

West High School, Madison, WI Shop Drawings for Replacement Skylights

PRODUCT DATA

INSULATED GLASS: ¼" clear tempered Solarban 60 #2 outboard over ¾" clear HS laminated inboard with PVB interlayer, low-E #2, 1 1/8" overall.

FINISH: Class 1 Clear anodized framework and components.

WARRANTY: 2 year workmanship warranty (including leakage), five year full warranty against glass seal failure.

SCOPE OF WORK: Removal, disposal and replacement of (6) skylights.

MANUFACTURER: Wisconsin Solar Design Inc, Middleton, WI

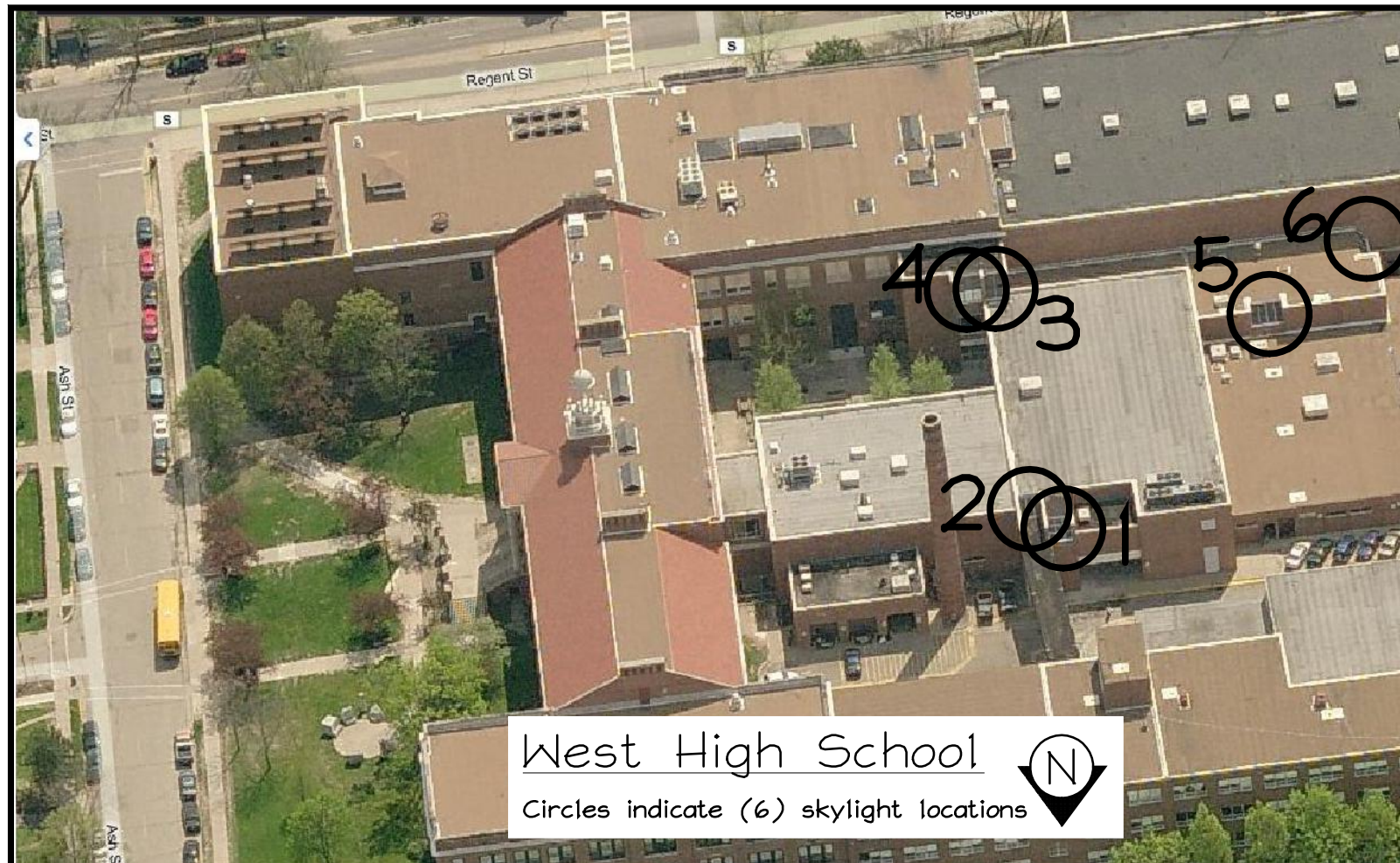
NOTES to C.M.:

1. Dimensions and details herein are preliminary. Due to the variety of sizes and boundary conditions, additional site visits will be needed to establish final dimensions and detailing before fabrication. One typical skylight is shown on these drawings.
2. Suspended ceiling adjacent to skylights will be carefully detached and set aside. Re-fitting the ceiling to the skylights after installation is outside the scope of our work (by others).

INDEX:

1. Title page, Data
2. Typical Skylight Plan
3. Cross Section & Elevation
4. Details
5. Details

Preliminary Skylight Dimensions Measured at Interior			
No.	Location	Width	Height (along slope)
1	Stairway A	7'-11 1/2"	10'-2 1/2"
2	Stairway A	10'-1"	10'-2 1/2"
3	Stairway D	11'-11 1/4"	8'-2"
4	Stairway B	8'-7 1/2"	8'-2"
5	Corridor 220N	8'-0"	8'-2"
6	Corridor 223W	16'-0 1/4"	4'-10 1/4"



Drawings prepared by: Kevin O'Brien
Wisconsin Solar Design, Inc.

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

ACCEPTANCE:

Owner:
Madison Metro. School District

Construction Manager:
McKinstry

_____ name

_____ name

_____ date

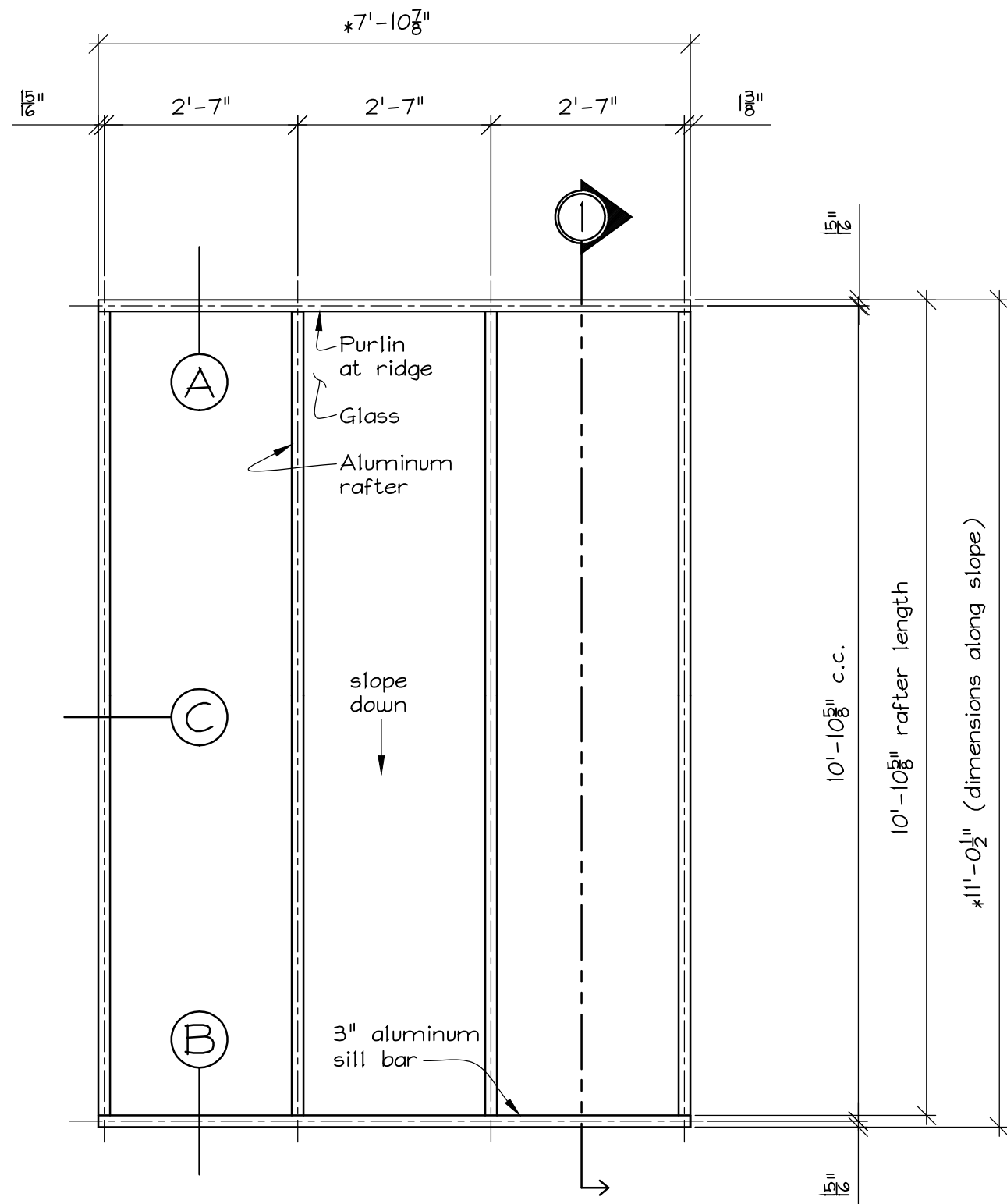
_____ date

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

Project:
 Replacement Skylights
 West High School
 30 Ash St.
 Madison, WI 53726

Construction Manager:
 McKinstry
 2310 Crossroads Dr.
 Madison, WI 53718

1 of 5
 Issued:
 5/15/13



Typical Skylight Plan

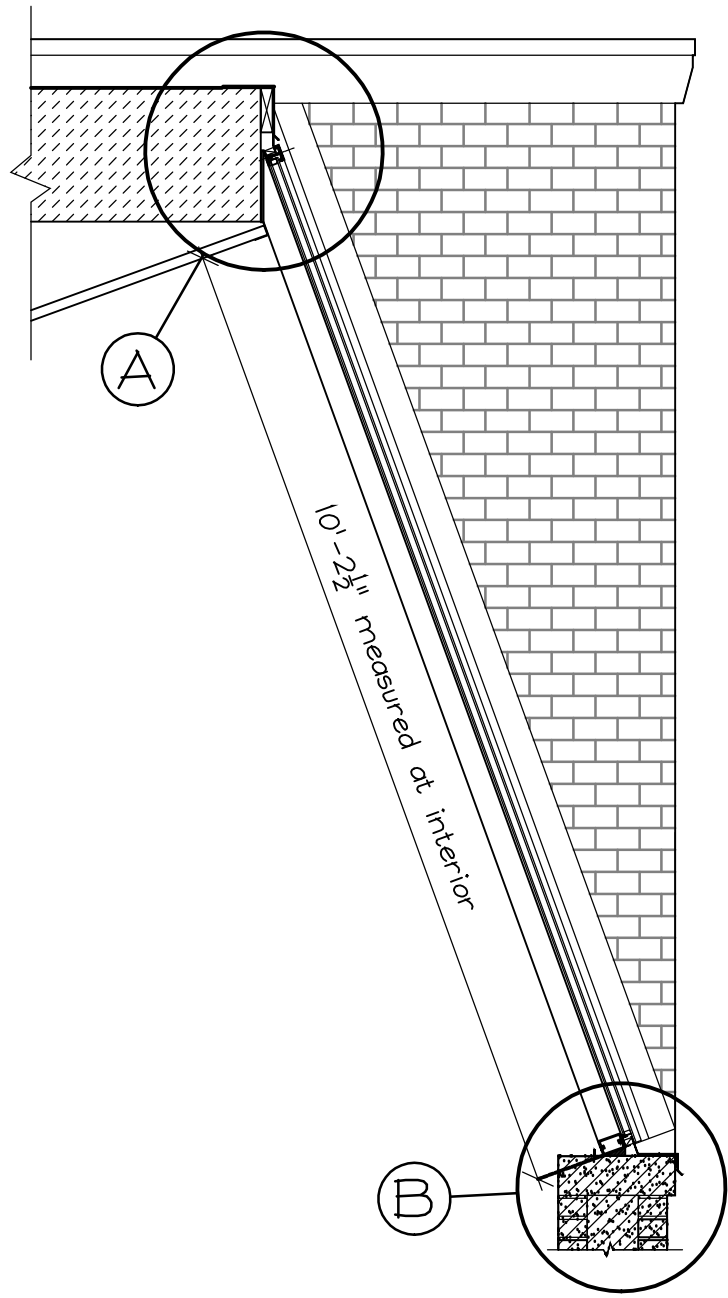
scale: 1/2" = 1'-0"
 *dimensions vary for the (6) skylights

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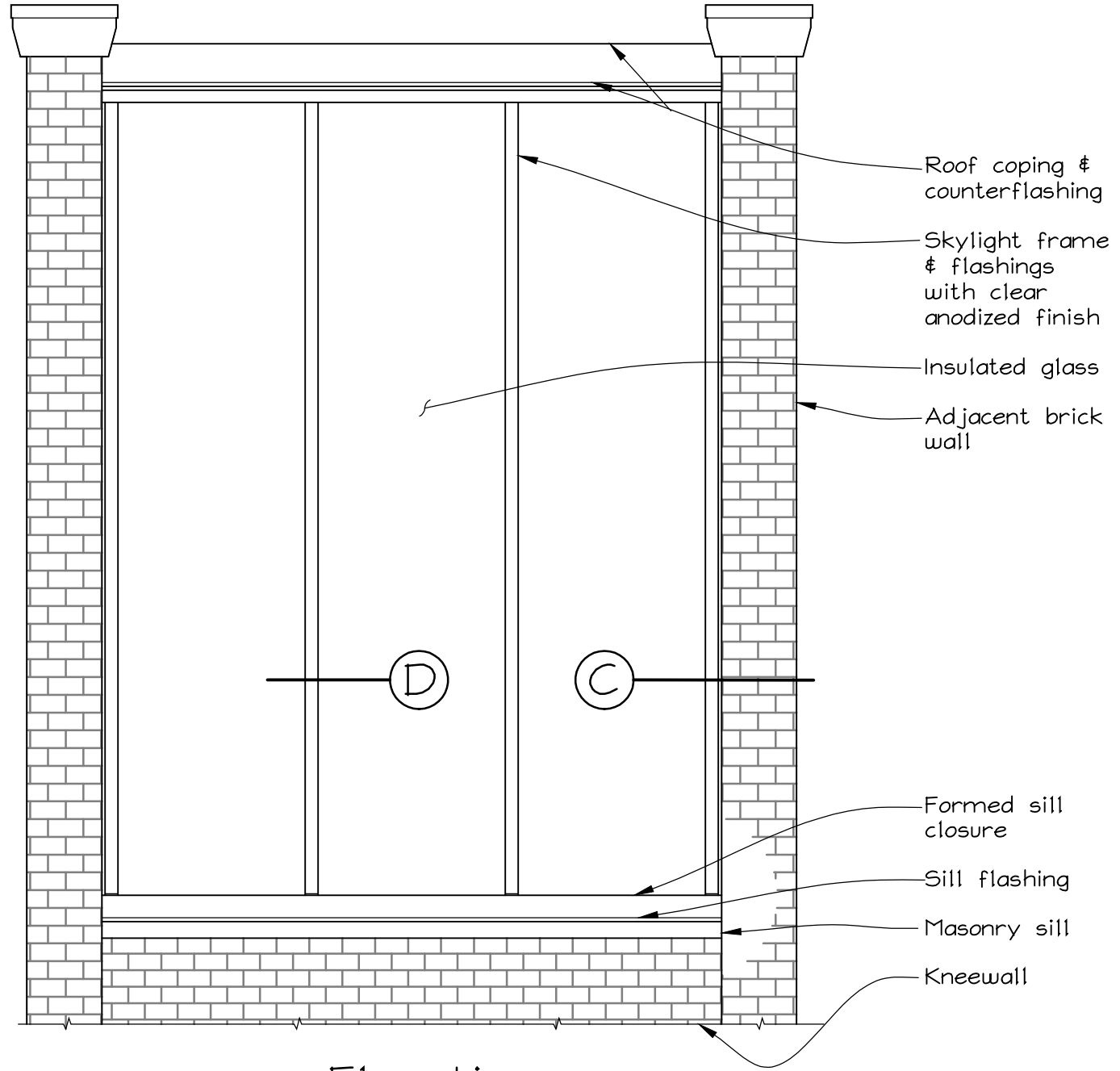
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2 of 5
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① Cross Section
 scale: $\frac{1}{2}'' = 1'-0''$
 sizes vary



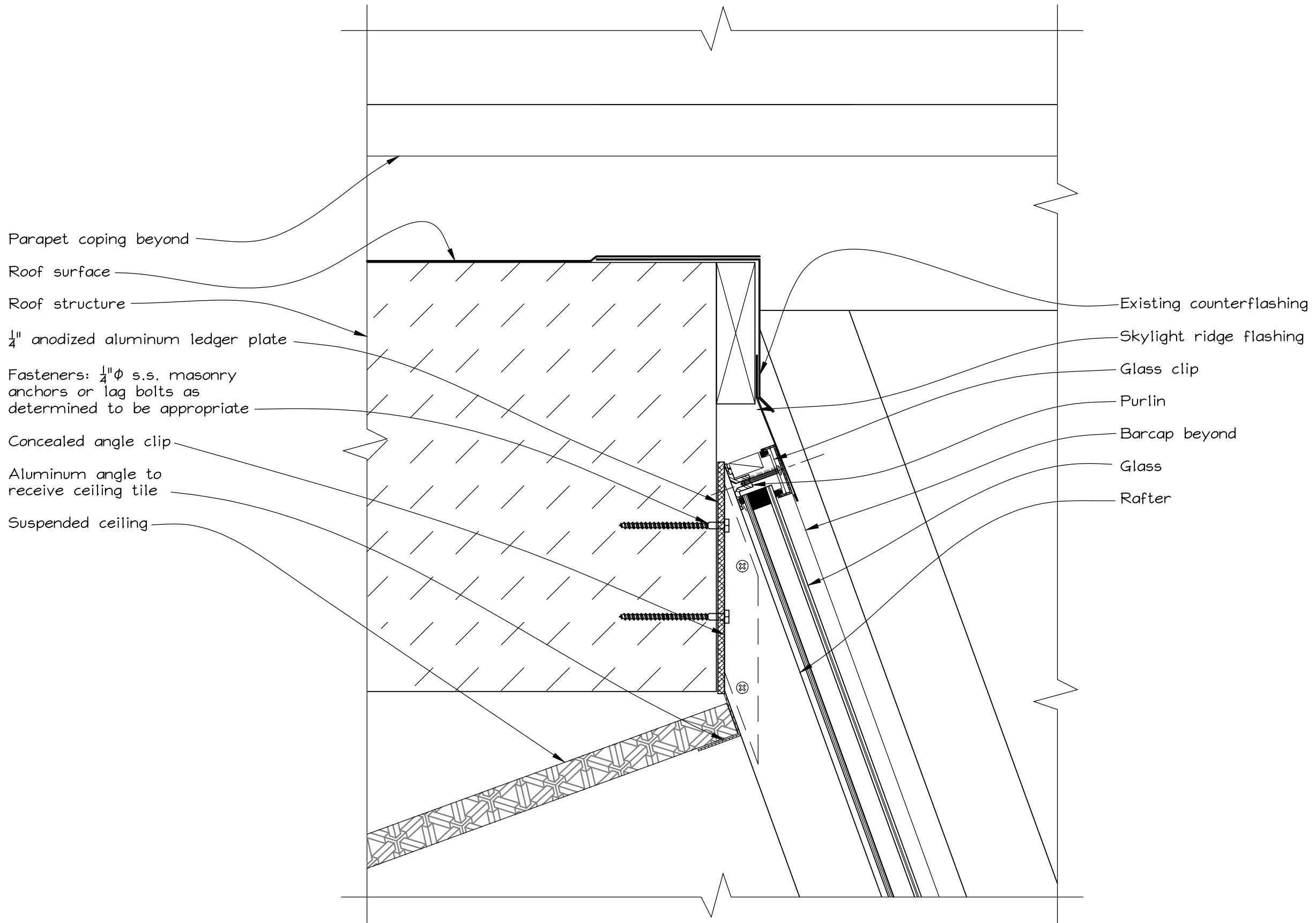
Elevation
 scale: $\frac{1}{2}'' = 1'-0''$
 sizes vary

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3 of 5
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Parapet coping beyond
 Roof surface
 Roof structure
 1/4" anodized aluminum ledger plate
 Fasteners: 1/4" ϕ s.s. masonry anchors or lag bolts as determined to be appropriate
 Concealed angle clip
 Aluminum angle to receive ceiling tile
 Suspended ceiling

Existing counterflashing
 Skylight ridge flashing
 Glass clip
 Purlin
 Barcap beyond
 Glass
 Rafter

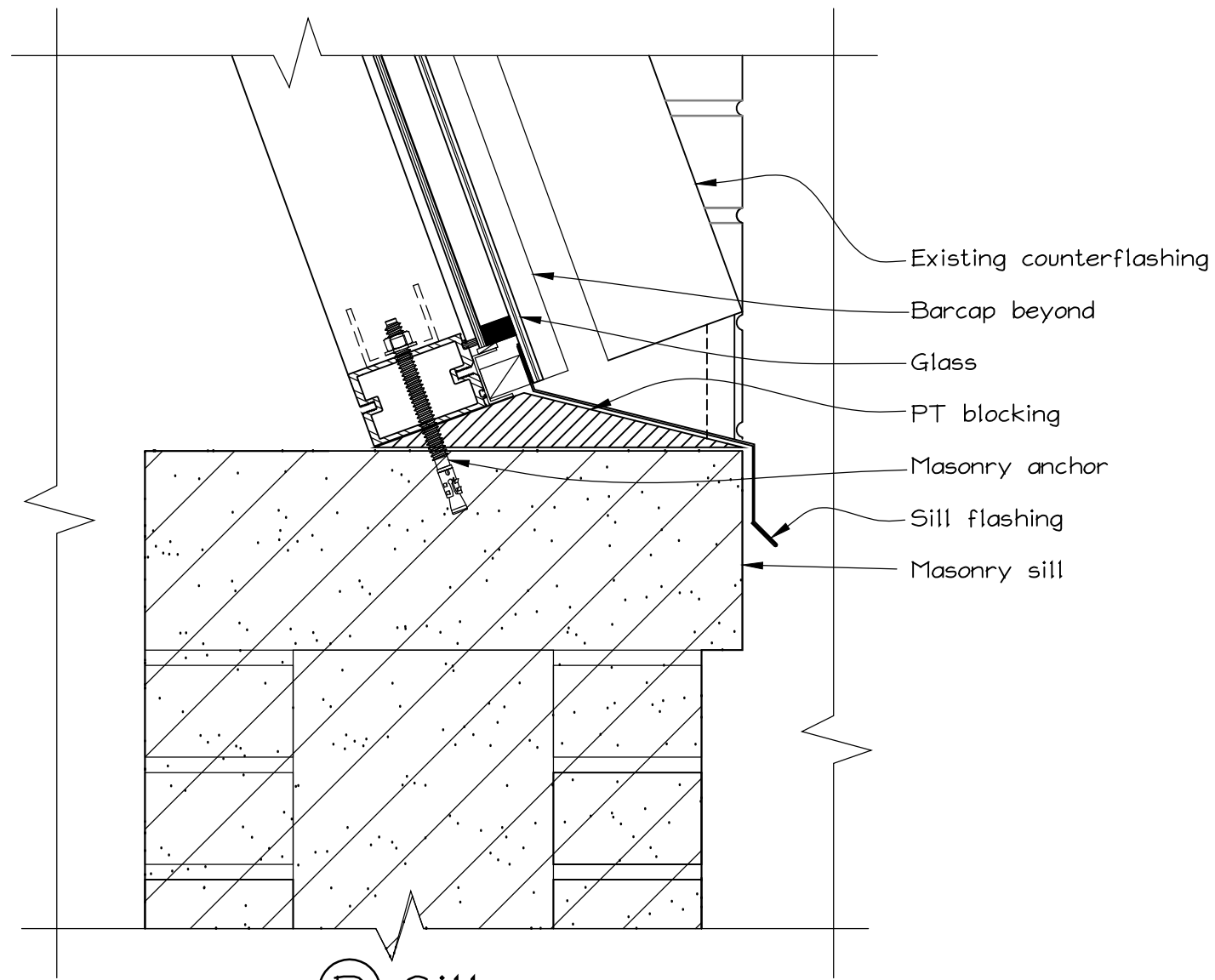
(A) Ridge
 scale: 3" = 1'-0"

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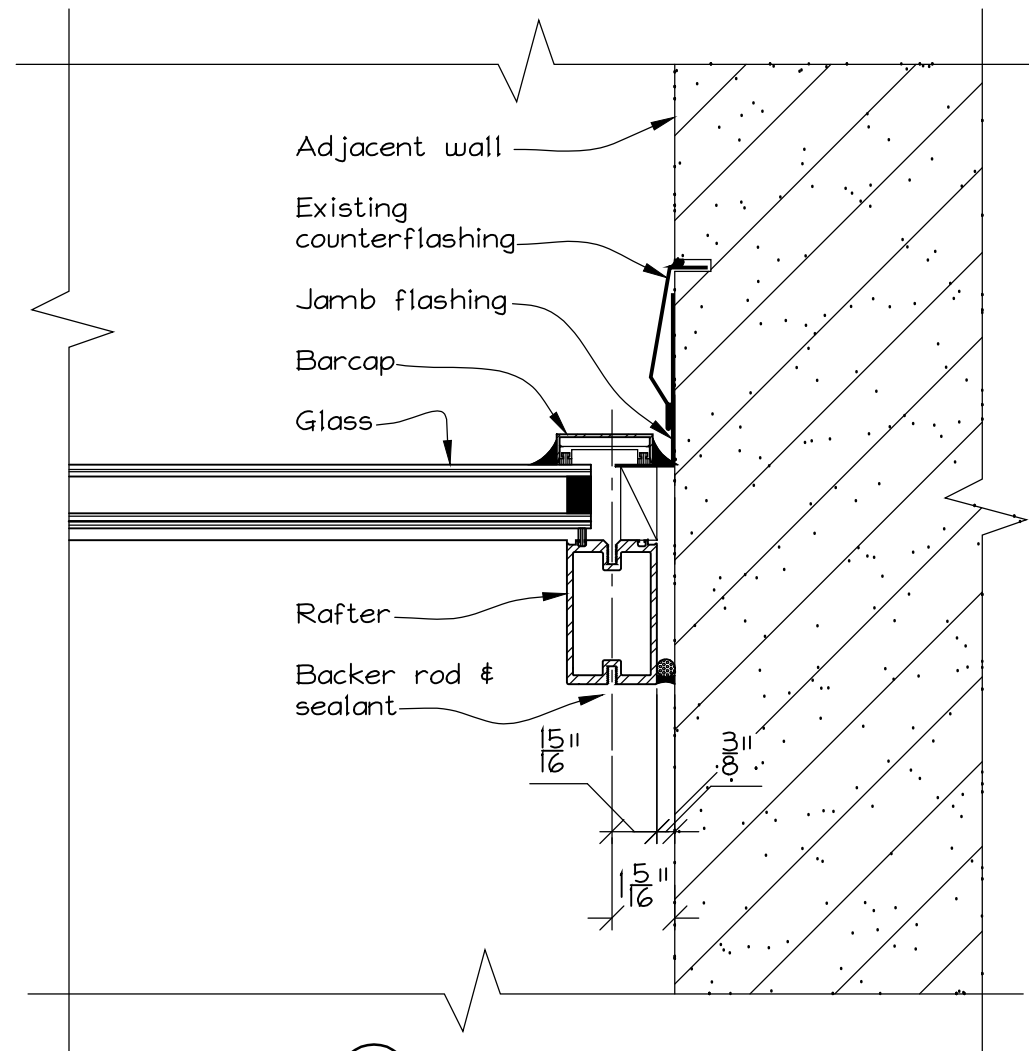
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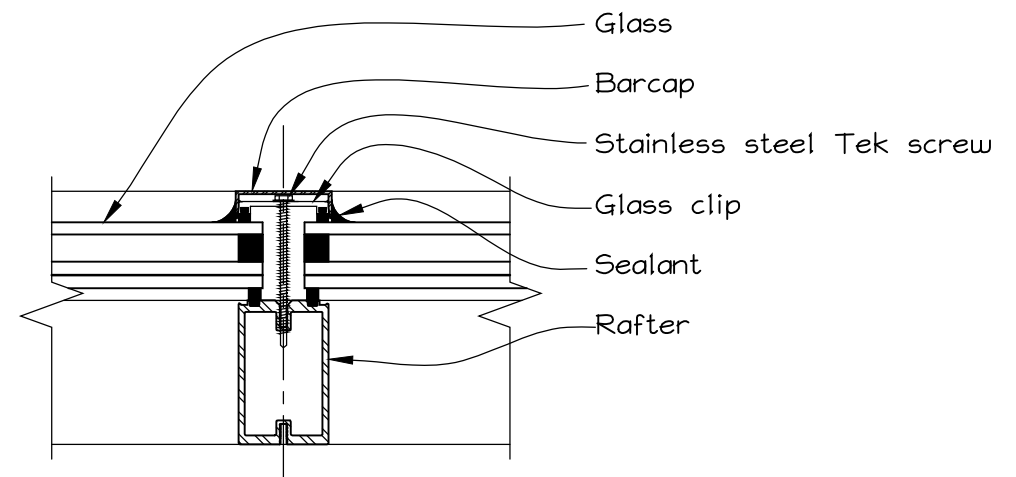
4 of 5
 Issued:
 5/15/13



ⓑ Sill
scale: 3" = 1'-0"



ⓒ Jamb
scale: 3" = 1'-0"



ⓓ Rafter
scale: 3" = 1'-0"

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5 of 5
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