# Tri-C Metropolitan Campus Hospitality Management Center Signage C20174157 BID PACKAGE Addendum No. 01

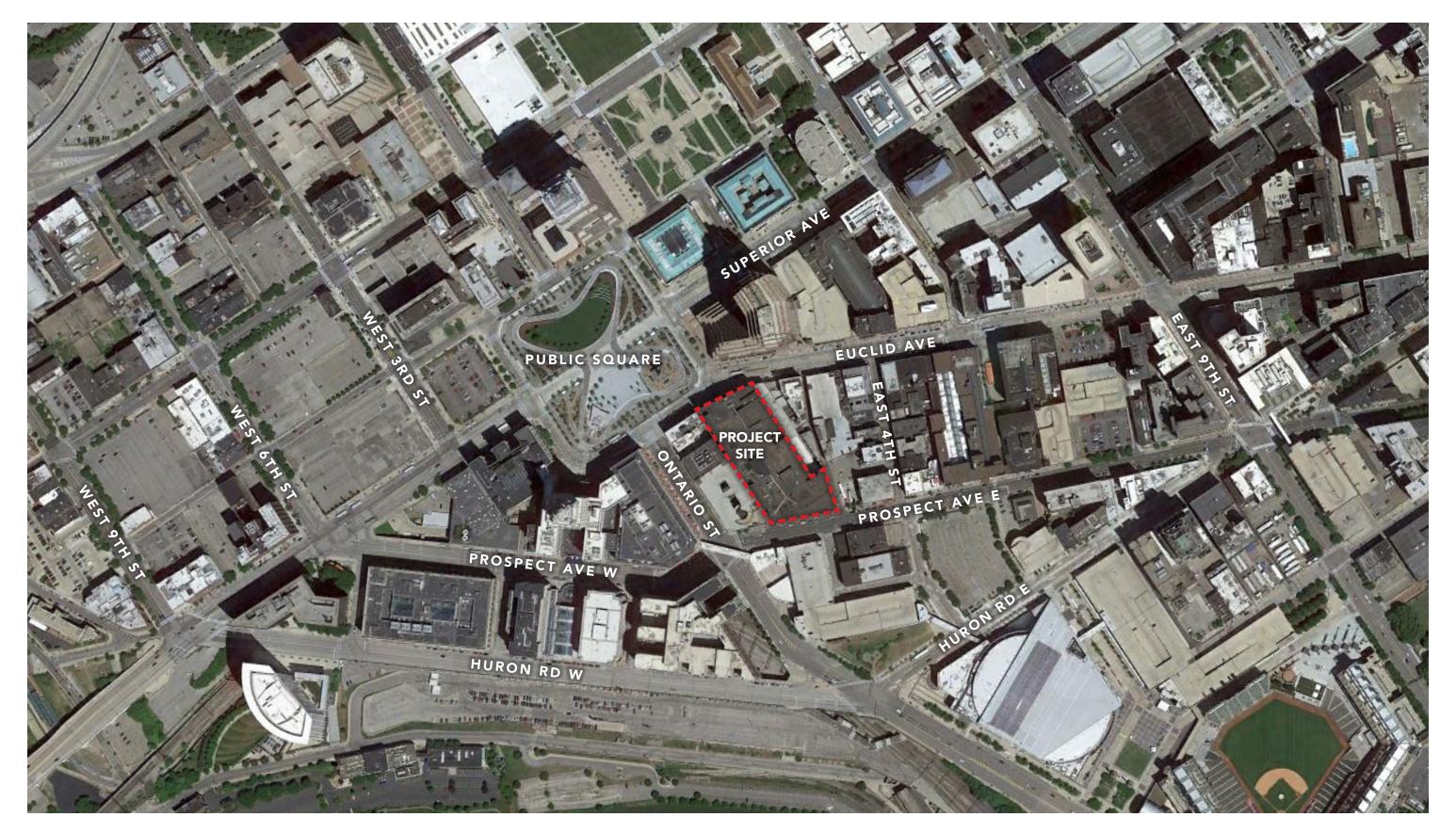
To the Bidders and Plan holders of Record:

This Addendum 01 modifies and forms a part of the Request for Proposals dated November 9, 2020. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so shall subject the Bidder to disqualification.

- The bid due date has not changed. Sealed bids will be accepted at Cuyahoga Community College District Office, 700 Carnegie Ave, until 2:00 PM on Friday, December 4, 2020. No public opening will occur.
- Attached is an updated copy of the design intent document from Vocon dated 11/23/2020. Note the changes showing and additional vinyl window panel and demo details.
- 3. Attached is the revised proposal form (dated 11/23/2020), which now shows the correct number of vinyl window panels requested, and the addition of the menu box.
- 4. Lastly, attached is a copy of the pre-bid sign-in sheet.

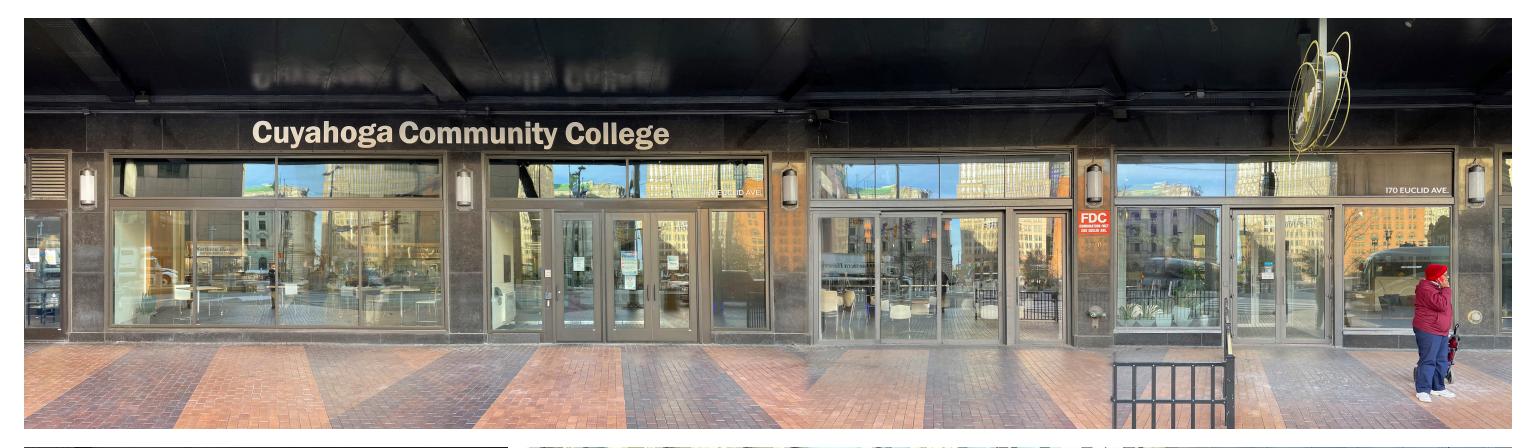


#### **LOCATION PLAN**





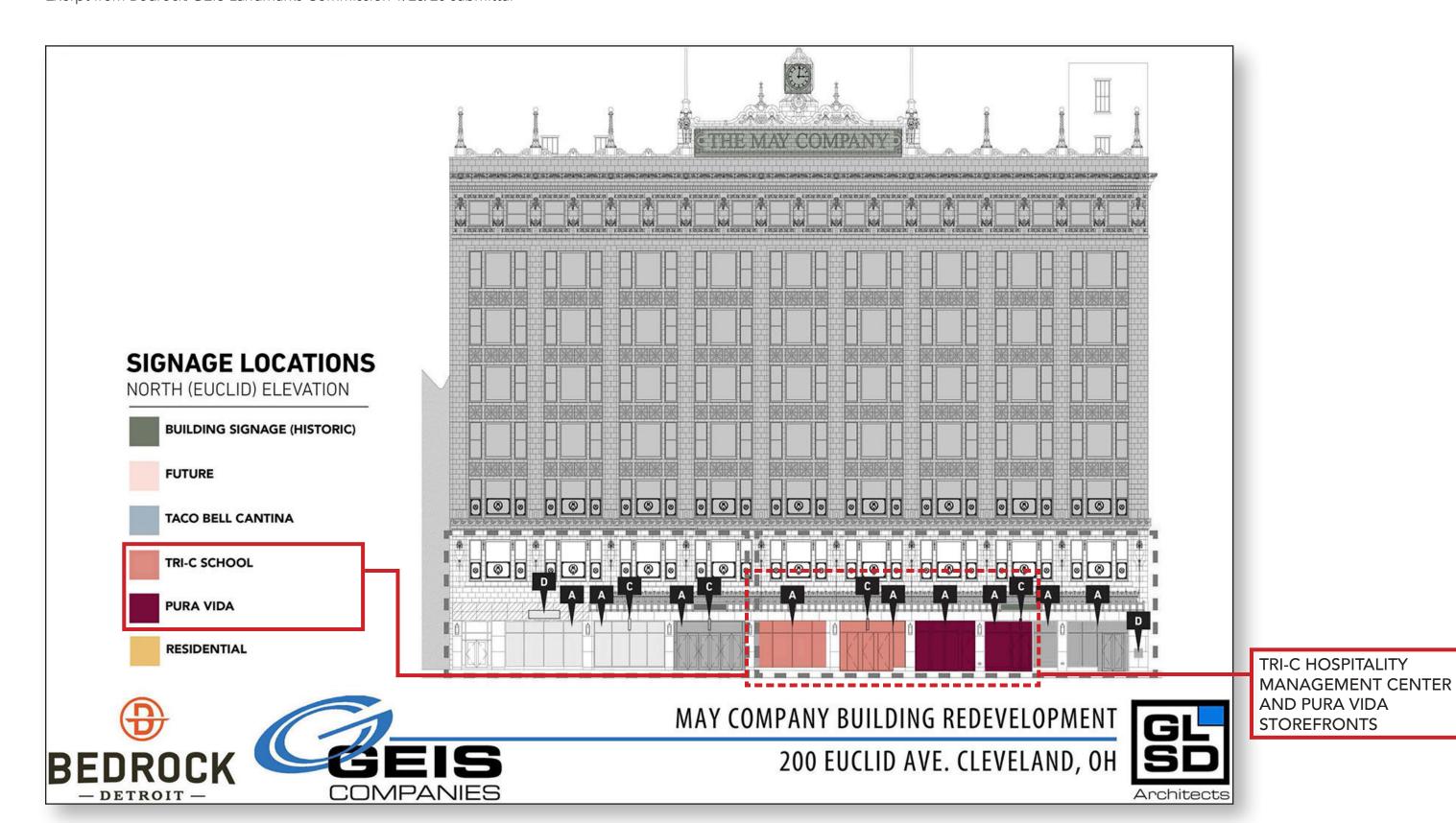
#### **EXISTING PHOTOS**







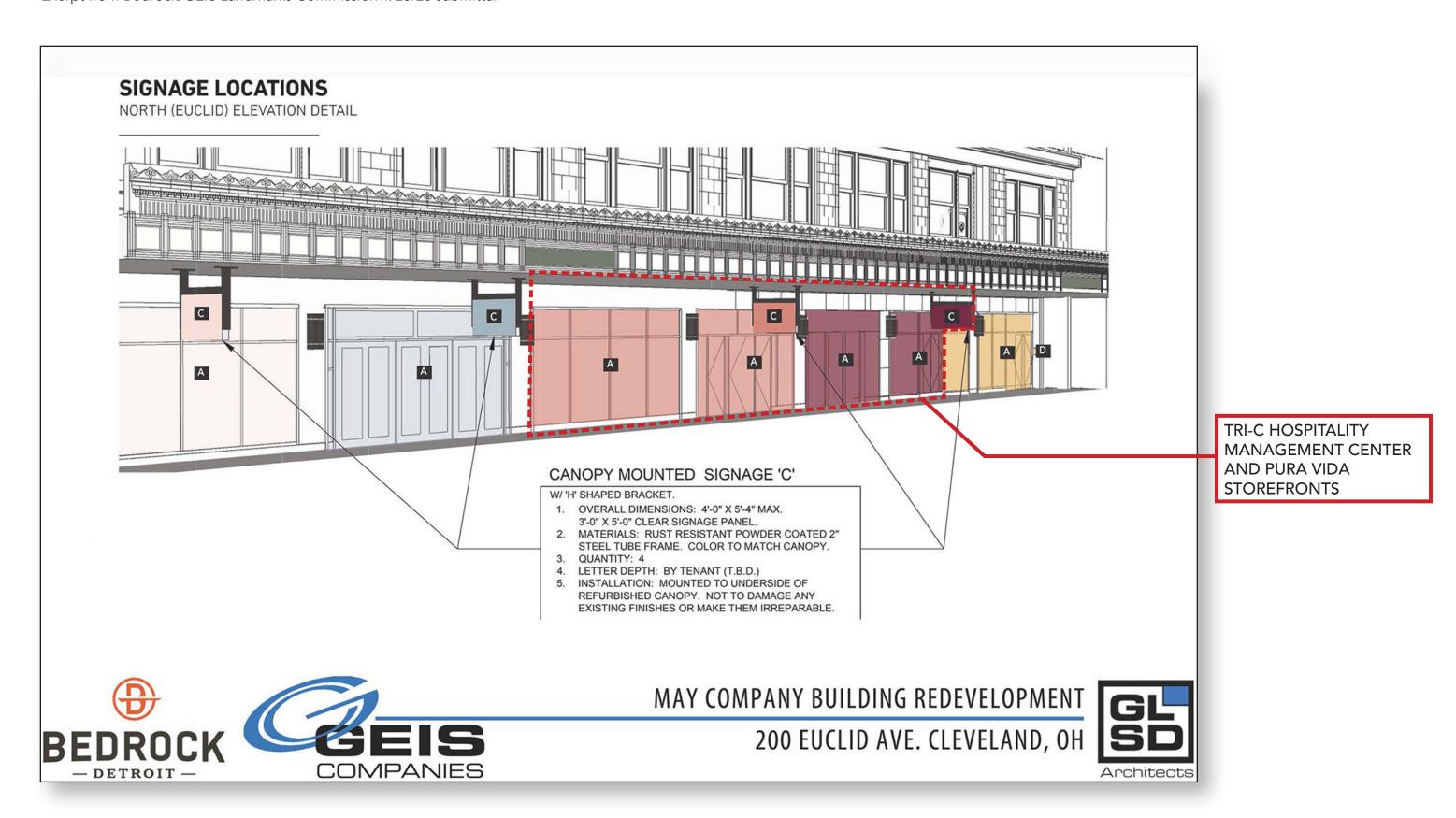






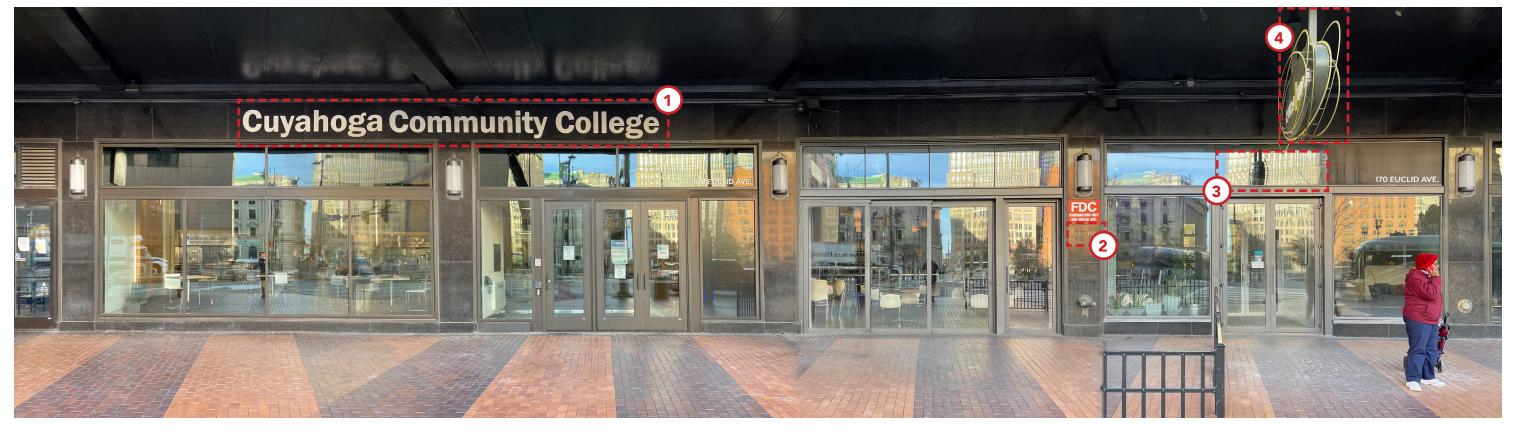
#### **REFERENCE SUBMITTAL**

Exerpt from Bedrock/GEIS Landmarks Commission 1/23/20 submittal





#### **EXISTING SIGNAGE DEMO SCOPE**



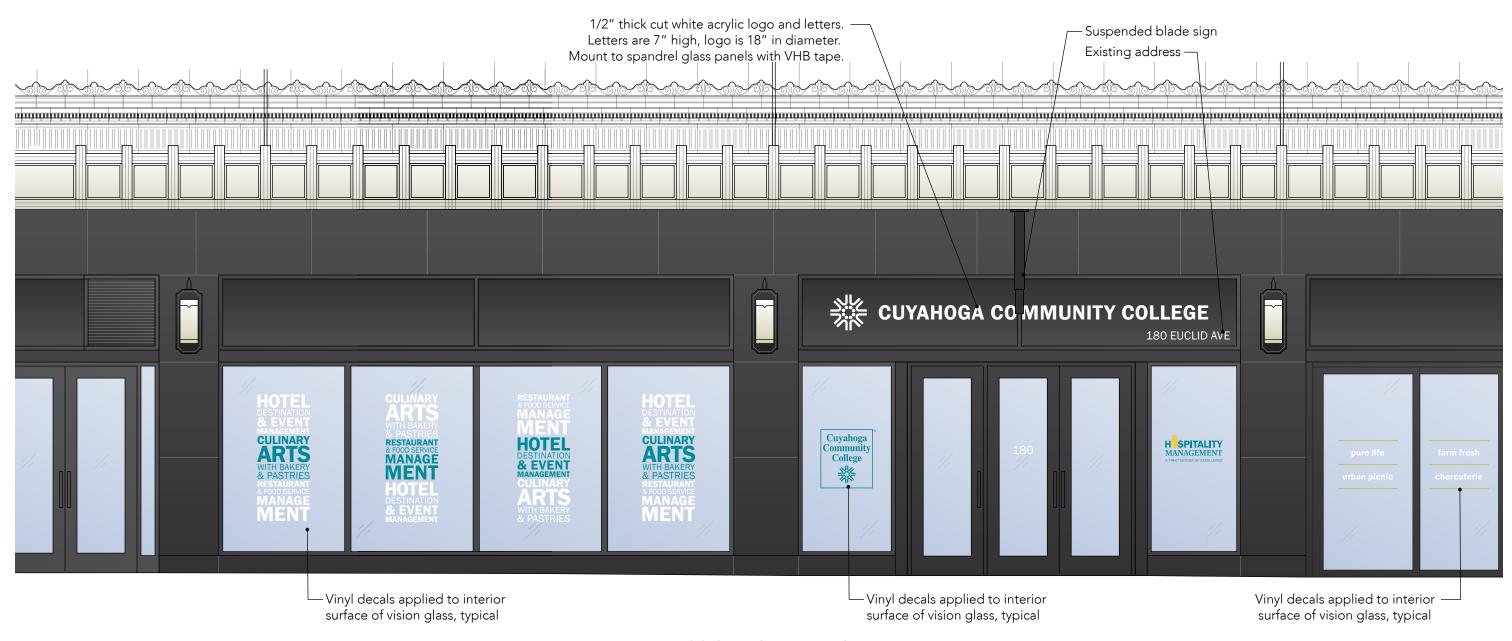
- Remove existing "Cuyahoga Community College" dimensional letters. Clean wall surface of any adhesive or remaining fasteners. Patch wall surface to match adjacent surfaces with approved repair procedure. Coordinate with Bedrock and Tri-C.
- Remove existing "170" address dimensional letters. Clean wall surface of any adhesive or remaining fasteners. Patch wall surface to match adjacent surfaces.
- Remove existing Pura Vida vinyl graphic. Clean glass surface of any adhesive.

Remove existing Pura Vida suspended sign. Remove any under-canopy fasteners and patch canopy surface to match adjacent surfaces. Coordinate effort with new sign placement to minimize penetrations into under-canopy face. Demo existing electrical (flood lights) per code.



#### PROPOSED EXTERIOR ELEVATION

**HMC** Entry



**HMC STOREFRONT ELEVATION** 

SCALE: 1/4"=1'-0"



#### PROPOSED EXTERIOR ELEVATION

Pura Vida Entry



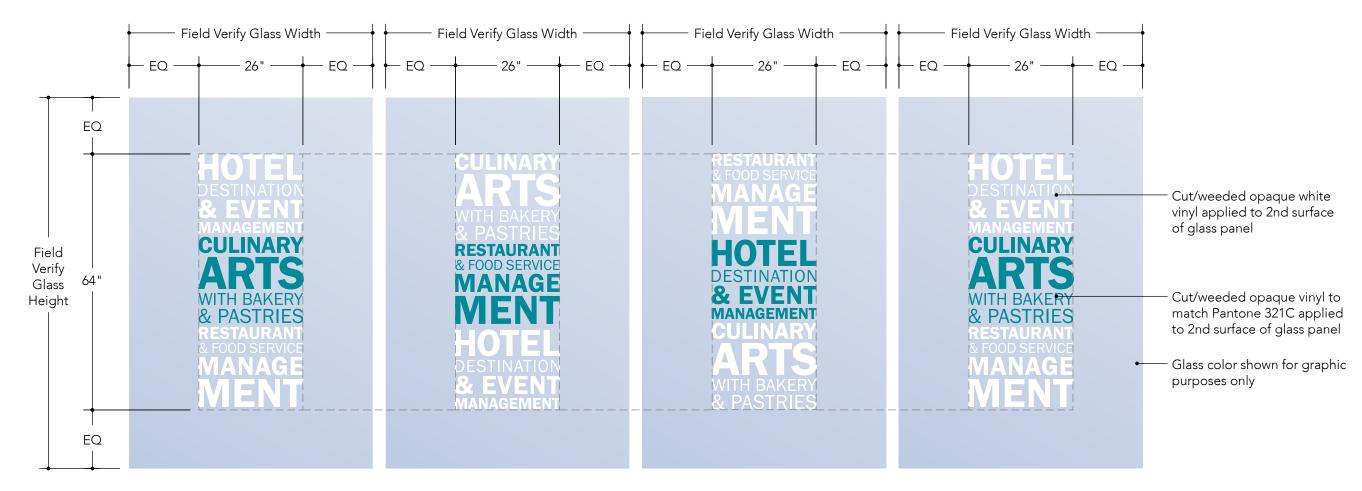
**PURA VIDA STOREFRONT ELEVATION** 

SCALE: 1/4"=1'-0"



#### **PROPOSED WINDOW GRAPHICS - DETAIL**

**HMC Word Collages** 



#### **HMC STOREFRONT ELEVATION - WORD COLLAGE DETAIL**

SCALE: 1/2"=1'-0"

#### **NOTES:**

- 1. Artwork provided by designer
- 2. Alignment of graphic within glass area to be as shown, irrespective of any change in grade or finish floor.
- 3. Refer to specifications section for additional information, typical.

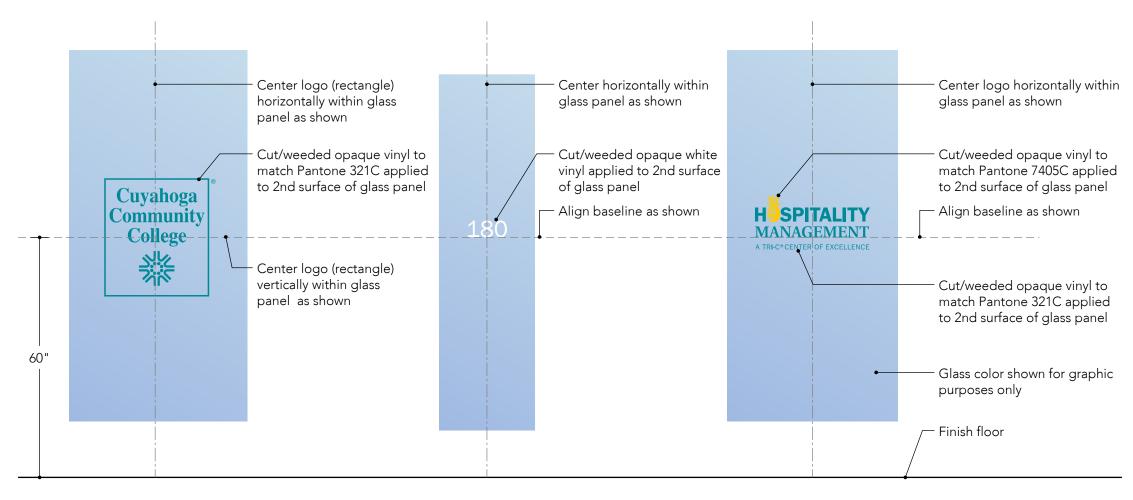
#### **BID ALTERNATE:**

1. Fabricator to provide alternate costs for custom printed graphics on optically clear vinyl, applied to 2nd surface of glass panels. Vinyl panel to run vertically and be 28"-30" wide with the graphic centered on the panel.



#### **PROPOSED WINDOW GRAPHICS - DETAIL**

**HMC** Entrance



#### **HMC STOREFRONT ELEVATION - ENTRANCE DETAILS**

SCALE: 1/4"=1'-0"

#### **NOTES:**

- 1. Artwork provided by designer
- 2. Alignment of graphic within glass area to be as shown.
- 3. Refer to specifications section for additional information, typical.

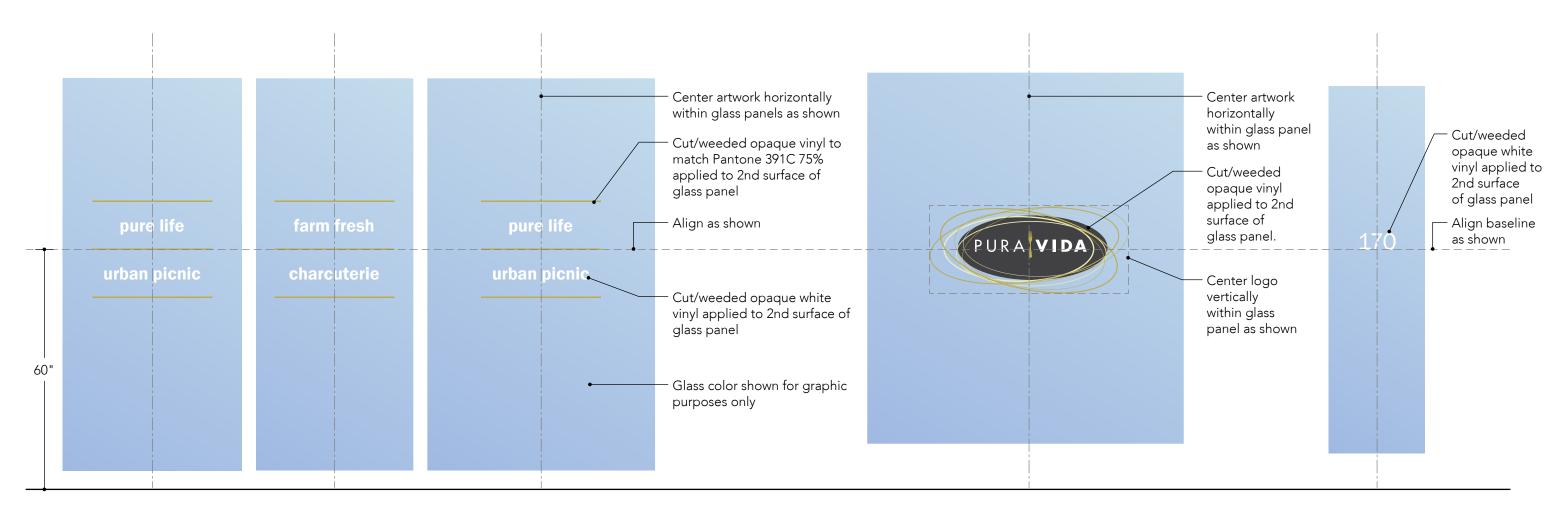
#### **BID ALTERNATE:**

1. Fabricator to provide alternate costs for custom printed graphics on optically clear vinyl, applied to 2nd surface of glass panels.



#### **PROPOSED WINDOW GRAPHICS - DETAIL**

Pura Vida



#### **HMC STOREFRONT ELEVATION - PURA VIDA DETAILS**

SCALE: 1/4"=1'-0"

#### **NOTES:**

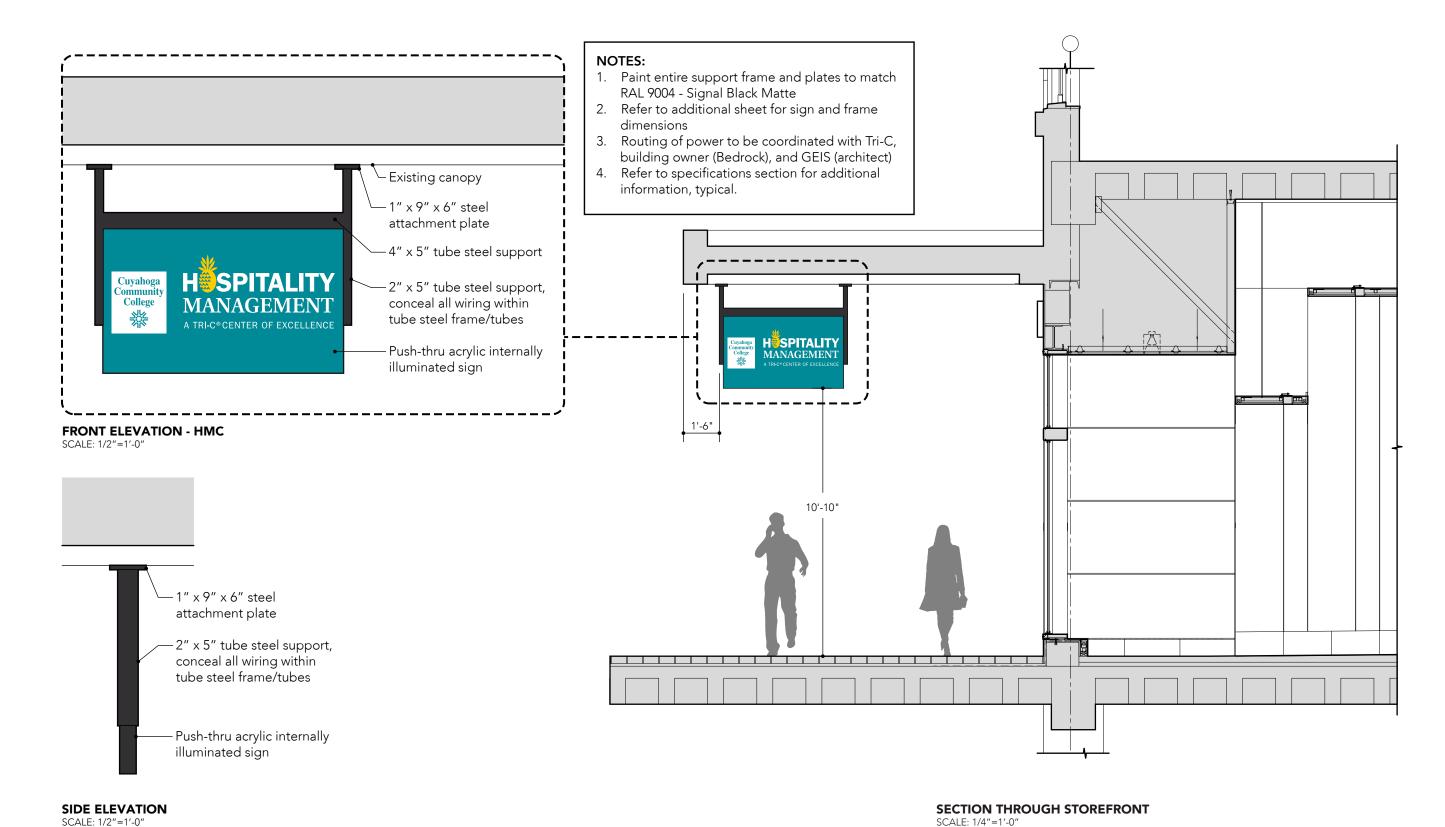
- 1. Artwork provided by designer
- 2. Alignment of graphic within glass area to be as shown.
- 3. Refer to specifications section for additional information, typical.

#### **BID ALTERNATE:**

1. Fabricator to provide alternate costs for custom printed graphics on optically clear vinyl, applied to 2nd surface of glass panels.

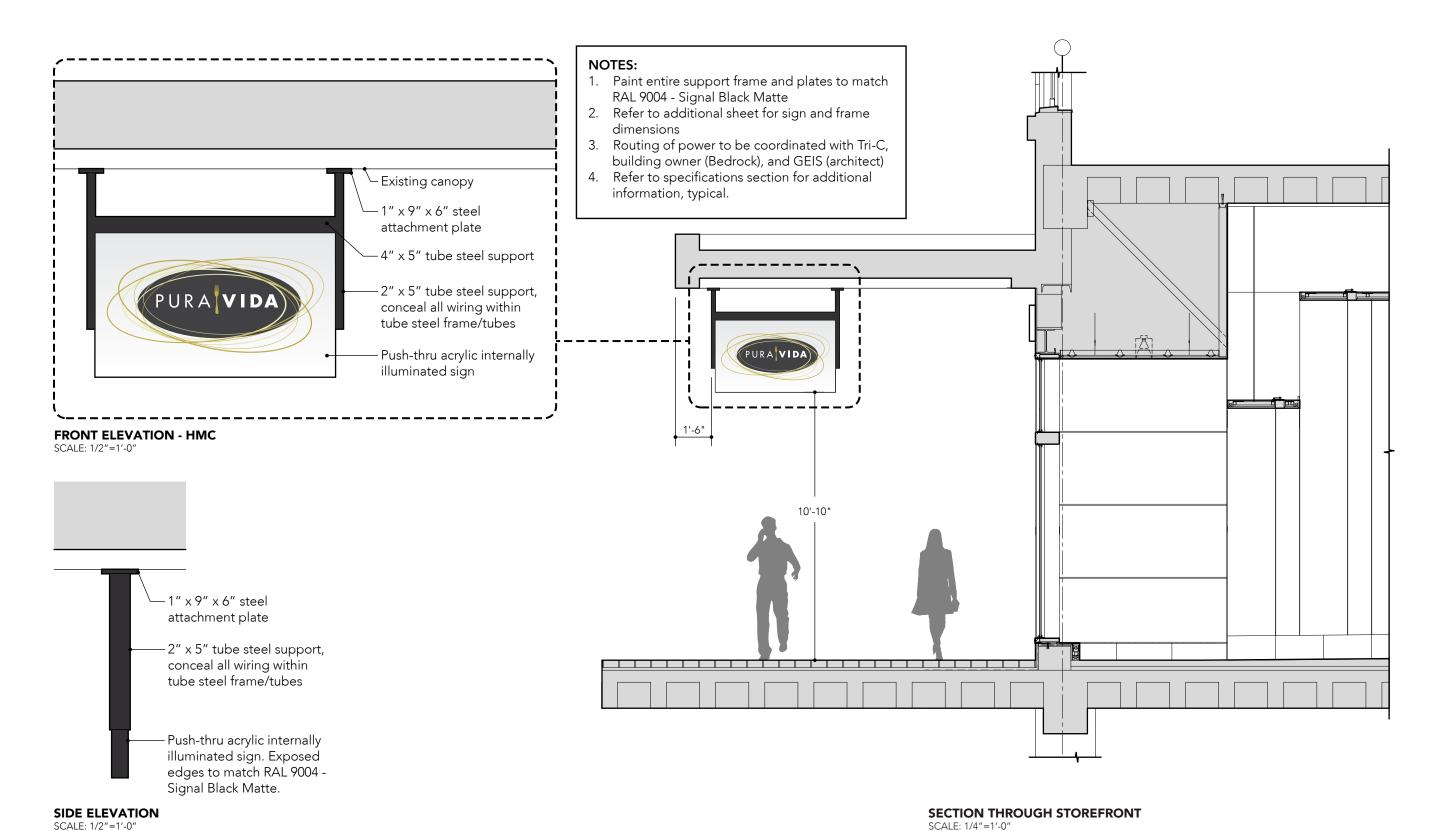


Tri-C HMC



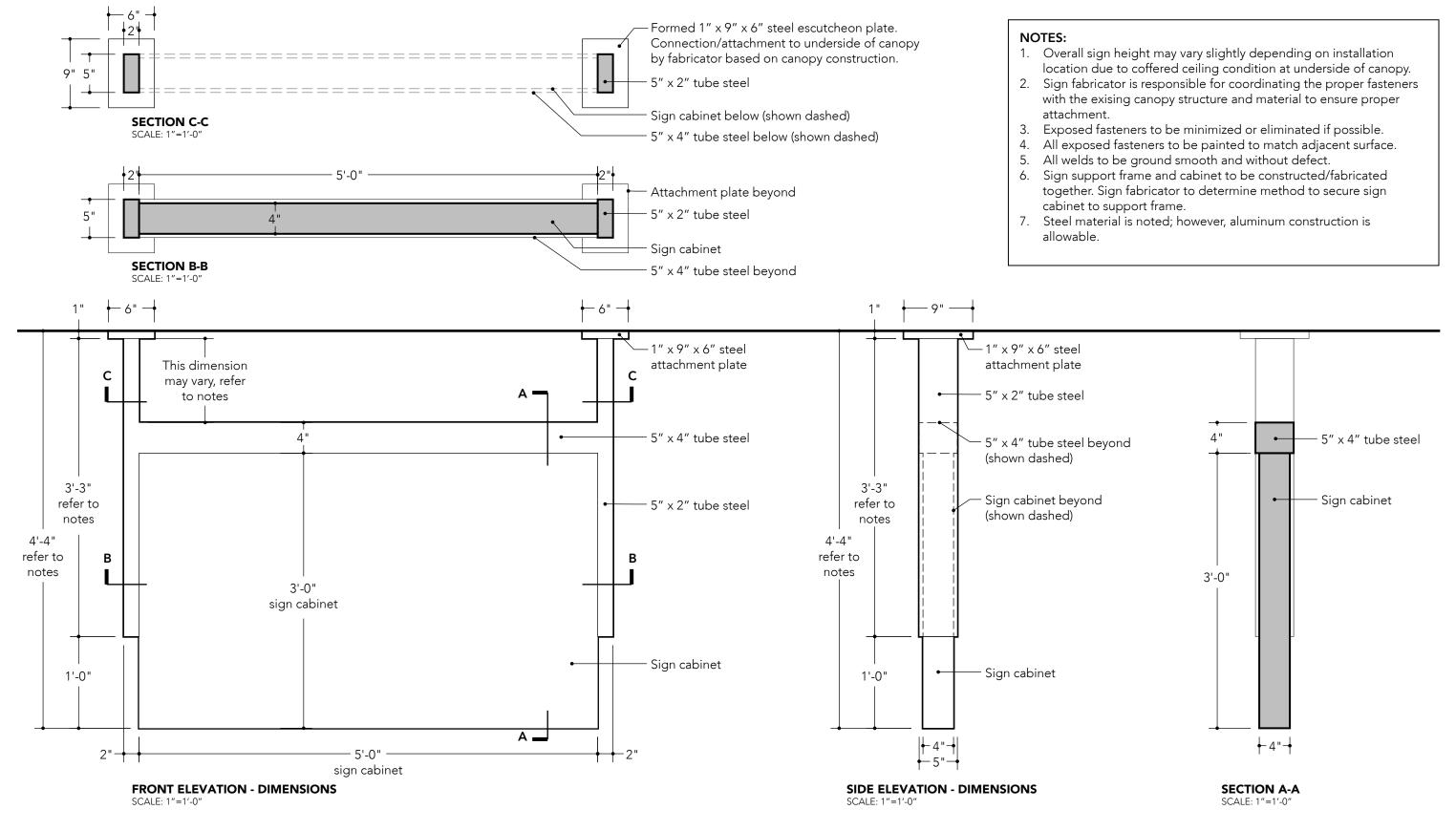


Pura Vida





Dimensions



Perspective views

#### **MATERIAL NOTES (COMMON):**

- 1. Sign cabinets to be constructed of aluminum panels and subframe. Panels to be of adequate thickness to provide overall rigidity, flatness, and trueness without warping or oil-canning.
- 2. Sign cabinet to be painted with Matthews paints or equal.
- 3. Support frame to be shop painted to match RAL 9004 Signal Black Matte



#### PERSPECTIVE VIEW, TRI-C HMC

NOT TO SCALE

#### MATERIAL NOTES (TRI-C HMC):

- 1. Sign face to be painted to match Pantone 321C.
- 2. Internally illuminated push through elements to be Tri-C logo and "HOSPITALITY MANAGEMENT."
- 3. "Cuyahoga Community College" and logo mark to be opaque vinyl to match Pantone 321C.
- 4. "A TRI-C CENTER OF EXCELLENCE" to be applied opaque white vinyl.

#### PERSPECTIVE VIEW, PURA VIDA

NOT TO SCALE

#### **MATERIAL NOTES (TRI-C HMC):**

- 1. Sign face to be painted white.
- 2. Internally illuminated push through elements to be "PURA VIDA"
- 3. Remaining graphic elements to be applied vinyl to match colors noted.



#### PROJECT INTRODUCTION AND REQUIREMENTS

#### 1.0 NOT FOR CONSTRUCTION

- A. These drawings and notes are for the sole purpose of expressing visual design intent and are not intended for actual fabrication purposes. Signage Contractor accepts total responsibility for final material selection, fabrication and installation methods.
- B. Electronic files are not construction documents and cannot be relied upon as identical to construction documents because of changes or errors induced by translation, transmission, or alterations while under the control of others. Use of information contained in the electronic files is at the user's sole risk and without liability to Designer and its consultants.
- C. Refer to provided Performance Specifications for details on Designer expectations of Signage Contractor and fabrication process.
- D. Copyright © Vocon Design, Inc. All rights reserved.

#### 2.0 SIGNAGE CONTRACTOR/FABRICATOR SCOPE OF WORK/RE-SPONSIBILITIES

- A. Signage Contractor to fabricate and install all exterior and interior signage as outlined in the Design Intent Documents.
- B. Signage Contractor is responsible for the removal of all existing signs and sign elements being replaced. Any sign elements to remain for reuse are to be protected from damage. Any damage shall be repaired to like-new condition.
- C. Signage Contractor is required to field verify and produce accurate Shop Drawings for each sign type in the Design Intent Documents. Shop Drawings are to be based on the dimensions, materials, and information included in the Design Intent Documents.
- D. Signage Contractor is responsible for all necessary power routing, rerouting, related supplies, and coordination to properly power all signs requiring power. Signage Contractor shall contact OUPS (Ohio Utility Protection Service) prior to any excavation or digging required as part of this project.
- E. Signage Contractor to coordinate with property managers, city officials, and local/state officials any criteria/guideline requirements for changing the signs indicated.
- F. Signage Contractor to follow any additional requirements presented in the attached Performance Specifications and Design Intent Documents.
- G. Signage Contractor to name Owner (Cuyahoga Community College) and Designer (Vocon) as covered entities on Signage Contractor's Professional Liability Insurance Policy for full amount of policy.

#### 3.0 COORDINATION WITH CLIENT AND DESIGN CONSULTANT

A. The Owner and Designer are responsible for obtaining approvals from Cuyahoga Community College's staff and marketing department for all sign messages.

- B. The Designer will provide scaled artwork as recommended for each site. Artwork will be developed based on initial dimensions taken for this document.
- C. Signage Contractor will be required to obtain and share with the Designer any discrepancies in measurements and actual field-verified dimensions for final coordination.

#### 4.0 COMMITMENT TO DIVERSITY

- A. Tri-C is committed to diversity and to supporting Greater Cleveland's economy. All suppliers are encouraged to do business with Tri-C. Tri-C encourages all Bidders to exceed the following expectations:
  - 1. Supplier Participation: 15% minority, 5% female, 6% SBE, and 2% veteran.
  - 2. Workforce Diversity: 15% minority, 7% female, 2% veteran, 45% Cuyahoga County resident

#### 5.0 PROJECT TIMELINE

- A. Sealed bid documents are due to Cuyahoga Community College and Vocon by December 4, 2020 at 2:00 p.m. EST.
- B. Cuyahoga Community College 700 Carnegie Avenue Cleveland, OH 44115 Attn: Phillip J. Pallone, PE, (216) 987-0572, Phillip.Pallone@tri-c.edu
- C. Vocon Design, Inc.
   3142 Prospect Avenue
   Cleveland, OH 44115
   Attn: Michael Nilsen, (216) 539-3977, michael.nilsen@vocon.com
- D. The required completion date for this project is outlined in Tri-C's RFP document.
- E. If you do not anticipate being able to complete this work by the deadline outlined on the Bid Worksheet, do not submit a bid. In this case, please submit in writing your reason(s) for being unable to bid this project.

#### 6.0 RFI PROCESS

- A. All Requests for Information (RFI) must be submitted in writing via email to the following distribution list: (Fill in Contact Information)
- B. Under no circumstances will RFI's submitted via direct phone call be answered.
- C. Responses to RFI's will be via email to all Bidders.

#### 7.0 BID WORKSHEET

- A. All Bidder's are required to complete the Bid Worksheet included as part of this document.
- B. Incomplete Bid Worksheets may be cause for rejection of the bid.

#### 8.0 BASIS OF SELECTION

- A. Cuyahoga Community College shall have the right to reject any or all bids, parts of such bid, and reserves the right to waive any informalities in the bid.
- B. In addition to bid price, Cuyahoga Community College reserves the right to consider all elements entering into the question of determining the responsibility of the Bidder. Any bid which is incomplete, conditional, obscure, contains additions not called for, or irregularities of any kind, may be cause for rejection of the bid.
- C. Bidders must present evidence to Cuyahoga Community College, when required by then to do so, to show they are fully competent and have the necessary source of supply, facilities and pecuniary resources to fulfill the conditions of the contract and specifications.
- D. Bidders shall provide statements of qualifications that should include the following information:
  - 1. Company history;
  - 2. Education and experience of owners and key technical personnel;
  - 3. The technical expertise of current staff;
  - 4. The experience in performing engineering studies, design, construction administration and construction observation;
  - 5. Availability of staff;
  - 6. Equipment and facilities;
  - 7. References; and
  - 8. Any previous work performed for Cuyahoga Community College.

#### 9.0 RFP COORDINATION

A. This document is provided as a supplement to Cuyahoga Community College's RFP documents. Should any discrepancy exist between information contained in this document and the Tri-C RFP document, the Tri-C RFP document information takes precedence over all other information. Any questions regarding this shall be posed to the Cuyahoga Community College and Vocon Design contacts indicated herein.



#### PERFORMANCE SPECIFICATIONS

#### 1.0 GENERAL

#### 1.1 Related Documents

- A. Design Intent Drawings
  - 1. These drawings/specifications are for the sole purpose of visual design intent only and not intended for construction purposes.
  - 2. The Signage Contractor is responsible for engineering, design, construction technique, materials and installation.
  - 3. The Project Owner, Contract Owner and Designer shall review the Shop Drawings only for conformance with general design intent, and will in no way be responsible or liable for any results of construction from working drawings, materials selection, Shop Drawings, contract documents or other agreements other than agreement with the Owner and Designer authorizing these documents.
  - 4. Signage Contractor shall verify and be responsible for all dimensions and conditions shown in the Design Intent documents. If dimensions are missing or are unclear consult the Designer for direction. The Designer must review shop details prior to fabrication.

#### 1.2 Performance Specification Introduction

- A. The purpose of this document is to serve as a reference which identifies materials, construction specifications, and quality controls, as well as signage contractor's responsibilities and obligations.
- B. Signage Contractor(s) shall furnish and install signs and/or graphics as detailed on drawings and/or described in these Specifications.
- C. Signs shall carry messages and images as specified in the Designer furnished Design Intent Drawings.
- D. Refer to these Performance Specifications for details on designer expectations of Sign Contractor and fabrication process.

#### 2.0 DEFINITION OF TERMS

#### 2.1 Documents

- A. Refers to the drawings, specifications, sign message schedule, including all addendum and modifications incorporated therein for their execution.
- B. When applicable, additional appendages provided by Owner or Designer shall become part of the documents.

#### 2.2 Project Owner

A. Shall refer to:
 Cuyahoga Community College
 700 Carnegie Avenue
 Cleveland, OH 44115
 Attn: Phillip J. Pallone, PE, (216) 987-0572, Phillip.Pallone@tri-c.edu

#### 2.3 Designer

A. Shall refer to: Vocon Design, Inc. 3142 Prospect Avenue Cleveland, OH 44115

Attn: Michael Nilsen, (216) 539-3977, michael.nilsen@vocon.com

#### 2.4 Signage Contractor/Fabricator

A. Refers to the group(s), firm(s), or corporation(s) designated in an Agreement with the Owner, and shall apply to any such group(s) under contractual obligation to perform any fabrication, installation, finishing, printing or other work related to signs and graphics, as referred in this document.

#### 2.5 Work

- A. As employed herein, includes any materials, equipment, construction, labor, installation, service or maintenance, and warranties required to complete the fabrication prescribed in these specifications and contract documents.
- B. This shall include, but is not limited to, all of the sign types listed in the sign message schedule and drawings.

#### 2.6 Addendum

A. Covering changes, corrections, and special interpretations of the drawings and specifications; shall become part of the documents.

#### 2.7 Substitutions

A. When one or more than one product is specified and the signage contractor wishes to offer a substitute product which will completely accomplish the purpose of the contract documents, see section 6.0 for the conditions governing all substitutions.

#### 2.8 NIC

A. Refers to work not included in this contract.

#### 2.9 Final Completion

A. The date when the Owner finds the entire work as described in the contract documents, acceptable and fully performed, as written in the final certificate of payment.

#### 3.0 GENERAL CONDITIONS

#### 3.1 Quality Assurance

- A. The Signage Contractor shall be responsible for the quality of materials and workmanship required for execution of this contract including the materials and workmanship of any firms or individuals who act as sub-contractors.
- B. It is intended that the work described in these documents be of sound, quality construction. The Signage Contractor shall be solely responsible for the inclusion of adequate amounts to cover installation of all items indicated, described and/or implied
- C. Installer Qualifications: An employer of workers trained and approved by manufacturer of signage.

- D. Fabricator Qualifications: Shop that employs skilled workers who custom-fabricate products similar to those required for this Project and whose products have a record of successful in-service performance.
- E. Source Limitations for Signs: Obtain each sign type indicated from one source from a single manufacturer.
- F. Regulatory Requirements: Comply with applicable provisions in ADA-ABA Accessibility Guidelines and CC/ANSI A117.1.
- G. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use

#### 3.2 Commencement

A. The work described in these documents shall only begin when a Owner-authorized, written contract has been issued to the Signage Contractor with instructions to proceed, provided other requirements have been met.

#### 3.3 Contract Administration

- A. Reviewing the quality and progress of the work and submittals received from the Signage Contractor, the Owner has no responsibility to assist the Signage Contractor in the supervision or performance of work.
- B. No action by the Owner shall in any way relieve the Signage Contractor from the responsibility for the performance of the work in accordance to the contract documents, or give rise to any negligence or other action against the Owner or anyone acting for their behalf.
- C. Signage Contractor shall allow Owner or an authorized representative (Designer) access to his plant, excluding such areas or processes judged by the Sign Contractor to be proprietary in nature for the purpose of inspecting production techniques, materials, or other items related to the manufacturing of which the Owner is committed, or which may be contemplated
- D. Upon notification from the Signage Contractor that the work is complete, the Owner or authorized representative (Designer) will inspect the final installation for compliance with all approved documents.

#### 3.4 Retainage

- A. The provisions and conditions governing retainers are provided in the contract documents of the Owner.
- B. All payments and invoices shall be submitted to the Owner for initial approval.
- C. The Owner will review all invoices for accuracy and completion of work.

#### 3.5 Artwork

- A. The Signage Contractor will produce all artwork for all symbols and lettering, and will submit to the Designer for review prior to fabrication.
- B. Artwork for specific items and logos, as noted on the drawing documents, shall be provided electronically by the Designer



C. All other artwork, as well as final artwork for final fabrication (including reproducible film positives) is to be provided by the Signage Contractor.

#### 3.6 Delivery, Storage, And Handling

- A. Comply with manufacturer's ordering instructions and lead time requirements to avoid construction delays.
- B. Deliver products in manufacturer's original, unopened, undamaged containers with identification labels intact.
- C. Store products protected from weather, temperature, and other harmful conditions as recommended by supplier.
- D. Handle products in accordance with manufacturer's instructions.

#### 3.7 Project Conditions

- A. Weather Limitations: Proceed with installation only when existing and forecasted weather conditions permit installation of signs in exterior locations to be performed according to manufacturers' written instructions and warranty requirements.
- B. Field Measurements: If applicable take field measurements before fabrication and indicate measurements on Shop Drawings.

#### 3.8 Coordination

A. Coordinate placement of anchorage devices with templates for installing signs.

#### 3.9 Other

- A. Field dimensions shall be taken by the Signage Contractor prior to preparation of Shop Drawings and fabrication where possible.
- B. Time shall be allowed for trimming and fitting wherever the taking of field measurements before fabrication might delay work.
- C. All supplementary parts necessary to complete each item shall be furnished by the Signage Contractor, even though such parts are not definitely shown or specified. All anchors and other fasteners for securing work shall be included.

#### 4.0 SIGNAGE CONTRACTOR RESPONSIBILITIES

#### 4.1 Design Responsibility

- A. The graphic design requirements shown by the details on the sign type drawing documents are for design intent only and intended to establish basic dimensions of units or modules, profiles and sight lines of members, and appearance. Within these limitations, the Signage Contractor is responsible for fabrication of the entire system, and to make whatever modifications of and additions to the details as may be required. The visual design concept shall be maintained as shown, including members sizes, profiles and alignment of components as accurately as possible.
- B. The Signage Contractor shall supplement the general design shown with detailed Shop Drawings for the Designers Review and Owner's approval. The Shop Drawings shall include major aspects of the system proposed, such as sections, shapes and connections of components and joints, how temperature movement is handled, venting, and anchorage to structure.

#### 4.2 Statement of Application

A. The Signage Contractor, by commencing the work of the project, assumes overall responsibility, as part of his warranty of the work, to assure that all assembled components and parts shown that are required within the work of this project comply with the contract documents.

#### B. The Signage Contractor shall fully warrant:

- 1. That all components specified, or required, to satisfactorily complete the installation, are compatible with each other and with the conditioned of installed and expected use.
- 2. The overall effective integration and correctness of individual parts and the whole system.
- 3. Compatibility with adjoining substrate, materials and other work by other trades.
- 4. There shall be no premature material failure due to improper design, engineering, or fabrication of the system. All materials are to fully perform to their normal life expectancy.

#### 4.3 Statement of Execution

- A. The Signage Contractor shall be responsible for all work done under his contract, including:
  - 1. Faulty or improper work of sub-contractor(s) and others under him by contract or otherwise.
  - 2. Diligent execution of work and giving personal attention and supervision to the same until complete.
  - 3. All delays caused by neglect on the part of the Sign Contractor or those under him by contract or otherwise.
  - 4. Compliance with all laws, ordinances and regulations bearing on the conduct of the work as drawn and specified.
  - 5. Obtaining, at the Sign Contractors own cost, sign/construction permits, inspection certificates which may be required of the project by local authorities, or any other governing body. The Signage Contractor shall procure and pay for all permits, licenses and approvals necessary for the execution of the work.

#### 4.4 Submittals

A. By the approval and submission of Shop Drawings and samples, the Signage Contractor thereby represents that he has determined and verified all field measurements, including heights, field construction criteria, materials, catalogue numbers and similar data or will do so, and that he has checked and coordinated each shop drawing and sample with the requirements of the work and the contract documents. Refer to Section 5.0 for list of required submittals.

#### 4.5 Special Instructions

A. Signage Contractor shall halt the fabrication work when notified of a proposed change, or unsatisfactory results are anticipated. Signage Contractor shall notify the Owner or authorized representative immediately and proceed only after receiving additional instructions from the Owner or authorized representative.

#### 4.6 Protection and Handling of Products

A. Signage Contractor shall store all graphic items under cover and off

ground; handle in such manner as to protect surfaces and to prevent damage during storage, transport, installation and throughout remaining construction; protect exposed finishes by covering with adhesive paper or other suitable covering where adhesive is not appropriate for finish material; and apply covering prior to shipment from the fabricator or finishing shop. The covering shall not adversely affect finish. Signage Contractor shall remove protective coverings when there is no longer any potential for damage to the graphics work from other work yet to be performed.

#### 4.7 Shipping and Transportation

A. Signage Contractor will be responsible for proper shipping and transportation of all signage to the job site and will specify whether it will be common carrier or their own trucks. Signage Contractor will be liable for all damage incurred during shipping and loss of time in the installation schedule.

#### 4.8 Storage of Equipment

A. Space for storage of material prior to installation will be designated by the Owner. The Signage Contractor must give advance notice of deliveries and space requirements so the proper provision may be made. If deliveries are to be made to the premise at times other than normal working hours, the Signage Contractor will be required to reimburse Owner for any overtime costs incurred by Owner.

#### 4.9 Warranty

- A. Upon final completion, the Signage Contractor will warrant all work and materials to be fully complete and in accordance with the contract documents and the agreement between Owner and Signage Contractor, and requirements appertaining thereto; that all work and materials are free from any and all defects and imperfections, and fully meet the manufacturer's published performance criteria for use and purposes for which each and every part is specified.
- B. The Signage Contractor also agrees should any defect develop or appear which the Owner finds was not caused by improper use, the Signage Contractor shall promptly, upon demand, fully correct, substitute and make good any such defective material without cost to the Owner and will save the Owner harmless against any claim, demand, loss or damage by reason of any breach of this warranty.
- C. The period of this warranty shall commence on the date on which the Owner determines the Signage Contractor has met all Final Completion requirements. The period of said warranty shall last twelve (12) months unless otherwise specified.
- D. General Note: The special warranty specified in this Article shall not deprive the Owner of other rights the Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by the Contractor under requirements of the Contract Documents.
- E. Special Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of signs that fail in materials or workmanship within specified warranty period.
- F. Failures include, but are not limited to, the following:
  - 1. Deterioration of polymer finishes beyond normal weathering.
  - 2. Structural failures.



- 3. Noise or vibration caused by thermal movements.
- 4. Failure of system to meet performance requirements.
- 5. Failure of operating components to function normally.

#### G. General Notes

- Sign Contractor includes all work related to sign construction including but not limited to excavation and backfill, lawn and/ or pavement restoration, concrete, reinforcing, structural steel, polycarbonates and plastics, finishes and electrical work associated with signs.
- 2. Sign Contractor shall be responsible to provide adequate supports and blocking to accommodate this work; including attachment to concealed structure.
- 3. Sign Contractor shall be responsible for the coordination of work by trades as it relates to the work described in this contract. These responsibilities include but are not limited to coordination with existing conditions in issues regarding signage and their locations.
- 4. Sign Contractor shall be responsible for coordination of schedule and installation with Owner and Designer.
- 5. Sign Contractor shall comply with existing codes and shall be responsible for securing signage permits required by local authorities.

#### 5.0 SUBMITTALS

## 5.1 All submittals and Shop Drawings are to be delivered to the Designer for distribution.

#### 5.2 Schedule

A. A detailed graphic schedule by phases of production and installation is to be submitted by the Sign Contractor within five (5) business days of signing of contract with the Owner.

#### 5.3 Samples

A. The Sign Contractor shall submit (3) 3"x 3" samples of each color and finish of exposed materials, accessories and exposed fasteners, or final material substrate to be used in the project.

#### 5.4 Shop Drawings

- A. The Sign Contractor shall submit (1) one copy of electronic Shop Drawings in 11" x 17" format for the manufacturing, fabrication and erection of signs and graphic work at large scale, which shall show joints, anchorage, accessory items, and finishes. Shop Drawings shall be completed within 2 weeks the start of the Contract.
  - 1. Acceptance of Shop Drawings does not in any way change the documents. Documents may only be changed in writing.
  - 2. The Signage Contractor is responsible for reviewing Shop Drawings for conformance with the design intent documents and notifying, in writing, the Owner and Designer of any variation from the documents.
  - 3. Changes to the Shop Drawings are to be made by the Signage Contractor as directed by the Designer. The Designer will be allowed 1 week for review and comment on Shop Drawings.

- The Sign Contractor will receive 1 week for changes/updates as directed by Designer.
- 4. All Shop Drawings and mock-ups must be reviewed and approved prior to fabrication of signage and graphics approved in the Design Intent Drawings.
- 5. Engineering Analysis and Certification: Include engineered drawings and calculations signed and sealed by a Professional Engineer, registered with the State of Ohio, for structural and electrical work and wind load requirements.
- 6. Show type and assembly connections. Connections and accessories must be adequate to safely sustain and withstand dead load of fabrications and imposed loads which they are subjected.
- 7. Shop Drawings to show location of all access panels, item grounds and transformers, ballasts and disconnection switches.
- 8. Shop Drawings shall show scaled positions of complete sign messages on each face of each sign.

#### 5.5 Copy Layouts

A. Copy layouts are to be provided for each sign type. Signage Contractor shall submit scaled drawings of typical sign faces showing copy layout in 11 x 17 format. For multiple message sign types, a typical of each variation to the original layout shall be provided.

#### 5.6 Manufacturer's Data

A. Signage Contractor shall submit (1) copy of the manufacturer's printed specifications, anchorage details and installation, and maintenance instructions for all products to be used in the fabrication of signs and graphics work.

#### 6.0 SUBSTITUTIONS

## 6.1 Any substitution requested will be considered under these cases:

- A. When specified product is not available.
- B. When certain product or process is specified, a warranty of performance is required, and, in the judgment of the Signage Contractor, the specified product or process will not produce the desired results.
- C. When such substitutions are in the best interest of the Owner.

## 6.2 Requests for substitutions of products, materials or processes other than those specified will be accompanied by the evidence the proposed substitution:

- A. Is equal in quality and serviceability to the specified item;
- B. Will not entail changes in details and construction related to work;
- C. Will be acceptable in consideration of the required design and artistic effect;
- D. Will provide cost advantage to the Owner.
  The Sign Contractor shall furnish with his request such drawings, specification samples, performance data and other information as may be required of him to assist the Owner and Designer in determining whether the proposed substitution is acceptable. The burden of proof

shall be upon the Signage Contractor.

## 6.3 Regardless of the evidence submitted or any review or independent investigation by the Owner or Designer, a request for a substitution of products, materials, or processes is a warranty by the Signage Contractor to the Owner that the requested substitution:

- A. Is equal in quality and serviceability to the specified item;
- B. Will not entail changes in details and construction related to work;
- C. Will be acceptable in consideration of the required design and artistic effect:
- D. Will provide cost advantage to the Owner.

## 6.4 Proposed substitutions will be made after the signing of the contract and not during the bid phase.

- A. Signage Contractor shall submit requests for substitutions to the Designer in writing with the first round of Shop Drawings, giving sufficient information and samples for evaluation with the differences in costs, if any.
- B. Substitutions must be approved in writing by the Owner and Designer before they may be used.

#### 7.0 PRODUCTS OF FABRICATION

### 7.1 Shop fabrication and tolerances shall conform to the standards of the industry.

A. Signage Contractor shall perform high-quality, professional workmanship, attach materials with sufficient strength, number and spacing not to fail, and fabricate all work to be truly straight, plumb, level and square and to sizes, shapes and profiles indicated on the approved Shop Drawings.

#### 7.2 Materials and Workmanship

- A. The Signage Contractor shall use, whenever possible, standard sizes and readily available materials to reduce cost of fabrication. All materials shall be of the highest quality and shall meet all industry standards. To establish a standard quality, design and function desired, portions of the Design Intent Documents and Specifications may be based on products or manufacturers herein. When specific products are mentioned, it should be noted that the manufacturers of similar products may be considered for approvals as "equal" by the Designer upon receipt of adequate supporting data
- B. All materials utilized for the work of this contract shall meet all applicable codes, including Fire and Life Safety codes, of authorities having jurisdiction over the projects. The Sign Contractor shall immediately report any discrepancies to the Designer for resolution. The Contractor shall not substitute products without obtaining prior written approval from the Owner and Designer.
- C. All sign faces shall be smooth and even, free from imperfections and disfiguring caused by such things as welding, material being too thin, fasteners and welds not being ground smooth, oil canning, staining, discoloration or uneven coloration, puckering, or any other problems not specifically mentioned herein.
- D. Climate conditions of the project site must be considered and the sign units designed and engineered to prevent problems caused by



- weather, expansion, contraction, condensation, and any other possible problems resulting from exposure to the elements.
- E. Weep holes, heat vents, etc. shall be considered for incorporation by the Sign Contractor on each sign type as required and/or necessary. Weep holes, vents, access panels and other functional, but nonaesthetic, components must be placed so as to be inconspicuous as possible. All such items must be shown on the Shop Drawings for approval prior to fabrication.
- F. All finish work shall be smooth and free from abrasion, tool marks, visible welds, exposed fasteners or similar defects. All corners, reveals and joints shall be milled to matching adjoining pieces and shall be fabricated so that they are straight and/or configured to match the Design Intent Documents.
- G. Defective workmanship of any type shall not be tolerated and will result in rejection of the supplied product.

#### 7.3 Systems Performance Requirements

- A. General: Signage Contractor shall engineer, fabricate and install signs 7.6 Color to meet Performance Requirements included in these Specifications and the following criteria:
  - 1. Code Compliance: Work, including structural loading, shall comply with all applicable Federal, State and Local Codes and applicable regulations of authorities having jurisdiction including ADA compliance.
  - 2. Design Criteria: The Drawings and Specifications indicate sizes, colors, layouts, profiles, critical details and dimensional requirements of signs.
  - 3. Windloading: All sign types and supporting devices, anchorage, etc. must be designed to withstand a wind speed of 100 mph on the total sign area applied in all directions and comply with all applicable codes.
  - 4. Thermal Movement Temperature Change (range): 120 degrees Fahrenheit ambient, 180 degrees Fahrenheit material surfaces.
  - 5. Control of Corrosion: Prevent galvanic action and other forms of corrosion by insulating metals and other materials from direct contact with incompatible materials.

#### 7.4 Typography & Graphics

- A. The Sign Contractor shall report any discrepancies or conflicting sign specifications, such as message too long for specified format, to the Designer for resolution.
- B. Electronic art (either Mac or Windows format) for logos and symbols shall be supplied by the Designer on disk in Mac or Windows format for the Signage Contractor's use in producing electronically cut images, patterns, or friskets. This is the only acceptable source of art for the logos and symbols. Sign Contractor shall not use artwork included as part of these Documents for final photography or digitizing.
- C. All fonts specified must be purchased by the Signage Contractor for use in this program.
- D. All final output or implementation of typography and graphics are to be sharp (without serrated or irregular edges) and exactly true to the

- letter style and/or design form.
- E. Signage Contractor shall allow for hand kerning of messages, at no additional cost, in which letters and numbers, although adequately spaced, appear to the Designer to be less readable, or unsatisfactorily spaced.

#### 7.5 Digital Graphics

- A. Opaque continuous tone photo-quality print minimum 72 pixels per
- B. Graphics should be printed directly to substrate and be applied smoothly: free of peeling, bubbling or other application defects.
- C. Graphics are expected to hold to applied surfaces.
- D. Graphics should utilize inks resistant to UV-A, UV-B, Xenon and
- E. Any graphics used outside should be exterior-rated: resistant to fading and other weather-related defects.

- A. Color Specifications: Signage Contractor shall provide products matching those listed in the Design Intent Documents in both color and quality. For colors requiring a match, paint products shall be used which best match the PMS or Matthews swatch specified. Samples shall be submitted in accordance with the requirements of Section 5.0 and of these Specifications for approval prior to fabrication.
- B. Color specifications for the work of the project are listed on individual pages of the Design Intent Documents.
- C. Consult the Design Intent Documents to ascertain all sign components to receive color.
- D. Coatings are to accurately match the color specified. The number of coatings must be adequate to achieve the color specified. Three (3) samples of each color using the actual coating type must be submitted for approval prior to production, in accordance with Section 5.0 of these Specifications.

#### 7.7 Finish

- A. All coating applications are to be smooth and consistently uniform. The cured coating surface is to have a uniform finish that matches the specified color and finish. Exact identification of all coatings and a description of the method of application shall be identified in the Shop Drawings.
- B. Color breaks that occur on the sign face are to be sharp, even, with no serration or color bleed. All splatters, drips, spills and over sprays shall be removed.

#### 7.8 Applied Vinyl Film

- A. Vinyl Film: Signage Contractor shall provide opaque or reflective high performance vinyl film as indicated on the Design Intent Drawings, 2 mil maximum thickness, with pressure sensitive adhesive, suitable for outdoor application to vinyl, painted surfaces, and metal applications.
- B. All machine cut vinyl typography and graphics are to be on high-grade self-adhesive 3M Scotch Brand 2 mil maximum high performance, cast vinyl films with a minimum of (7) years durability or approved equal (or otherwise noted). The application of the vinyl characters is to be smooth, without bubbles, ridges or other imperfections.

- C. All vinyl typography (including letters, arrows, numbers, symbols, logos, etc.) shall be digitally reproduced, and machine cut.
- D. Surface coatings should be allowed to dry a minimum of 3 to 4 days before applying vinyl letters or graphics in order to avoid bubbles forming in the vinyl from out-gassing of the curing coating.
- E. Letters for sign panels are to have positionable pressure-activated gray pigmented adhesive to provide minimal color show through.

#### 7.9 Acrylic (PMMA) Sheet

- A. ASTM D 4802, Category A-1 (cell-cast sheet), Type UVA (UV
- B. Thickness, color, and type as specified in the sign type drawings.
- C. Material to be free from scratches or defects and be clean and edges finished per manufacturer's instructions.
- D. Sheet materials and sampling shapes shall be of thickness recommended by sign fabricator to produce straight or evenly curved surfaces, free from waviness, wrinkles or other deformation except as otherwise herein specified or indicated on drawings.
- E. Colored Coatings for Acrylic Sheet: For copy and background colors, provide colored coatings, including inks, dyes, and paints, that are recommended by acrylic manufacturers for optimum adherence to acrylic surface and that are UV and water resistant for five years for application intended.

#### 7.10 Fabricated Channel Characters

- A. Form exposed faces and sides of characters to produce surfaces free from warp and distortion. Include internal bracing for stability and attachment of mounting accessories. Comply with the following requirements and those shown on Design Intent Drawings:
  - 1. Aluminum Sheet: Not less than 0.090 inch thick.
  - 2. Illuminated Front lighted Channel Characters: Manufacturer's standard LED lighting including transformers, insulators, and other components. Make provisions for servicing and concealing connections to building electrical system.
  - 3. Provide translucent acrylic face sheet of thickness indicated.
  - 4. Provide required lighting to illuminate sign faces evenly

#### 7.11 Castings

A. ASTM B 26/B 26M, of alloy and temper recommended by sign manufacturer for casting process used and for use and finish indicated.

#### 7.12 Aluminum Sheet and Plate

A. ASTM B 209 (ASTM B 209M), alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated, and with at least the strength and durability properties of Alloy 5005-H32.

#### 7.13 Aluminum Extrusions

A. ASTM B 221 (ASTM B 221M), alloy and temper recommended by aluminum producer and finisher for type of use and finish indicated, and with at least the strength and durability properties of Alloy 6063-T5.



#### 7.14 Steel

- A. Steel Members Fabricated from Plate or Bar Stock: ASTM A 529/A 529M or ASTM A 572/A 572M, 42,000-psi (290-MPa) minimum yield strength.
- B. For steel exposed to view on completion, provide materials having flat, smooth surfaces without blemishes. Do not use materials whose surfaces exhibit pitting, seam marks, roller marks, rolled trade names, or roughness.

#### 7.15 Separation of Metals

- A. There shall be no bare aluminum in contact with any other metals, wood or concrete.
- B. Contact surfaces shall be separated by a coating of zinc chromate and aluminum paint, or a heavy body bituminous paint or by a gasket.

#### 7.16 Paints/Coatings/Finishes

- A. Surface Preparation: Signage Contractor shall remove mill scale and rust, if present from uncoated steel and prime for painted finish.
- B. Only highest quality 2-part catalyst-hardened acrylic polymer coatings are to be used. Color fastness is of utmost importance as well as quality and other assurances against abnormal deterioration such as peeling, cracking, crazing, etc.
- C. Coatings shall be prepared as designated by the manufacturer's latest literature for surface preparation and application but in no case less than one (1) applicable primer coat and two (2) final full coats. All finished surfaces shall be uniform.
- D. All coatings (paint, ink, etc.) shall have UV inhibitors, and shall not fade or discolor when exposed to ultraviolet light.
- E. Colors shall match color designations as indicated on the drawings.
- F. Sign Contractor shall protect mechanical finishes on exposed surfaces from damage by applying strippable, temporary protective covering before shipping.

#### 7.17 Fasteners

- A. Signage Contractor shall use concealed fasteners fabricated from metals that are not corrosive to the sign material and mounting surface. All dissimilar materials must be separated from contact with each other. Fasteners shall be compatible with adjacent materials and substrates.
- B. Anchors and Inserts
  - 1. Signage Contractor shall use nonferrous metal or hot-dipped galvanized anchors and inserts for exterior installations and elsewhere as required for corrosion resistance.
  - 2. Signage Contractor shall use expansion bolts or other fastening devices for drilled-in-place anchors designed to withstand all required loads.
  - 3. Signage Contractor shall furnish inserts, as required, to be set into concrete or masonry work.
- C. Exposed Fasteners: Sign Contractor shall finish exposed fasteners to match adjacent surfaces and as directed by Designer to achieve an attractive, finished appearance.

#### 8.0 FABRICATION

- A. Signage Contractor shall provide sign copy to comply with the requirements indicated for size, styles, spacing, content, positions, materials, finishes, and colors of letters, numbers and symbols, and other graphic devices and construct to accurate details and dimensions as shown, and as reviewed on Shop Drawings.
- B. Exposed fasteners on finished sign faces will not be allowed, unless specifically indicated.
- C. Signage Contractor shall conceal wiring, conduit, and other electrical items within sign enclosures.

#### 8.1 Shop Assembly

A. Signage Contractor shall preassemble items in shop to greatest extent possible to minimize field splicing and assembly. Signage Contractor shall disassemble units only as necessary for shipping and handling limitations. Signage Contractor shall clearly mark units for reassembly and coordinated installation.

#### 8.2 Welding

A. All welding procedures shall conform to applicable AWS specifications. Type of alloy filler metal and electrodes to be that which is recommended by producer of metal to be welded, and as required for color match, strength and compatibility in the fabricated items.

#### 8.3 Flatness of Panels

A. Panels shall show no visible distortion when viewed in installed position.

#### 8.4 Cutting/Routing

- A. Signage Contractor shall cut and route in a manner to produce smooth, true, and clean edges and corners of finished graphics and letterforms. Graphics and letterforms having positive or negative corners, nicked, cut or ragged edges are not acceptable. Signage Contractor shall align and maintain parallel baselines and margins as indicated on the drawings.
- B. Mill joints to tight, hairline fit. Form joints exposed to weather to exclude water penetration

#### 9.0 EXECUTION

9.1 Quality and acceptability of the Signage Contractor's work will be monitored throughout the fabrication and installation phases of the project. Work will be reviewed by the Designer.

#### 9.2 Examination

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work.
- B. Verify that items including anchor inserts, and electrical power are sized and located to accommodate signs.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

#### 9.3 Shop Reviews

A. Signage Contractor shall notify Designer at least 48 hours in advance of operations requiring reviews.

#### 9.4 Scheduled Reviews

A. Selected sign types (TBD) shall require a shop review of each fully assembled structure after welding and before prime or paint application.

#### 9.5 Site Reviews

A. Upon arrival of any shipment of sign units or materials, the Signage Contractor shall inspect the shipment to verify that no damage has occurred that will adversely affect the performance or appearance of the units or materials. The Owner/Designer shall not accept, as approved, any units or materials previously rejected by the Designer and not repaired or revised to the Designer's satisfaction.

#### 9.6 Sign Locations

A. The Signage Contractor shall field-verify all proposed sign locations in the field and conduct a walk-through with the Designer in order to obtain a written approval of the proposed locations before installation of the sign units. All locations must be permitted through the City's process (by Signage Contractor).

#### 9.7 Punch List

A. Immediately after installation of the signs, the Signage Contractor shall arrange for the Designer to review the work in place and give written notice of any deviations, errors, missions or other unacceptable condition in a punch list to be prepared and distributed to the proper fabricators or consultants for correction.

#### 9.8 Final Sign-Off

A. At final completion of all work, including punch list items for each group of signs, the Signage Contractor shall arrange for a final review by the Owner/Designer for the purpose of obtaining a written approval of the fabrication and installation of the units

#### **10.0 INSTALLATION**

- A. The installation of fixed materials shall be under the general direction of the Owner/Designer in accordance with applicable specifications and layout drawings.
- B. Locate signs and accessories where indicated, using mounting methods of types described and complying with manufacturer's written instructions.
- C. Install signs level, plumb, and at heights indicated, with sign surfaces free of distortion and other defects in appearance.
- D. Mechanical Fasteners
  - 1. Use non-removable mechanical fasteners placed through predrilled holes.
  - 2. Attach signs with fasteners and anchors suitable for secure attachment to substrate as recommended in writing by sign manufacturer.
- E. It is the Sign Contractor's responsibility to install signs in accordance with ADA-ABA Accessibility Guidelines and local building codes.

#### 10.1 Preparation

A. Signage Contractor shall coordinate setting drawings, diagrams, templates, instructions and directions for the installation of items



having integral anchors which are to be embedded in concrete. Signage Contractor shall coordinate delivery of such items to applicable trades for installation. Sign Contractor is also responsible for procuring any obstruction permits that may be necessary while installing within city streets and public right-of -ways.

#### 10.2 Delivery to Premise

A. Signage Contractor is responsible for securing staging and storage areas. Unless indicated to the contrary, items of loose material shall be delivered, uncrated, assembled, set in proper place and installed ready for use, free from breakage, blemishes or other defects.

#### 10.3 Anchors and Inserts

A. Signage Contractor shall furnish inserts and anchoring devices which must be set in concrete or built into masonry for installation of this work, provide setting drawings, templates, instructions and directions for installation of anchorage devices and provide units with exposed surfaces matching the texture and finish of metal item anchored.

#### 10.4 Cutting/Fitting/Placement

- A. Signage Contractor shall perform all cutting, drilling and fitting required for installation, set work accurately in location, alignment and elevation, plumb, level and true, measured from established lines and levels, and provide temporary bracing or anchors as required.
- B. Signage Contractor shall form tight joints with exposed connection accurately fitted with uniform reveals and spaces for sealants and joint fillers. Where cutting, welding and grading are required for proper shop fitting and jointing of the work, Signage Contractor shall restore finishes to eliminate any evidence of corrective work
- C. Signage Contractor shall not cut or abrade finishes which cannot be completely restored in field. Signage Contractor shall return items with such finishes to the shop for required alterations, followed by complete refinishing or providing new units at Signage Contractor's option.

#### 10.5 Erection

A. All surfaces shall be covered with protective non-deleterious finish for protection until final installation or erection. Signage Contractor shall complete all connections in proper alignment and tighten bolts securely. Leveling is to be done only by instruments; measuring equal distances from existing surfaces will not be acceptable as a basis of level and/or plumb. After erection, all surfaces marred during erection and exposed bolts, bolt heads, etc., shall be retouched with same paint as previous.

#### 10.6 Protective Coverings

A. Sign Contractor shall restore protective coverings which have been damaged during shipment or installation of the work, remove protection when requested for inspection of finishes and replace, retain protective coverings intact and remove simultaneously from similar finished items to preclude non-uniform oxidation and discoloration and remove protective coverings only when there is no possibility of damage from other work yet to be performed at the same location.

#### 10.7 Cleaning of Premises/Signs

A. The Signage Contractor shall use special care in the disposition

- of excess materials and rubbish. Rubbish shall not be allowed to accumulate but shall be consistently collected and removed at the completion of this work, on a daily basis.
- B. After installation, Signage Contractor shall clean soiled sign surfaces according to manufacturer's written instructions, protect signs from damage until acceptance of Owner and touch up all nicks, scratches, fasteners that require color.



#### **Proposal Form**

## Request for Proposal Metro Campus

## Hospitality Management Center Signage

**Project No. C20174157** 

Revised 11/23/2020

Having read the Request for Proposal, prepared by the Office of the Capital & Construction, Cuyahoga Community College District Office, Cleveland, Ohio 44115 and having also received, read, and taken into account any Addenda and likewise having inspected the sites of, and conditions affecting and governing the construction of the said project, the undersigned hereby proposes to furnish all material and to perform all labor, as specified in this RFP for the said work, for the following sum (please round all numbers to the nearest dollar):

#### **Time of Completion**

Some in words:

	and	/100 dollars
Base Bid item 2: Suspended blade sign (2 assemblies) Includes allowance of	f \$15,000 for e	electrical:
ALL LABOR AND MATERIALS, for the sum of		\$
Sum in words:		
	and	/100 dollars
Base Bid item 3: White acrylic logo and letters wall sign (1 assembly):		
ALL LABOR AND MATERIALS, for the sum of		\$
Sum in words:		
	and	/100 dollars
Base Bid item 4: Menu box (1 assembly):		
ALL LABOR AND MATERIALS, for the sum of		\$
Sum in words:		
	and	/100 dollars
Signatura		
Signature:		
Printed Name:		
Title:		
Company:		



Cuyahoga Community College Metro Campus HMC Signage Project # C20174157

Pre-Bid Meeting 11/19/2020 9:00 AM

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Name	Mar la Makaryk	Steve GAZE Pot	Samuel Costine	JOHN WASH	TOM RUFF	Dunna Hasleft		-				