full size planter module.] [\_\_\_\_.]
1. PRODUCTS
	1. MANUFACTURERS

* + 1. Contract Documents are based on Recuro by Architerra Designs, [www.architerradesigns.com](http://www.architerradesigns.com).

Edit the following to indicate whether substitutions will be allowed for the products in this section.

* + 1. Substitutions: [Refer to Division 01.] [Not permitted.]
	1. MANUFACTURED UNITS

If more than one planter size, shape, or material is used, utilize the schedule at the end of this section.

* + 1. Bioretention Planters:
			1. Material: [Steel, ASTM A36/A36M, ASTM A283, or ASTM A1008/A1008M.] [Aluminum, ASTM B209 or B221, 5052-H32 alloy and temper.] [Weathering steel, ASTM A588 or A606.] [Stainless steel, ASTM A276/A276M or ASTM A666, Type [304] [316].]
			2. Type: [Non-infiltrating.] [Infiltrating.] [Modular non-infiltrating.] [Modular infiltrating.] [Round.] [Custom, as indicated on Drawings.]
			3. Size: [[\_\_ x \_\_] inches x [\_\_] inches high.] [[\_\_] inch diameter x [\_\_] inches high.] [Custom, as indicated on Drawings.]
			4. Top style: [Straight.] [Flanged.]
			5. Drain port: [4] [6] inch Schedule 40 PVC.
			6. Drainage components: [4] [6] inch perforated Schedule 40 PVC underdrain.
			7. Splash block: 12 x 12 inches, open bottom.
			8. Weir/overflow: [Notched weir.] [Adjustable weir.] [Atrium grate.] [Flow control orifice on pipe discharge.]
			9. Level spreader: Modular dispersion device, [4 x 4 inches x [2] [4] [6] [8] feet long.] [custom shape and length.].

A variety of scupper/spout styles is available; contact Architerra Designs for assistance in selecting and specifying scuppers/spouts.

* + - 1. Scupper/spout: [\_\_\_\_.]

Retain the following for thermally modified wood facings.

* + 1. Facings: Thermally modified wood by ThermoryUSA or Kebony.
			1. Species: [\_\_\_\_.]
			2. Nominal size: [\_\_\_\_.]
			3. Color: [\_\_\_\_.]
			4. Surface texture: [\_\_\_\_.]
			5. Finish: [\_\_\_\_.]
	1. ACCESSORIES

Contact Architerra Designs for assistance in selecting and specifying accessories.

* + 1. Geosynthetic Fabric: [\_\_\_\_.]
		2. Biofiltration Media: [\_\_\_\_.]
		3. Aggregate: [\_\_\_\_.]
		4. Mulch: [\_\_\_\_.]
	1. FABRICATION
		1. Fabricate planters from material of thickness to suit project conditions.
		2. Provide internal reinforcing required to withstand applied loads.
		3. Form or weld joints, with welds ground smooth.
	2. FINISHES

Retain the following for steel and aluminum planters.

* + 1. Finish: [Powder coat,] [Tnemec high performance coating system,] [\_\_\_\_] [custom] color [to be selected from manufacturer’s standards].] [Mill finish.]

\*\*\*\* OR \*\*\*\*

Retain the following for weathering steel planters.

* + 1. Finish: Mill finish.
1. EXECUTION
	1. INSTALLATION
		1. Install in accordance with manufacturer’s instructions and approved Shop Drawings.
	2. SCHEDULE

Utilize this schedule if more than one planter size, shape or material is required.

PLANTER DESIGNATION SIZE SHAPE

[\_\_\_\_] [\_\_\_\_] [\_\_\_\_]

 END OF SECTION