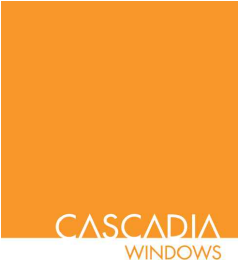


UNIVERSAL WINDOW WALL

TYPICAL DETAILS



CASCADIA

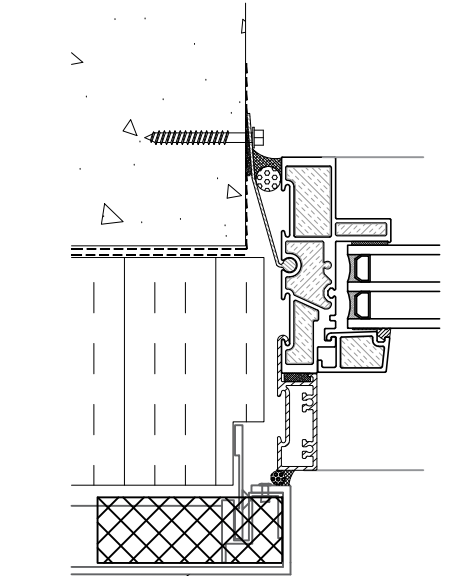
#101-5350 275TH STREET
LANGLEY, BC CANADA V4W 0C1
604-857-4600

PROJECT TITLE:
UNIVERSAL
WINDOW
WALL

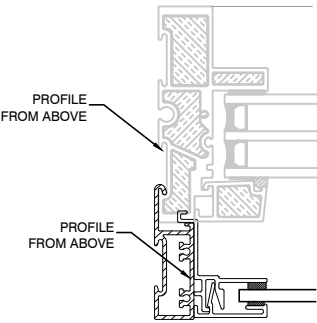
ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.28/20
3	VERSION 3	AUG.09/23

DRAWING
TITLE:
WINDOW WALL
PLAN DETAILS

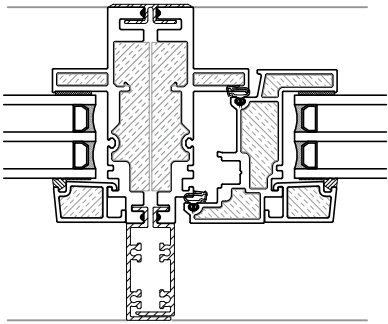
SCALE: N.T.S.	DRAWING NO.:
DATE: AUG. 09, 2023	WWO
DRAWN BY: CH	
PROJECT #:	



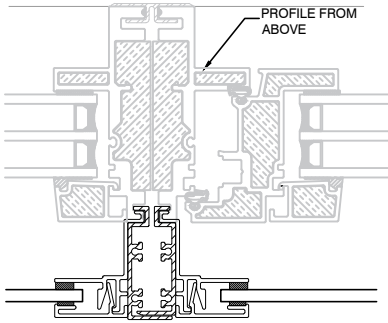
1 WINDOW WALL JAMB



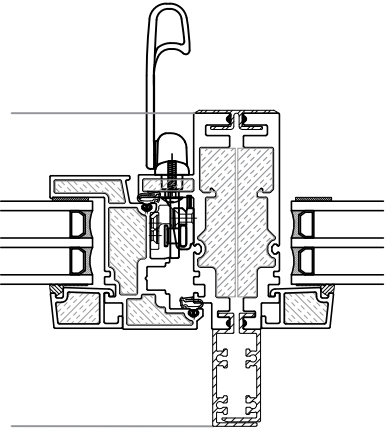
4 JAMB @ SLAB BYPASS



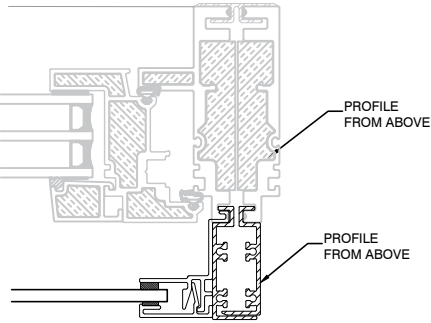
2 VERTICAL COUPLER



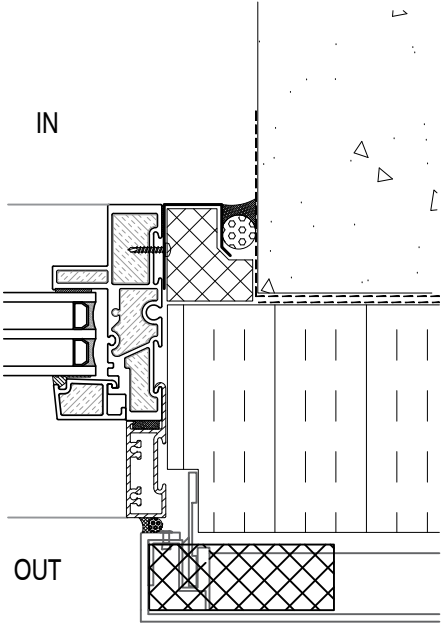
5 COUPLER @ SLAB BYPASS



3 WINDOW WALL COUPLED JAMB

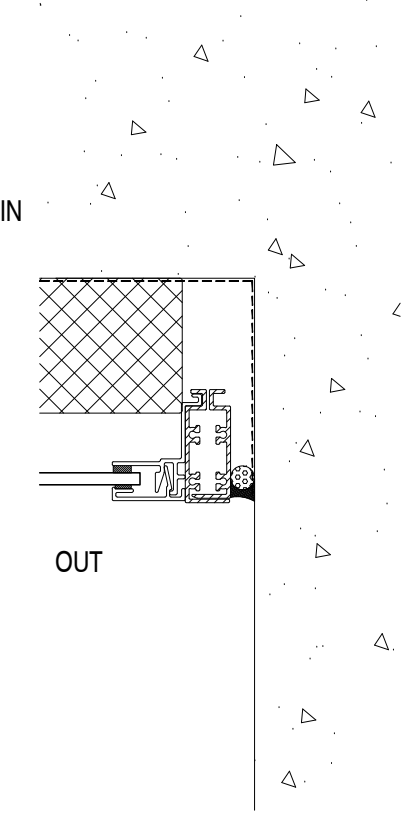


6 COUPLED JAMB @ SLAB BYPASS



10 CRUMPLE ZONE JAMB

MAY BE NEEDED FOR R.O. HEIGHTS BEYOND 9'



11 BYPASS JAMB AT BALCONY EDGE



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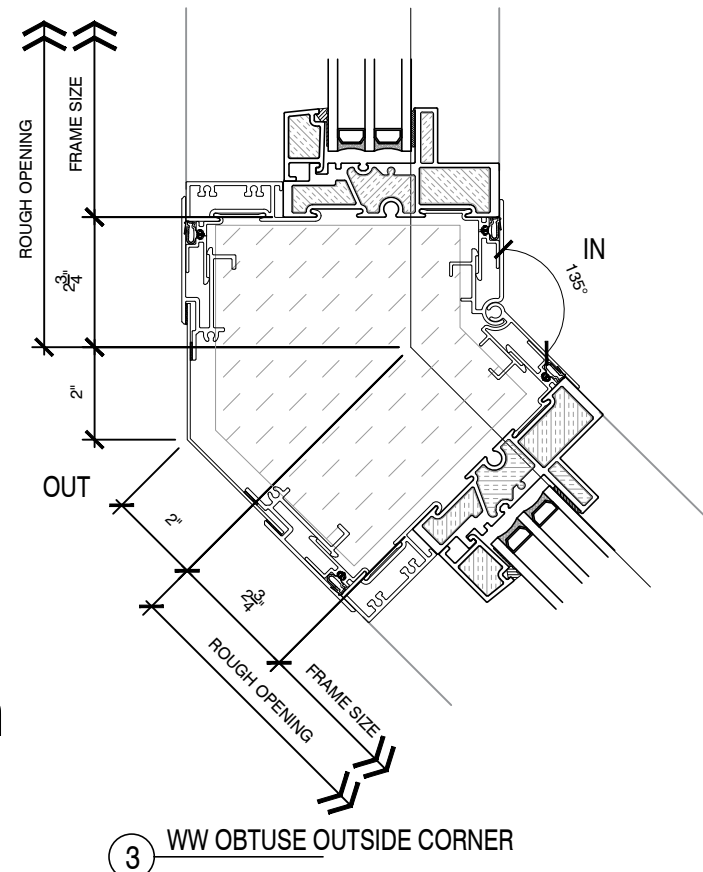
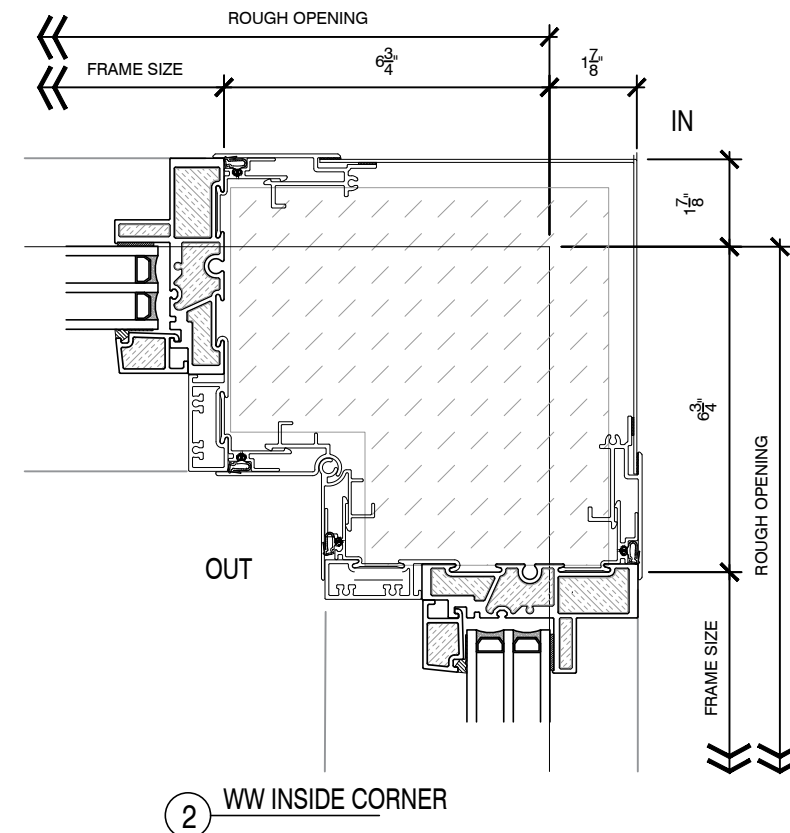
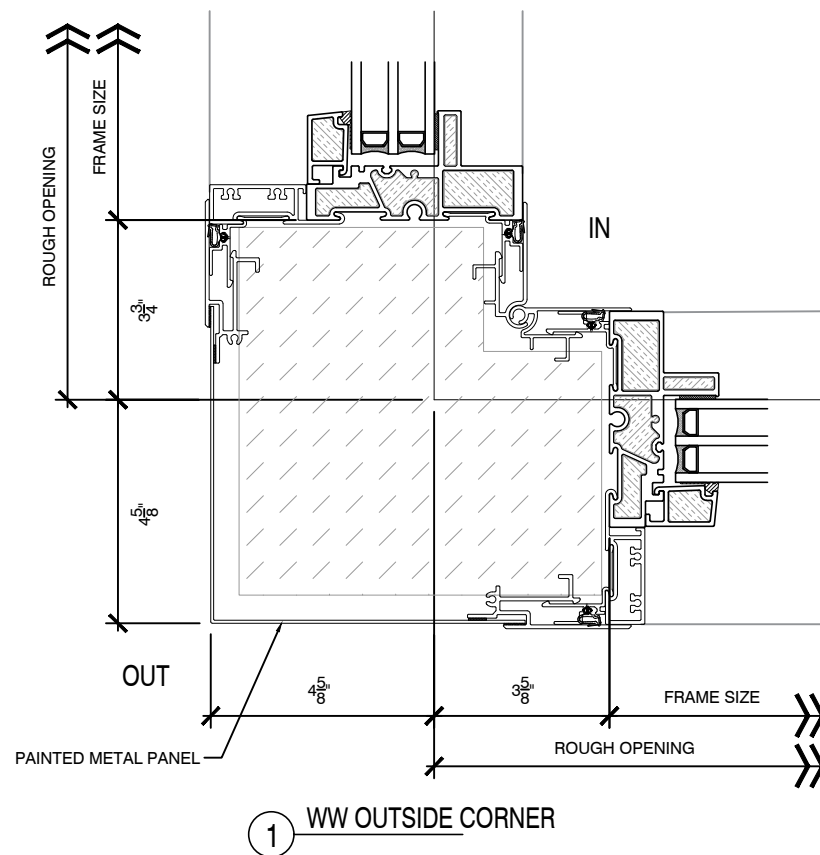
ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.26/20
3	VERSION 3	AUG.09/23

DRAWING

TITLE:
WINDOW WALL
PLAN DETAILS

SCALE: N.T.S.
DATE: AUG. 09, 2023
DRAWN BY: CH
PROJECT #:

DRAWING NO.:
WW1



All details apply to corners from 90 degrees to 135 degrees (inside or outside corners).

Note:
The corner extrusions & inner insulation is factory-assembled and delivered to site as a single module.

Install sequence:
Window 1 - Corner module -
Window 2
(starting from either side)



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ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.28/20
3	VERSION 3	AUG.09/23

DRAWING
TITLE:
**WINDOW WALL
PLAN DETAILS**

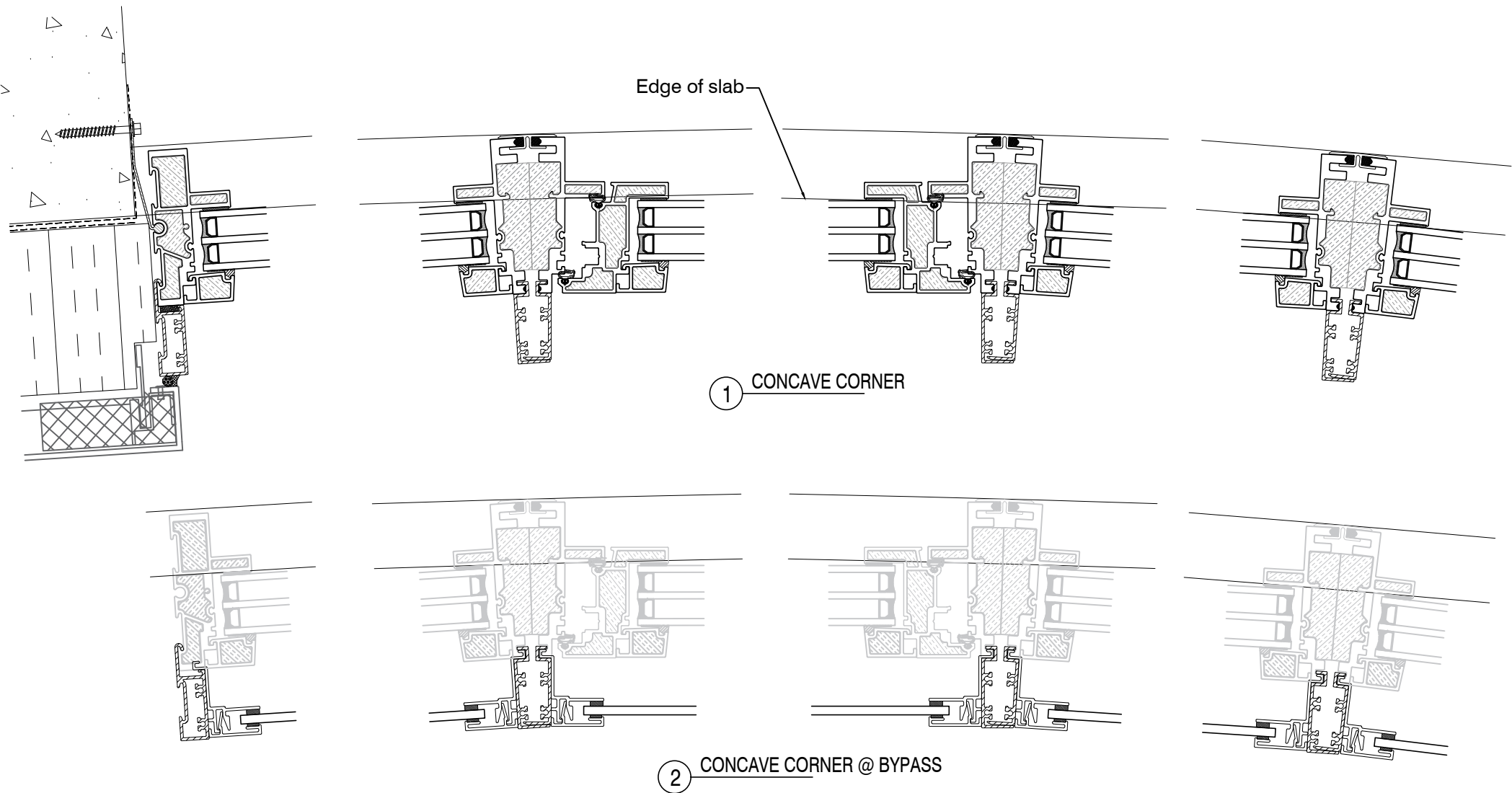
SCALE: N.T.S. DRAWING NO.:
DATE: AUG. 09, 2023
DRAWN BY: CH
PROJECT #:

WW2



CASCADIA

#101-5350 275TH STREET
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PROJECT TITLE:
UNIVERSAL
WINDOW
WALL

ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.26/20
3	VERSION 3	AUG.09/23

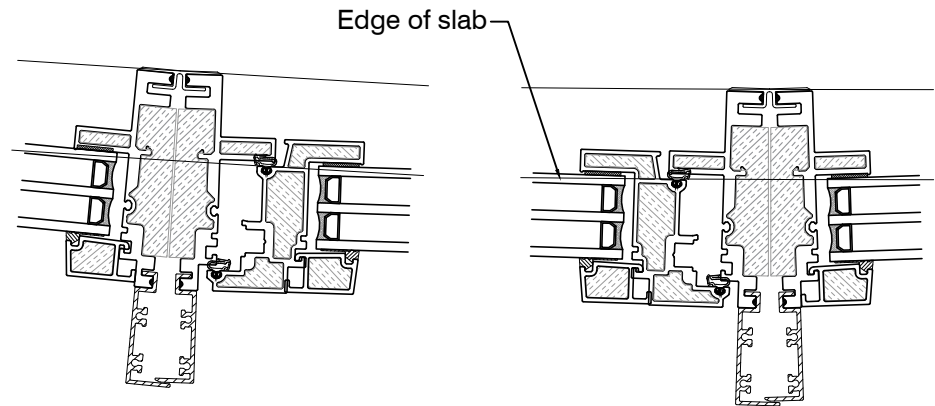
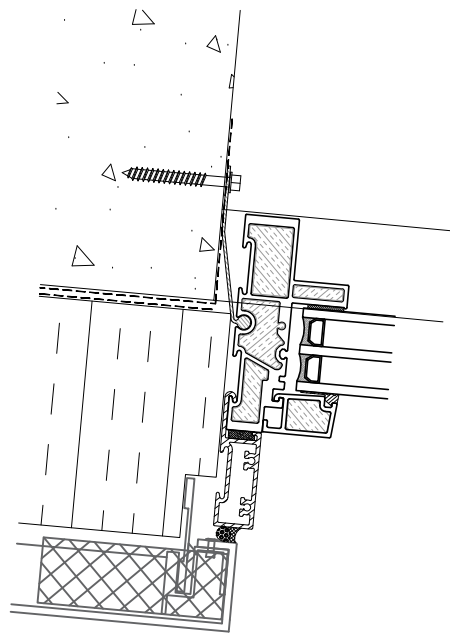
DRAWING
TITLE:
WINDOW WALL
PLAN DETAILS

SCALE: N.T.S.	DRAWING NO.:
DATE: AUG. 09, 2023	WW3
DRAWN BY: CH	
PROJECT #:	

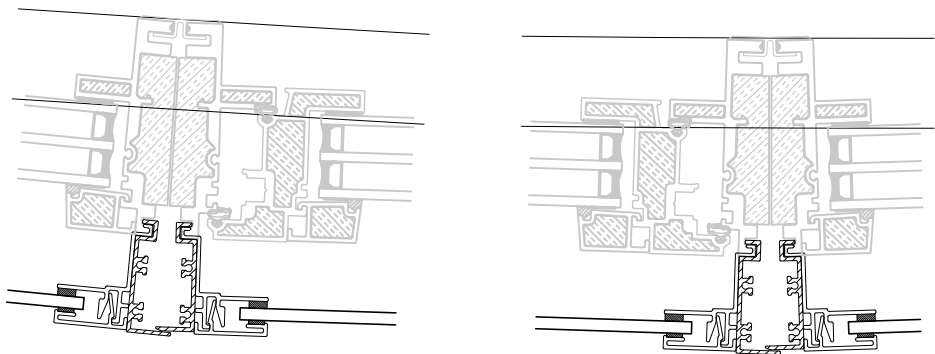
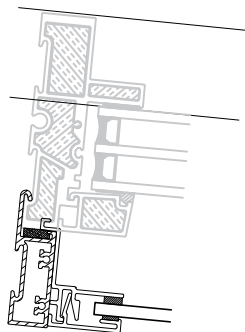
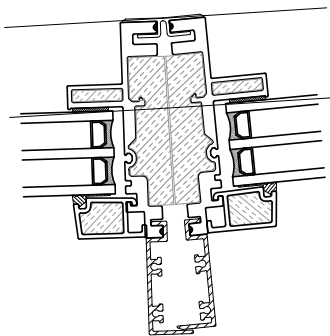


CASCADIA

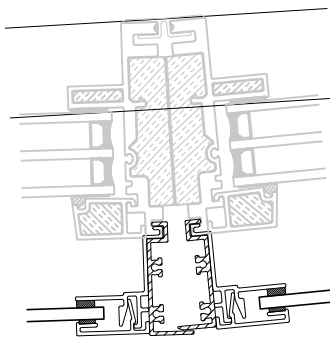
#101-5350 275TH STREET
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1 CONVEX CORNER



2 CONVEX CORNER @ BYPASS



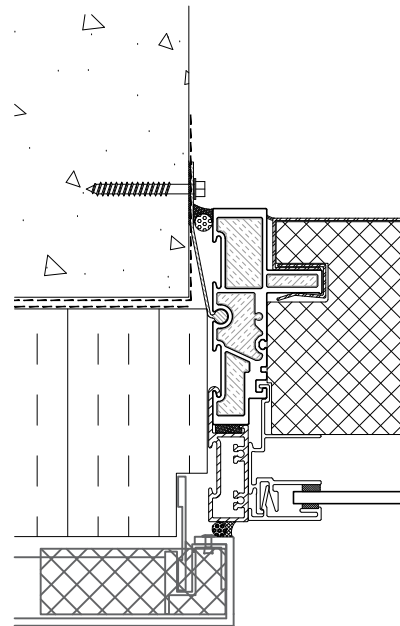
PROJECT TITLE:
UNIVERSAL
WINDOW
WALL

ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.26/20
3	VERSION 3	AUG.09/23

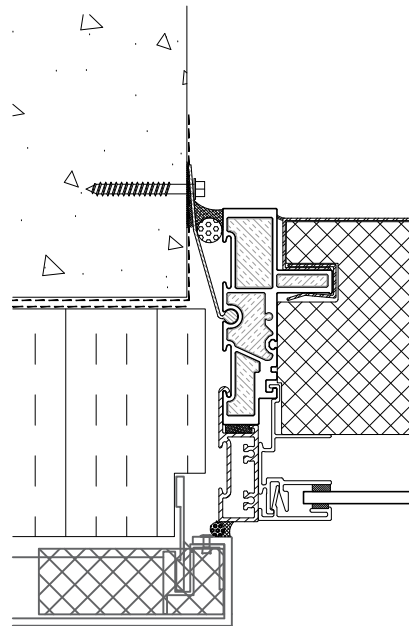
DRAWING
TITLE:
WINDOW WALL
PLAN DETAILS

SCALE: N.T.S.
DATE: AUG. 09, 2023
DRAWN BY: CH
PROJECT #:

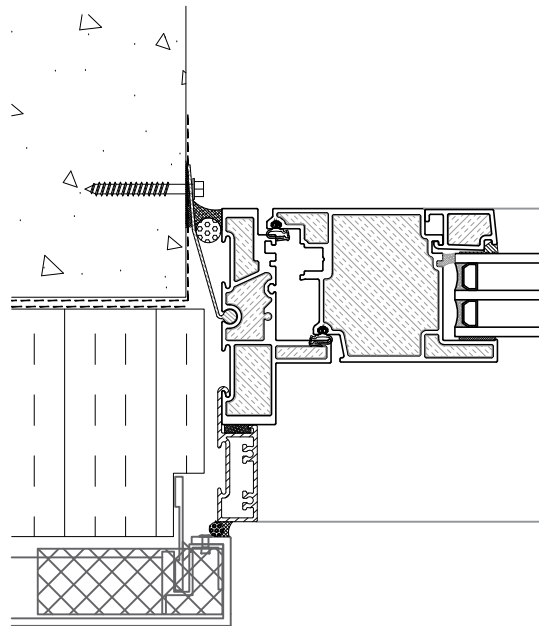
DRAWING NO.:
WW4



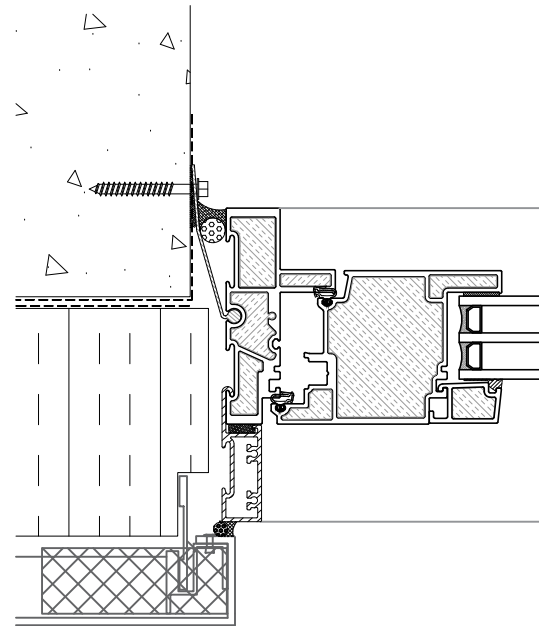
1a PREMIUM BACKPAN JAMB



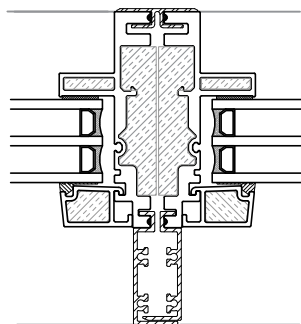
1 PREMIUM BACKPAN JAMB



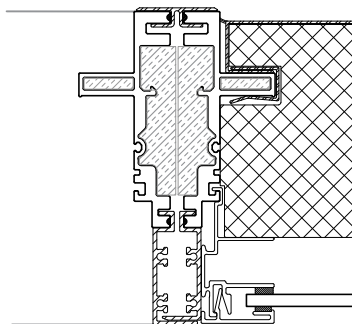
2 INSWING/INWARD SLIDER DOOR JAMB



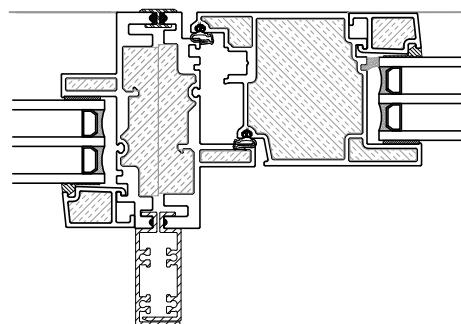
3 OUTSWING/OUTWARD SLIDER DOOR JAMB



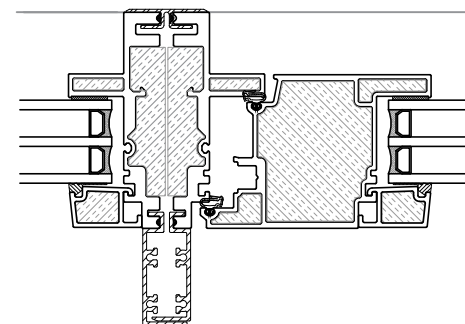
4 STANDARD COUPLER



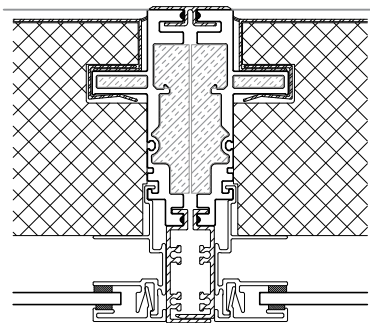
5 PREMIUM BACKPAN COUPLER



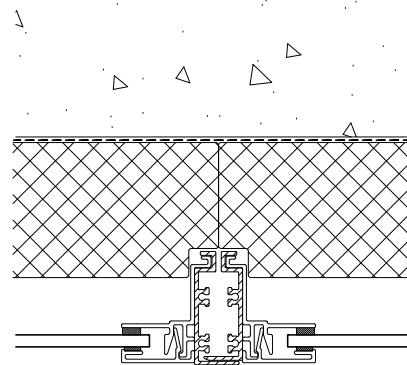
6 INSWING/INWARD SLIDER DOOR COUPLER



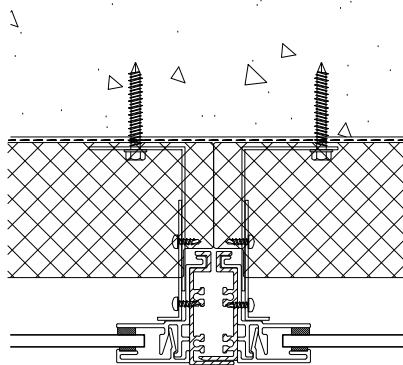
7 OUTSWING/OUTWARD SLIDER DOOR COUPLER



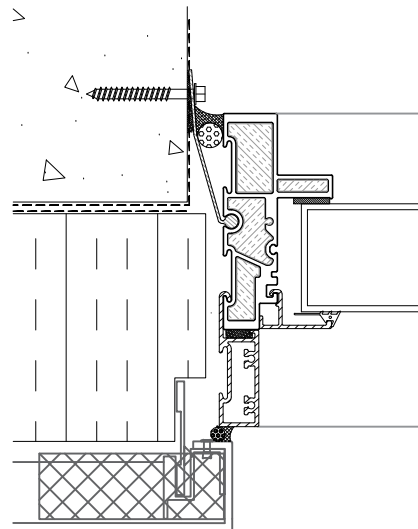
8 STANDARD BACKPAN COUPLER



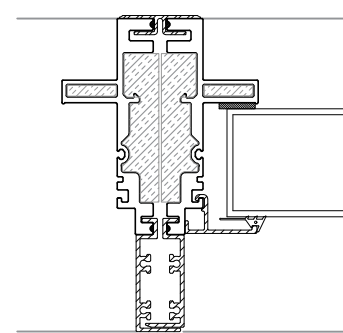
9 STANDARD BYPASS COUPLER



10 STANDARD PARAPET COUPLER



11 LOUVER JAMB



12 LOUVER COUPLER



CASCADIA

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PROJECT TITLE:
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ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.26/20
3	VERSION 3	AUG.09/23

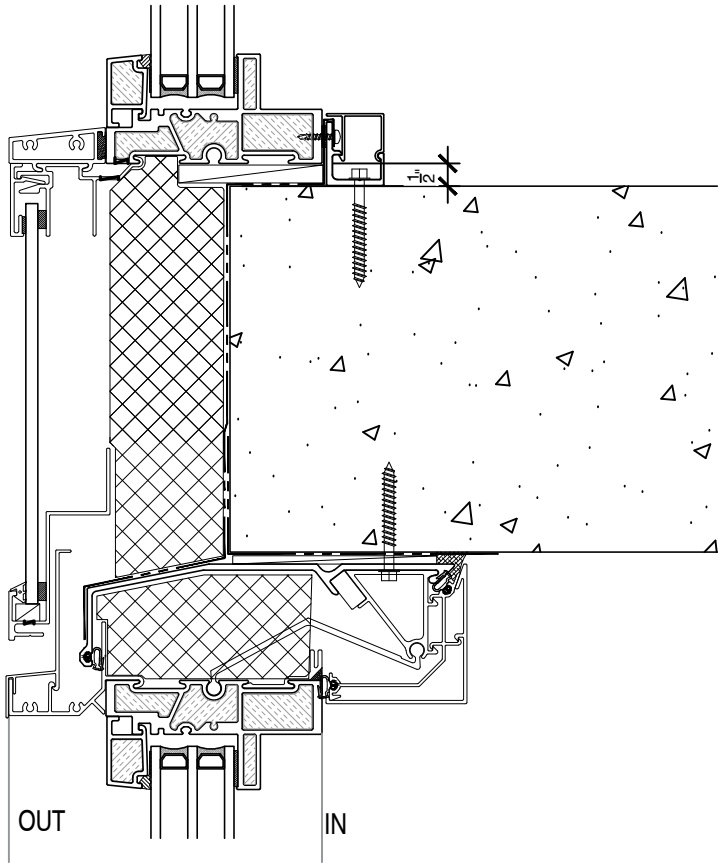
DRAWING
TITLE:
**WINDOW WALL
PLAN DETAILS**

SCALE: N.T.S.
DATE: AUG. 09, 2023
DRAWN BY: CH
PROJECT #:

DRAWING NO.:
WW5

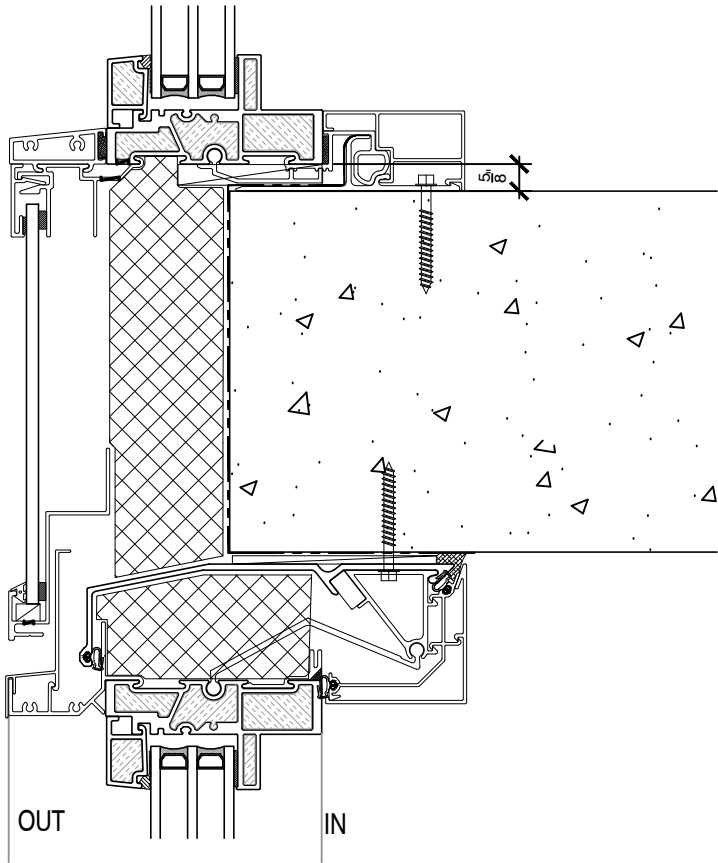
Product option: Sill Angle or Safety Sill Angle

1 WW SLAB BYPASS - SILL ANGLE & COVER CAP



2 FIBERGLASS DEFLECTION HEAD FLASHING
Default Head Detail In These Drawings

3 WW SLAB BYPASS - OPTIONAL SAFETY SILL



4 FIBERGLASS DEFLECTION HEAD FLASHING
Default Head Detail In These Drawings



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PROJECT TITLE:
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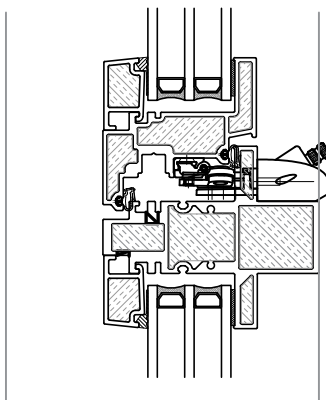
ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.28/20
3	VERSION 3	AUG.09/23

DRAWING
TITLE:
**WINDOW WALL
SECTION DETAILS**

SCALE: N.T.S.
DATE: AUG. 09, 2023
DRAWN BY: CH
PROJECT #:

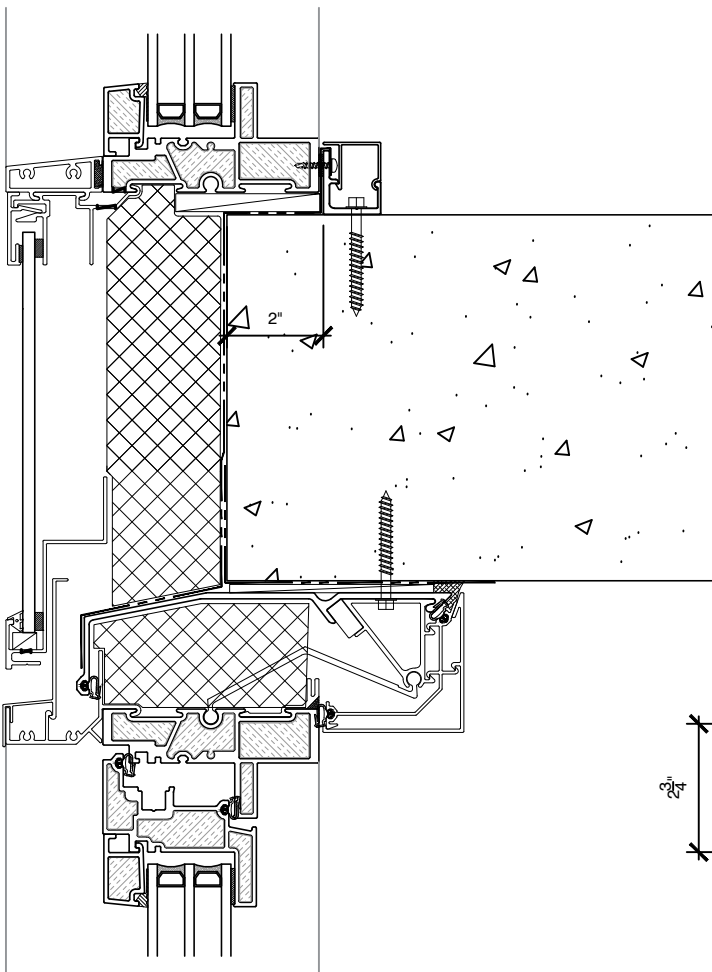
DRAWING NO.:
WW6

5 HORIZONTAL MULLION W/ OPERABLE



AVAILABLE AS SPANDREL
GLASS OR METAL PANEL

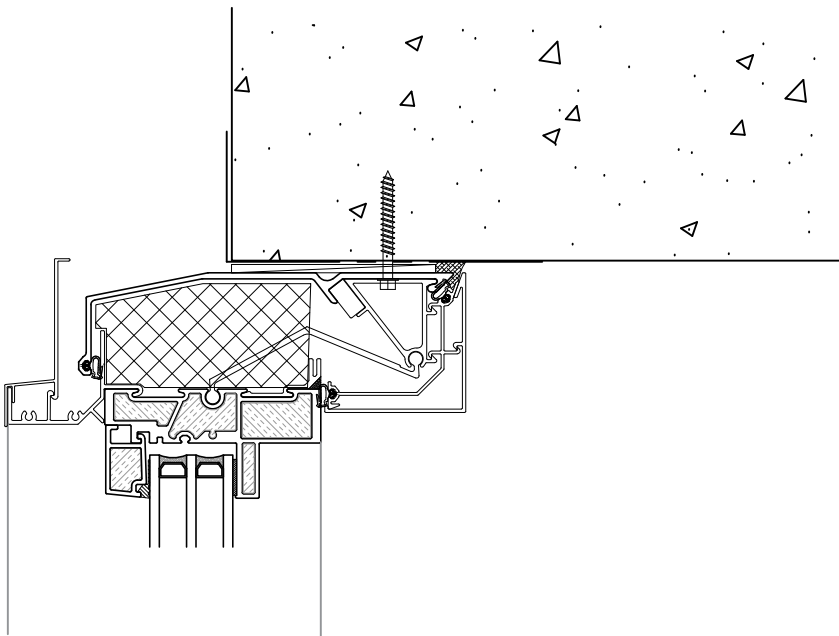
6 WW SLAB BYPASS



OUT

IN

8 HEAD DET.



9 SILL DET. AT PATIO / TERRACE

OUT

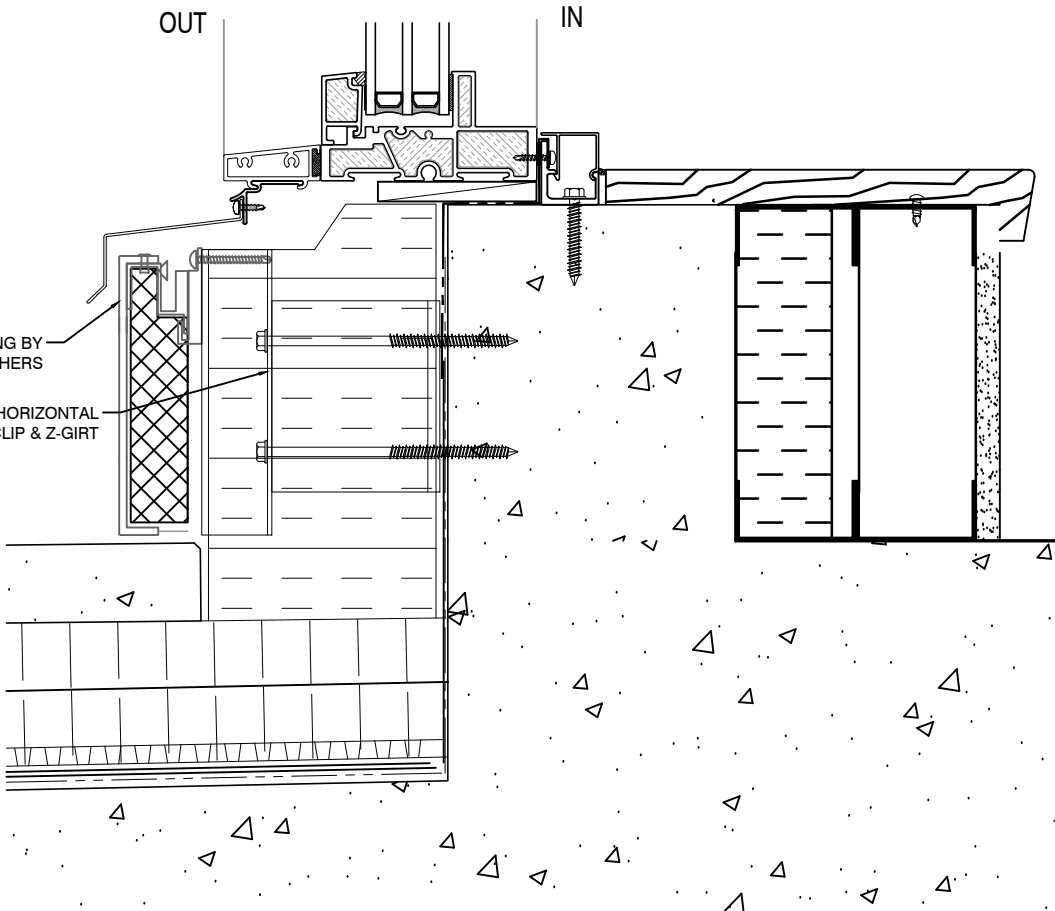
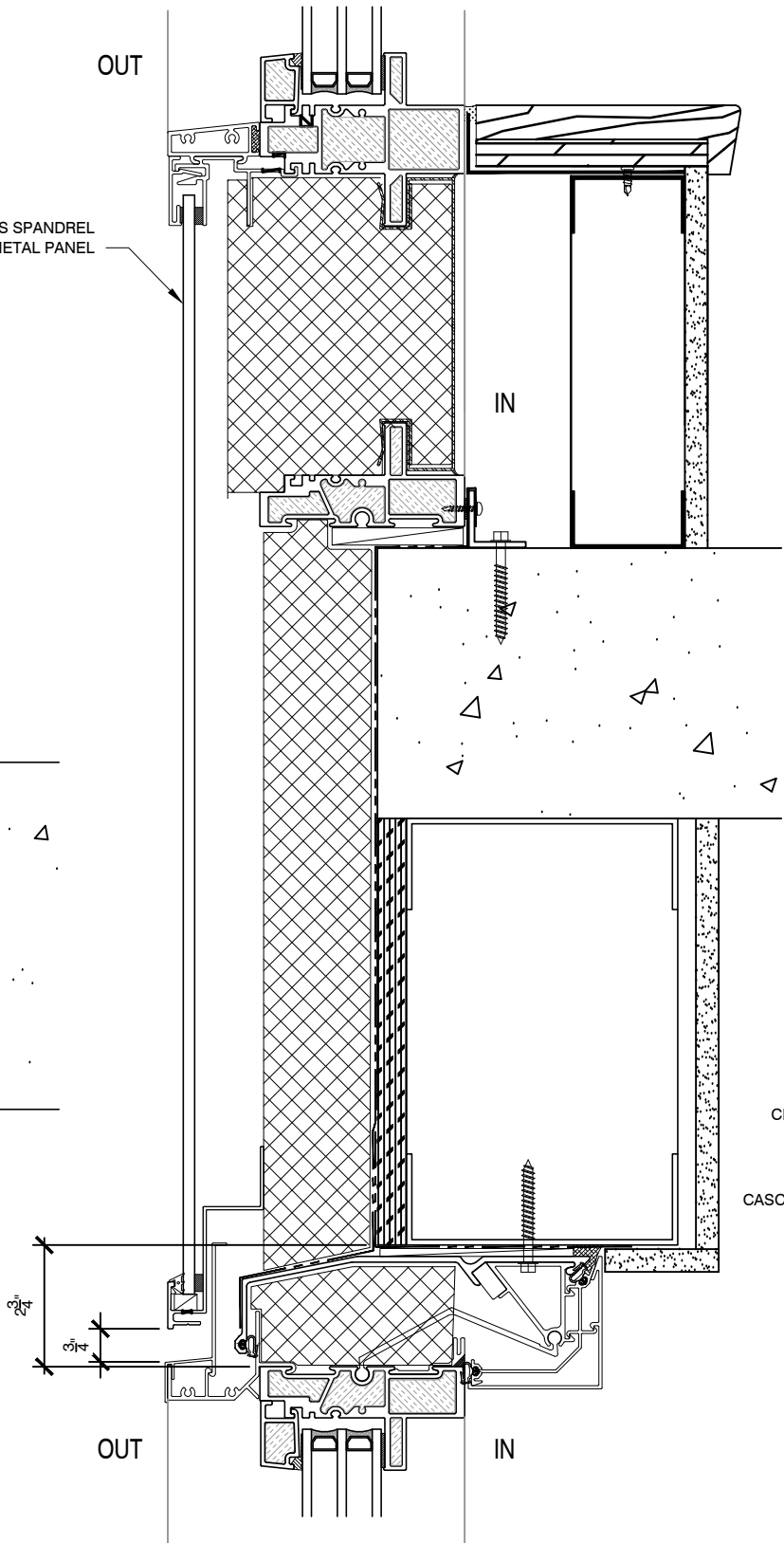
IN

CLADDING BY
OTHERS
3.5" HORIZONTAL
CASCADIA CLIP & Z-GIRT

OUT

IN

7 BUILT DOWN HEADER



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#101-5350 275TH STREET
LANGLEY, BC CANADA V4W 0C1
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PROJECT TITLE:
**UNIVERSAL
WINDOW
WALL**

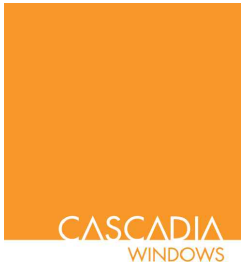
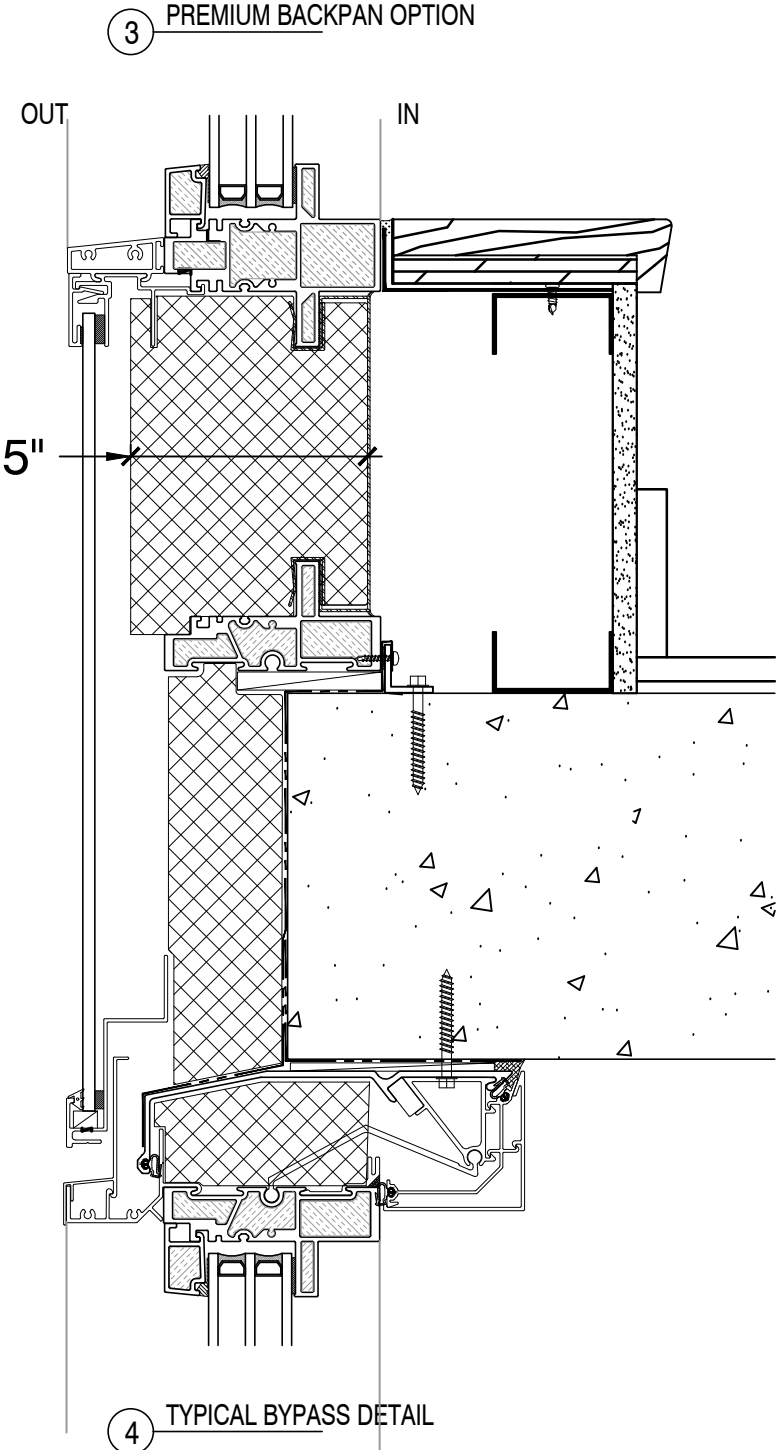
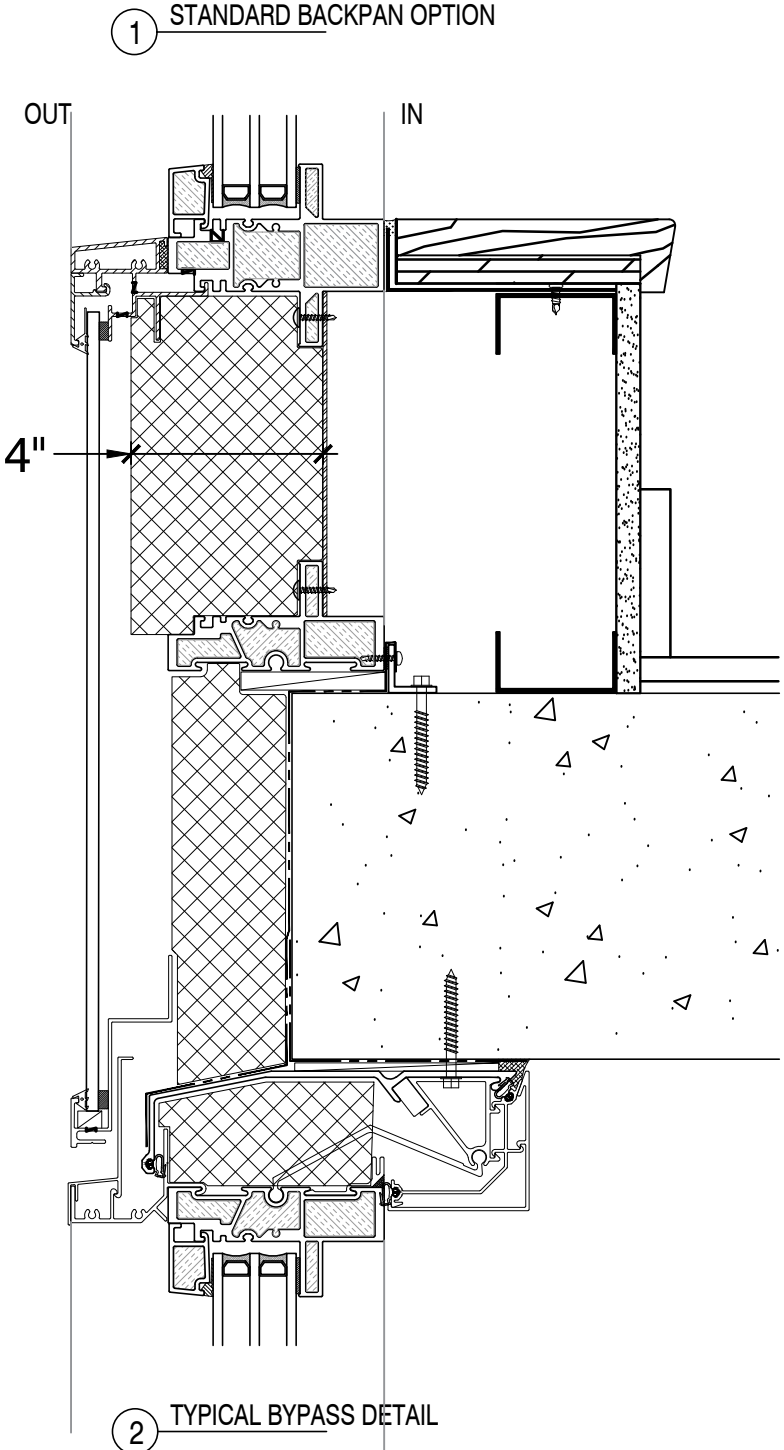
ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.26/20
3	VERSION 3	AUG.09/23

DRAWING
TITLE:
**WINDOW WALL
SECTION DETAILS**

SCALE: N.T.S.
DATE: AUG. 09, 2023
DRAWN BY: CH
PROJECT #:

DRAWING NO.:
WW7

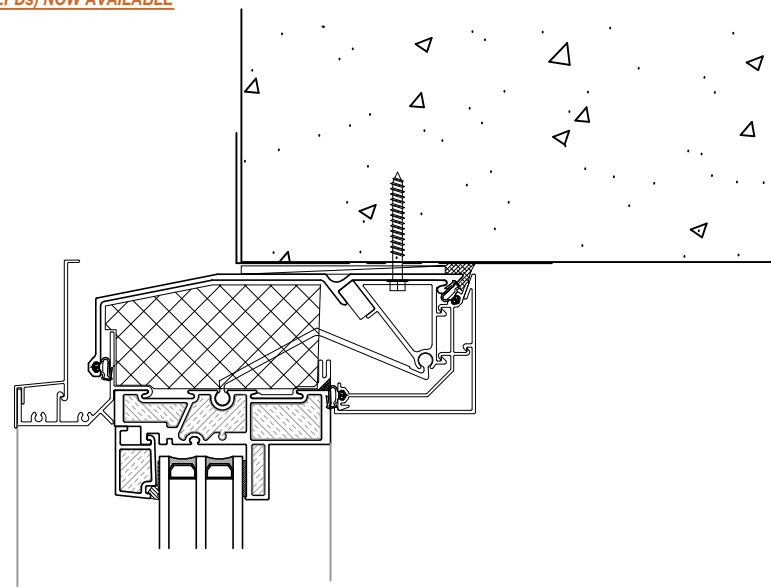
Product option:
4" and 5" backpan insulation thicknesses
4" may need custom request - TBC



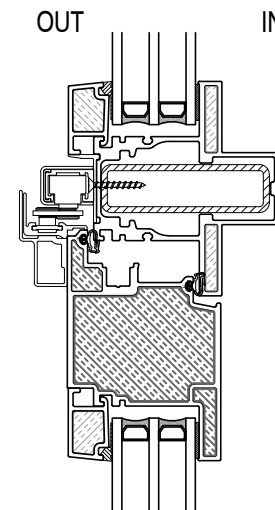
CASCADIA

#101-5350 275TH STREET
LANGLEY, BC CANADA V4W 0C1
604-857-4600

PROJECT TITLE:		
UNIVERSAL WINDOW WALL		
ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.28/20
3	VERSION 3	AUG.09/23
DRAWING TITLE:		
WINDOW WALL SECTION DETAILS		
SCALE: N.T.S.	DRAWING NO.:	
DATE: AUG. 09, 2023	WW8	
DRAWN BY: CH		
PROJECT #:		



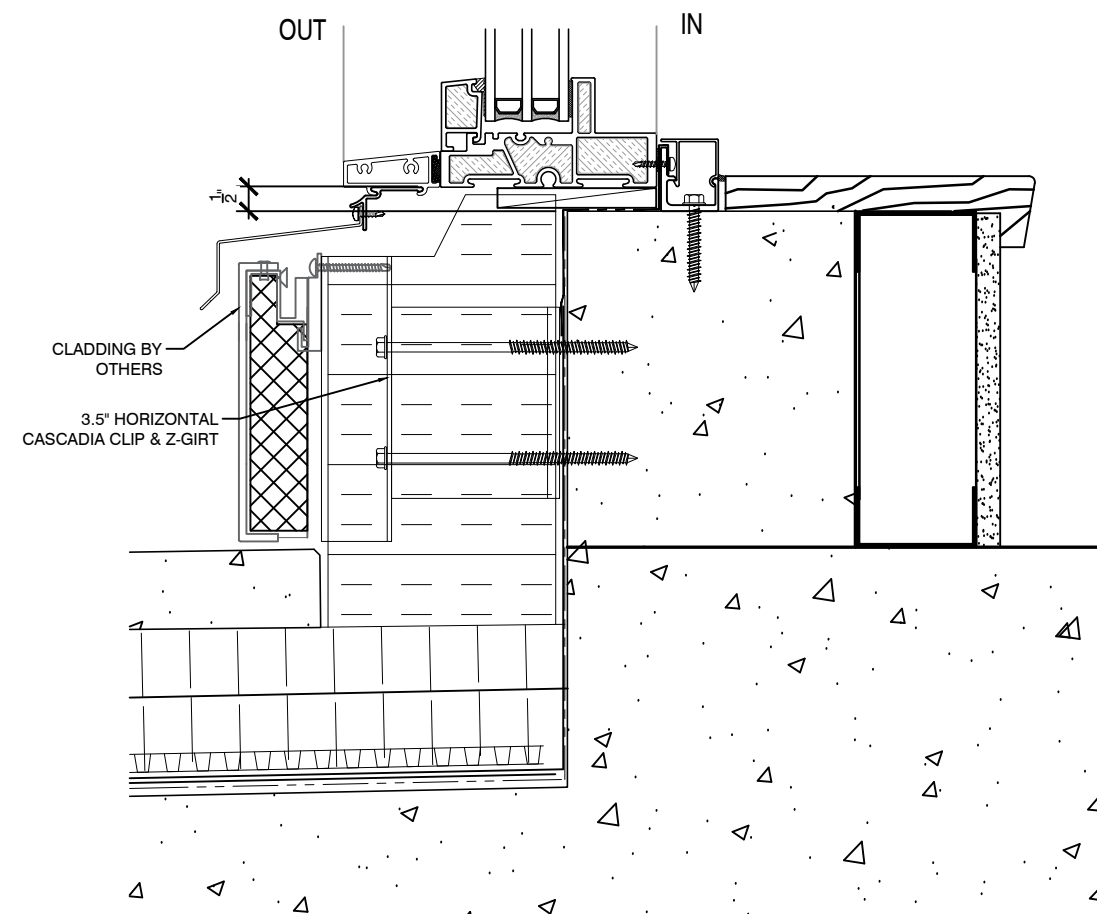
① WINDOW/SIDELITE HEAD AT BALCONY



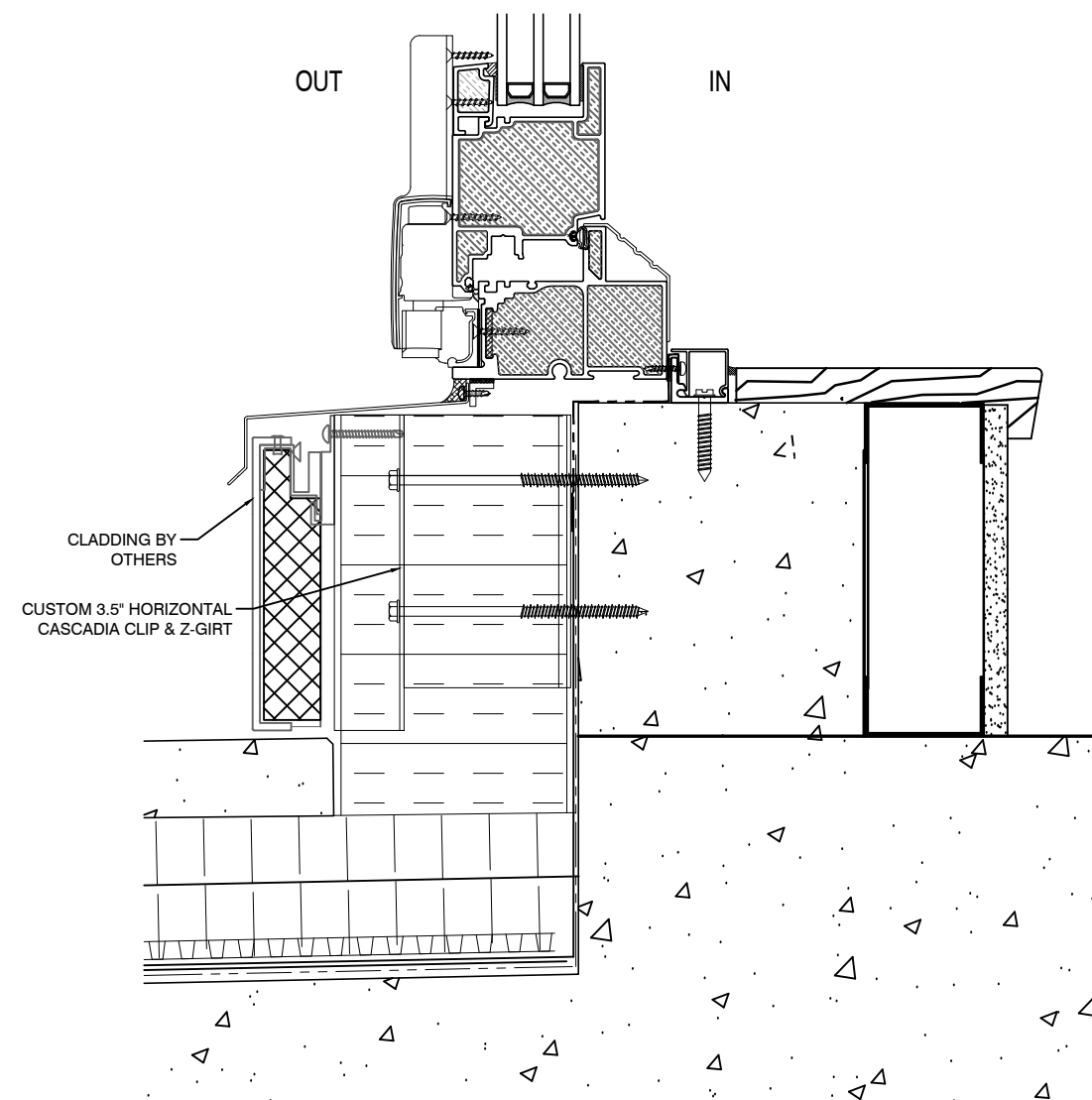
3 OUTWARD SLIDER TRANSOM HEAD



4 OUTWARD SLIDER SILL



② WINDOW/SIDELITE SILL AT BALCONY



Note:
Transom is required
for outward opening
doors



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PROJECT TITLE:

UNIVERSAL WINDOW WALL

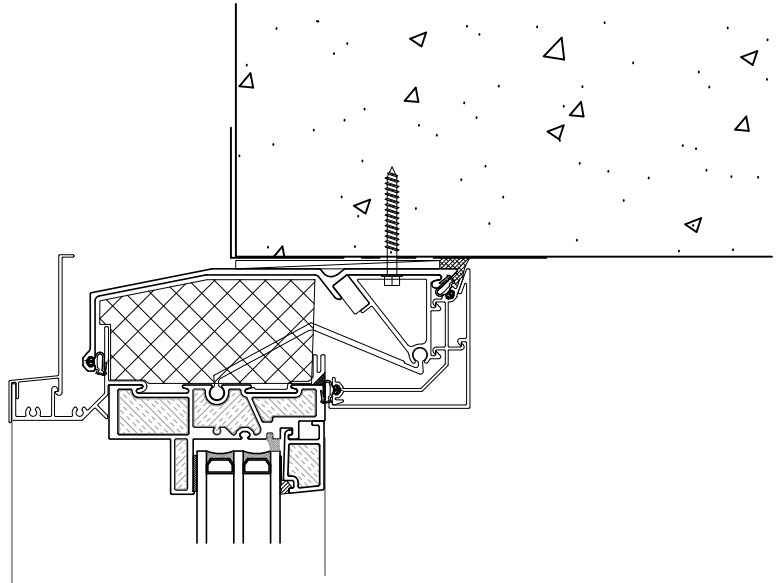
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DRAWING
TITLE:

WINDOW WALL SECTION DETAILS

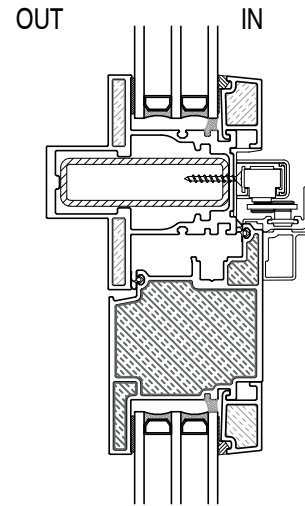
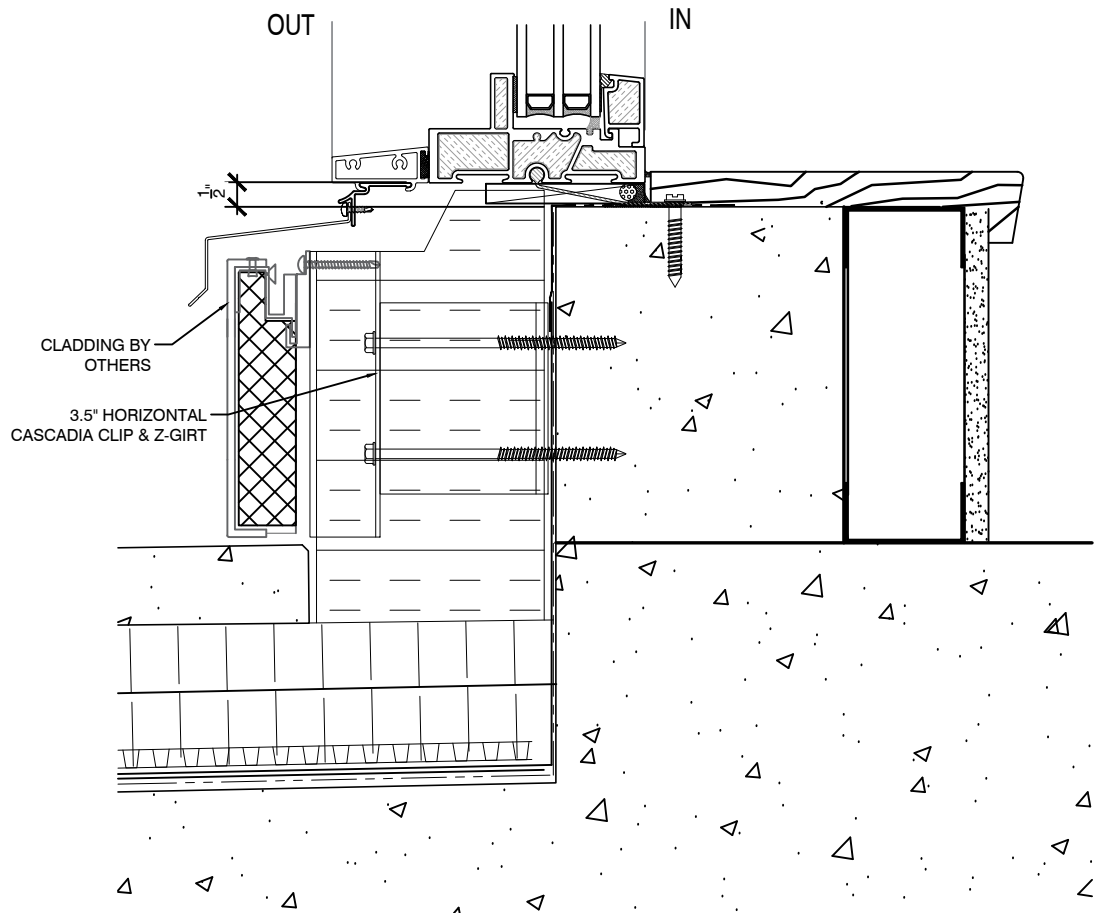
SCALE: N.T.S.
DATE: AUG. 09, 2023
DRAWN BY: CH
PROJECT #:

DRAWING NO.:
WW9



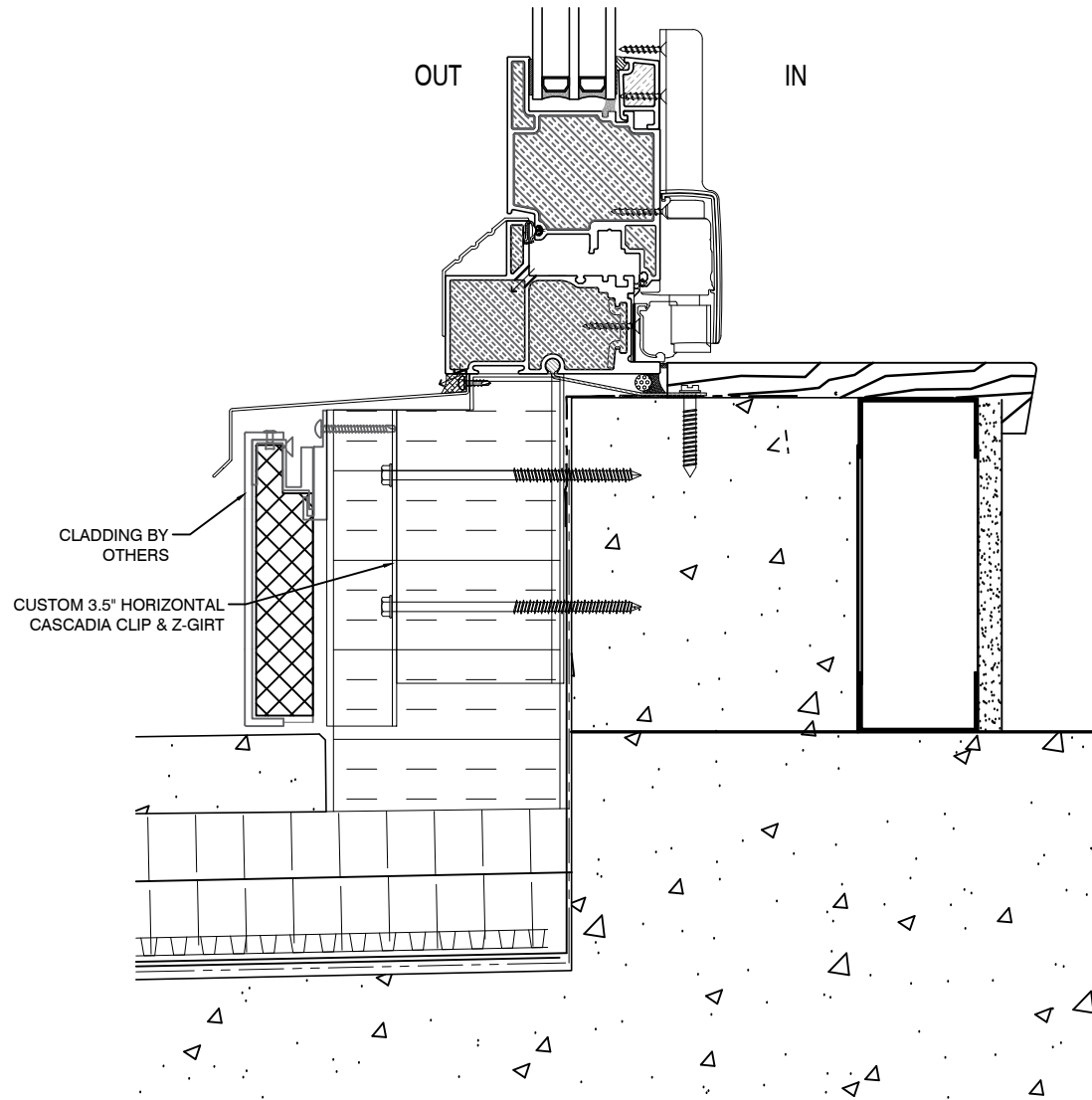
1 WINDOW/SIDELITE HEAD AT BALCONY

2 WINDOW/SIDELITE SILL AT BALCONY

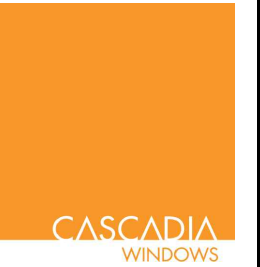


3 INWARD SLIDER TRANSOM HEAD

4 INWARD SLIDER SILL



Note:
Transom is required
for inward opening
doors



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PROJECT TITLE:
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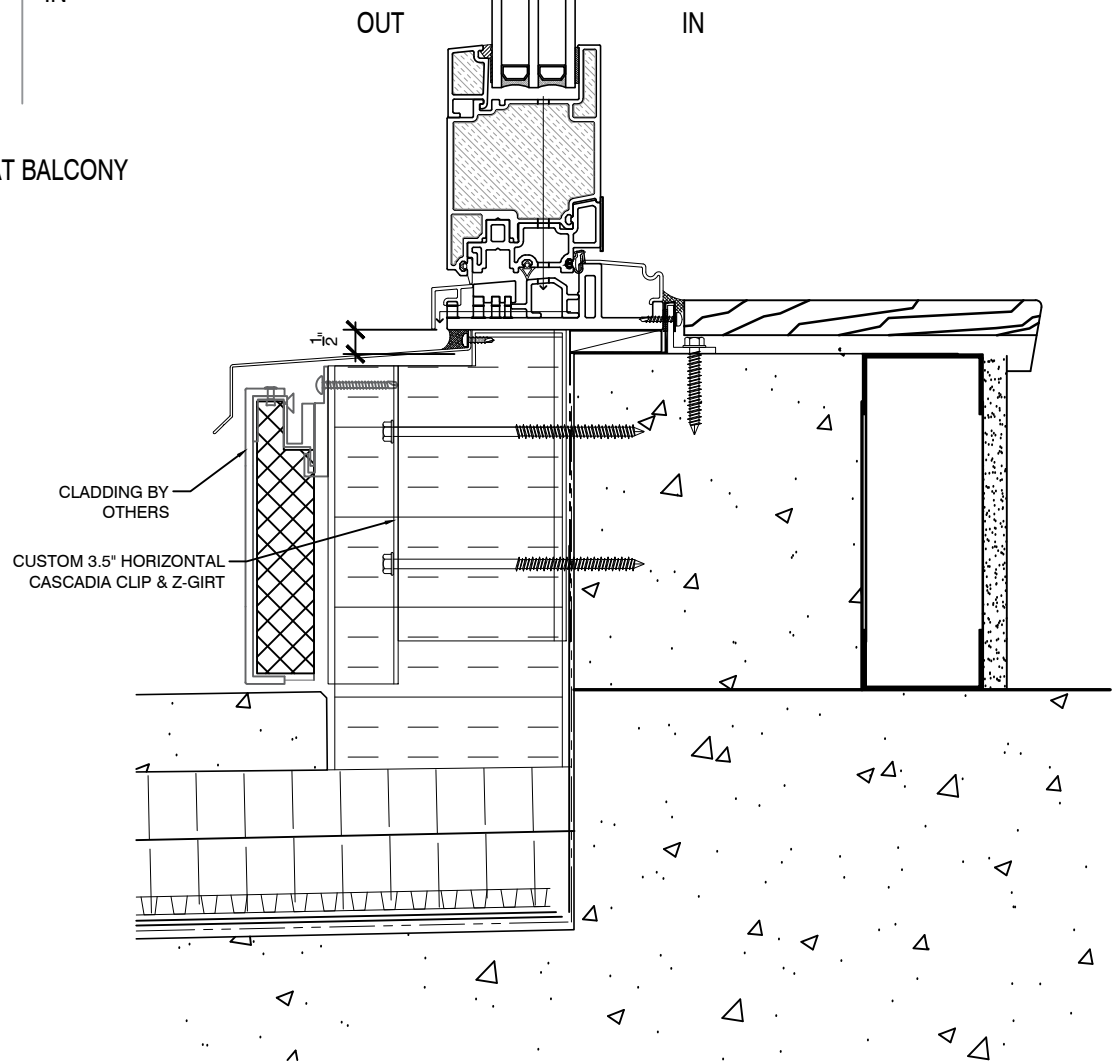
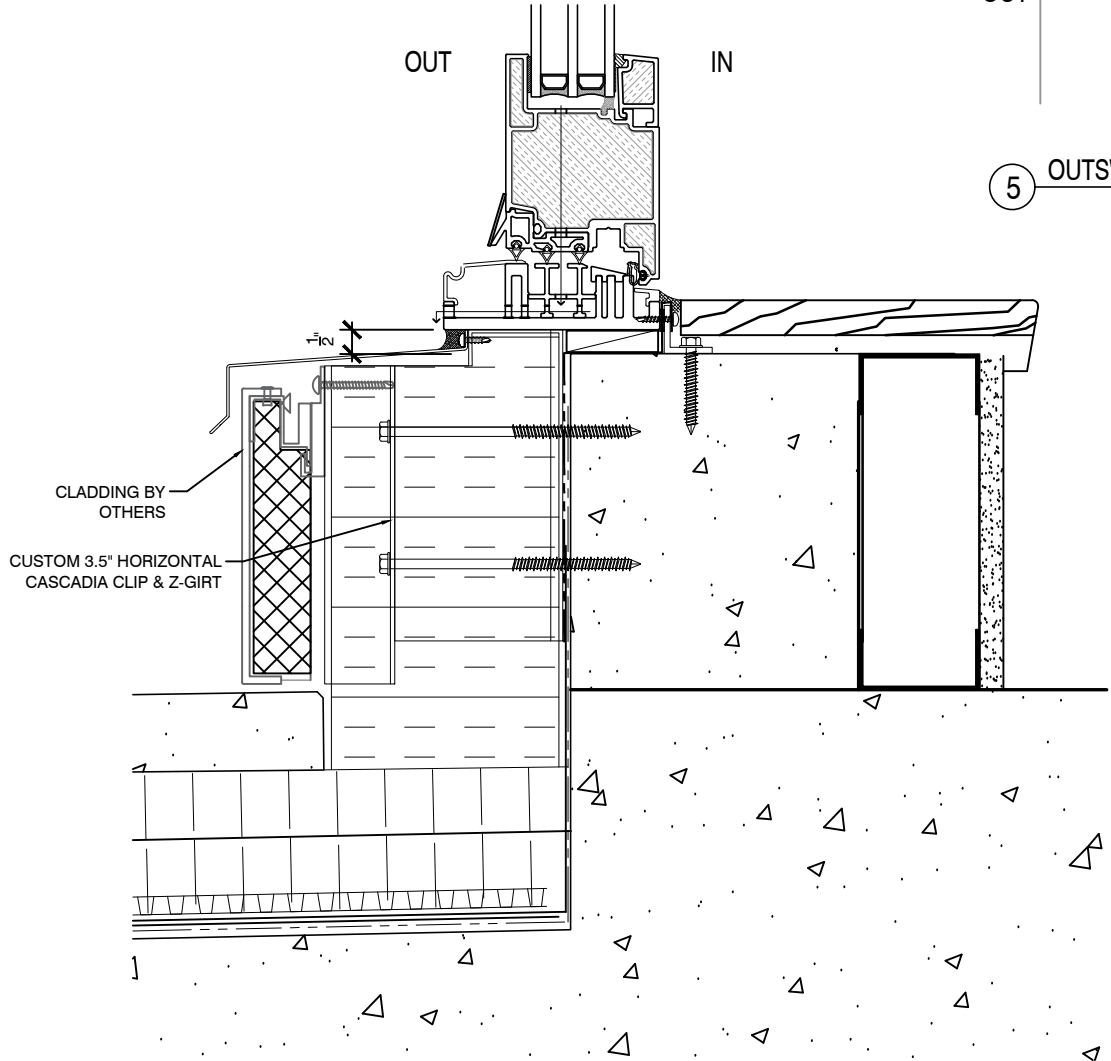
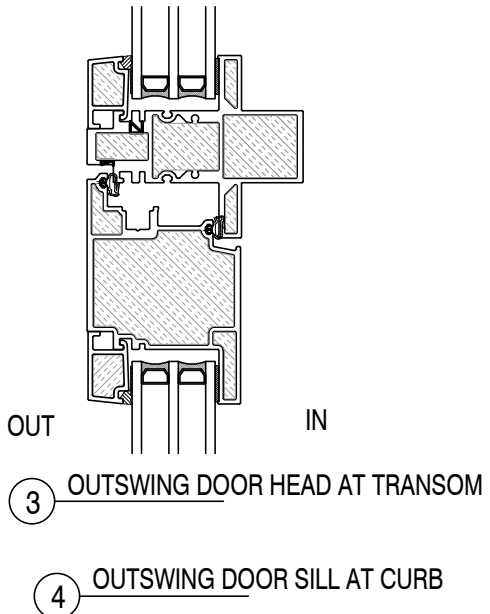
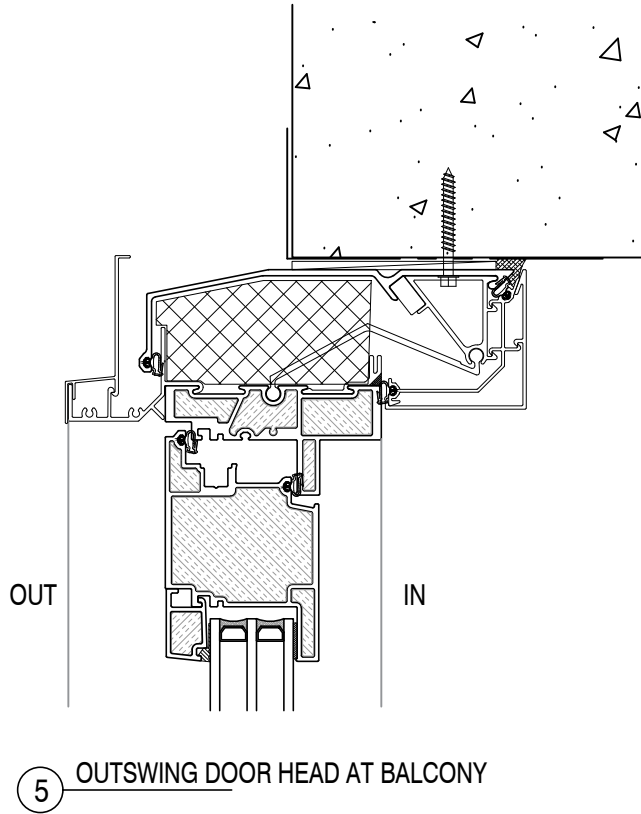
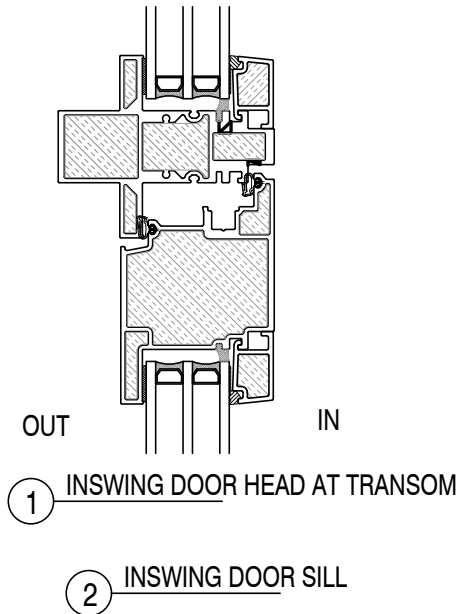
ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.26/20
3	VERSION 3	AUG.09/23

DRAWING
TITLE:
**WINDOW WALL
SECTION DETAILS**

SCALE: N.T.S.	DRAWING NO.:
DATE: AUG. 09, 2023	WW10
DRAWN BY: CH	
PROJECT #:	

For head detail, refer to 1/WW10

For head detail, refer to 1/WW9



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ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.28/20
3	VERSION 3	AUG.09/23

DRAWING
TITLE:
WINDOW WALL
SECTION DETAILS

SCALE: N.T.S.
DATE: AUG. 09, 2023
DRAWN BY: CH
PROJECT #:

DRAWING NO.:
WW11

1 ACM PANEL
Alternate to Spandrel Glass

2 SPANDREL BYPASS DETAIL

3 BYPASS DETAIL AT INSULATED SOFFIT

4 ACM PANEL
Alternate to Spandrel Glass

5 SPANDREL GLASS HEAD at SOFFIT

6 SPANDREL GLASS SILL at CURB



CASCADIA

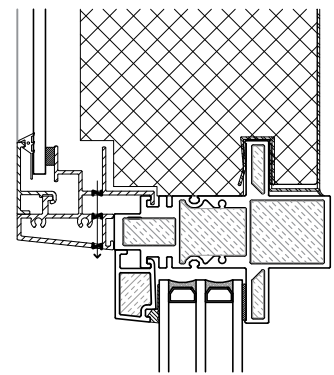
#101-5350 275TH STREET
LANGLEY, BC CANADA V4W 0C1
604-857-4600

PROJECT TITLE:
**UNIVERSAL
WINDOW
WALL**

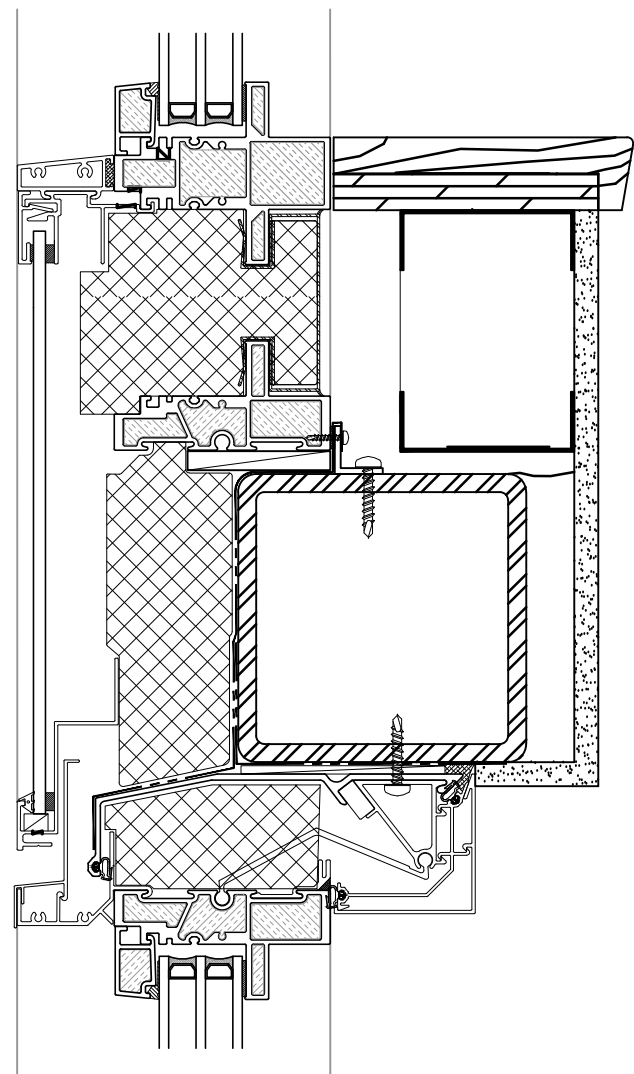
ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.26/20
3	VERSION 3	AUG.09/23

DRAWING
TITLE:
**WINDOW WALL
SECTION DETAILS**

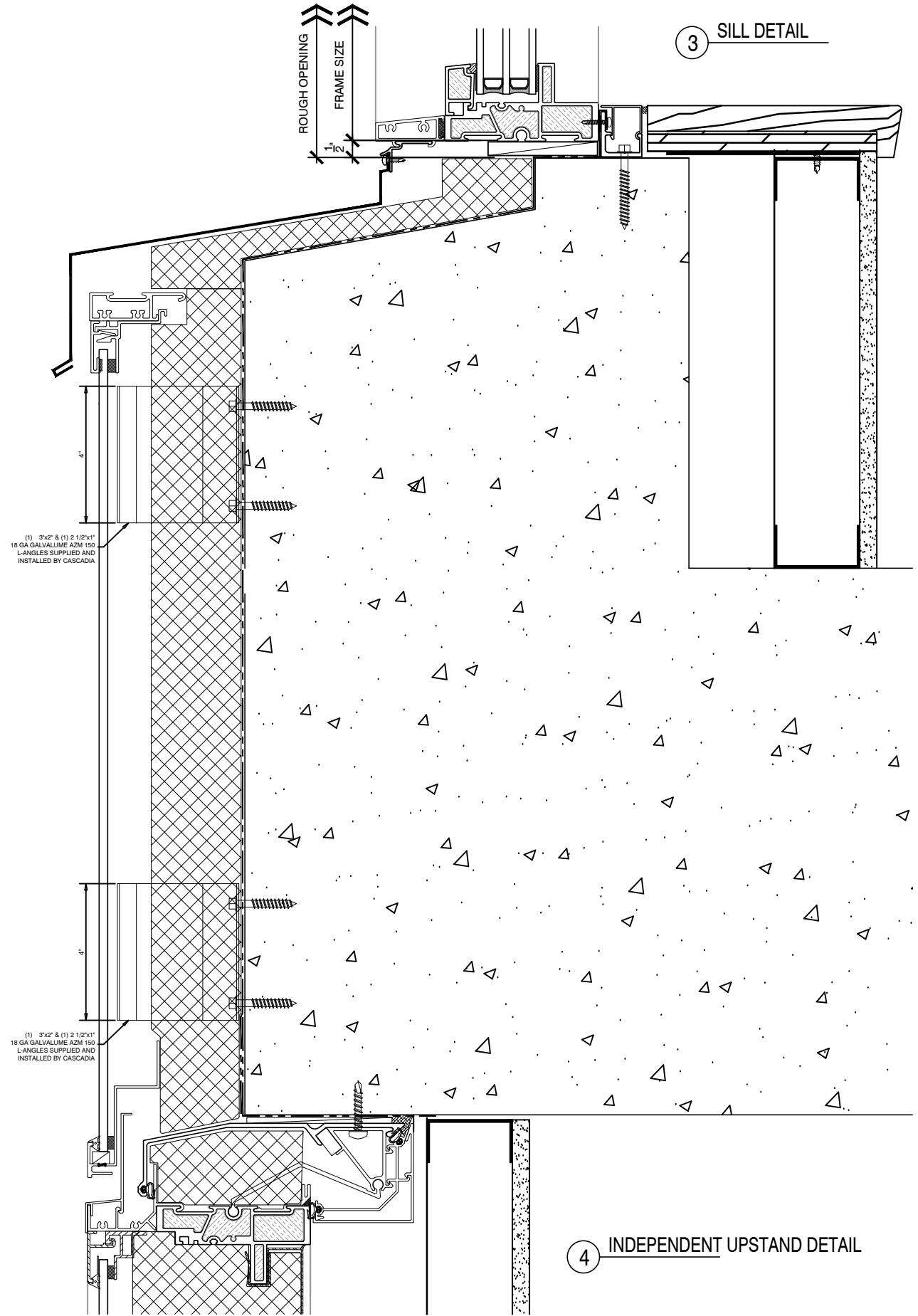
SCALE: N.T.S.
DATE: AUG. 09, 2023
DRAWN BY: CH
PROJECT #:
DRAWING NO.:
WW12



1 MULLION AT STANDARD BACKPAN



2 HEAD DET. AT HSS



4 INDEPENDENT UPSTAND DETAIL

3 SILL DETAIL



CASCADIA

#101-5350 275TH STREET
LANGLEY, BC CANADA V4W 0C1
604-857-4600

PROJECT TITLE:

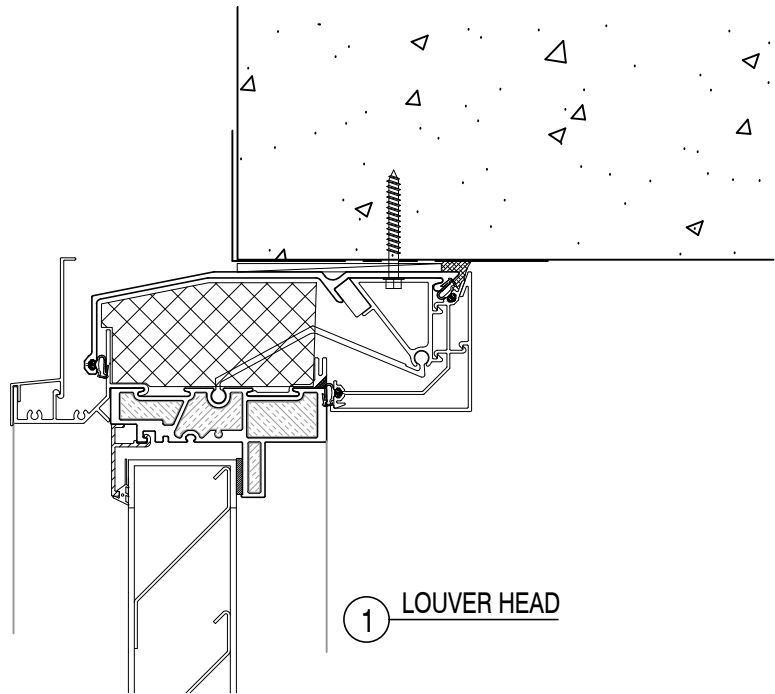
UNIVERSAL WINDOW WALL

ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.28/20
3	VERSION 3	AUG.09/23

DRAWING TITLE:

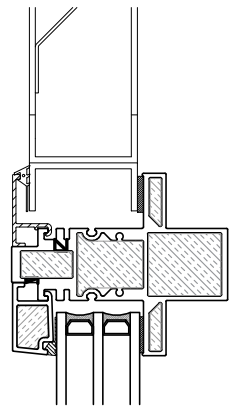
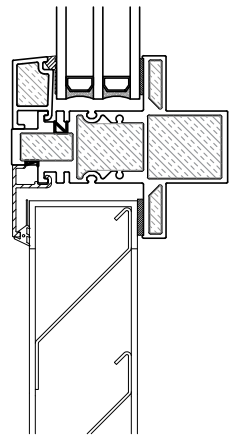
WINDOW WALL SECTION DETAILS

SCALE: N.T.S.	DRAWING NO.:
DATE: AUG. 09, 2023	WW13
DRAWN BY: CH	
PROJECT #:	



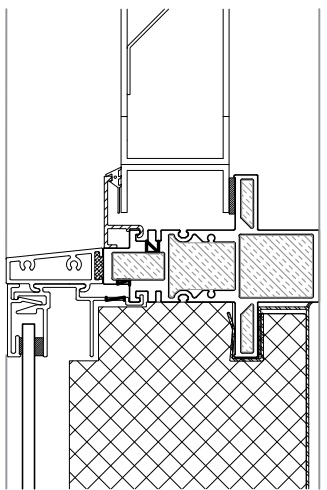
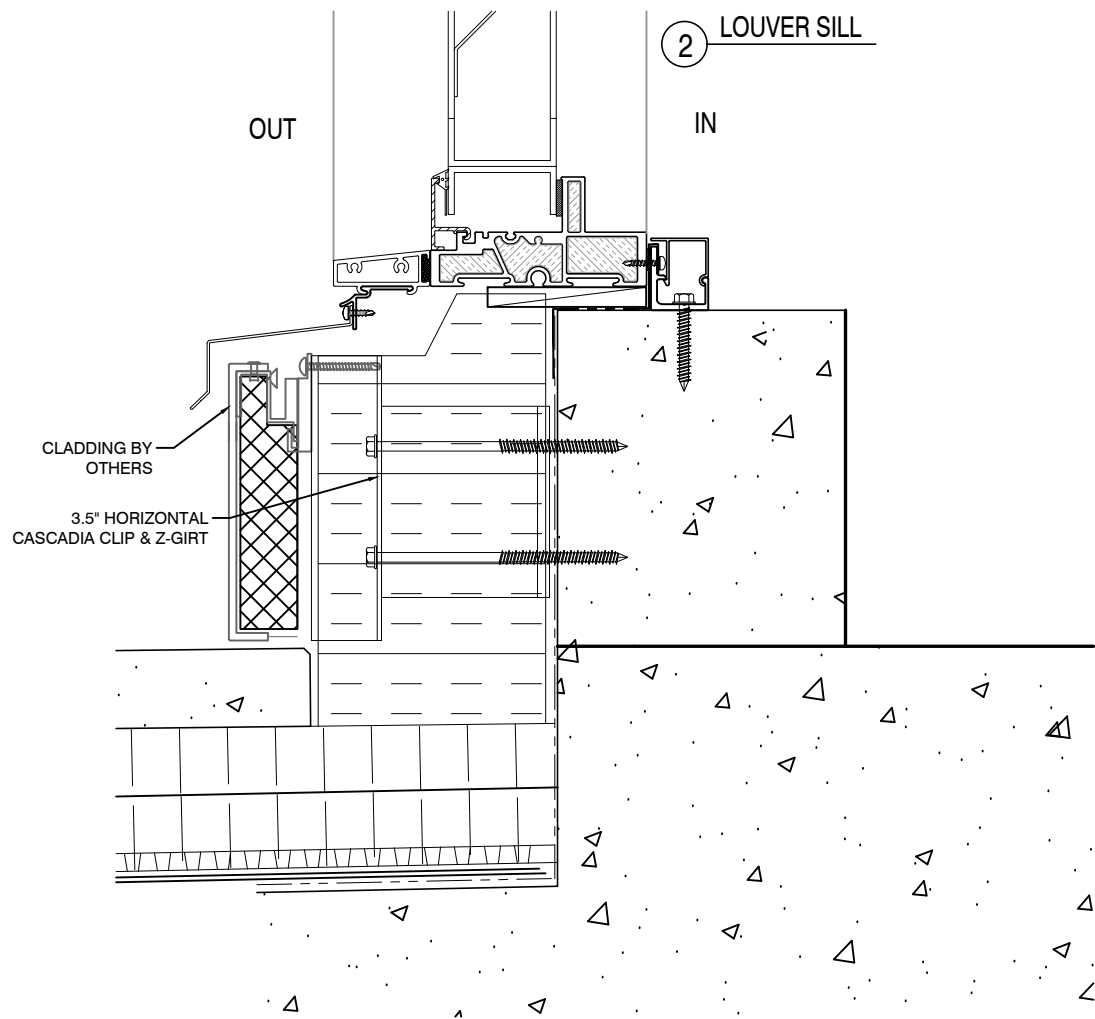
1 LOUVER HEAD

3 LOUVER MULLION HEAD



4 LOUVER MULLION SILL

OUT IN



5 MULLION AT STANDARD BACKPAN



CASCADIA

#101-5350 275TH STREET
LANGLEY, BC CANADA V4W 0C1
604-857-4600

PROJECT TITLE:
**UNIVERSAL
WINDOW
WALL**

ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.26/20
3	VERSION 3	AUG.09/23

DRAWING
TITLE:
**WINDOW WALL
SECTION DETAILS**

SCALE: N.T.S.	DRAWING NO.:
DATE: AUG. 09, 2023	WW14
DRAWN BY: CH	
PROJECT #:	



CASCADIA

#101-5350 275TH STREET
LANGLEY, BC CANADA V4W 0C1
604-857-4600

PROJECT TITLE:

UNIVERSAL
WINDOW
WALL

ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.28/20
3	VERSION 3	AUG.09/23

DRAWING

TITLE:

WINDOW WALL
SECTION DETAILS

SCALE: N.T.S.

DATE: AUG. 09, 2023

DRAWN BY: CH

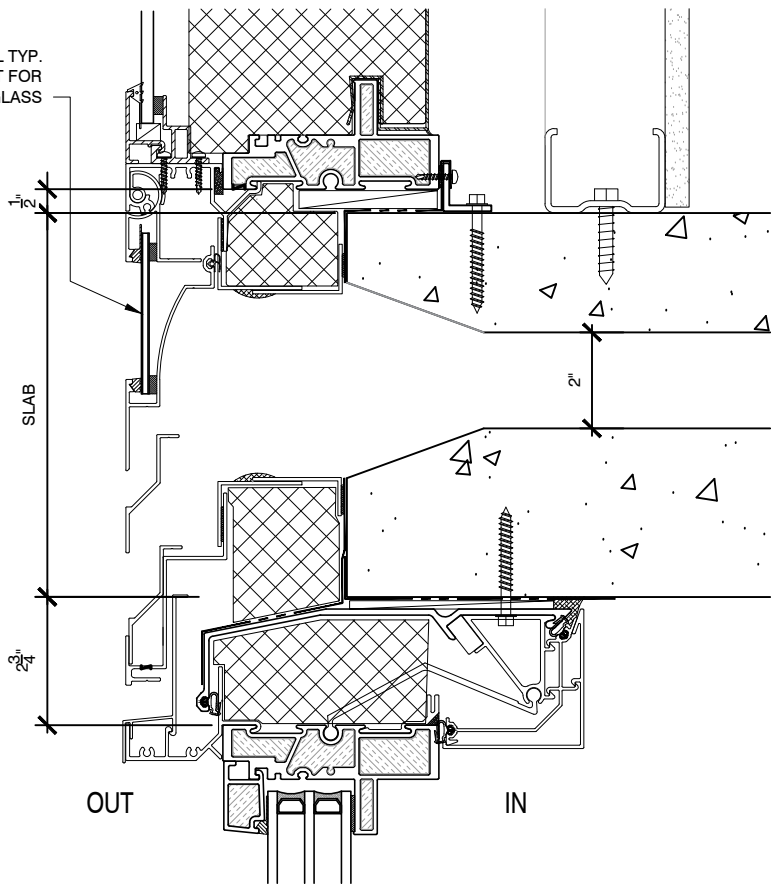
PROJECT #:

DRAWING NO.:

WW15

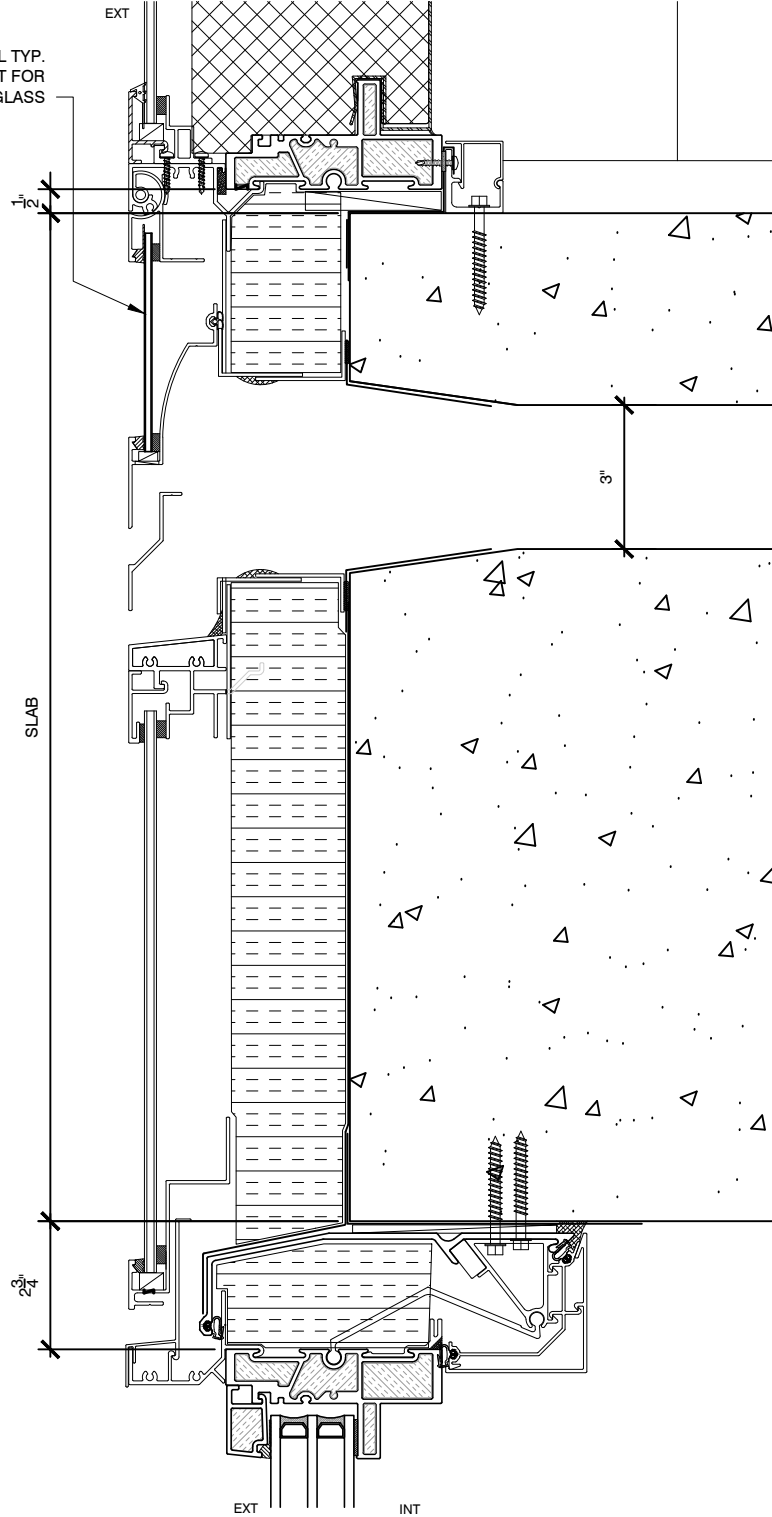
1 THROUGH-SLAB DUCT

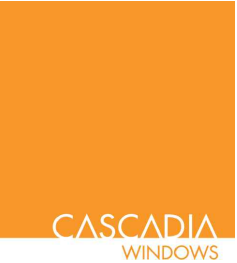
METAL PANEL TYP.
4.5" MINIMUM HEIGHT FOR
SPANDREL GLASS



2 THROUGH-SLAB DUCT

METAL PANEL TYP.
4.5" MINIMUM HEIGHT FOR
SPANDREL GLASS





CASCADIA

#101-5350 275TH STREET
LANGLEY, BC CANADA V4W 0C1
604-857-4600

UNIVERSAL PUNCHED WINDOWS

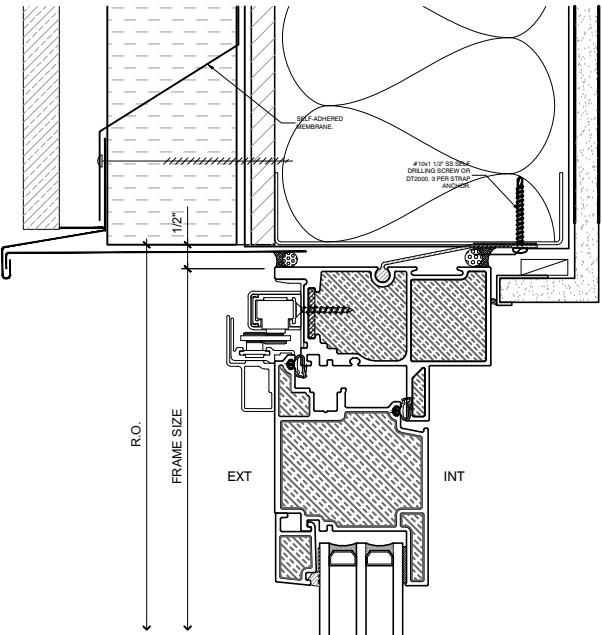
TYPICAL DETAILS

PROJECT TITLE:
UNIVERSAL
PUNCHED
WINDOWS

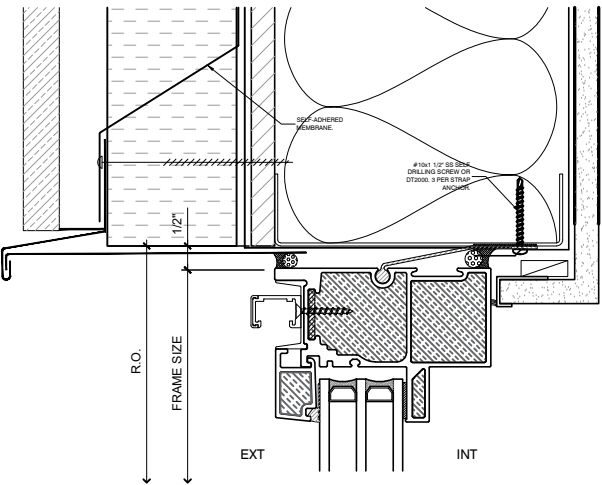
ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.28/20
3	VERSION 3	AUG.09/23

DRAWING
TITLE:
OUTWARD SLIDER
DOOR DETAILS

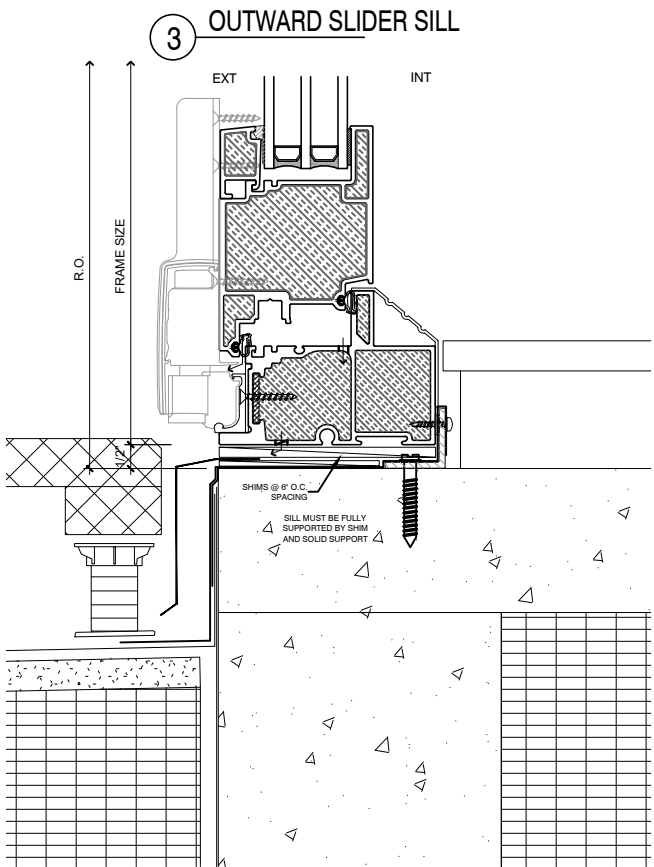
SCALE: N.T.S.	DRAWING NO.:
DATE: AUG. 09, 2023	NWWO
DRAWN BY: CH	
PROJECT #:	



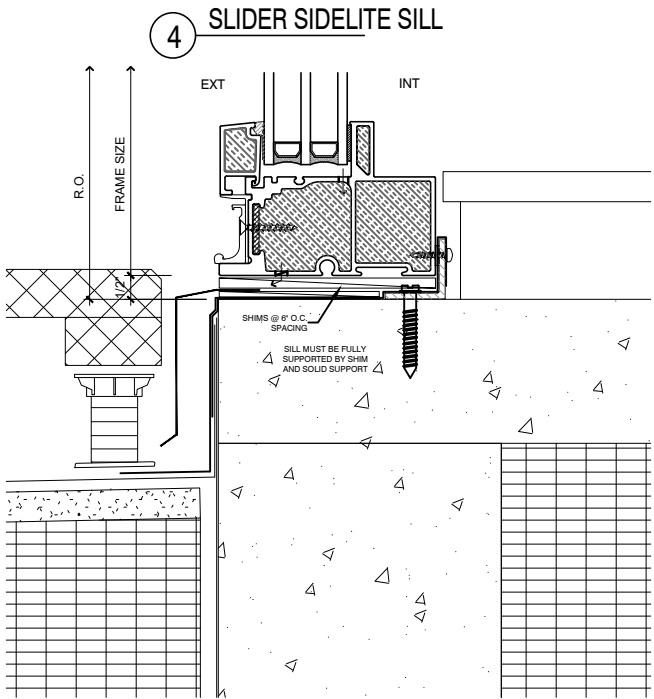
1 OUTWARD SLIDER HEAD



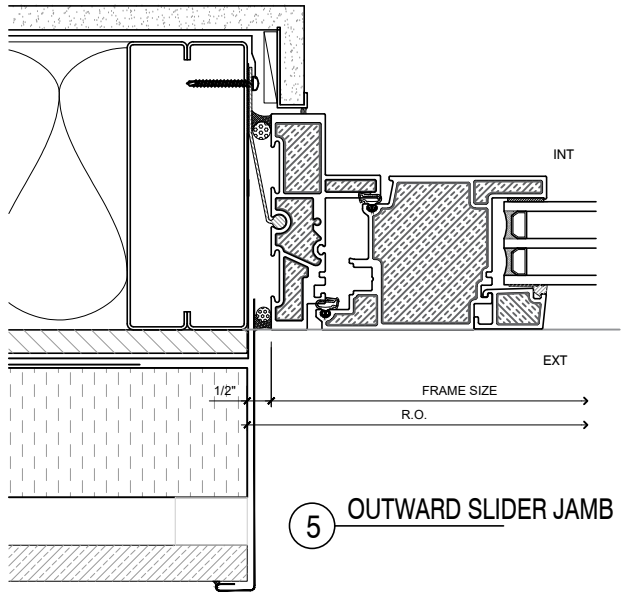
2 SLIDER SIDELITE HEAD



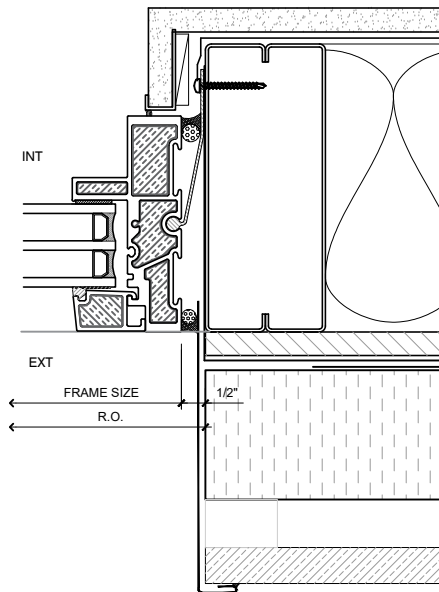
3 OUTWARD SLIDER SILL



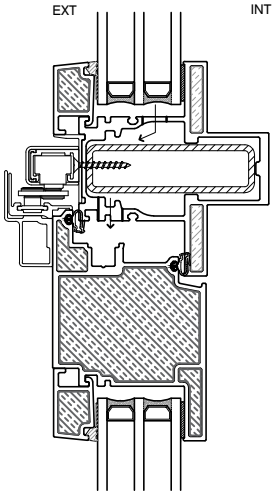
4 SLIDER SIDELITE SILL



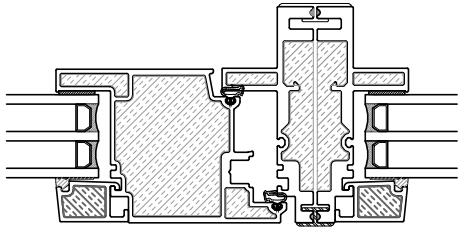
5 OUTWARD SLIDER JAMB



6 SLIDER SIDELITE JAMB



7 OUTWARD SLIDER TRANSOM HEAD



8 OUTWARD SLIDER COUPLER



CASCADIA

#101-5350 275TH STREET
LANGLEY, BC CANADA V4W 0C1
604-857-4600

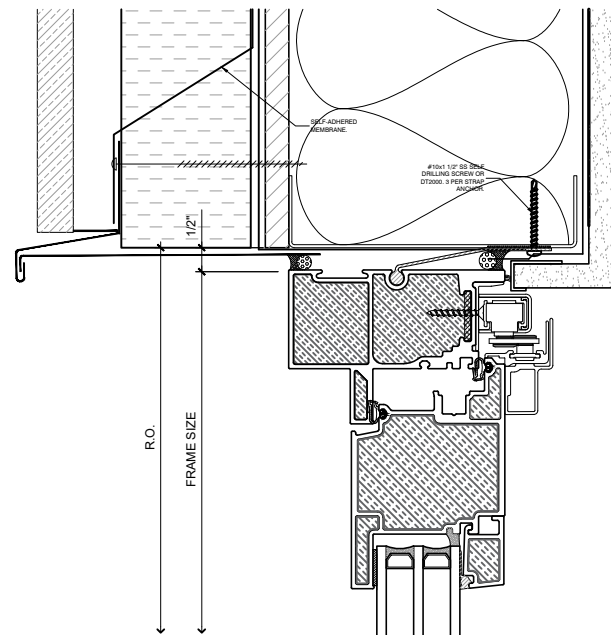
PROJECT TITLE:
**UNIVERSAL
PUNCHED
WINDOWS**

ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.26/20
3	VERSION 3	AUG.09/23

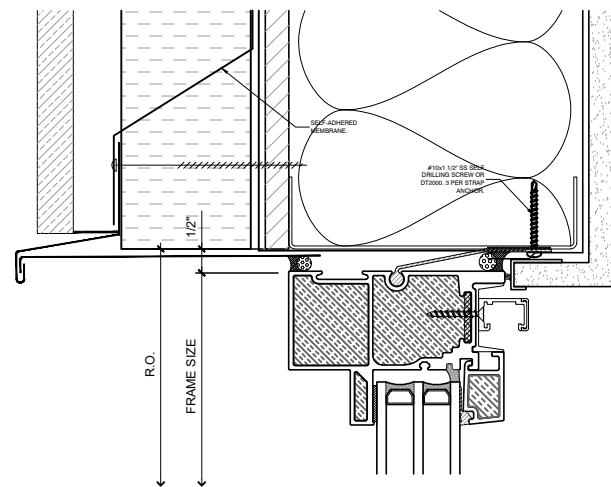
DRAWING
TITLE:
**OUTWARD SLIDER
DOOR DETAILS**

SCALE: N.T.S. DRAWING NO.:
DATE: AUG. 09, 2023
DRAWN BY: CH
PROJECT #:

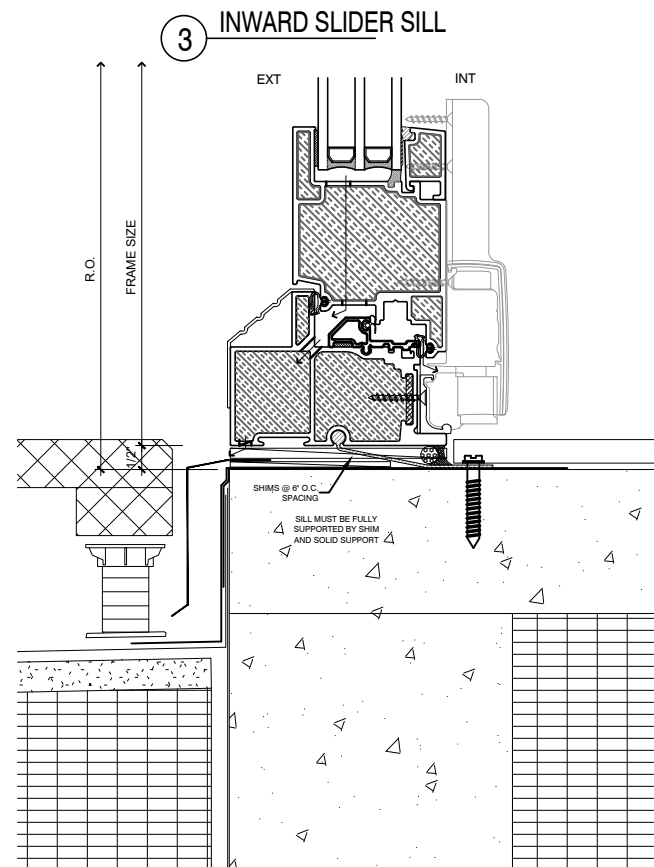
NWW1



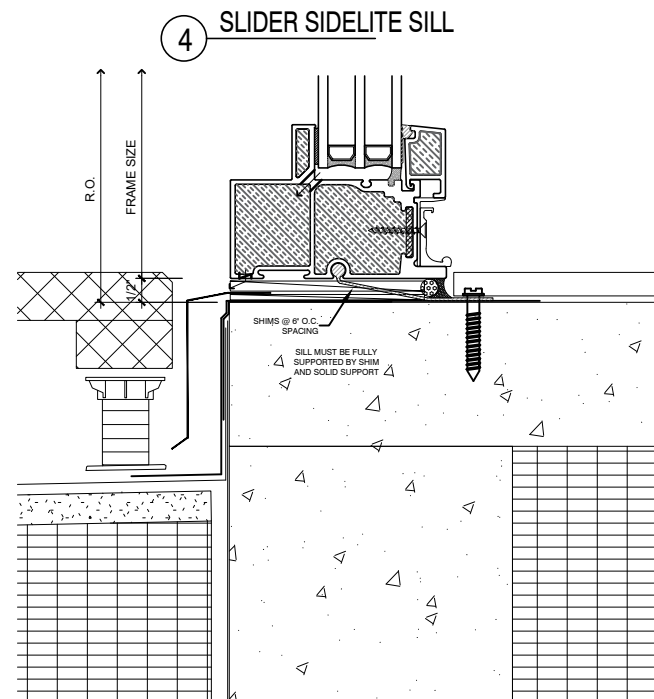
1 INWARD SLIDER HEAD



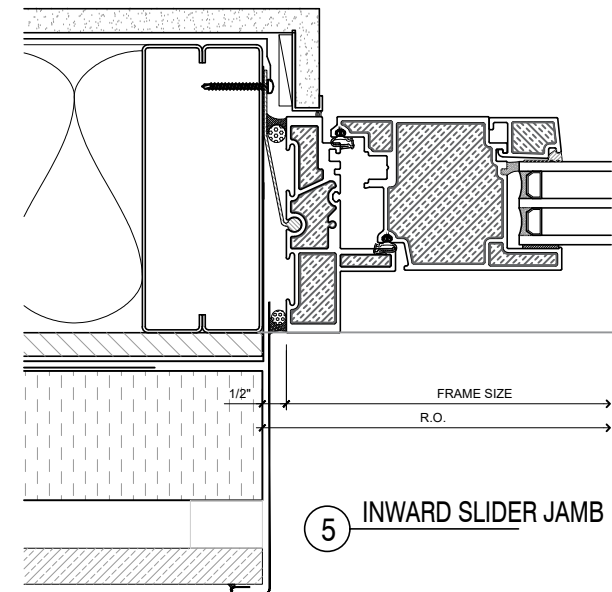
2 SLIDER SIDELITE HEAD



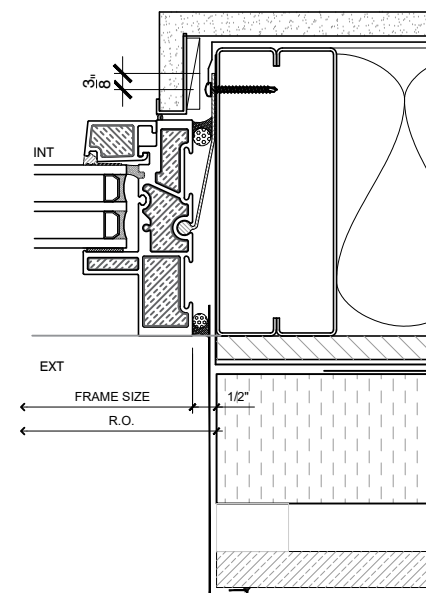
3 INWARD SLIDER SILL



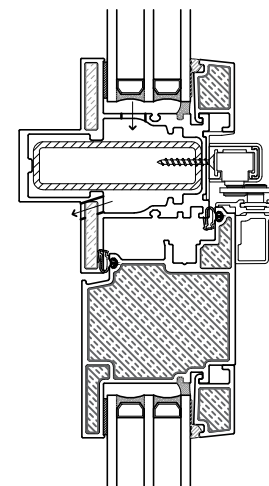
4 SLIDER SIDELITE SILL



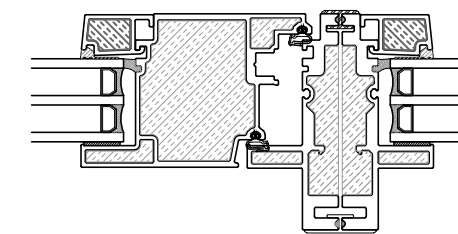
5 INWARD SLIDER JAMB



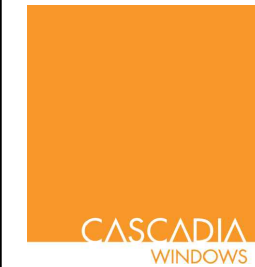
6 SLIDER SIDELITE JAMB



7 INWARD SLIDER TRANSOM HEAD



8 INWARD SLIDER COUPLER



CASCADIA

#101-5350 275TH STREET
LANGLEY, BC CANADA V4W 0C1
604-857-4600

PROJECT TITLE:

UNIVERSAL
PUNCHED
WINDOWS

ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.28/20
3	VERSION 3	AUG.09/23

DRAWING

TITLE:

OUTSWING
DOOR DETAILS

SCALE: N.T.S.

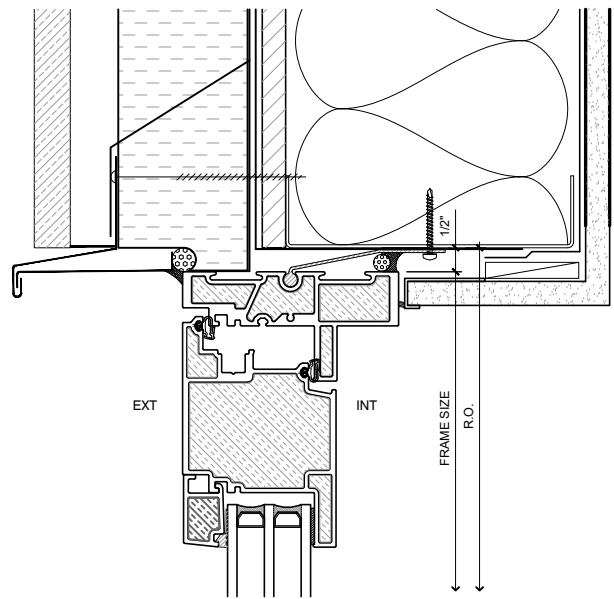
DATE: AUG. 09, 2023

DRAWN BY: CH

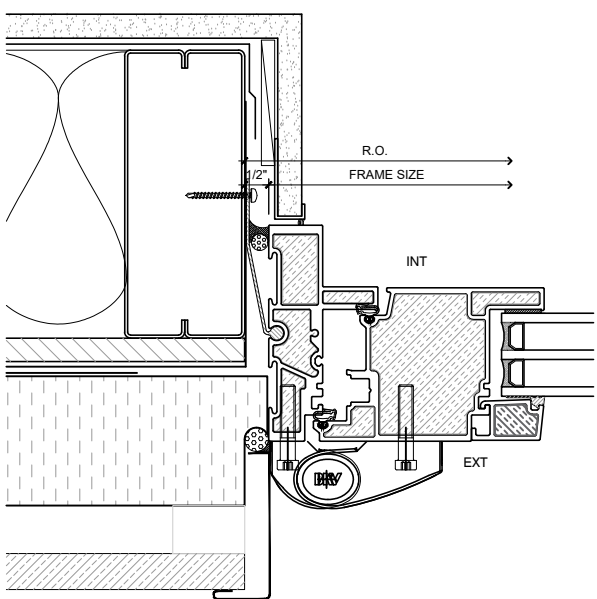
PROJECT #:

DRAWING NO.:

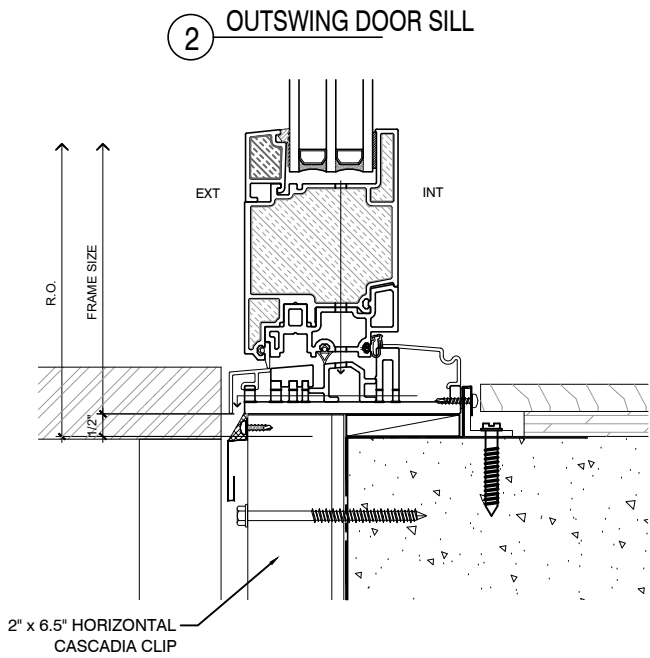
NWW2



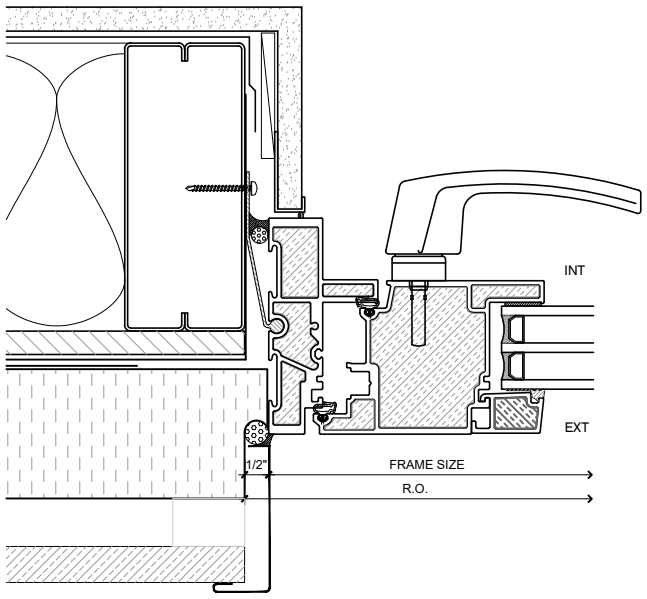
1 OUTSWING DOOR HEAD



3 OUTSWING DOOR HINGE JAMB



2 OUTSWING DOOR SILL



4 OUTSWING DOOR HANDLE JAMB



CASCADIA

#101-5350 275TH STREET
LANGLEY, BC CANADA V4W 0C1
604-857-4600

PROJECT TITLE:

UNIVERSAL PUNCHED WINDOWS

ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.26/20
3	VERSION 3	AUG.09/23

DRAWING

TITLE:

INSWING DOOR DETAILS

SCALE: N.T.S.

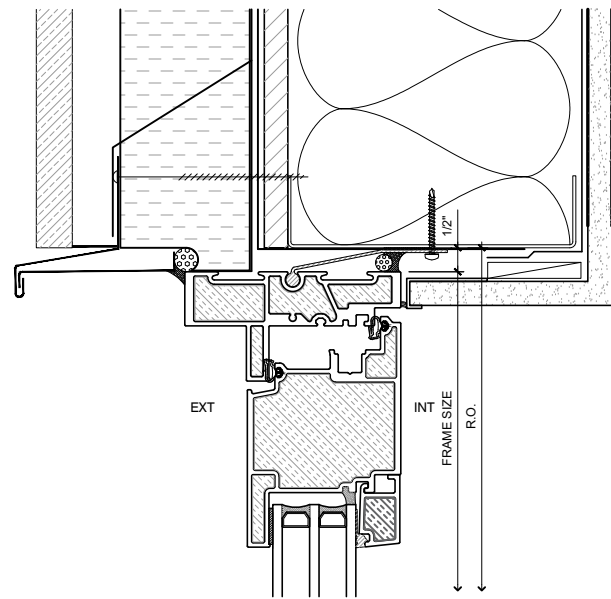
DATE: AUG. 09, 2023

DRAWN BY: CH

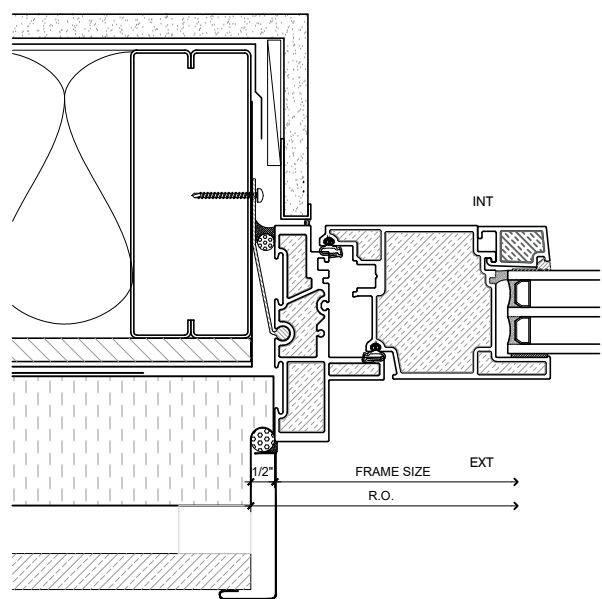
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DRAWING NO.:

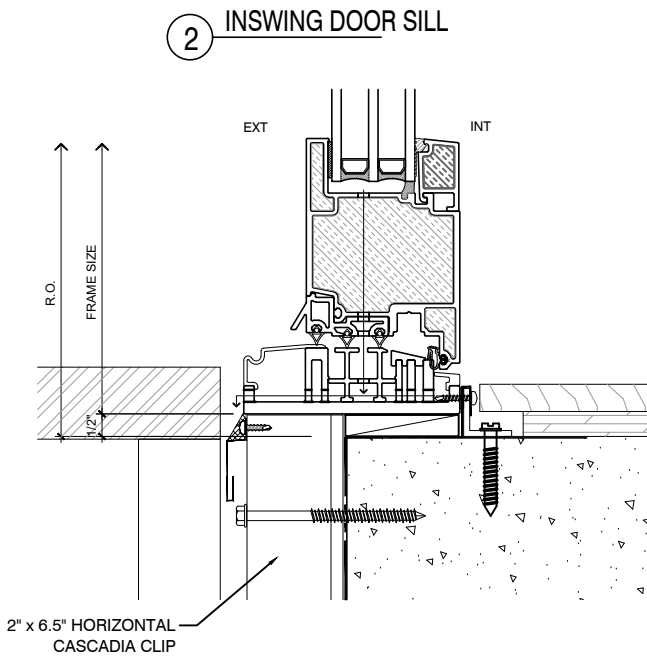
NWW3



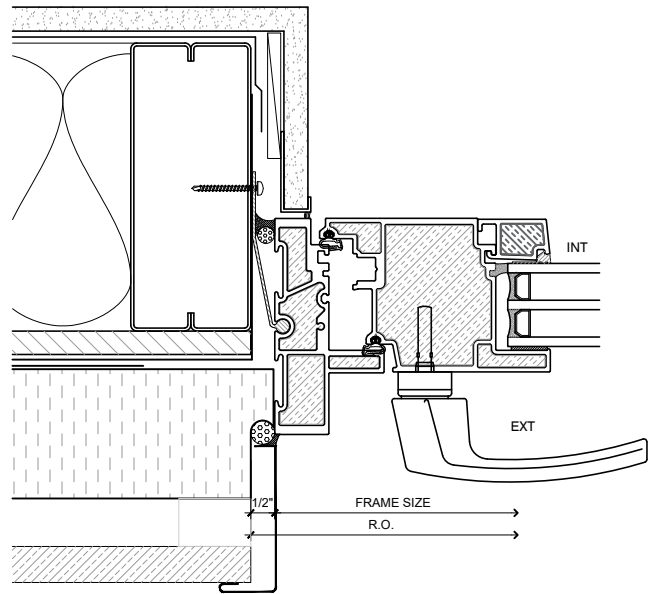
1 INSWING DOOR HEAD



3 INSWING DOOR JAMB



2 INSWING DOOR SILL



4 INSWING DOOR HANDLE JAMB



CASCADIA

#101-5350 275TH STREET
LANGLEY, BC CANADA V4W 0C1
604-857-4600

PROJECT TITLE:

UNIVERSAL PUNCHED WINDOWS

ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.28/20
3	VERSION 3	AUG.09/23

DRAWING

TITLE:

OUTSWING WINDOW DETAILS

SCALE: N.T.S.

DATE: AUG. 09, 2023

DRAWN BY: CH

PROJECT #:

DRAWING NO.:

NWW4



CASCADIA

#101-5350 275TH STREET
LANGLEY, BC CANADA V4W 0C1
604-857-4600

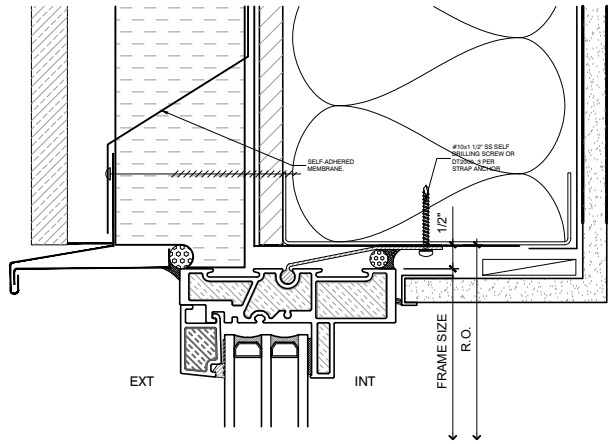
PROJECT TITLE:
**UNIVERSAL
PUNCHED
WINDOWS**

ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.28/20
3	VERSION 3	AUG.09/23

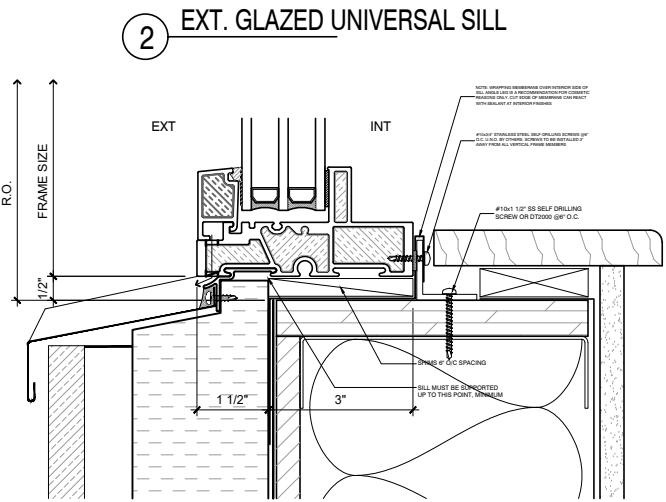
DRAWING
TITLE:
**EXT. GLAZED
WINDOW DETAILS**

SCALE: N.T.S. DRAWING NO.:
DATE: AUG. 09, 2023
DRAWN BY: CH
PROJECT #:

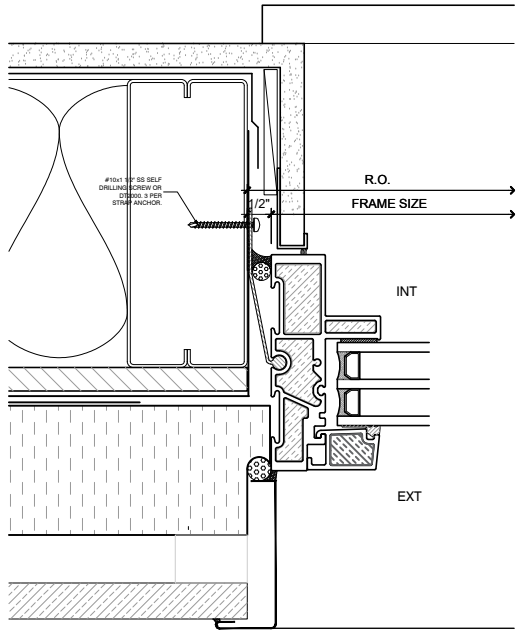
NWW5



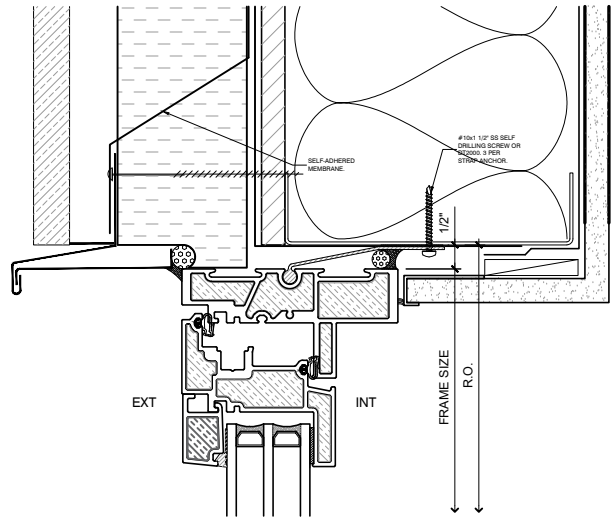
1 EXT. GLAZED UNIVERSAL HEAD



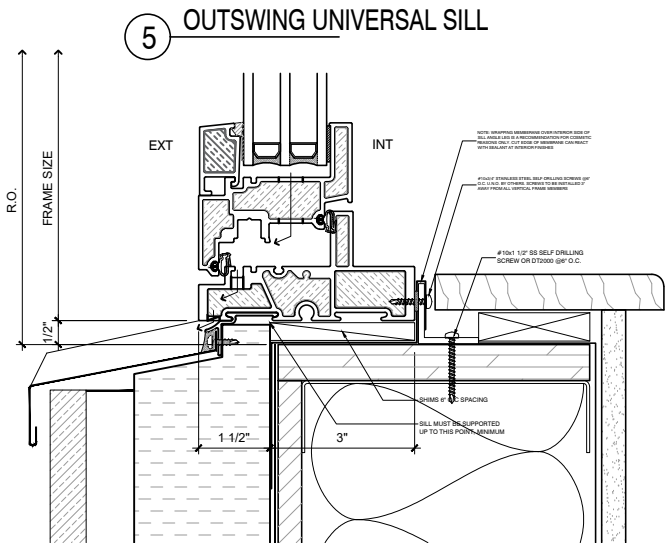
2 EXT. GLAZED UNIVERSAL SILL



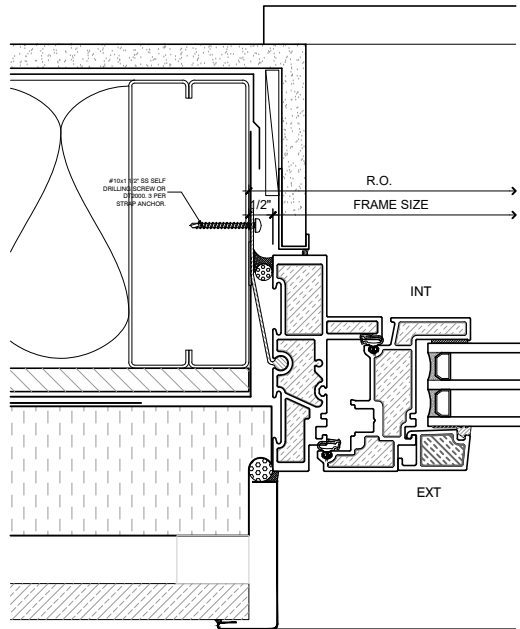
3 EXT. GLAZED UNIVERSAL JAMB



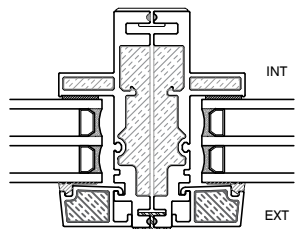
4 OUTSWING UNIVERSAL HEAD



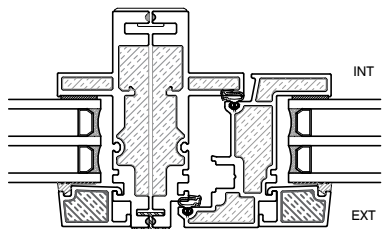
5 OUTSWING UNIVERSAL SILL



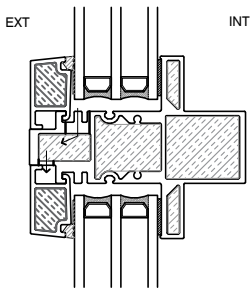
6 OUTSWING UNIVERSAL JAMB



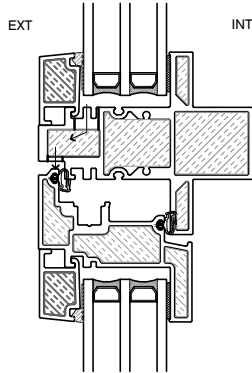
7 TYPICAL VERTICAL COUPLER



8 OPERABLE VERTICAL COUPLER



9 TYPICAL HORIZONTAL MULLION



10 OPERABLE HORIZONTAL MULLION



CASCADIA

#101-5350 275TH STREET
LANGLEY, BC CANADA V4W 0C1
604-857-4600

PROJECT TITLE:

UNIVERSAL
PUNCHED
WINDOWS

ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.26/20
3	VERSION 3	AUG.09/23

DRAWING

TITLE:

EXT. GLAZED
WINDOW DETAILS

SCALE: N.T.S.

DATE: AUG. 09, 2023

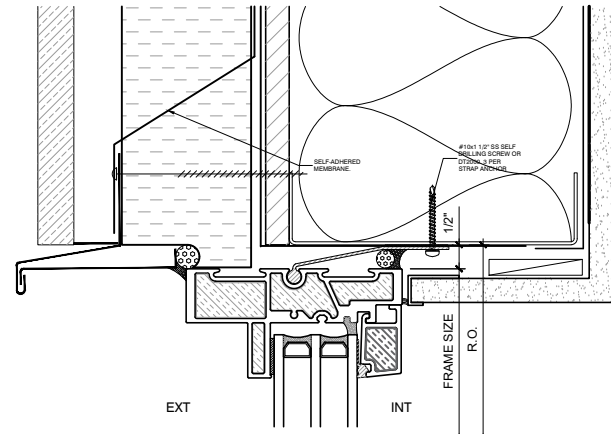
DRAWN BY: CH

PROJECT #:

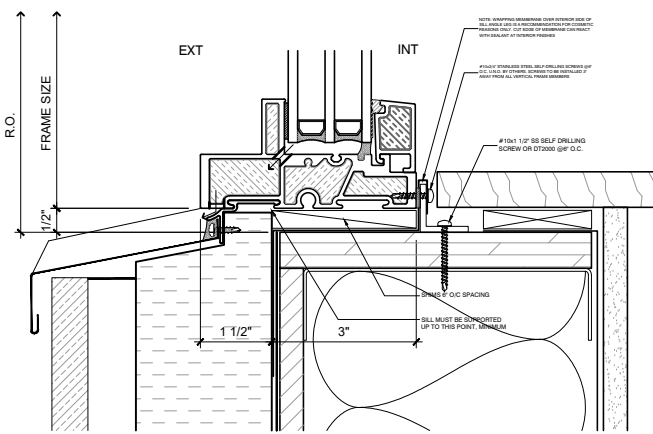
DRAWING NO.:

NWW6

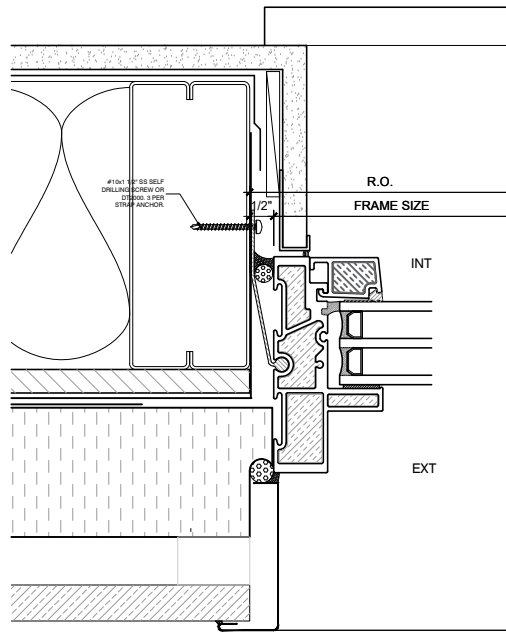
1 INT. GLAZED UNIVERSAL HEAD



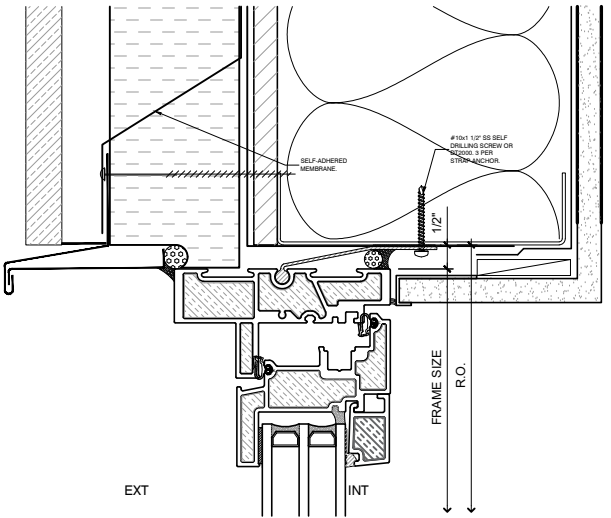
2 INT. GLAZED UNIVERSAL SILL



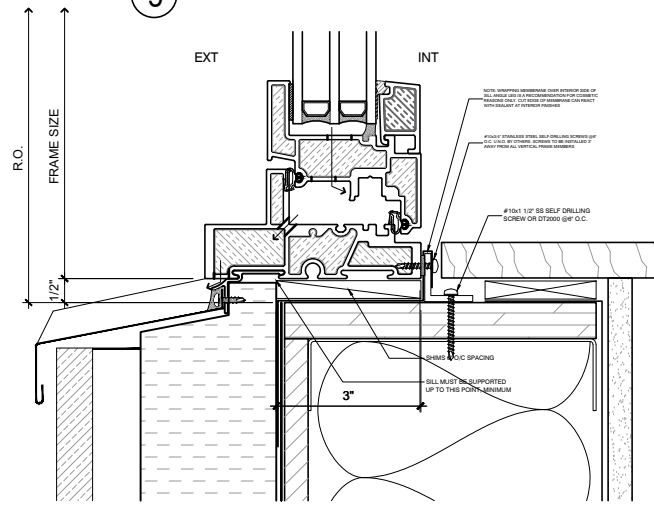
3 INT. GLAZED UNIVERSAL JAMB



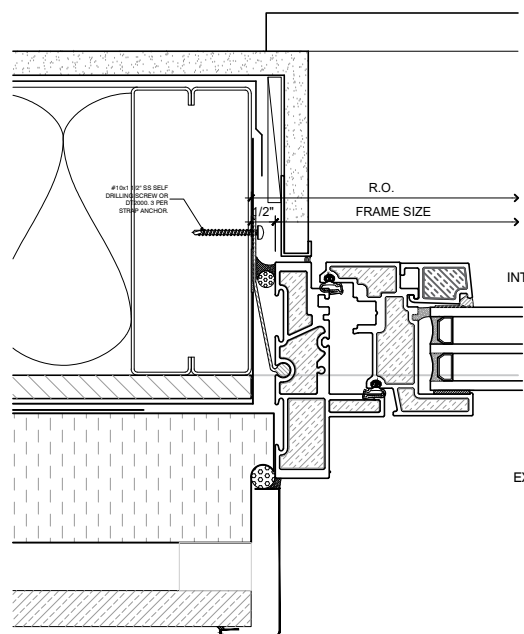
4 INSWING UNIVERSAL HEAD



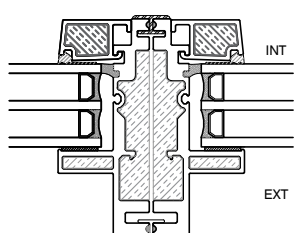
5 INSWING UNIVERSAL SILL



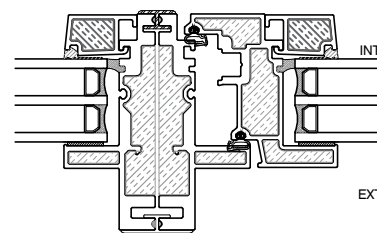
6 INSWING UNIVERSAL JAMB



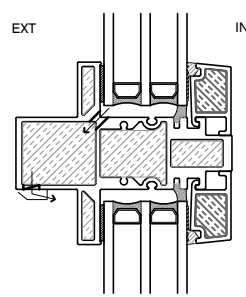
7 TYPICAL VERTICAL COUPLER



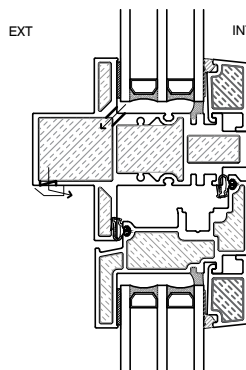
8 OPERABLE VERTICAL COUPLER

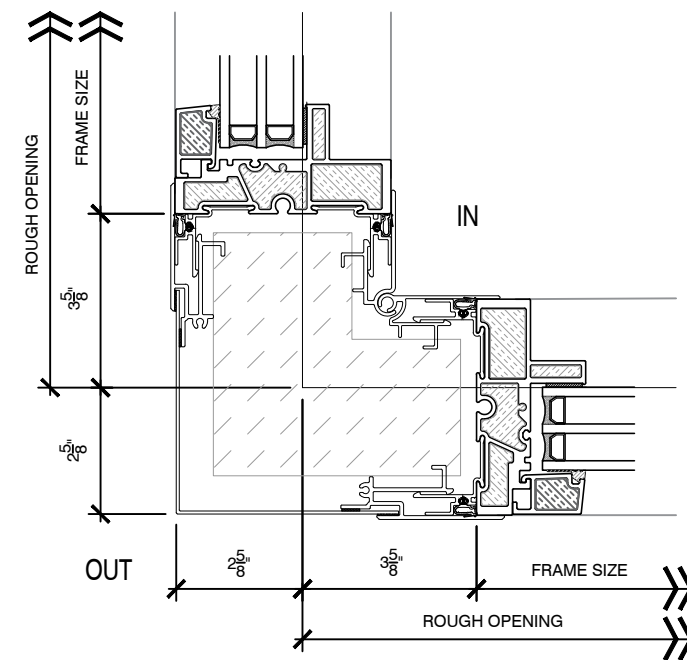


9 TYPICAL HORIZONTAL MULLION

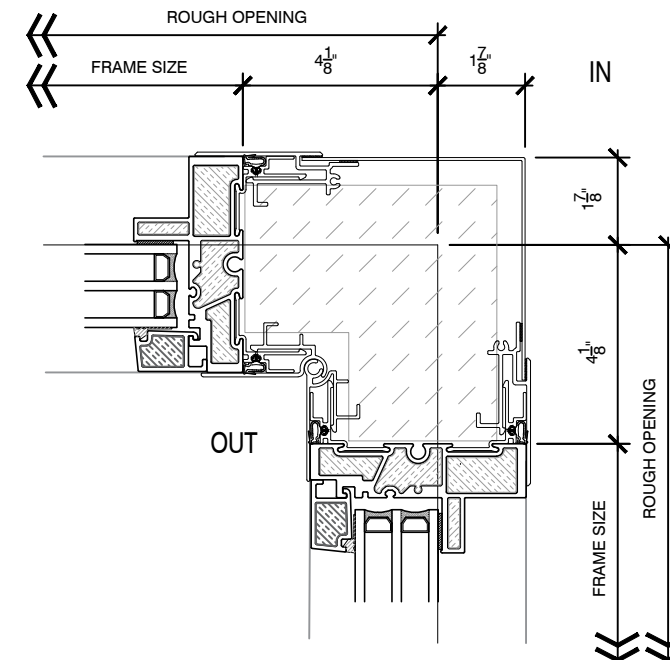


10 OPERABLE HORIZONTAL MULLION

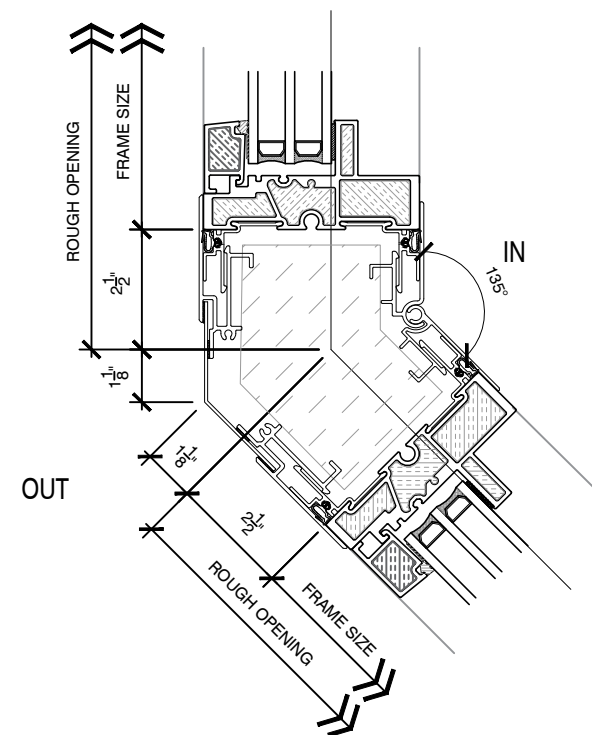




④ UNIVERSAL OUTSIDE CORNER



⑤ UNIVERSAL INSIDE CORNER



⑥ UNIVERSAL OUTSIDE CORNER

All details apply to corners from 90 degrees to 135 degrees (inside or outside corners).

Note:
The corner extrusions & inner insulation is factory-assembled and delivered to site as a single module.

Install sequence:
Window 1 - Corner module -
Window 2
(starting from either side)



CASCADIA

#101-5350 275TH STREET
LANGLEY, BC CANADA V4W 0C1
604-857-4600

PROJECT TITLE:
**UNIVERSAL
PUNCHED
WINDOWS**

ISSUE	DESCRIPTION	DATE
1	DRAFT DRAWINGS	FEB.1/19
2	VERSION 2	APR.28/20
3	VERSION 3	AUG.09/23

DRAWING
TITLE:
**EXT. GLAZED
WINDOW DETAILS**

SCALE: N.T.S. DRAWING NO.:
DATE: AUG. 09, 2023
DRAWN BY: CH
PROJECT #:
NWW7