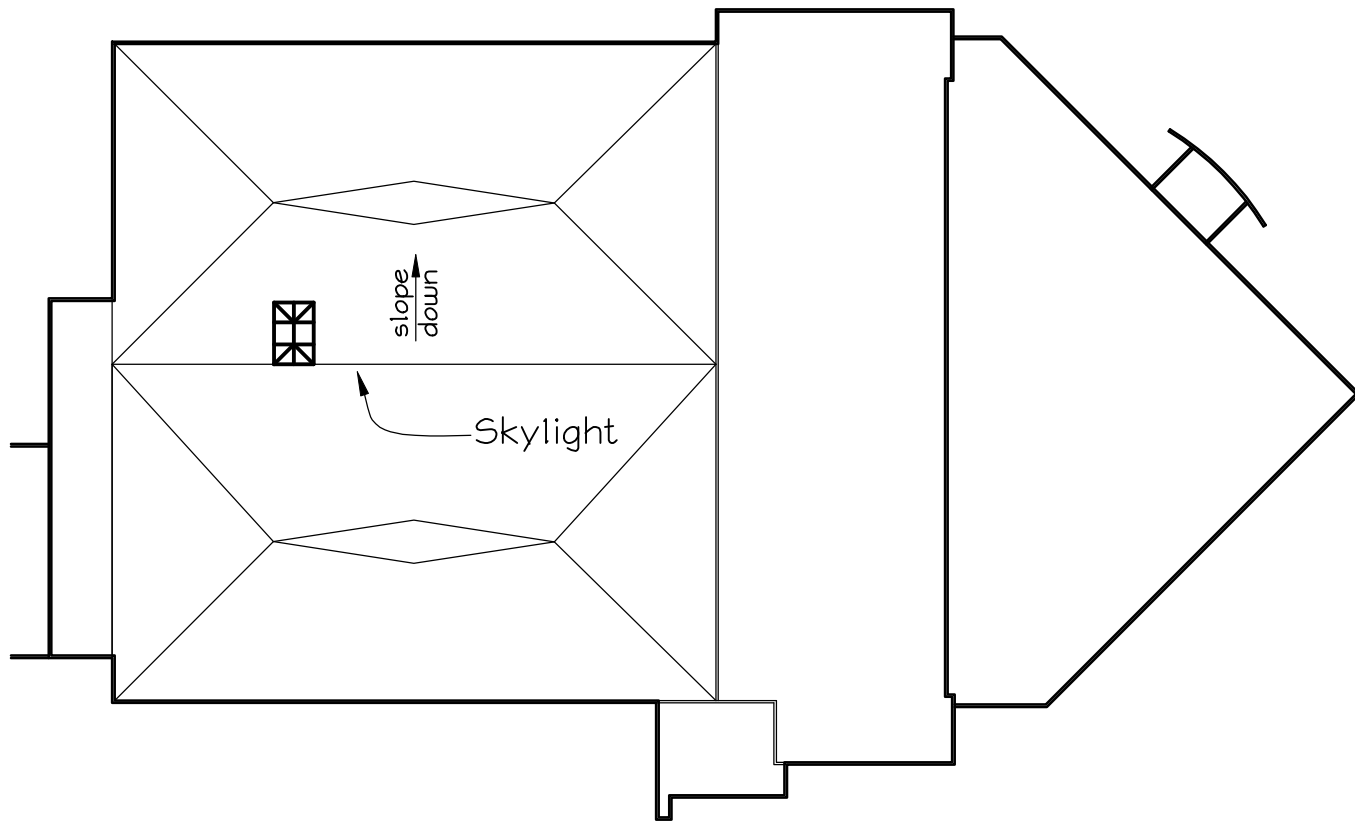



# Northeast Wisconsin Technical College Health Solutions Building Addition & Remodel Skylight Shop Drawings



 Key Plan  
nts

<u>General Contractor:</u> Miron Construction Co. PO Box 509 Neenah, WI 54956	<u>Owner:</u> Northeast Wisconsin Technical College PO Box 19402 Green Bay, WI 54301
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**PRODUCT DATA SECTION 08 63 00:**

1. Glass: Sealed insulated units,  $\frac{1}{4}$ " tempered outer lite, clear low-E #2,  $\frac{1}{2}$ " air space over  $\frac{3}{8}$ " clear HS laminated with .030" PVB interlayer,  $1\frac{1}{8}$ " o.a. Sample submitted separately.
2. Sealant: Dow Corning 795 Silicone. Sealant data submitted herewith. Sample submitted separately. No structural glazing adhesive is used herein.
3. Warranty: Design, material, construction: 10 years. Glass: 5 years. Finishes: 10 years.
4. Product Approval: Wisconsin Solar Design, skylight manufacturer, is approved by addendum #2.
5. Finish: Clear anodized. Extrusion sample submitted separately.
6. Manufacturer Certification: Wisconsin Solar Design, skylight manufacturer est. 1981, certifies that the skylights submitted herein meet or exceed the project specifications and project drawings requirements.
7. Structural: Design data, deflection,  $Max = L/175 = 0.25"$ ,  $SL = 40psf$ ,  $DL = 12psf$ ,  $WL = \pm 20psf$ . See page 4 of 5 for framing member structural and physical characteristics. Max. span = 3.64'. The WSD system is designed for 10'+ spans and is deemed structurally adequate by inspection.

**NOTES:**

1. General Contractor: Please fill-in guaranteed curb dimensions noted thus \* on page 2 and initial. These dimensions will be used as the basis of skylight fabrication.
2. General Contractor: Please provide 2x wood nailer at the top of the sill with 7:12 chamfer as shown on page 5 of 5.

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

Project:  
 NWT Health Solutions  
 Addition & Remodel  
 PO Box 19042  
 Green Bay, WI 54301

Architect:  
 Somerville Inc.  
 2100 Riverside Dr.  
 Green Bay, WI 54301

**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.

Architects:  
Somerville Inc.

name \_\_\_\_\_

title \_\_\_\_\_

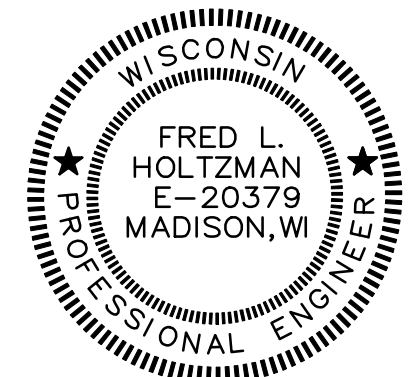
General Contractor:  
Miron Construction

name \_\_\_\_\_

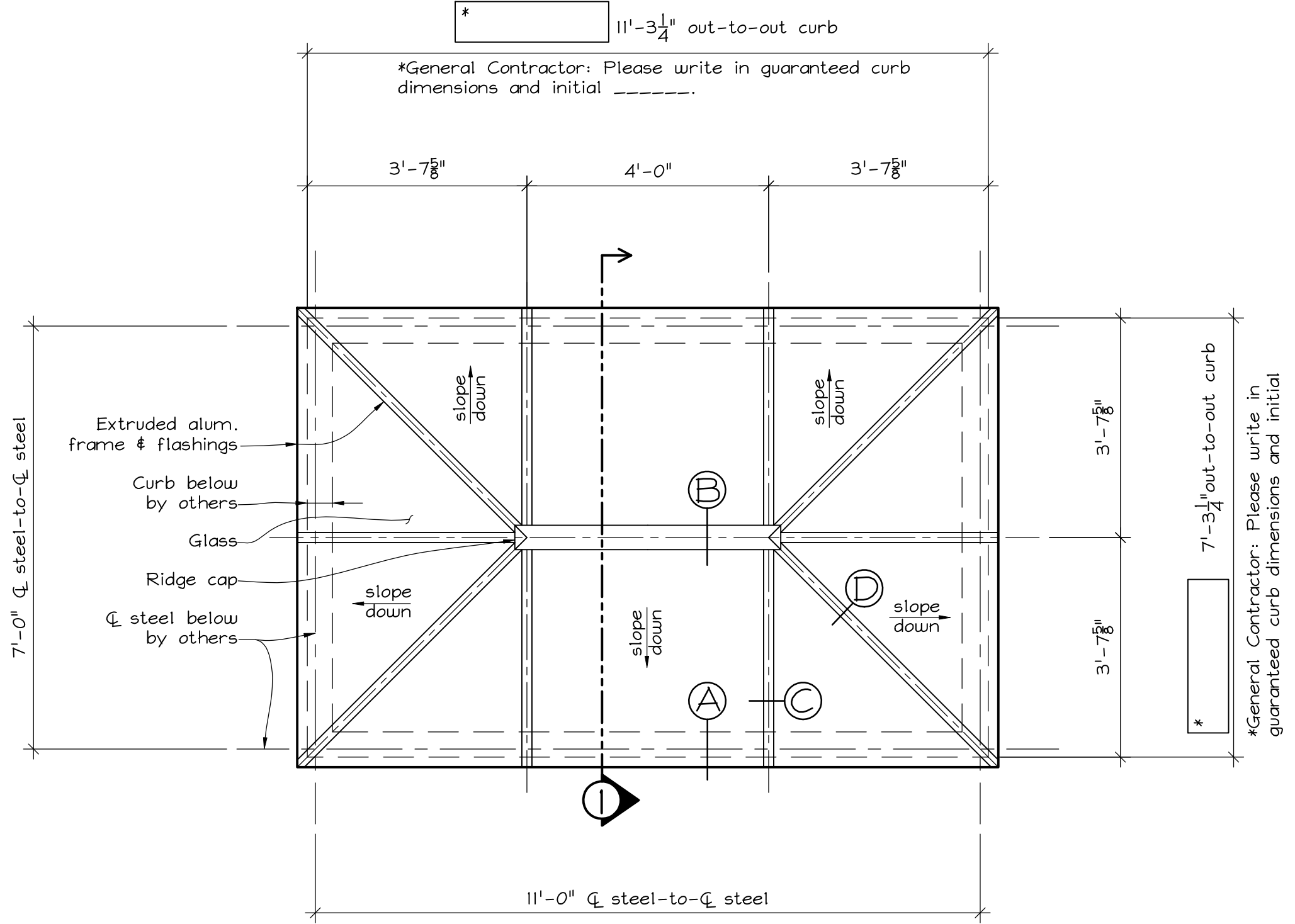
title \_\_\_\_\_

**INDEX:**

1. Title Page,  
Key Plan
2. Skylight Plan
3. Elevations
4. Cross-Section
5. Details



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 Issued:  
 6/18/13



### Skylight A Plan

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

Architect:  
Somerville Inc.  
2100 Riverside Dr.  
Green Bay, WI 54301

Project:  
Building HS Addition & Remodel  
PO Box 19042  
Green Bay, WI 54301

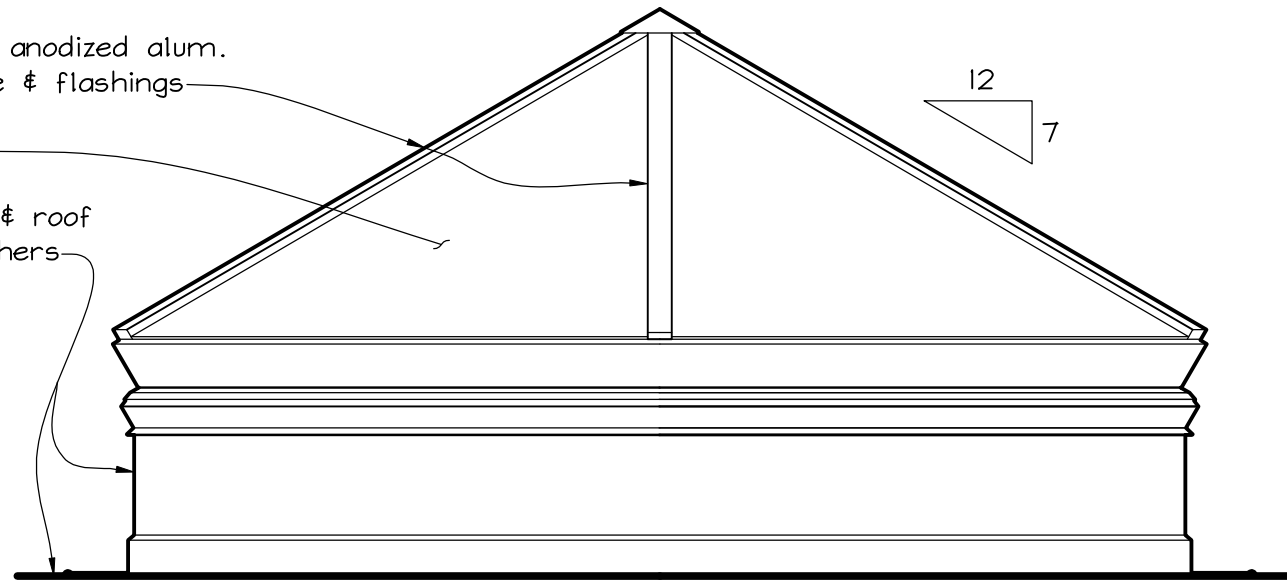
Manufacturer/Installer:  
**WISCONSIN SOLAR DESIGN**  
6349 Briarcliff Ln., Middleton, WI 53562

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Issued:  
6/18/13

Clear anodized alum.  
frame & flashings

Glass

Curb & roof  
by others



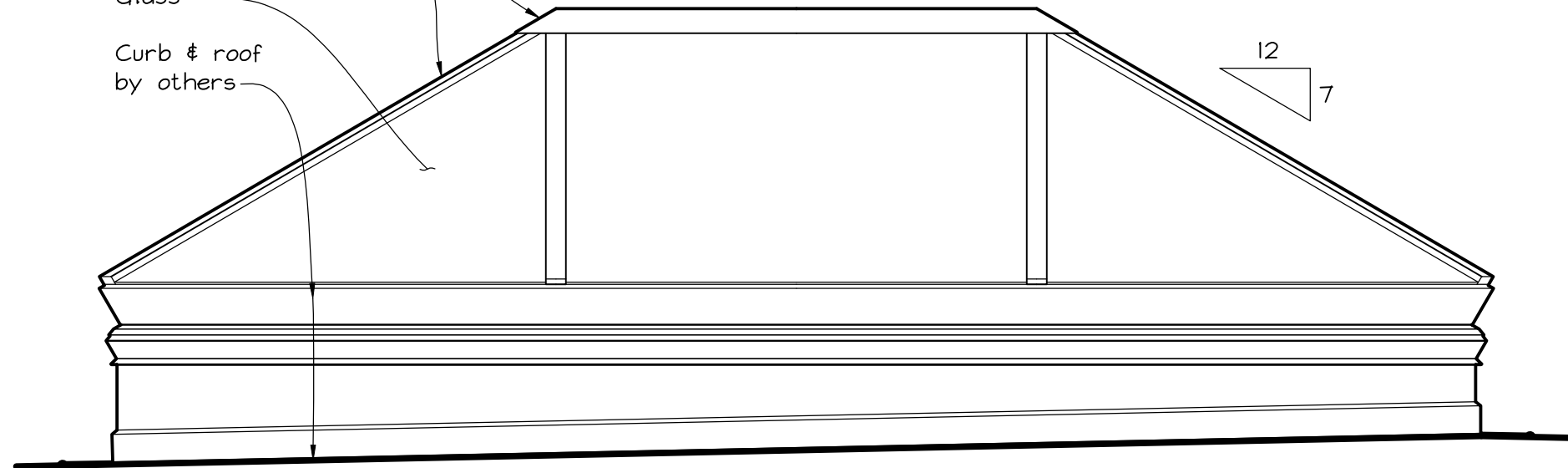
### End Elevation

Scale:  $\frac{3}{4}'' = 1'-0''$   
(2) thus

Clear anodized alum.  
frame & flashings

Glass

Curb & roof  
by others



### Side Elevation

Scale:  $\frac{3}{4}'' = 1'-0''$   
(1) thus, (1) opp.

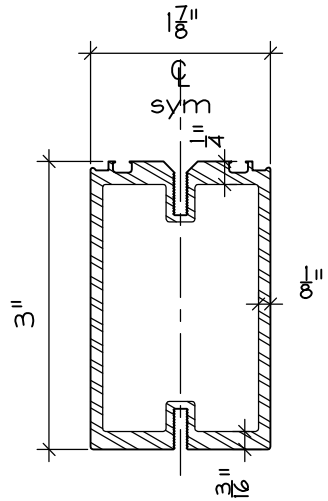
Manufacturer/Installer:  
**WISCONSIN SOLAR DESIGN**  
 6349 Briarcliff Ln., Middleton, WI 53562

Project:  
 Building HS Addition & Remodel  
 PO Box 19042  
 Green Bay, WI 54301

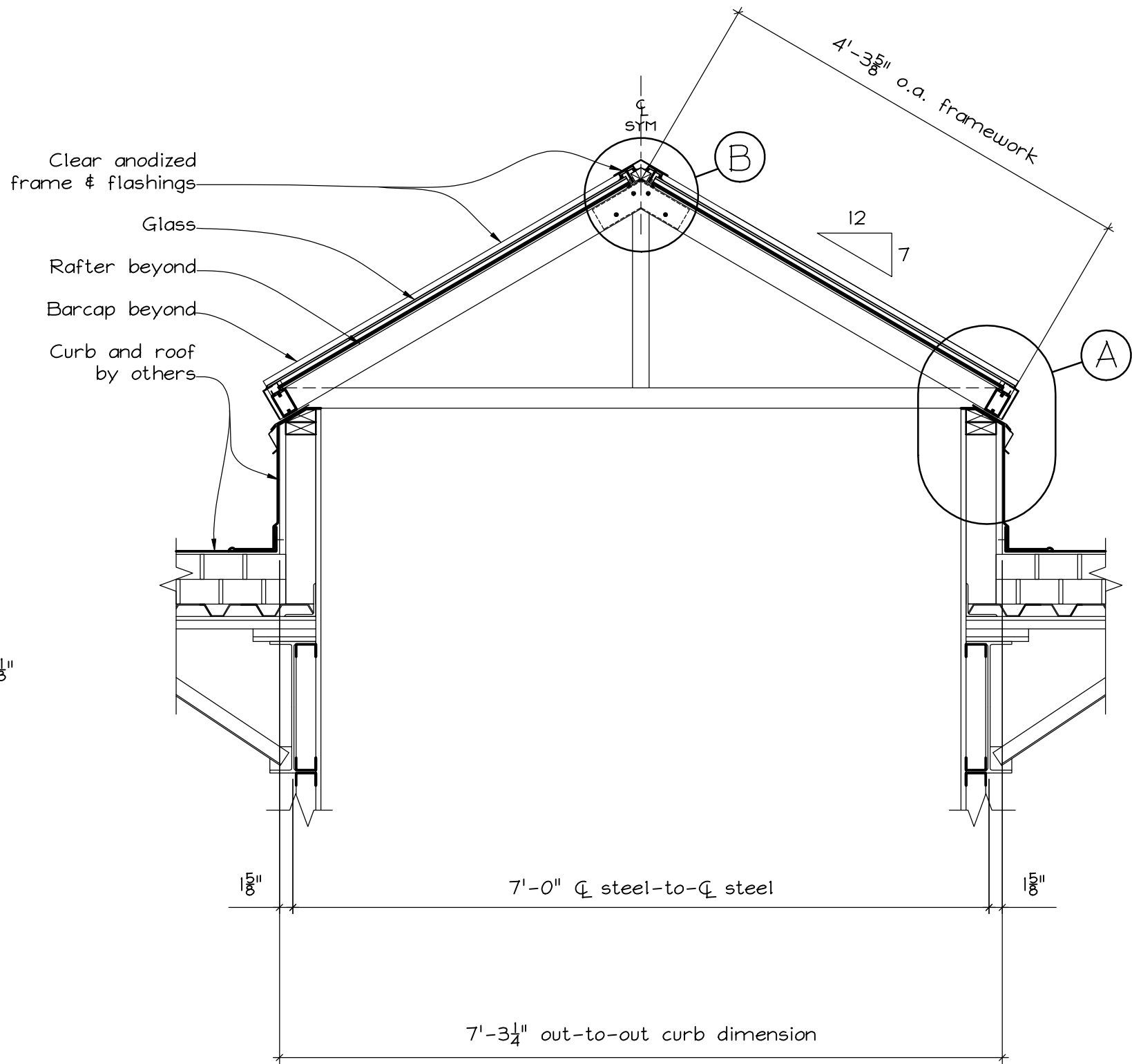
Architect:  
 Somerville Inc.  
 2100 Riverside Dr.  
 Green Bay, WI 54301

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Rafter Structural Properties	
Wgt/ft	= 1.762 #
A	= 3.77 in <sup>2</sup>
I <sub>x</sub>	= 1.832 in <sup>4</sup>
S <sub>x</sub>	= 1.218 in <sup>3</sup>



Rafter Properties  
Scale: 6" = 1'-0"



General Contractor: Please write in guaranteed dimensions noted thus \*  on page 2 and initial.

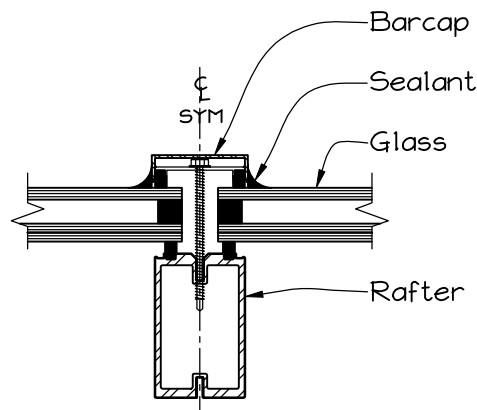
① Cross-Section  
Scale: 3/4" = 1'-0"

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

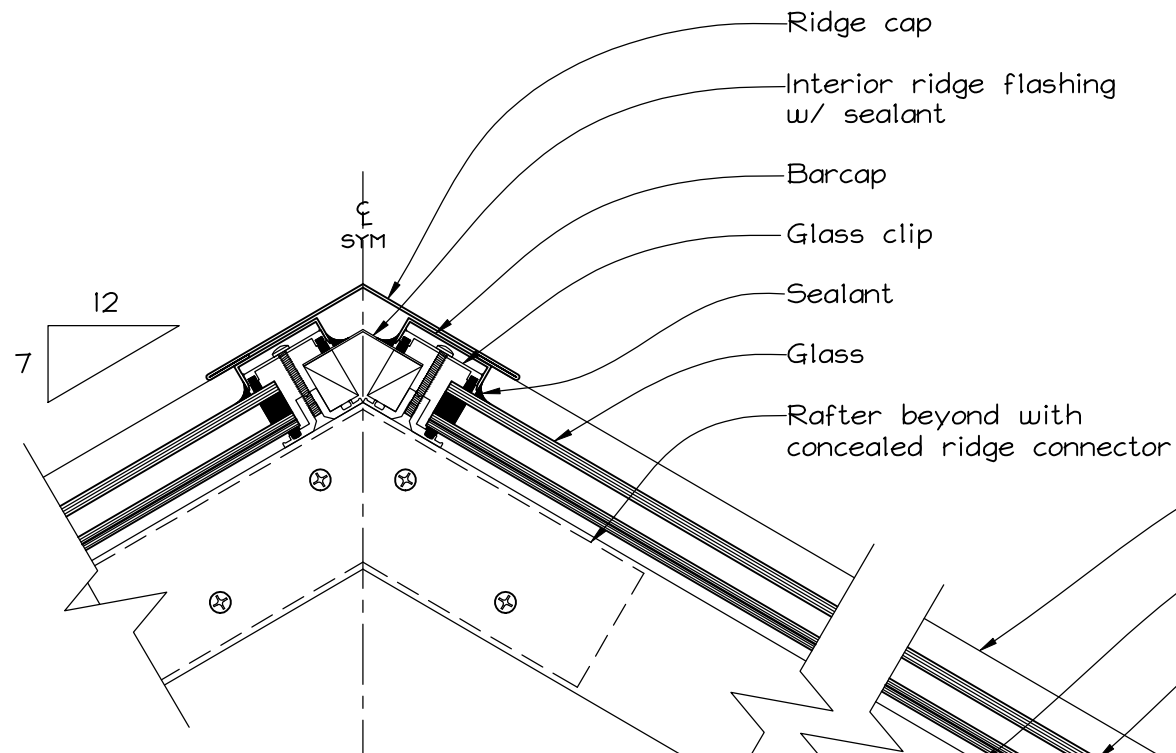
Project:  
Building HS Addition & Remodel  
PO Box 19042  
Green Bay, WI 54301

Architect:  
Somerville Inc.  
2100 Riverside Dr.  
Green Bay, WI 54301

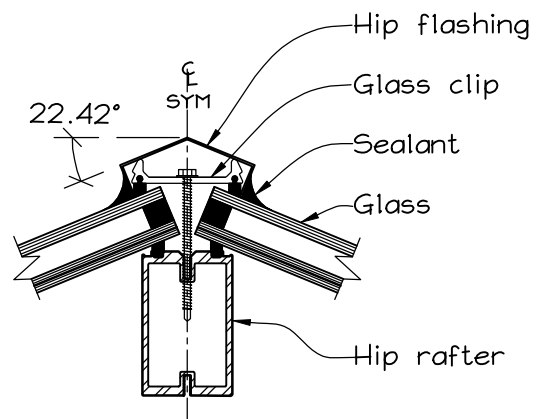
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6/18/13



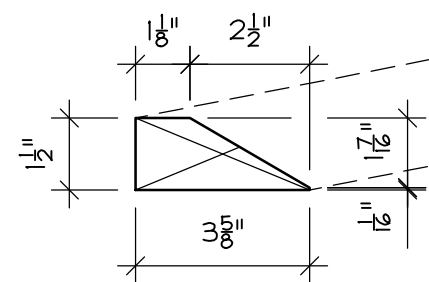
(C)  
**Rafter**  
Scale: 3"=1'-0"



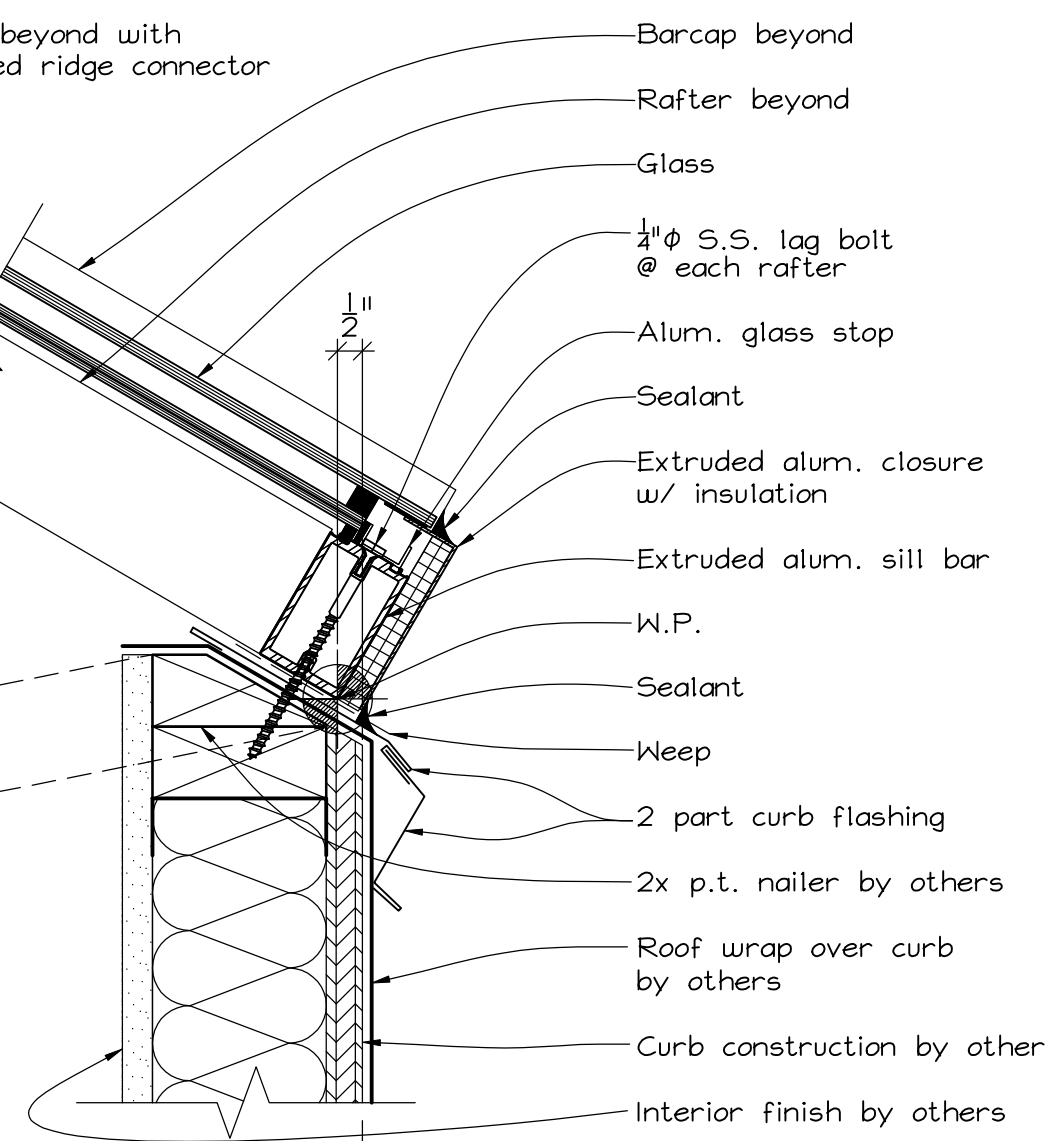
(B)  
**Ridge**  
Scale: 3"=1'-0"



(D)  
**Hip**  
Scale: 3"=1'-0"



G.C.: Please provide double 2x blocking with 7:12 chamfer @ all sides on the top plate.



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

7'-3 1/4" out-to-out curb

G.C.: Please write in guaranteed overall curb dimensions noted thus \* on page 2 and initial\_\_\_\_\_.

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Building HS Addition & Remodel  
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6/18/13