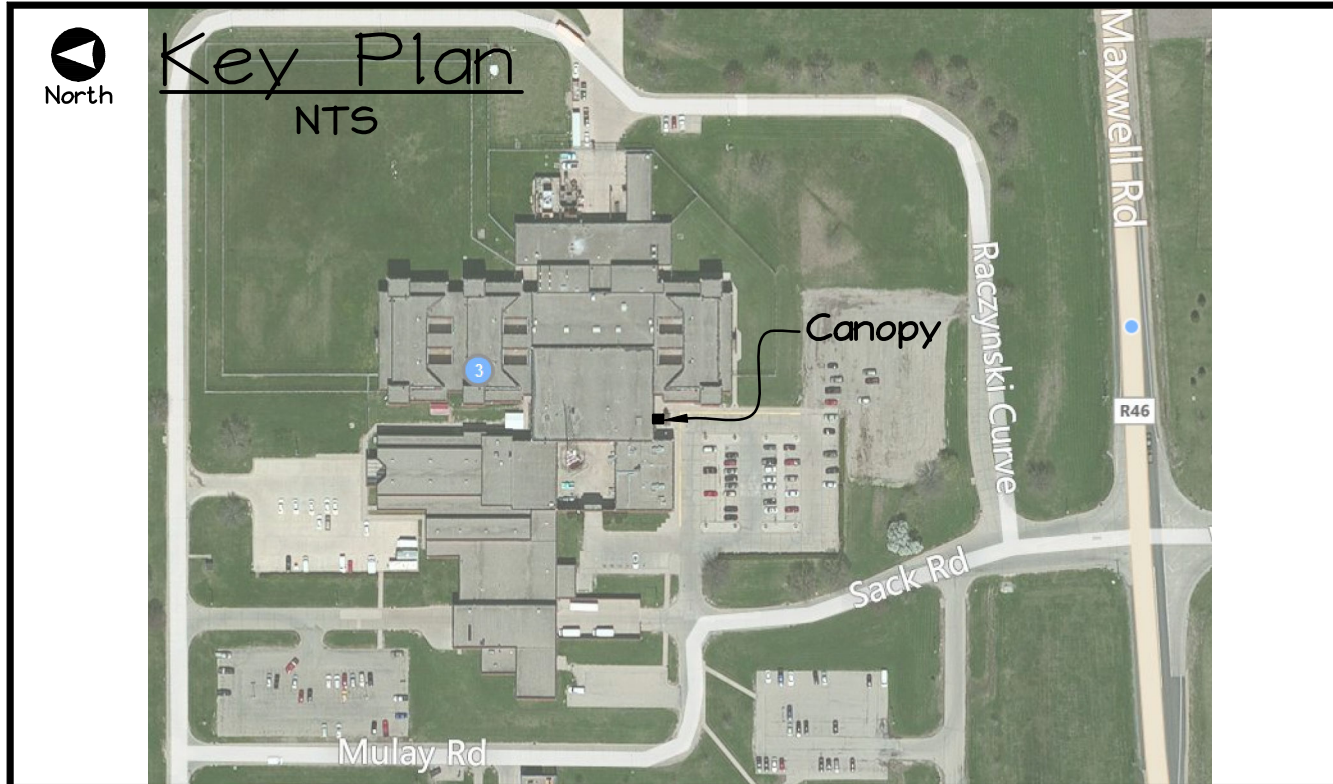


Peoria County Jail Entry Canopy & Parking Lot  
 301 N. Maxwell Rd, Peoria, IL 61604  
 Canopy Shop Drawings - Section 086300 Metal-Framed Sloped Glazing

Owner:  
 County of Peoria - Purchasing Division  
 324 Main St, Room 501  
 Peoria, IL 61602

ARCHITECT:  
 Dewberry Architects  
 401 Southwest Water St, Ste. 701  
 Peoria, IL 61602

GENERAL CONTRACTOR:  
 Otto Baum Company  
 866 N. Main St.  
 Morton, IL 61550



PRODUCT DATA:  
Canopy Glazing: 1/2" monolithic clear tempered laminated glass w/ clear .030 PVB interlayer. Glass sample submitted separately.  
Finish: Extruded aluminum framework and flashings to have a black anodized finish, per Jeff Smith, Otto Baum Co., 9/11/13. Verification samples submitted separately.  
Warranty: Skylight design, fabrication, and materials, 5 years. Finish, against defects & abnormal weathering, 5 years. Glazing, against defects & undue deterioration, 5 years.  
Installer Certification: Installers are full-time employees of WSD and are certified by the manufacturer.  
Structural Delegated Design: Deflection,  $\max = \frac{L}{175} = X''$ , SL=20 psf, basic wind speed = 115 mph. See page 7 of 7 for framing member structural and physical characteristics. Structural calculations submitted separately.

- NOTES:
- General Contractor: Please fill in guaranteed outside-to-outside of steel dimensions noted thus  \*  on page 6 & 7 and initial. These dimensions will be used as the basis of skylight fabrication.
  - Architect / General Contractor: See rafter spacing diagram on page 2 regarding possible alignment of rafters with existing entrance mullions. If alignment is desired and dimensions are provided, currently shown rafter spacing dimensions on pages 2, 3, & 4 will be adjusted accordingly.

SHEET INDEX

1	Cover Sheet
2	Canopy Steel & Aluminum Framing Plan
3	Canopy Plan
4	Canopy Elevations
5	Canopy Sections
6	Canopy Details
7	Canopy Details & Rafter Properties

DRAWING APPROVAL:  
 We have reviewed these drawings and approve their use for construction of the canopy. Any comments or suggestions have been added to the drawings.

Architect:  
 Dewberry Architects  
 name \_\_\_\_\_  
 title \_\_\_\_\_


General Contractor:  
 Otto Baum Company  
 name \_\_\_\_\_  
 title \_\_\_\_\_

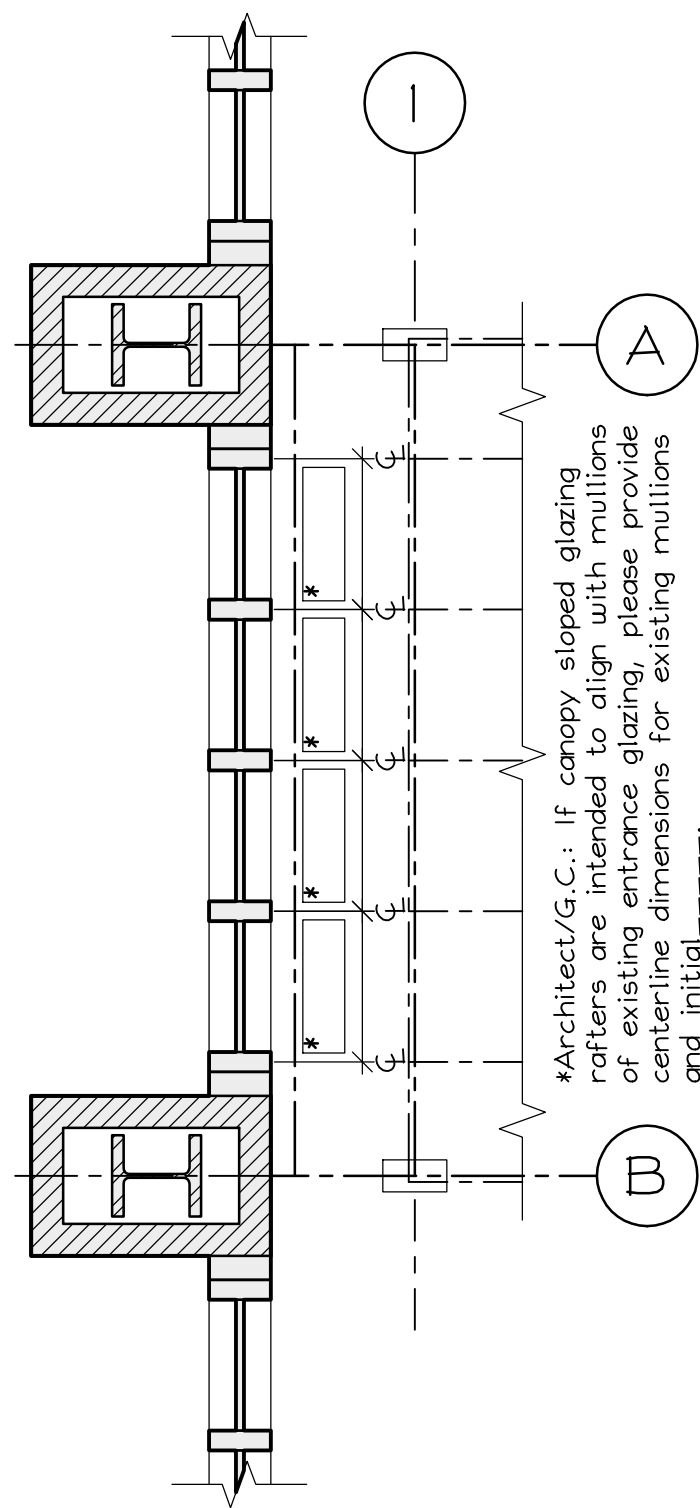
Drawings by: James Thomack,  
 Wisconsin Solar Design

Project:  
 Peoria Co. Jail Canopy & Parking Lot  
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 Peoria, IL 61604

Architect:  
 Dewberry Architects  
 401 Southwest Water St, Ste. 701  
 Peoria, IL 61602

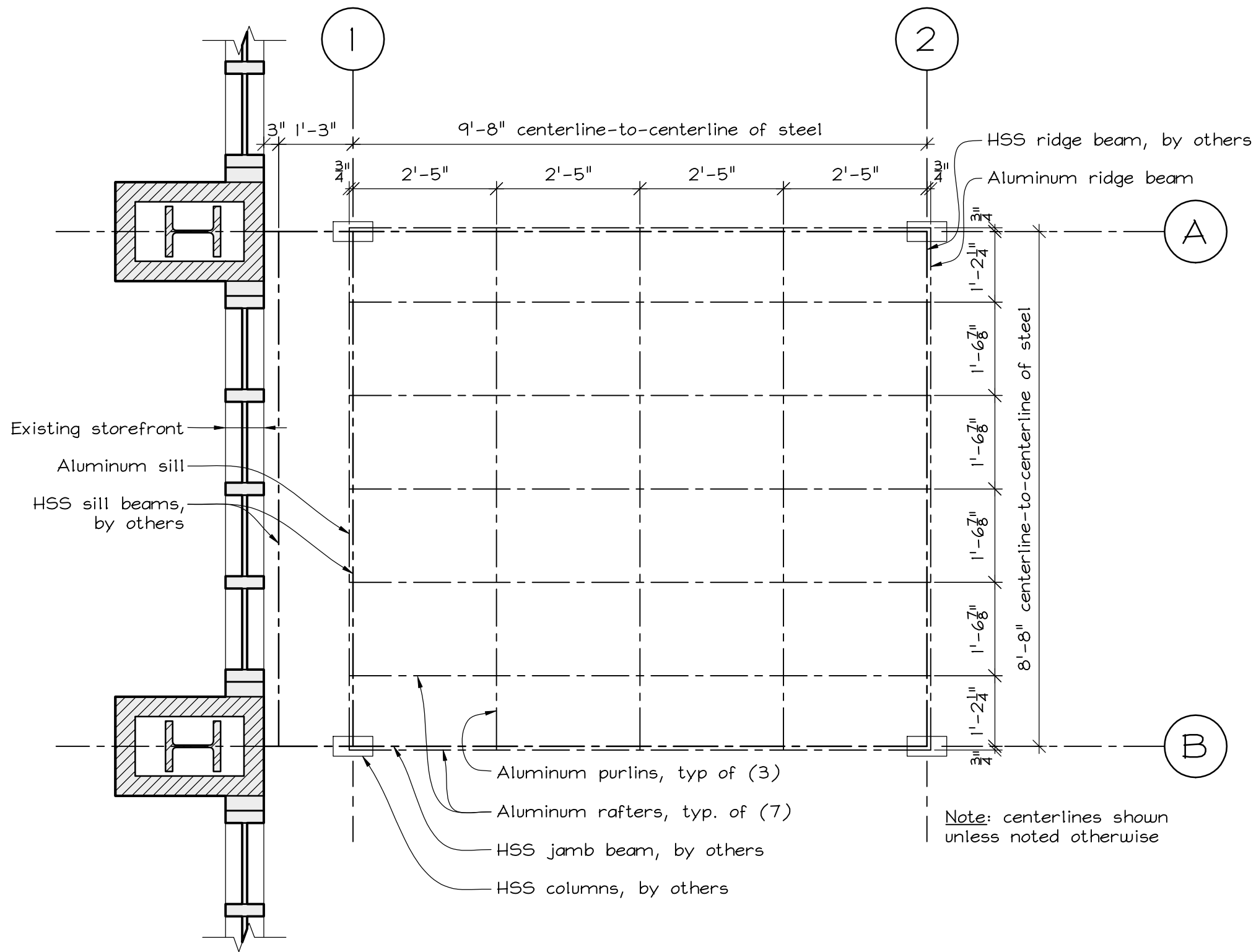
1 of 7  
 Issued:  
 9/25/13

Manufacturer/Installer:  
 **WISCONSIN SOLAR DESIGN**  
 6349 Briarcliff Ln., Middleton, WI 53562



Rafter Spacing Diagram


Scale:  $\frac{1}{2}'' = 1'-0''$



Plan - Steel & Aluminum Canopy Framing

Scale:  $\frac{1}{2}'' = 1'-0''$

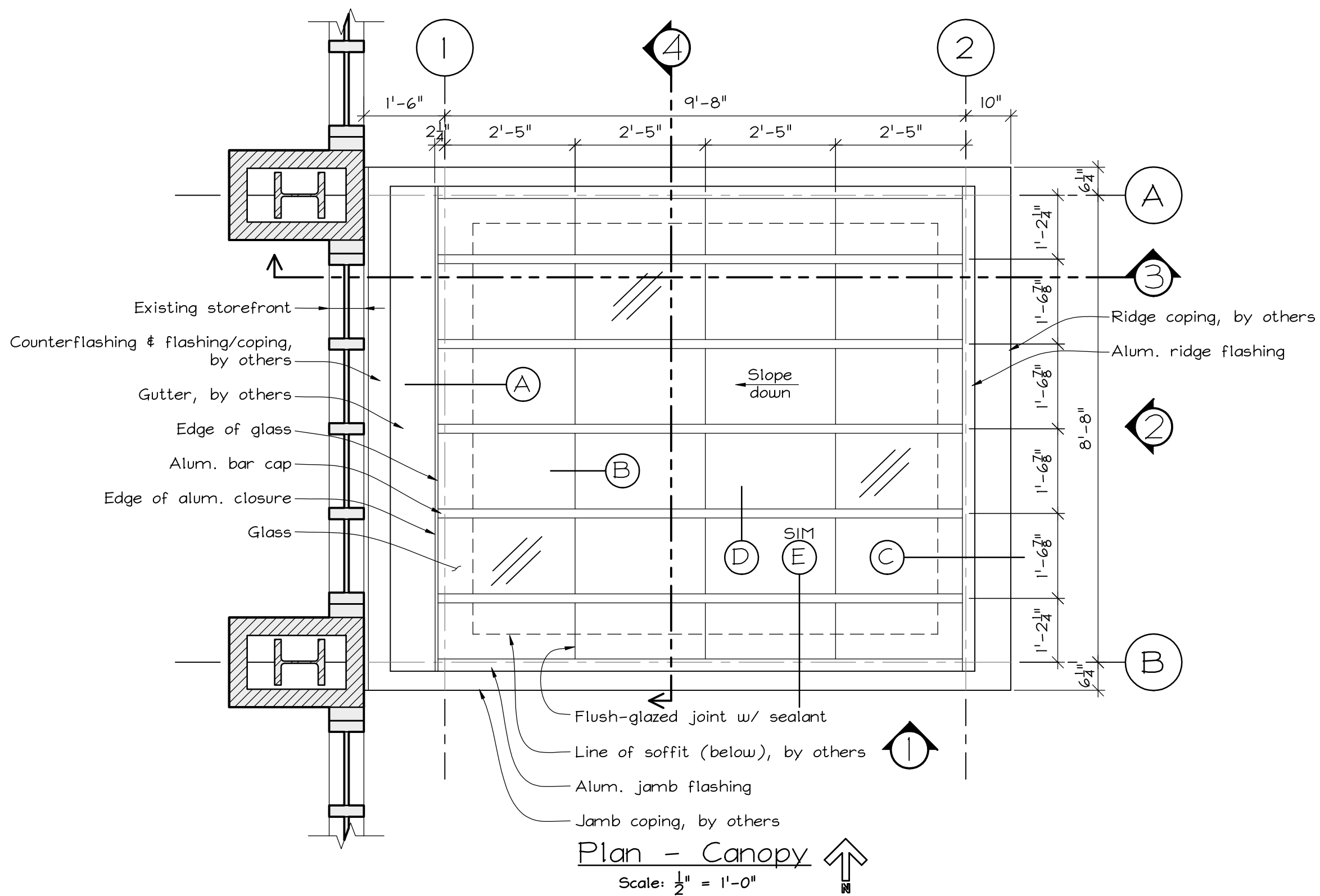


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 401 Southwest Water St., Ste. 701  
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 Issued:  
 9/25/13

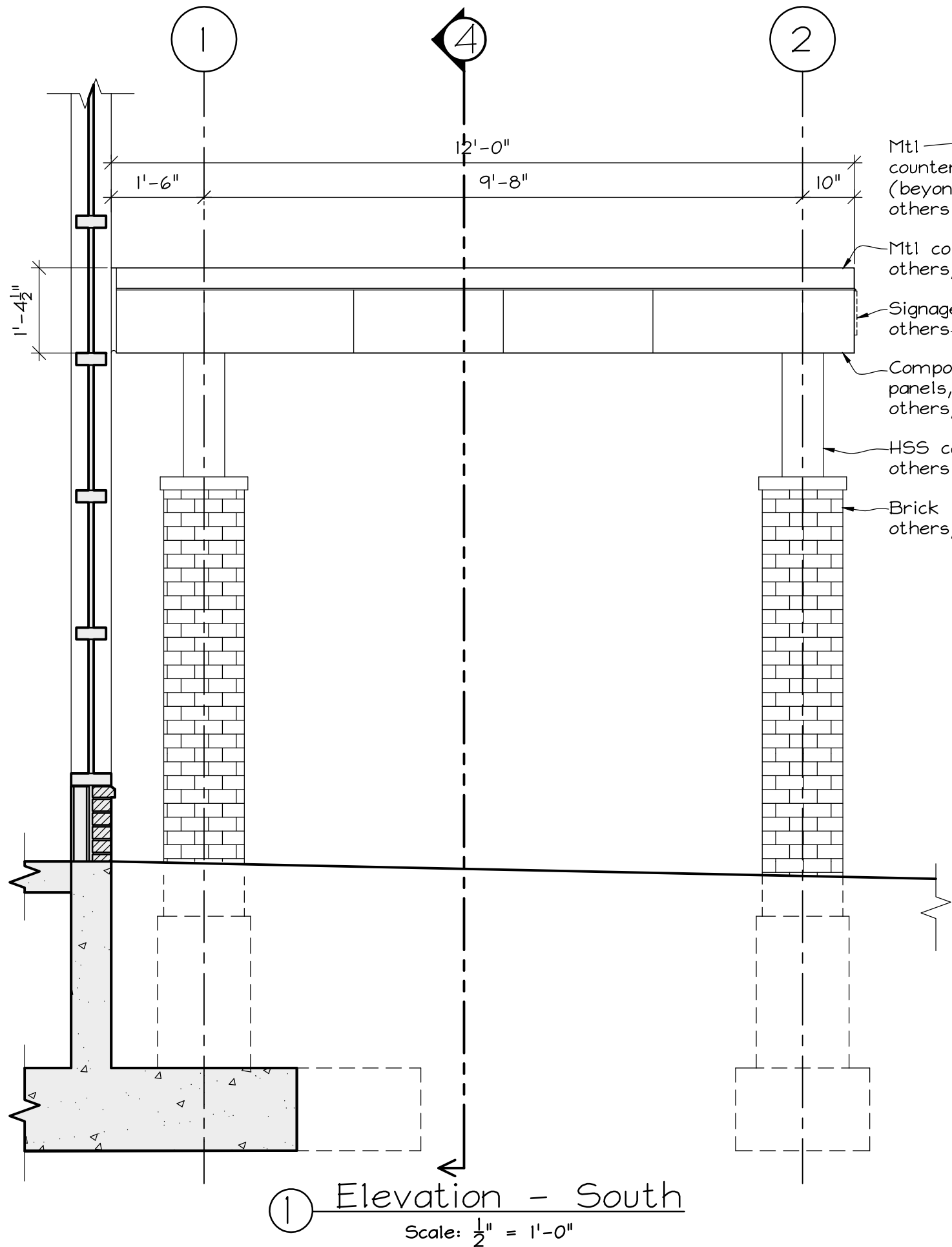


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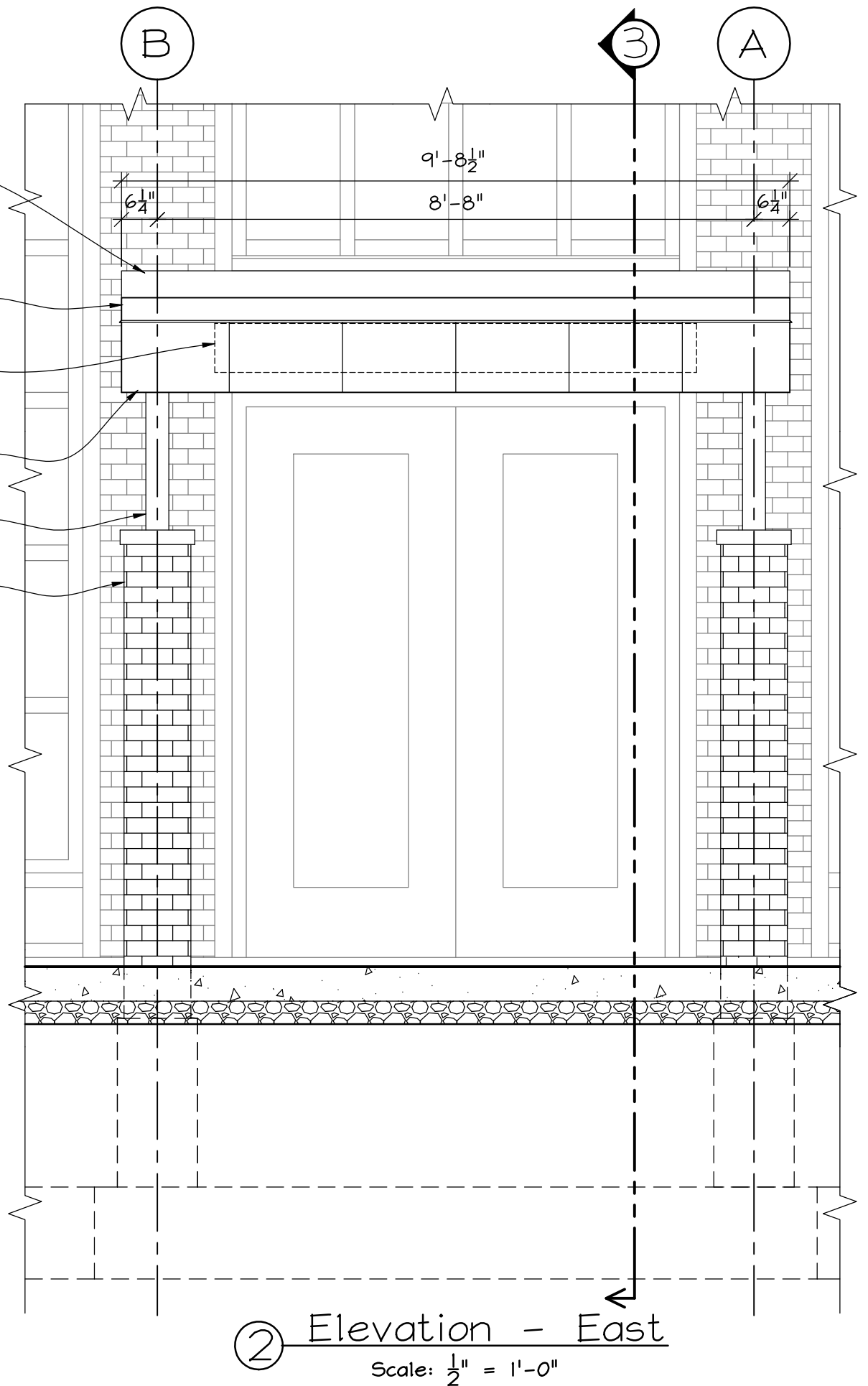
Architect:  
 Dewberry Architects  
 401 Southwest Water St, Ste. 701  
 Peoria, IL 61602

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 Issued:  
 9/25/13




① Elevation - South  
Scale:  $\frac{1}{2}'' = 1'-0''$

- Mtl counterflashing (beyond), by others
- Mtl coping, by others, typ.
- Signage, by others
- Composite metal panels, by others, typ.
- HSS column, by others, typ.
- Brick pier, by others, typ.



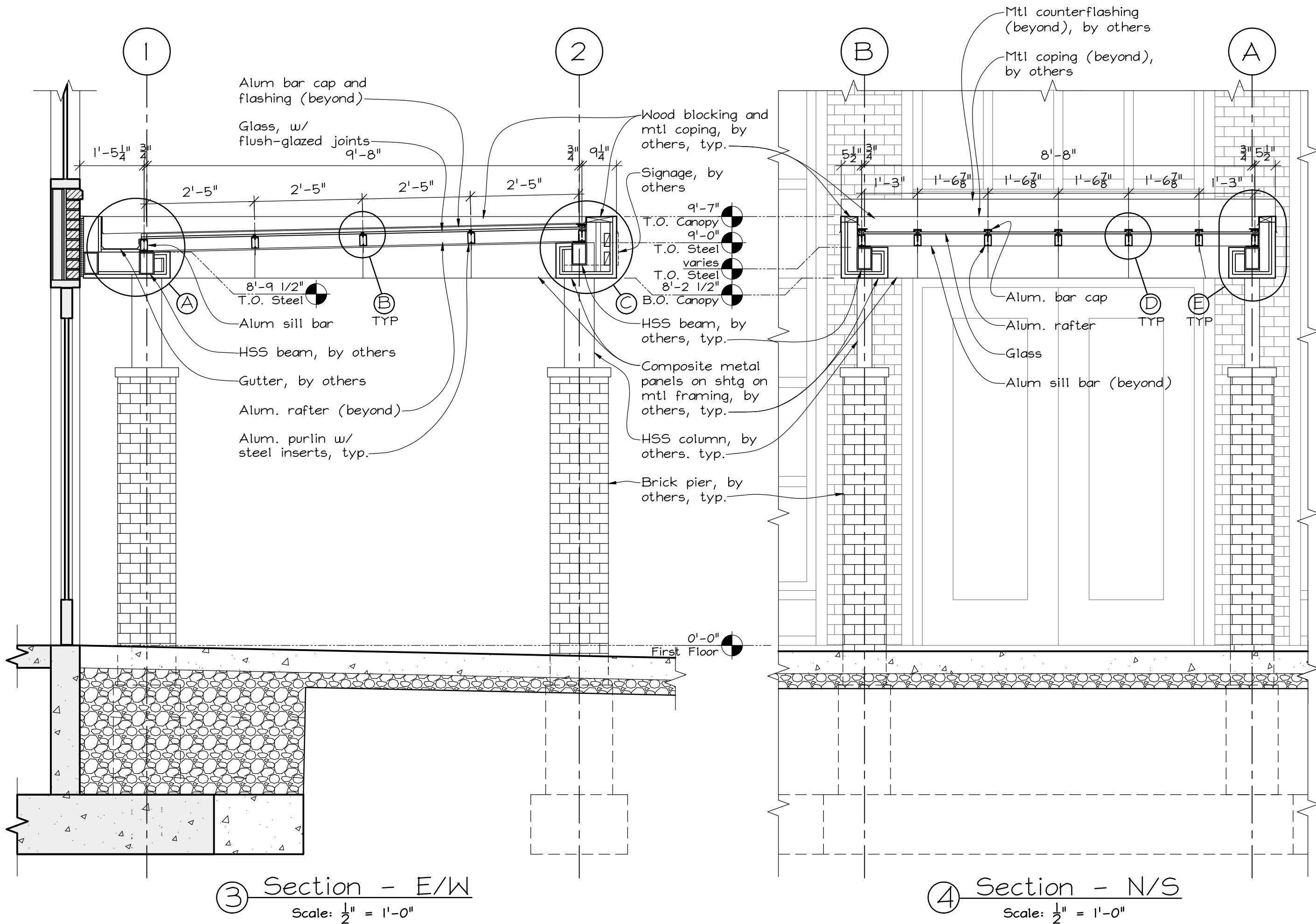
② Elevation - East  
Scale:  $\frac{1}{2}'' = 1'-0''$

Manufacturer/Installer:  

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 6349 Briarcliff Ln., Middleton, WI 53562

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 Peoria Co. Jail Canopy & Parking Lot  
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 Peoria, IL 61604

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 401 Southwest Water St, Ste. 701  
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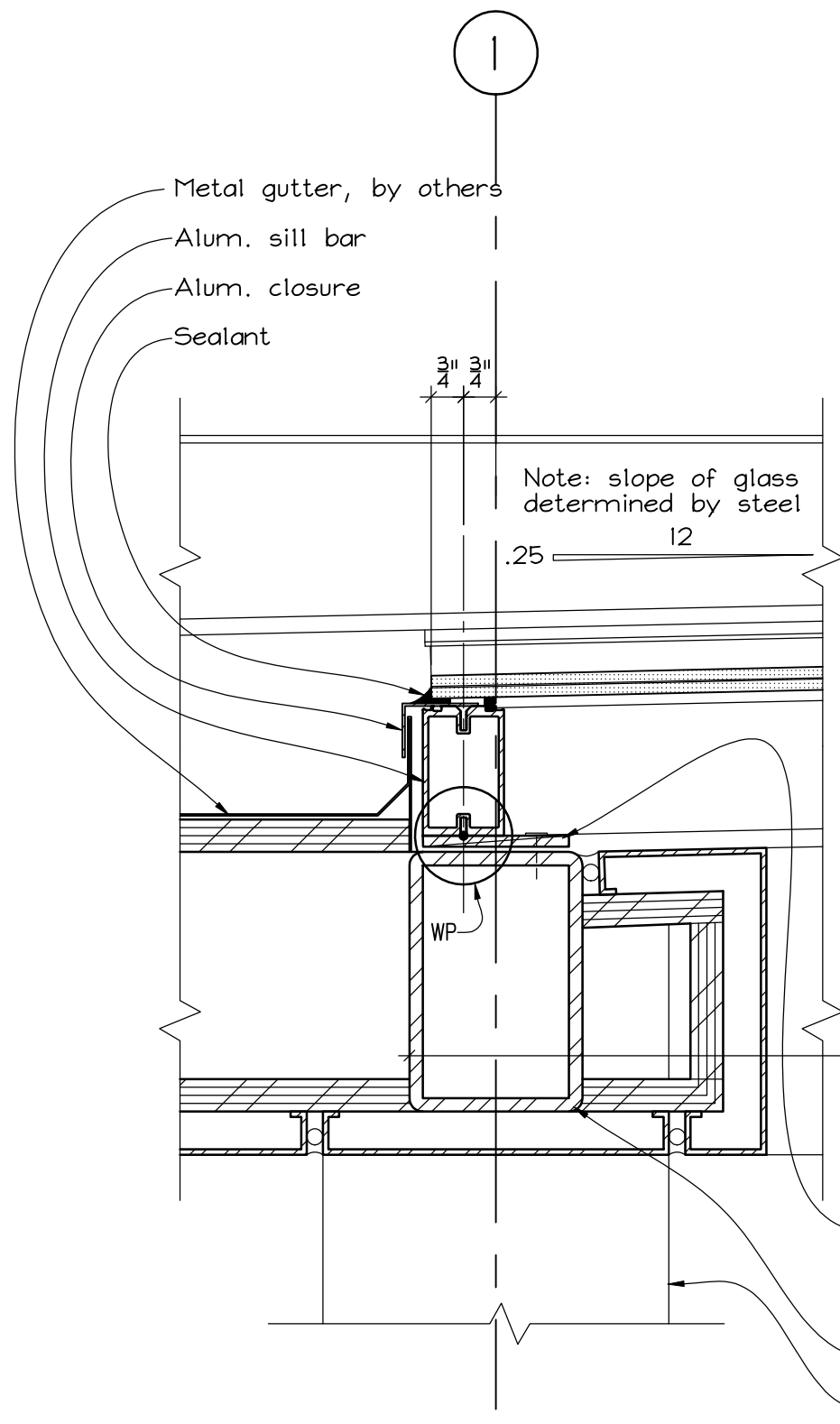


Manufacturer/Installer:  
**WISCONSIN SOLAR DESIGN**  
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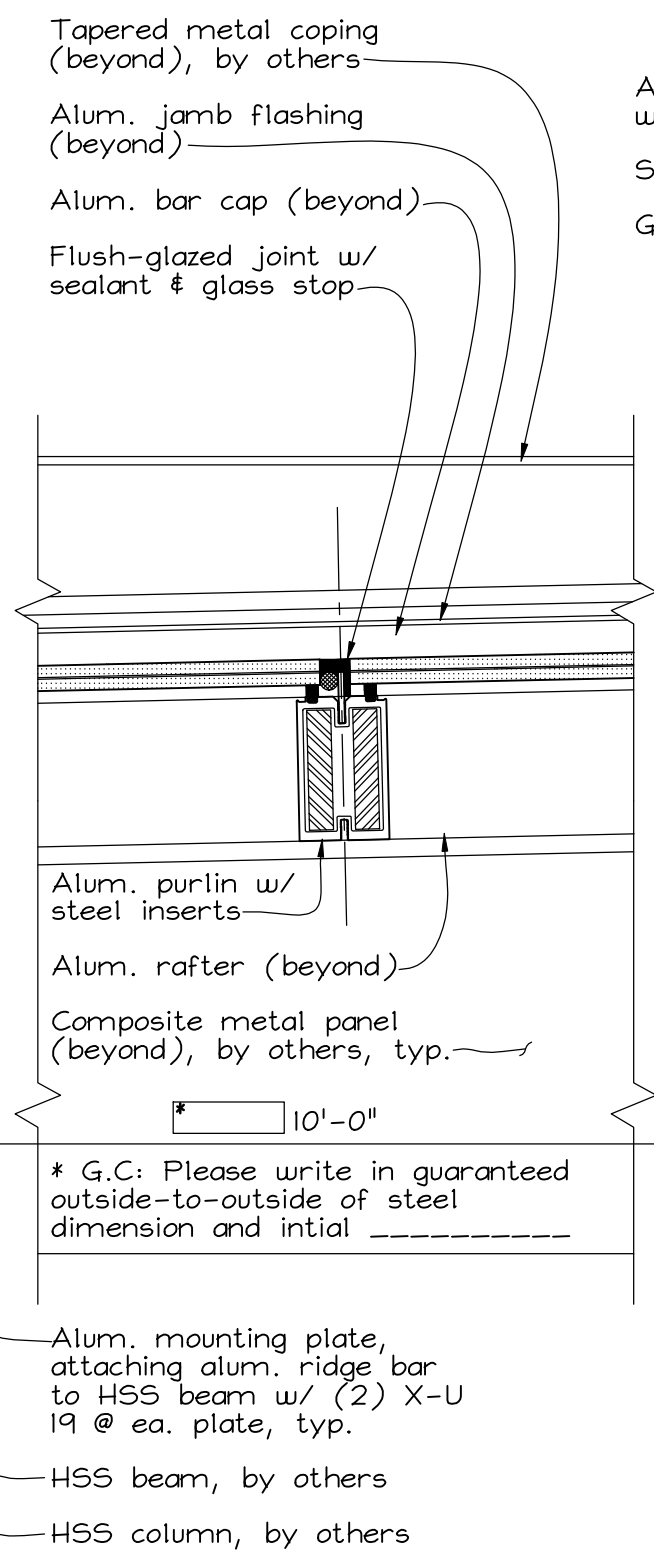
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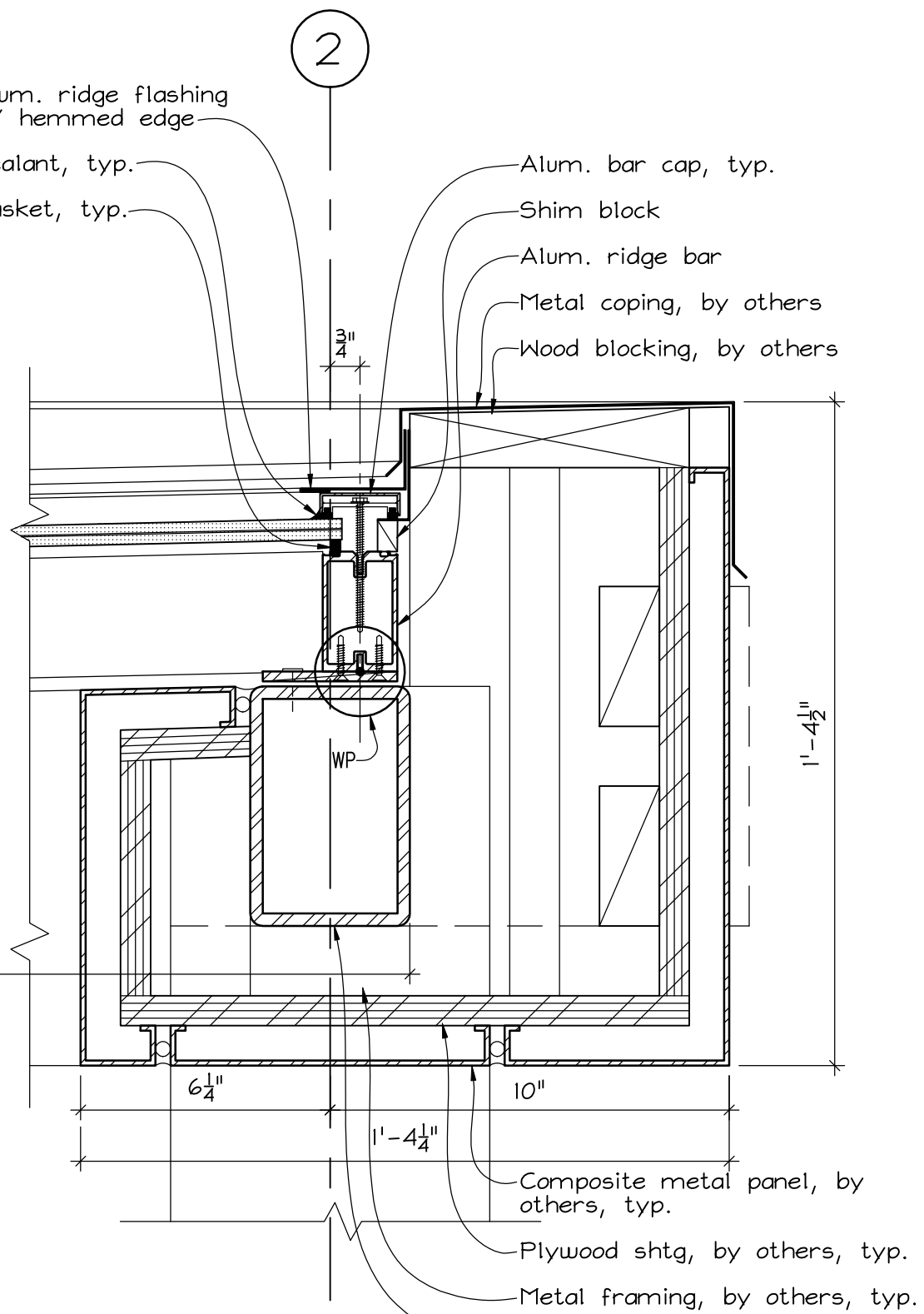
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 Issued:  
 9/25/13




(A)  
Sill  
Scale: 3"=1'-0"



(B)  
Purlin  
Scale: 3"=1'-0"



(C)  
Ridge  
Scale: 3"=1'-0"

Manufacturer/Installer:  

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 9/25/13

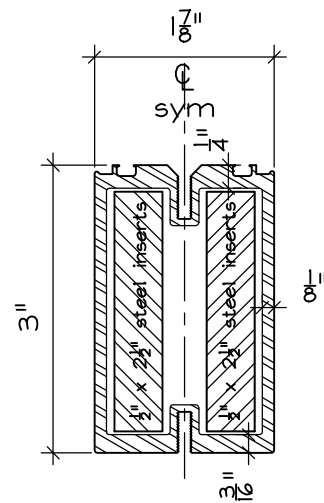
Rafter/Purlin  
Structural Properties

Without inserts:

Wgt/ft = 1.762 #  
 A = 3.77 in<sup>2</sup>  
 Ix = 1.832 in<sup>4</sup>  
 Sx = 1.218 in<sup>3</sup>

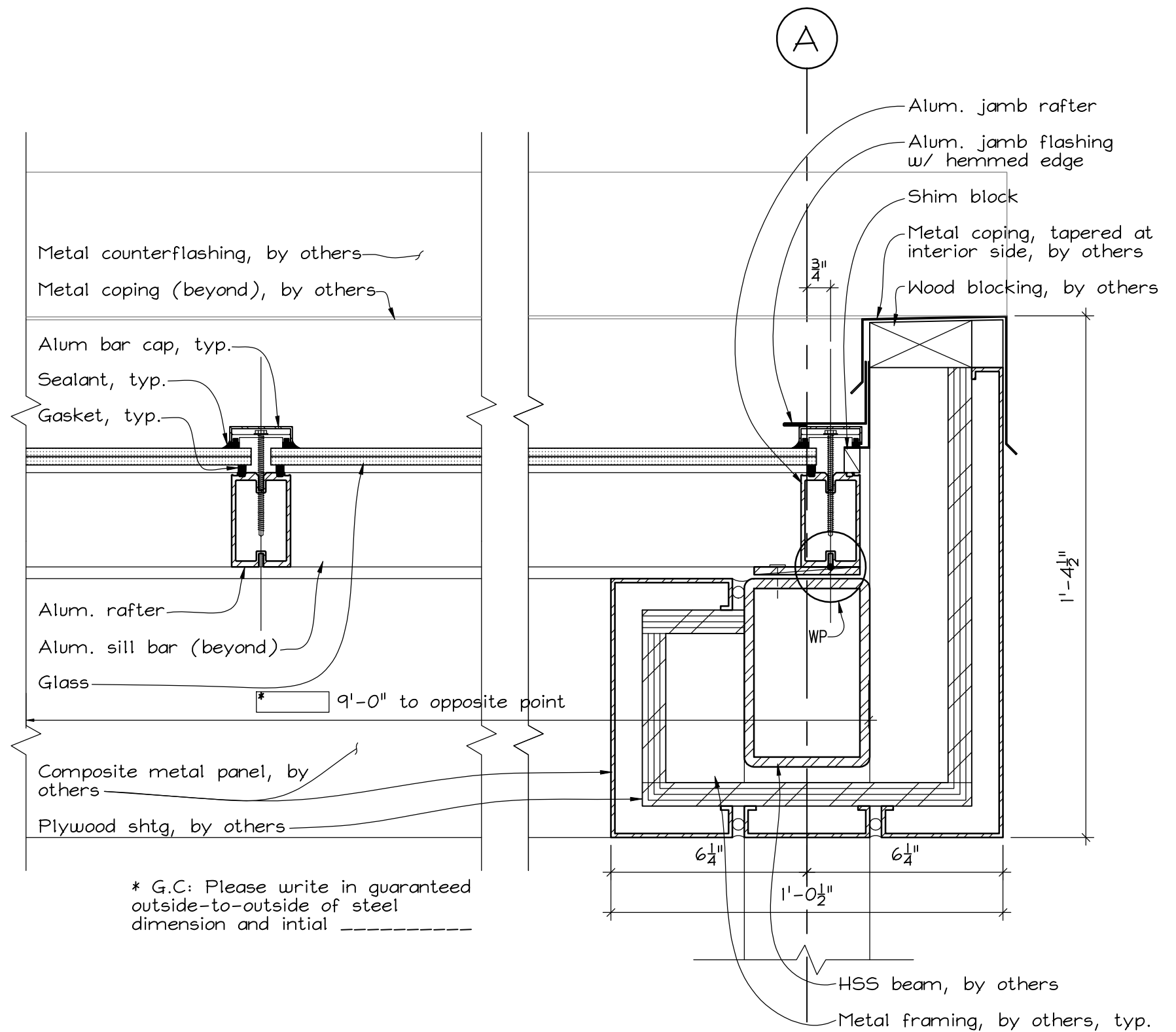
With two inserts:

Wgt/ft = 10.26 #  
 A = 3.77 in<sup>2</sup>  
 Ix = 5.56 in<sup>4</sup>  
 Sx = 2.82 in<sup>3</sup>



Rafter/Purlin  
Properties

Scale: 6"=1'-0"



Ⓓ

Rafter  
Scale: 3"=1'-0"

Ⓔ

Jamb  
Scale: 3"=1'-0"

Manufacturer/Installer:  
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Architect:  
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 Issued:  
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