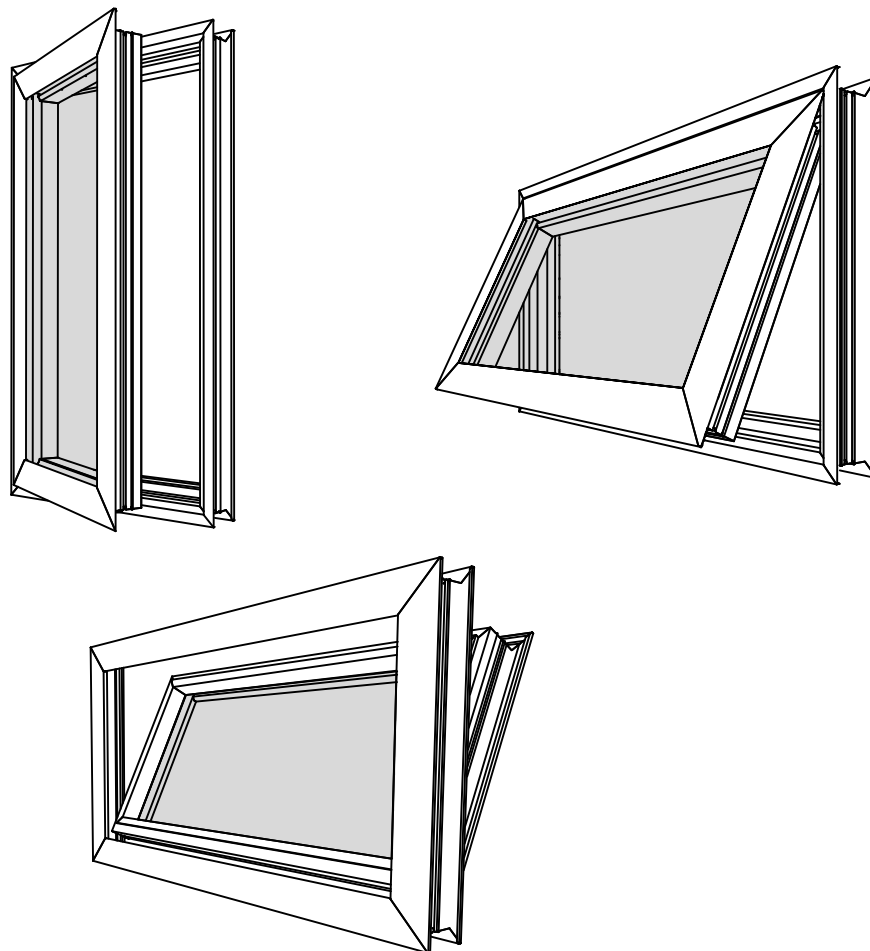


535 SERIES



KEY FEATURES

- 2 $\frac{13}{16}$ " profile
- High performance glass reinforced thermal break
- Integrated drainage
- 2 colour option
- Optional curtain wall adaptor

PERFORMANCE

- U value as low as 0.38 (1" double glazing)
- U value as low as 0.30 (1 $\frac{3}{4}$ " triple glazing)
- NAFS: AW-PG60



WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

JANUARY 2024

535 SERIES

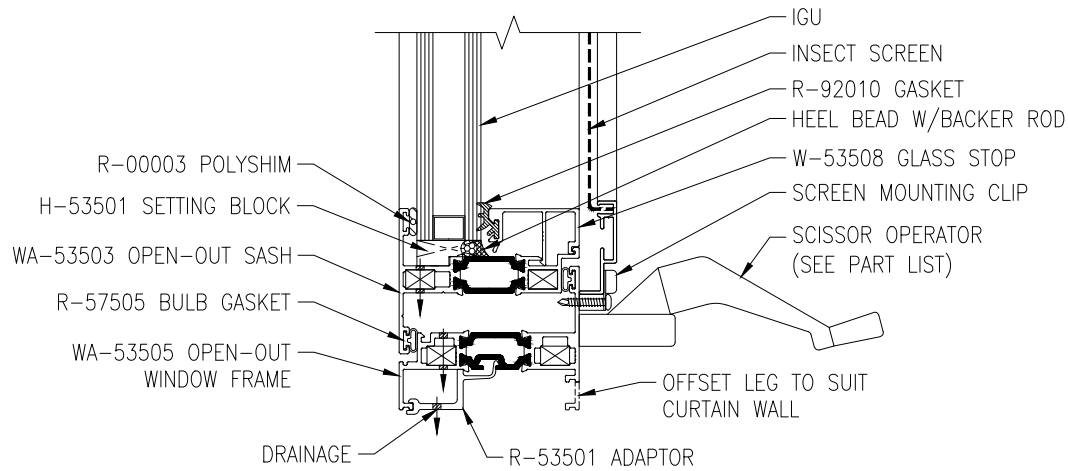
TABLE OF CONTENTS

Double Glazed 535 Vent Typical Accessories and Hardware _____	003
535 Vent Open-Out Configurations _____	004
535 Vent Open-In Configurations _____	005
535 Project-Out Vent in HTP 5500 C.W Details _____	006
535 Project-In Vent in HTP 5500 C.W. Details _____	008
535 Project-Out Vent in 925 R.S Details _____	010
535 Project-In Vent in 925 R.S Details _____	011
Triple Glazed 535 Vent Typical Accessories & Hardware _____	012
Triple Glazed 535 Project-Out Vent in HTP 5500 C.W. _____	013
Triple Glazed 535 Project-In Vent in HTP 5500 C.W. _____	015
Thermal Charts _____	017
Part List _____	018

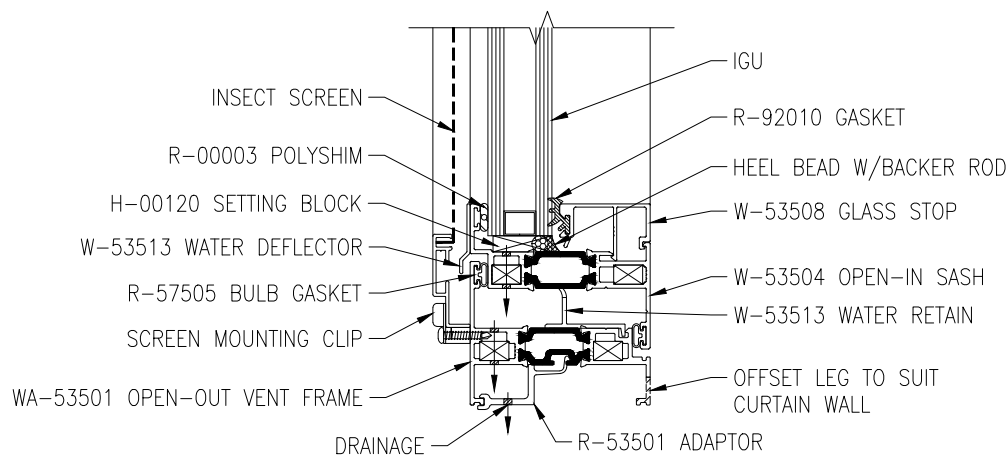


535 SERIES

DOUBLE GLAZED VENT TYPICAL ACCESSORIES & HARDWARE



OPEN-OUT



OPEN-IN

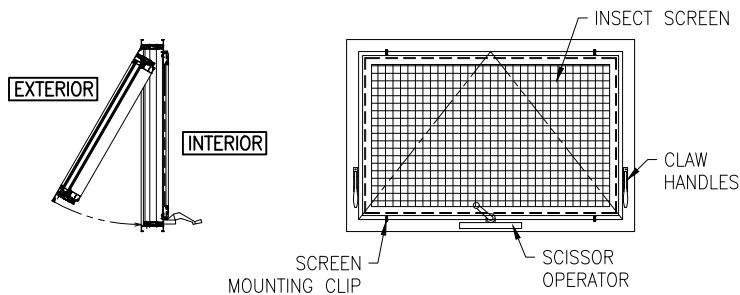


WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

JANUARY 2024

535 SERIES

535 VENT OPEN-OUT CONFIGURATIONS



AWNING WINDOW
OPEN-OUT (T.H.O.O.)

Scissor Operator (T.H.O.O.)

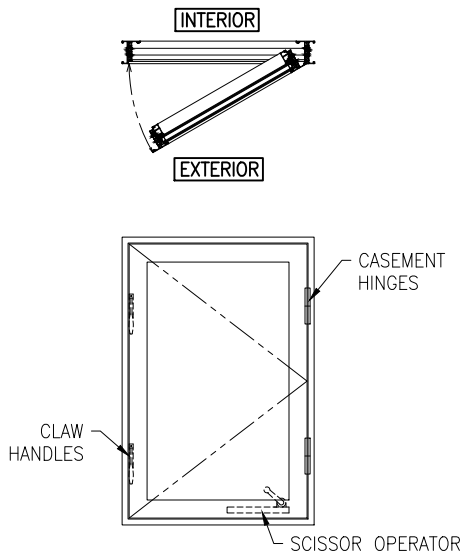
- Scissor Operator
- Claw Handles
- 4-Bar Hinges (Loose Rivet)
- Insect Screen (Standard but Optional)

Cam Handle (T.H.O.O.)

- Cam Handles
- 4-Bar Hinges (Commercial Tension)
- Not Compatible with Insect Screen

Prep for Teleflex (T.H.O.O.)

- Teleflex or Other Operator by Other
- Hinges Only
- Hinge Options
 - . Butt Hinges (Generally Preferred)
 - . 4-Bar Hinges (Loose Rivet)
- Insect Screen (Standard but Optional)



CASEMENT WINDOW
OPEN-OUT (S.H.O.O.)

Casement - Roto (S.H.O.O.)

- Roto Operator
- Claw Handles
 - . Multi-Point Lock Standard on Casements Over 42-1/2"
- Butt Hinges
- Insect Screen (Standard but Optional)

Casement - Egress (S.H.O.O.)

- Cam Handles
- Butt Hinges
- Not Compatible with Insect Screen
- This configuration cannot be used for ventilation as this will swing freely once cams are releases

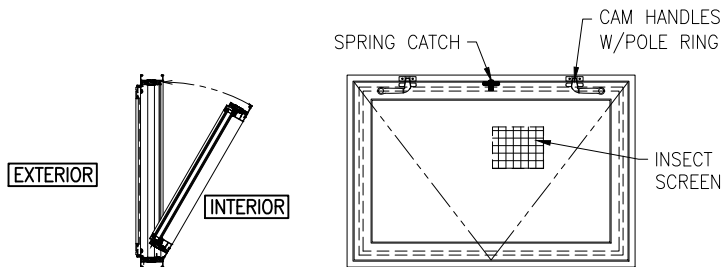


WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

JANUARY 2024

535 SERIES

535 VENT OPEN-IN CONFIGURATIONS



HOPPER WINDOW
OPEN-IN (B.H.O.I.)

Standard Hopper (B.H.O.I.)

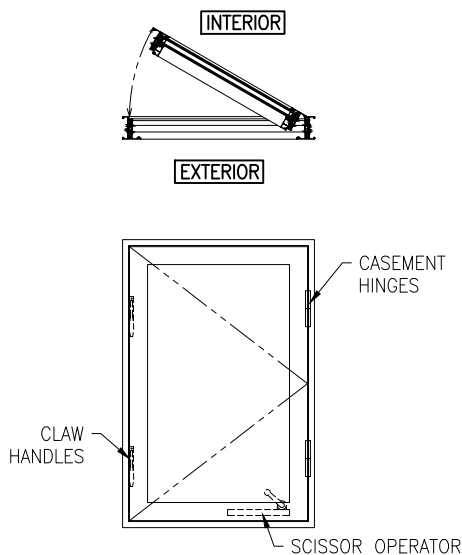
- Cam Handles
- 4-Bar Hinges (Commercial Tension)
- Insect Screen (Standard but Optional)

Hopper w/Spring Catch (B.H.O.I.)

- Cam Handles for Pole Operator
- Spring Catch for Pole Operator
- 4-Bar Hinges (Commercial Tension)
- Insect Screen (Standard but Optional)
- Pole Sold Separately

Hopper w/Spring Catch Only (B.H.O.I.)

- Spring Catch for Pole Operator
- 4-Bar Hinges (Commercial Tension)
- Insect Screen (Standard but Optional)
- Pole Sold Separately



CASEMENT WINDOW
OPEN-IN (S.H.O.I.)

Casement (S.H.O.I.)

- Cam Handles
- Butt Hinges
- Not Typical with Insect Screen
- This configuration is typical for access window

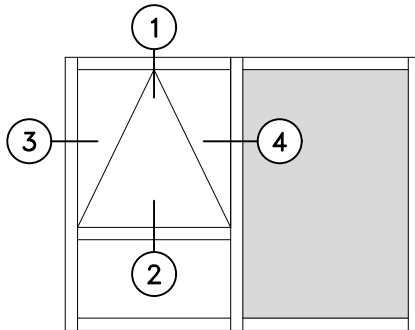


WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

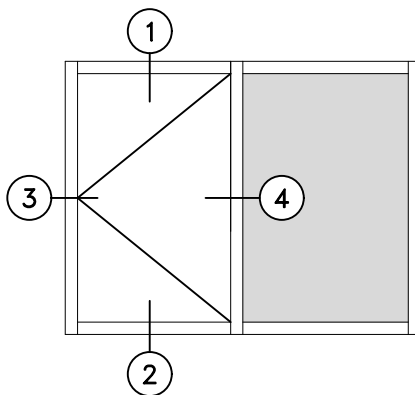
JANUARY 2024

535 SERIES

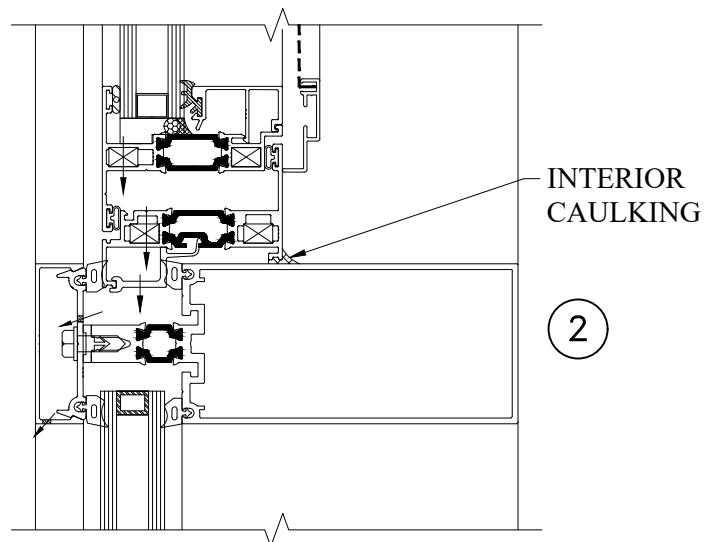
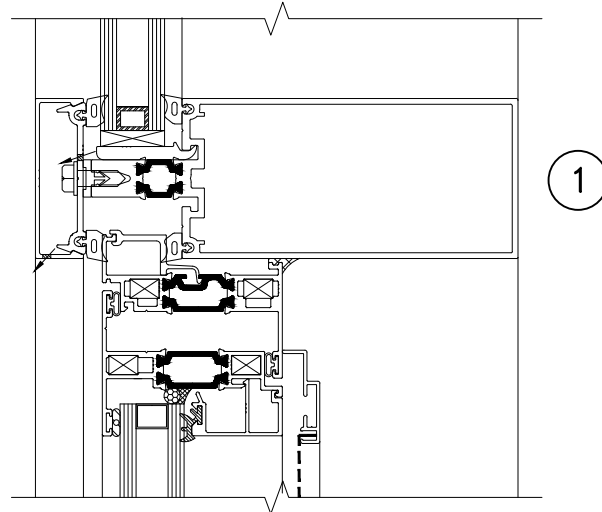
535 PROJECT-OUT VENT IN CURTAIN WALL
(5500 HTP SHOWN FOR REFERENCE)



AWNING WINDOW
OPEN-OUT (T.H.O.O.)



CASEMENT WINDOW
OPEN-OUT (S.H.O.O.)

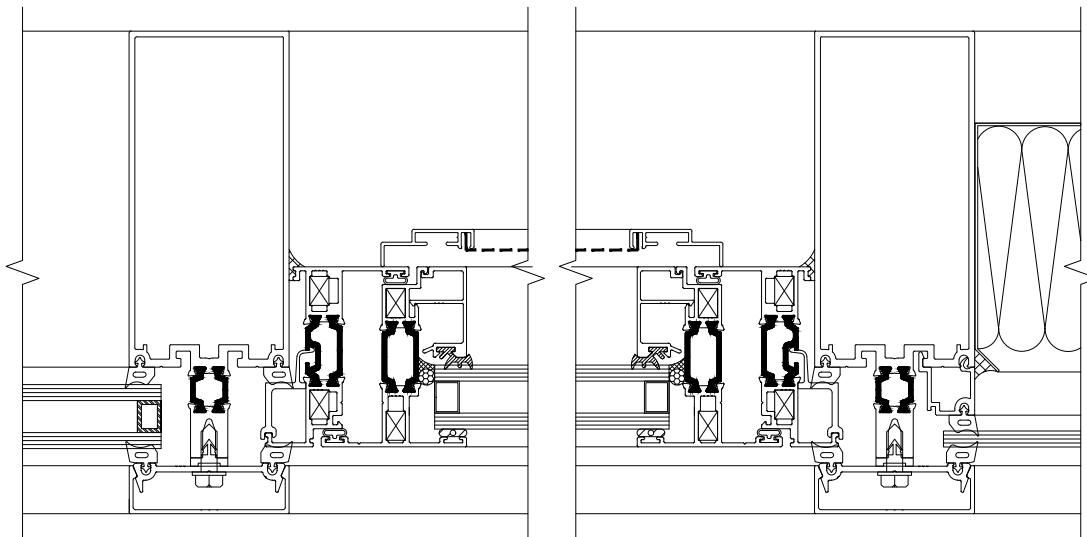


WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

JANUARY 2024

535 SERIES

535 PROJECT-OUT VENT IN CURTAIN WALL
(5500 HTP SHOWN FOR REFERENCE)



3

4

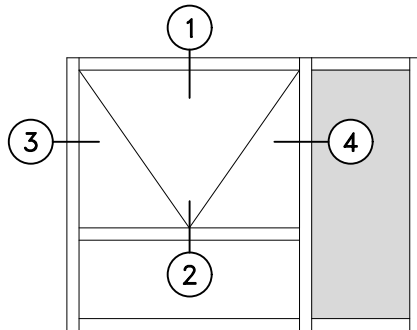


WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

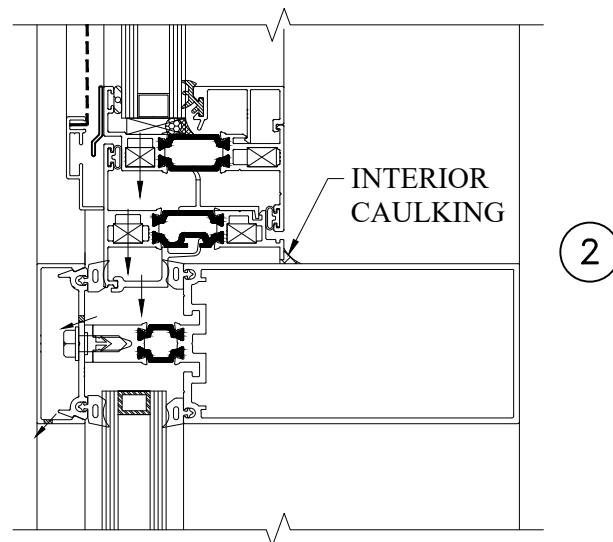
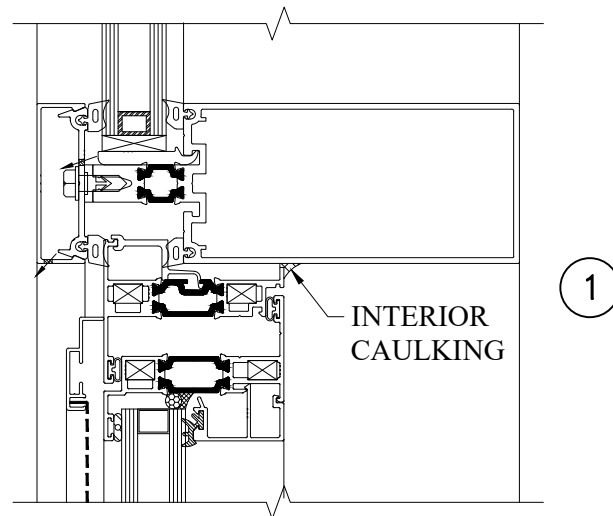
JANUARY 2024

535 SERIES

535 PROJECT-IN VENT IN CURTAIN WALL
(5500 HTP SHOWN FOR REFERENCE)



HOPPER WINDOW
OPEN-IN (B.H.O.I.)

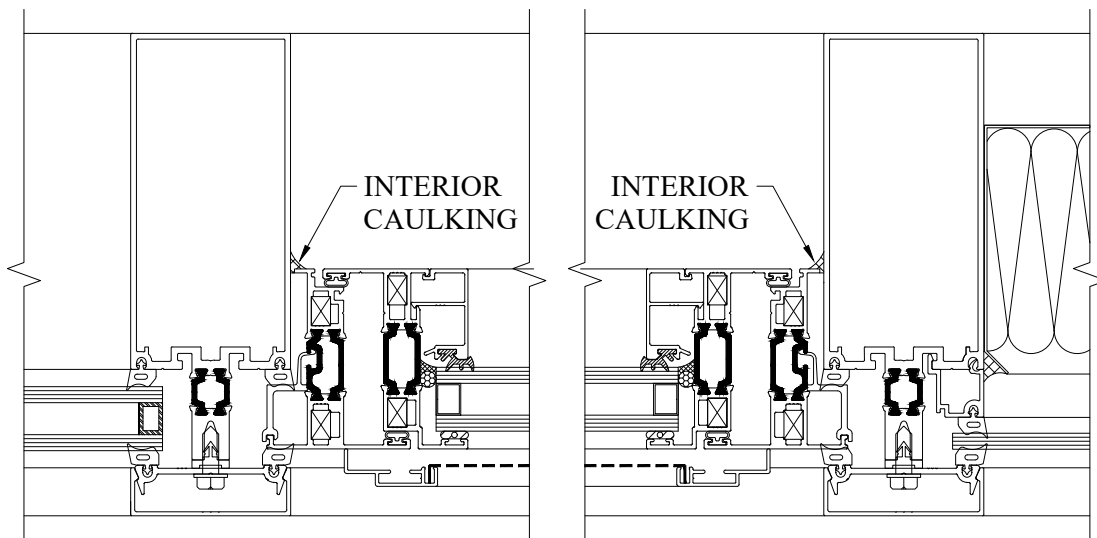


WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

JANUARY 2024

535 SERIES

535 PROJECT-IN VENT IN CURTAIN WALL
(5500 HTP SHOWN FOR REFERENCE)



3

4

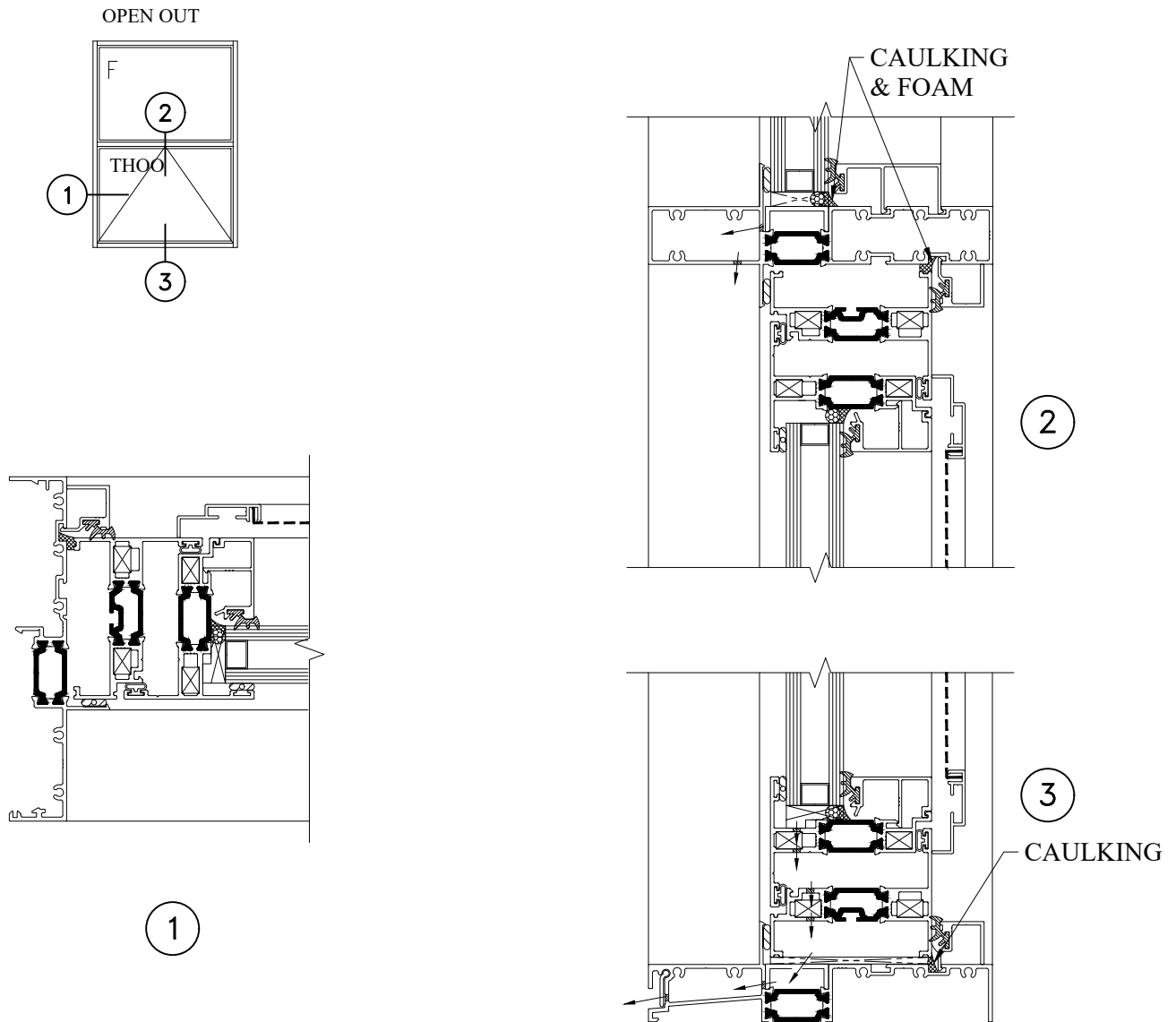


WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

JANUARY 2024

535 SERIES

535 PROJECT-OUT VENT IN WINDOW (925 R.S SHOWN FOR REFERENCE)

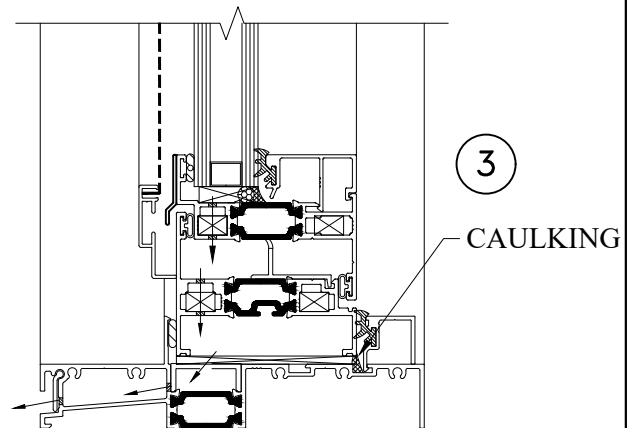
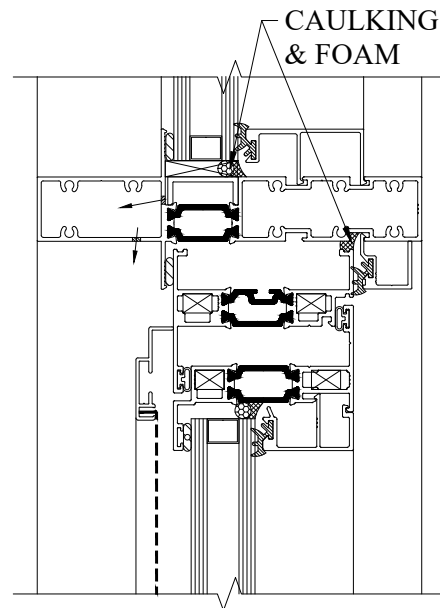
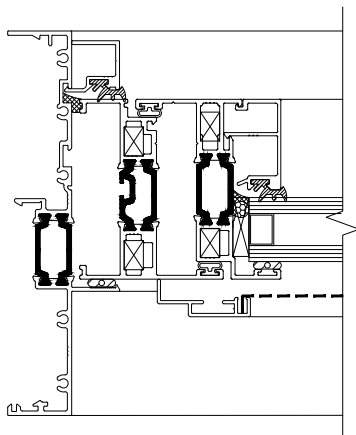
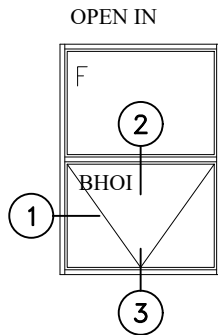


WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

JANUARY 2024

535 SERIES

535 PROJECT-IN VENT IN WINDOW
(925 R.S SHOWN FOR REFERENCE)

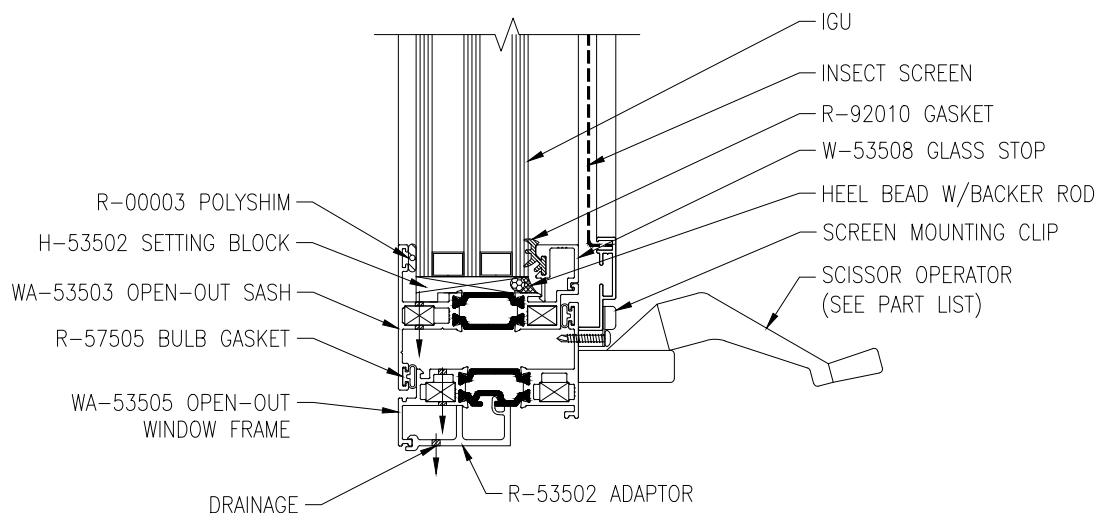


WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

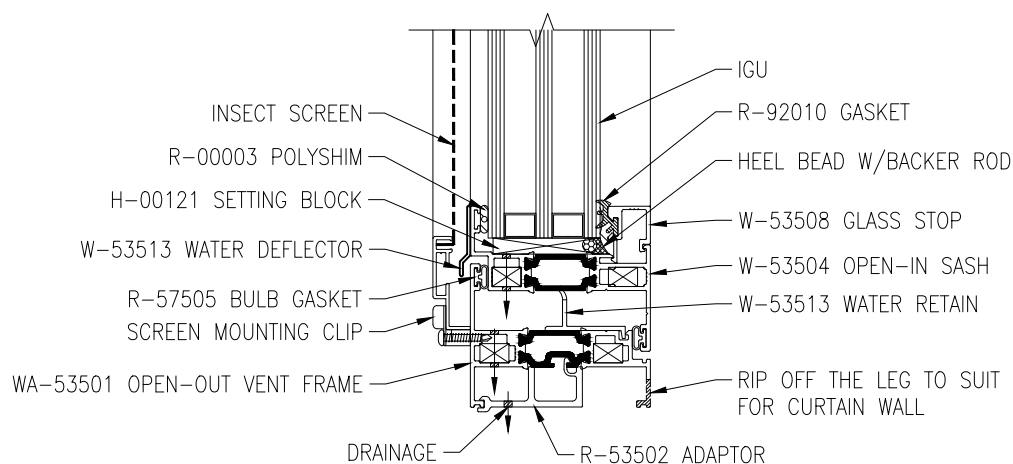
JANUARY 2024

535 SERIES

TRIPLE GLAZED VENT TYPICAL ACCESSORIES & HARDWARE



OPEN-OUT



OPEN-IN

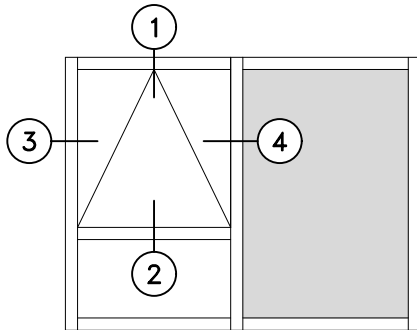


WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE "WINDSPEC" WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

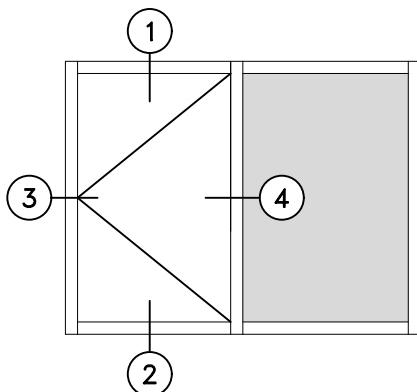
JANUARY 2024

535 SERIES

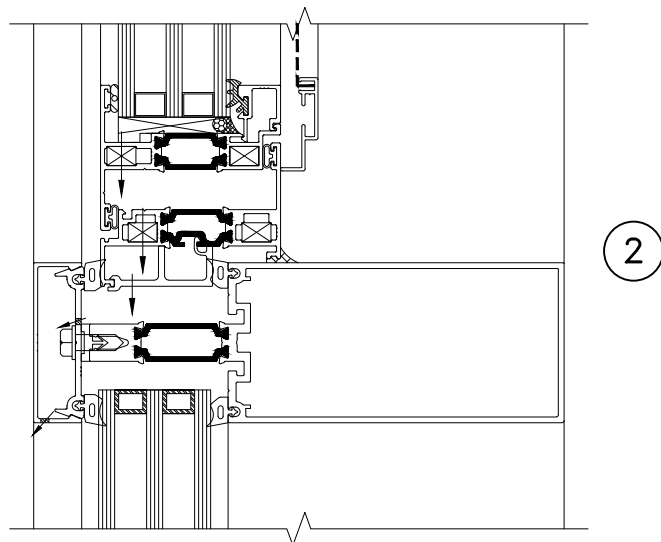
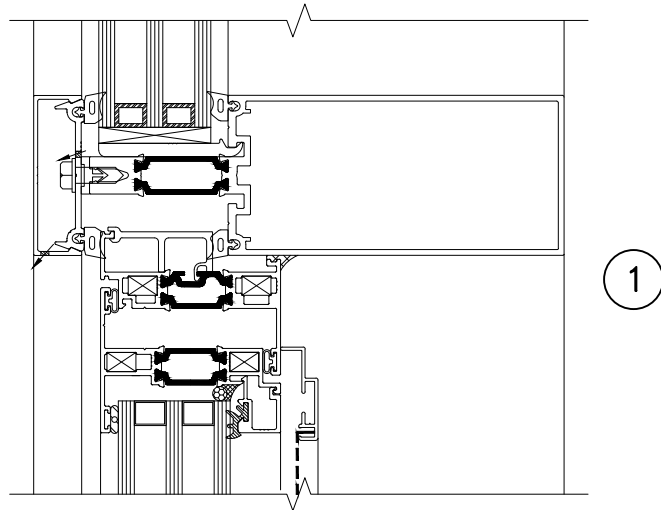
TRIPLE GLAZED 535 PROJECT-OUT VENT IN CURTAIN WALL
(5500 HTP SHOWN FOR REFERENCE)



AWNING WINDOW
OPEN-OUT (T.H.O.O.)



CASEMENT WINDOW
OPEN-OUT (S.H.O.O.)

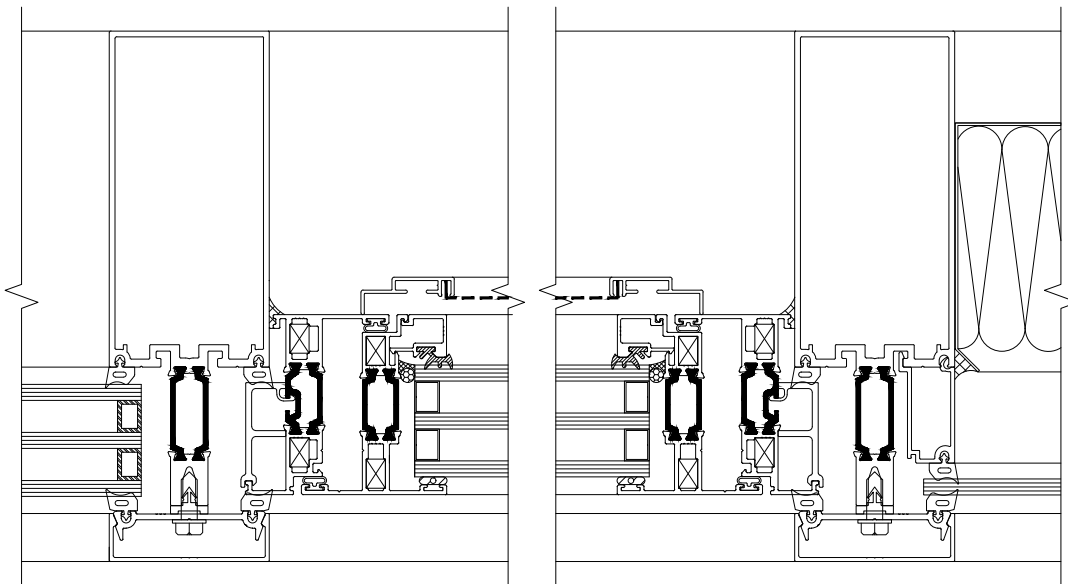


WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

JANUARY 2024

535 SERIES

TRIPLE GLAZED 535 PROJECT-OUT VENT IN CURTAIN WALL
(5500 HTP SHOWN FOR REFERENCE)



3

4

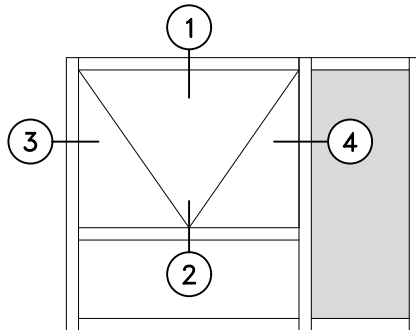


WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

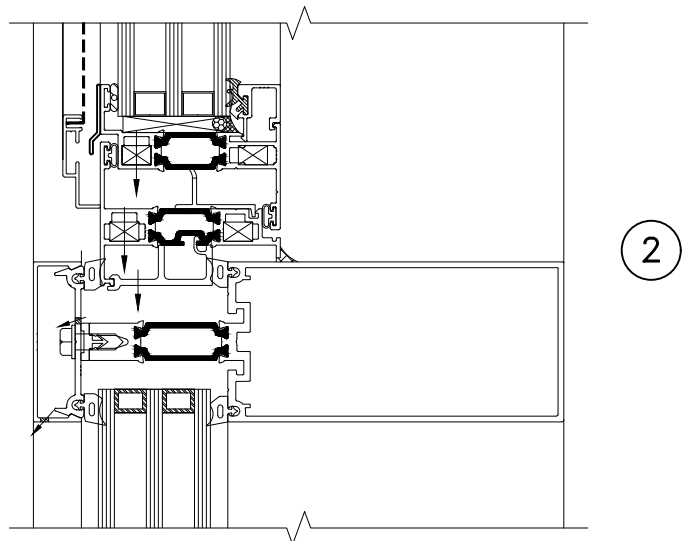
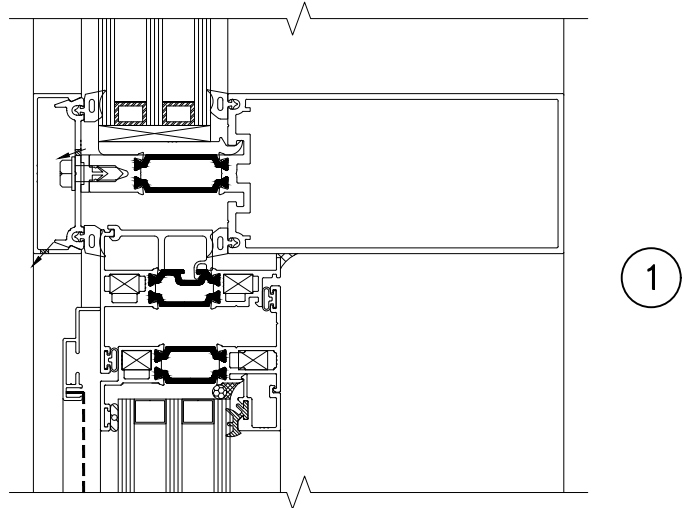
JANUARY 2024

535 SERIES

TRIPLE GLAZED 535 PROJECT-IN VENT IN CURTAIN WALL
(5500 HTP SHOWN FOR REFERENCE)



HOPPER WINDOW
OPEN-IN (B.H.O.I.)

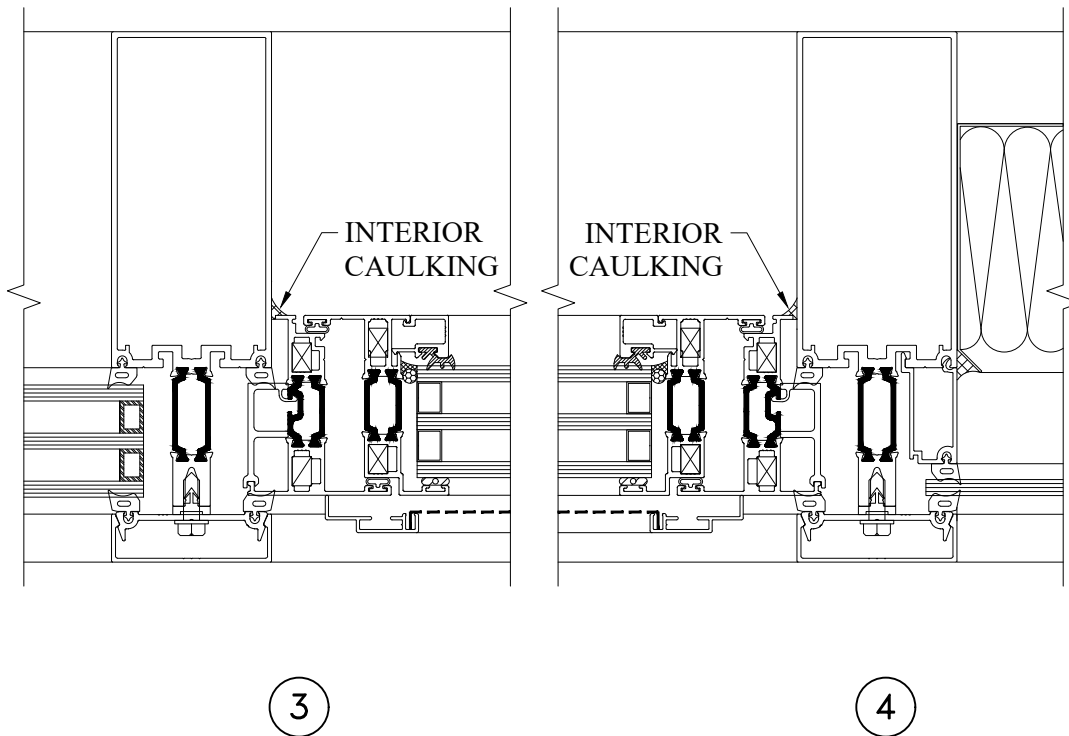


WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

JANUARY 2024

535 SERIES

TRIPLE GLAZED 535 PROJECT-IN VENT IN CURTAIN WALL
(5500 HTP SHOWN FOR REFERENCE)



WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

JANUARY 2024

535 SERIES

THERMAL CHARTS

U-cog	535 Casement with Double Glazing		
	Aluminum Spacer	Stainless Steel Spacer	Non-Metal Spacer
0.18	0.41	0.39	0.37
0.20	0.42	0.41	0.38
0.22	0.43	0.42	0.40
0.24	0.44	0.43	0.41
0.26	0.46	0.44	0.42
0.28	0.47	0.45	0.43
0.30	0.48	0.47	0.44
0.32	0.49	0.48	0.46
0.34	0.50	0.49	0.47
0.36	0.51	0.50	0.48
0.38	0.53	0.51	0.49
0.40	0.54	0.53	0.51
0.42	0.55	0.54	0.52
0.44	0.56	0.55	0.53
0.46	0.57	0.56	0.54
0.48	0.59	0.57	0.55

U-cog	535 Casement with Triple Glazing		
	Aluminum Spacer	Stainless Steel Spacer	Non-Metal Spacer
0.10	0.33	0.31	0.29
0.12	0.34	0.33	0.30
0.14	0.36	0.34	0.32
0.16	0.37	0.35	0.33
0.18	0.38	0.36	0.34
0.2	0.39	0.37	0.35
0.22	0.40	0.39	0.37
0.24	0.41	0.40	0.38
0.26	0.43	0.41	0.39
0.28	0.44	0.42	0.40
0.30	0.45	0.43	0.41

575 Casement (Dbl and Tpl Glazed)	
SHGC-cog	SHGC-Product
0.05	0.05
0.10	0.08
0.15	0.12
0.20	0.15
0.25	0.18
0.30	0.21
0.35	0.25
0.40	0.28
0.45	0.31
0.50	0.34
0.55	0.38
0.60	0.41
0.65	0.44
0.70	0.47
0.75	0.51

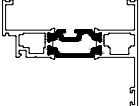
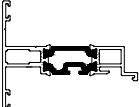
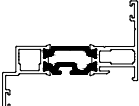
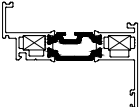


WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

JANUARY 2024

535 SERIES

PART LIST

Part Number	Description	Profile
WA-53501	535 Open Out Vent Frame	 SCALE 1:1
WA-53503	535 Open Out Sash	 SCALE 1:1
WA-53504	535 Open In Sash	 SCALE 1:1
WA-53505	535 Open Out Vent Frame Adaptor for Curtain Wall Frame	 SCALE 1:1
W-53508	Sash Stop 1" Glass	 SCALE 1:1
W-53509	Sash Stop 1 3/4" Glass	 SCALE 1:1



WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

JANUARY 2024

535 SERIES

PART LIST

Part Number	Description	Profile
R-53501	PVC Adaptor for Curtain Call (Double Glazing)	 SCALE 1:1
R-53502	PVC Adaptor for Curtain Wall (Triple Glazing)	 SCALE 1:1
W-53513	Water Deflector	 SCALE 1:1
R-53503	Water Retainer	 NTS
R-57505	Bulb Gasket	 NTS
R-92010	Glazing Gasket	 NTS
R-00003	Polyshim Gasket	 NTS
H-53501	EPDM Setting Block for Open Out (Double Glazed)	 NTS
H-53502	EPDM Setting Block for Open Out (Triple Glazed)	 NTS

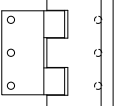


WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

JANUARY 2024

535 SERIES

PART LIST

Part Number	Description	Profile
H-00120	EPDM Setting Block for Open-In ($\frac{1}{4}$ " x $1\frac{1}{8}$ " x 5" for Double Glazed)	 NTS
H-00121	EPDM Setting Block for Open-In ($\frac{1}{4}$ " x $1\frac{7}{8}$ " x 5" for Triple Glazed)	 NTS
H-53550	Casement Hinge Color: Clear, Bronze, Black, Light Bronze, Paintable	 NTS
H-52047-(L) H-52047-(R)	Cam Handle (Open-Out) (Nickel Plated)	 NTS
H-52022-(L) H-52022-(R)	Cam Handle (Open-In) (Nickel Plated)	 NTS
H-52086-(L) H-52086-(R)	Cam Handle (Open-In for Pole Operator) (Nickel Plated)	 NTS
H-52030	Claw Handle (Nickel or Black)	 NTS
H-52029	Spring Catch (Nickel Plated)	 NTS



WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

JANUARY 2024

535 SERIES

PART LIST

Part Number	Description	Profile
H-52021	Keeper (Open In) w/Cam Handle	 NTS
H-52032	Keeper (Open Out) w/Claw Handle	 NTS
H-52055	Small Scissor Operator (16 $\frac{3}{4}$ " (for Awnings 17 $\frac{5}{8}$ "-28 $\frac{1}{2}$ " Available in Nickel or Black & Approx. 1 $\frac{3}{4}$ " Air Space in 535 Vent	 NTS
H-52056	Medium Scissor Operator (23 $\frac{3}{4}$ " (for Awnings 28 $\frac{5}{8}$ "-38 $\frac{1}{2}$ " Available in Nickel or Black Approx. 5" Air Space in 535 Vent	 NTS
H-52057	Large Scissor Operator (27 $\frac{3}{4}$ " (for Awnings 38 $\frac{5}{8}$ " +) Available in Nickel or Black Approx. 7 $\frac{1}{4}$ " Air Space in 535 Vent	 NTS
H-52059	Crank Handle for Scissor Operator (Nickel or Black)	 NTS
Various	Heavy Duty 4-Bar Hinge (Please Contact Sales Rep. for Sizes and Tensions)	 NTS
H-52033	Pole Hook (Require Aluminum Rod)	 NTS



WINDSPEC INC.
MANUFACTURERS OF HIGH PERFORMANCE 'WINDSPEC' WINDOWS
ALUMINUM ENTRANCE SYSTEMS AND ARCHITECTURAL PANELS
1310 CREDITSTONE RD, CONCORD, ONTARIO L4K 5T7
Telephone (905) 738 -8311 Fax (905) 738 - 6188

JANUARY 2024