

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB	
PROJECT NAME	
8274 BIG BEND BLVD	
ADDRESS	
NUMBER	
WEBSTER UNIVERSITY	
OWNER	
CANNON DESIGN	
ARCHITECT / ENGINEER	
Joe Voypick	
SUBMITTED BY	
129300-001	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
	129300
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
	CRITICAL

ITEM BEING SUBMITTED (check only one)

- | | | |
|---|--|--|
| ☐ Shop Drawings | ☐ Certification / Qualifications | ☐ Coordination Drawing |
| ☐ Samples (____ copies) | ☐ Record Documents | ☐ Calculations |
| ☐ LEED Submittal | ☒ Product Data | ☐ Schedules |
| ☐ Other _____ | | ☐ O&M Manuals |

ITEM BEING SUBMITTED FOR (check only one)

- ☒ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

No submittal required per spec, please select color from chart

CONTRACTOR / CM CERTIFICATION (SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)



PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:

Devin D. Gates

To be completed by Reviewer

12 9300-001
CANNON DESIGN SUBMITTAL NUMBER
4/18/17
RECEIVED DATE

- ☐ A. No Exceptions Taken
No further review of submittal is required.
- ☐ B. Make Corrections Noted
Incorporate corrections in work; resubmission is not required.
- ☒ C. Revise and Resubmit
Revise as noted, and resubmit for review.
- ☐ D. Rejected
Submittal is not in compliance with Contract Documents; provide new submittal.
- ☐ E. For Record / Information Only
Submittal was reviewed for Record / Information purposes only.
- ☐ F. Not Required for Review
Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS

☐ See attached sheet(s) for additional comments

Provide following color samples for color selection -

1. Bronze
2. Stormcloud
3. Steel
4. Stone
5. Titanium

Joe Voypick

REVIEWED BY

4/17/17

DATE

Kelvin Patel

REVIEWED BY

Digitally signed by Kelvin Patel
DN: C=US, E=kpatel@cannondesign.com, O=Cannon Design,
OU=Architect, CN=Kelvin Patel
Date: 2017.04.27 16:45:49-05'00'

4/27/17

DATE



PARIC
EXPERIENCE. EXCELLENCE.

77 Westport Plaza
Suite 250
St. Louis, MO 63146

TRANSMITTAL

No. 15051-0554

Paric Corporation

PROJECT: 15051-Webster University Interdisciplinary Science Building

DATE: 04/17/2017

TO: Cannon Design
1100 Clark Ave
St Louis MO 63102

Fax;
314-241-2203

RE: Bike Rack Product Data

ATTN: Kelvin Patel

JOB: 15051

WE ARE SENDING:	SUBMITTED FOR:	ACTION TAKEN:
☐ Shop Drawings	☒ Approval	☐ Approved as Submitted
☐ Letter	☐ Your Use	☐ Approved as Noted
☐ Prints	☐ As Requested	☐ Returned After Loan
☐ Change Order	☐ Review and Comment	☐ Resubmit
☐ Plans		☐ Submit
☐ Samples	SENT VIA:	☐ Returned
☐ Specifications	☐ Attached	☐ Returned for Corrections
☒ Other: Product Data	☐ Separate Cover Via:	☐ Due Date:

Item	Package	Code	Rev.	Copies	Date	Description	Status
Submittal		129300-001	1		04/17/2017	Bike Rack Product Data	Submitted

NOTES:

CC:

Signed: _____

Devin Gates

CONCORD COLLECTION

Product Data Sheet

**Poe Litter Receptacle**

- Heavy duty construction (Cast and extruded aluminum).
- Litter base is cast iron for stability.
- All units are 34 gallon capacity.
- Side opening style may be specified with signage to designate collection of recyclables or waste. Choose slot, 5" diameter or standard opening.
- Black polyethylene liner ships with each unit.
- Units feature hinged side door for easy emptying.
- With or without lock.
- Shipped with freestanding glides.
- Surface mount holes provided in base.
- Recycling litter signage is available with standard wording options, available on landscapeforms.com Custom wording available for an upcharge.
- Poe ships fully assembled.

	STYLE	DEPTH	WIDTH	HEIGHT	PRODUCT WEIGHT
	side opening	29"	29"	44"	189 lb
	side opening 5" hole	29"	29"	44"	195 lb
	side opening 5" slot	29"	29"	44"	195 lb
	top opening	29"	29"	39"	181 lb

Emerson Bike Rack

- Capacity: 2 bikes
- Cast aluminum frame.
- Cast aluminum cover plate.
- Cover plate conceals anchoring hardware and leveling glide adjustment screws
- Surface mount or embedded.
- Attachment method guards against theft.
- 4 stainless steel leveling glides are preinstalled for easy field adjustment .
- Emerson ships fully assembled.
- Bike racks must be placed 30" apart, and 24" from wall.
- Meets APBP guidelines.

	STYLE	DEPTH	WIDTH	HEIGHT	PRODUCT WEIGHT
	bike rack	4"	20"	30"	25 lb

Based on Sheet L500

CONCORD COLLECTION

Product Data Sheet



Hawthorne Path Light and Alcott Pedestrian Light

- Please refer to product data sheet on the more details page for technical information and specifications.

Finishes

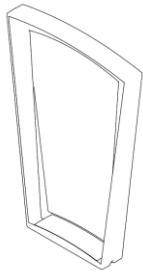
- All metal parts are finished with Landscape Forms' exclusive Pangard II® polyester powdercoat – a hard, yet flexible, finishing process that resists rusting, chipping, peeling and fading.
- A wide range of standard, optional and custom colors are available.

To Specify

Visit <http://pricebook.landscapeforms.com>

Designed by Robert A.M. Stern Architects

Visit our landscapeforms.com for more information. Specifications are subject to change without notice.
Landscape Forms supports the Landscape Architecture Foundation at the Second Century level.
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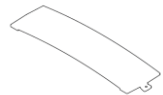


Bike Rack

Included components



1x - Frame



1x - Cover plate



1x - Set screw
1/4-20 x 1"



Embedded option:
2x - Threaded rod
5/8-11 x 3-1/2"
with thread patch

Tools Required

- Unit ships assembled
- 1/8" hex key
- 3/16" hex key
- Hammer drill with masonry bits
- For embedded mount option: chemical anchoring adhesive (Hilti HIT RE 500 or equivalent)
- For surface mount option: stainless steel anchoring hardware, (2) required per unit (not included). Landscape Forms, Inc. recommends maximum 1/2" dia bolt, with a minimum embedded depth of 3" (see Fig. 5. for bolt clearances).

WARNING! Unit must be anchored.

HANDLE WITH CARE! Emerson's finish can be scuffed by contact with tools, concrete, or other abrasive surfaces. Protect the finish from damage during installation. Use touch-up paint to repair any powder coat finish abrasions.

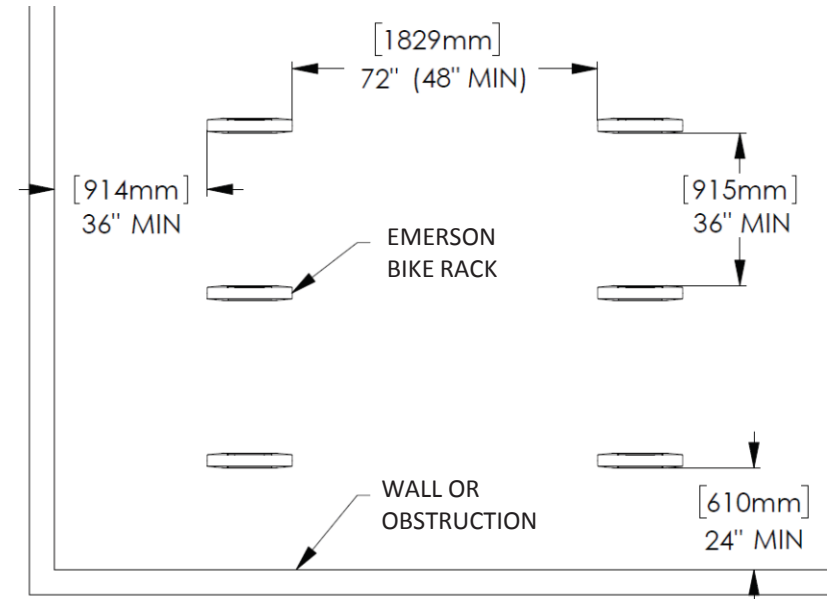


Fig. 1. - Recommended spacing, according to Association of Pedestrian and Bicycle Professionals (APBP)

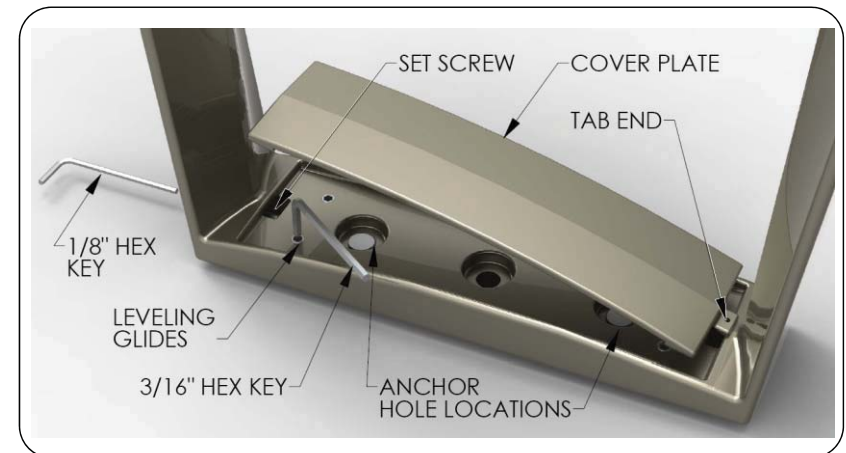


Fig. 2. – Component detail

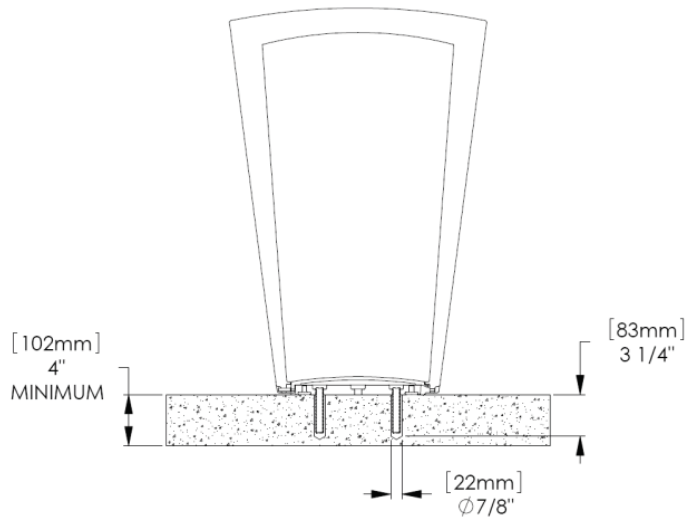


Fig. 3. – Hole size for embedded bike rack

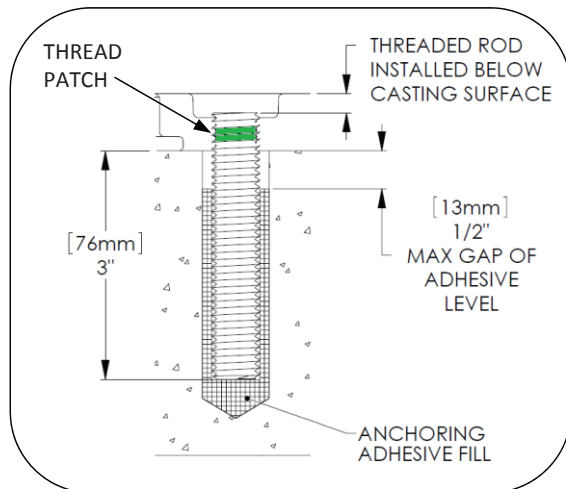


Fig. 4. – Install threaded rod

INSTALLATION PROCEDURE:

WARNING! Unit must be anchored.

1. Set bike rack in position. Using 3/16" hex key, adjust leveling glides until unit is plumb.
2. Mark hole locations. See Fig. 1 for recommended spacing.
3. Move bike rack and drill holes. Clear debris from holes.

FOR EMBEDDED MOUNT:

1. Thread anchor rods with thread patch into bike rack as shown in Fig. 4.
2. Fill holes with adhesive to level shown in Fig. 4.
3. Set unit in place and wipe away excess adhesive.
4. After adhesive has fully cured to manufacturer's recommendation, turn all four leveling glides equally until tight to remove any excess movement of the bike rack.

FOR SURFACE MOUNT:

1. Set unit in place and install anchor bolts (not supplied by Landscape Forms) according to anchor manufacturer's instructions.
2. Turn all four leveling glides equally until tight to remove any excess movement of the bike rack.

FOR COVER PLATE INSTALLATION:

1. Install cover plate by inserting tab end into casting frame.
2. Using 1/8" hex key, install 1/4-20 set screw in opposite end of cover plate, through the casting frame.
3. Tighten set screw until cover plate is secure. **Warning!** Do not over tighten the set screw, which can cause the cover plate to deform.

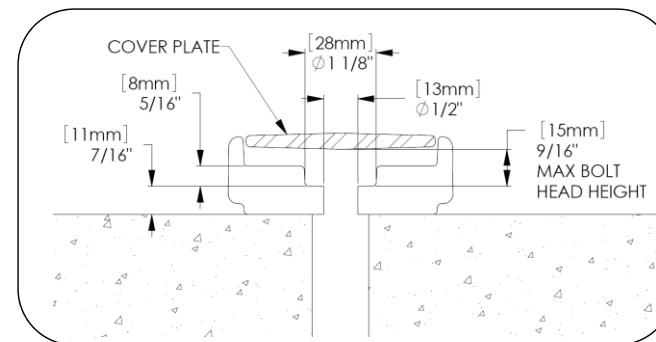


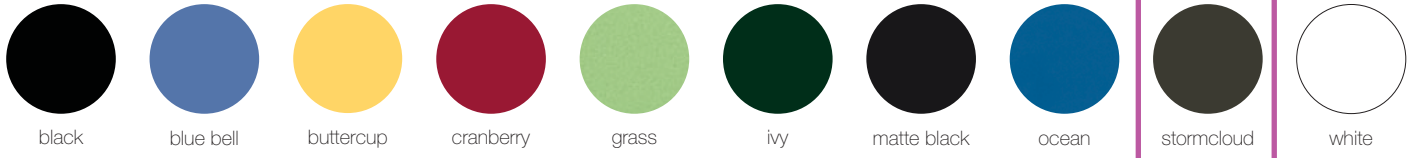
Fig. 5. – Anchor hole clearance for surface mount

EMERSON

Materials / Colors

Powdercoated Metal

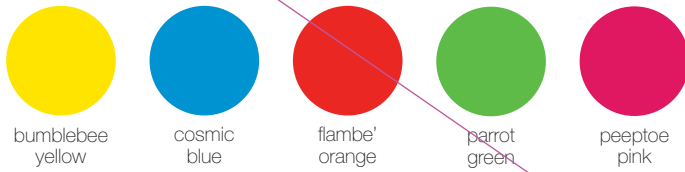
In addition to colors shown below, a wide selection of optional and custom colors may be specified for an upcharge.



Metallic



2013 Color Series*



Provide color samples for color selection



Emerson

May 2012

With our roots in the landscape and a stated purpose to “Enrich Outdoor Spaces,” Landscape Forms has a special relationship to the natural environment. We have always been mindful that as we design and manufacture products that are acted upon by the environment, we act upon it in turn. Environmental sustainability is completely consistent with our purpose, our goals, our values and our principles. We make stewardship of the environment a vital part of our business.

To learn more about our sustainability initiatives, refer to our [Environmental Statement](#).

EMERSON IS MANUFACTURED USING THE FOLLOWING MATERIALS:

Material	Parts	Recyclable
cast aluminum	all	100%

Finishing

All metal is finished with Pangard II ® polyester powdercoat, which is lead-free, hazardous air pollutants-(HAPS) free, does not generate hazardous waste, and contains less than 1% VOCs. Once processed, these trace VOCs are fully inert therefore the finish does not release airborne contaminants.

Packaging Materials	Parts	Recyclable
biodegradable plastic	product bagged to protect finish	100%
recycled skid		100%
cardboard with 35% recycled content		100%

To find local recyclers visit: for steel: www.recycle-steel.org; for cardboard: www.corrugated.org.

LEED®

This product may help achieve the following points under the LEED 2009 Rating System. For specifics regarding rules for the inclusion of furniture, please consult the rating system and reference guide that applies to your project.

SS Credit 4.2 Alternative Transportation—Bicycle Storage and Changing Rooms

Intent

To reduce pollution and land development impacts from automobile use.

Landscape Forms bike racks may contribute to this credit.

Materials and Resources

MR Credit 4, Recycled Content

Intent

To increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin materials.

Recycled Content

Style	Total	Post Consumer	Pre Consumer
bike rack	37	19	18

MR Credit 5, Regional Materials

Intent

To increase demand for building materials and products that are extracted and manufactured within the region, thereby supporting the use of indigenous resources and reducing the environmental impacts resulting from transportation.

This product is categorized as Furniture and Furnishings, Division 12. MR Credit 5 is to include only products in Division 2 – 10 of the (CSI) MasterFormat. At the option of the project, Division 12 may be included, but then must also be included consistently in MR Credits 3 through 7.

This product is manufactured in our Kalamazoo, MI facility, zip code 49048. Many of our suppliers are located within a 500 mile radius of this facility, but they may source raw materials from multiple sources. If the project is within 500 miles of Kalamazoo and you wish to consider this product for MR Credit 5, please contact Landscape Forms prior to order placement to explore the possibility of specifying regionally sourced raw materials.

CARE AND MAINTENANCE

Emerson is designed and engineered to live a long, useful life in outdoor spaces without the use of chemical cleaners to maintain the finish. The durability, longevity and low maintenance of our products contribute to responsible stewardship of the earth’s resources.

All metal is finished with Landscape Forms’ proprietary Pangard II® polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling and fading and requires no cleaning solvents once installed. Clean surface as needed using a soft cloth or brush with a mild detergent. Avoid steam cleaning, abrasive cleansers, carbon steel brushes/wools and cleaners containing chlorine. Outdoor use will require periodic finish inspection and maintenance. Inspect periodically for scratches, nicks and gouges. Touch-up paint is included with every order and can be used to repair minor nicks and scratches.