

Shop Drawing Submittal Review

Transmitted To: Cannon Design

Date: January 17, 2017

Attention: stl-cac@cannondesign.com

Contact Person / WTA Field Inspector:
Patrick Garner

Project Name: Webster University-**ISB**

Reviewed by: Mark de la Fuente

Project No. WT 14127.01

☐

UPS

☐

Courier

☒

Email

Copies	No.	Description
1 PDF	265200E03	(Submittal No.'s:) (R&B CxSRC)
		(Cannon #265200-007) - (Paric #15051-) - (WES #607)
		➤ Site Lighting Point-To-Point Layout

Remarks:

c: **Kelvin Patel**
Kpatel@cannondesign.com

☐ Furnish as Submitted

☐ Furnish as Noted

☐ Rejected

☐ Revise & Resubmit

☒ **Reviewed**

☐

Corrections or comments made on shop drawings during this review do not relieve contractor from compliance with requirements of drawings and specifications. This check is only for review of general conformance with the design concept of project and general compliance with information given in contract documents. Contractor is responsible for: confirming and correlating all quantities and dimensions; selecting fabrication processes and techniques of construction; coordinating his work with that of all other trades; and performing his work in a safe and satisfactory manner.

141127.01 - 265200 E03
MAD TO REVIEW
01/12/17

WTASHOP - Webster ISB - 26 5200-007

From: STL-CAC <STL-CAC@CANNONDESIGN.COM>
To: 'Patrick Garner' <pgarner@wmtao.com>, "WTASHOP (WTASHOP@wmtao.com)" <WTA...>
Date: 1/12/2017 9:51 AM
Subject: Webster ISB - 26 5200-007
Cc: "Patel, Kelvin" <kpatel@CANNONDESIGN.COM>
Attachments: 265200-007 Site lighting point by point layout.pdf

Attached for review.

Melissa Pirtle

CANNONDESIGN

1100 Clark Ave
St. Louis, Missouri 63102
T [314.425.8797](tel:314.425.8797)
cannondesign.com

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

PROJECT NAME	
ADDRESS	
NUMBER	
OWNER	
ARCHITECT / ENGINEER	
SUBMITTED BY	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
CRITICALITY	

To be completed by Reviewer

CANNON DESIGN SUBMITTAL NUMBER
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.

ITEM BEING SUBMITTED (check only one)

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

ITEM BEING SUBMITTED FOR (check only one)

- ☐ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

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.

Ry:

Devin D. Gates

REVIEWED BY	DATE

A/E COMMENTS

- ☐
- See attached sheet(s) for additional comments

REVIEWED BY	DATE



FIXTURES MOUNTED ON 12' POLE
 LIGHT LEVEL CALCULATED ON THE GROUND

Luminaire Schedule									
Symbol	Qty	Label	Arrangement	LLD	BF	Lum. Watts	Total Watts	LLF	Description
	4	EG3	SINGLE	0.940	0.950	66.2	264.8	0.893	1970LED-F-GTSR-SV1-4ARC45T3-MDL03
	7	EG5	SINGLE	0.940	0.950	66.7	466.9	0.893	1970LED-F-GTSR-SV1-4ARC45T5-MDL03
	3	EG5R	SINGLE	0.940	0.950	66.7	200.1	0.893	1970LED-F-GTSR-SV1-4ARC45T5-MDL03
	20	EA	SINGLE	0.285	1.000	12.5	250	0.257	10 LUXRAIL -ASYM-3K

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	
NORTH BIKE RACK	Illuminance	Fc	2.12	4.7	0.5	4.24	9.40	
NORTH EAST SIDEWALK	Illuminance	Fc	2.58	5.8	0.4	6.45	14.50	
SOUTH WALK ADJ TO BLDG	Illuminance	Fc	2.21	4.8	0.5	4.42	9.60	
STAIR 1	Illuminance	Fc	3.42	6.7	0.4	8.55	16.75	
STAIR 2	Illuminance	Fc	3.60	9.3	0.3	12.00	31.00	

DESIGN IS BASED ON CURRENT INFORMATION PROVIDED AT THE TIME OF REQUEST.
 ANY CHANGES IN MOUNTING HEIGHT OR LOCATION, LAMP WATTAGE, LAMP TYPE, AND
 EXISTING FIELD CONDITIONS, THAT EFFECT ANY OF THE PREVIOUSLY MENTIONED, WILL
 VOID CURRENT LAYOUT AND REQUIRE A CHANGE REQUEST AND RECALCULATION.

STERNBERG IES FILES TESTED ARE 45K SO AN ADDITIONAL
 COLOR TEMPERATURE CORRECTION OF 6% APPLIED TO
 FIXTURES AND USED AS THE LLD