



CERTIFICATE OF APPROPRIATENESS PLACARD

for Raleigh Historic Resources

Project Description:

Repair rear roof; install skylight

712 Dorothea Dr

Address

Boylan Heights

Historic District

Historic Property

COA-0071-2026

Certificate Number

6/30/2026

Date of Issue

6/30/2027

Expiration Date

This card must be kept posted in a location within public view until all phases of the described project are complete. The work must conform with the code of the City of Raleigh and laws of the state of North Carolina. When your project is complete, you are required to ask for a final zoning inspection in a historic district area. Telephone the RHDC office at 832-7238 and commission staff will coordinate the inspection with the inspections Department. If you do not call for this final inspection, your Certificate of Appropriateness is null and void.

Signature, _____

A handwritten signature in black ink, appearing to read "Collette K.", is written over a horizontal line.

Raleigh Historic Development Commission

Pending the resolution of appeals, commencement of work is at your own risk.

Type or print the following:

Applicant name: William Flaughner

Mailing address: 712 Dorothea Dr

City: Raleigh

State: NC

Zip code: 27603

Date: 5/19/26

Daytime phone #: [REDACTED]

Email address: [REDACTED]

Applicant signature: Will Flaughner

- Minor work (staff review) – one copy
- Major work (COA committee review) – ten copies
 - Additions > 25% of building sq. footage
 - New buildings
 - Demolition of building or structure
 - All other
- Post approval re-review of conditions of approval

Office Use Only

Transaction #: _____

File #: **COA-0071-2026**

Fee: _____

Amount paid: _____

Received date: _____

Received by: _____

Property street address: 712 Dorothea Dr

Historic district: Boylan Heights

Historic property/Landmark name (if applicable):

Owner name: William Flaughner

Owner mailing address: 712 Dorothea Dr

For applications that require review by the COA Committee (major work), provide addressed and stamped envelopes for owners for all properties with 100 feet on all sides of the property, as well as the property owner.

Property Owner Name & Address	Property Owner Name & Address

I understand that all major work applications that require review by the Raleigh Historic Development Commission's COA Committee must be submitted by 4 p.m. on the date of the application deadline; otherwise, consideration will be delayed until the following committee meeting. An incomplete application will not be accepted.

Will you be applying for rehabilitation tax credits for this project? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Office Use Only Type of work: _____ _____
Did you consult with staff prior to filing the application? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	

Design Guidelines: please cite the applicable sections of the design guidelines (www.rhdc.org).		
Section/Page	Topic	Brief description of work (attach additional sheets as needed).
2.5	Skylight	Adding skylight to a damaged modern membrane roof on the back of the house with no historical characteristics.

Minor Work Approval (office use only)

Upon being signed and dated below by the Planning Director or designee, this application becomes the Minor Work Certificate of Appropriateness. It is valid until 06/30/2027.

Please post the enclosed placard form of the certificate as indicated at the bottom of the card. Issuance of a Minor Work Certificate shall not relieve the applicant, contractor, tenant, or property owner from obtaining any other permit required by City Code or any law. Minor Works are subject to an appeals period of 30 days from the date of approval.

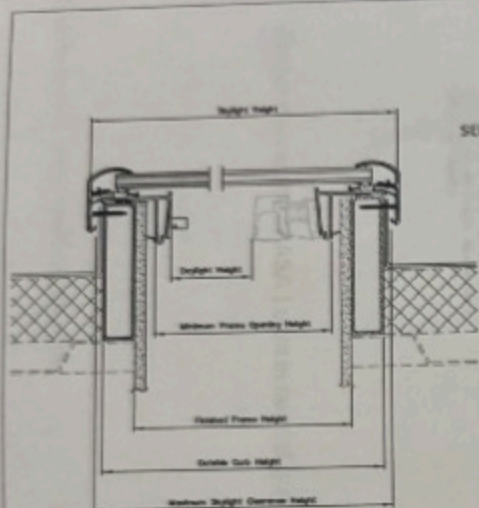
Signature (City of Raleigh) Collette K Date 04/30/2026

My wife and I just purchased our home at 712 Dorothea Dr in the Historic Boylan Heights neighborhood. As part of addressing the issues discovered in our inspection report, we will need to fix the damaged portion of our roof. This section of the roof is on the back of the house not visible from the street. It is a more modern flat roof made of a membrane / rubber material, it does not possess any of the historical characteristics that the rest of the house has across parts of the exterior.

We are hoping to have a skylight installed into this section of the roof while it is being torn up to perform the necessary repairs. I've attached a spec sheet on the skylight provided by the roofing company, the one we have selected is Number 2246. The dimensions are W22.5", H46.5", D8" . It will be nicely framed, and will sit at an 8" profile off of the roof.

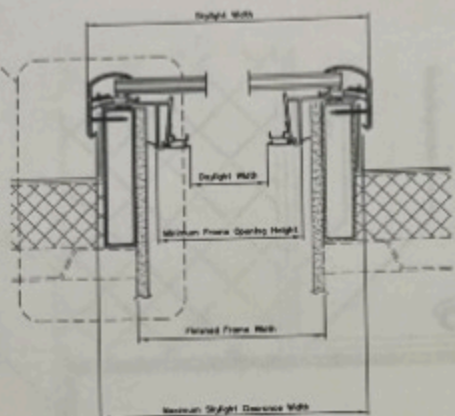
We are hoping to get a Minor Work COA for the skylight and look forward to hearing back, we will wait until this is reviewed before moving forward on any of the roof work.

919 463 5926

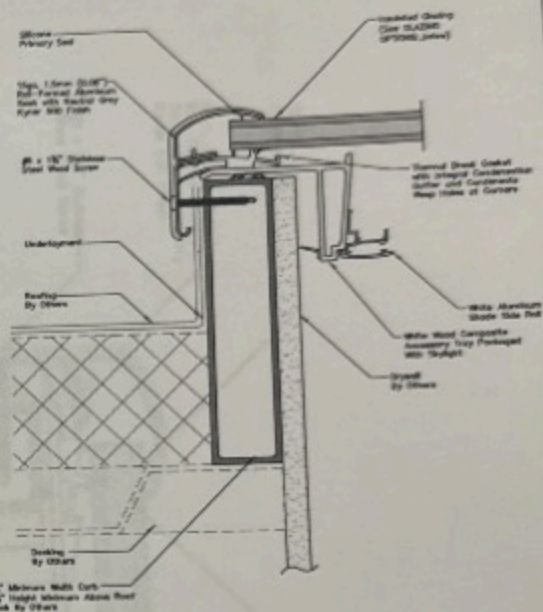


VERTICAL CROSS SECTION

SEE DETAIL 1



HORIZONTAL CROSS SECTION



PRODUCT DIMENSIONS													
IMPERIAL UNITS(INCHES)													
Size	Outside Curb Width	Finished Frame Width	Skylight Width	Maximum Skylight Clearance Width	Daylight Width	Minimum Frame Opening	Outside Curb Height	Finished Frame Height	Skylight Height	Maximum Skylight Clearance Height	Daylight Height	Minimum Frame Opening	Daylight Area (Sq. Feet)
1430	17 1/2	14 1/2	14 1/2	18 5/8	9 7/8	N/A	33 1/2	30 1/2	35 1/8	34 5/8	24 1/2	N/A	1.87
1440	17 1/2	14 1/2	18 1/8	18 5/8	9 7/8	N/A	40 1/2	48 1/2	51 1/8	50 5/8	40 1/2	N/A	2.77
*1943	22 1/2	18 1/2	24 1/8	23 5/8	14 7/8	18 3/8	46 1/2	43 1/2	48 1/8	47 5/8	37 1/2	40 3/16	3.87
2222	25 1/2	22 1/2	27 1/8	26 5/8	17 7/8	21 3/8	75 1/2	72 1/2	77 1/8	76 5/8	58 1/2	21 3/16	2.04
2230	25 1/2	22 1/2	27 1/8	26 5/8	17 7/8	21 3/8	55 1/2	50 1/2	55 1/8	54 5/8	24 1/2	28 3/16	3.04
2230	25 1/2	22 1/2	27 1/8	26 5/8	17 7/8	21 3/8	37 1/2	34 1/2	39 1/8	38 3/8	28 1/2	33 3/16	3.53
2234	25 1/2	22 1/2	27 1/8	26 5/8	17 7/8	21 3/8	46 1/2	46 1/2	51 1/8	50 5/8	40 1/2	45 3/16	5.02
2246	25 1/2	22 1/2	27 1/8	26 5/8	17 7/8	21 3/8	73 1/2	70 1/2	75 1/8	74 5/8	64 1/2	68 3/16	8.00
*2275	35 1/2	32 1/2	37 1/8	36 5/8	21 7/8	21 3/8	90 1/2	87 1/2	92 1/8	91 5/8	81 1/2	88 3/16	5.43
*2347	38 1/2	35 1/2	40 1/8	39 5/8	24 7/8	23 3/8	33 1/2	30 1/2	35 1/8	34 5/8	24 1/2	28 3/16	4.40
3030	33 1/2	30 1/2	35 1/8	34 5/8	25 7/8	23 3/8	49 1/2	46 1/2	51 1/8	50 5/8	40 1/2	45 3/16	7.37
**3046	33 1/2	30 1/2	35 1/8	34 5/8	25 7/8	23 3/8	54 1/2	51 1/2	56 1/8	55 5/8	48 1/2	54 3/16	8.88
**3055	33 1/2	30 1/2	35 1/8	34 5/8	25 7/8	23 3/8	78 1/2	75 1/2	80 1/8	79 5/8	68 1/2	75 1/16	12.80
*3171	35	30	36 3/4	36 1/8	27 1/2	30 11/16	78	75	79 3/4	78 1/8	68	75 11/16	12.80
3422	37 1/2	34 1/2	39 1/8	38 5/8	29 1/8	31 3/8	25 1/2	22 1/2	27 1/8	26 5/8	16 1/2	21 3/16	3.62
3434	37 1/2	34 1/2	39 1/8	38 5/8	29 1/8	31 3/8	37 1/2	34 1/2	39 1/8	38 5/8	28 1/2	33 3/16	5.91
3446	37 1/2	34 1/2	39 1/8	38 5/8	29 1/8	31 3/8	49 1/2	46 1/2	51 1/8	50 5/8	40 1/2	45 3/16	8.90
4822	48 1/2	44 1/2	51 1/8	50 5/8	41 7/8	45 3/16	25 1/2	22 1/2	27 1/8	26 5/8	16 1/2	21 3/16	4.80
4830	48 1/2	44 1/2	51 1/8	50 5/8	41 7/8	45 3/16	30 1/2	27 1/2	32 1/8	31 5/8	24 1/2	29 3/16	7.32
4846	48 1/2	44 1/2	51 1/8	50 5/8	41 7/8	45 3/16	49 1/2	46 1/2	51 1/8	50 5/8	40 1/2	45 3/16	11.77
4872	48 1/2	44 1/2	51 1/8	50 5/8	41 7/8	45 3/16	75 1/2	72 1/2	77 1/8	76 5/8	66 1/2	71 3/16	19.53

NOTE 1: FCM Sizes Not Available With Drain

- GLAZING OPTIONS:**
- LGL 266 Laminated (94)
 - LGL 266 Tempered (22)
 - LGL 266 Tempered (13)
 - LGL 266 Impact Laminated (96)
 - LGL 266 Impact Laminated (14)

- OPTIONAL DATA:**
- Electrical Shade Controlled Via 2-Alpha Radio Frequency (RU) Remote.



VELUX America LLC
1418 Evans Pond Road
Greensboro, NC 27406
1-800-86-VELUX
www.VELUXUSA.com

FCM - Fixed Curb Mounted Skylight
Low Sloped Roof Application

CHECKED/DRAWN: JAC
DATE: 02/24/2025

This drawing is an instrument of service and is provided for informational use only.

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VELUX is a registered trademark

FCM Fixed Skylight System

Technical Product Data Sheet

Description

- FCM Fixed Curb Mount Skylight System that mounts to a site-built curb (residential curbs typically 2x4 or 2x6). Fixed skylight, provided with various insulated glass units. Manufactured with a solar powered shade, a neutral gray aluminum profile and integral gasket preventing air and water infiltration while allowing the removal of interior condensation.

Installation

- Single unit applications only (combination applications not possible).
- 0 degrees to 60 degrees, use standard installation procedure.
- Above 45 degrees, use water diverter as illustrated in installation instructions; water diverter provided by installer.

Flashings

- ECL – Engineered neutral gray flashing for single installation with thin roofing material ($\frac{1}{2}$ " max) for roof pitch above 10-60 degrees.
- ECW – Engineered neutral gray flashing for single installation with tile (over $\frac{3}{4}$ ") roofing material for roof pitch above 14-60 degrees.
- Applications less than 10-degree roof pitch - flashing provided by others.

Interior Accessories

- VELUX Active – Indoor climate sensor.
- VELUX App Control – Automating scheduling and smart device control.
- Home Automation Integration Kit – Wirelessly control up to five groups of solar/electric powered skylights or shades.
- VELUX Touch Remote – Operate multiple skylights and shades with one remote from anywhere in the room.

Type Sign

- Example: FCM 2222 0004SD 01BT05
- Etched on bottom right of exterior frame cover. Also, labeled on bottom left of interior shade tray.



Standard System Sizes

- 1943*, 2222, 2230, 2234, 2246, 2270, 2347*, 3030, 3171*, 3046, 3055, 3422, 3434, 3446, 4622, 4630, 4646, 4672
- Custom sizes available.

Special Stocked Sizes**

- 1430, 1446, 190365, 190435, 225225, 225470, 315470, 315700, 315715, 365365

Systems for Undersize Curb

- 2020, 2044, 3232, 4444

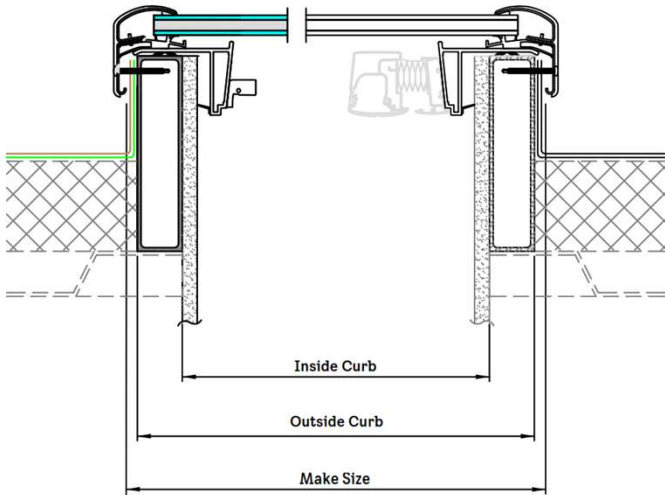
Warranty

- **Skylight** – 10 years from the date of purchase; VELUX warrants that the skylight will be free from defects in material and workmanship.
- **Installation** – 10 years from the date of purchase; VELUX No Leak Warranty warrants skylight installation. Must be installed with VELUX flashings and included adhesive underlayment.
- **Glass Seal** – 20 years from the date of purchase; VELUX warrants that the insulated glass pane will not develop a material obstruction of vision due to failure of the glass seal.
- **Hail Warranty** – 10 years from the date of purchase; VELUX warrants only laminated glass panes against hail breakage.
- **Accessories and Electrical Components** – 5 years from the date of purchase; VELUX warrants Velux shades and control systems will be free from defects in material and workmanship.

*Flashing kits not available

** Flashing kits available for 1430 and 1446 only

Cross Section



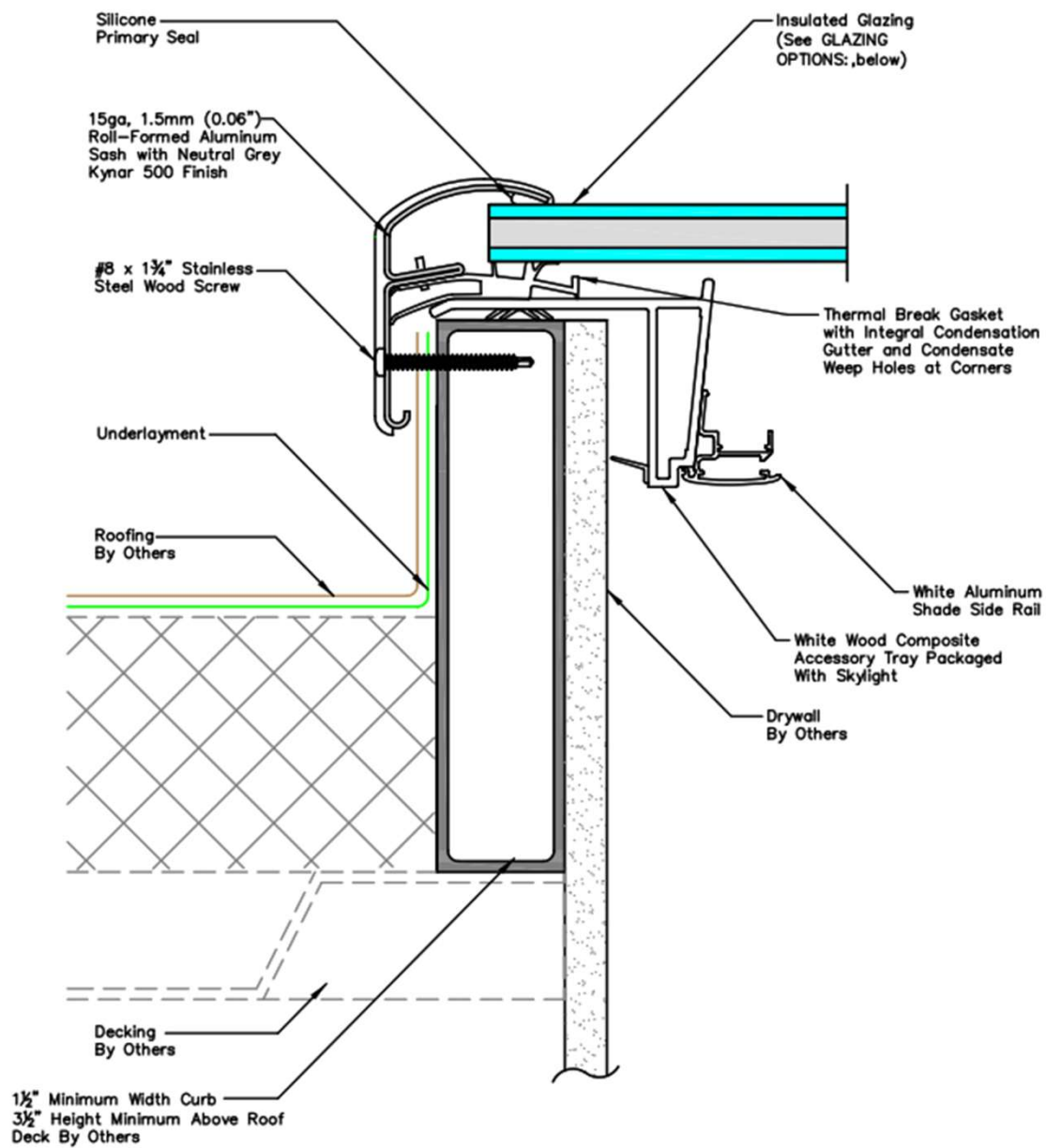
Size	Inside Curb	Outside Curb	Make Size
14	14-1/2"	17-1/2"	18-5/8"
19	19-1/2"	22-1/2"	23-5/8"
20	21"	24"	25-1/8"
22	22-1/2"	25-1/2"	26-5/8"
23	23-1/2"	26-1/2"	27-5/8"
30	30-1/2"	33-1/2"	34-5/8"
31	32"	35"	36-1/8"
32	33"	36"	37-1/8"
34	34-1/2"	37-1/2"	38-5/8"
43	43-1/2"	46-1/2"	47-5/8"
44	45"	48"	49-1/8"
46	46-1/2"	49-1/2"	50-5/8"
47	47-1/2"	50-1/2"	51-5/8"
55	55-1/2"	58-1/2"	59-5/8"
70	70-1/2"	73-1/2"	74-5/8"
71	72"	75"	76-1/8"
72	72-1/2"	75-1/2"	76-5/8"

Custom Sizes	Width	Length
Min	18-3/4"	18-3/4"
Max	50-3/4"	76-1/2"

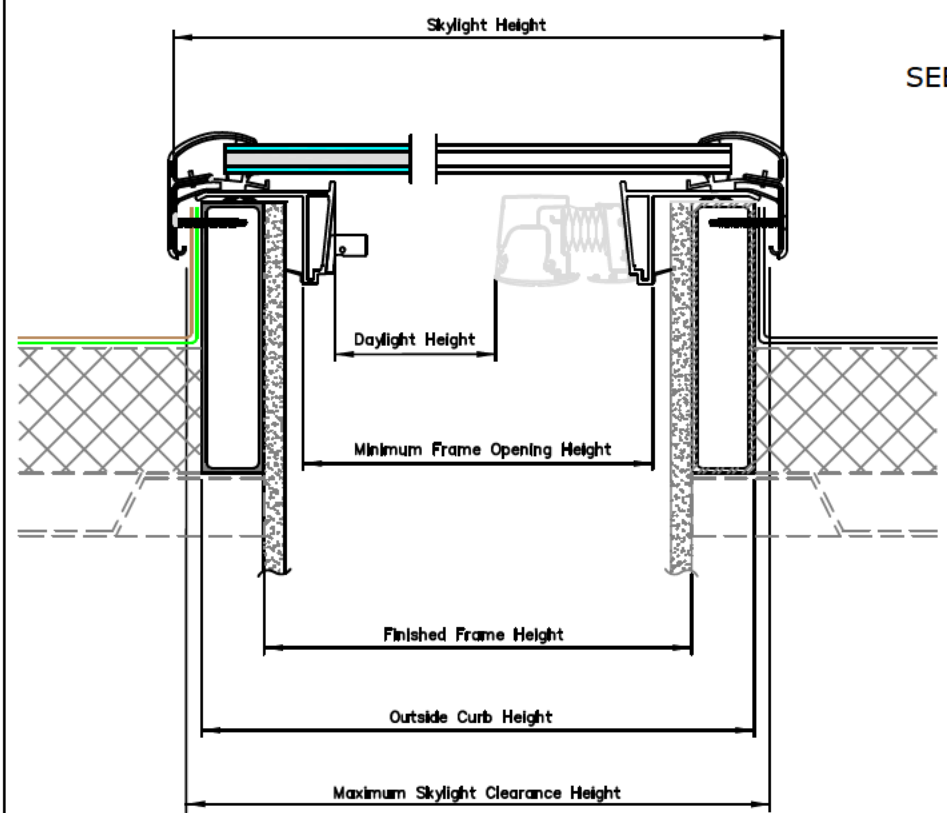
Glazings and Certification For Skylight Systems

Glazing	NFRC U-factor	NFRC SHGC	NFRC Vt	Hallmark 426-H-701	IAPMO-ES ER 199	Fla Prod Approval 13303	HVHZ	TDI
04 Laminated – 2.3 mm laminated (0.76 mm interlayer) with tempered Low E366 outer pane.	0.46	0.21	0.47	✓	✓	✓		SK-03
05 Tempered – 3 mm tempered clear with tempered Low E366 outer pane.	0.46	0.21	0.48	✓		✓		SK-03
06 Impact – 2.3 mm laminated (2.28 mm interlayer) with tempered Low E366 outer pane for hurricane areas	0.43	0.21	0.48	✓	✓	✓	✓	SK-14
08 White laminated – 2.3 mm Laminated (0.76mm white interlayer) with tempered Low E366 outer pane.	0.46	0.21	0.43	✓	✓	✓		SK-03
10 Snowload – 3 mm laminated (0.76 mm interlayer) with tempered Low E366 outer pane.	0.44	0.21	0.47	✓				
14 Laminated – 2.3 mm laminated (0.76 mm interlayer) with tempered Low E340 outer pane.	0.46	0.14	0.28	✓		✓		SK-03
15 Tempered – 3mm tempered clear with tempered Low E340 outer pane.	0.47	0.14	0.29	✓		✓		SK-03
16 Impact – 2.3 mm laminated (2.28 mm interlayer) with tempered Low E340 outer pane.	0.44	0.14	0.29	✓		✓	✓	SK-14
29 Laminated Triple Pane – 2.3 mm laminated (0.76mm white interlayer), with 3 mm tempered middle pane, and tempered Low E366 outer pane.	0.35	0.19	0.43	✓	✓	✓		
30 Tempered Triple Pane – 3 mm tempered clear with 3mm tempered middle pane and tempered Low E366 outer pane.	0.36	0.19	0.44	✓		✓		

Consult with Customer Service for special glazing options.

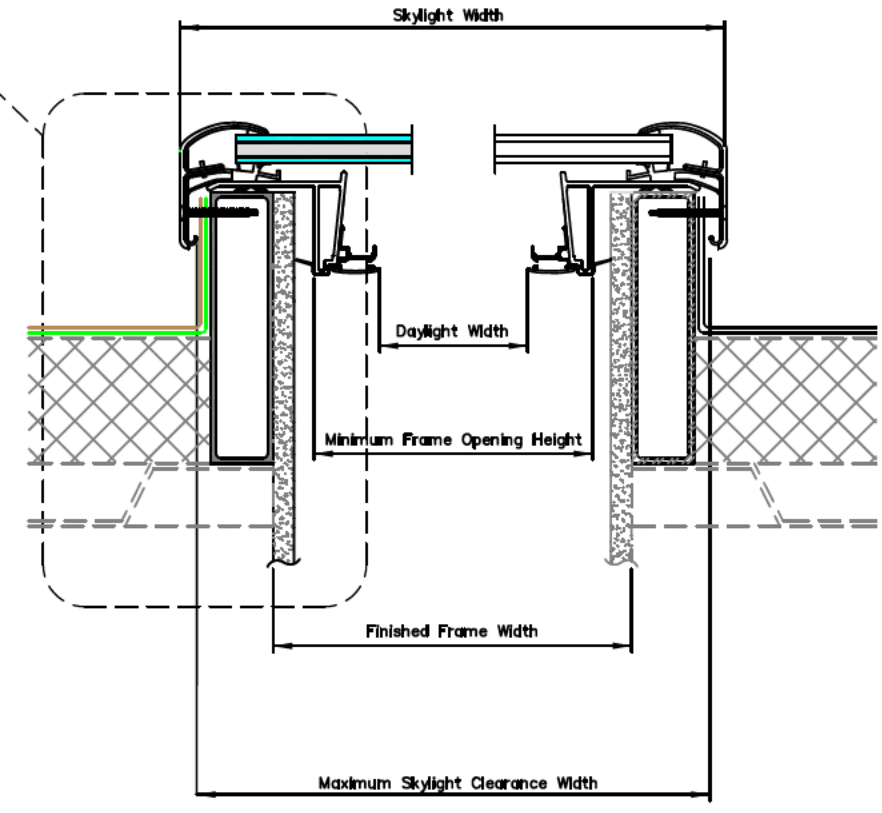


Corner keys made of ASA Luran in neutral grey finish.

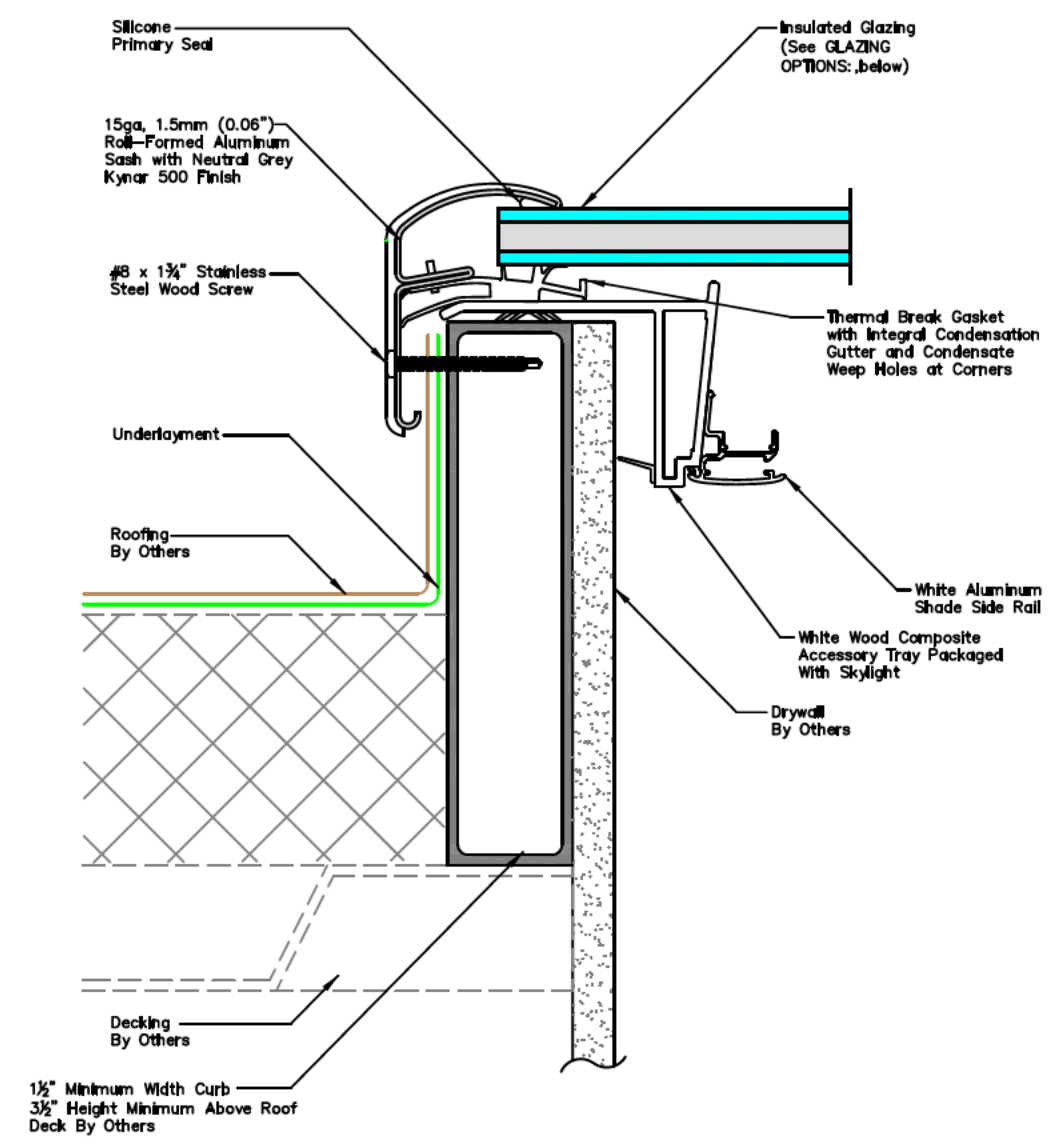


VERTICAL CROSS SECTION

SEE DETAIL 1



HORIZONTAL CROSS SECTION



PRODUCT DIMENSIONS													
IMPERIAL UNITS(INCHES)													
Size	Outside Curb Width	Finished Frame Width	Skylight Width	Maximum Skylight Clearance Width	Daylight Width	Minimum Finish Opening	Outside Curb Height	Finished Frame Height	Skylight Height	Maximum Skylight Clearance Height	Daylight Height	Minimum Finish Opening	Daylight Area (Sq. Feet)
1430 ¹	17 1/2	14 1/2	19 1/8	18 5/8	9 7/8	N/A	33 1/2	30 1/2	35 1/8	34 5/8	24 1/2	N/A	1.67
1446 ¹	17 1/2	14 1/2	19 1/8	18 5/8	9 7/8	N/A	49 1/2	46 1/2	51 1/8	50 5/8	40 1/2	N/A	2.77
*1943	22 1/2	19 1/2	24 1/8	23 5/8	14 7/8	18 3/16	46 1/2	43 1/2	48 1/8	47 5/8	37 1/2	42 3/16	3.87
2222	25 1/2	22 1/2	27 1/8	26 5/8	17 7/8	21 3/16	25 1/2	22 1/2	27 1/8	26 5/8	16 1/2	21 3/16	2.04
2230	25 1/2	22 1/2	27 1/8	26 5/8	17 7/8	21 3/16	33 1/2	30 1/2	35 1/8	34 5/8	24 1/2	29 3/16	3.04
2234	25 1/2	22 1/2	27 1/8	26 5/8	17 7/8	21 3/16	37 1/2	34 1/2	39 1/8	38 5/8	28 1/2	33 3/16	3.53
2246	25 1/2	22 1/2	27 1/8	26 5/8	17 7/8	21 3/16	49 1/2	46 1/2	51 1/8	50 5/8	40 1/2	45 3/16	5.02
**2270	25 1/2	22 1/2	27 1/8	26 5/8	17 7/8	21 3/16	73 1/2	70 1/2	75 1/8	74 5/8	64 1/2	69 3/16	8.00
*2347	26 1/2	23 1/2	28 1/8	27 5/8	18 7/8	22 3/16	50 1/2	47 1/2	52 1/8	51 5/8	41 1/2	46 3/16	5.43
3030	33 1/2	30 1/2	35 1/8	34 5/8	25 7/8	29 3/16	33 1/2	30 1/2	35 1/8	34 5/8	24 1/2	29 3/16	4.40
**3046	33 1/2	30 1/2	35 1/8	34 5/8	25 7/8	29 3/16	49 1/2	46 1/2	51 1/8	50 5/8	40 1/2	45 3/16	7.27
**3055	33 1/2	30 1/2	35 1/8	34 5/8	25 7/8	29 3/16	58 1/2	55 1/2	60 1/8	59 5/8	49 1/2	54 3/16	8.89
*3171	35	32	36 3/4	36 1/8	27 1/2	30 11/16	75	72	76 3/4	76 1/8	66	70 11/16	12.60
3422	37 1/2	34 1/2	39 1/8	38 5/8	29 7/8	33 3/16	25 1/2	22 1/2	27 1/8	26 5/8	16 1/2	21 3/16	3.42
3434	37 1/2	34 1/2	39 1/8	38 5/8	29 7/8	33 3/16	37 1/2	34 1/2	39 1/8	38 5/8	28 1/2	33 3/16	5.91
3446	37 1/2	34 1/2	39 1/8	38 5/8	29 7/8	33 3/16	49 1/2	46 1/2	51 1/8	50 5/8	40 1/2	45 3/16	8.40
4622	49 1/2	46 1/2	51 1/8	50 5/8	41 7/8	45 3/16	25 1/2	22 1/2	27 1/8	26 5/8	16 1/2	21 3/16	4.80
4630	49 1/2	46 1/2	51 1/8	50 5/8	41 7/8	45 3/16	33 1/2	30 1/2	35 1/8	34 5/8	24 1/2	29 3/16	7.12
4646	49 1/2	46 1/2	51 1/8	50 5/8	41 7/8	45 3/16	49 1/2	46 1/2	51 1/8	50 5/8	40 1/2	45 3/16	11.77
**4672	49 1/2	46 1/2	51 1/8	50 5/8	41 7/8	45 3/16	75 1/2	72 1/2	77 1/8	76 5/8	66 1/2	71 3/16	19.33

NOTE 1: FCM Sizes Not Available With Shade

- GLAZING OPTIONS:**
- LoE 366 Laminated (04)
 - LoE 366 Tempered (05)
 - LoE 366 Tempered (15)
 - LoE 366 Impact Laminated (06)
 - LoE 340 Impact Laminated (16)

- CONTROL DATA:**
- Electrical Shade Controlled Via 2.4ghz Radio Frequency KLI Remote.



Sky-Global Product Management

VELUX America LLC
1418 Evans Pond Road
Greenwood, SC 29646
1-800-88-VELUX
www.VELUXUSA.com

FCM - Fixed Curb Mounted Skylight
Low Sloped Roof Application

CHECKED/DRAWN:
JL/RC
DATE:
02/26/2025





