

**ISSUE:** Certificate of Appropriateness for modification of previously approved design for bus shelters

**APPLICANT:** Department of Transportation & Environmental Services, City of Alexandria

**LOCATION:** Multiple locations throughout the Parker Gray District and the Old and Historic Alexandria District

**ZONE:** Multiple Zones

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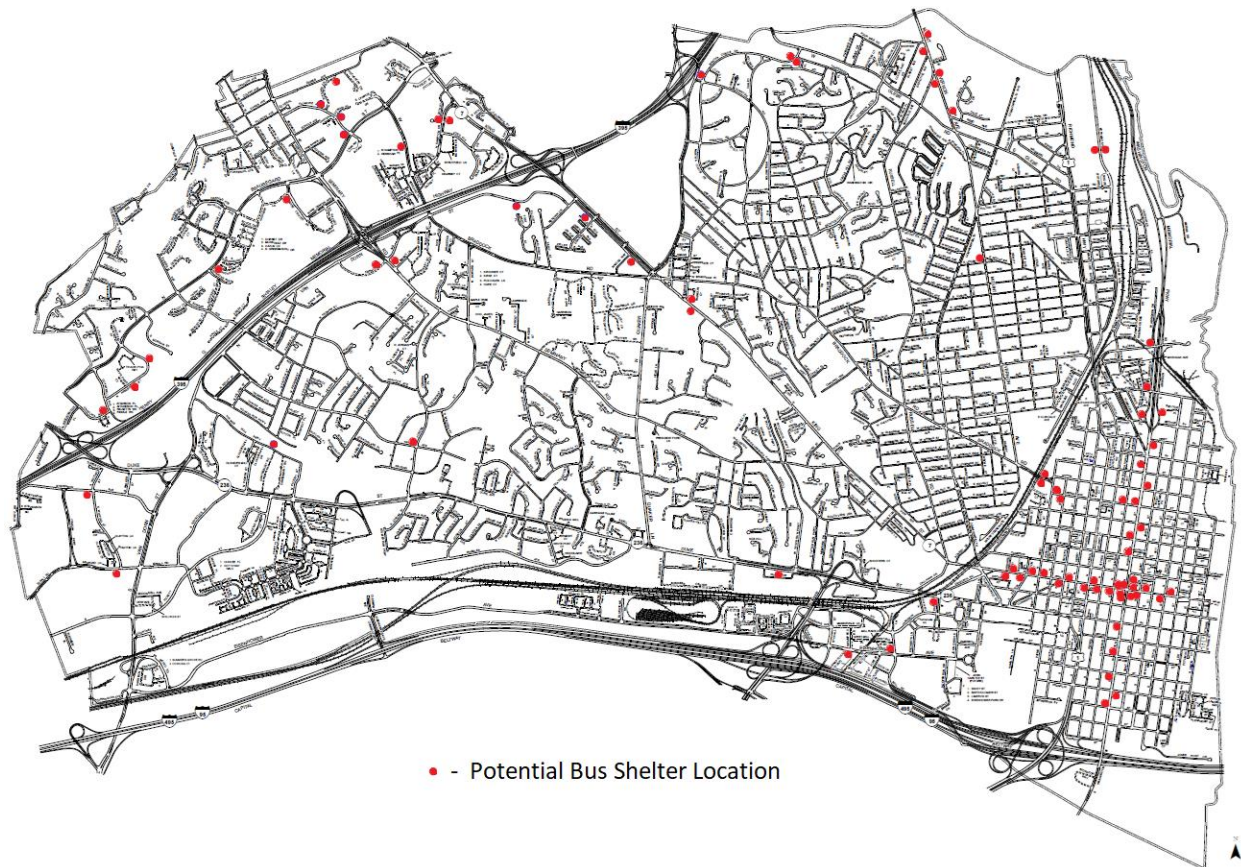
**STAFF RECOMMENDATION**

Staff recommends approval of the Certificate of Appropriateness for the modification of previously approved design for bus shelters, as submitted

**GENERAL NOTES TO THE APPLICANT**

1. **APPEAL OF DECISION:** In accordance with the Zoning Ordinance, if the Board of Architectural Review denies or approves an application in whole or in part, the applicant or opponent may appeal the Board's decision to City Council on or before 14 days after the decision of the Board.
2. **COMPLIANCE WITH BAR POLICIES:** All materials must comply with the BAR's adopted policies unless otherwise specifically approved.
3. **BUILDING PERMITS:** Most projects approved by the Board of Architectural Review require the issuance of one or more construction permits by Department of Code Administration (including signs). The applicant is responsible for obtaining all necessary construction permits after receiving Board of Architectural Review approval. Contact Code Administration, Room 4200, City Hall, 703-746-4200 for further information.
4. **ISSUANCE OF CERTIFICATES OF APPROPRIATENESS AND PERMITS TO DEMOLISH:** Applicants must obtain a copy of the Certificate of Appropriateness or Permit to Demolish PRIOR to applying for a building permit. Contact BAR Staff, Room 2100, City Hall, 703-746-3833, or [preservation@alexandriava.gov](mailto:preservation@alexandriava.gov) for further information.
5. **EXPIRATION OF APPROVALS NOTE:** In accordance with Sections 10-106(B), 10-206(B) and 10-307 of the Zoning Ordinance, any Board of Architectural Review approval will expire 12 months from the date of issuance if the work is not commenced and diligently and substantially pursued by the end of that 12-month period.
6. **HISTORIC PROPERTY TAX CREDITS:** Applicants performing extensive, certified rehabilitations of historic properties may separately be eligible for state and/or federal tax credits. Consult with the Virginia Department of Historic Resources (VDHR) prior to initiating any work to determine whether the proposed project may qualify for such credits.

## Potential Site Locations for Bus Shelters Installation



**Table 1: Potential Bus Shelter Locations:**

No.	Location	Corner	Direction of Travel	Bus Stop ID
1	725 King St. and N. Columbus St.*^	NE	W	4000860
2	1616 King St. and N. Harvard St.*^	SW	E	4000869
3	108 S.Washington and King St.*^	SE	N	4000025
4	515 King St. and N. St. Asaph St.*^	NE	W	4000857
6	301 King Street and N. Royal St.*^	NE	W	4000638
13	801 Pendleton St. and S. Columbus St.*^	NW	W	4000096
16	1131 King St. and N. Fayette St.*^	NE	W	4000874
22	1419 King St. and N. Peyton St.*^	NE	W	4000867
42	700 S. Washington St. and Franklin St.*^	SE	N	4000007
47	921 King St. and N. Patrick St.*^	NE	W	4000864
48	602 King St. and S. Saint Asaph St.*^	SW	E	4000841
50	619 King St. and N. Washington St.*^	NE	W	4000858
51	1321 King St. and N. West St.*^	NE	W	4000552
52	1607 King St. and Harvard St.*^	NE	W	4000876
53	1502 King St. and S. Peyton St.*^	SW	E	4000867

**Docket #4**  
**BAR #02022-00376**  
**Parker-Gray District and Old and Historic Alexandria District**  
**September 27, 2022**

54	1204 King St. and S. Fayette St.^	SW	E	4000875
55	1002 King St. and S. Patrick St.^	SW	E	4000886
56	900 King St. and S. Alfred St.^	SW	E	4000640
57	800 King St. and S. Columbus St.^	SW	E	TBD
58	704 King St. and S. Washington St.^	SW	E	4000871
59	400 King St. and S. Royal St.^	SW	E	4000778
61	115 N. Washington St. and King St. (N. of King St.)^	NE	N	4000028
62	421 N. Washington St. and Oronoco St.^	SE	N	4000074
63	703 N. Washington St. and Wythe St.^	NE	N	4000125
64	919 N. Washington St. and First St.^	SE	N	4000170
65	1101 E. Abingdon Dr. and Second St.^	NE	N	4000190
66	1600 W. Abingdon Dr. and Slaters Lane^	NW	S	4000255
67	1332 W. Abingdon Dr. and Bashford Lane^	NW	S	4000970
68	1101 W. Abingdon Dr. and Second St.^	NW	S	4000193
69	828 N. Washington St. and Montgomery St.^ (between Montgomery and Madison)	SW	S	4000153
70	600 N. Washington St. and Pendleton St.^	NW	S	4000100
71	400 N. Washington St. and Princess St.^	NW	S	4000066
72	300 N. Washington St. and Queen St.^	NW	S	4000048
73	106 N. Washington St. and King St (North Side)^	NW	S	4000027
74	113 S. Washington St. and King St. (South Side)^	SW	S	4000026
75	301 S. Washington St. and Duke St.^	SW	S	4000013
76	433 S. Washington St. and Wilkes St.^	NW	S	4000011
77	601 S. Washington St. and Gibbon St.^	SW	S	4000008
78	715 S. Washington St. and Jefferson St.^	NW	S	4000006
79	833 S. Washington St. and Green St.^	NW	S	4000004

\* Indicates the initial site locations to be prioritized by TES.

^ Indicates site locations within City of Alexandria Historic Districts – Regulated by BAR

## **I. APPLICANT'S PROPOSAL**

The applicant is requesting a Certificate of Appropriateness for the revised design of bus shelters to be installed in various locations throughout both historic districts. The current design dates from 2015, since that time a number of deficiencies have been identified in that design including initial cost, cost to maintain, and durability. In 2015, the Board denied the inclusion of solar panels on the proposed bus shelters, noting the bulkiness of these panels. Since that time, solar panel technology has improved, allowing for slimmer panels that are only minimally visible on the roof of the shelter.

### **Site context**

The bus shelters are to be installed in multiple locations, as they are to be located adjacent to roadways each of them will be completely visible from a public right of way.

## **II. HISTORY**

In 2011, the City established the current bus shelter design after performing an extensive public outreach and BAR review process. Public meetings were held, and suggestions were incorporated into the design. Ultimately, a design firm was hired to create a distinct design for the City and design drawings were approved in 2015. Initially, a prefabricated design was considered. However, the available options were more limited at that time, and after review of many options, it was decided that a prefabricated scheme was not appropriate for the City. All of the prefabricated options were either too modern or too Colonial Revival in nature.

From May 2017 to November 2019, the City has installed the approved bus shelter design model at 27 site locations. Maintenance has been an issue for these shelters because the design incorporated elements that were prone to vandalism and costly to fix.

In 2020 and 2021, the Department of Project Implementation Staff collaborated with Transportation & Environmental Services Staff, Public Works Services Staff and Planning & Zoning Staff (City Staff) to explore prefabricated bus shelter model options that are significantly similar to the current design, less costly and less costly to maintain.

### **Previous BAR Approvals**

BAR2011-0263 & 0264 – Original approval of bus shelter design

## **III. ANALYSIS**

The modified bus shelter design shares many similar features to the current design. It has a roof that peaks in the front and slopes to the back of the shelter, tempered laminated safety glass wall panels secured to a black metal frame with no panels on the front of the shelter. There will also be a top front-mounted location sign, a map panel to display route maps, and a visually coordinated black metal bench located within the shelter.

The proposed bus shelter model comes in 4 different size configurations, measure approximately:  
a) 12 feet long by 3.5 feet wide, b) 12 feet long by 5 feet wide, c) 16 feet long by 3.5 feet wide, d)

16 feet long by 5 feet wide, and has a contemporary and minimalist modular design, which provides great serviceability in different site conditions. The shelters will have a small solar panel affixed to one of the top roof panels to power low-level lighting for safety.

Additionally, City Staff coordinated to improve upon some of the production details compared to the current design: a) a more durable and less costly to maintain tinted polycarbonate roof to reduce heat for rider comfort (as opposed to fogged safety glass), b) wall panels to be framed and installation of lean rails to reduce potential breakage (as opposed point connectors), c) location sign and light fixture mounted on a horizontal beam to reduce signs being vandalized (as opposed to the location sign mounted to the light fixture suspended from the roof panel),

### Comparison Between Modified and Current Design

	Modified Design	Current Design
Structure Color	Black	Black
Structure Style	Sloped Roof	Sloped roof
Map Display Panel	Included	Included
Roof Panel Material	<b>^Tinted Polycarbonate</b>	Fogged Safety Glass
Wall Panel Material	Safety Glass	Safety Glass
Beams and Columns	Circular	Rectangular
Different Size Configurations	<b>^Four</b>	One
Location Sign	<b>^Mounted on a Beam</b>	Mounted on light fixture
Light Fixture	<b>^Mounted on a Beam</b>	Suspended from the Roof
Bench	Visually Coordinated	City Standard
Handrails	<b>^Included</b>	None
Wall Panel Connection	Framed	Connectors
Solar Panel	<b>^Included</b>	Rejected (Design was unacceptable)
^ Indicates improvements to current design		

A small amount of electrical power is needed for low-level general illumination. However, because of the need for separate electrical transformers, metering and undergrounding requirements, it is both technically and economically infeasible to provide this power from the public utility grid. Solar collectors provide a less expensive solution and support the City's green building policies. Staff finds that the proposed solar panel attached to a single roof panel of each shelter to be acceptable. During the initial approval of the design for the bus shelters it was determined that the solar panels that were proposed at that time were too bulky and detracted from the overall appearance of the design. Solar panel technology has improved since the original submission and the design now being proposed includes slim solar panels that are minimally visible while achieving the functional needs of the shelters.

The aesthetic differences between the previously approved custom shelters and the currently proposed design are minimal while allowing for some much needed functional improvements



(Figure 1). The intention of the design was originally to make them clearly modern but also minimal in appearance so that they do not compete with the nearby historic resources. Staff believes that the changes to the design maintain this original design intent.



**Figure 1: Comparison of previously approved design (top) and modified design (bottom)**

Staff finds that the proposed modification to the previously approved design for the bus shelters does not materially change their compatibility with the existing historic fabric and supports the use of this clearly functionally improved design. Staff recommends that the Board approve the Certificate of Appropriateness as submitted.

**STAFF**

Bill Conkey, AIA Historic Preservation Architect, Planning & Zoning  
Tony LaColla, AICP, Land Use Services Division Chief, Planning & Zoning

**III. CITY DEPARTMENT COMMENTS**

Legend: C- code requirement R- recommendation S- suggestion F- finding

**Zoning**

No comments received

**Code Administration**

No comments received.

**Transportation and Environmental Services**  
**CONDITIONS**

- R-1 The building permit must be approved and issued prior to the issuance of any permit for demolition, if a separate demolition permit is required. (T&ES)
- R-2 Applicant shall be responsible for repairs to the adjacent city right-of-way if damaged during construction activity. (T&ES)
- R-3 No permanent structure may be constructed over any existing private and/or public utility easements. It is the responsibility of the applicant to identify any and all existing easements on the plan. (T&ES)

**FINDINGS**

- F-1 After review of the information provided, an approved grading plan is not required at this time. Please note that if any changes are made to the plan it is suggested that T&ES be included in the review. (T&ES)

**CODE REQUIREMENTS**

- C-1 The applicant shall comply with the City of Alexandria's Solid Waste Control, Title 5, Chapter 1, which sets forth the requirements for the recycling of materials (Sec. 5-1-99). (T&ES)
- C-2 The applicant shall comply with the City of Alexandria's Noise Control Code, Title 11, Chapter 5, which sets the maximum permissible noise level as measured at the property line. (T&ES)

- C-3 Roof, surface and sub-surface drains be connected to the public storm sewer system, if available, by continuous underground pipe. Where storm sewer is not available applicant must provide a design to mitigate impact of stormwater drainage onto adjacent properties and to the satisfaction of the Director of Transportation & Environmental Services. (Sec.5-6-224) (T&ES)
- C-4 All secondary utilities serving this site shall be placed underground. (Sec. 5-3-3) (T&ES)
- C-5 Any work within the right-of-way requires a separate permit from T&ES. (Sec. 5-2) (T&ES)
- C-6 All improvements to the city right-of-way such as curbing, sidewalk, driveway aprons, etc. must be city standard design. (Sec. 5-2-1) (T&ES)

#### **ALEXANDRIA ARCHAEOLOGY**

Archaeology has no comments

#### **V. ATTACHMENTS**

*1 – Supplemental Materials*

*2 – Application for BAR 2022-00376*



ADDRESS OF PROJECT: Multiple LocationsDISTRICT: ☒ Old & Historic Alexandria ☒ Parker – Gray ☐ 100 Year Old BuildingTAX MAP AND PARCEL: Multiple Locations ZONING: \_\_\_\_\_APPLICATION FOR: *(Please check all that apply)*☒ CERTIFICATE OF APPROPRIATENESS☐ PERMIT TO MOVE, REMOVE, ENCAPSULATE OR DEMOLISH  
*(Required if more than 25 square feet of a structure is to be demolished/impacted)*☐ WAIVER OF VISION CLEARANCE REQUIREMENT and/or YARD REQUIREMENTS IN A VISION  
CLEARANCE AREA (Section 7-802, Alexandria 1992 Zoning Ordinance)☐ WAIVER OF ROOFTOP HVAC SCREENING REQUIREMENT  
*(Section 6-403(B)(3), Alexandria 1992 Zoning Ordinance)*Applicant: ☒ Property Owner ☐ Business *(Please provide business name & contact person)*Name: Murphy NgAddress: 301 King Street, Suite 3200City: Alexandria State: VA Zip: 22314Phone: 703.746.4699 E-mail: murphy.ng@alexandriava.govAuthorized Agent *(if applicable)*: ☐ Attorney ☐ Architect ☐ \_\_\_\_\_Name: Same as Applicant Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

**Legal Property Owner:**Name: Same as Applicant

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone: \_\_\_\_\_ E-mail: \_\_\_\_\_

NA ☐ **Yes** ☐ **No** Is there an historic preservation easement on this property?  
 NA ☐ **Yes** ☐ **No** If yes, has the easement holder agreed to the proposed alterations?  
 NA ☐ **Yes** ☐ **No** Is there a homeowner's association for this property?  
 NA ☐ **Yes** ☐ **No** If yes, has the homeowner's association approved the proposed alterations?

If you answered yes to any of the above, please attach a copy of the letter approving the project.

**NATURE OF PROPOSED WORK:** *Please check all that apply*

- ☒ NEW CONSTRUCTION  
☐ EXTERIOR ALTERATION: *Please check all that apply.*  
     ☐ awning                      ☐ fence, gate or garden wall    ☐ HVAC equipment                      ☐ shutters  
     ☐ doors                        ☐ windows                            ☐ siding                                  ☐ shed  
     ☐ lighting                      ☐ pergola/trellis                      ☐ painting unpainted masonry  
     ☐ other \_\_\_\_\_  
☐ ADDITION  
☐ DEMOLITION/ENCAPSULATION  
☐ SIGNAGE

**DESCRIPTION OF PROPOSED WORK:** *Please describe the proposed work in detail (Additional pages may be attached).*

The purpose of this application is to apply for usage of a prefabricated bus shelter model (modified design) in lieu of the current design approved in 2015. Once approved, this bus shelter model will be used as the primary bus shelter to be installed by the City CIP projects and Developers throughout the City moving forward. The modified bus shelter design is substantially similar to the current design and offer improvements that would make it more durable. Improvements include a more impact resistant roof, compact solar panels, framed wall panels, handrails, and better mounting system for light fixture and location sign.

**SUBMITTAL REQUIREMENTS:**

Items listed below comprise the **minimum supporting materials** for BAR applications. Staff may request additional information during application review. Please refer to the relevant section of the *Design Guidelines* for further information on appropriate treatments.

Applicants must use the checklist below to ensure the application is complete. Include all information and material that are necessary to thoroughly describe the project. Incomplete applications will delay the docketing of the application for review. Pre-application meetings are required for all proposed additions. All applicants are encouraged to meet with staff prior to submission of a completed application.

Electronic copies of submission materials should be submitted whenever possible.

**Demolition/Encapsulation :** *All applicants requesting 25 square feet or more of demolition/encapsulation must complete this section. Check N/A if an item in this section does not apply to your project.*

- N/A
- ☐ ☒ Survey plat showing the extent of the proposed demolition/encapsulation.  
☐ ☒ Existing elevation drawings clearly showing all elements proposed for demolition/encapsulation.  
☐ ☒ Clear and labeled photographs of all elevations of the building if the entire structure is proposed to be demolished.  
☐ ☒ Description of the reason for demolition/encapsulation.  
☐ ☒ Description of the alternatives to demolition/encapsulation and why such alternatives are not considered feasible.

**Additions & New Construction:** *Drawings must be to scale and should not exceed 11" x 17" unless approved by staff. All plans must be folded and collated into 3 complete 8 1/2" x 11" sets. Additional copies may be requested by staff for large-scale development projects or projects fronting Washington Street. Check N/A if an item in this section does not apply to your project.*

- ☐ <sup>N/A</sup> ☒ Scaled survey plat showing dimensions of lot and location of existing building and other structures on the lot, location of proposed structure or addition, dimensions of existing structure(s), proposed addition or new construction, and all exterior, ground and roof mounted equipment.
- ☐ ☒ FAR & Open Space calculation form.
- ☐ ☒ Clear and labeled photographs of the site, surrounding properties and existing structures, if applicable.
- ☐ ☒ Existing elevations must be scaled and include dimensions.
- ☒ ☐ Proposed elevations must be scaled and include dimensions. Include the relationship to adjacent structures in plan and elevations.
- ☒ ☐ Materials and colors to be used must be specified and delineated on the drawings. Actual samples may be provided or required.
- ☒ ☐ Manufacturer's specifications for materials to include, but not limited to: roofing, siding, windows, doors, lighting, fencing, HVAC equipment and walls.
- ☐ ☒ For development site plan projects, a model showing mass relationships to adjacent properties and structures.

**Signs & Awnings:** *One sign per building under one square foot does not require BAR approval unless illuminated. All other signs including window signs require BAR approval. Check N/A if an item in this section does not apply to your project.*

- ☐ <sup>N/A</sup> ☒ Linear feet of building: Front: \_\_\_\_\_ Secondary front (if corner lot): \_\_\_\_\_.
- ☐ ☒ Square feet of existing signs to remain: \_\_\_\_\_.
- ☐ ☒ Photograph of building showing existing conditions.
- ☐ ☒ Dimensioned drawings of proposed sign identifying materials, color, lettering style and text.
- ☐ ☒ Location of sign (show exact location on building including the height above sidewalk).
- ☐ ☒ Means of attachment (drawing or manufacturer's cut sheet of bracket if applicable).
- ☐ ☒ Description of lighting (if applicable). Include manufacturer's cut sheet for any new lighting fixtures and information detailing how it will be attached to the building's facade.

**Alterations:** *Check N/A if an item in this section does not apply to your project.*

- ☐ <sup>N/A</sup> ☒ Clear and labeled photographs of the site, especially the area being impacted by the alterations, all sides of the building and any pertinent details.
- ☐ ☒ Manufacturer's specifications for materials to include, but not limited to: roofing, siding, windows, doors, lighting, fencing, HVAC equipment and walls.
- ☐ ☒ Drawings accurately representing the changes to the proposed structure, including materials and overall dimensions. Drawings must be to scale.
- ☐ ☒ An official survey plat showing the proposed locations of HVAC units, fences, and sheds.
- ☐ ☒ Historic elevations or photographs should accompany any request to return a structure to an earlier appearance.

**ALL APPLICATIONS:** *Please read and check that you have read and understand the following items:*

- NA ☐ I have submitted a filing fee with this application. (Checks should be made payable to the City of Alexandria. Please contact staff for assistance in determining the appropriate fee.)
- NA ☐ I understand the notice requirements and will return a copy of the three respective notice forms to BAR staff at least five days prior to the hearing. If I am unsure to whom I should send notice I will contact Planning and Zoning staff for assistance in identifying adjacent parcels.
- ☒ I, the applicant, or an authorized representative will be present at the public hearing.
- ☒ I understand that any revisions to this initial application submission (including applications deferred for restudy) must be accompanied by the BAR Supplemental form and 3 sets of revised materials.

The undersigned hereby attests that all of the information herein provided including the site plan, building elevations, prospective drawings of the project, and written descriptive information are true, correct and accurate. The undersigned further understands that, should such information be found incorrect, any action taken by the Board based on such information may be invalidated. The undersigned also hereby grants the City of Alexandria permission to post placard notice as required by Article XI, Division A, Section 11-301(B) of the 1992 Alexandria City Zoning Ordinance, on the property which is the subject of this application. The undersigned also hereby authorizes the City staff and members of the BAR to inspect this site as necessary in the course of research and evaluating the application. The applicant, if other than the property owner, also attests that he/she has obtained permission from the property owner to make this application.

**APPLICANT OR AUTHORIZED AGENT:**

Signature: 

Printed Name: Murphy Ng

Date: August 2, 2022

## OWNERSHIP AND DISCLOSURE STATEMENT

Use additional sheets if necessary

(Not Applicable)

1. Applicant. State the name, address and percent of ownership of any person or entity owning an interest in the applicant, unless the entity is a corporation or partnership, in which case identify each owner of more than three percent. The term ownership interest shall include any legal or equitable interest held at the time of the application in the real property which is the subject of the application.

Name	Address	Percent of Ownership
1.		
2.		
3.		

2. Property. State the name, address and percent of ownership of any person or entity owning an interest in the property located at \_\_\_\_\_ (address), unless the entity is a corporation or partnership, in which case identify each owner of more than three percent. The term ownership interest shall include any legal or equitable interest held at the time of the application in the real property which is the subject of the application.

Name	Address	Percent of Ownership
1.		
2.		
3.		

3. Business or Financial Relationships. Each person or entity listed above (1 and 2), with an ownership interest in the applicant or in the subject property is required to disclose **any** business or financial relationship, as defined by Section 11-350 of the Zoning Ordinance, existing at the time of this application, or within the 12-month period prior to the submission of this application with any member of the Alexandria City Council, Planning Commission, Board of Zoning Appeals or either Boards of Architectural Review.

Name of person or entity	Relationship as defined by Section 11-350 of the Zoning Ordinance	Member of the Approving Body (i.e. City Council, Planning Commission, etc.)
1.		
2.		
3.		

**NOTE: Business or financial relationships of the type described in Sec. 11-350 that arise after the filing of this application and before each public hearing must be disclosed prior to the public hearings.**

As the applicant or the applicant's authorized agent, I hereby attest to the best of my ability that the information provided above is true and correct.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Signature



*Photo source: Brasco.com*

**Photo of modified bus shelter (Example-1)**

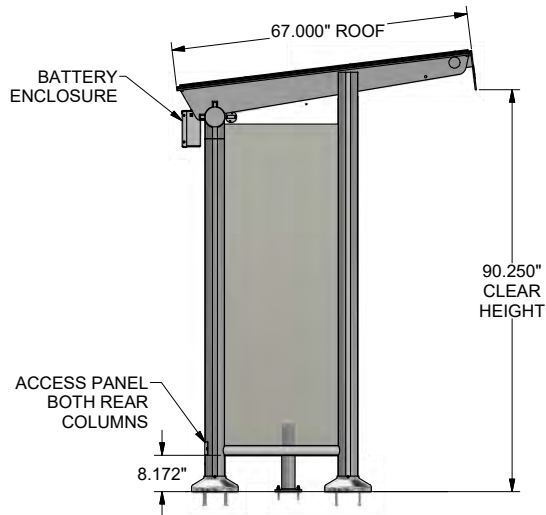




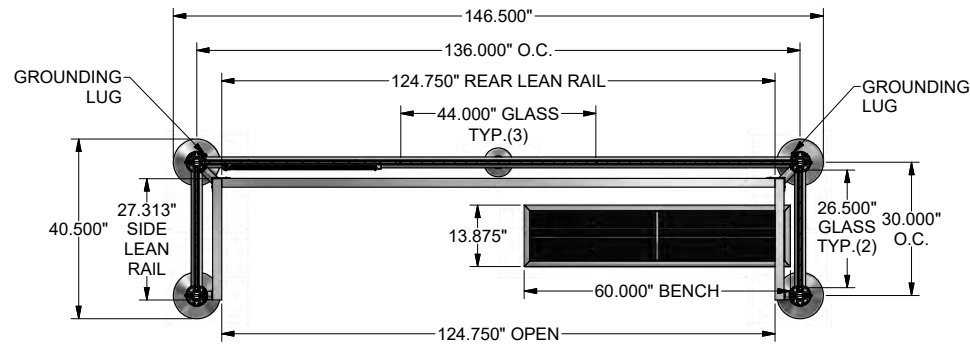
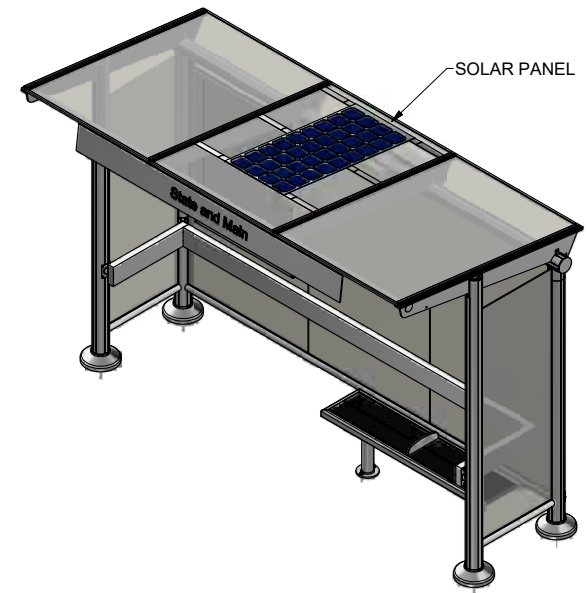
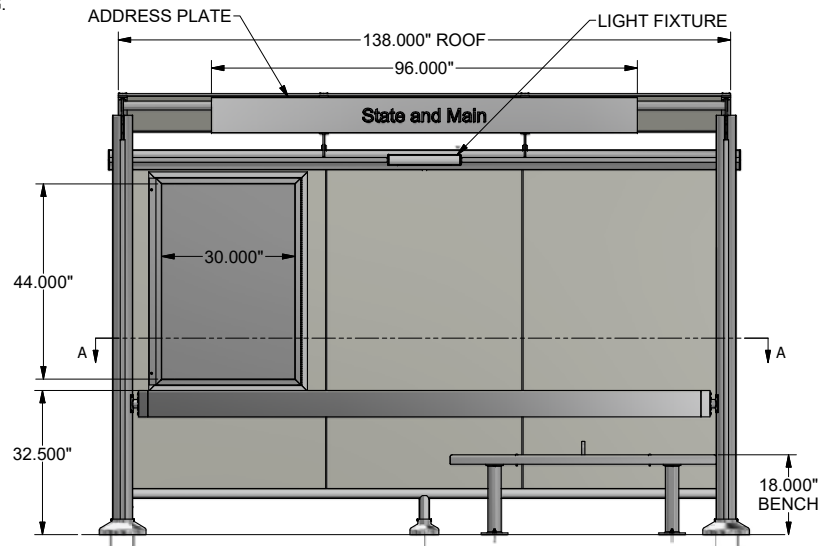
*Photo source: Brasco.com*

**Photo of modified bus shelter (Example-2)**

- HEADER AND REAR COLUMNS TO BE PREPPED WITH PULL STRING.



**SIDE ELEVATION**



**SECTION A-A**

**QUANTITY (XX) SHELTERS THUS**

**SPECIFICATIONS:**

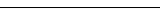
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- 3/8" CLEAR LAMINATED SAFETY GLASS
- 5' ECLIPSE BENCH WITH BLACK HDPE SLATS AND (1) SEAT DIVIDERS
- 30" x 44" VIEWABLE DISPLAY CASE (REAR WALL)
- 2" x 6" ALUMINUM LEAN RAIL (INTERIOR)
- SPUN ALUMINUM ANCHOR PLATE COVERS
- 96" ALUMINUM ADDRESS PLATE WITH VINYL GRAPHIC (T.B.D.)

- 3/8" GREY POLYCARBONATE SLOPED ROOF
- SOLAR POWERED LIGHTING PACKAGE WITH L.E.D. LIGHT FIXTURE AND BATTERY ENCLOSURE

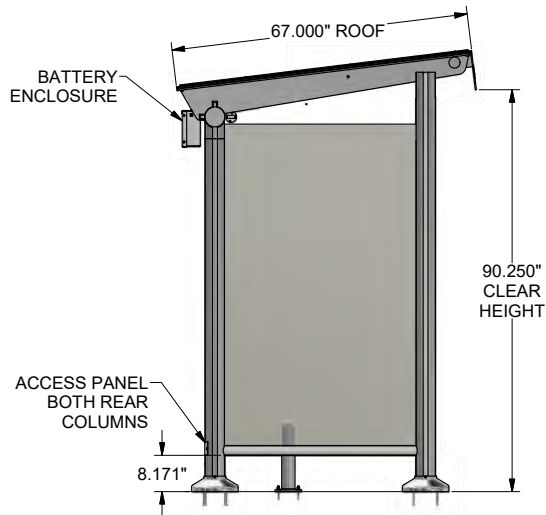
THIS DRAWING IS CONFIDENTIAL AND IS FOR THE SOLE USE OF OUR CUSTOMERS AND MAY NOT BE REPRODUCED OR COPIED WITHOUT WRITTEN PERMISSION FROM BRASCO INTERNATIONAL. LEAD TIME BEGINS UPON RECEIPT OF SIGNED APPROVAL.

SIGNED: \_\_\_\_\_

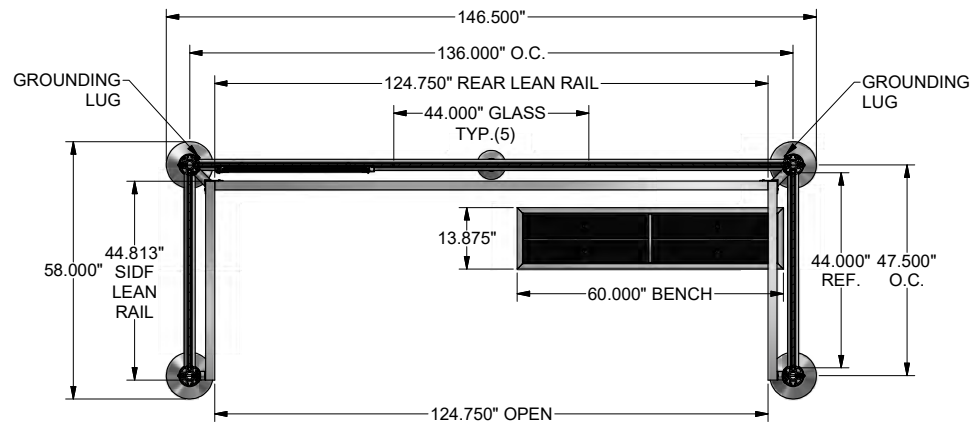
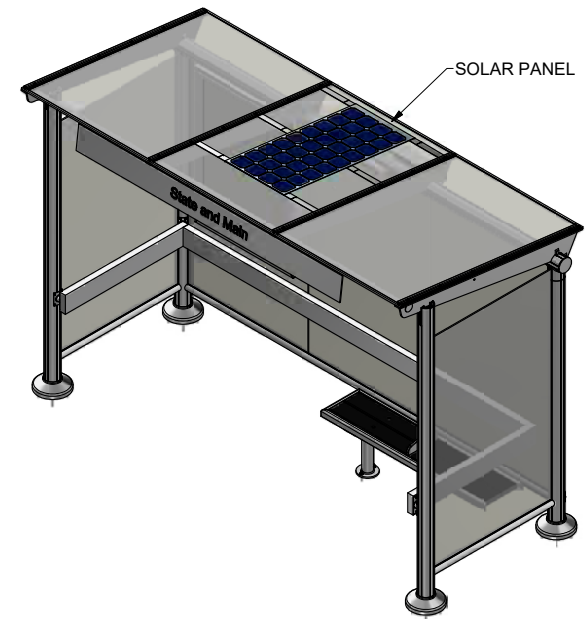
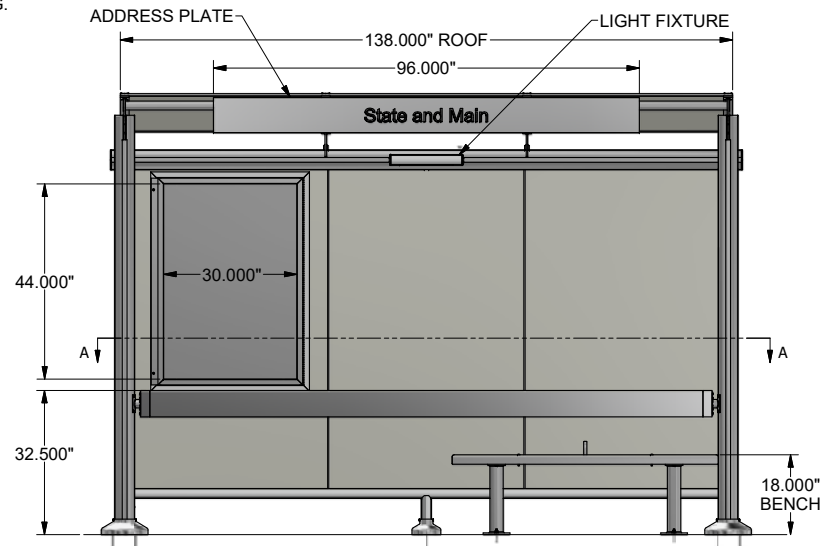
DATE: \_\_\_\_\_

	BRASCO INTERNATIONAL, INC.		CUSTOMER:		DESIGNER:		CHECKER:	
	32400 INDUSTRIAL DR.		CITY OF ALEXANDRIA		HAUS		BDH	
	MADISON HEIGHTS, MICHIGAN 48071		PROJECT:		DATE:		DATE:	
	1-800-893-3665 WWW.BRASCO.COM		ECLIPSE STYLE SHELTER		4-21-22		4-21-22	
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							A	

- HEADER AND REAR COLUMNS TO BE PREPPED WITH PULL STRING.



**SIDE ELEVATION**



**QUANTITY (XX) SHELTERS THUS**


**SPECIFICATIONS:**

- RAL9017 TRAFFIC BLACK POWDER COATED ALUMINUM STRUCTURE
- 3/8" CLEAR LAMINATED SAFETY GLASS
- 5' ECLIPSE BENCH WITH BLACK HDPE SLATS AND (1) SEAT DIVIDERS
- 30" x 44" VIEWABLE DISPLAY CASE (REAR WALL)
- 2" x 6" ALUMINUM LEAN RAIL (INTERIOR)
- SPUN ALUMINUM ANCHOR PLATE COVERS
- 96" ALUMINUM ADDRESS PLATE WITH VINYL GRAPHIC (T.B.D.)

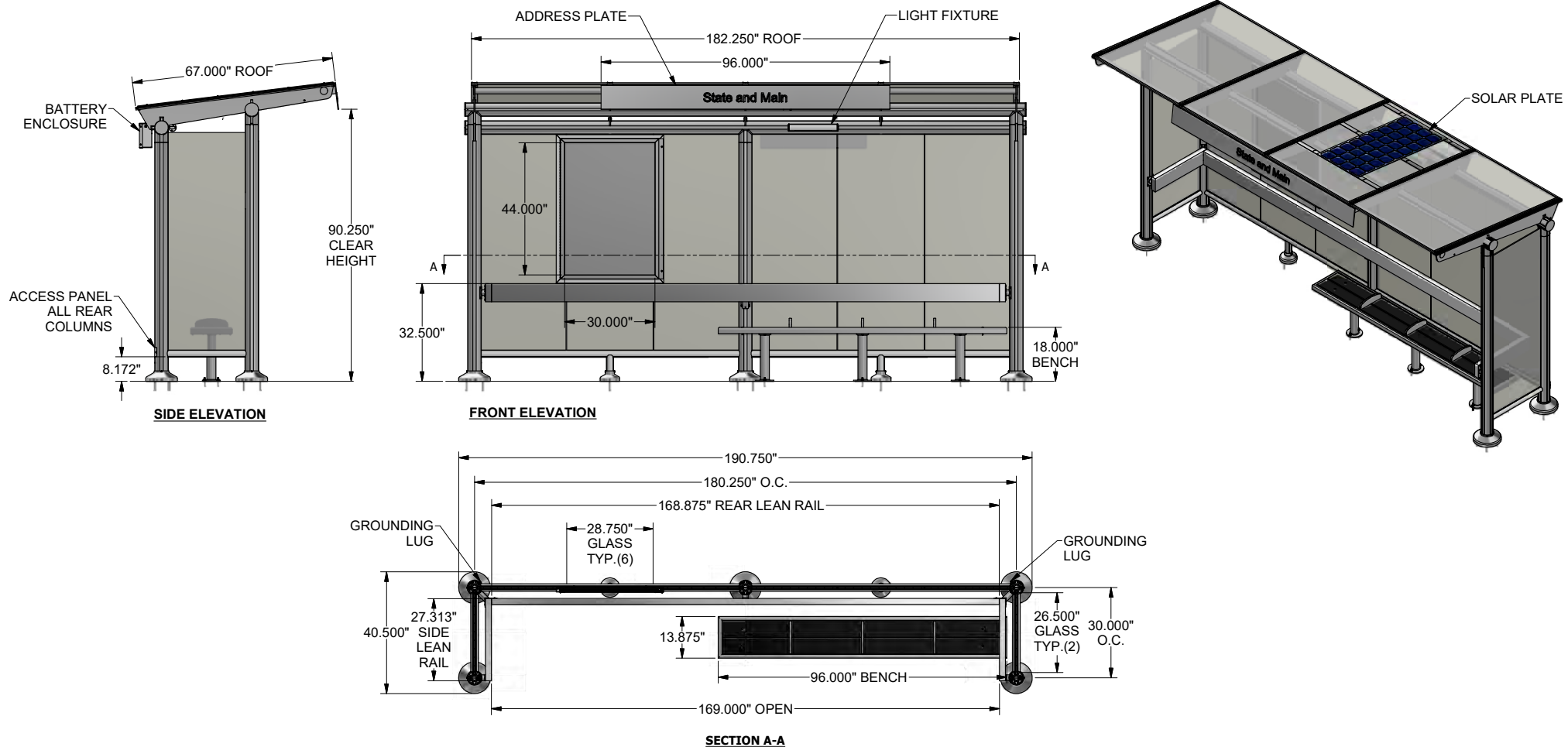
- 3/8" GREY POLYCARBONATE SLOPED ROOF
- SOLAR POWERED LIGHTING PACKAGE WITH L.E.D. LIGHT FIXTURE AND BATTERY ENCLOSURE

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SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

	BRASCO INTERNATIONAL, INC.		CUSTOMER:		DESIGNER:		CHECKER:	
	32400 INDUSTRIAL DR.		CITY OF ALEXANDRIA		HAUS		BDH	
	MADISON HEIGHTS, MICHIGAN 48071		PROJECT:		DATE:		DATE:	
	1-800-893-3665 WWW.BRASCO.COM		ECLIPSE STYLE SHELTER		4-21-22		4-21-22	
THIS DRAWING IS CONFIDENTIAL AND IS FOR THE SOLE USE OF OUR CUSTOMERS AND MAY NOT BE REPRODUCED OR COPIED WITHOUT WRITTEN PERMISSION FROM BRASCO INTERNATIONAL			MODEL:		JOB #		SHEET:	
			EC-0512-F-0-FL-PC-LG-0-0-0		6899		S-002	
							REVISION:	
							A	

- HEADER AND REAR COLUMNS TO BE PREPPED WITH PULL STRING.




#### QUANTITY (XX) SHELTERS THUS

#### SPECIFICATIONS:

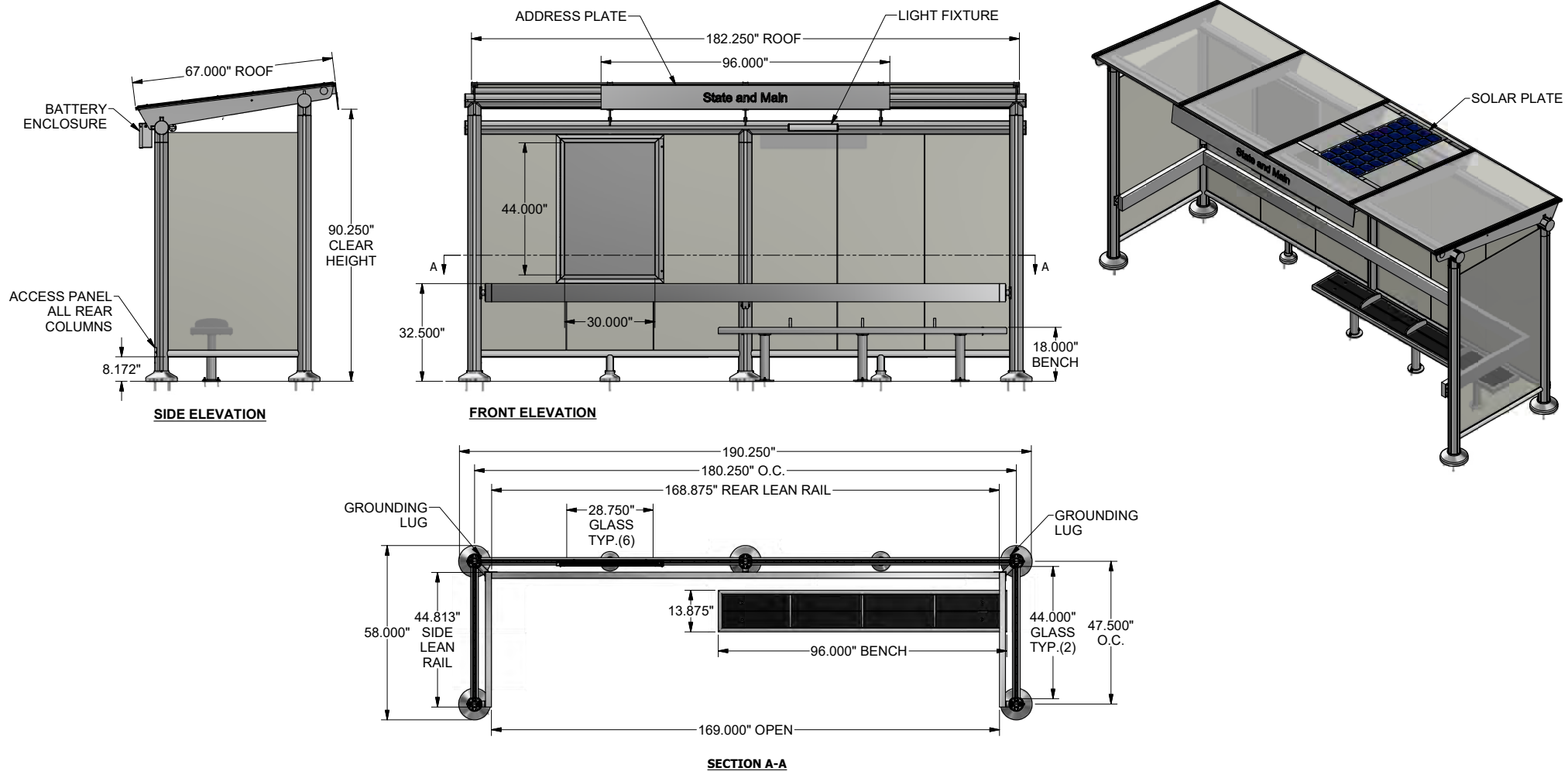
- RAL9017 TRAFFIC BLACK POWDER COATED ALUMINUM STRUCTURE
- 3/8" CLEAR LAMINATED SAFETY GLASS
- 8' ECLIPSE BENCH WITH BLACK HDPE SLATS AND (3) SEAT DIVIDERS
- 30" x 44" VIEWABLE DISPLAY CASE (REAR WALL)
- 2" x 6" ALUMINUM LEAN RAIL (INTERIOR)
- SPUN ALUMINUM ANCHOR PLATE COVERS
- 96" ALUMINUM ADDRESS PLATE WITH VINYL GRAPHIC (T.B.D.)
- 3/8" GREY POLYCARBONATE SLOPED ROOF
- SOLAR POWERED LIGHTING PACKAGE WITH L.E.D. LIGHT FIXTURE AND BATTERY ENCLOSURE

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SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

	BRASCO INTERNATIONAL, INC.		CUSTOMER:	CITY OF ALEXANDRIA		DESIGNER:	HAUS	CHECKER:	BDH
	32400 INDUSTRIAL DR.		PROJECT:	ECLIPSE STYLE SHELTER		DATE:	4-21-22	DATE:	4-21-22
	MADISON HEIGHTS, MICHIGAN 48071		MODEL:	EC-0516-C-0-FL-PC-LG-0-0-0		SHEET:	S-003	REVISION:	A
	1-800-893-3665 WWW.BRASCO.COM		JOB #	6899					

- HEADER AND REAR COLUMNS TO BE PREPPED WITH PULL STRING.



QUANTITY (XX) SHELTERS THUS


**SPECIFICATIONS:**

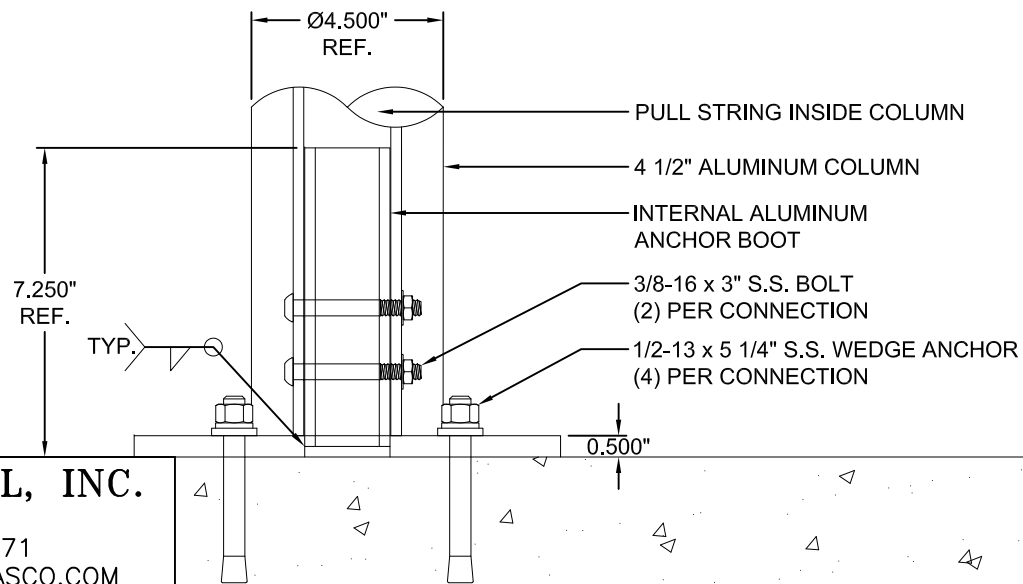
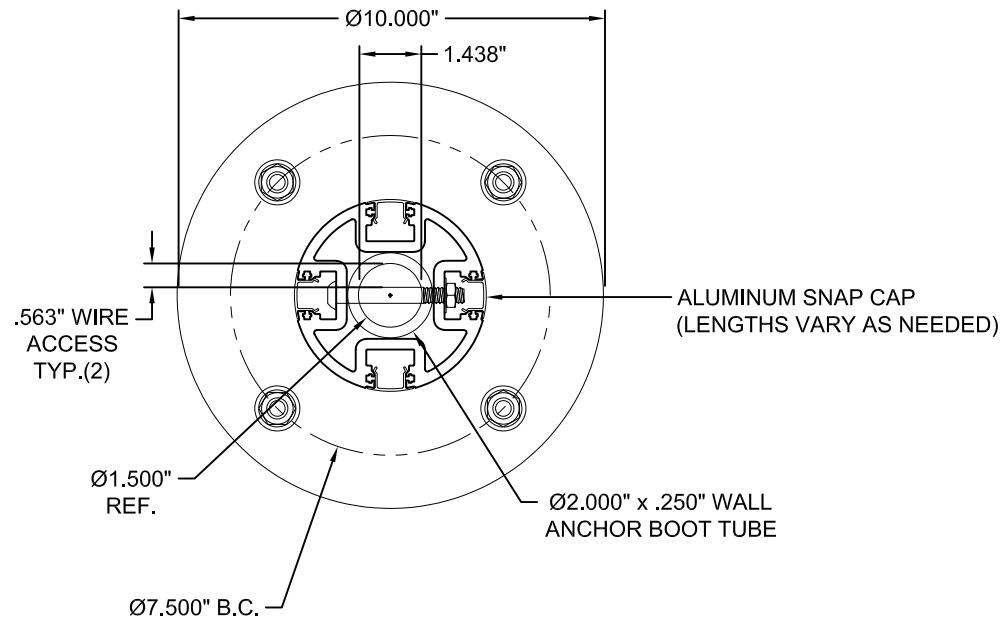
- RAL9017 TRAFFIC BLACK POWDER COATED ALUMINUM STRUCTURE
- 3/8" CLEAR LAMINATED SAFETY GLASS
- 8' ECLIPSE BENCH WITH BLACK HDPE SLATS AND (3) SEAT DIVIDERS
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SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

	BRASCO INTERNATIONAL, INC. 32400 INDUSTRIAL DR. MADISON HEIGHTS, MICHIGAN 48071 1-800-893-3665 WWW.BRASCO.COM		CUSTOMER: CITY OF ALEXANDRIA		DESIGNER: HAUS	CHECKER: BDH
	THIS DRAWING IS CONFIDENTIAL AND IS FOR THE SOLE USE OF OUR CUSTOMERS AND MAY NOT BE REPRODUCED OR COPIED WITHOUT WRITTEN PERMISSION FROM BRASCO INTERNATIONAL.		PROJECT: ECLIPSE STYLE SHELTER		DATE: 4-21-22	DATE: 4-21-22
			MODEL: EC-0516-F-0-SL-PC-LG-0-0-0	JOB # 6899	SHEET: S-004	REVISION: A



## BRASCO INTERNATIONAL, INC.

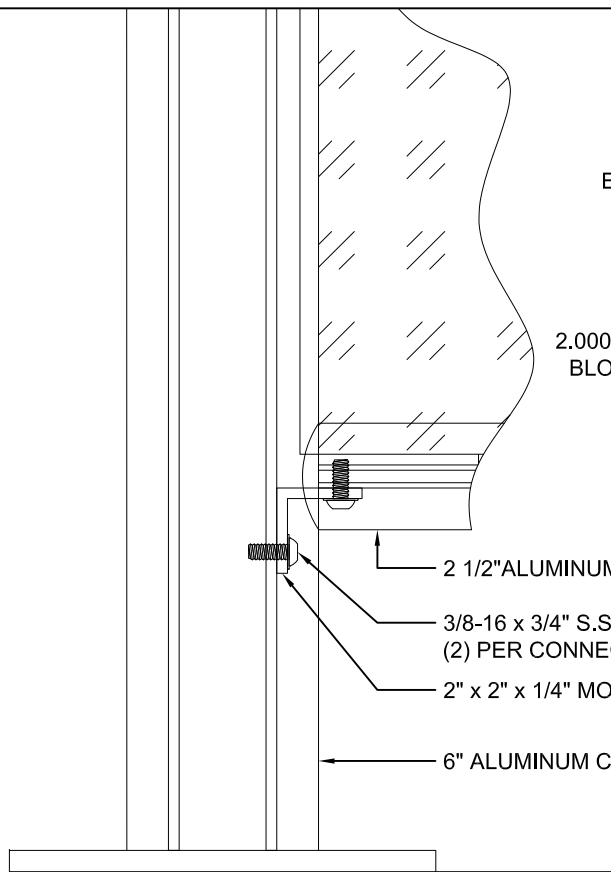
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MADISON HEIGHTS, MI 48071  
1-800-893-3665 WWW.BRASCO.COM

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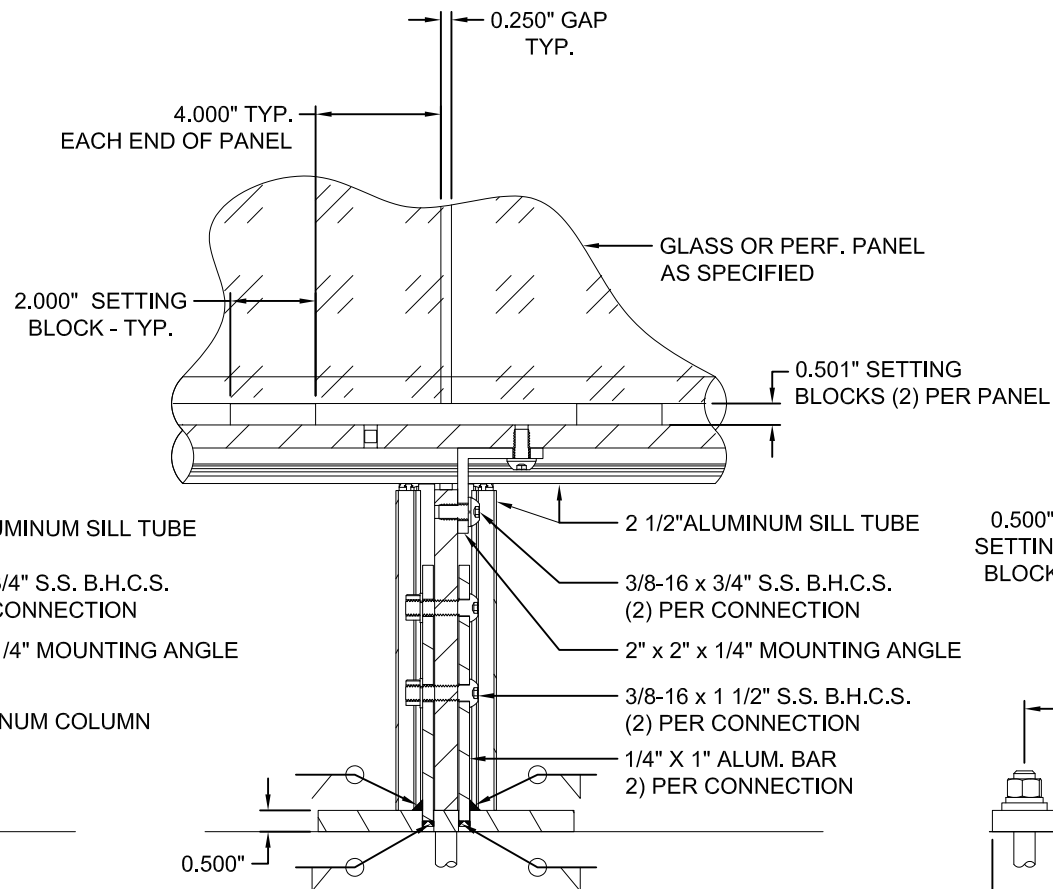
SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

CUSTOMER:		ENGINEER:	HAUS
DETAIL:	SHELTER ANCHORING	DATE:	4-21-22
MODEL:	ECLIPSE SERIES	JOB #	6899
		SHEET #:	002

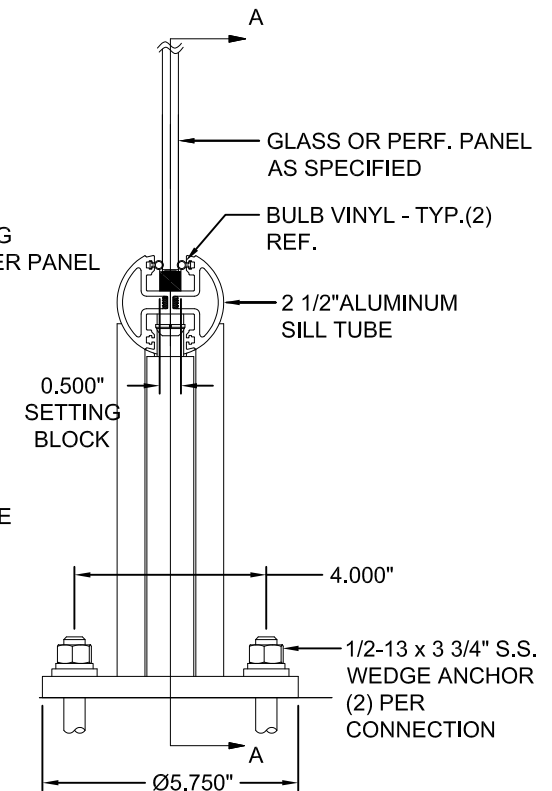




**VIEW AT COLUMN CONNECTION**



**FRONT VIEW AT SILL SUPPORT**



**SIDE VIEW AT SILL SUPPORT**

## BRASCO INTERNATIONAL, INC.

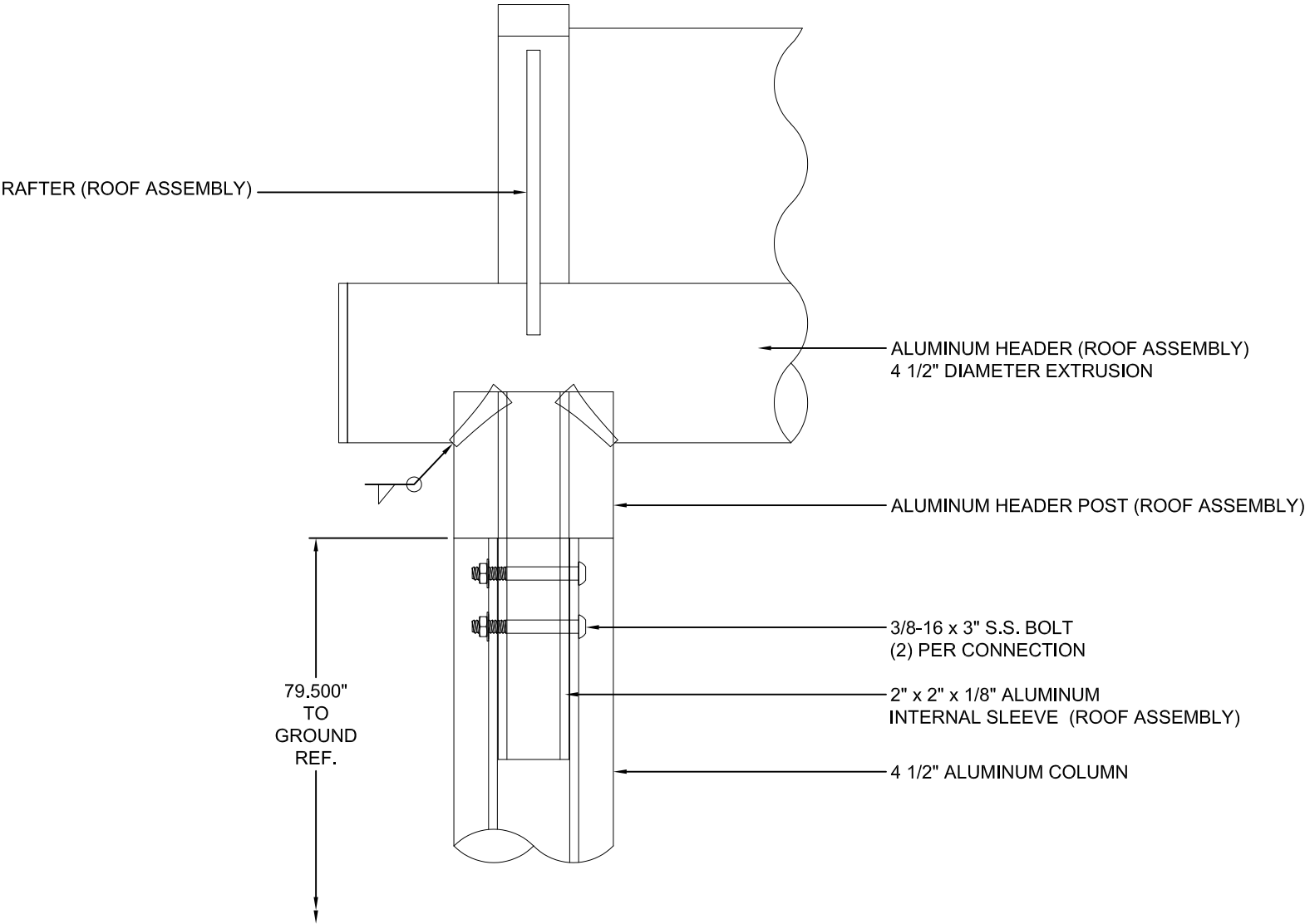
32400 INDUSTRIAL DRIVE  
MADISON HEIGHTS, MI 48071  
1-800-893-3665 WWW.BRASCO.COM

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SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

CUSTOMER:		ENGINEER:	HAUS
DETAIL:	SILL ATTACHMENT AND CONNECTIONS	DATE:	4-21-22
MODEL:	ECLIPSE SERIES	JOB #	6899
		SHEET #:	003

NOTE: ROOF ARRIVES FULLY ASSEMBLED

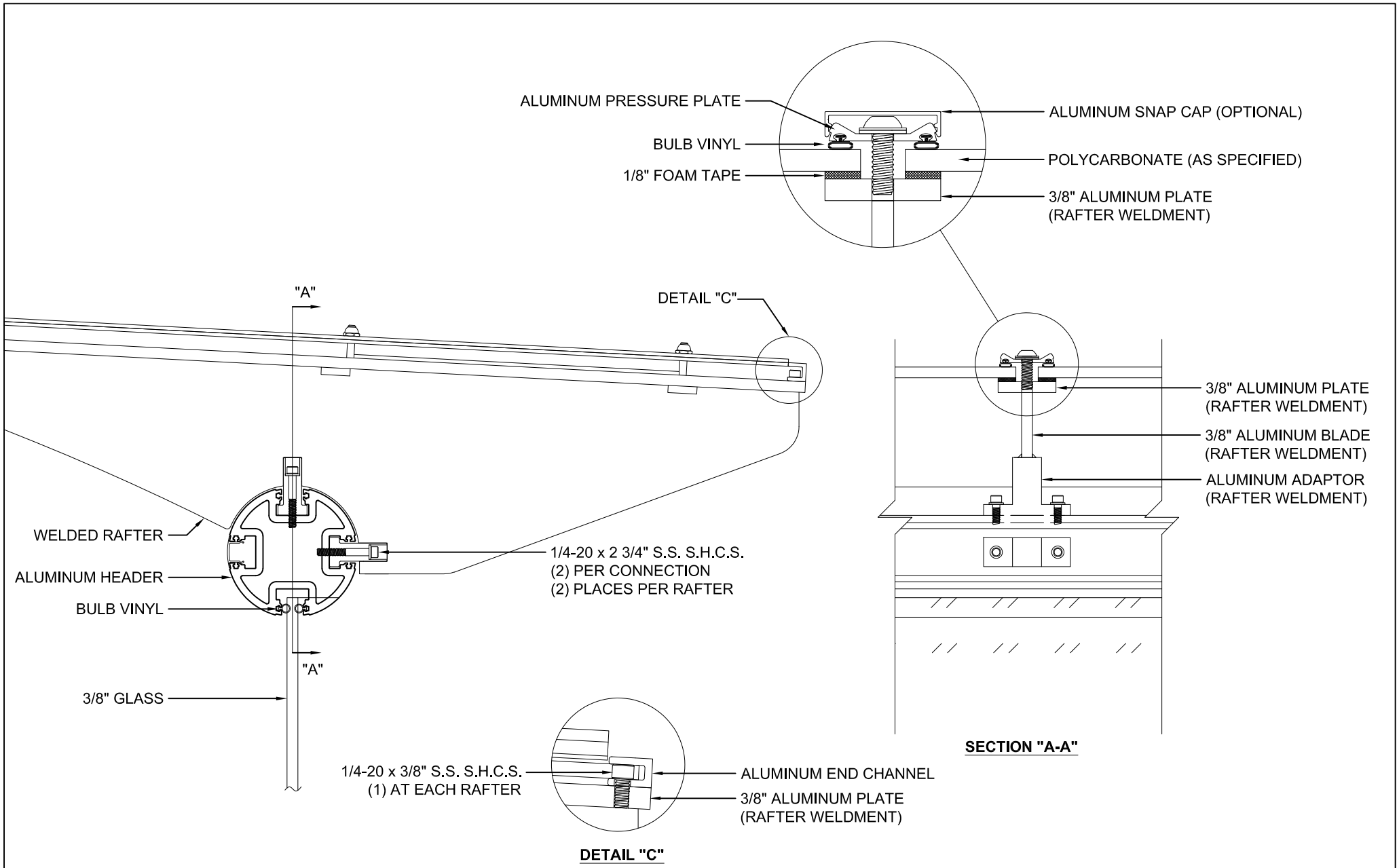


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MADISON HEIGHTS, MI 48071  
1-800-893-3665 WWW.BRASCO.COM

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SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

CUSTOMER:					ENGINEER:	HAUS
DETAIL:	HEADER ATTACHMENT TO COLUMN				DATE:	4-21-22
MODEL:	ECLIPSE SERIES	JOB #	6899	SHEET #:	004	

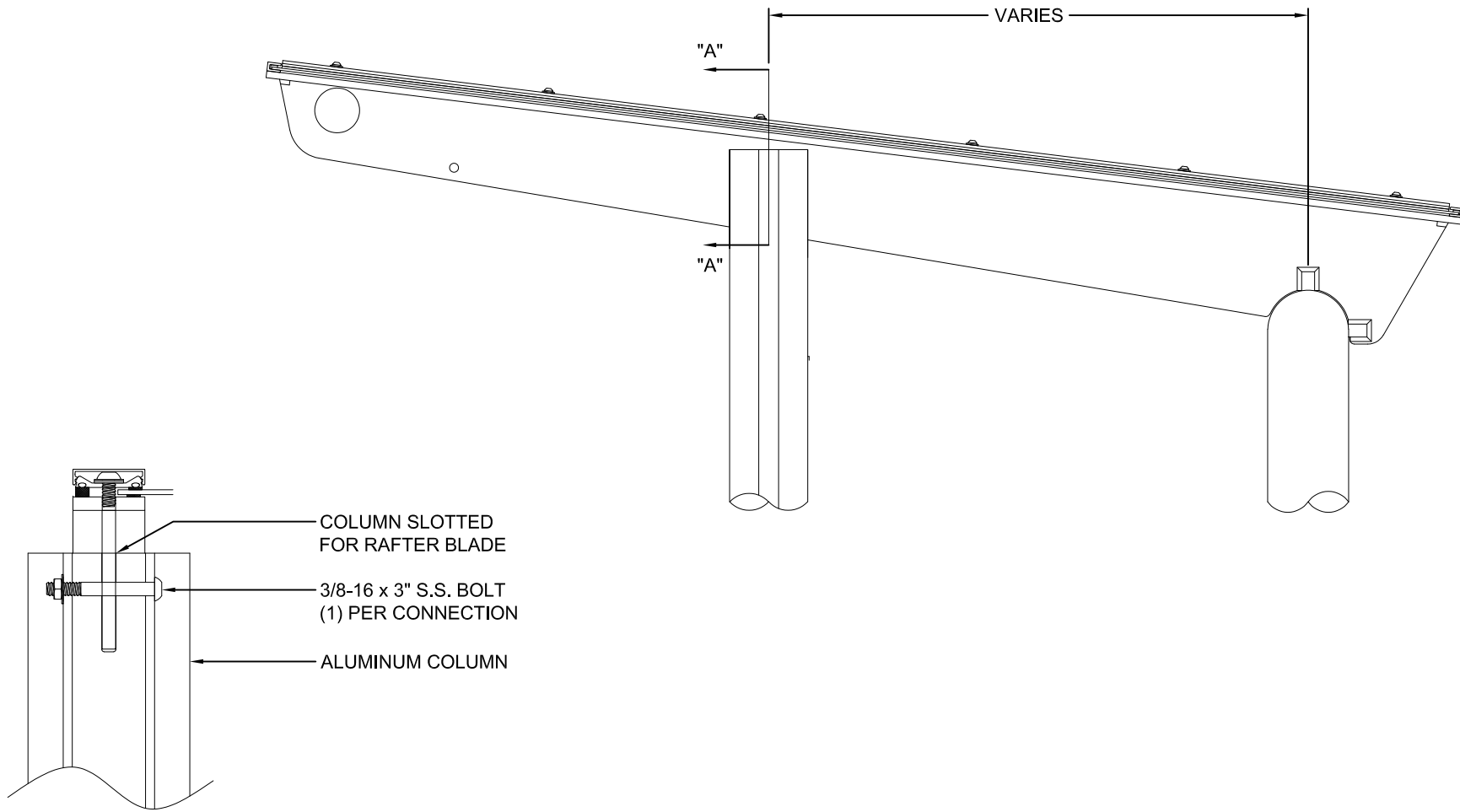


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 MADISON HEIGHTS, MI 48071  
 1-800-893-3665 WWW.BRASCO.COM

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SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

CUSTOMER:					ENGINEER:	HAUS
DETAIL:	RAFTER AND ROOF ATTACHMENTS				DATE:	4-21-22
MODEL:	ECLIPSE SERIES	JOB #	6899	SHEET #:	005	



**SECTION "A-A"**

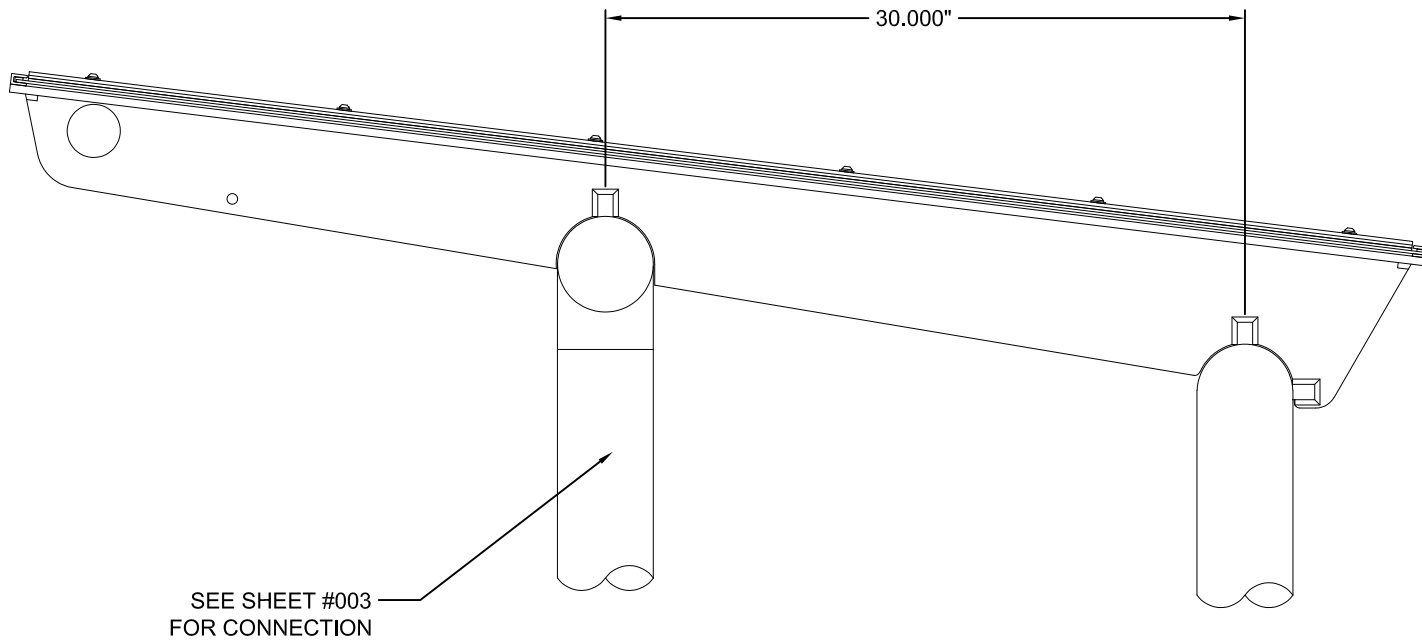
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MADISON HEIGHTS, MI 48071  
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SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

CUSTOMER:					ENGINEER:	HAUS
DETAIL:	FRONT COLUMN TO ROOF ATTACHMENT				DATE:	4-21-22
MODEL:	ECLIPSE SERIES	JOB #	6899	SHEET #:	006	



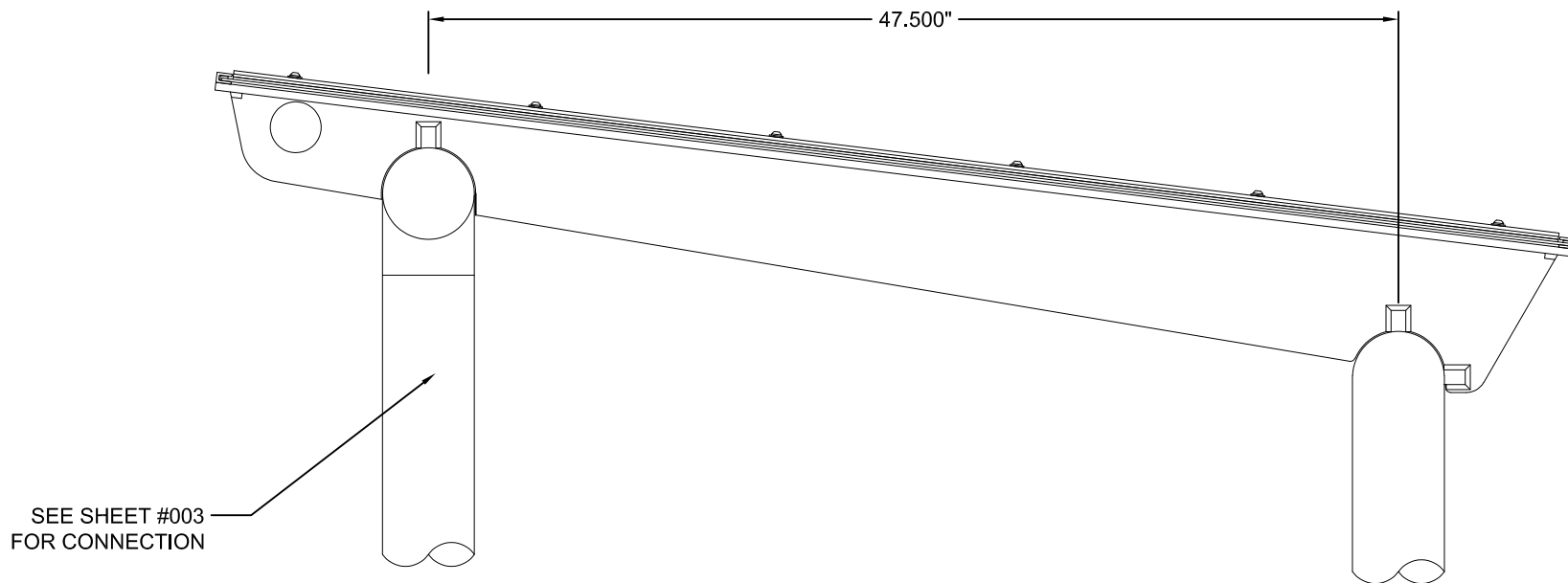
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SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

CUSTOMER:					ENGINEER:	HAUS
DETAIL:	FRONT COLUMN TO ROOF ATTACHMENT				DATE:	4-21-22
MODEL:	ECLIPSE SERIES	JOB #	6899	SHEET #:	007	



## BRASCO INTERNATIONAL, INC.

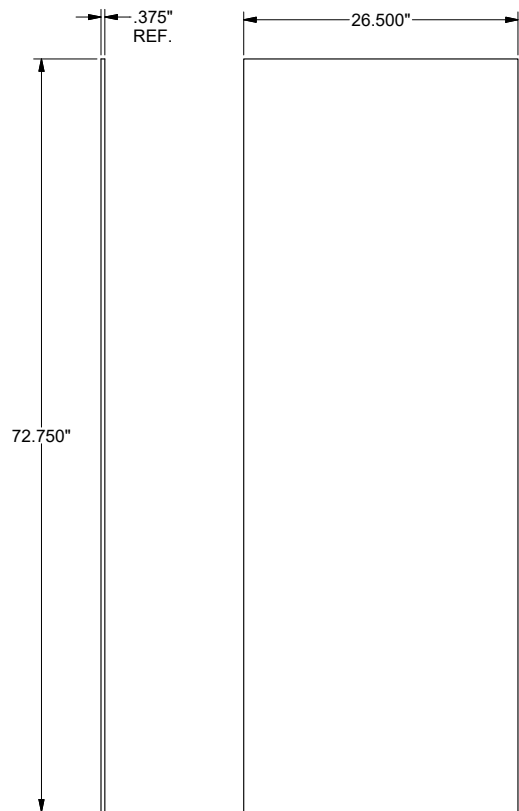
32400 INDUSTRIAL DRIVE  
MADISON HEIGHTS, MI 48071  
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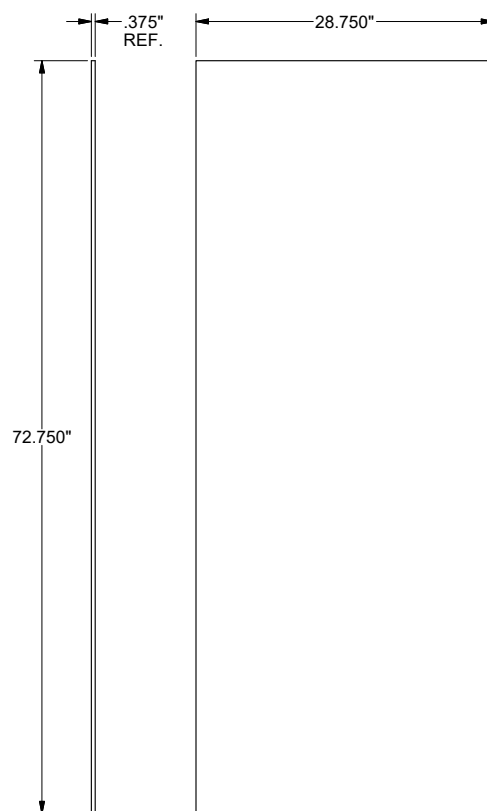
SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

CUSTOMER:					ENGINEER:	HAUS
DETAIL:	FRONT COLUMN TO ROOF ATTACHMENT				DATE:	4-21-22
MODEL:	ECLIPSE SERIES	JOB #	6899	SHEET #:	008	

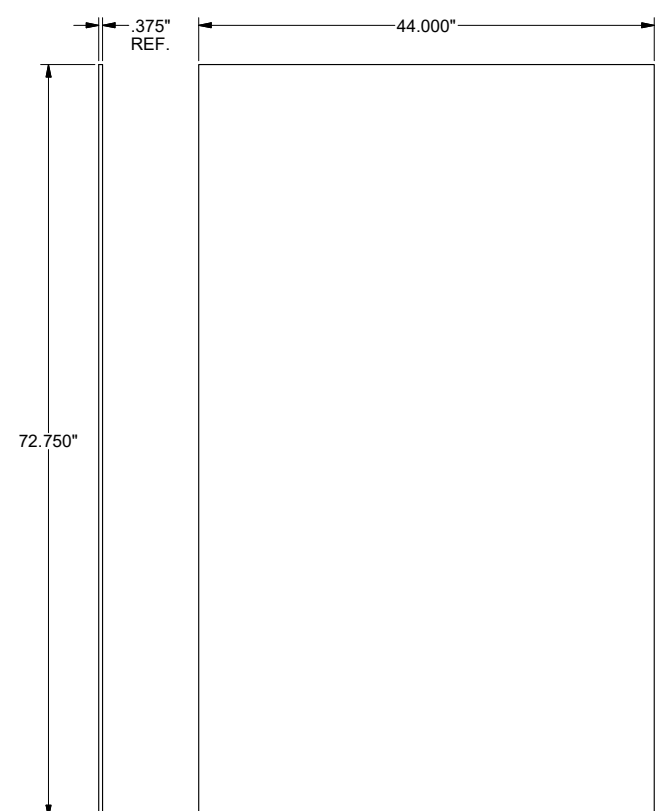




**3/8" LAMINATED GLASS  
FOR SIDE WALLS  
ON CANTILEVERED SHELTER**




**3/8" LAMINATED GLASS  
FOR REAR WALLS ON  
THE 16" SHELTER**

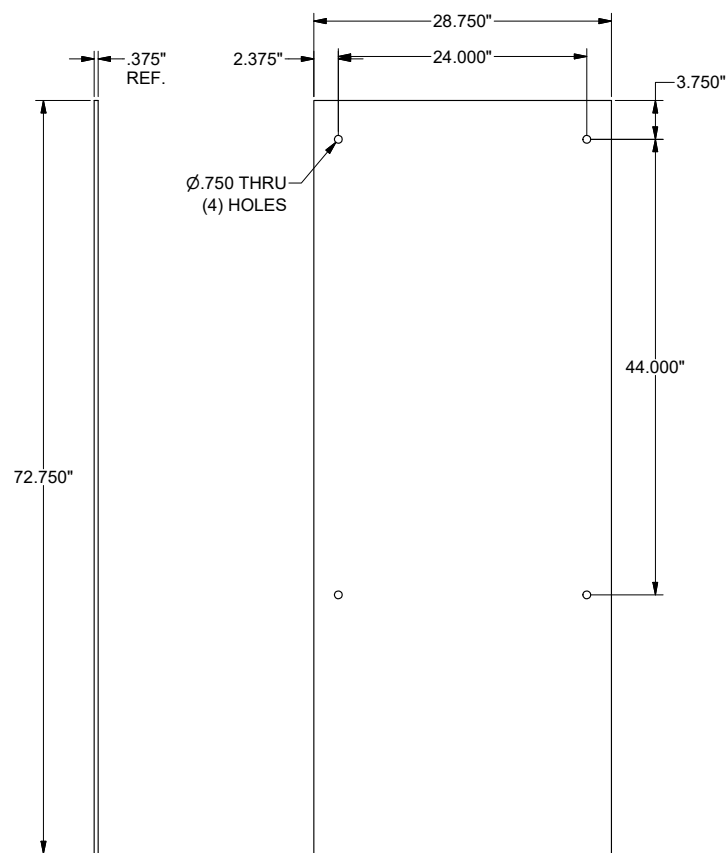


**3/8" LAMINATED GLASS  
FOR REAR WALLS ON  
THE 12" SHELTER & SIDE  
WALLS ON FULL SHELTER**

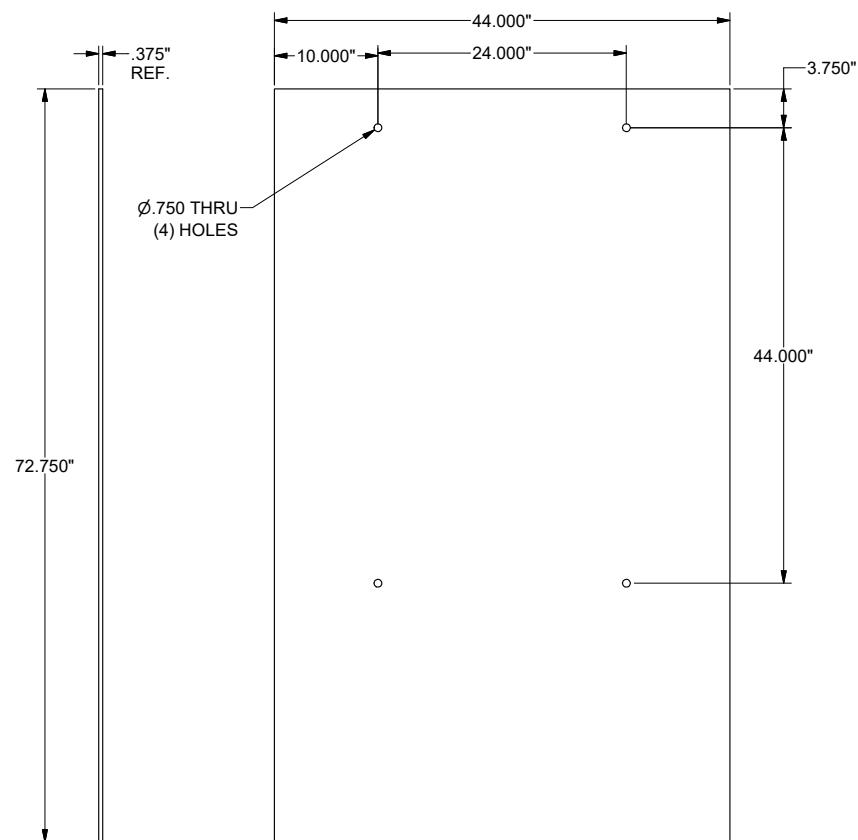
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LEAD TIME BEGINS UPON RECEIPT OF SIGNED APPROVAL.**

**SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_**

	<b>BRASCO INTERNATIONAL, INC.</b> 32400 INDUSTRIAL DR. MADISON HEIGHTS, MICHIGAN 48071 1-800-893-3665 WWW.BRASCO.COM			<b>CUSTOMER:</b> CITY OF ALEXANDRIA	<b>DESIGNER:</b> HAUS	<b>CHECKER:</b> BDH
	<small>THIS DRAWING IS CONFIDENTIAL AND IS FOR THE SOLE USE OF OUR CUSTOMERS AND MAY NOT BE REPRODUCED OR COPIED WITHOUT WRITTEN PERMISSION FROM BRASCO INTERNATIONAL.</small>			<b>PROJECT:</b> ECLIPSE STYLE SHELTER	<b>DATE:</b> 4-21-22	<b>DATE:</b> 4-21-22
				<b>MODEL:</b> EC201	<b>JOB #</b> 6899	<b>SHEET:</b> 009
						<b>REVISION:</b> A



3/8" LAMINATED GLASS  
FOR MAP CASE  
THE 16" SHELTER



3/8" LAMINATED GLASS  
FOR MAP CASE  
THE 12" SHELTER

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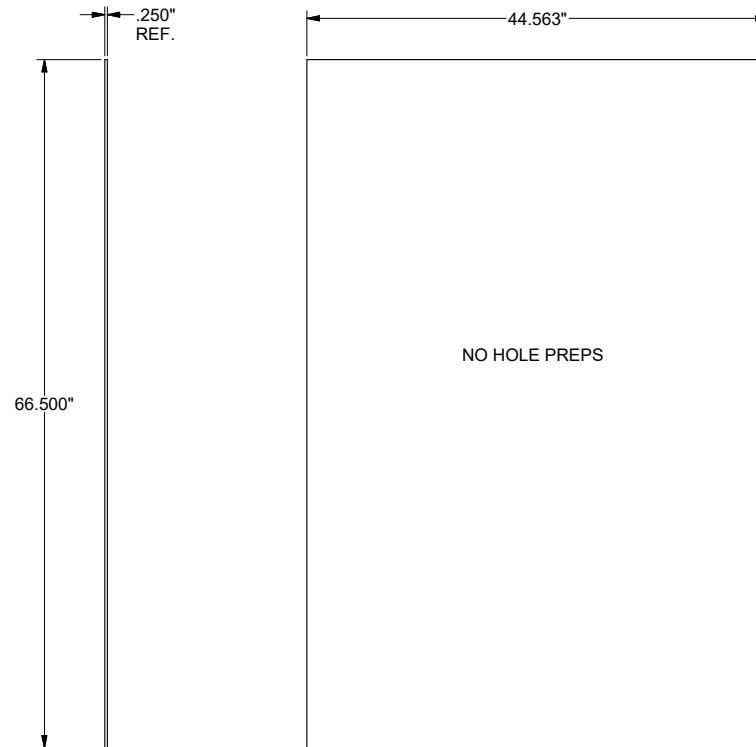
SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_



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MADISON HEIGHTS, MICHIGAN 48071  
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CUSTOMER: CITY OF ALEXANDRIA		DESIGNER: HAUS	CHECKER: BDH
PROJECT: ECLIPSE STYLE SHELTER		DATE: 4-21-22	DATE: 4-21-22
MODEL:	JOB # 6899	SHEET: 010	REVISION: A

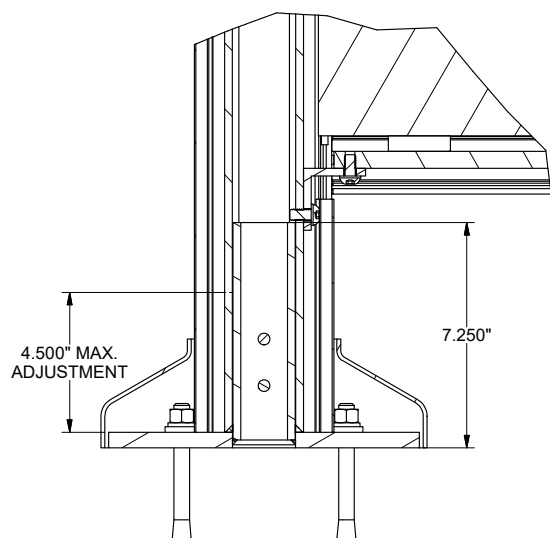


**TYPICAL ROOF PANEL**

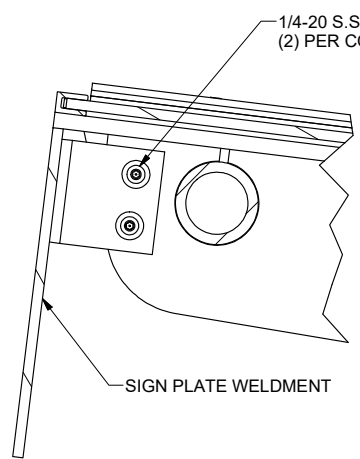
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LEAD TIME BEGINS UPON RECEIPT OF SIGNED APPROVAL.

SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

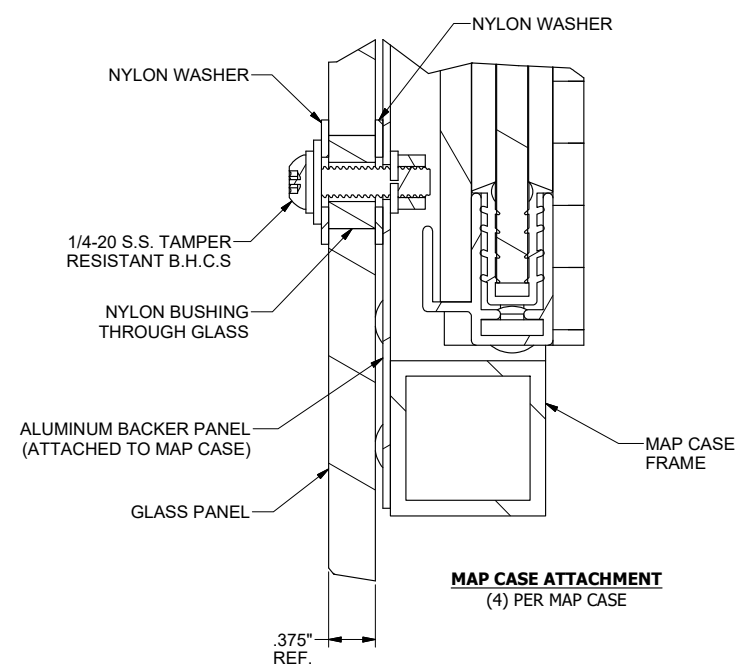
	BRASCO INTERNATIONAL, INC. 32400 INDUSTRIAL DR. MADISON HEIGHTS, MICHIGAN 48071 1-800-893-3665 WWW.BRASCO.COM		CUSTOMER:	CITY OF ALEXANDRIA		DESIGNER:	HAUS	CHECKER:	BDH
	THIS DRAWING IS CONFIDENTIAL AND IS FOR THE SOLE USE OF OUR CUSTOMERS AND MAY NOT BE REPRODUCED OR COPIED WITHOUT WRITTEN PERMISSION FROM BRASCO INTERNATIONAL.		PROJECT:	ECLIPSE STYLE SHELTER		DATE:	4-21-22	DATE:	4-21-22
			MODEL:		JOB # 6899	SHEET:	011	REVISION:	A



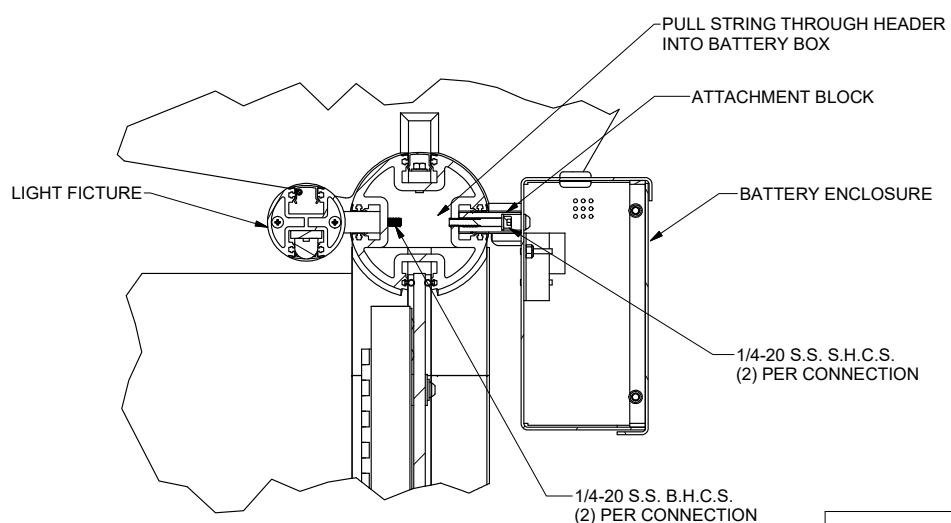
**ANCHOR POST DETAIL**



**SIGN ATTACHMENT**  
TYPICAL (2) PER ROOF



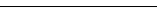
**MAP CASE ATTACHMENT**  
(4) PER MAP CASE

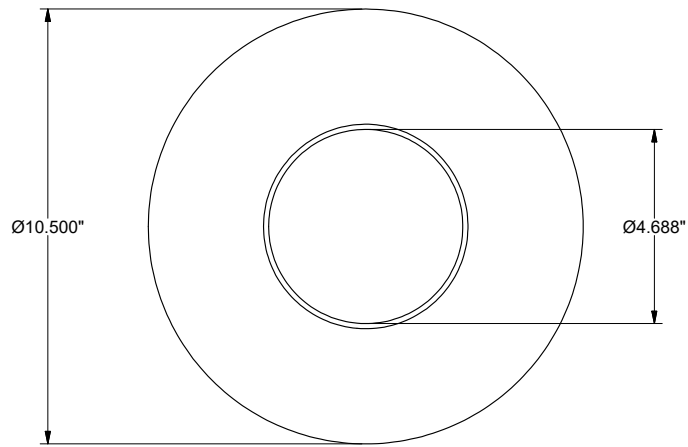


**LIGHT AND BATTERY BOX ATTACHMENT**

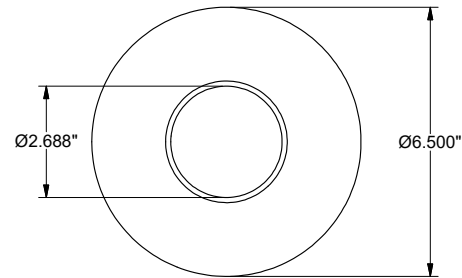
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SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

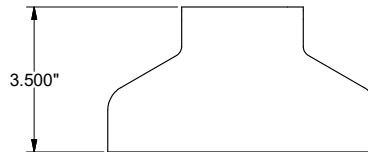
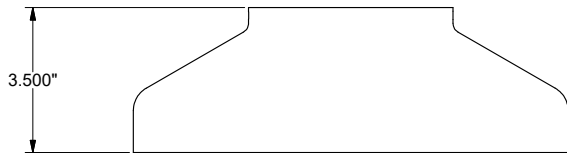
	BRASCO INTERNATIONAL, INC. 32400 INDUSTRIAL DR. MADISON HEIGHTS, MICHIGAN 48071 1-800-893-3665 WWW.BRASCO.COM		CUSTOMER: CITY OF ALEXANDRIA		DESIGNER: HAUS	CHECKER: BDH
	THIS DRAWING IS CONFIDENTIAL AND IS FOR THE SOLE USE OF OUR CUSTOMERS AND MAY NOT BE REPRODUCED OR COPIED WITHOUT WRITTEN PERMISSION FROM BRASCO INTERNATIONAL.		PROJECT: ECLIPSE STYLE SHELTER		DATE: 4-21-22	DATE: 4-21-22
			MODEL: EC-0512-F-0-FL-PC-LG-0-0-0		JOB # 6899	SHEET: 012
					REVISION: A	



**COLUMN ANCHOR POST COVER**



**SILL SUPPORT ANCHOR POST COVER**



#10 S.S. TEK SCREW  
(2) PER CONNECTION



**TYPICAL COVER CONNECTION**

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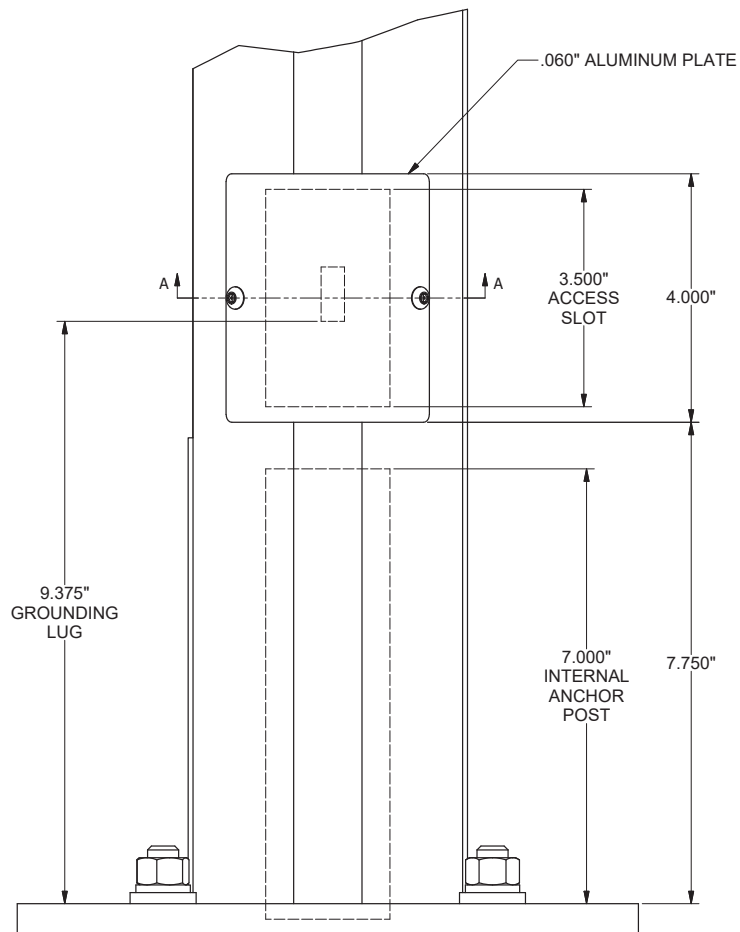
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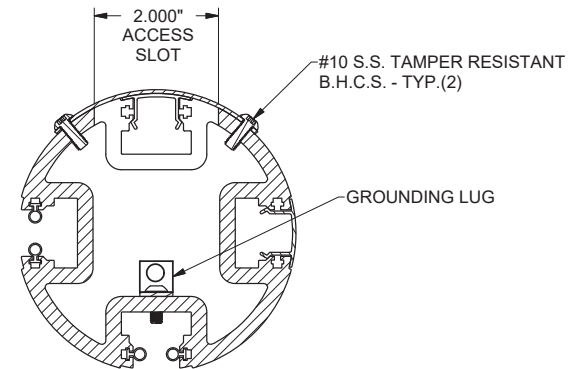
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32400 INDUSTRIAL DR.  
MADISON HEIGHTS, MICHIGAN 48071  
1-800-893-3665 WWW.BRASCO.COM

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CUSTOMER: CITY OF ALEXANDRIA		DESIGNER: HAUS	CHECKER: BDH
PROJECT: ECLIPSE STYLE SHELTER		DATE: 4-21-22	DATE: 4-21-22
MODEL:	JOB # 6899	SHEET: 013	REVISION: A




**TYPICAL GROUNDING LUG  
& WIRE ACCESS DETAIL**



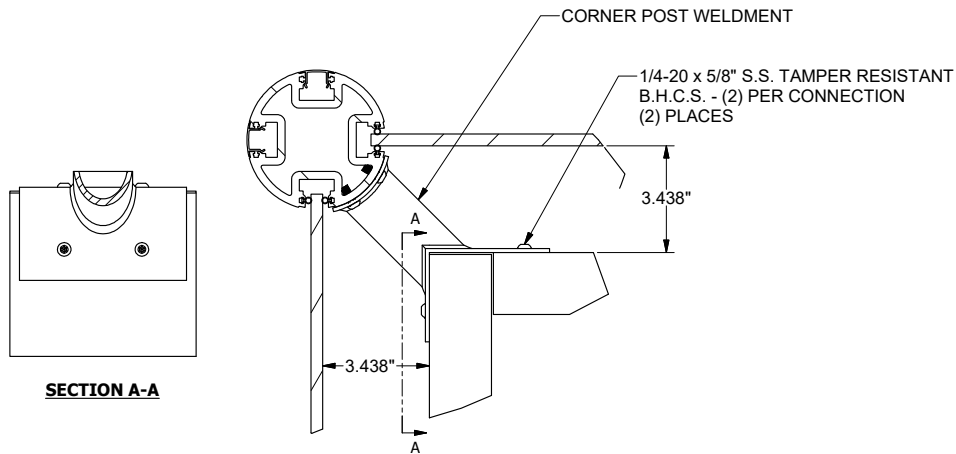
**SECTION A-A**

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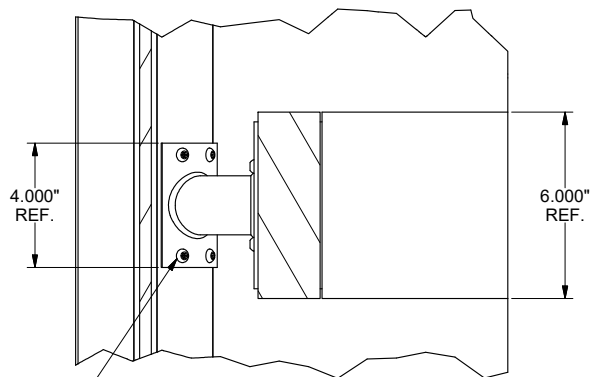
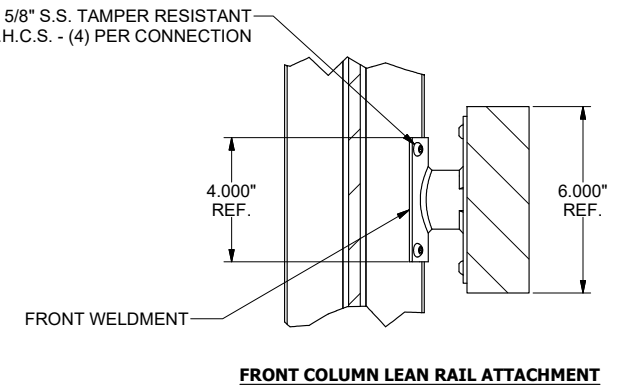
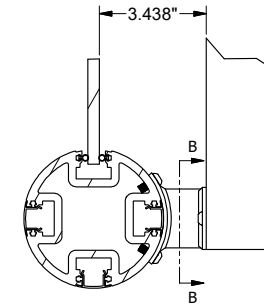
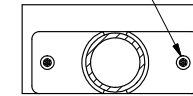
SIGNED: \_\_\_\_\_ DATE: \_\_\_\_\_

	BRASCO INTERNATIONAL, INC. 32400 INDUSTRIAL DR. MADISON HEIGHTS, MICHIGAN 48071 1-800-893-3665 WWW.BRASCO.COM		CUSTOMER: CITY OF ALEXANDRIA		DESIGNER: HAUS	CHECKER: BDH
			PROJECT: ECLIPSE STYLE SHELTER		DATE: 4-21-22	DATE: 4-21-22
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						REVISION: A






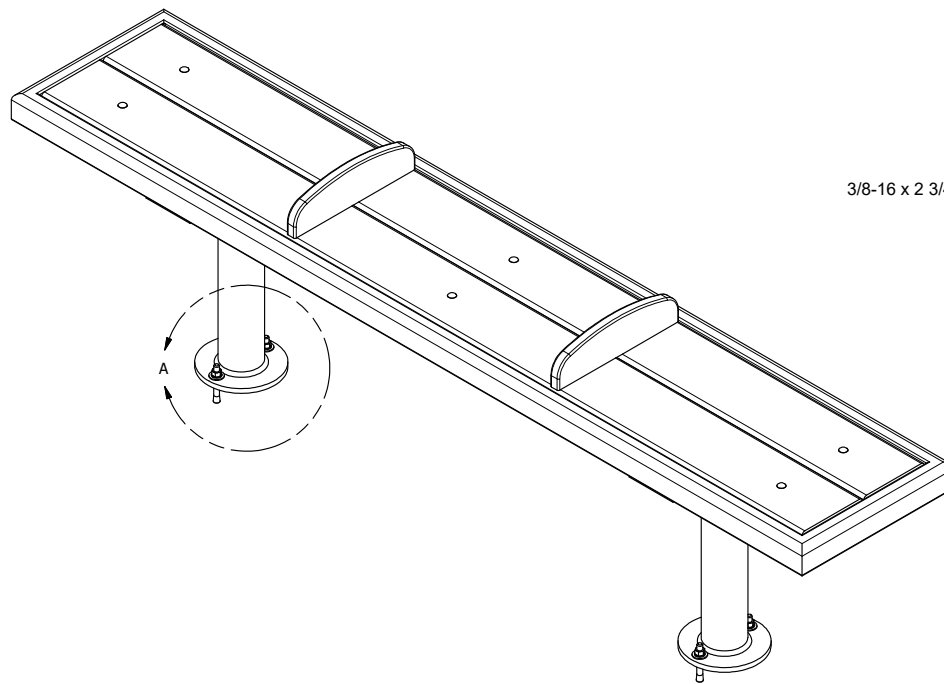
1/4-20 x 5/8" S.S. TAMPER RESISTANT B.H.C.S. - (2) PER CONNECTION



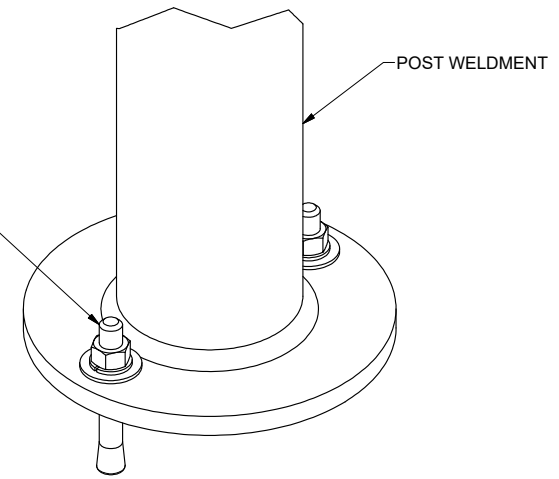
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	PROJECT: ECLIPSE STYLE SHELTER		DATE: 4-21-22		DATE: 4-21-22	
	MODEL: EC-0512-C-0-FL-PC-LG-0-0-0		JOB # 6899	SHEET: 015	REVISION: A	
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3/8-16 x 2 3/4" S.S. WEDGE ANCHOR  
(2) PER CONNECTION



**DETAIL A**  
TYPICAL BENCH POST  
CONNECTION

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