

**MOORPARK CITY COUNCIL  
AGENDA REPORT**

**TO: Honorable City Council**

**FROM: Hugh R. Riley, Assistant City Manager**

**BY: Ky Spangler, Special Project Consultant**



**DATE: December 5, 2012 (CC Meeting of 12/19/12)**

**SUBJECT: Consider Additional Funding for Additional Work to Perform Installation of Revised Exterior Trellis Materials and Amendment No. 5 to the Agreement with Standard Drywall, Inc. for the Ruben Castro Human Services Center**

**BACKGROUND & DISCUSSION**

The Ruben Castro Human Services Center (RCHSC) was constructed as a multiple-prime contract project with construction management provided by Barnhart Balfour Beatty Construction (Balfour-Beatty). Bids were solicited from trades in September, 2010, opened on October 21, 2010 and bids were awarded by the Moorpark City Council on January 19, 2011. Standard Drywall, Inc., (SDI) was selected as the lowest responsive and responsible bidder for the Finishes bid package and a construction agreement was executed on April 12, 2011. The original contract amount was for \$2,175,000 with a contingency amount of \$217,500.

The design of the RCHSC included an exterior trellis element to provide both architectural interest and shaded areas to reduce direct afternoon sunlight into building windows and offer shaded retreats for patrons visiting the center. The architect specified a composite material called "Trex" for the construction of the sunshade element.

During the final exterior construction and installation of the Trex onto the steel outrigger supports, a concern was raised by Balfour-Beatty's construction team about the span distances for this material and bending and twisting of the Trex material which was being seen. The architect of record, HMC Architects (HMC), requested that a full section of the trellis be completely installed prior to making a final determination on the performance of the material. Upon completion of an installation of a full section of the Trex material, a subsequent proposed supporting retrofit, and direct contact with the manufacturer, Balfour-Beatty and City representatives determined that the Trex material was improperly specified for the intended use, and that an alternative material would be required. A Report from Balfour-Beatty supporting this determination is Attachment 1.

The Trex material is primarily used in deck construction. The manufacturer would not warrant the use of the Trex material to span beyond 16 to 24 inches without additional lateral support, as it would most likely sag over time. (See Attachment 2- Photograph of the Trex originally installed)

Balfour-Beatty, together with City staff, sought alternative materials, including different sizes and thicknesses of tube steel, angle iron, and "C" channel to replace the original Trex composite lumber. While material and pricing costs were being collected, Balfour-Beatty also researched a manufacturer called Airolite, which produces a number of sunshade products including louvers, grilles, and other sun control applications. A rendering of the staff-recommended alternative is Attachment 3.

Balfour-Beatty compiled pricing for the various alternative materials and labor from the structural steel contractor, Steelcon, Inc. Additionally, Balfour-Beatty obtained costs for the installation of the Airolite product from two other trades who hold licenses required to install this specific product; Best Contracting, Inc., and Standard Drywall, Inc. SDI presented the most competitive cost for installation of the Airolite sunshades. A recap of the alternative materials and costs, including labor is provided below.

<u>MATERIAL</u>	<u>COST</u>
1x1x.122 tube steel	\$ 148,329.99*
1x1x.166 tube steel	\$ 161,592.10*
2x2x.188 tube steel	\$ 176,537.22*
2x4x.188 tube steel	\$ 202,434.04*
2x4x.250 tube steel	\$ 222,365.96*
3x3x1/4 steel angle (8 per bay used with TREX)	\$ 102,971.41*
3' C Channel 94 per bay used with TREX)	\$ 99,421.25*
2x4 unfinished aluminum	\$ 174,725.39*
6063 T52 Alum. 2x4x1/8" tube	\$ 135,653.18*
 Airolite Sunshade System by SDI	 \$ 160,772.00**
* Cost does not include freight or engineering	
** Includes deduct for uninstalled TREX Labor. TREX material turned over to City	

Based on factors including the original design appearance intent, ability to attach to the existing outriggers, labor cost for installation, and future maintenance costs, City representatives and Balfour-Beatty concurred that the Airolite sunshade product would be the overall superior choice of the various alternatives available to replace the Trex composite material. An additional consideration is that the Airolite closely resembles the shade features used above south and west facing windows in Building A. The total cost for the material and installation of the Airolite sunshades is \$160,772.

The Trex material has already been purchased at a cost of \$3,500 and cannot be returned to the supplier and therefore the Trex material has been transferred to the City's possession. The City will seek reimbursement from HMC in the amount of \$3,500 to cover the cost of the Trex material that cannot be used on the project and the cost for the partial installation of one section of the TREX and for its removal \$1,400 for a total of \$4,900. Balfour-Beatty has agreed to provide installation supervision at no cost to the City.

There have been four previous amendments issued for changes, modifications, and construction alterations requested or required during the course of construction. A recap of the original contract and amendments issued to date is provided below:

<u>Original Contract</u>	\$2,175,000.00
Amendment No. 1	\$ 26,203.05
Amendment No. 2	\$ 10,737.41
Amendment No. 3	\$ 42,725.43
Amendment No. 4	\$ 32,966.96
Current Agreement Amount	\$2,287,632.96
<u>Amendment No. 5</u>	
Installation of trellis sunshade material	\$ 160,772.00
<b>Revised Agreement Amount</b>	<b>\$2,454,404.85</b>

Currently there is \$104,867.15 in contingency remaining within SDI's contract. The cost for the installation of the sunshade is \$160,772 which exceeds the remaining contingency by \$55,904.85. Therefore staff is seeking the approval of this additional amount for the installation of the revised sunshade material.

**FISCAL IMPACT**

The actual Contract Change Order is summarized as follows:

- SDI labor and Materials for Airolite installation \$ 175,588
- SDI give back for original Trex materials and install (\$ 14,816)\*
- Adjusted cost for Airolite install \$ 160,772

\*SDI has given back the entire material and labor SOV for the Trex in the change request they provided for the Airolite change.

The Fiscal Year 2012/2013 Capital Improvement budget for the Ruben Castro Human Services Center (Fund 5020) is \$13,770,119. To date \$12,017,801 has been expended with \$1,488,816 left in encumbrances and \$263,501 available project balance. Therefore, no additional funds need to be budgeted for the proposed work at this time. Sufficient funds exist in the budget to cover this work.

**STAFF RECOMMENDATION**

Approve additional funding in the amount of \$55,904.85. for installation of revised exterior architectural sunshade material for the Ruben Castro Human Services Center and authorize the City Manager to execute Amendment No. 5 in the amount of \$160,772 to Standard Drywall, Inc., subject to final language approval of the City Manager and City Attorney.

- Attachment 1: Balfour-Beatty Construction Report dated November 6, 2012
- Attachment 2: Photograph of Trex Material as installed.
- Attachment 3: BIM Image of recommended AiroLite Sunshade
- Attachment 4: Amendment No. 5 to Standard Drywall, Inc.

# Balfour Beatty Construction

Hugh R. Riley  
Assistant City Manager  
799 Moorpark Ave.  
Moorpark CA 93021

November 6, 2012

**Project ; Ruben Castro Human Services Center, City of Moorpark**

**Re; Exterior Trellis/Sunshade feature at Building B**

Dear Mr. Riley,

As you are aware, the City and Balfour Beatty Construction (BBC) have concerns with the materials specified as the sunshade cover for the exterior trellis/sunshade feature located at the West, South and East facades of Building B.

As indicated and specified in the Contract Documents, a trellis/sunshade feature is indicated and detailed at Building B. This trellis/sunshade is to provide partial building shading and an architectural element to the Project. Construction of the trellis/sunshade feature includes equally spaced (10 feet to 15 feet on center) freestanding structural steel columns with structural steel outriggers in addition to structural steel outriggers attached to the exterior of the building (structural steel columns supporting the outriggers are concealed in the building exterior walls). Trex material is then specified and detailed to be installed on edge (tall face of the material set in a vertical position) on top of the outriggers in perpendicular orientation to the structural supports. Trex (mfr. name) is fabricated from synthetic materials and is compressed to closely resemble a natural wood framing member. Along the South and East trellis features, 2x4 Trex material was specified, at the West trellis feature, 2x6 Trex material was specified due to the longer spans between the structural steel support system.

About the second week of August, 2012, installation of the Trex material at the East façade and the South façade starting from the East working to the West was started. Immediately following installation of several sections of the system, it became apparent that the nature of the Trex material would not maintain a straight line along the material length. The material, although fastened to the structural support system per the plan details, developed for lack of better terms, a wavy appearance along with a horizontal sag between the outrigger supports. Along the length of the Trex members, spacing varied significantly and a sag of +1/2" between the outriggers was evident. Concerned with the appearance of the installation, we suspended further installation pending further review by the HMC Architects.

On August 20, 2012, following confirmation by BBC that all specified and detailed directions were followed during installation of the Trex material, RFI #0326 was submitted to HMC Architects for their review and response. Included in the RFI were comments received from the material manufacture stating the specified material was not designed to span more than 16"-20" between supports. As mentioned above, the structural steel support system is spaced equally between 10 feet and 15 feet. Response to the RFI was received August 22, 2012 indicating options to install additional spacers at a 24" interval and/or suggest pricing for replacement of the specified materials with similar shaped aluminum members, fiberglass members or perforated flat sheet metal material. Installation of the additional spacers was performed to confirm if the suggestion resolved the uneven spacing of the Trex members. Although the spacing was improved, the fix did not fully eliminate the uneven spacing (photo # 1) nor the material sag between support members (photo # 2).

Preliminary pricing for optional trellis/sunshade materials was then initiated. Optional materials included various sizes and shapes of aluminum tube and steel tube sections however the preliminary pricing was performed without final details and specifications from the Architect. An outline of the preliminary costs for optional materials is attached for reference. As of this date, no further formal direction or formal recommendation has been received from the Architect.

**ATTACHMENT I**

In consideration of the City's review, a concern raised with various material options was future maintenance expenditures that the City had not forecasted in the Project's maintenance program. Use of a steel product would require periodic repainting. Considering the total length of material required being approximately 8,200 lineal feet, prep and repaint of the system would be costly and very time consuming. Aluminum finishes could be factory applied but are expensive.

After further discussion and research by the City and BBC, a secondary option is being considered. At Building A (VCMC), prefabricated aluminum eyebrow sunshades have been installed. Using this same concept, the supplier of the sunshades has developed a proposal to provide pre-fabricated sunshade sections that are pre-finished and engineered to span the existing structural steel support system. Installation pricing is in progress and will be shared with the City immediately upon receipt. At that time discussion will take place considering all options including effectiveness and cost impact of each option. The intent of these discussions will allow for a final selection of the most cost effective and lowest maintenance solution. Included in the decision will be credit back to the City for the unused cost for installation of the originally specified Trex materials. The Trex material itself is not returnable and will be handed over to the City for its discretionary use.

Should you have any questions or concerns, please do not hesitate contacting me at anytime.

Sincerely,



Dennis Kuykendall  
Senior Project Manager  
Balfour Beatty Construction

Cc: Jeremy Laurentowski, City of Moorpark  
File



Photo # 1 Variance of spacing due to instability of Trex Material  
(Additional material spacers have been installed)



Photo # 2 Sag of Trex material over length of span between supports



Photo # 3 Existing structural steel support system

# Balfour Beatty Construction

Received by  
HMC Architects  
08/20/2012, 12:09:12 PM

## Request For Information

**Project** [10935] - Ruben Castro Human Services Center **Date** 8/20/2012  
**Project Number** 10935000

Balfour Beatty Construction  
300 East Esplanade  
Suite 1120  
Oxnard, CA 93036  
Phone: 805-983-1558  
Fax: 805-983-7249

**RFI No.** 0326

<b>Primary Responder</b>	Emily Kay HMC Architects 633 W. 5th Street third floor Los Angeles, CA 90071-2005 USA	<b>Date</b>	8/20/2012
<b>CC</b>		<b>Status</b>	Submitted
<b>From</b>	John Squillace, Jr. Balfour Beatty Construction	<b>Resolved Date</b>	
		<b>Reason for Request</b>	Conflict
		<b>Action Requested</b>	Direction
		<b>Probable Cost Effect</b>	T.B.D.
		<b>Probable Time Effect</b>	T.B.D.
		<b>Priority</b>	Critical
		<b>Response Due</b>	8/27/2012

**Subject** Concerns with Trex composite wood installation  
**Drawing No.** A4.3, A6.3, A6.4 **Detail No./Paragraph**  
**CSI Code** 06 71 15 - Wood  
Composite Lumber

### Information Requested

Plan sheet A4.3 shows the layout of the trellis system along the West, South and East sides of Bldg B. Sheets A6.3 and A6.4 indicate the attachment of the 2 x 4 Trex Transcend composite wood system on top of the canopy steel. Sheet A4.3 shows the Trex material to span anywhere from 8'-6" to 15' between canopy beams.

During installation on August 15, 2012 there appeared to be an aesthetic issue with the Trex composite wood system being installed at the East end of Bldg B. Upon review of the wood, when installed on top of the canopy spanning approx 10' between beams is showing signs of the wood not being straight in line and sagging. This observation was shared with HMC the same day.

Balfour Beatty contacted the Manufacturer via email on August 15th requesting clarification on the approved span of the Trex material. The Trex manufacturer responded initially on August 16<sup>th</sup> and provided an updated response on August 17th stating the following;

August 16<sup>th</sup>, 2012

"Thank you for your question to Trex. We do not recommend spanning our 2 x 4's 10' on edge; the longest span recommended is 2' on center.

Please let me know if I can be of further assistance. Again, thank you for contacting Trex."

August 17<sup>th</sup>, 2012

"Thank you for contacting the Trex Company. We do not suggest the use of our deck boards on edge. If you are using a Trex 1" board you would have to install it 16" on center, this will give you 100 pounds per square foot which is required for a residential deck. If your joist are 24" on center you can use the 2" board this will provide a 100psf.

You can also view this information in the installation guide at: <http://www.trex.com/request-information/litcenter/index.htm>, go to Product installation, Chapter 4 Decking. The Span Chart is listed on page 32 if you are looking in the document.

Again, thank you for contacting the Trex Company. Please let us know if we can be of further assistance."

Based on the provided information from the manufacturer, the design of Trex material was not intended to be used on its edge nor span a distance more than 2' on center. This information was relayed via a phone conversation to HMC stating that there is an issue with the design of the canopy trellis system. On the afternoon of August 16, 2012, Balfour Beatty Construction requested Standard Drywall, the Trade installing the Trex material, to stop the installation as the product is not being installed per manufacturer's recommendations and cannot be warranted by the manufacturer.

Balfour Beatty Construction is requesting that HMC Architects either provide a resolution allowing the use of Trex material that meets the manufacturer's recommendation & can be warranted or provide an alternative product or system to be installed in its place.

<b>Recommendation</b>	We have several options: have the contractor install more of the spacers, perhaps at 2' centers; replace with similar shape 2x4 aluminum slats; replace with similar shape 2x4 fiberglass slats; replace with perforated metal sheets.
<b>Posted to Drawings</b>	
<b>Subcontractor Name</b>	BBC
<b>Subcontractor's RFI#</b>	I suggest that the contractor provide pricing and availability of these options for final selection, as discussed previously.

**Response Information**

<b>Responder</b>	E. Kay, HMC 8/21/12
Emily Kay	

**Disclaimer**

Authorized Signature \_\_\_\_\_ Emily Kay (HMC Architects) \_\_\_\_\_  
 Printed Name \_\_\_\_\_ Date \_\_\_\_\_

**Supporting documents and attached files**

This RFI has the following supporting documents and attached files:

Description	Date	Open as
File Director: BBC RFI 326- TrexTrellis System 8-18-12.msg 43KB	8/20/2012	
File Director: Trex Photo #1 8-17-12.JPG 2647KB	8/20/2012	
File Director: Trex Photo #2 8-17-12.JPG 2703KB	8/20/2012	

Attached file Supporting document





Ruben Castro

Alternate Trellis Cover materials Rough Estimate of Costs

Material	lf	weight	unit cost/ lf	unit cost per lb	Subtotal Material Cost	Unit cost to galv. Per lb	Subtotal Galv Cost	Subtotal Material Cost	Subtotal Labor Cost	Finish/Paint	Total Rough Cost - Est. ONLY	Comments
1x1x .122 tube steel	8,200	11,784	\$ .097	0	\$ 7,954.00	0.47	\$ 5,538.48	\$ 13,492.48	\$ 98,400.00	\$ 15,000.00	\$ 126,892.48	Cost does not include tax, freight, mark up
1x1x .188 tube steel	8,200	11,784	\$ 2.27	0	\$ 18,614.00	0.47	\$ 5,538.48	\$ 24,152.48	\$ 98,400.00	\$ 15,000.00	\$ 137,552.48	Cost does not include tax, freight, mark up
2x2x .188 tube steel	8,200	35,424	\$ 2.38	0	\$ 19,516.00	0.47	\$ 16,649.28	\$ 36,165.28	\$ 98,400.00	\$ 15,000.00	\$ 149,565.28	Cost does not include tax, freight, mark up
2x4x .188 tube steel	8,200	56,334	\$ 3.72	0	\$ 30,504.00	0.47	\$ 26,476.98	\$ 56,980.98	\$ 98,400.00	\$ 15,000.00	\$ 170,380.98	Cost does not include tax, freight, mark up
2x4 x.250 tube steel	8,200	72,242	\$ 4.76	0	\$ 39,048.40	0.47	\$ 33,953.74	\$ 73,002.14	\$ 98,400.00	\$ 15,000.00	\$ 186,402.14	Cost does not include tax, freight, mark up
3x3x 1/4" steel angle (8 per bay)	1,200	5,880	\$ 3.50	0	\$ 4,200.00	0.47	\$ 2,763.60	\$ 6,963.60	\$ 73,800.00	\$ 7,500.00	\$ 88,263.60	Cost does not include tax, freight, mark up
3' C Channel (4 per bay)	600	3,000	\$ 4.50	0	\$ 2,700.00	0.47	\$ 1,410.00	\$ 4,110.00	\$ 73,800.00	\$ 7,500.00	\$ 85,410.00	Cost does not include tax, freight, mark up
2x4 unfinished aluminum	8,200	0	\$ 7.03		\$ 57,646.00	0	\$ -	\$ 57,646.00	\$ 73,800.00	\$ 10,000.00	\$ 141,446.00	Cost does not include custom lengths, tax, freight, mark up,
6063 T52 Alum. 2x4x1/8" tube	8,200	0	\$ 3.20		\$ 26,240.00	0	\$ -	\$ 26,240.00	\$ 73,800.00	\$ 10,000.00	\$ 110,040.00	Cost does not include tax, freight, mark up,
6063 T52 Alum. 2x4x1/4" tube	8,200	0	\$ 5.98		\$ 49,036.00	0	\$ -	\$ 49,036.00	\$ 73,800.00	\$ 10,000.00	\$ 132,836.00	Cost does not include tax, freight, mark up

Note;

Installation rough estimate for tube sections is based upon a crew of (4) for (4) weeks including tools and equipment. Some cost/time saving could be realized if final details allow for shop fabrication of sections.

Installation rough estimate for angle iron and alum. Has been reduced due to less material (angle iron) or alternate attachment method (alum.)

Aiolite Sunshade system  
Aiolite Sunshade system

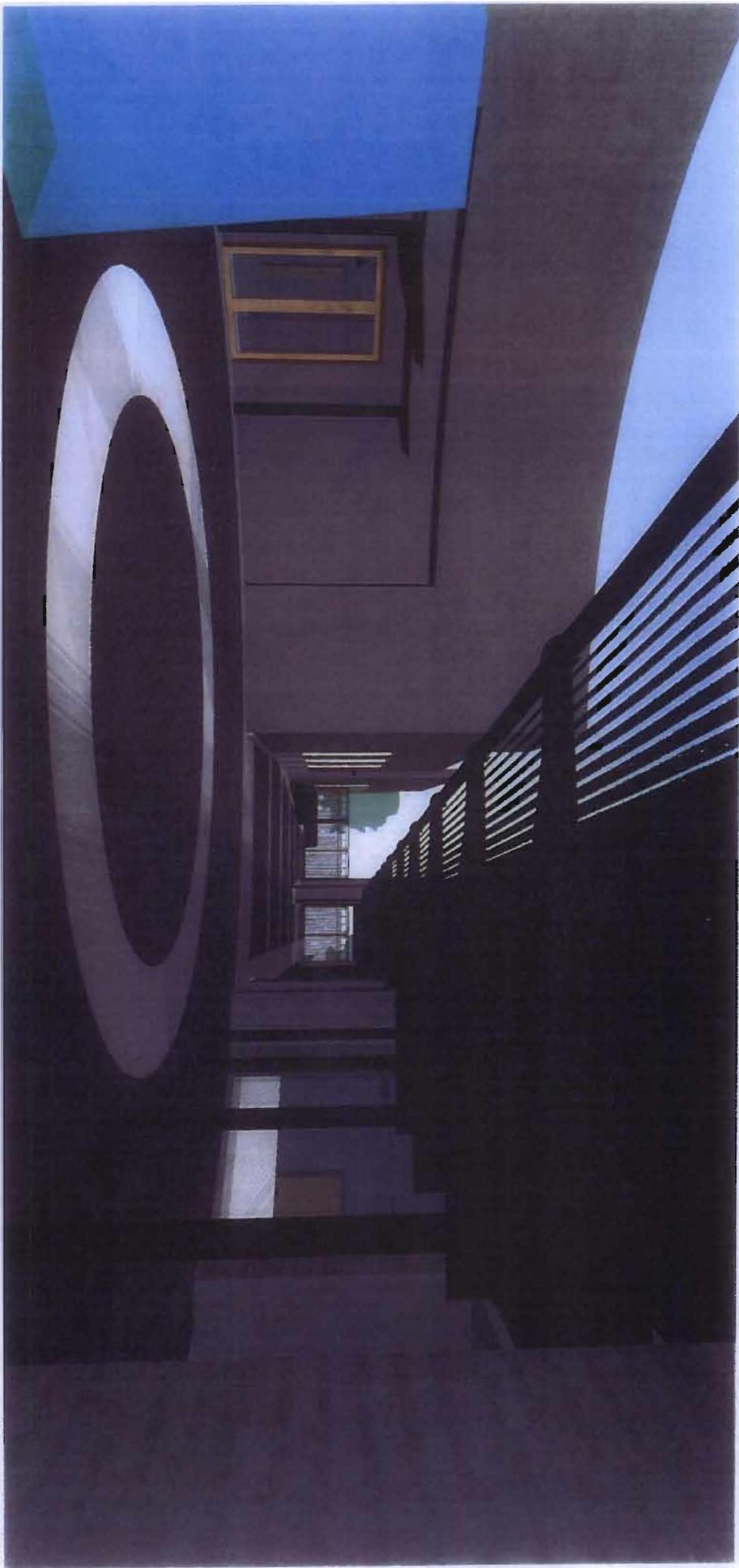
\$ 205,000.00 Best Contracting Proposal 11-2-12  
Awaiting Cost from SDI



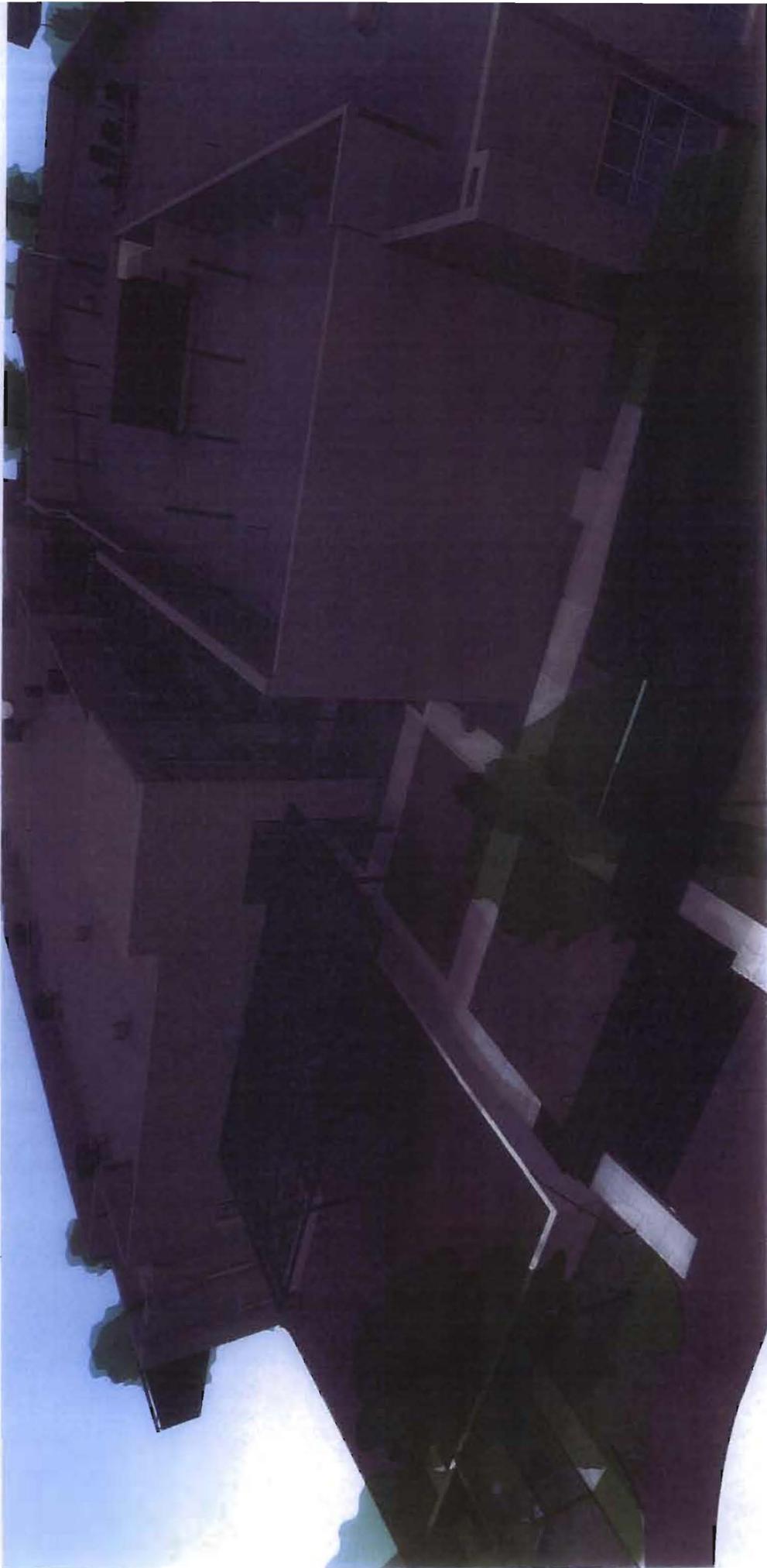
**ATTACHMENT 2**



ATTACHMENT 3







**ATTACHMANT 4**

**FIFTH AMENDMENT TO AGREEMENT 2011-107  
FOR BID PACKAGE #12 – FINISHES  
AT THE RUBEN CASTRO HUMAN SERVICES CENTER**

**THIS FIFTH AMENDMENT TO THE AGREEMENT FOR BID PACKAGE #12 – FINISHES (“Fifth Amendment”)**, is made and entered into this \_\_\_\_\_ day of \_\_\_\_\_, 2012, (“the Effective Date”) between the City of Moorpark, a municipal corporation, hereinafter referred to as “CITY”, and Standard Drywall, Inc., a California corporation, hereinafter referred to as “CONTRACTOR”.

**WITNESSETH:**

**WHEREAS**, on April 12, 2011, the CITY and the CONTRACTOR entered into an Agreement for finishes for the Ruben Castro Human Services Center; and

**WHEREAS** the CONTRACTOR has executed four previous Amendments to the Agreement totaling an amount not-to-exceed one hundred and twelve thousand six hundred thirty-two dollars and eighty-five cents (\$112,632.85) increasing the total not-to-exceed amount to two million two hundred eighty-seven thousand six hundred thirty-two dollars and ninety-six cents (\$2,287,632.96) for finishes for the Ruben Castro Human Services Center; and

**WHEREAS**, the CITY wishes to further amend the Agreement to include additional work to perform installation of revised exterior trellis materials as Amendment No. 5 to the Agreement with Standard Drywall, Inc., for the Ruben Castro Human Services Center at a cost not-to-exceed one hundred and sixty thousand seven hundred seventy-two dollars (\$160,772.00) as described in the CONTRACTOR’S Change Order Request No. 57 dated November 12, 2012, and incorporated herein as Exhibit PP to the Agreement by this Fifth Amendment; and

**WHEREAS**, this amount exceeds the ten percent (10%) contingency amount approved with the original Agreement by \$55,904.85; and

**WHEREAS**, on December 19, 2012, the City Council of the City of Moorpark approved additional funding for these additional services, and

**NOW, THEREFORE**, in consideration of the mutual covenants, benefits, and premises herein stated, the parties hereto AMEND the aforesaid Agreement follows:

**I. Section 2 of the Agreement is amended to include:**

Contractor's Scope of Services is amended to include the labor and materials required to provide pre-fabricated sunshade sections that are pre-finished and engineered to span the existing structural steel support system at the Ruben Castro Human Services Center.

The Scope of Services for the installation of pre-fabricated, sunshade sections that are pre-finished and engineered to span the existing structural steel support system at the Ruben Castro Human Services Center are included in the CONTRACTOR'S Change Order Request No. 57 dated November 12, 2012; attached hereto and incorporated herein as Exhibit QQ to the Agreement by this Fifth Amendment.

**II. Section 7 of the Agreement is amended to include:**

CITY hereby increases the not-to-exceed amount of \$2,287,632.96 under this Agreement by \$160,772.00 to \$2,454,404.85.

**III. Remaining Provisions**

All other terms and conditions of the original Agreement shall remain in full force and effect.

CITY OF MOORPARK

STANDARD DRYWALL, INC.

By: \_\_\_\_\_  
Steven Kueny  
City Manager

By: \_\_\_\_\_  
David J. Dearborn  
Project Manager

ATTEST:

\_\_\_\_\_  
Maureen Benson, City Clerk



November 12, 2012

Mr. Dennis Kuykendall  
Balfour Beatty  
300 E. Esplanade Drive  
Suite 350  
Oxnard, CA 93036

RE: Ruben Castro Human Services Center  
C.O.R. No. 57

Dear Dennis,

Enclosed please find our charge of **\$160,772** for additional work as described in our Change Order Request No. **57** on the above referenced project. Attached is a breakdown associated with the above change.

Qualifications:

This price excludes acceleration, overtime costs and time extensions to the contract.

This price reflects the current material pricing. Material order pending approval of this change order.

The above price is valid for thirty (30) days.

If you have any questions or require clarification of any kind, please do not hesitate to call.

Sincerely,

STANDARD DRYWALL, INC.

A handwritten signature in black ink, appearing to read 'David J. Dearborn', is written over a horizontal line.

David J. Dearborn  
Project Manager

3100 Palisades Drive • Corona, California • 92880

TEL: (951) 256-8656 • Fax: (951) 256-8657 • WWW.STANDARDDRYWALL.COM • OFFICES LOCATED IN CORONA, CA • SAN DIEGO, CA • SALT LAKE CITY, UT • JACKSON, WY • LAS VEGAS, NV

CA# 444328 • NM# 85263 • HI# 24487 • OR# 111655 • AZ# 127644-8 • UT# 5732716-5501 • ID# 13666-AAA-4 (1,26,47) •

**Standard Drywall, Inc.**  
**Ruben Castro Human Services Center**

Date: November 12, 2012

SDI COR # 57

**Change Description:**

**Install Metal Panels at Canopies**

**Note: PROPOSAL DOES NOT INCLUDE PE STAMP ADD \$1,500.00 PER EACH TIME.**

**Material**

Description	Quantity	Unit	Unit \$	Total
Specialty Building Components	1	LS X	\$111,539.000	\$111,539.00
Anchors to Beam	1	LS X	\$500.000	\$500.00
	0	LS X	\$0.000	\$0.00
	0	LS X	\$0.000	\$0.00
	0	LS X	\$0.000	\$0.00
	0	LS X	\$0.000	\$0.00
	0	LS X	\$0.000	\$0.00
	0	LS X	\$0.000	\$0.00
	0	LS X	\$0.000	\$0.00
	0	LS X	\$0.000	\$0.00
	0	EA X	\$0.000	\$0.00
<b>Material Sub-total</b>				<b>\$112,039.00</b>
<b>Tax @</b>				<b>9.25%</b>
<b>Total Material</b>				<b>\$122,402.61</b>

**Miscellaneous**

Westside - Move Trex to Yard	1 LS	X	\$ 375.38	\$375
Alum Panels - Scissor Lift	3 LS	X	\$ 409.00	\$1,227
	0 LS	X	\$ 409.00	\$0
<b>Miscellaneous Subtotal</b>				<b>\$1,602</b>
<b>O. + P @</b>				<b>5.00%</b>
<b>Total Miscellaneous</b>				<b>\$1,682</b>

**Labor:**

Carpenter - Install Aluminum Panels	480 Hrs.	X	\$60.04	\$28,819.20
	0 Hrs.	X	\$60.04	\$0.00
	Hrs.	X	\$60.04	\$0.00
	0 Hrs.	X	\$60.04	\$0.00
	0 Hrs.	X	\$60.04	\$0.00
	0 Hrs.	X	\$60.04	\$0.00
	0 Hrs.	X	\$0.00	\$0.00
<b>Total Labor</b>				<b>\$28,819.20</b>
<b>Sub-total</b>				<b>\$151,221.81</b>
<b>O. + P @</b>				<b>15.00%</b>
<b>Sub-total</b>				<b>\$173,905.08</b>
<b>Total Miscellaneous</b>				<b>\$1,682.50</b>
<b>Total Request</b>				<b>\$175,588</b>
<b>Deduct for Trex SOV</b>				<b>(\$14,816)</b>
<b>Net Total</b>				<b>\$160,772</b>

**Qualifications:**

1. The price indicated is for this change only and does not include any compensation for costs which may be incurred as a result of delays or accelerations.
2. The work quoted above will proceed only upon receipt of a written change order.
3. The price indicated is valid for thirty (30) days.
4. The work quoted above will add 0 Days to contract schedule.

S or P

**ARCHITECTURAL AND CONSTRUCTION PRODUCTS**

**PRICE QUOTATION**

To: From: Dave Pebley Sr.  
Company: Date:  
Pages: 1 including Cover Sheet

SBC No.: 2012-2014 Proj. Name: Ruben Castro Human Services  
Addendum Noted: None

**NOTE: Quote is valid for 30 days from date of quote.**

We respectfully submit our quotation to furnish the materials as listed below for this project.

**Product:** Sunshade, Mechanically Fastened Assembly.  
6" x 081" Extruded Aluminum Airfoil Blades. ( 5" O/C )  
6" x 0.25" Aluminum Shaped Plate Outriggers.  
Extruded Aluminum Mounting Brackets.

**Finish:** 2 coat Kynar 500 custom color match - Non-XL, Non-Metallic, Non-Exotic and Non-Pearlescent.  
Paint prices are based on using AKZO coatings; different vendors can be quoted upon request.

**Installation:** Bolts for attachment of Outriggers to the Bracket are included.  
Installation holes in the Outriggers and Brackets are included.  
Anchors into the condition are by Others.

**PE Stamp:** Stamped calculations are not included in base price  
If design calculations require a professional Engineer's stamp then add \$ 1,500.00 for each occurrence  
and per each set of individually stamped drawings.

Item	Qty	Width x Projection	Comments/Description
	1	124'-3" x Varies ( 8'-4" to 14'-9" )	Divided into 28 Sections
	1	49'-0" x Varies ( 20'-6" to 19'-4 1/2" )	Divided into 12 Sections
	1	22'-2" x 4'-1 1/2"	Divided into 2 Sections
	1	34'-0" x 9'-10 1/2"	Divided into 6 Sections

QUOTE - FOB FACTORY - INCLUDING TRANSPORTATION TO JOBSITE:

Base Price \$ 111,539.00 + Tax

FAX     E-mail    Date \_\_\_\_/\_\_\_\_/\_\_\_\_    By  Dave     David Jr.     Gail

- Expansion Joint Covers • Floor Doors & Roof Hatches • Fascia & Coping Systems • Louvers & Sunscreens
- Stair Nosings • Tree Grates • Flagpoles • Trash and Linen Chutes • Ladders
- Metal Roofing and Wall Systems • Column Covers • Grilles and Screens

**ARCHITECTURAL AND CONSTRUCTION PRODUCTS**

**This Quotation is based on the following:**

Quoting per RFQ dated: 10-09-12.  
Hand/electronic takeoff provided by: Dave Pebley Sr. at SBCI.  
Drawings dated: 09-21-10.  
Drawings: A4.3 & A6.4  
Specification section: None.  
Other:

**Submittal Drawings by Airolite are included in this quote.**

- o Included in this quotation are up to two (2) comprehensive drawing submissions in portable document format (PDF) for approval. If design or size changes dictate additional submittals are required, additional charges may be assessed to the project.

**Lead Times:**

1. Please allow 4-5 weeks for preparation of shop drawings and design calculations after receipt of purchase order and contract drawings.
2. Please allow 2 weeks for revisions to shop drawings for re-submittal.
3. Manufacturing Lead times are subject to change due to workload at time of production.

**Exclusions & Qualifications:**

1. A mock-up or job specific sample is not included in this price. If one is needed, please supply scope of work required for pricing.
2. Technical or construction requirements, including contract documents, not disclosed at the time of quotation or subsequently revised render this quotation subject to change for additional costs.
3. We specifically exclude coordination with other material suppliers and trades. Coordination provided at customer's request would be provided at additional costs.
4. Order is to be produced as a single release. If required, partial releases or dedicated shipments can be included for additional costs.
5. Airolite's General Exclusions: Sales and use tax(s), retainage, installation or erection, field measurements, unloading, miscellaneous trim, structural supports, blank-off panels, anchors, fasteners, caulking, sealants, isolation of dissimilar materials, dampers, registers, flashings and all other materials not specifically listed above.

**Quotations:**

Pricing is valid for ninety (90) calendar days without escalation. Orders placed after 90 days of quotation are subject to review and re-pricing.

**Shipments:**

Orders shipped after nine (9) months from the date of order acceptance by Airolite will be subject to a monthly escalation fee of 1% of order net sell price. Unless otherwise requested Airolite will provide standard and optimized packaging, crating, and shipping. Special packaging requests require The Airolite Company, LLC's approval and additional fees will apply.

**Storage Fees:**

- 
- Expansion Joint Covers • Floor Doors & Roof Hatches • Fascia & Coping Systems • Louvers & Sunscreens
  - Stair Nosings • Tree Grates • Flagpoles • Trash and Linen Chutes • Ladders
  - Metal Roofing and Wall Systems • Column Covers • Grilles and Screens



**ARCHITECTURAL AND CONSTRUCTION PRODUCTS**

Orders completed and delayed from shipment by Purchaser (*Built but not Shipped*) will be subject to a minimum weekly storage fee of 1% of order net sell price.

**Warranty:**

- o Standard Material and Workmanship Warranty is for one (1) year – not to exceed 18 months from date of shipment.
- o Standard Finish warranty is 10 years from date of shipment.

PURCHASE ORDERS: Please issue to The AIROLITE Company LLC. c/o Specialty Building Components

We thank you for the opportunity to submit this quote and hope to be favored with your order.

Sincerely,

*Dave Pebley Sr.*

Dave Pebley Sr.

**IF WE ARE FAVORED WITH YOUR ORDER,  
WE WILL REQUIRE A PURCHASE ORDER MADE OUT TO AIROLITE  
IN CARE OF SPECIALTY BUILDING COMPONENTS.**

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- Expansion Joint Covers • Floor Doors & Roof Hatches • Fascia & Coping Systems • Louvers & Sunscreens
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