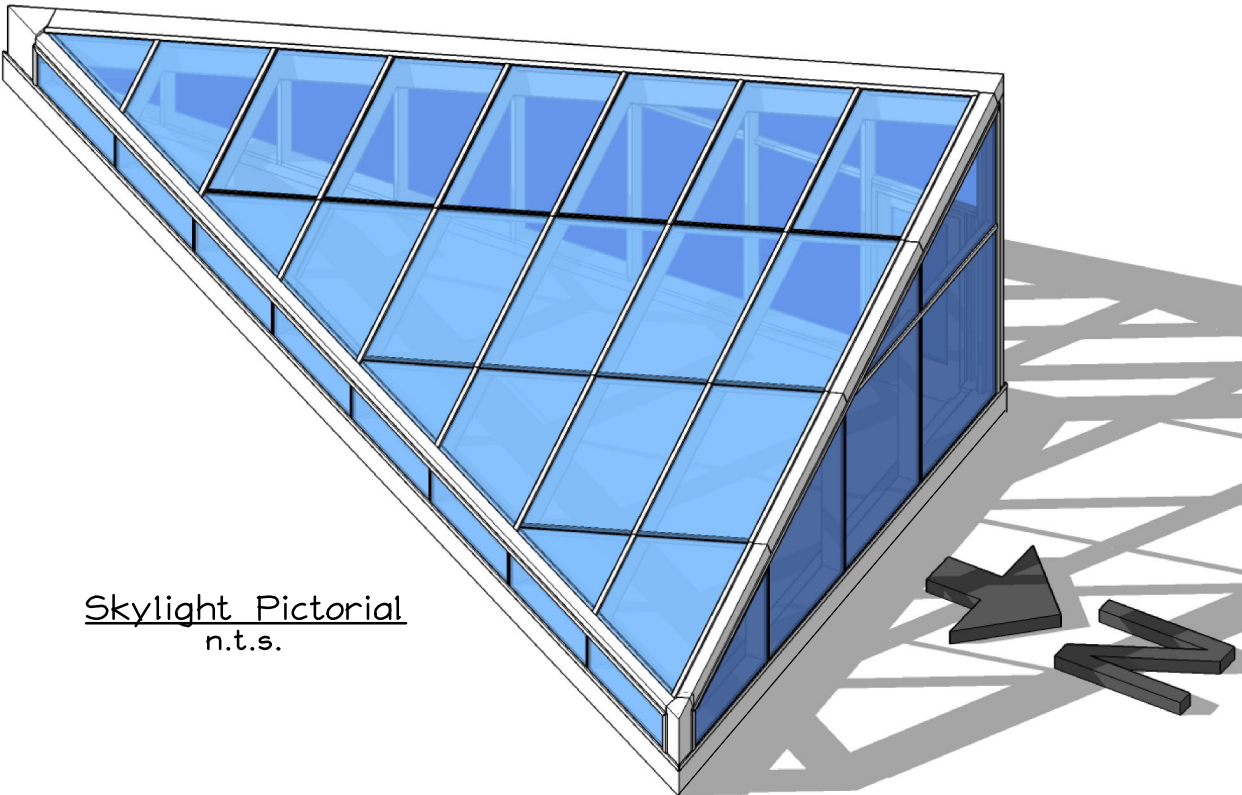


Wisconsin Institutes for Medical Research-Center Tower
1111 Highland Ave, Madison, WI 53705
REVISED Shop Drawings for Metal Framed Skylights-Section 08 63 00

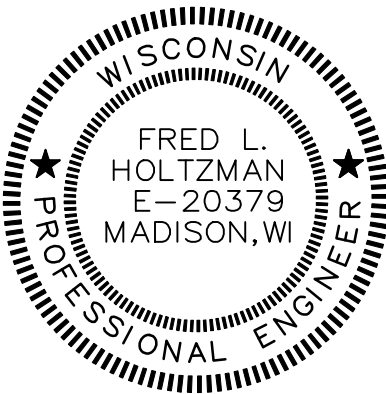


Skylight Pictorial
n.t.s.

OWNER:
The State of Wisconsin
Department of Administration
Division of State Facilities
State of Wisconsin Administration Building
101 East Wilson Street - P.O. Box 7866
Madison, WI 53707

GENERAL CONTRACTOR:
The Boldt Company
660 John Nolen Dr,
Suite 120
Madison, WI 53713

- PRODUCT DATA:
1. This submittal for a redesigned skylight supercedes shop drawings submitted 8-07-13.
 2. INSULATED SLOPED GLASS: $\frac{1}{4}$ " clear tempered w/ PPG Solarban 70 XL low-E #2, $\frac{1}{2}$ " airspace over $\frac{9}{16}$ " clear laminated glass inner lite with .060" PVB interlayer. INSULATED WALL GLASS: $\frac{1}{4}$ " clear tempered w/ Solarban 70 XL #2, $\frac{1}{2}$ " airspace, over $\frac{1}{4}$ " clear tempered. Samples previously approved.
 3. Finish: The extruded aluminum framework and flashings have a 70% Kynar 500 base fluoropolymer finish. Color to match PPG Argon white. Samples previously approved.
 4. Door: wide stile, 36"x84" with 10" bottom rail, 1-1/2 pair hinges, latch-lock w/ paddle, surface mounted closure, push/pull set, electric strike (for card reader by others), threshold and cover plate for CMU wall.
 5. Sealant: Dow Corning 795 Silicone, data attached (2 pages).
 6. Warranty: (10) years on design, material, construction, insulated glass and leakage. Sample warranty previously approved.
 7. Design: Structural calculations provided under separate cover.
 8. Product Test Reports: Thermal, water and air tests may be viewed online at www.wisconsinsolar.design.com/skylightspecs.html.
 9. Installer Certification: Installers are full time employees of WSD and are certified by the manufacturer.



- INDEX:
1. Title Page
 2. Roof Plan
 3. Skylight Plan
 4. Elevations
 5. Elevation, Cross-Section
 6. Details
 7. Details
 8. Details
 9. Details
 10. Details
 11. Details

Drawings prepared by: Jorge Medina, Jeff Smith, WSD

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: Zimmerman Architectural Studios
General Contractor: The Boldt Company

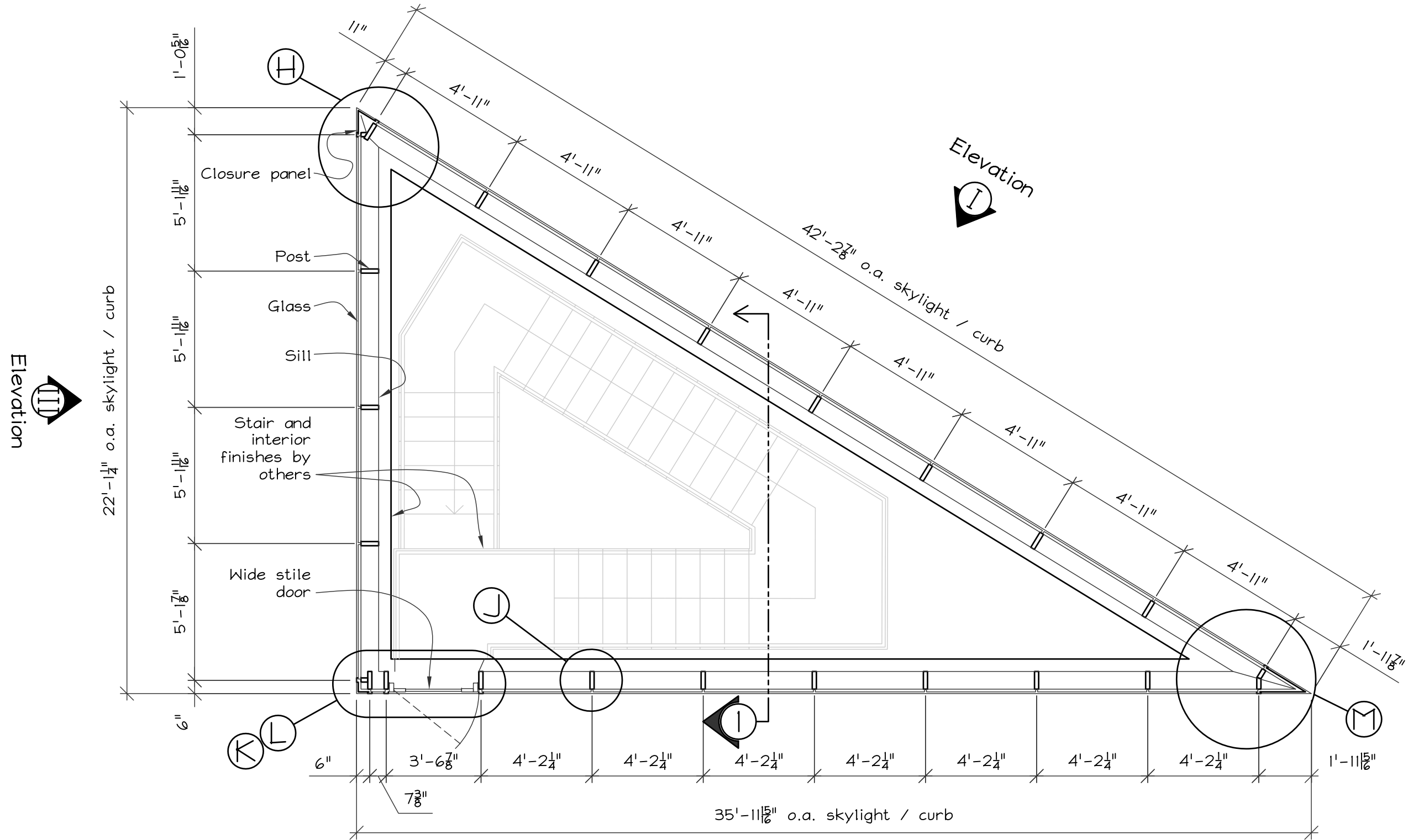
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name (printed) _____ name (printed) _____
title _____ date _____ title _____ date _____

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

Project:
Wisconsin Institute for
Medical Research
901 Woodrow Drive
Madison, WI 53711

Architect:
Zimmerman Architectural
Studios
2122 West Mt. Vernon Ave.
Milwaukee, WI 53233

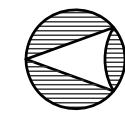
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Elevation

Roof Plan

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



Project
North

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Elevation
III

22'-1 $\frac{1}{4}$ " o.a. skylight / curb

Closure panel
Barcap
Glass
Purlin below
Ridge closure

G

F

C

slope
down

A

Elevation
I
42'-2 $\frac{7}{8}$ " o.a. skylight / curb

7 $\frac{3}{16}$ "

4'-2 $\frac{1}{4}$ "

4'-2 $\frac{1}{4}$ "

4'-2 $\frac{1}{4}$ "

4'-2 $\frac{1}{4}$ "

4'-2 $\frac{1}{4}$ "

4'-2 $\frac{1}{4}$ "

4'-2 $\frac{1}{4}$ "

4'-0 $\frac{1}{16}$ "

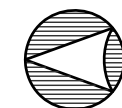
2'-0 $\frac{1}{8}$ "

35'-11 $\frac{5}{16}$ " o.a. skylight / curb

Elevation
II

Skylight Plan

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



Project
North

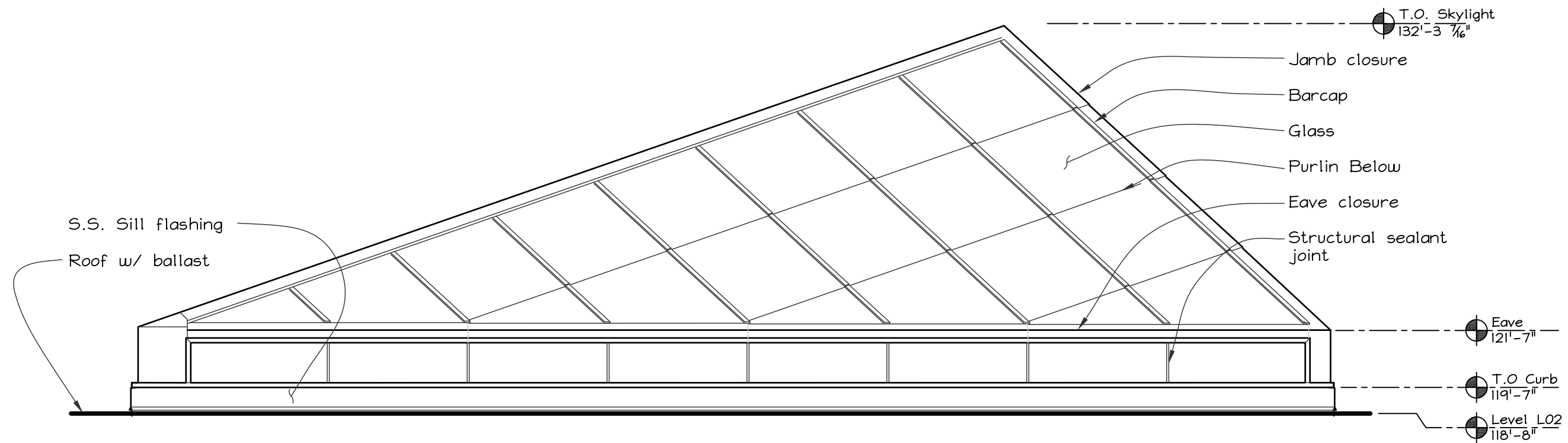
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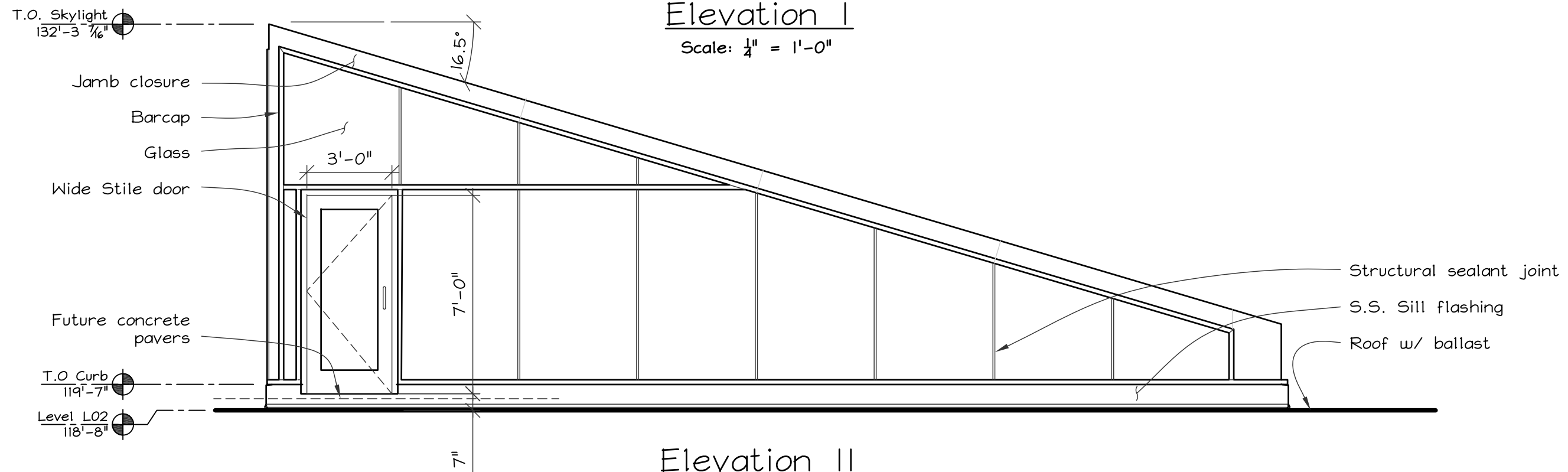
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Elevation I

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



Elevation II

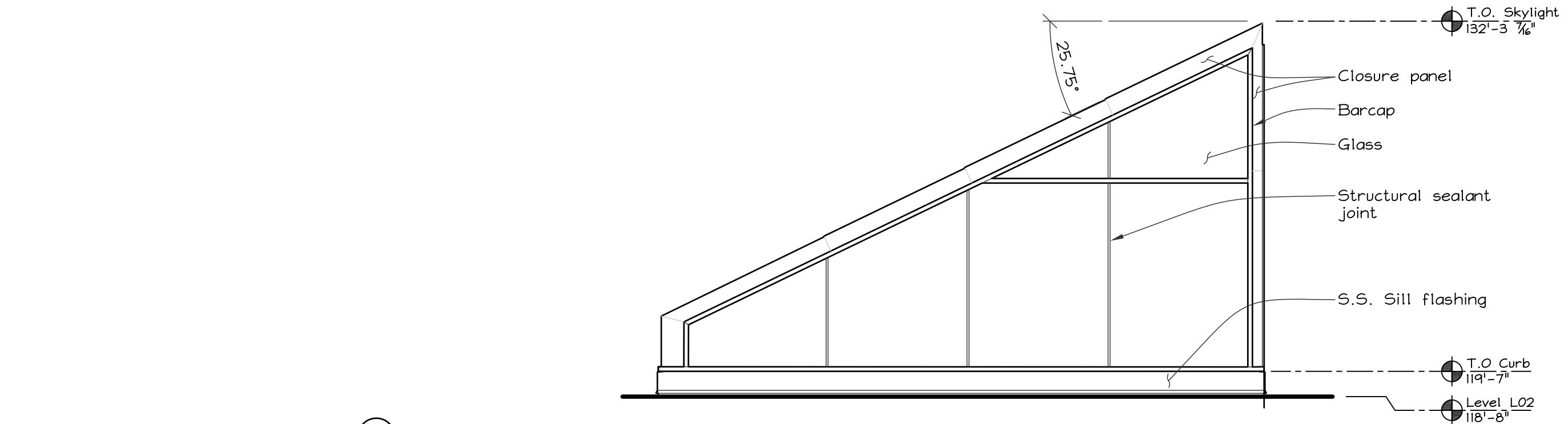
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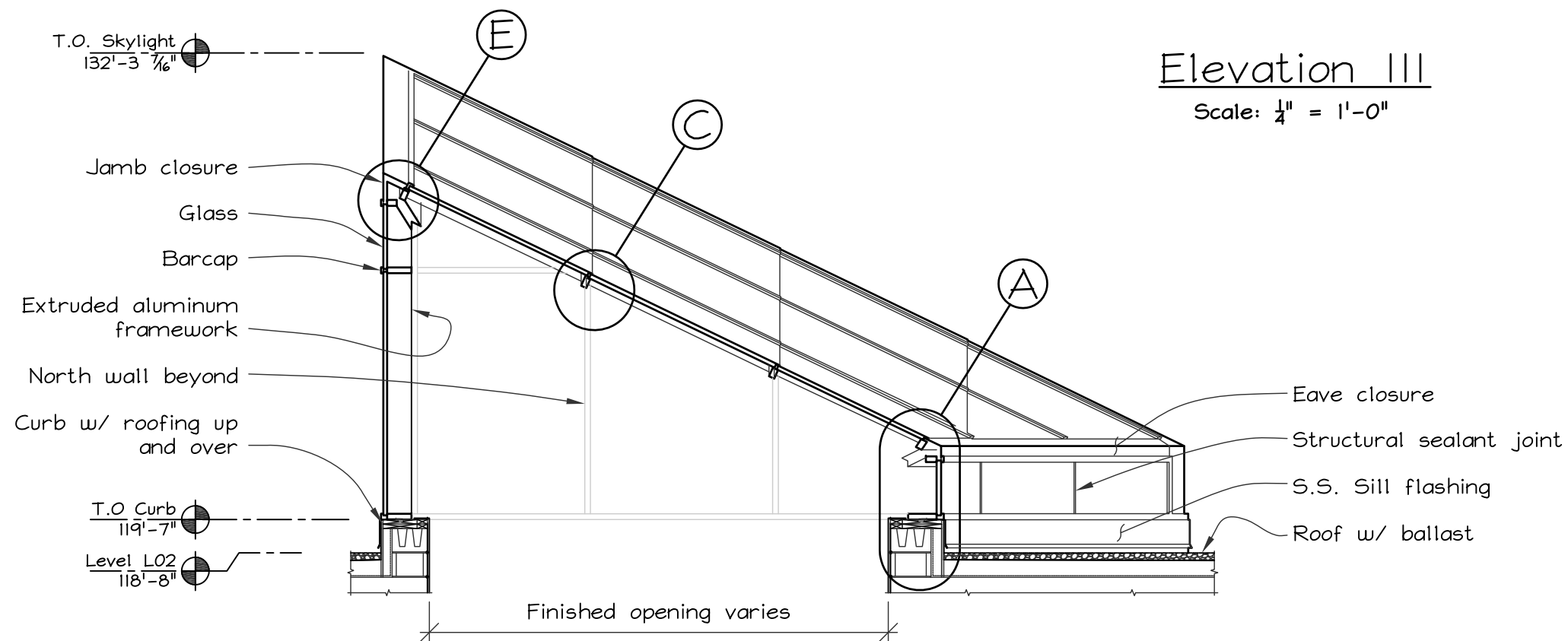
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Elevation III

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



Cross-Section I

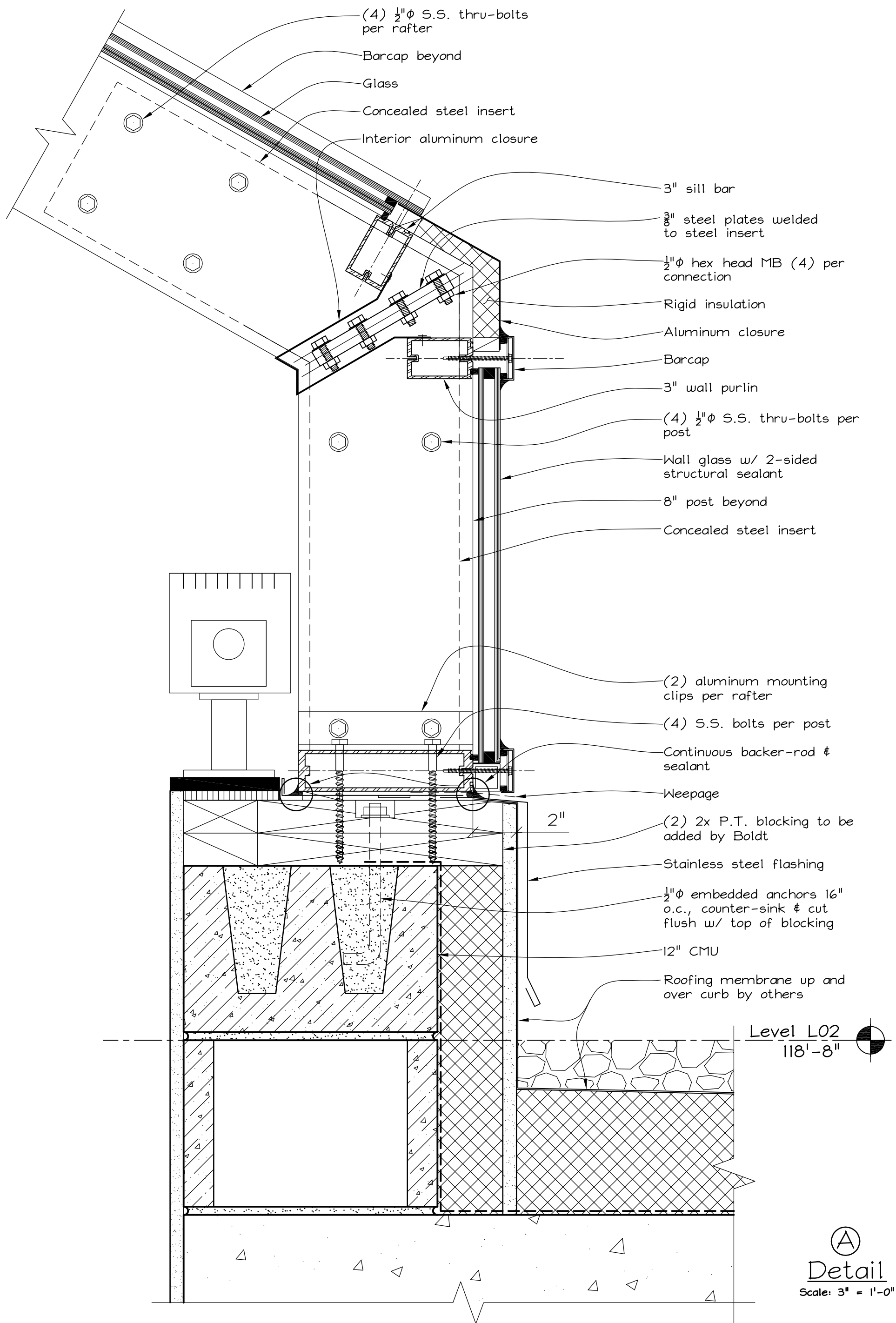
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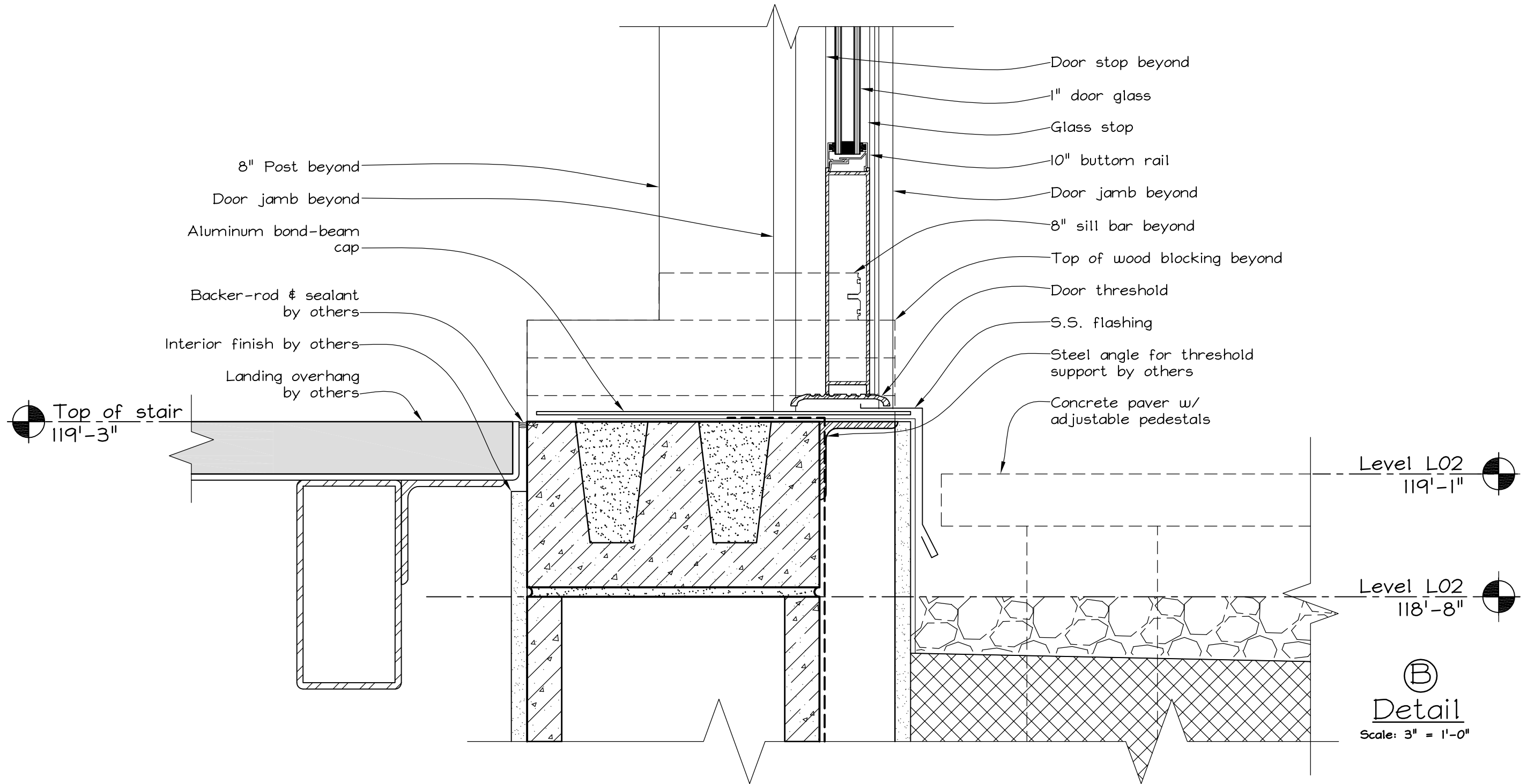
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Exterior aluminum ridge closure (argon white finish)

Rigid insulation

Interior ridge closure

$\frac{1}{2}$ " ϕ hex head MB (4) per connection

$\frac{3}{8}$ " steel plates welded to steel insert

Sealant

Aluminum spacer block

3" purlin

Concealed steel insert w/ (4) $\frac{1}{2}$ " ϕ S.S. thru-bolts

8" post beyond

1" wall glass

Ⓔ

Detail

Scale: 3" = 1'-0"

3" door header

Sealant

Barcap

Door drip

Spacer shim

Door head

6" top door rail

Door frame beyond

Door stop

Door glass stop

1" Door glass

Barcap

3" ridge purlin

Glass

Concealed steel insert

$\frac{1}{2}$ " ϕ S.S. thru-bolts

Rafter beyond

Barcap beyond

Rafter beyond

Aluminum riser

Glass stop

Stepped roof glass

Roof purlin

Ⓒ

Detail

Scale: 3" = 1'-0"

Ⓓ

Detail

Scale: 3" = 1'-0"

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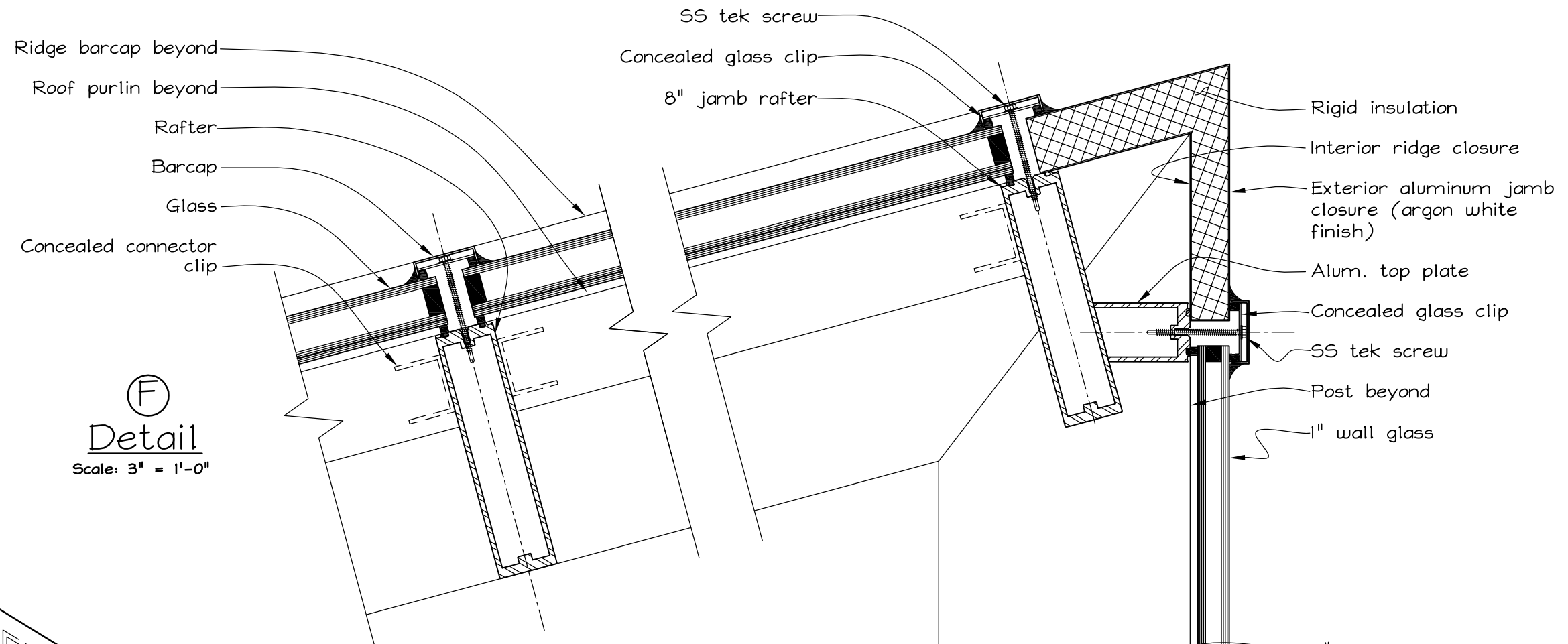
Studios

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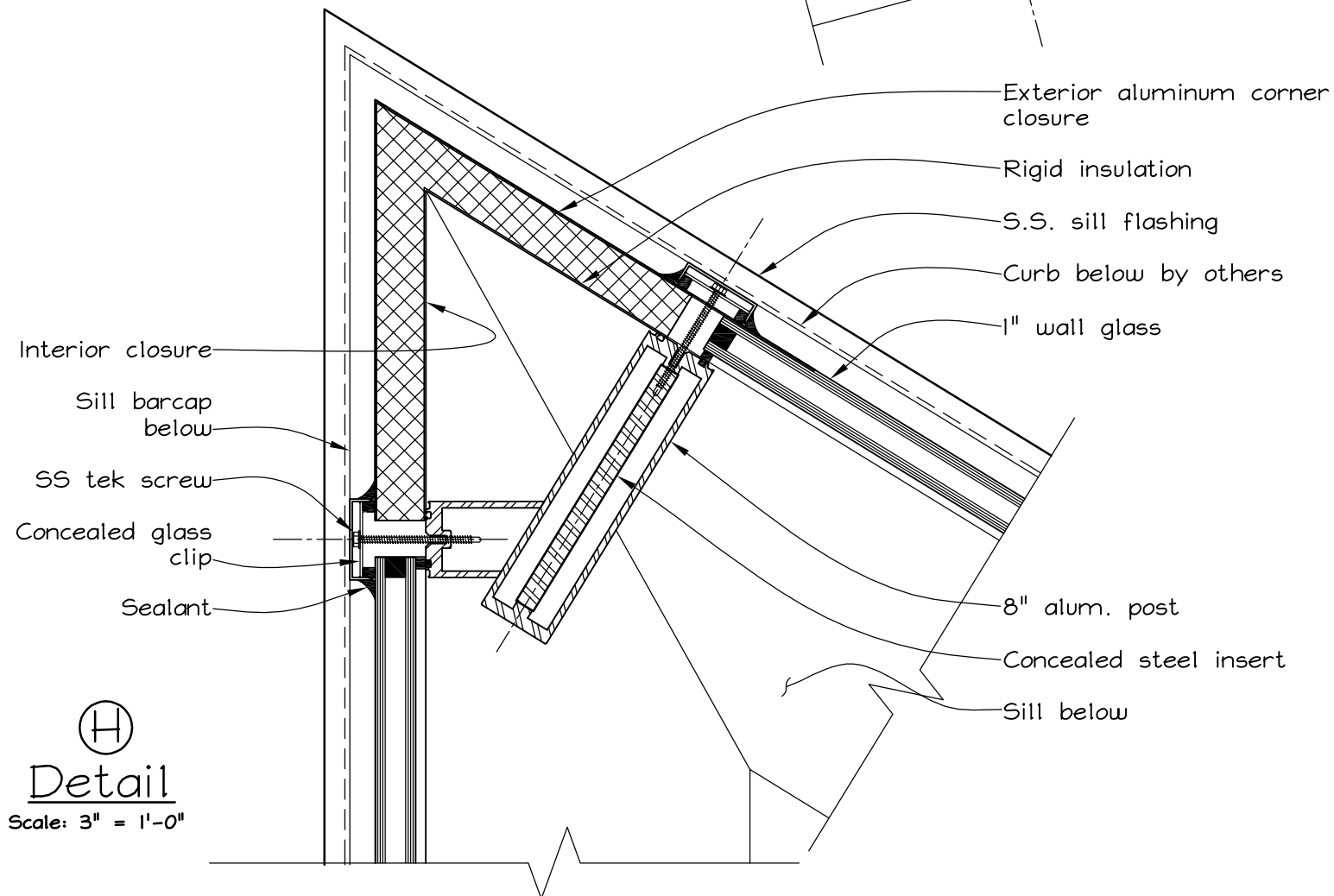
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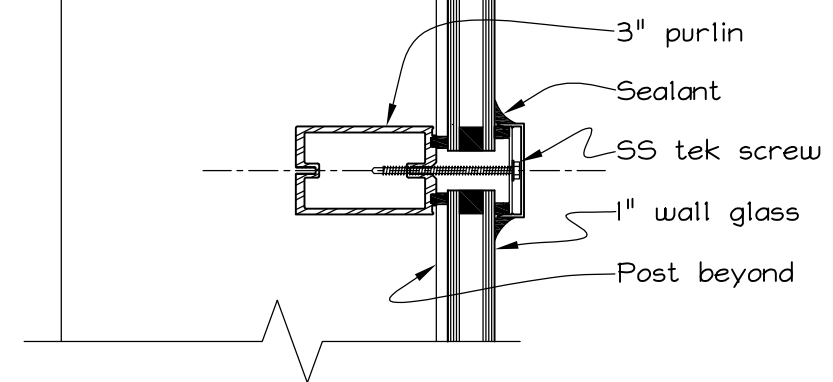
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Ⓕ
Detail
Scale: 3" = 1'-0"



Ⓖ
Detail
Scale: 3" = 1'-0"



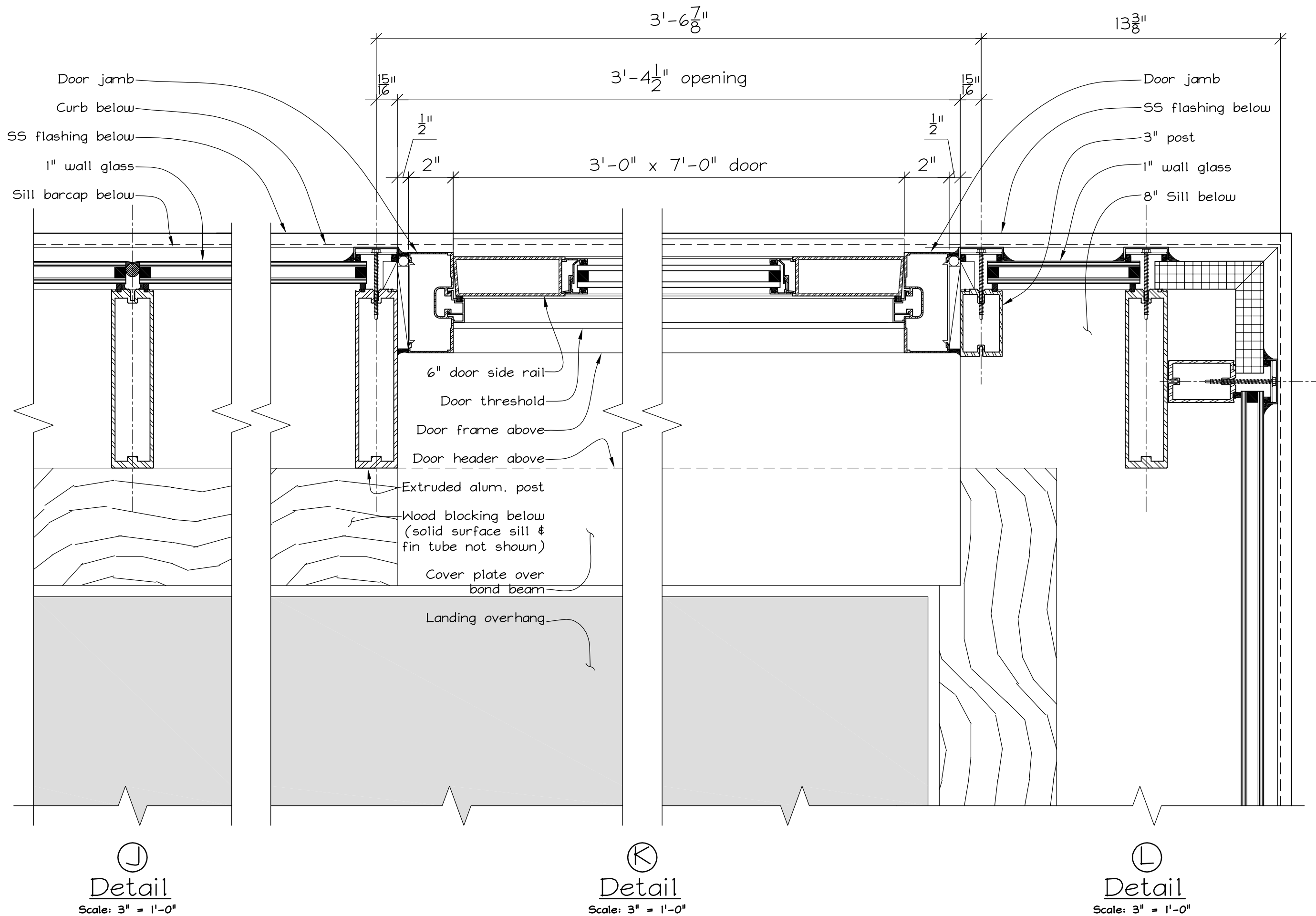
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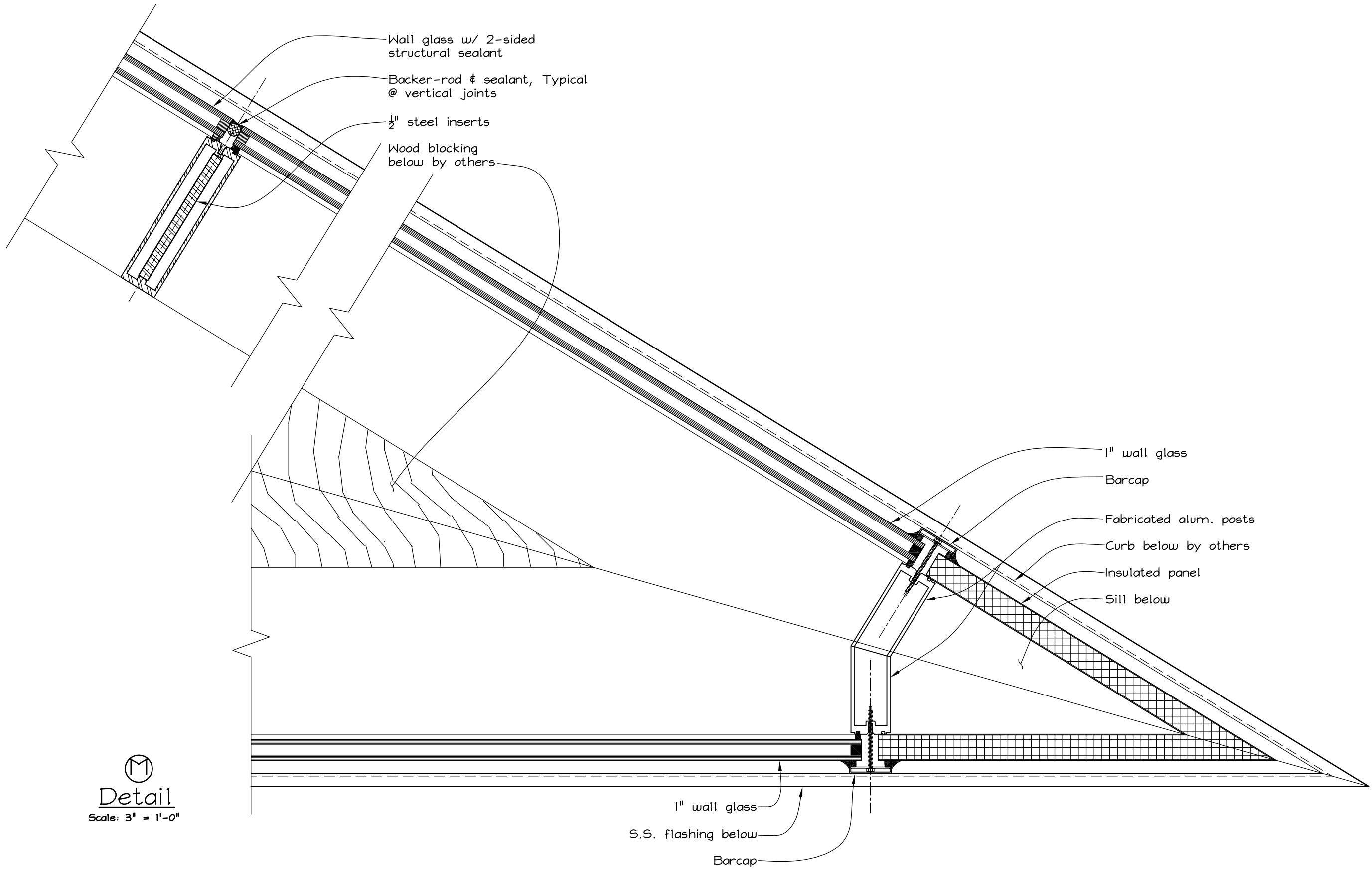


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