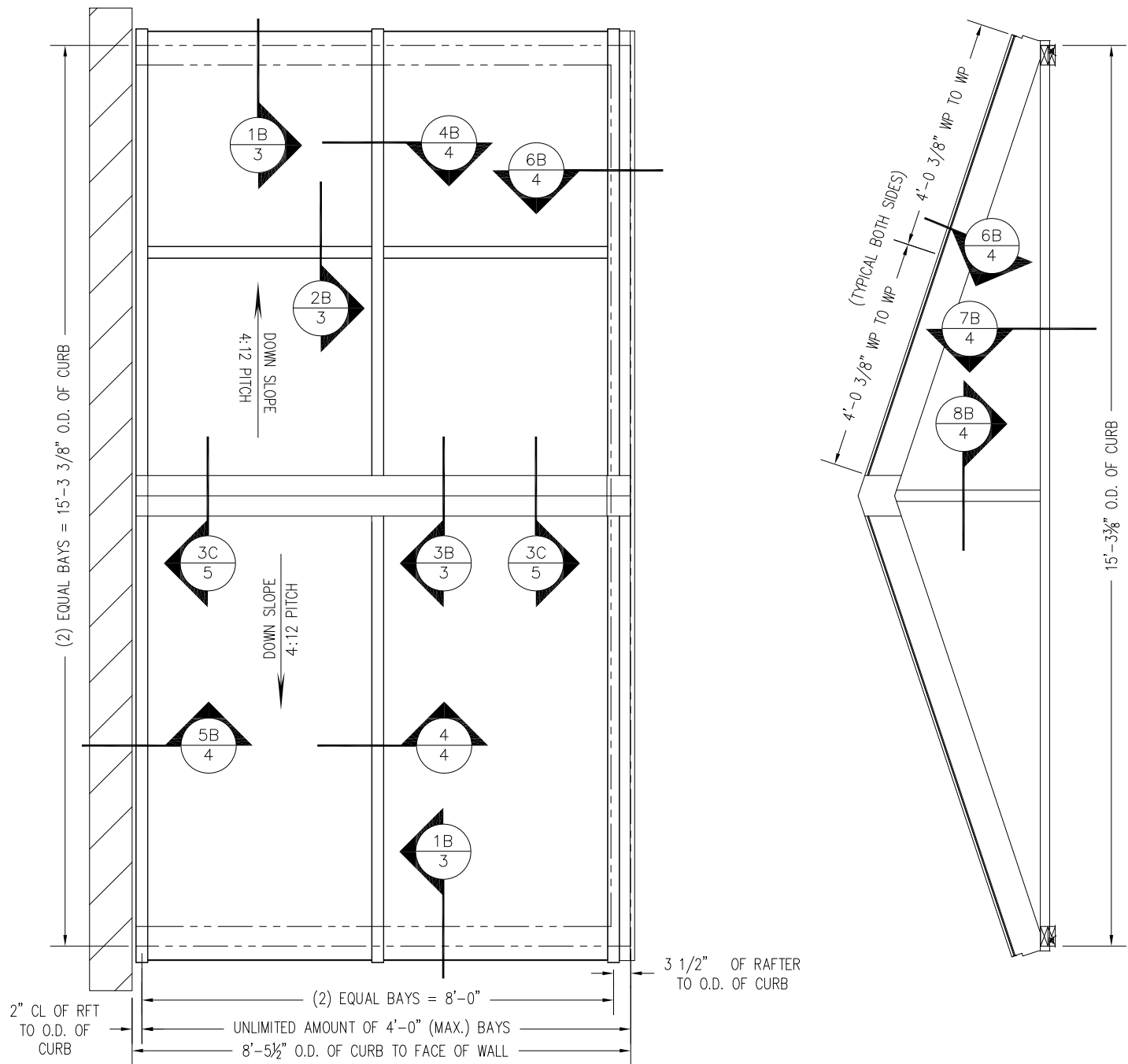




PINNACLE - HU SKYLIGHT
PLAN VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±80PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ

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1	GENERAL VIEWS AND NOTES
2 - 8	INSTALLATION DETAILS
9 - 11	COMPONENTS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	CHANGE COMPANY'S NAME	10/28/19	R.L.

- NOTES:
- 1) THE PRODUCT SHOWN HERE IN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
 - 2) ROUGH OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. OPENING DESIGN IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 - 3) APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
 - 4) UNITS MUST BE GLAZED PER ASTM E1300-04/09, SEE SHEET 4 FOR GLAZING DETAILS.
 - 5) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 - 6) FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE 3/8" LAG BOLTS OF SUFFICIENT LENGTH TO ACHIEVE A 2 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS 5" FROM EACH CORNER AND 12" MAXIMUM ON CENTER THEREAFTER. SEE INSTALLATION DETAILS.
 - 7) ALL FASTENERS TO BE CORROSION RESISTANT.
 - 8) INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIAL WITH THE FOLLOWING PROPERTIES:
A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42

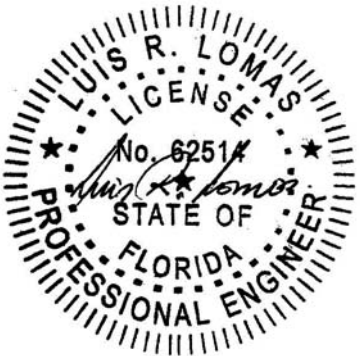
VELUX AMERICA, LLC.
85 SPENCER DRIVE, UNIT A
WELLS, ME 04090

PINNACLE - HU
SKYLIGHT
ELEVATION AND NOTES

DRAWN: R.L.	DWG NO. 08-01043	REV D
SCALE NTS	DATE 06/24/10	SHEET 1 OF 11

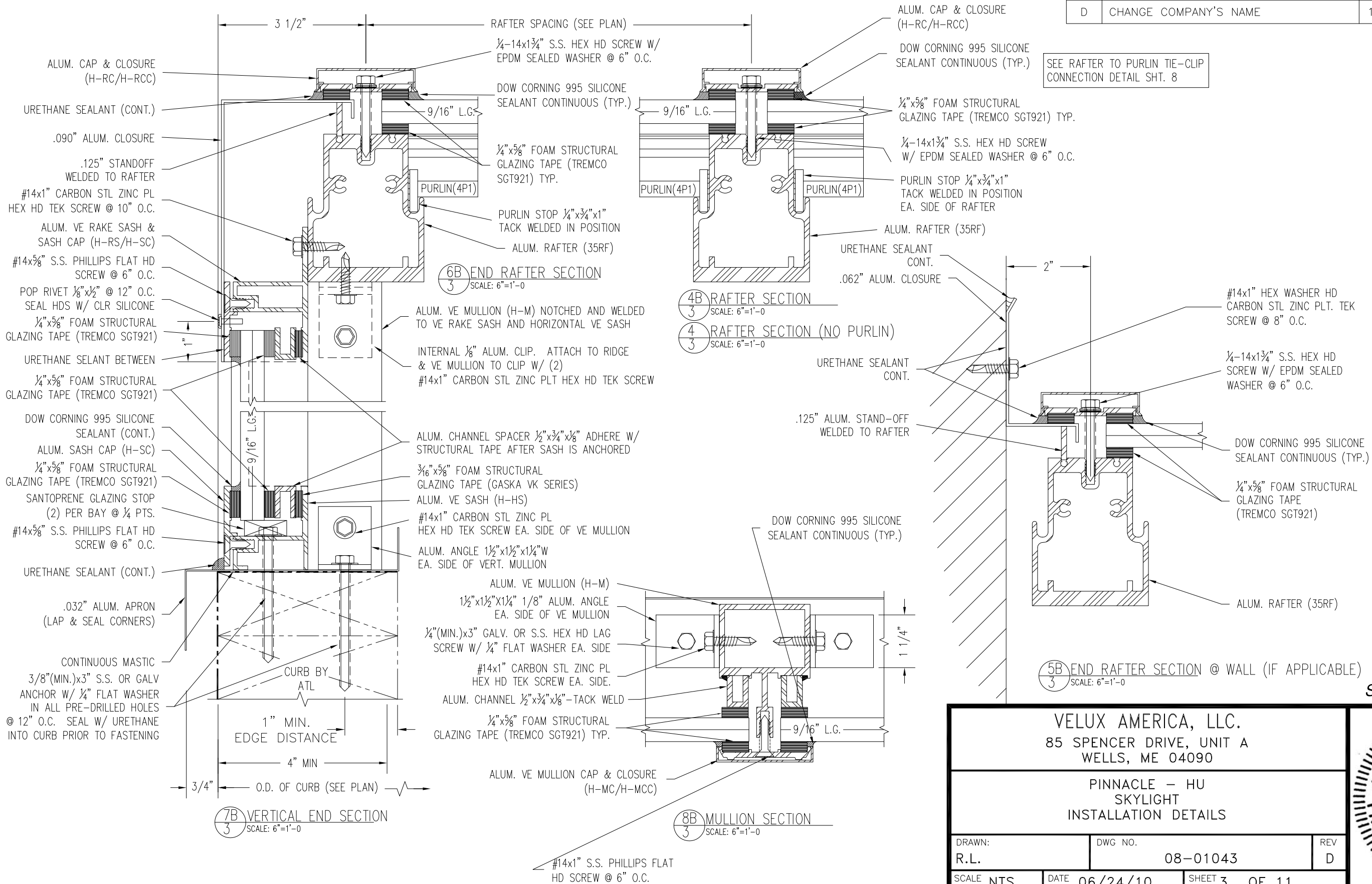
L. ROBERTO LOMAS P.E.
1432 WOODFORD RD LEWISVILLE, NC 27023
434-688-0609 rllomas@lrlomaspe.com

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Luis R. Lomas P.E.
FL No.: 62514

REVISIONS			
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D	CHANGE COMPANY'S NAME	10/28/19	R.L.



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VELUX AMERICA, LLC.

85 SPENCER DRIVE, UNIT A
WELLS, ME 04090

PINNACLE – HU
SKYLIGHT
INSTALLATION DETAILS

DRAWN: R.L.

DWG NO. 08-01043

REV D

SCALE NTS

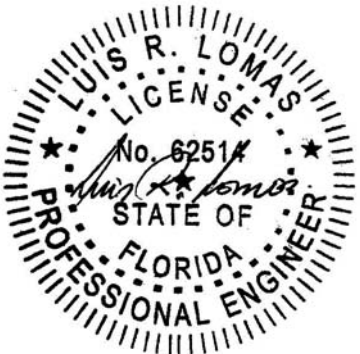
DATE 06/24/10

SHEET 3 OF 11

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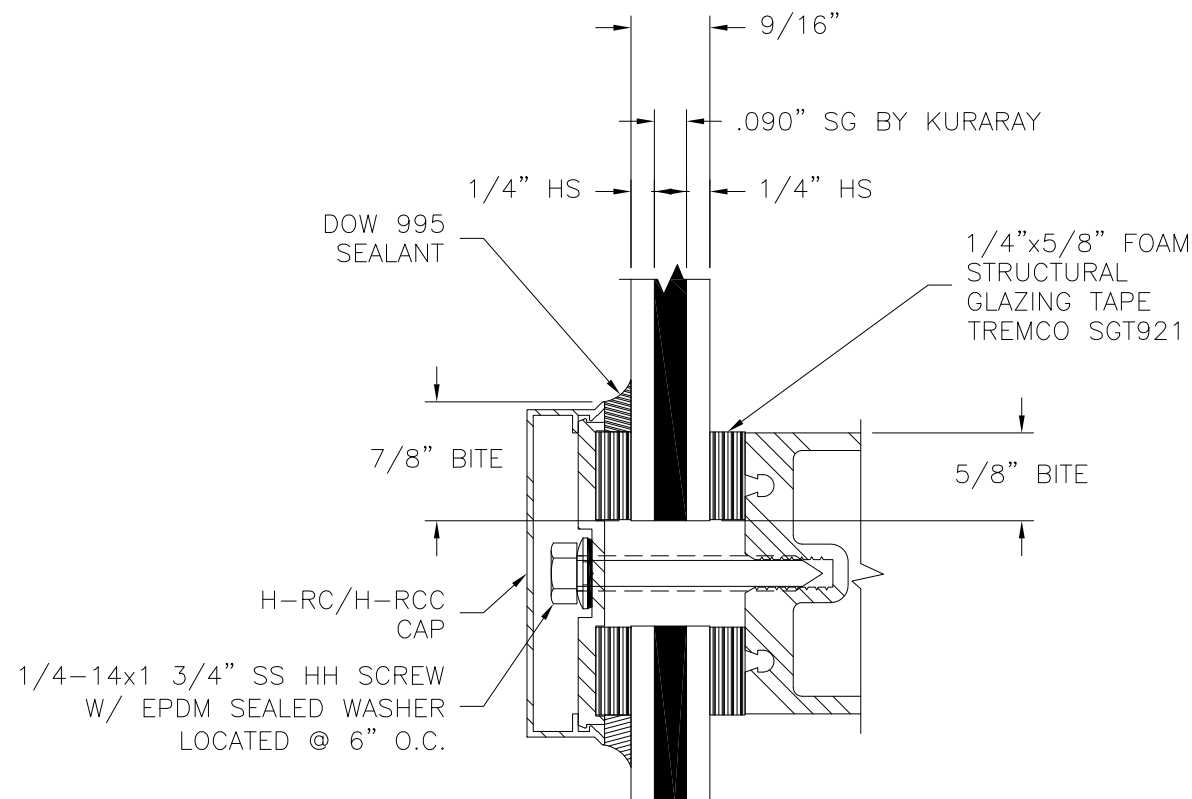
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434-688-0609 rllomas@lrlomaspe.com

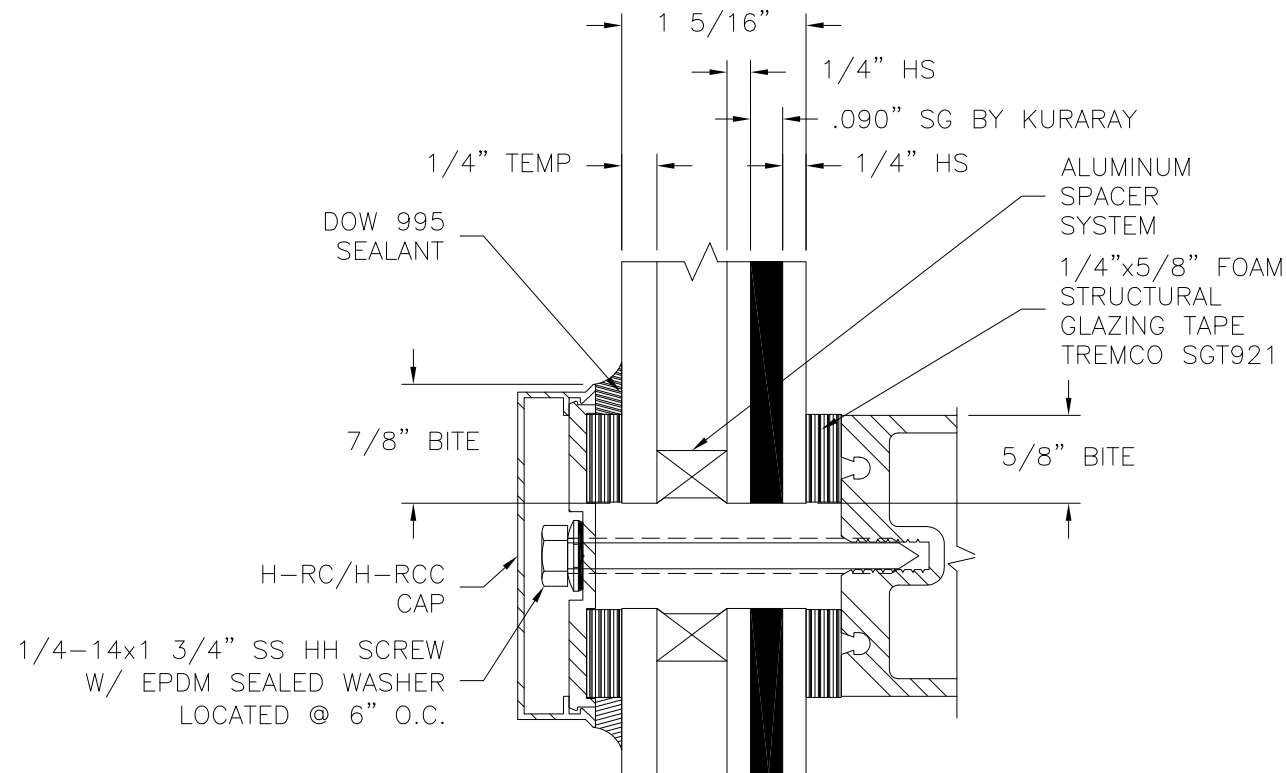


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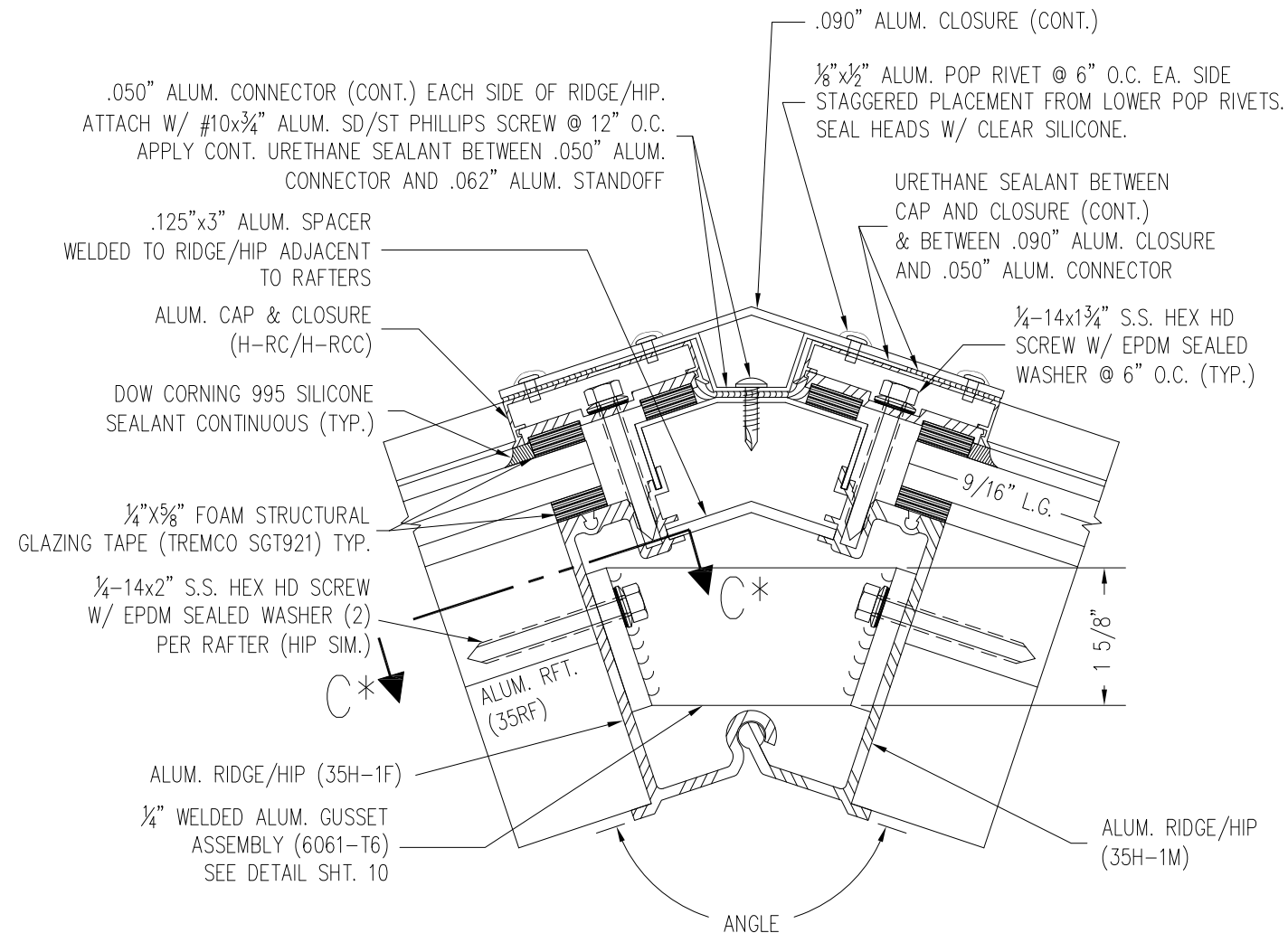
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REV	DESCRIPTION	DATE	APPROVED
D	CHANGE COMPANY'S NAME	10/28/19	R.L.



GLAZING A



GLAZING B

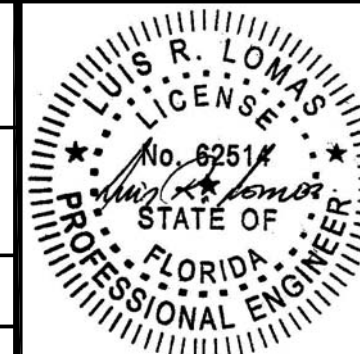


3C RIDGE SECTION - (ANGLE - 143°7'45")
SCALE: 6"=1'-0"

ANGLE AT HIP VARIES - NOT INCLUDED

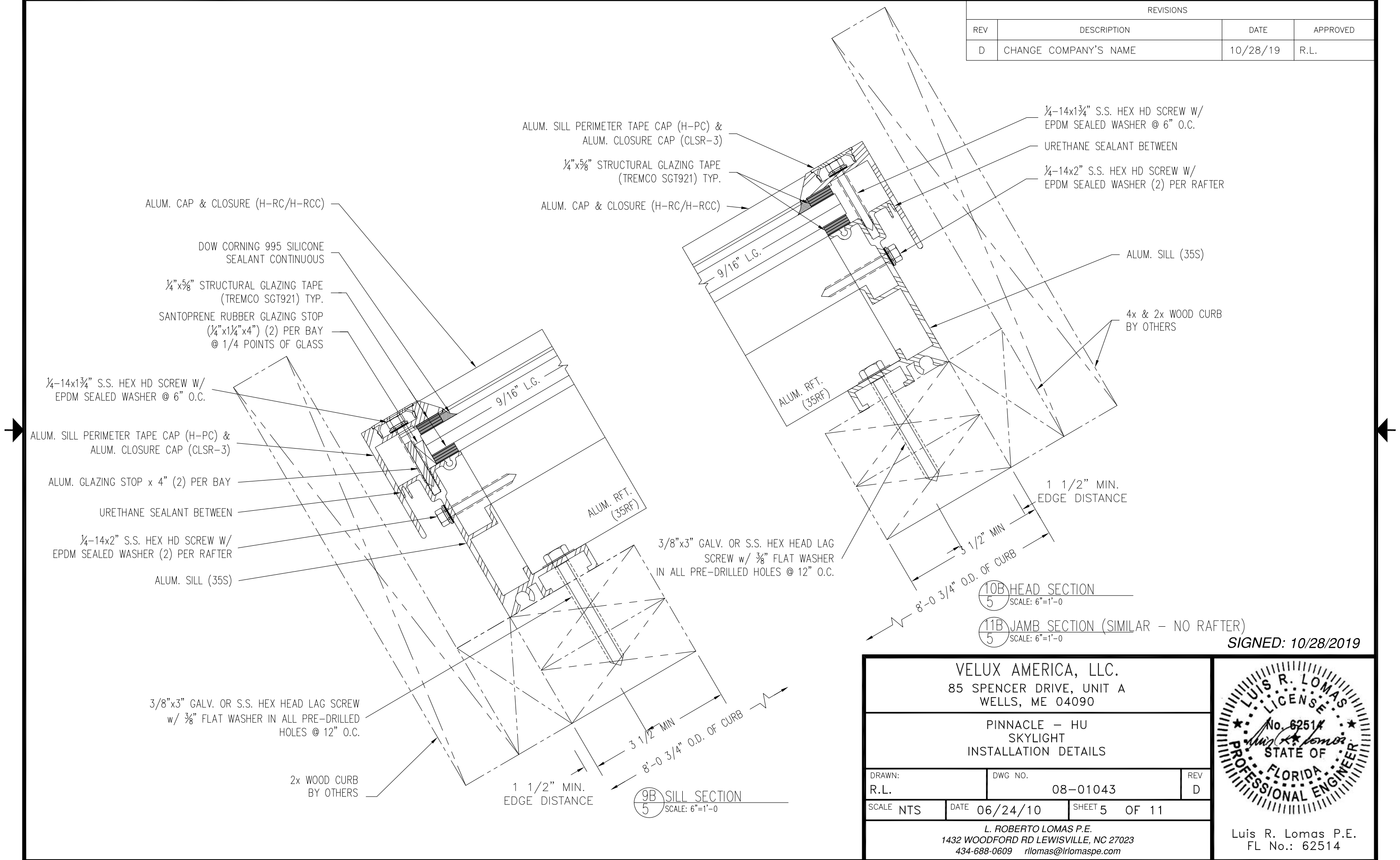
VELUX AMERICA, LLC. 85 SPENCER DRIVE, UNIT A WELLS, ME 04090		
PINNACLE - HU SKYLIGHT INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-01043	REV D
SCALE NTS	DATE 06/24/10	SHEET 4 OF 11
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

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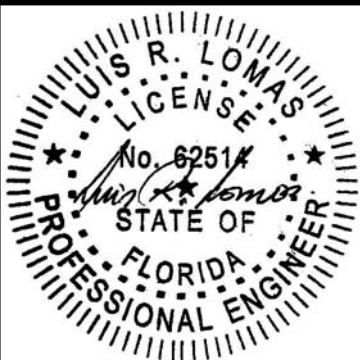
10B HEAD SECTION
5 SCALE: 6"=1'-0

11B JAMB SECTION (SIMILAR - NO RAFTER)
5 SCALE: 6"=1'-0

9B SILL SECTION
5 SCALE: 6"=1'-0

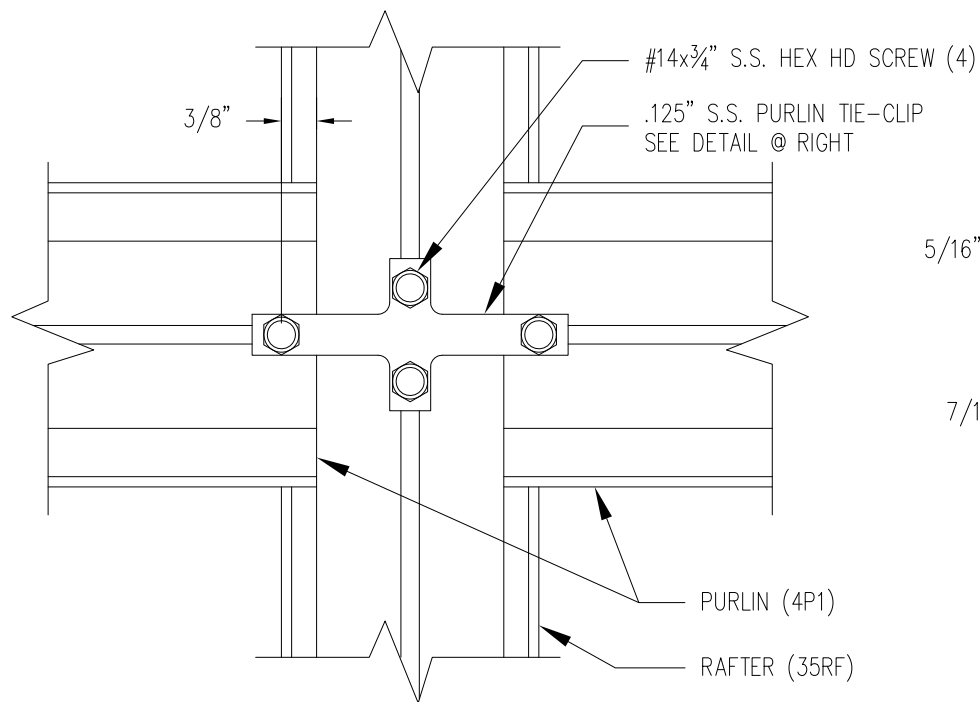
SIGNED: 10/28/2019

VELUX AMERICA, LLC. 85 SPENCER DRIVE, UNIT A WELLS, ME 04090		
PINNACLE – HU SKYLIGHT INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-01043	REV D
SCALE NTS	DATE 06/24/10	SHEET 5 OF 11
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

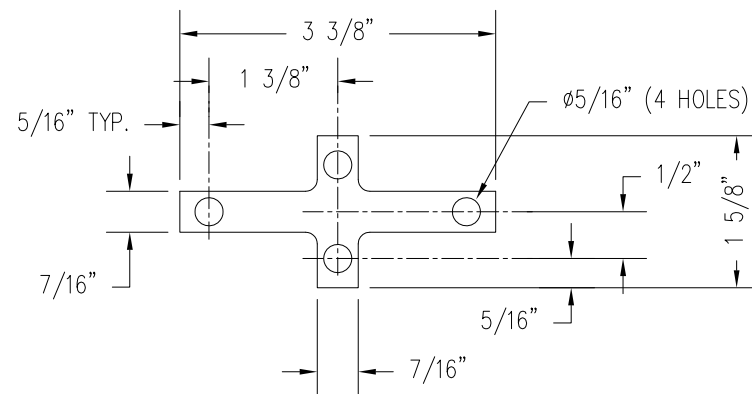


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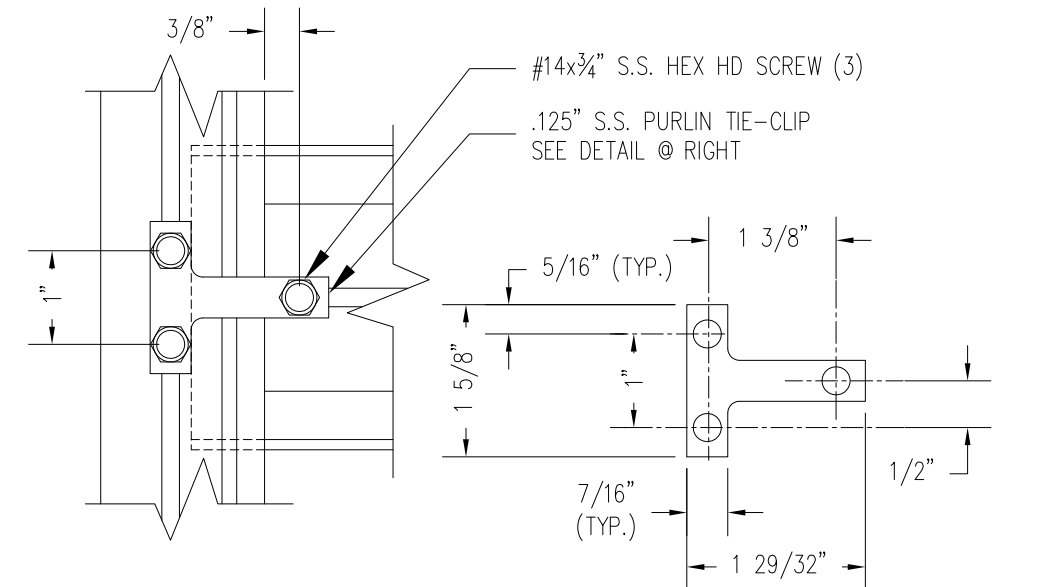
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REV	DESCRIPTION	DATE	APPROVED
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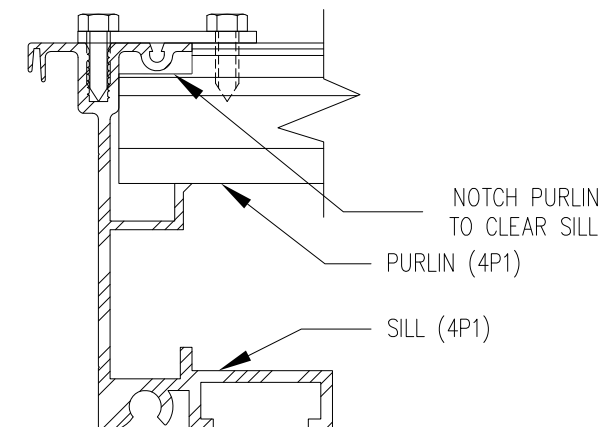
RAFTER TO PURLIN CONNECTION



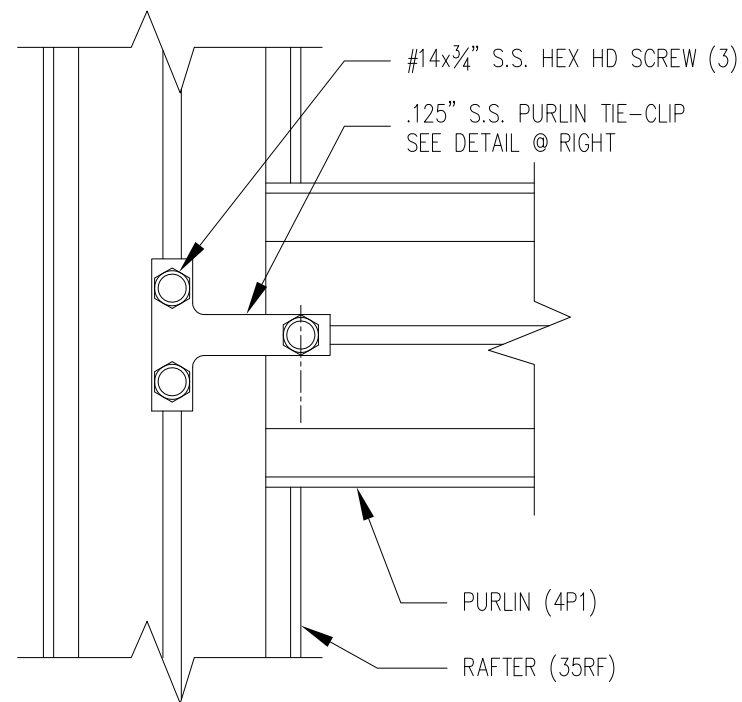
PURLIN TIE-CLIP (RAFTER TO PURLIN)
(A304 STAINLESS STEEL)



PURLIN TIE-CLIP
(SILL & END RAFTER TO PURLIN)
(A304 STAINLESS STEEL)



PURLIN TIE-CLIP (SILL TO PURLIN - TYP. SINGLE PITCH UNITS)
(A304 STAINLESS STEEL)



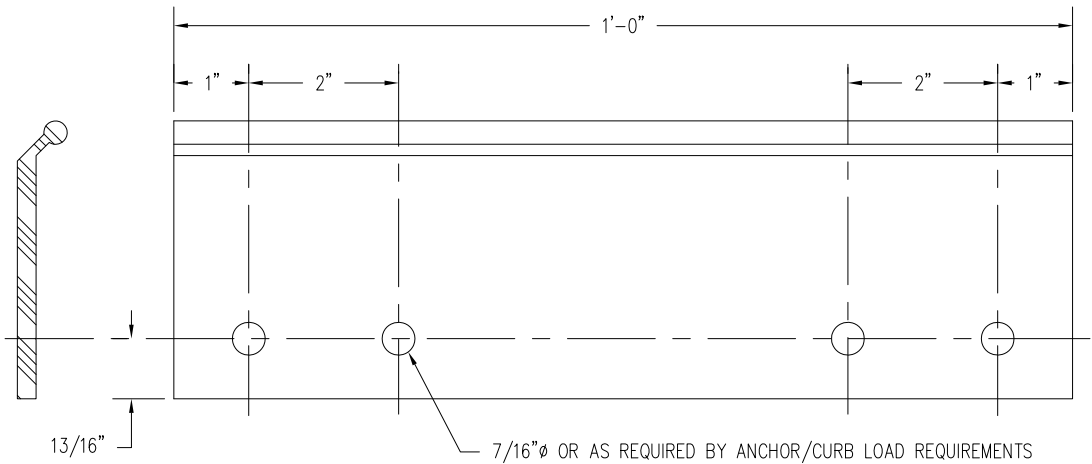
END RAFTER TO PURLIN CONNECTION

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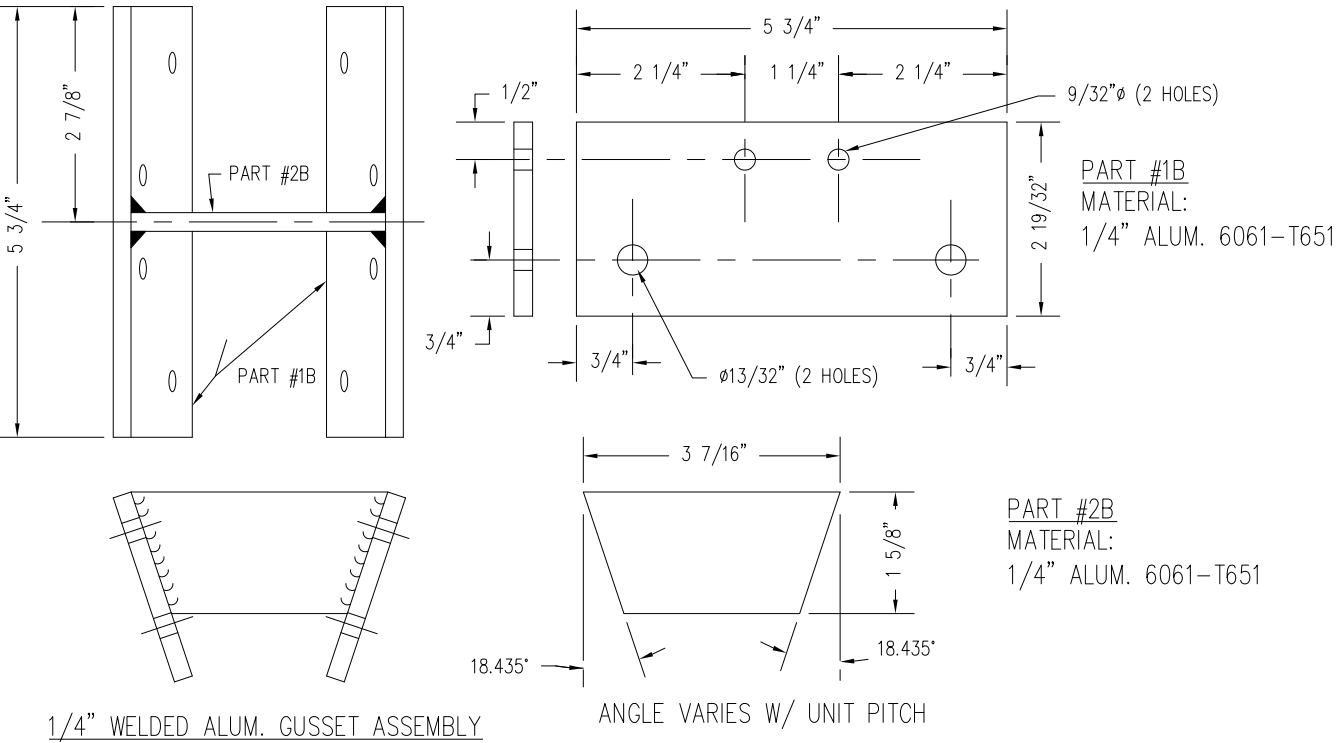
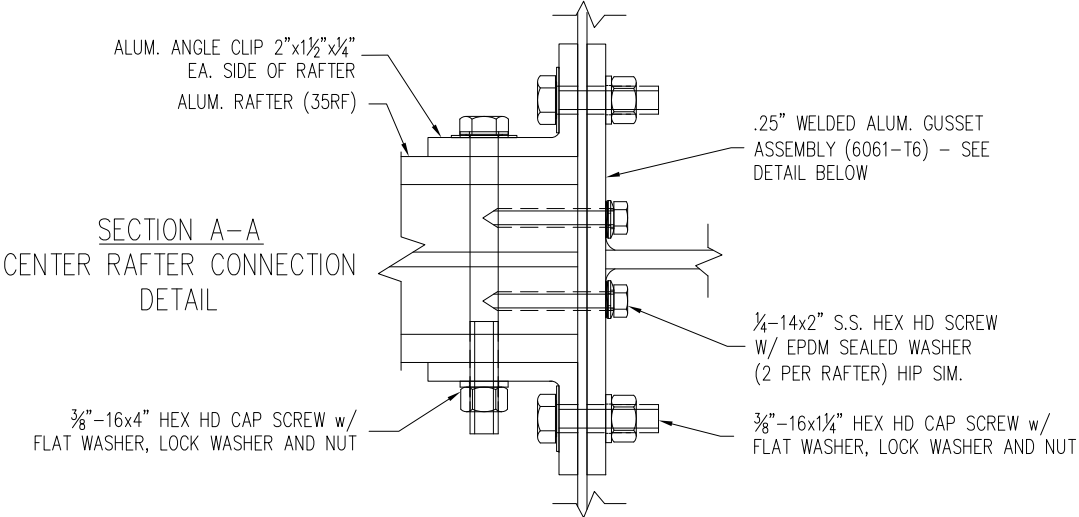
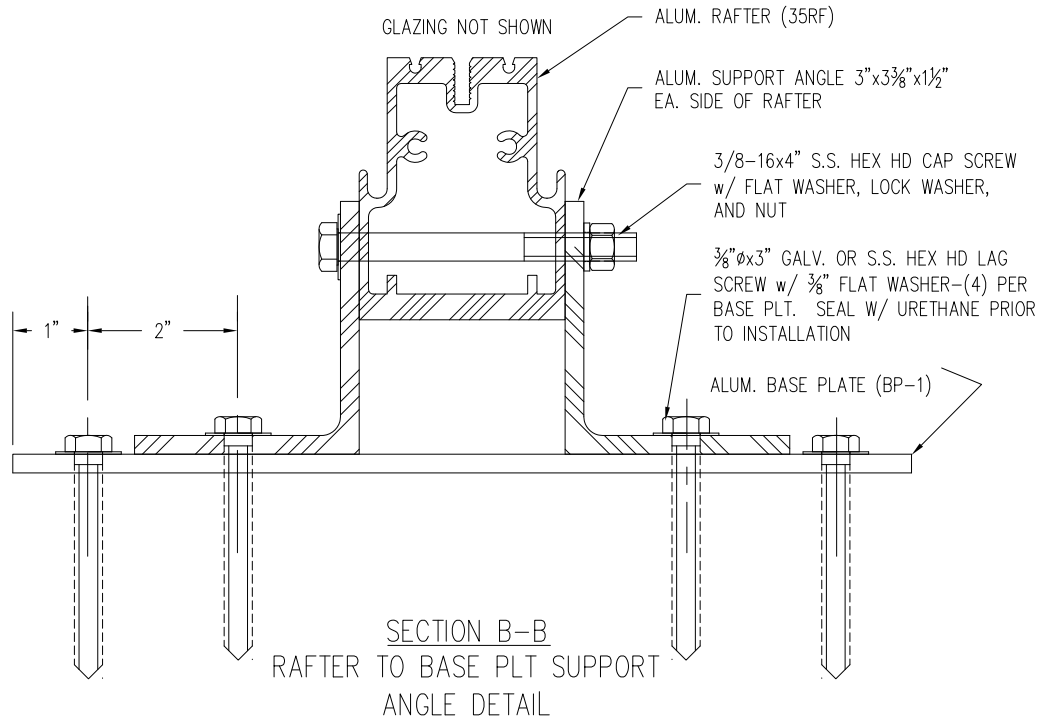
VELUX AMERICA, LLC. 85 SPENCER DRIVE, UNIT A WELLS, ME 04090			
PINNACLE – HU SKYLIGHT INSTALLATION DETAILS			
DRAWN: R.L.	DWG NO. 08-01043	REV D	
SCALE NTS	DATE 06/24/10	SHEET 6 OF 11	
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com			

Luis R. Lomas P.E.
FL No.: 62514

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BASE PLATE DETAIL (BP-1)
SCALE: 6" = 1'-0'



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VELUX AMERICA, LLC.

85 SPENCER DRIVE, UNIT A
WELLS, ME 04090

PINNACLE – HU
SKYLIGHT
INSTALLATION DETAILS

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DWG NO.

08-01043

REV

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SCALE

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OF

11

L. ROBERTO LOMAS P.E.

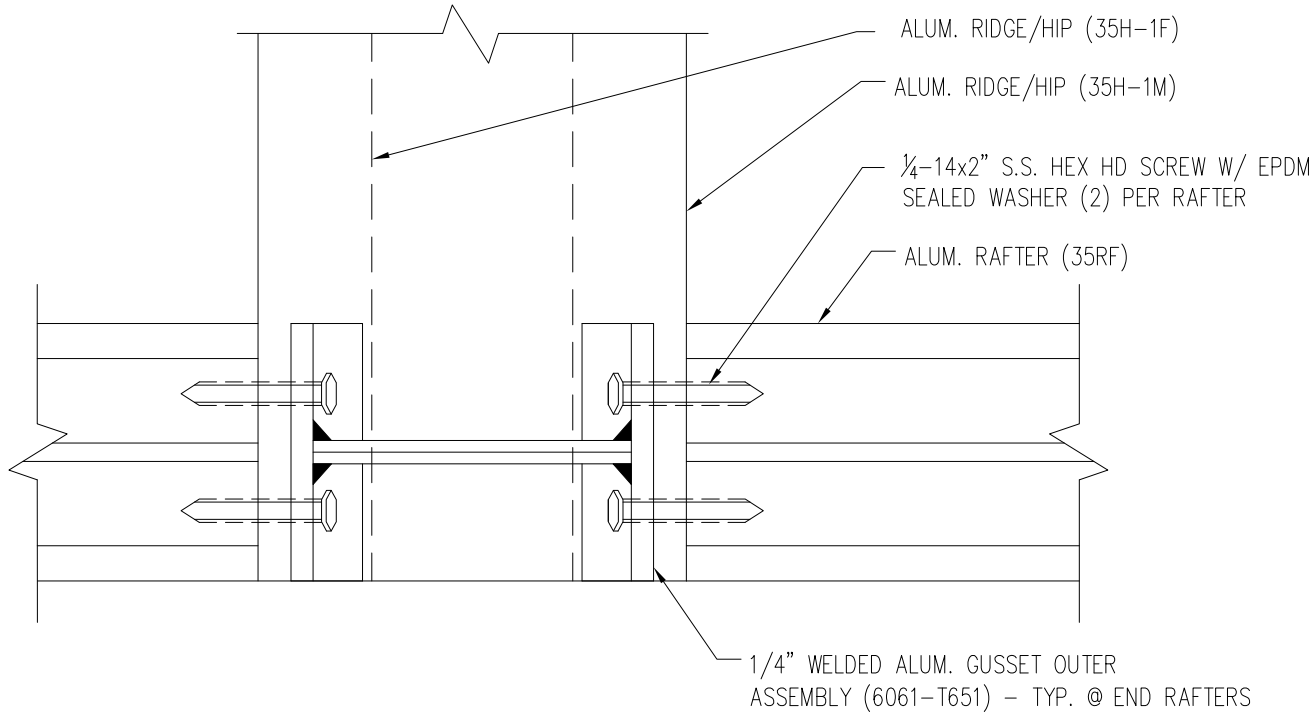
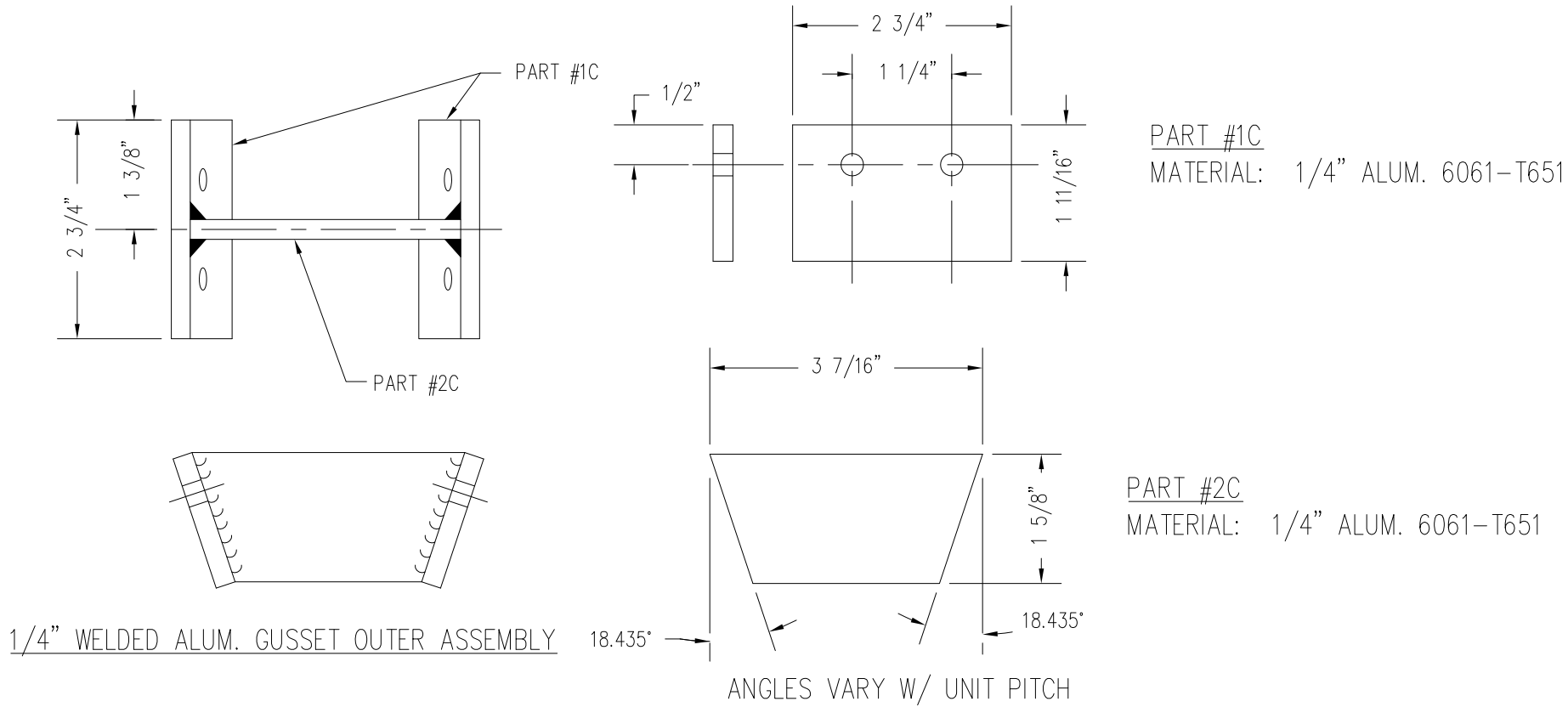
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SECTION C-C
END RAFTER TO RIDGE/HIP GUSSET CONNECTION DETAIL

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VELUX AMERICA, LLC.

85 SPENCER DRIVE, UNIT A

WELLS, ME 04090

PINNACLE – HU

SKYLIGHT

INSTALLATION DETAILS

DRAWN: R.L.

DWG NO. 08-01043

REV D

SCALE NTS

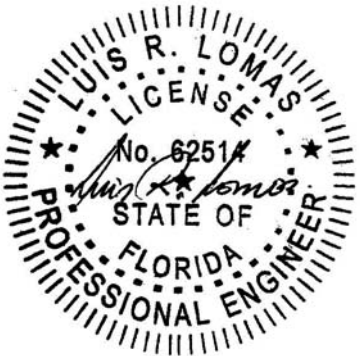
DATE 06/24/10

SHEET 8 OF 11

L. ROBERTO LOMAS P.E.

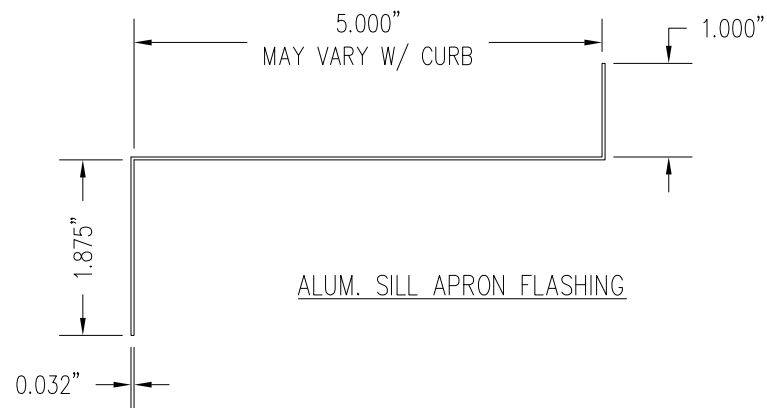
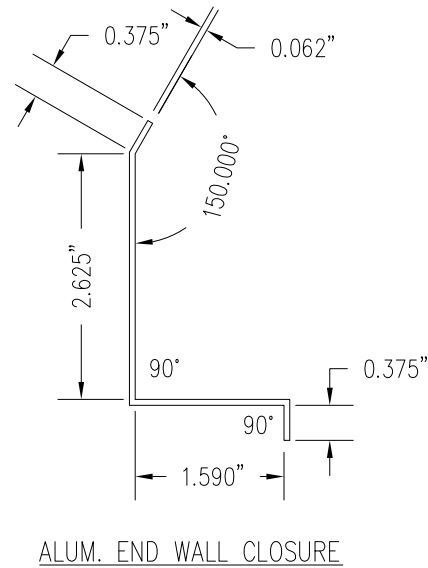
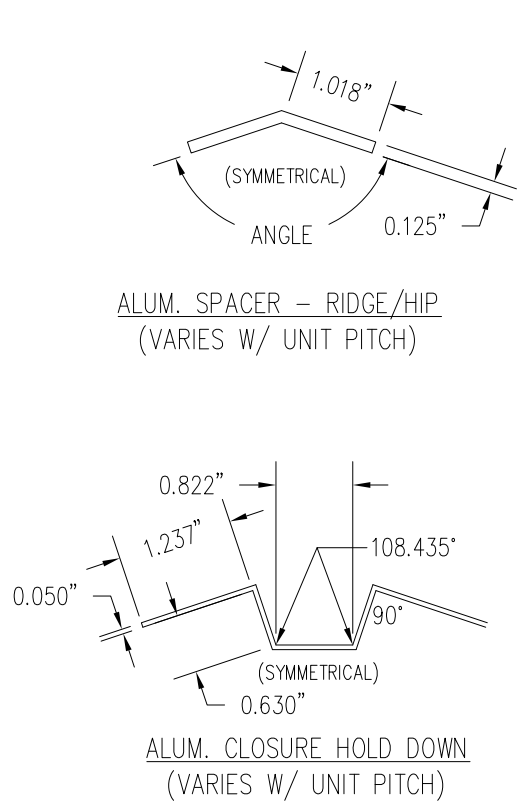
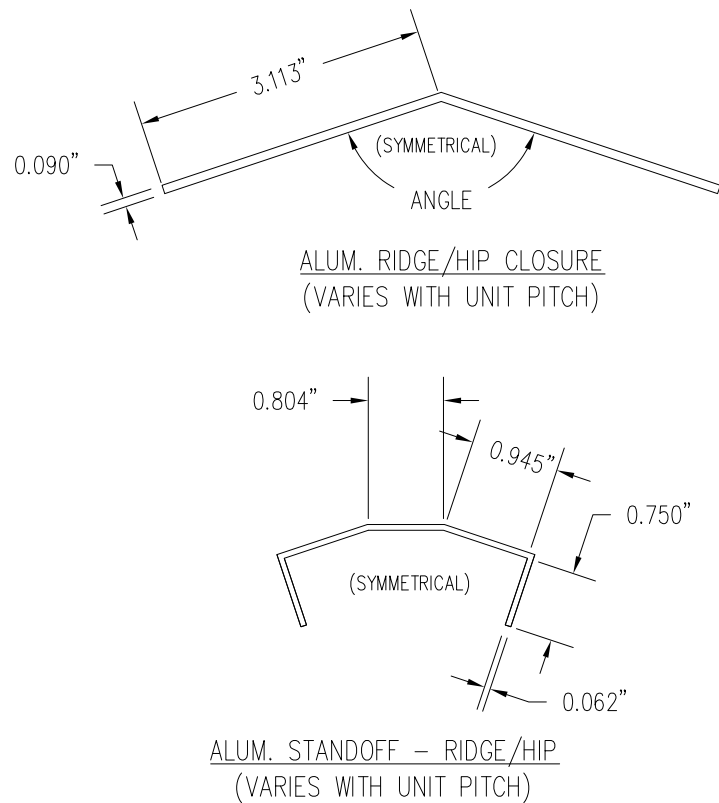
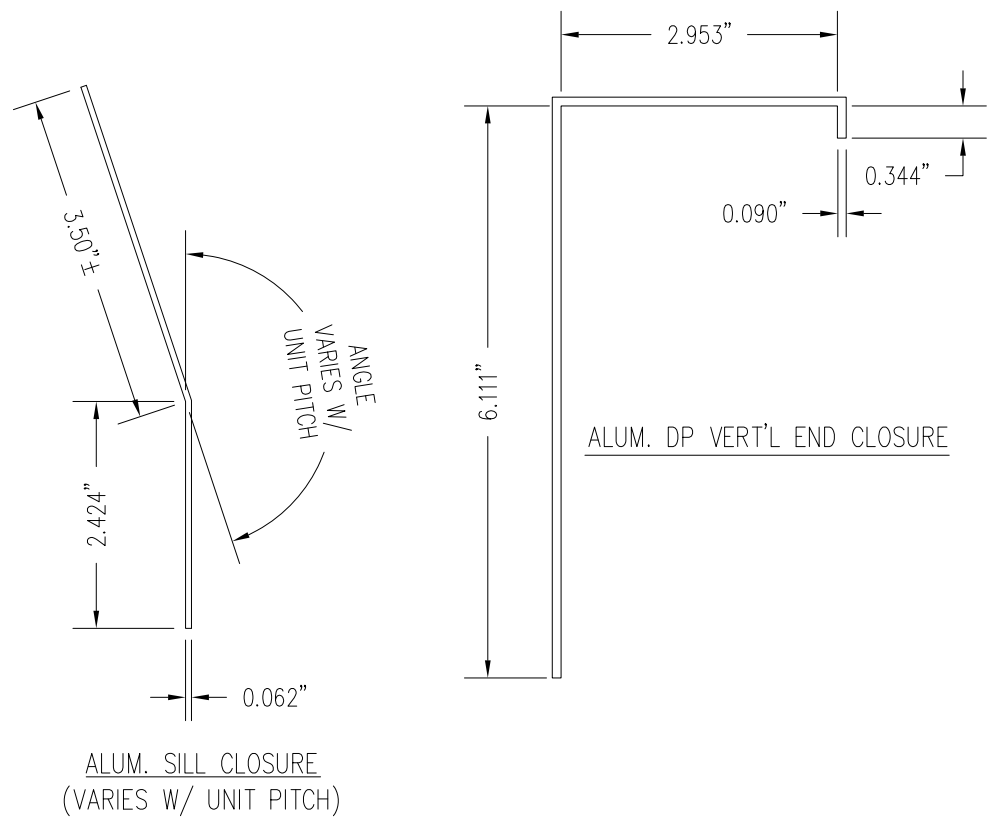
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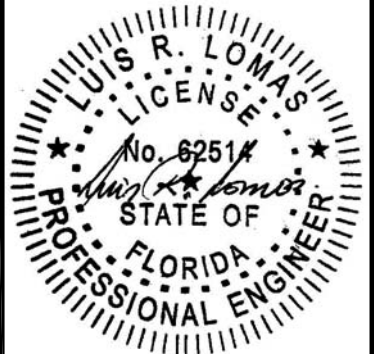
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FL No.: 62514

REVISIONS			
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D	CHANGE COMPANY'S NAME	10/28/19	R.L.



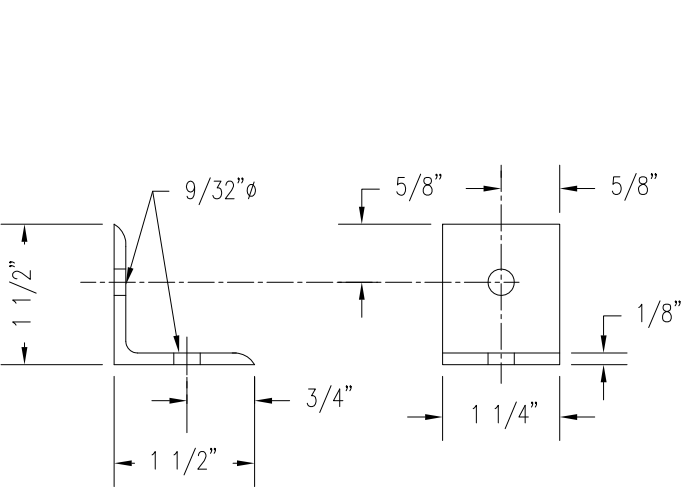
VELUX AMERICA, LLC. 85 SPENCER DRIVE, UNIT A WELLS, ME 04090		
PINNACLE – HU SKYLIGHT COMPONENTS		
DRAWN: R.L.	DWG NO. 08-01043	REV D
SCALE NTS	DATE 06/24/10	SHEET 9 OF 11
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@lrlomaspe.com		

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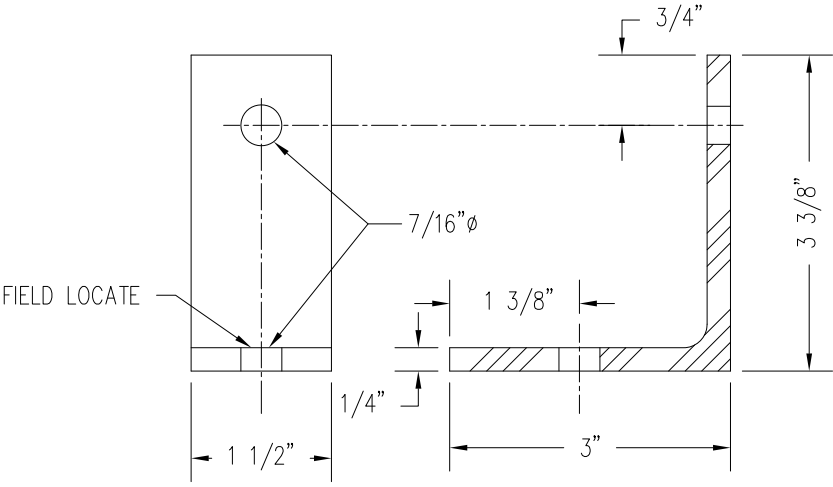


Luis R. Lomas P.E.
FL No.: 62514

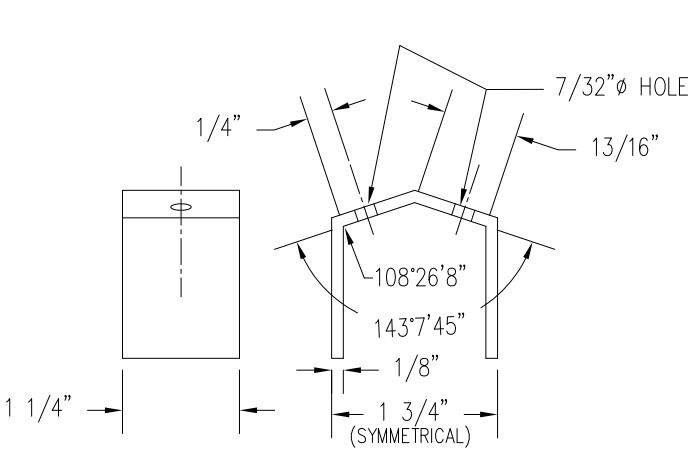
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	CHANGE COMPANY'S NAME	10/28/19	R.L.



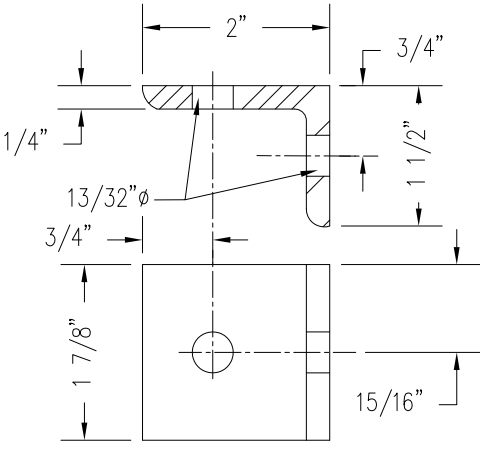
VE MULLION ALUM. BOTTOM
SUPPORT ANGLE



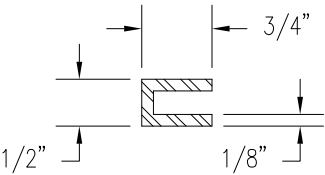
ALUM. RAFTER SUPPORT ANGLE @ SILL END
(6061-T6)
DIMS. MAY VARY W/ UNIT PITCH



VE MULLION ALUM. TOP CLIP
(VARIES W/ UNIT PITCH)



ALUM. RAFTER CLIP @ CTR RAFTERS
(6061-T6)



ALUM. CHANNEL SPACER
(6063-T5)

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VELUX AMERICA, LLC.

85 SPENCER DRIVE, UNIT A

WELLS, ME 04090

PINNACLE – HU

SKYLIGHT

COMPONENTS

DRAWN:

DWG NO.

REV

R.L.

08-01043

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10 OF 11

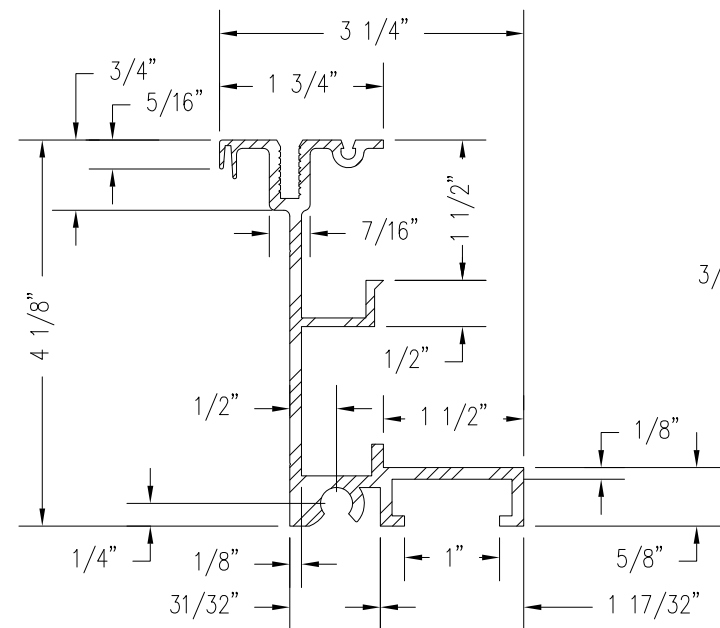
L. ROBERTO LOMAS P.E.

1432 WOODFORD RD LEWISVILLE, NC 27023

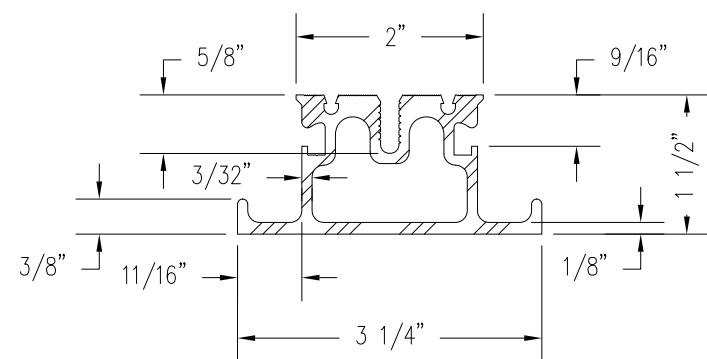
434-688-0609 rllomas@lrlomaspe.com



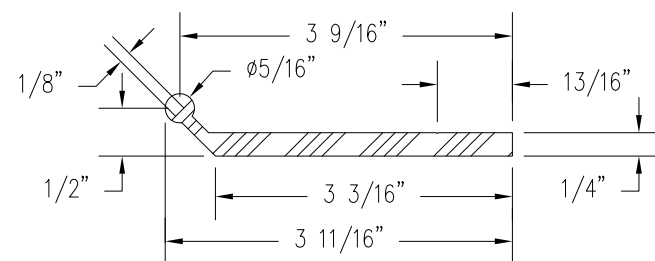
Luis R. Lomas P.E.
FL No.: 62514



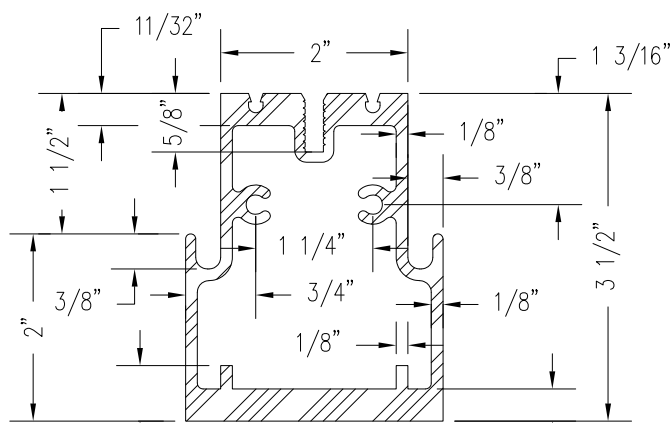
SILL EXTRUSION (35S)



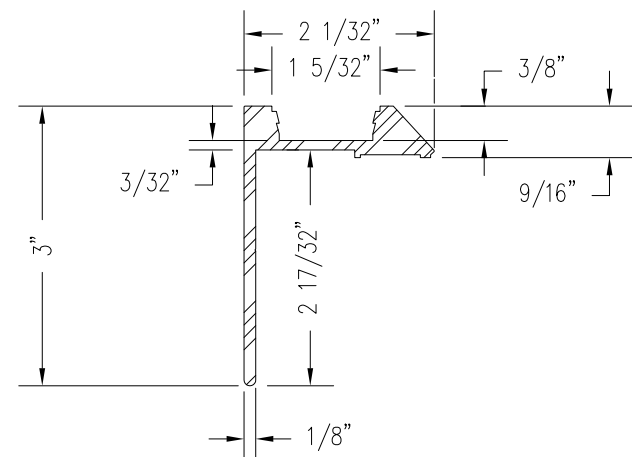
PURLIN EXTRUSION (4P1)



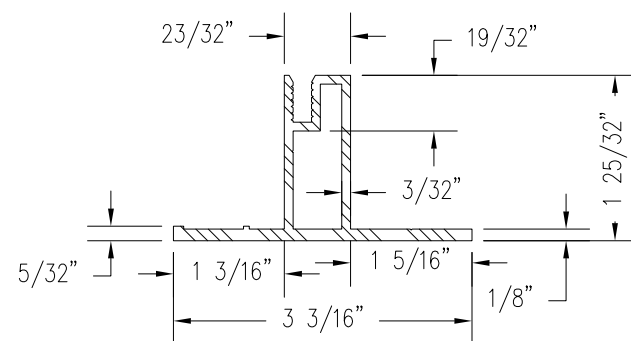
BASE PLATE EXTRUSION (BP-1)



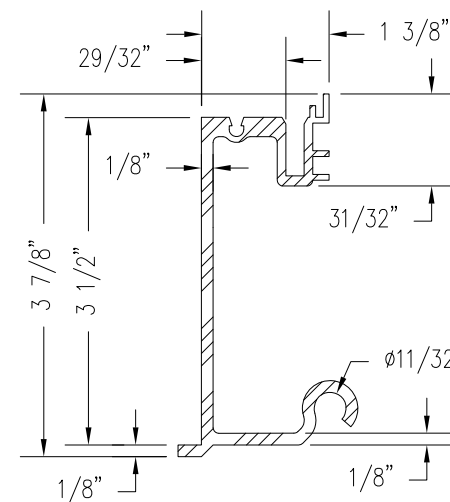
PINNACLE HR (35RF)
RAFTER EXTRUSION



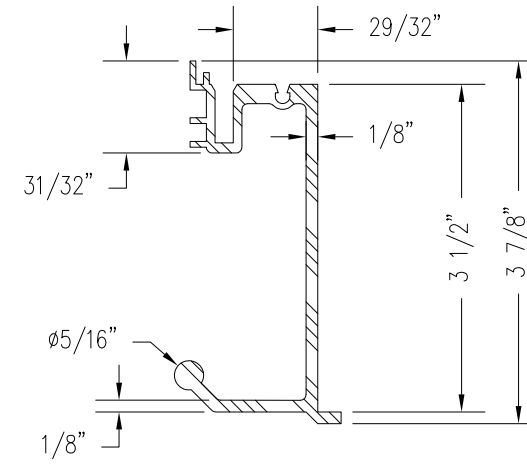
SILL PERIMETER TAPE CAP EXTRUSION (H-PC)



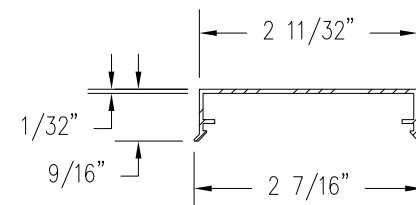
VE RAKE SASH EXTRUSION (H-RS)



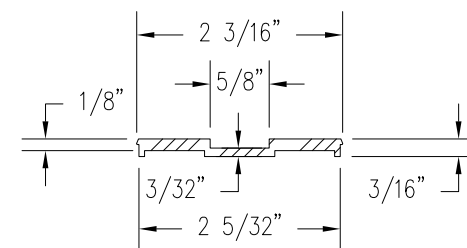
RIDGE/HIP EXTRUSION (35H-1F)



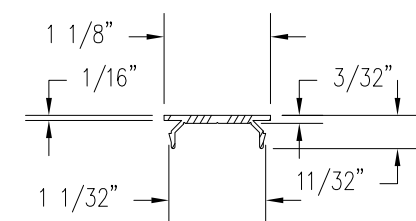
RIDGE/HIP EXTRUSION (35H-1M)



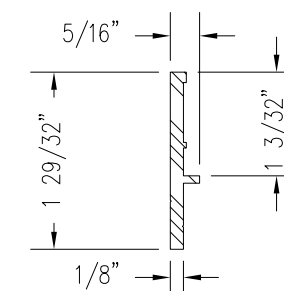
CLOSURE EXTRUSION (H-RCC)



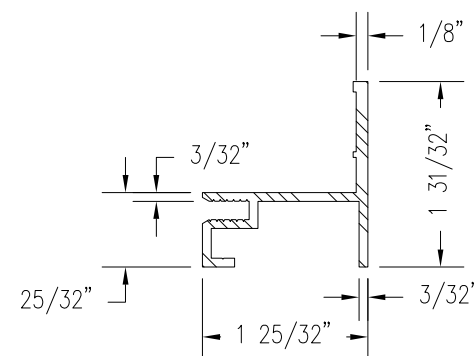
CAP EXTRUSION (H-RC)



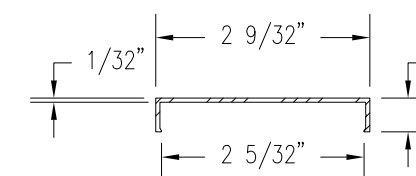
SILL CLOSURE CAP EXTRUSION



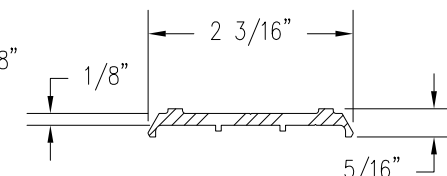
SASH CAP EXTRUSION (H-SC)



VE SASH EXTRUSION (H-HS)



VE MULLION CLOSURE EXTRUSION (H-MCC)



VE MULLION CAP EXTRUSION (H-MC)

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
D	CHANGE COMPANY'S NAME	10/28/19	R.L.

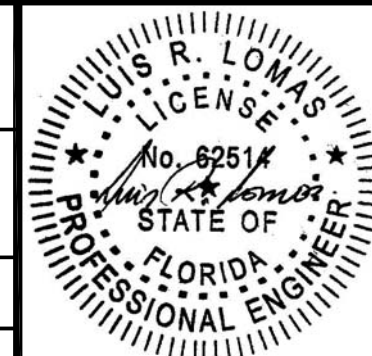
VELUX AMERICA, LLC.
85 SPENCER DRIVE, UNIT A
WELLS, ME 04090

PINNACLE - HU
SKYLIGHT
COMPONENTS

DRAWN: R.L.	DWG NO. 08-01043	REV D
SCALE NTS	DATE 06/24/10	SHEET 11 OF 11

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