

# Skylight Shop Drawings for Colectivo Coffee Cafe Monroe Street

Product Data:

Glazing: 1/4" tempered Viracon VE 1-2M (or Solarban 60) outer lite, airspace, over 3/8" clear HS laminated inner lite with clear .030" PVB interlayer. Samples submitted under separate cover.

Finish: Extruded aluminum members and flashings to have a dark bronze anodize finish.

Design Loadings: SL=30 psf, WL=20 psf, DL=12psf,  $\Delta = \frac{L}{180}$ . The WSD skylight system is certified by Fred Holtzman, PE, Structural Engineer, to be structurally adequate as detailed herein. Calculations are attached.

Fasteners: 300 series stainless steel.

Warranty: 5 years against defects in materials, workmanship, and against leakage from the date of installation.

Test reports: Thermal, water and air tests may be found at [wisconsinsolar.com/skylightspecs.html](http://wisconsinsolar.com/skylightspecs.html)

Installer Certification: Installers are full-time employees of WSD and are certified by the manufacturer.

Sealant: Dow Corning 795.

Notes to General Contractor:

1. Wisconsin Solar Design will field verify curb dimensions when ready prior to commencing skylight fabrication.
2. Please provide 2x6 chamfered blocking at top of curb at east and west sides. Blocking at north and south sides will not be chamfered. See details page 5 and 6.

Drawing Approval:

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

Architect:

TKWA Architects

name \_\_\_\_\_

title \_\_\_\_\_

General Contractor:

JS Dahlman Construction

name \_\_\_\_\_

title \_\_\_\_\_

General Contractor:

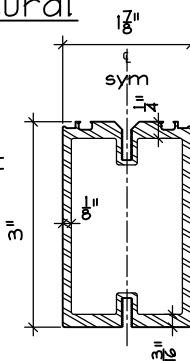
JS Dahlman  
P.O. Box 170110  
Milwaukee, WI 53217

Architect:

The Kubala Washadko  
Architects, Inc.  
W61 N617 Mequon Ave.  
Cedarburg, WI 53012

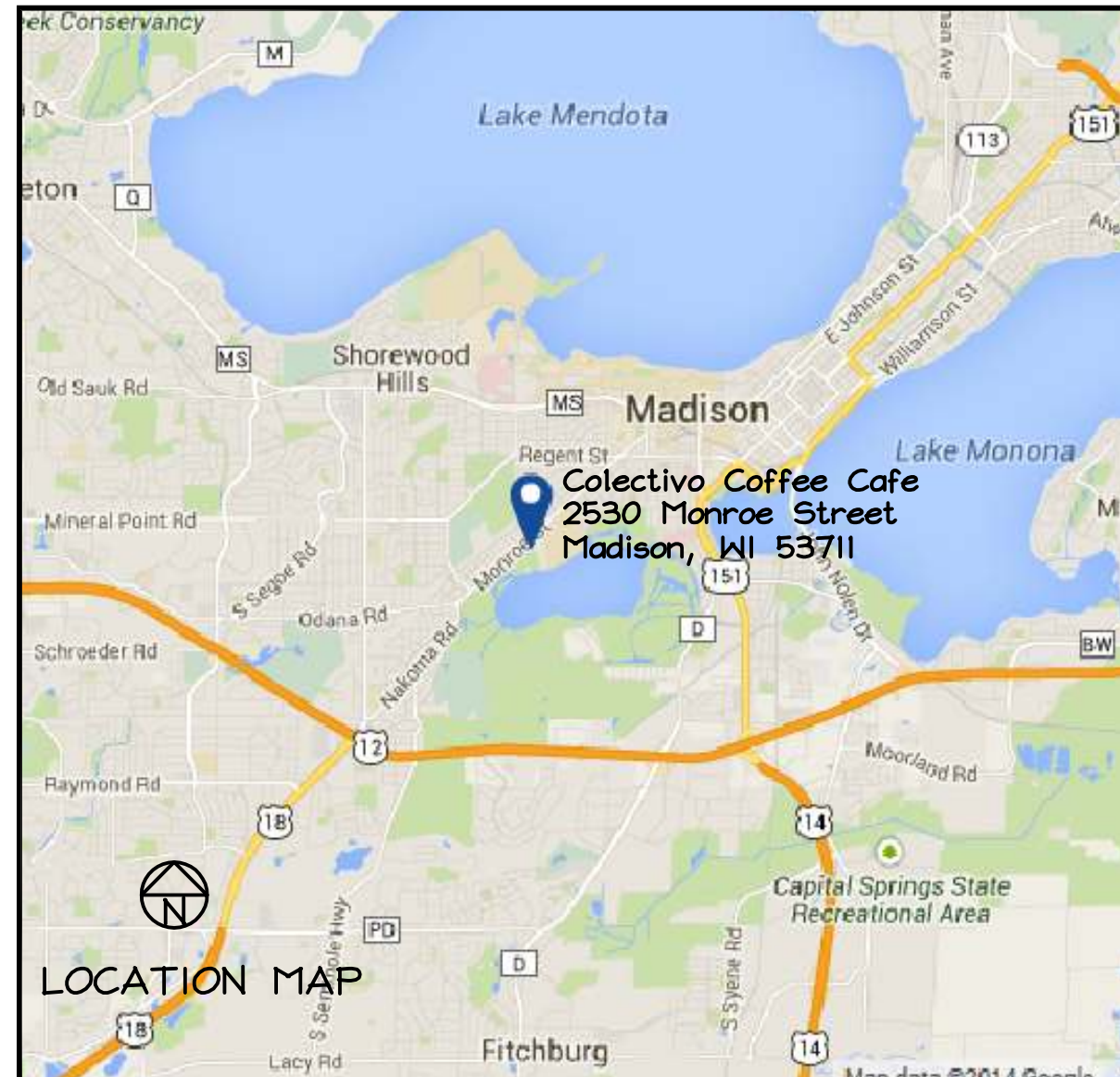
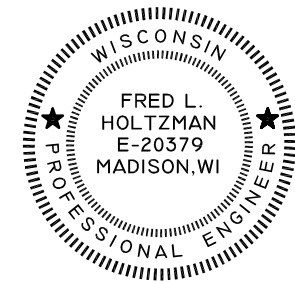
Rafter Structural Properties:

Wgt/ft=1.762#  
A= 1.484 in<sup>2</sup>  
Ix= 1.832 in<sup>4</sup>  
Sx= 1.218 in<sup>3</sup>



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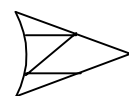
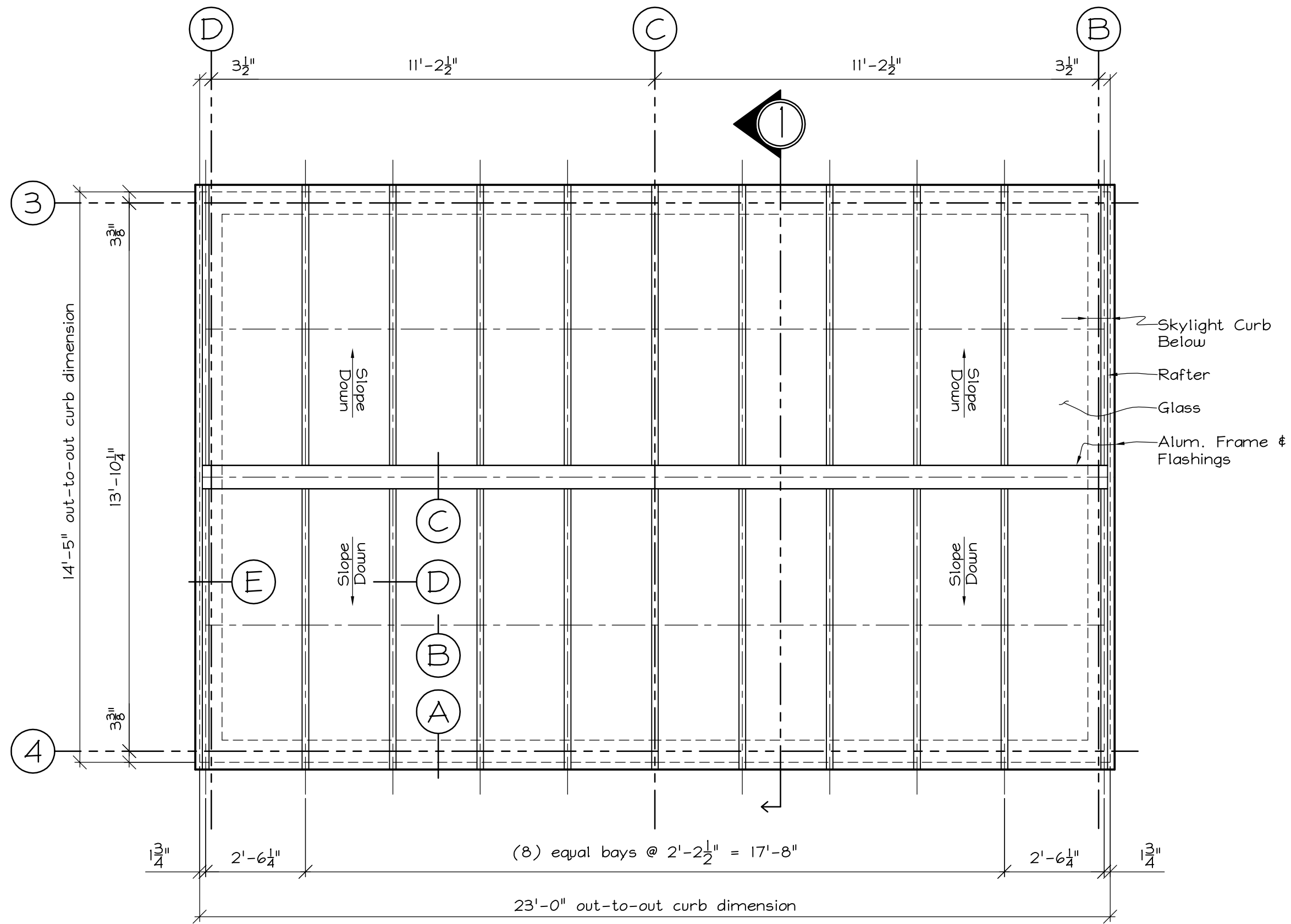


Manufacturer/Installer:  
**WISCONSIN SOLAR DESIGN**  
 6349 Briarcliff Ln., Middleton, WI 53562

Project:  
 Colectivo Coffee Cafe  
 2530 Monroe Street  
 Madison, WI 53711

Architect:  
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 W61 N617 Mequon Ave.  
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 10/29/14



### Skylight Plan

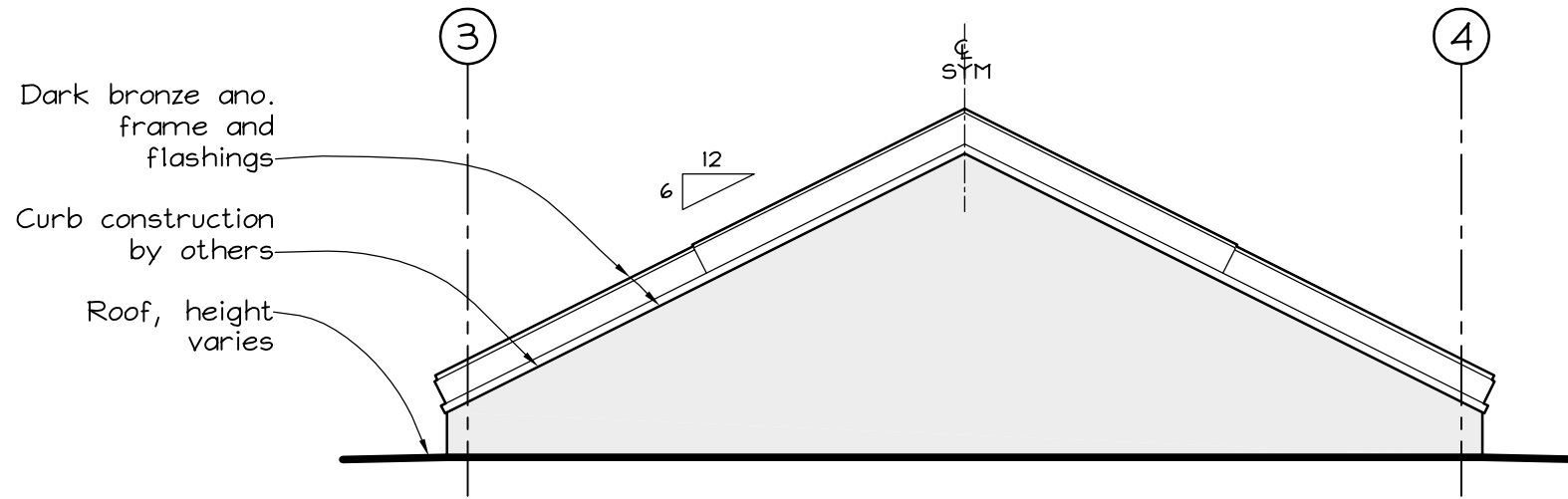
Scale: 3/8" = 1'-0"

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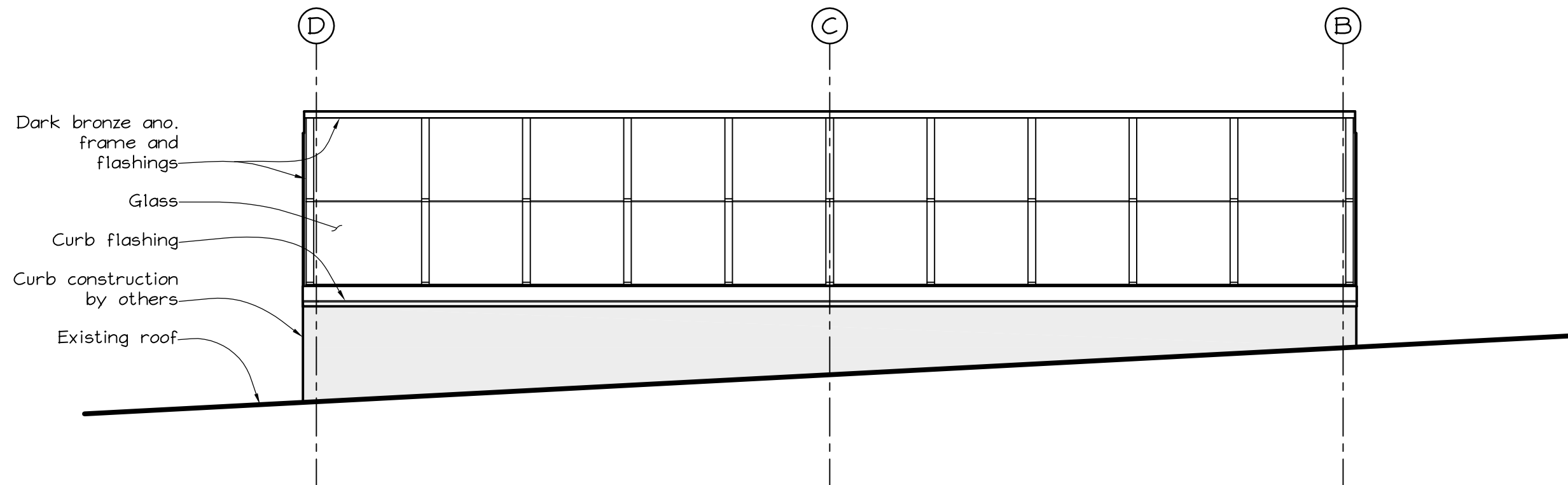
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End Elevation

Scale:  $\frac{3}{8}'' = 1'-0''$   
(2) thus



Side Elevation

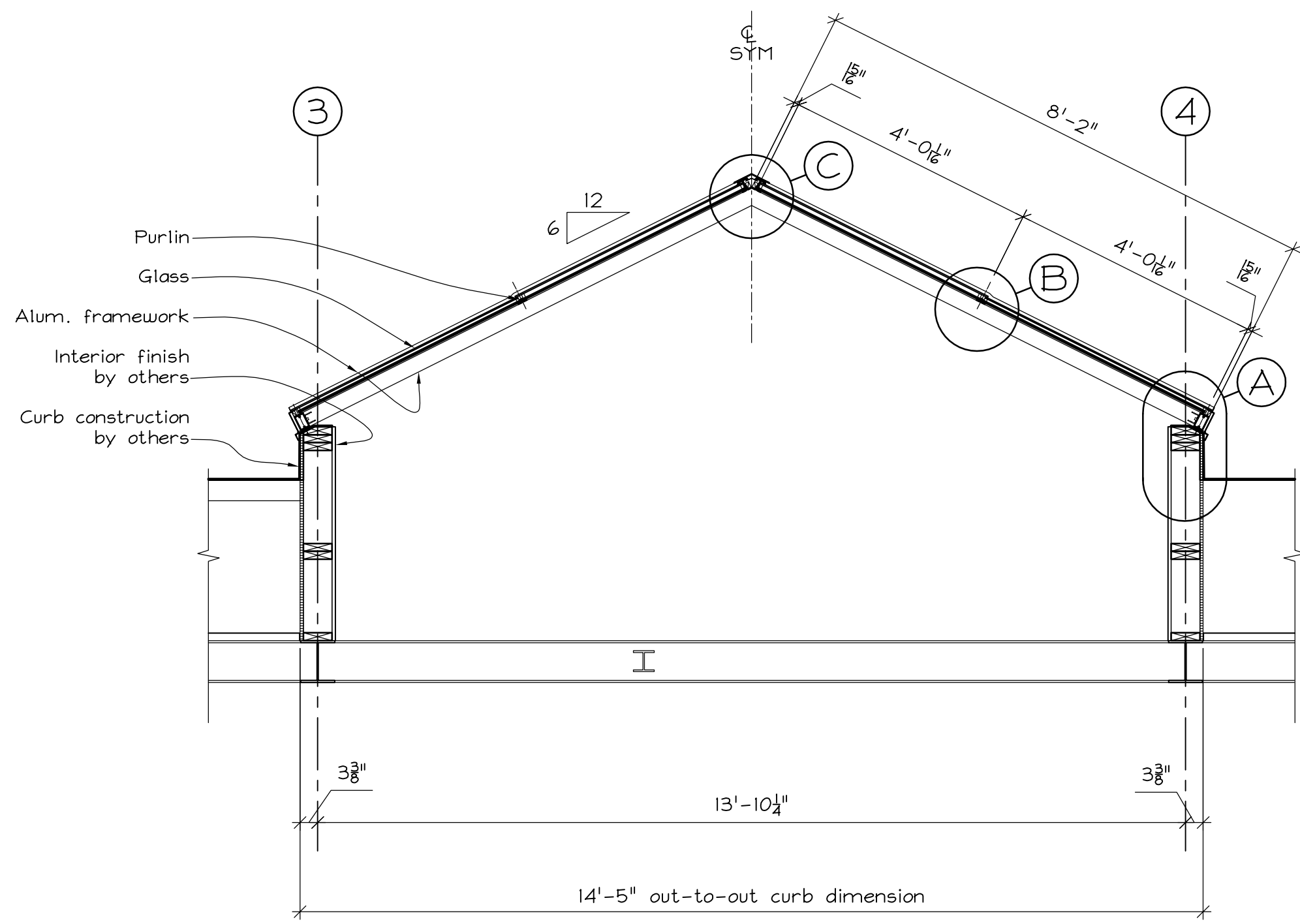
Scale:  $\frac{3}{8}'' = 1'-0''$   
(1) thus, (1) opp.

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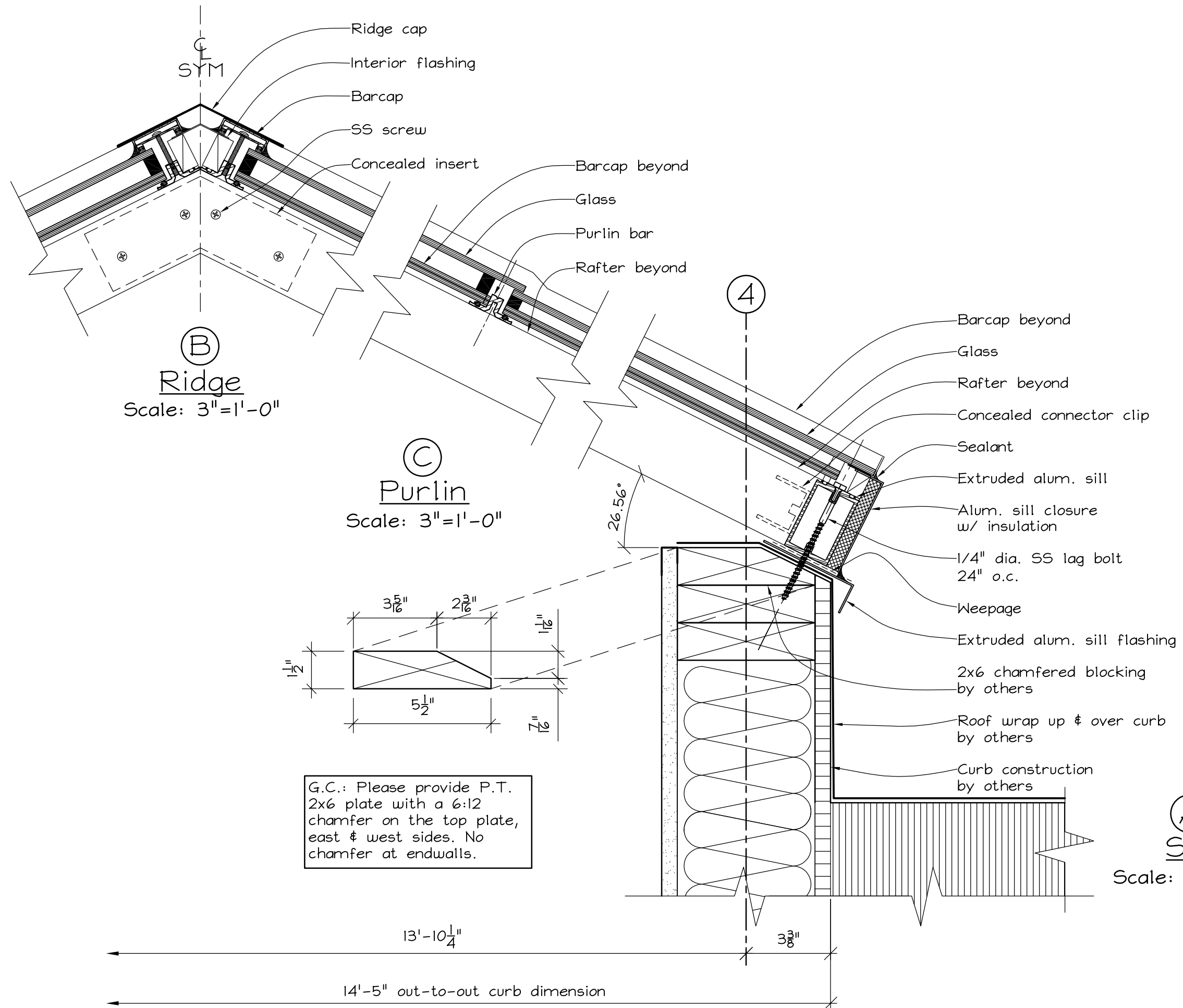
① Cross Section  
 Scale: 3/8" = 1'-0"

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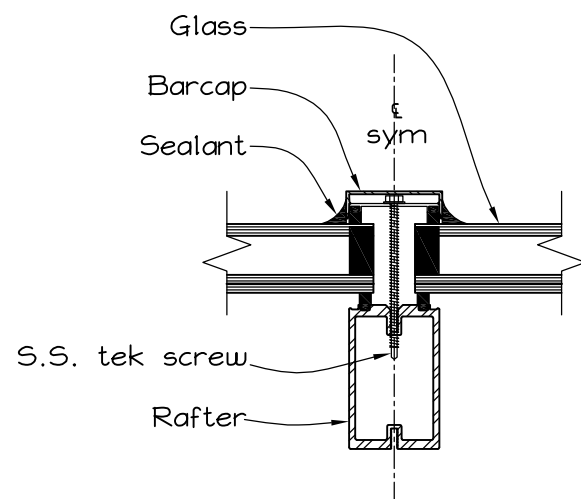
G.C.: Please provide P.T. 2x6 plate with a 6:12 chamfer on the top plate, east & west sides. No chamfer at endwalls.

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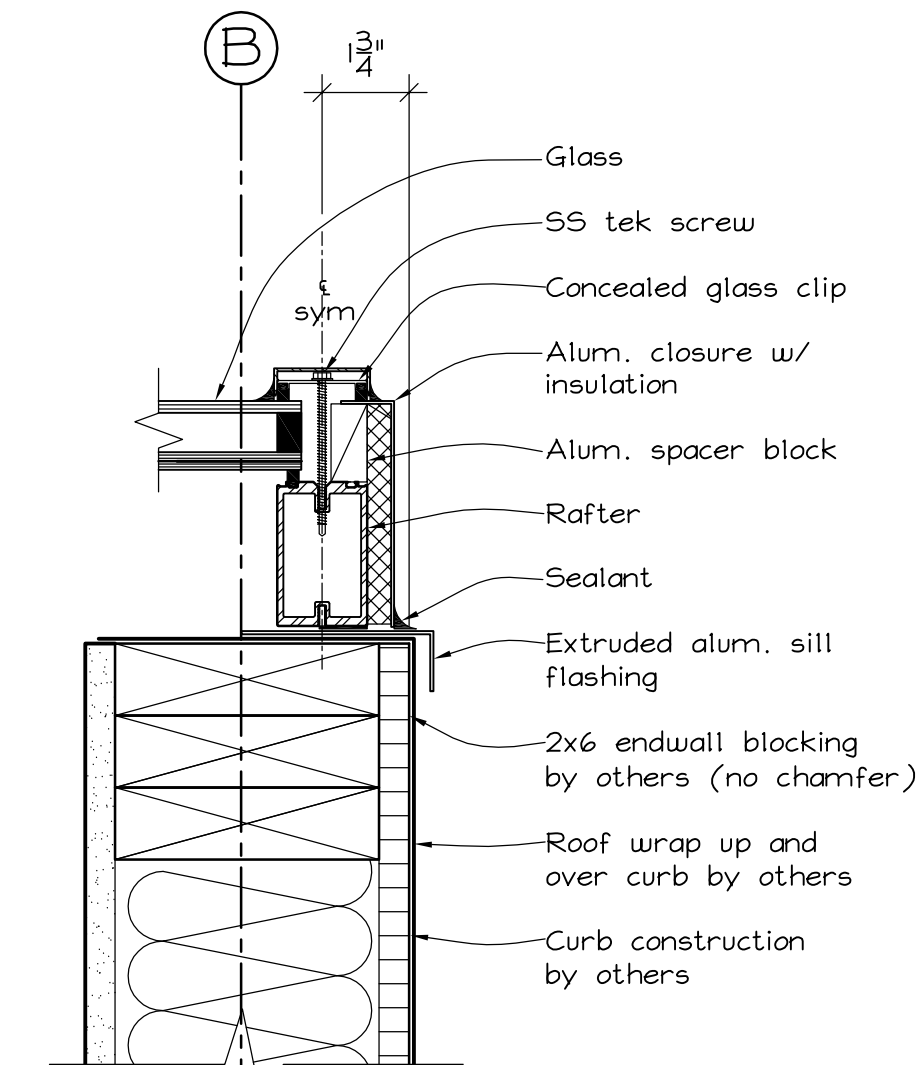
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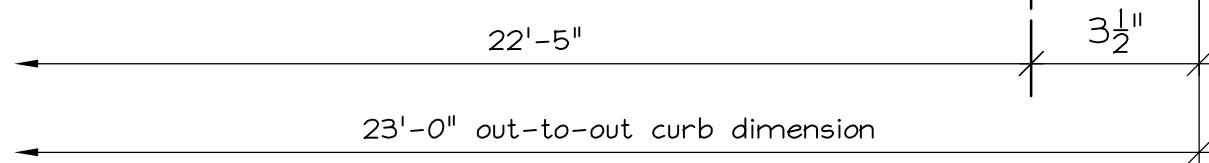
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Ⓓ  
Rafter  
 scale: 3" = 1'-0"



Ⓔ  
Jamb  
 scale: 3" = 1'-0"



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