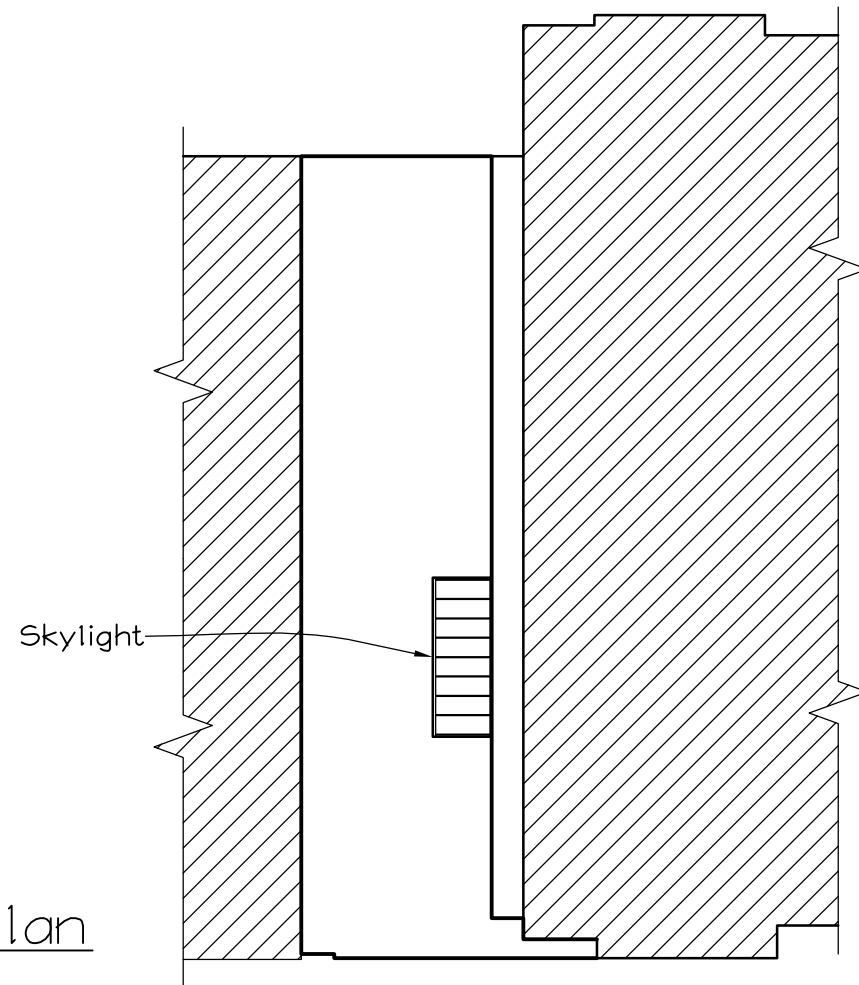


The Towers Addition-502 North Frances St., Madison, WI

Skylight Shop Drawings



Key Plan
NTS

Product Data for Section 08630-Metal-Framed Skylight:

Glazing: $\frac{1}{4}$ " grey tinted tempered outboard lite, low-E #2, $\frac{1}{2}$ " air space, over $\frac{3}{8}$ " clear HS laminated inboard lite with a clear .060" PVB interlayer; Viracon VRE 3-46 or equal.

Finish: Extruded aluminum frame & matching flashings shall have a black anodized finish, color samples submitted separately.

Installer Qualification: The skylights will be installed by full-time employees of Wisconsin Solar Design, Inc, skylight manufacturer.

Warranty: (10) years on design, material, construction, leakage and glass, (20) years on finish.

Design Loadings: Concentrated Load= 250 lbs. PWL= 15psf. NWL = 50psf. GSL= 30psf. DL= L/175. The WSD skylight system is certified by Fred Holtzman, PE, Structural Engineer for Wisconsin Solar Design Inc., to comply with performance requirements and design criteria and to be structurally adequate as detailed herein.

Glazing Sealant: Dow Corning 795 Silicone, black. No structural glazing adhesive is used herein.

Air/Water Infiltration: Test reports have been uploaded to <http://wisconsinsolar design.com/manuals/AIRANDWA>. Testing in accordance with AAMA 501.2 will be performed on the completed and glazed skylight with report to follow.

NOTES:

1. Wisconsin Solar Design will field verify curb dimensions prior to commencing skylight fabrication.
2. Please provide 2x chamfered blocking at top of curb at east and west sides. Blocking at north and south sides will not be chamfered. See details page 4 and 5.
3. Wisconsin Solar Design requires unrestricted site access form 7:00 AM to 7:00 PM for skylight installation.

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.

Design-Build: Iconica

name _____

title _____

date _____

Manufacturer/Installer:

WISCONSIN SOLAR DESIGN



6349 Briarcliff Ln., Middleton, WI 53562

Project:

The Towers Addition
502 N. Frances St.
Madison, WI 53703

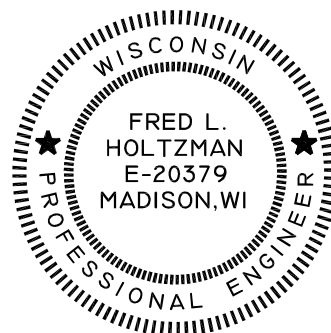
Design-Build:

Iconica
901 Deming Way
Madison, WI 53717

1 of 5
Issued:
5/13/16

INDEX:

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

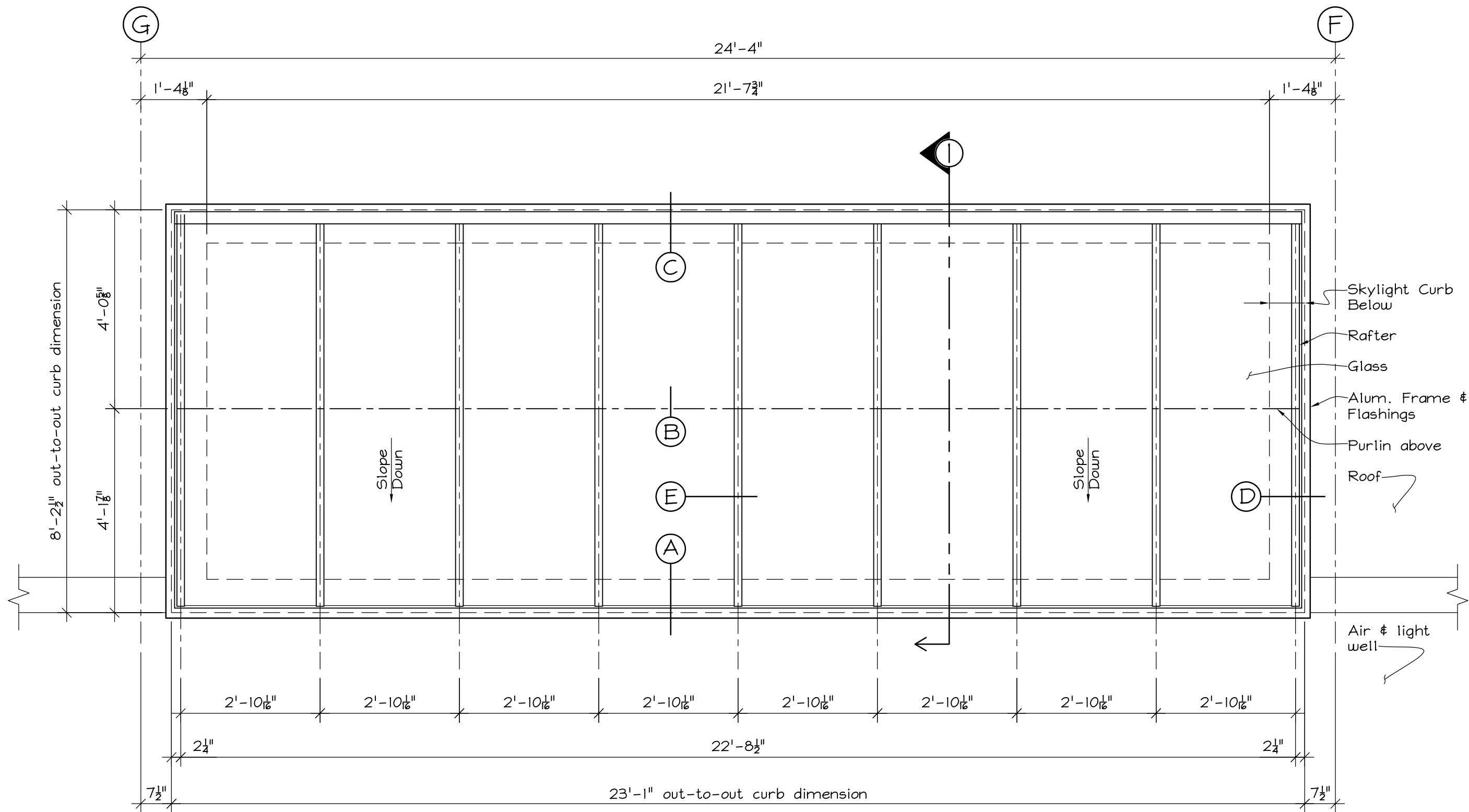


OWNER:

M & A Real State Partners
10990 Wilshire Blvd., #1220
Los Angeles, CA 90024

Design-Build:

Iconica
901 Deming Way
Madison, WI 53717



Plan



Skylight Plan

(1) thus

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

Manufacturer/Installer:

WISCONSIN SOLAR DESIGN

6349 Briarcliff Ln., Middleton, WI 53562

Project:

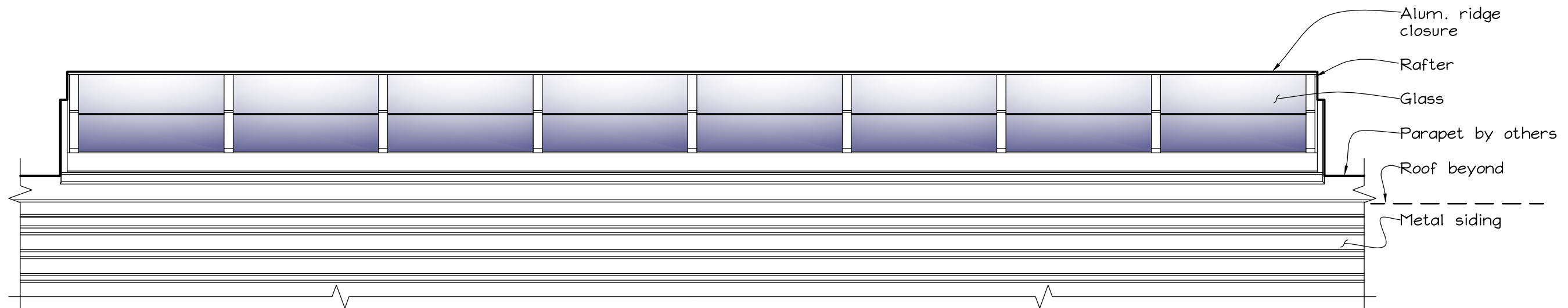
The Towers Addition
502 N. Frances St.
Madison, WI 53703

Design-Build:

Iconica
901 Deming Way
Madison, WI 53717

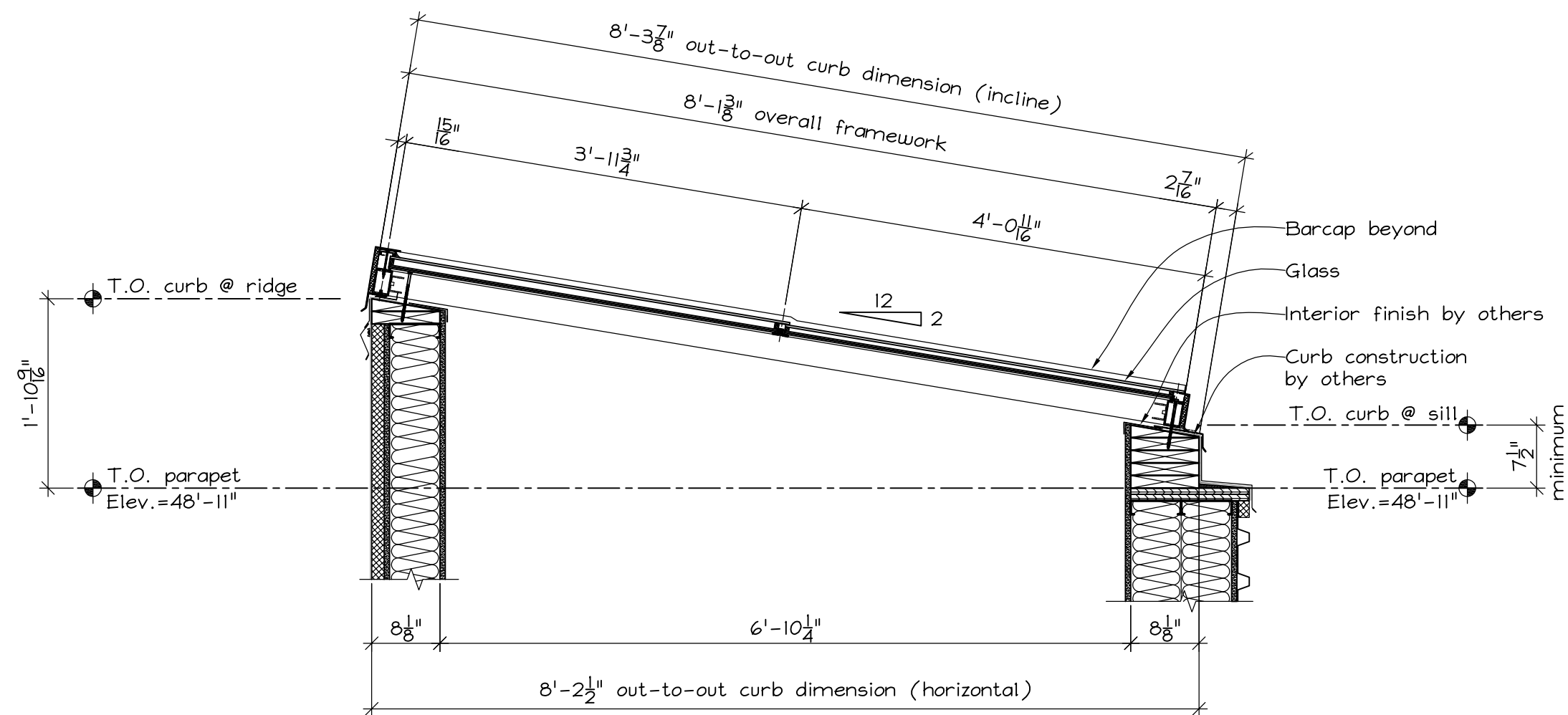
2 of 5

Issued:
5/13/16



East Elevation

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



① Cross-Section

Scale: $\frac{3}{4}" = 1'-0"$

Manufacturer/Installer:

WISCONSIN SOLAR DESIGN



6349 Briarcliff Ln., Middleton, WI 53562

Project:

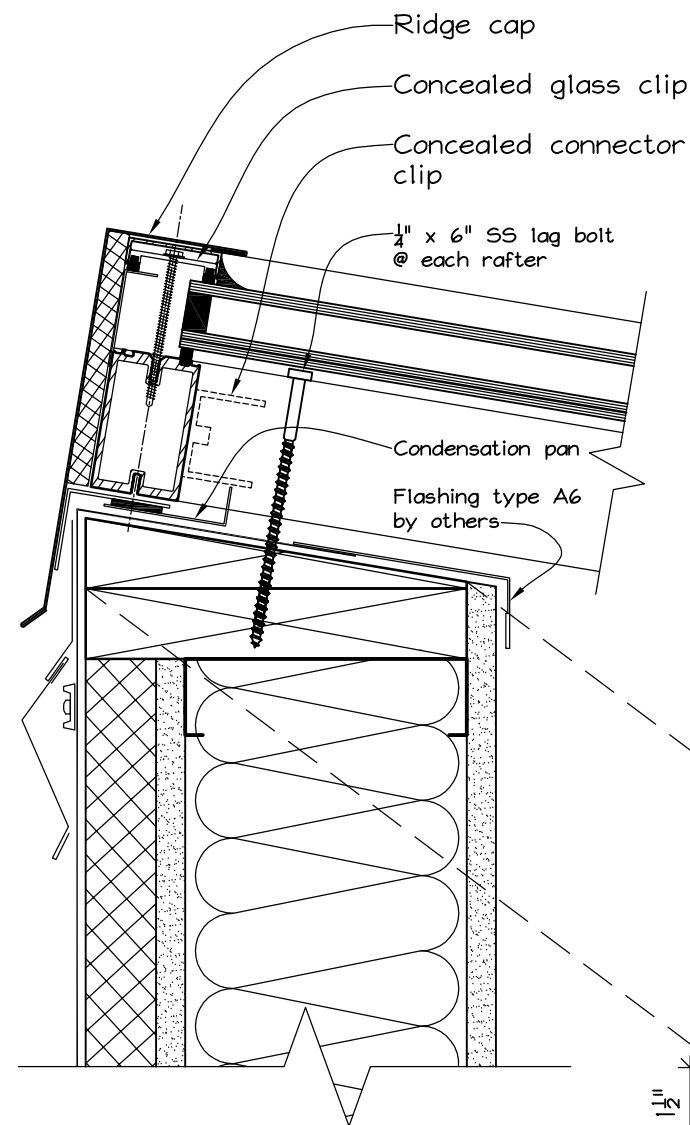
The Towers Addition
502 N. Frances St.
Madison, WI 53703

Design-Build:

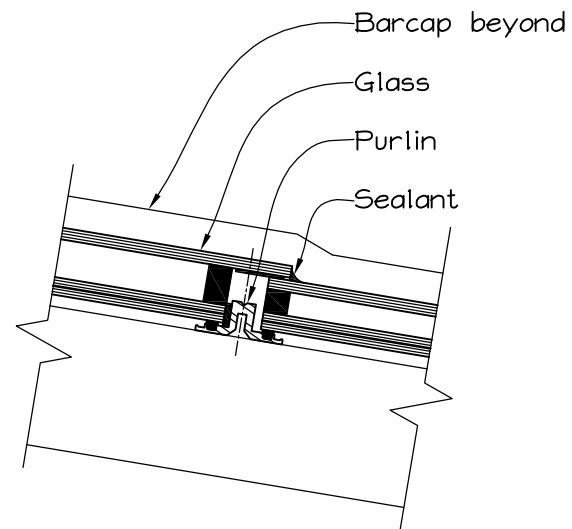
Iconica
901 Deming Way
Madison, WI 53717

3 of 5

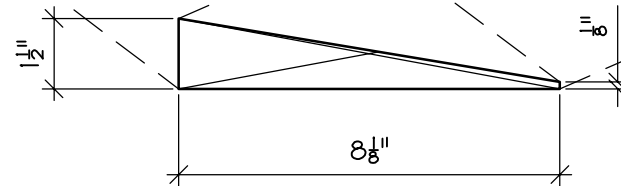
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5/13/16



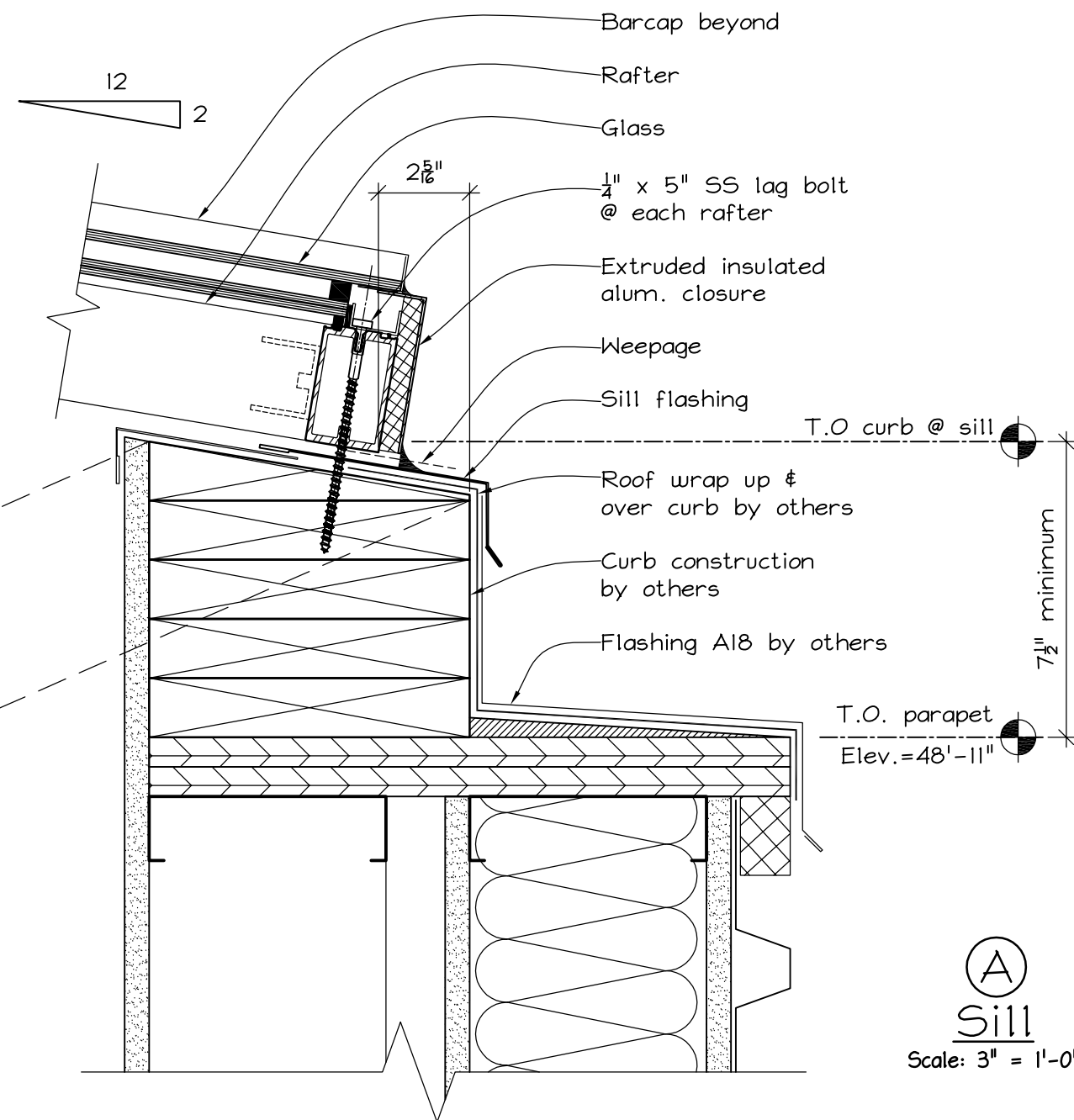
©
Ridge
Scale: 3" = 1'-0"



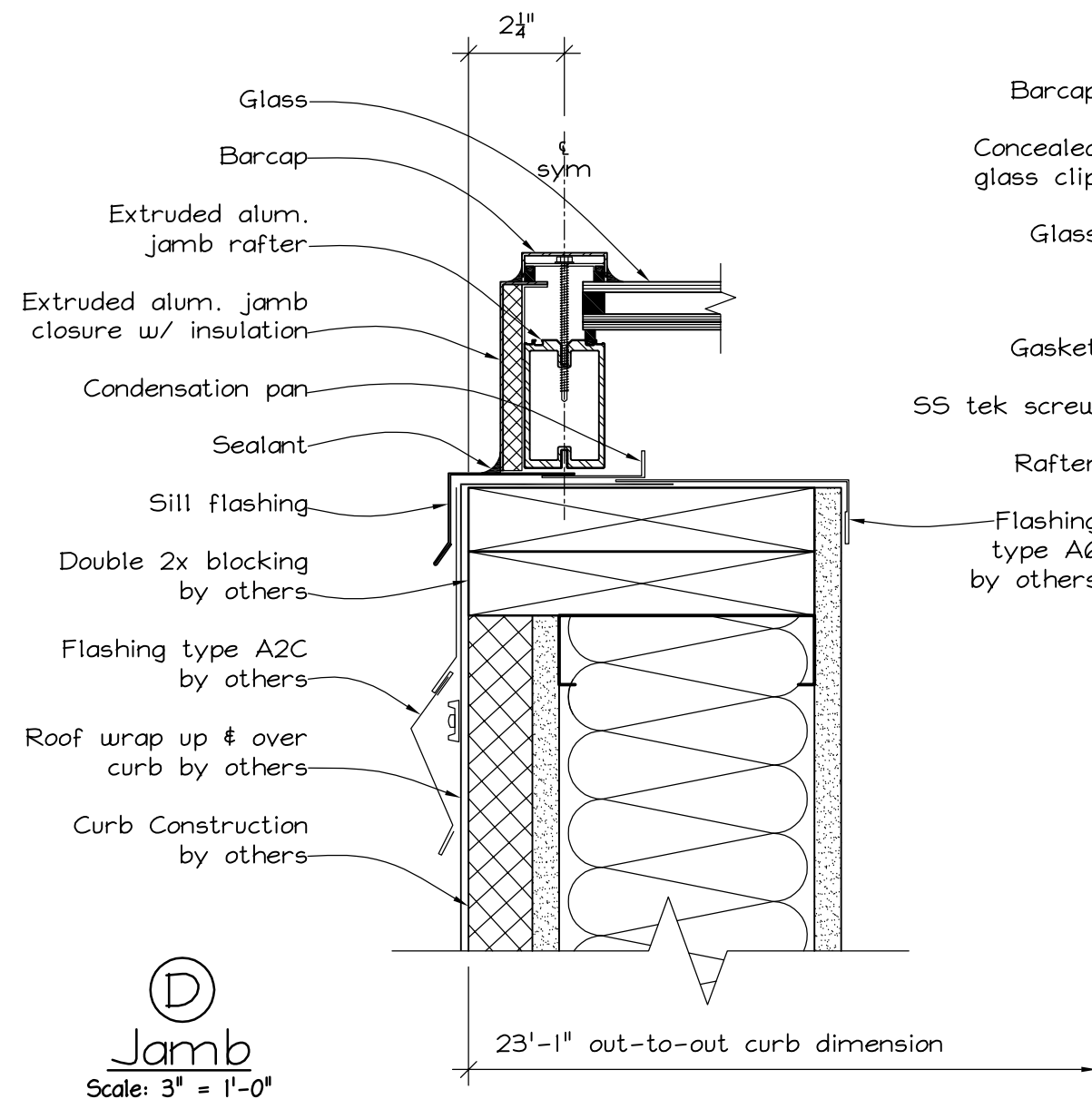
Ⓑ
Purlin
Scale: 3" = 1'-0"



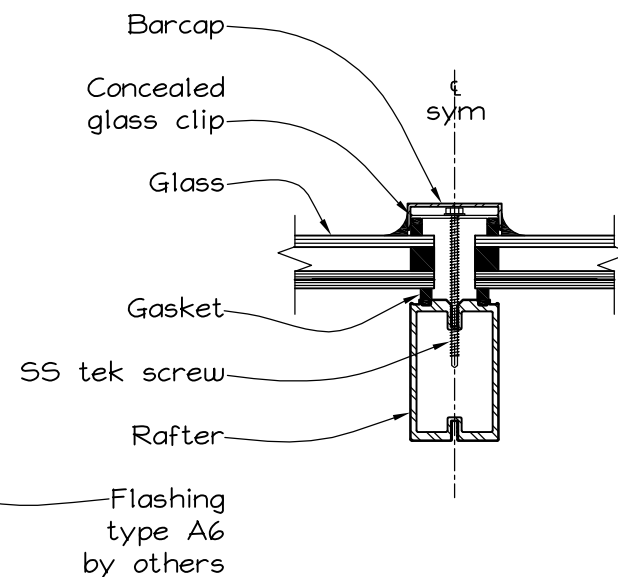
G.C.: Please provide
chamfered top plate with a
9.46° pitch at sill and ridge
of curb.



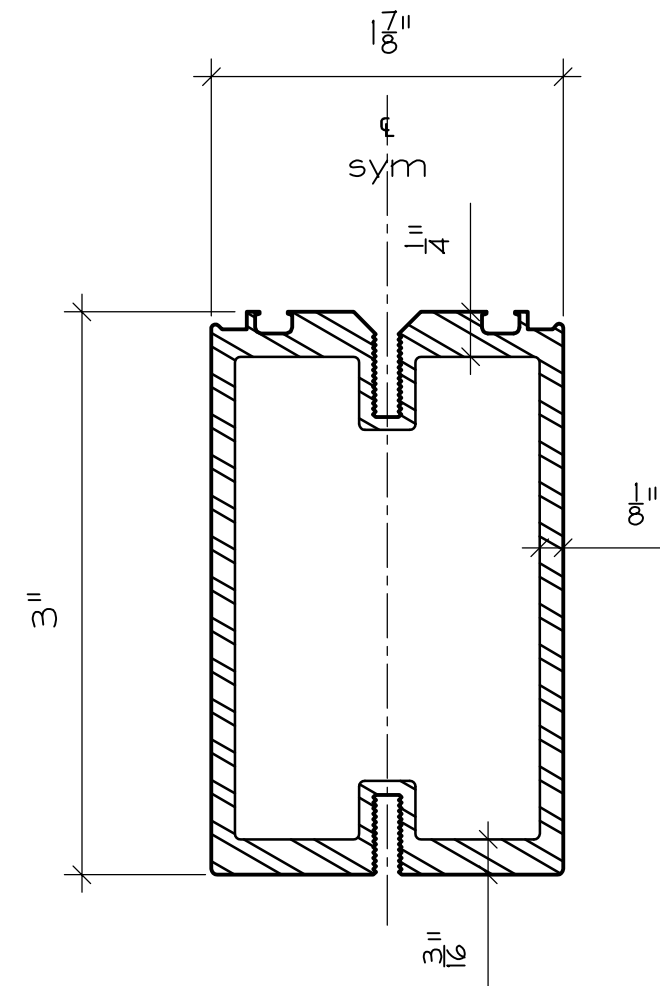
Ⓐ
Sill
Scale: 3" = 1'-0"



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



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



(F)
Rafter Properties
Full Scale:

Rafter Structural Properties	
Wgt/ft	= 1.762 #
A	= 3.77 in ²
Ix	= 1.832 in ⁴
Sx	= 1.218 in ³