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NEW HVAC FOR ADOLFO CAMARILLO HIGH SCHOOL
BID: 629

Pre-Bid RFI # 02

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Date: 8/17/2020

Submitted: Via e-mail to bvillasenor@Bernards.com

1. Window system clarifications and scope

Please see attached:

Pre-Bid RFI from Santa Barbara Glass Company
Product Data Sheet

End of Pre-Bid RFI # 02

Pre-Bid (RFI)

ISSUED BY SANTA BARBARA GLASS COMPANY

DATE: 8-17-20 **RFI NO.:** 1

PROJECT: Camarillo HS HVAC Replacement **PROJECT NO.:**

CONTRACTOR: Santa Barbara Glass Company

CONTACT PERSON: Ed Dickson **PHONE:** 805-962-7648 **FAX:** 805-966-6673

E-MAIL ADDRESS: ed@sbglassmen.com

RFI ISSUED TO:

RFI SUBJECT: **Window system clarifications and scope**

SPEC SECTION REF:

RFI REFERENCES:

INFORMATION REQUESTED:

1. The specifications include Section 085113 Aluminum Windows no others exist. These windows are sliders.

   The majority of the project consists of fixed windows resembling storefront type system.

   They are continuous and run for many feet. The window schedule sheet A9.03 shows individual windows but that is not what the exterior elevations indicate.

   Should a storefront system be added to the project for most of the fenestration shown? Such as Kawneer TriFab 451T thermally broken system? See attached.

   Should the Sliding Windows section 085113 be inserted into the storefront openings where shown on the exterior elevations?

2. Building K does not indicate new Type D windows on the south elevation. Is this correct?

WRITTEN BY: _____ **RESPONSE REQUIRED BY:** _____

INITIATED BY: _____

RESPONSE: 1a. Windows are individual ± 3'-9" wide sections mounted in between existing wood post supports. Refer to mullion details.

1b. Windows are not storefronts. Provide ULT 500 as per spec, per Arcadia Rep James at 714.244.9024, window can be configured to meet fixed & sliding configurations.

2. Provide Type D windows on Building K south elevation, full building width.

RESPONDED BY: Irvine Carrillo **DATE RESPONDED:** 08.18.2020

COST IMPACT? _____ **SCHEDULE IMPACT?** No

ATTACHMENTS? **YES**

TRIFAB™ VG (VERSAGLAZE™)
TRIFAB™ VG 450, 451 & [redacted] FRAMING SYSTEMS &
TRIFAB™ 451UT (ULTRA THERMAL) FRAMING SYSTEM

Design + Performance Versatility with Unmatched Fabrication Flexibility

Trifab™ VersaGlaze™ is built on the proven and successful Trifab™ platform – with all the versatility its name implies. There are enough framing system choices, fabrication methods, design options and performance levels to please the most discerning building owner, architect and installer. The Trifab™ VersaGlaze™ family's newest addition, the Trifab™ 451UT (Ultra Thermal) Framing System, is designed for the most demanding thermal performance and employs a dual Isolock™ thermal break.

AESTHETICS

Trifab™ VersaGlaze™ Framing Systems offer designers a choice of front-, center-, back- or multi-plane glass applications. Structural silicone glazing (SSG) and weatherseal glazing options further expand designers' choices, allowing for a greater range of design possibilities for specific project requirements and architectural styles. All systems have a 4-1/2" frame depth; Trifab™ VersaGlaze™ 450 has 1-3/4" sightlines, while Trifab™ VersaGlaze™ 451/451T and Trifab™ 451UT have 2" sightlines.

With seamless incorporation of Kawneer entrances or windows, including GLASSvent™ visually frameless ventilators, Trifab™ VersaGlaze™ can be used on almost any project. These framing systems can also be packaged with Kawneer curtain walls and overhead glazing, thereby providing a full range of proven, and tested, quality products for the owner, architect and installer from a single-source supplier.

ECONOMY

Trifab™ VersaGlaze™ 450/451/ Framing Systems offer four fabrication choices to suit your project (Trifab™ 451UT is available as screw spline fabrication only):

- – for economical continuous runs utilizing two-piece vertical members that provide the option to pre-assemble units with controlled shop labor costs and smaller field crews for handling and installation.
- Shear Block – for punched openings or continuous runs using tubular moldings with shear block clips that provide tight joints for transporting large pre-assembled multi-lite units.
- Stick – for fast, easy field fabrication. Field measurements and material cuts can be done when metal is on the jobsite.
- Type B – Same fabrication benefits as shear block except the head and sill run through.

Brighton Landing
Cambridge, Massachusetts
ARCHITECT
ADD Inc., Cambridge, Massachusetts
GLAZING CONTRACTOR
Ipswich Bay Glass Company,Inc., Rowley, Massachusetts
PHOTOGRAPHER
©Gordon Schenck, Jr.

All systems can be flush glazed from either the inside or outside. The weatherseal option provides an alternative to SSG vertical mullions for Trifab™ VersaGlaze™ 450/451/451T. This ABS/ASA rigid polymer extrusion allows complete inside glazing and creates a flush glass appearance on the building exterior without the added labor of scaffolding or swing stages. Additionally, high-performance flashing options are engineered to eliminate perimeter sill fasteners and associated blind seals.

FOR THE FINISHING TOUCH

Architectural Class I anodized aluminum and painted finishes in fluoropolymer (AAMA 2605) and solvent-free powder coatings (AAMA 2604) offer a variety of color choices.

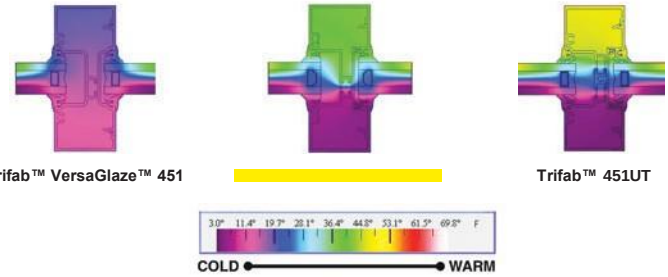
PERFORMANCE

Kawneer's Isolock™ thermal break technology creates a composite section, prevents dry shrinkage and is available on Trifab™ VersaGlaze™ 451T. For even greater thermal performance, a dual Isolock™ thermal break is used on Trifab™ 451UT.

Trifab™ 451UT uses a dual Isolock™ thermal break (right) and features a new high-performance sill design, which incorporates a screw-applied end dam (left), ensuring positive engagement and tight joints between the sill flashing and end dam.

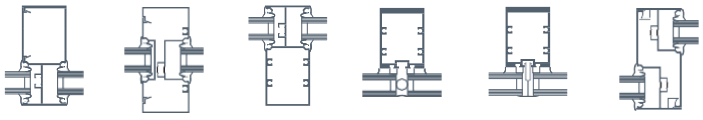
U-factor, CRF values and STC ratings for Trifab™ VersaGlaze™ vary depending upon the glass plane application. Project-specific U-factors can be determined for each individual project. (See the Kawneer Architectural Manual or Kawneer.com for additional information.)

Thermal simulations showing temperature variations from exterior/cold side to interior/warm side.



PERFORMANCE TEST STANDARDS

Air Infiltration	ASTM E283
Water	AAMA 501, ASTM E331
Structural	ASTM E330
Thermal	AAMA 1503
Thermal Break	AAMA 505, AAMA TIR-A8
Acoustical	AAMA 1801, ASTM E1425



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KAWNEER

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