

Coastline Casement and Awning Windows

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Unit Features

Product Name: Coastline Casement IZ4 and Coastline Awning IZ4 (Awning was formerly known as Projection)

Product Series:

- 400
- 425 or 426
- 450

Abbreviation: COCA IZ4, COAWN IZ4

Frame Material and Construction:

- Frame is .078 extruded aluminum
- Frame depth is 3 15/16"
- Optional Color Finishes:
 - Storm Safe White
 - Storm Safe Bronze
 - Anodized
 - Walnut
 - Red Cinnamon
 - Honey Cherry
 - English Oak
 - White Kynar
 - Bronze Kynar
 - Black Kynar
 - Custom Colors available
 - Wood Grain Finishes

Swing/Style:

- RH & LH Casement (105' max opening position)
- Bottom for Awning (16" Max Open Position)

Screen:

- Optional (Fiberglass Mesh)

Hardware:

- Crank out multi point lock
- Standard with foldable handles
- E-Guard coated hinge
- Standard
- Stainless or Washable Available
- **Other Options:**
 - 2-6 locking points based on size
 - Washable hinges allow the window to open past 90 to make it easier to clean the outside surface
 - Residential, High Rise, Energy Efficient Series, Restrictor

Sill:

- Standard Sill

Muntin Options:

- Colonial grids available'
- Ogee/Flat
- Square/Flat
- Flat/Flat
- GBG

Glass and Glazing:

- Glass Options:
 - 5/16" Laminated PVB,
 - 7/16" Laminated Impact,
 - 11/16" Insulated Impact
 - 7/16" Impact Glass HS (SGP)
- Glass Tint Options
 - Clear
 - Grey Tint
 - Bronze Tint
 - Green Tint
 - Azurelite Blue Tint
 - LoE 366 Clear
 - LoE 366 Grey
 - LoE 366 Bronze
 - LoE 366/ I-89
 - Solarban 70 Clear
 - Solarban 70 Grey
 - Solarban 70 Bronze
- Options:
 - White Innerlayer
 - Pat 62 Obscure
 - Rain
 - Glue-Chip
 - Ogee Glass Stops
 - Thin Ribbed
 - Double Tint
 - Neat

Minimum/Maximum

Casement Max operable 32" x 84", 37" x 80", 42" x 63" (DP +/-80)

Casement Max fixed up to 42 sq. ft., 42" x 144", 72" x 90" (DP +/-80)

Awning Max operable 80" x 37", 84" x 32" (DP +/-80)

PRODUCT ABBREVIATION	MAX AREA (sq. ft.)	MAX WIDTH (in.)	MAX HEIGHT (in.)	MAX DP (PSF)	OPERATION
COCA	20.5	53	84	+ 80 / -80	LH, RH
CODG CA	46	78	144	+ 80 / -80	Fixed
COAWN	20.5	84	84	+ 80 / -80	Operable

NFRC Energy Performance Chart

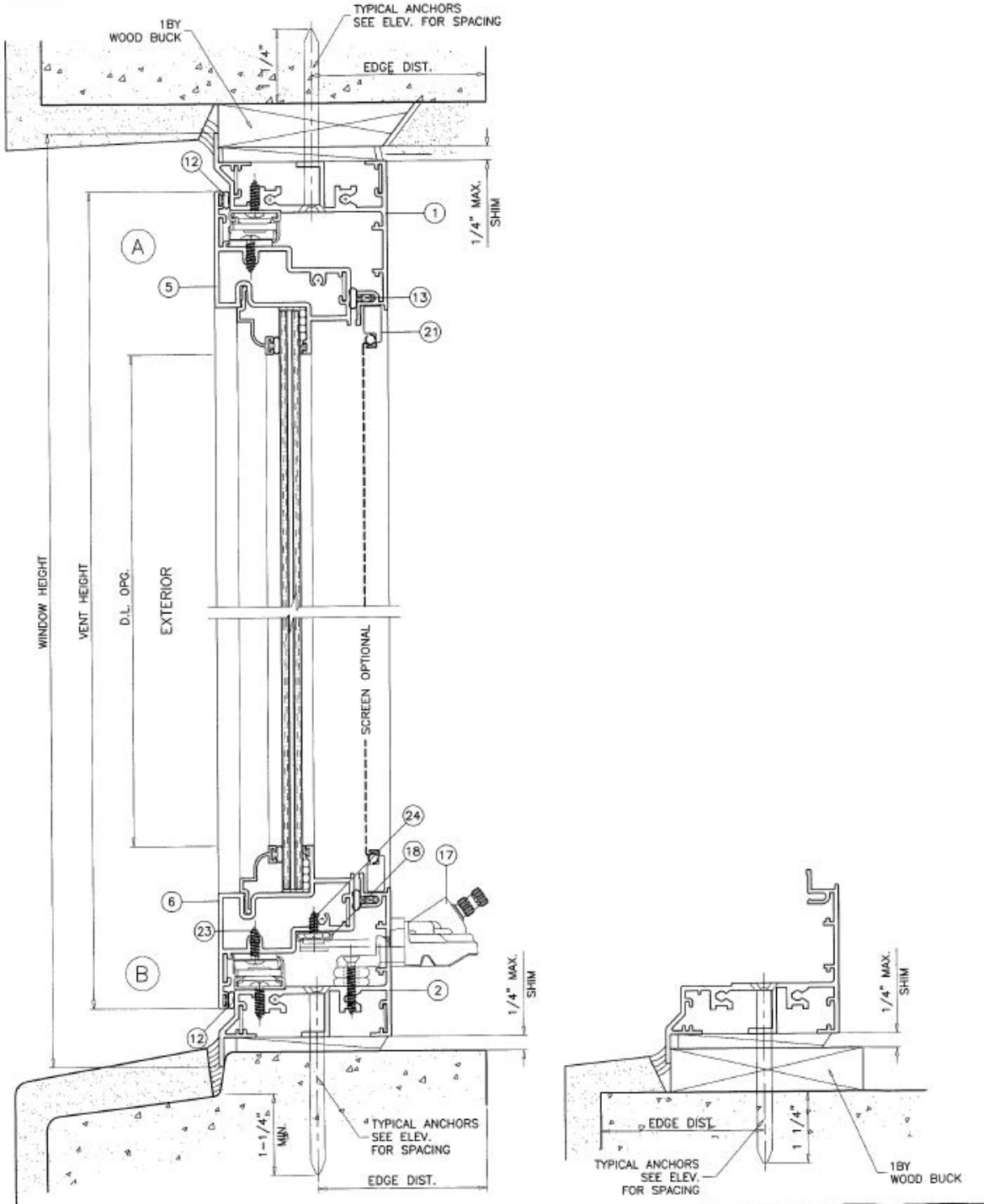
Coastline Awning IZ4

Description	U Factor	SHGC	VT
5/16" SG Lami	0.81	0.49	0.51
5/16" SG Low E3 Lami	0.80	0.50	0.51
5/16" SG Low E3 Lami	0.81	0.36	0.00
5/16" SG Lami WH	0.71	0.20	0.40
5/16" SG Lami	0.69	0.20	0.39
5/16" SG Low E3 Lami	0.71	0.17	0.00
5/16" SG Low E3 Lami	1.12	0.52	0.56
7/16" SG Lami	1.11	0.52	0.55
7/16" SG Low E3 Lami	1.12	0.23	0.00
7/16" SG Low E3 Lami	1.10	0.24	0.39
11/16" IG Low E3/Lami Arg	1.10	0.24	0.39
11/16" IG Low E3/Lami WH Arg	1.11	0.25	0.39
11/16" IG Lami Arg	1.10	0.24	0.38
11/16" IG Lami WH Arg	1.09	0.50	0.55
11/16" IG Lami Arg	1.10	0.25	0.38
11/16" IG Low E3/Lami Arg	1.09	0.25	0.37

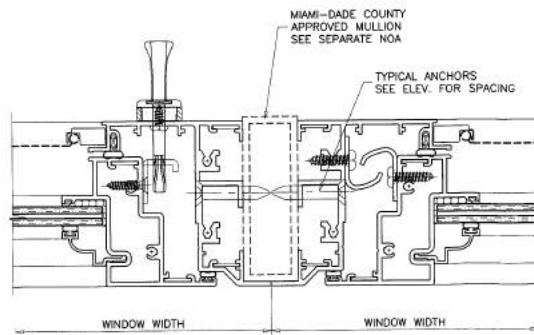
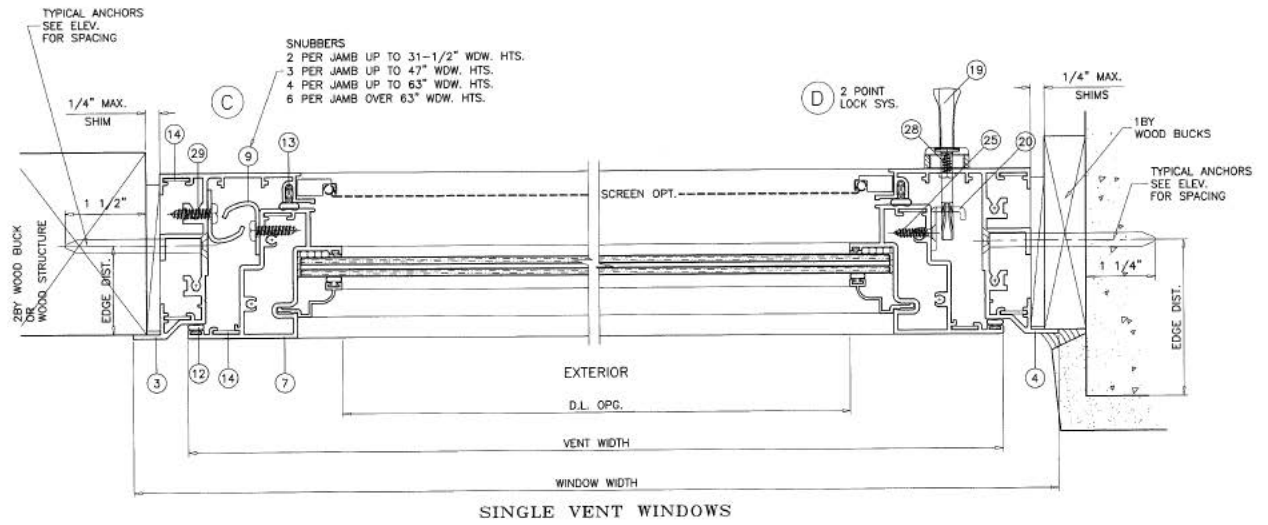
Coastline Casement IZ4

Description	U Factor	SHGC	VT
5/16" SG Lami	1.08	0.52	0.56
5/16" SG Lami	1.08	0.52	0.55
5/16" SG Lami WH	1.08	0.23	0.00
5/16" SG Low E3 Lami	1.07	0.24	0.39
5/16" SG Low E3 Lami	1.07	0.24	0.39
5/16" SG Low E3 Lami	1.08	0.25	0.39
5/16" SG Low E3 Lami	1.07	0.24	0.38
7/16" SG Lami	1.06	0.50	0.55
7/16" SG Low E3 Lami	1.07	0.25	0.38
7/16" SG Low E3 Lami	1.06	0.25	0.37
11/16" IG Lami Arg	0.80	0.49	0.51
11/16" IG Lami Arg	0.79	0.49	0.51
11/16" IG Lami WH Arg	0.80	0.36	0.00
11/16" IG Low E3/Lami Arg	0.70	0.20	0.40
11/16" IG Low E3/Lami Arg	0.68	0.20	0.39
11/16" IG Low E3/Lami WH Arg	0.70	0.17	0.00

Section Details Series S-400



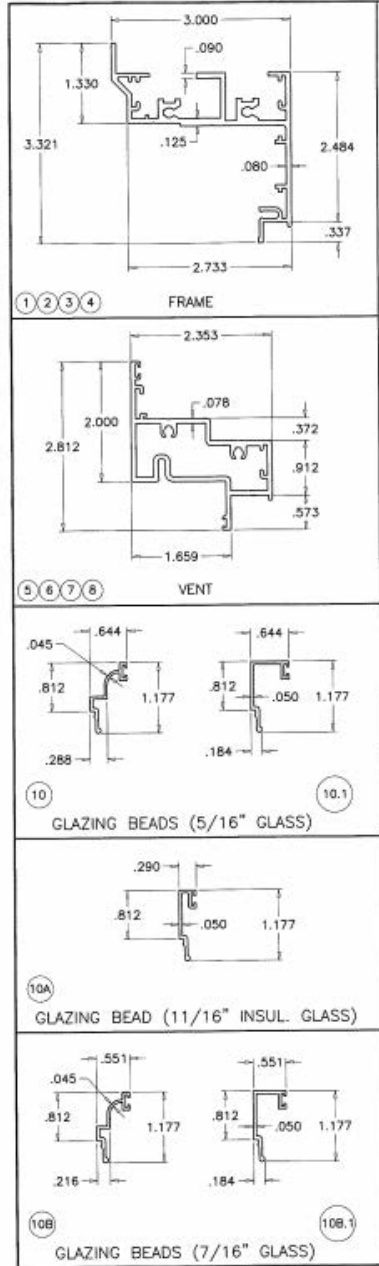
Section Details Series S-400



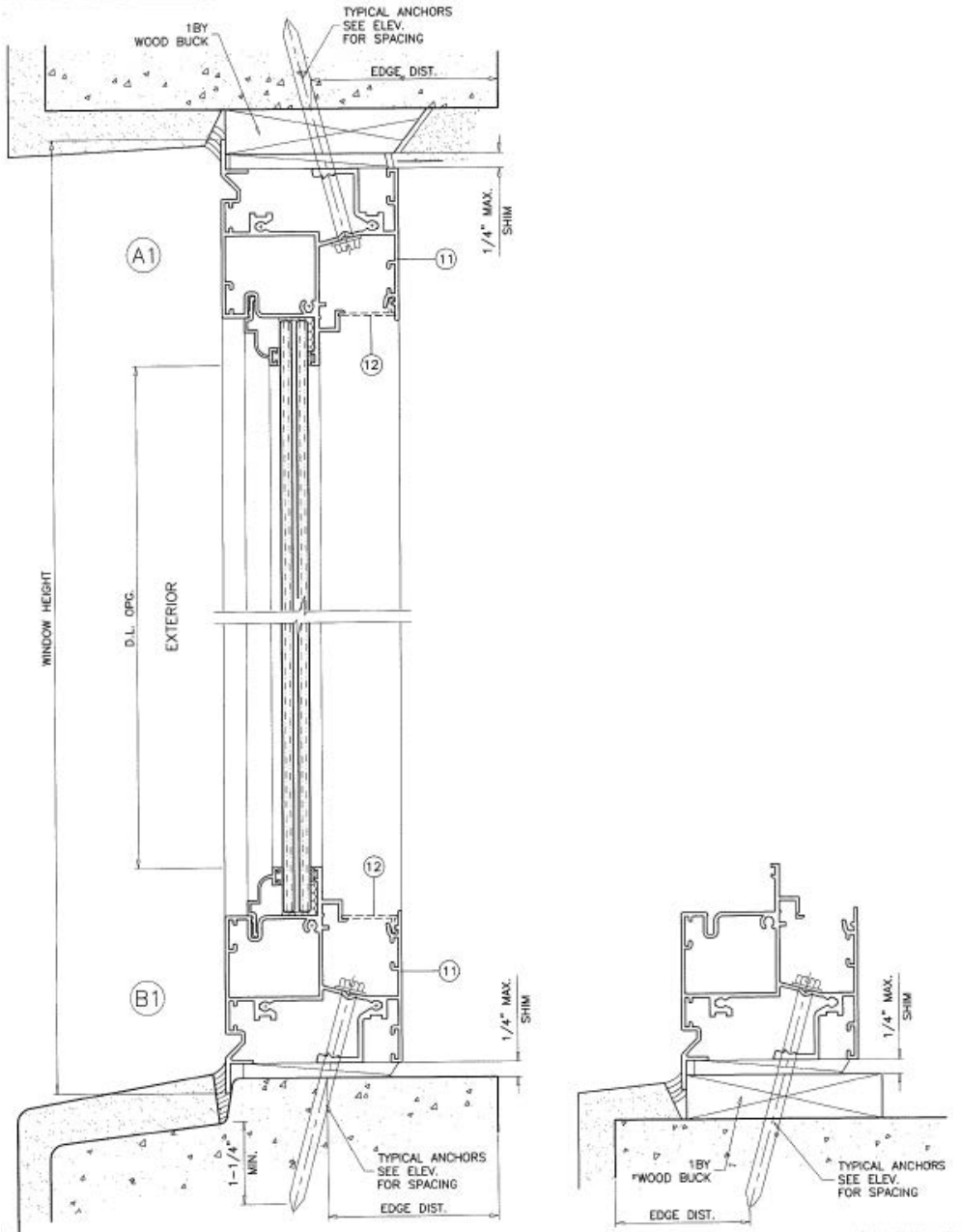
Parts Details Series S-400

Item Number	Part Number	Required	Description
1	SIW401	1	Frame Head
2	SIW401	1	Frame Sill
3	SIW401	1	Frame Jamb- Hinge Side
4	SIW401	1	Frame Jamb- Latch Side
5	SIW402	1	Vent Top Rail
6	SIW402	1	Vent Bottom Rail
7	SIW402	1	Vent Side Rail-Hinge Side
8	SIW402	1	Vent Side Rail-Latch Side
9	23138	As Required	Snubber
10	SIW112	As Required	Glazing Bead (5/16" Glass)
10.1	SIW128	As Required	Alternate Glazing Bead (5/16" Glass)
10A	SIW117	As Required	Glazing Bulb (11/16" Insulated Glass)
10B	SIW108	As Required	Glazing Bead (7/16" Glass)
10B.1	NA	As Required	Alternate Glazing Bead (7/16" Glass)
11	5531	As Required	Exterior Glazing Spacer (Durometer 70 +/- 5) Shore A
12	9302	As Required	Outer Compression Seal
13	APT425	As Required	Inner Compression Seal
14	PJS40-SS	2/Corner	Corner Lock
16	35.13	2/Wdw	4 Bar Hinges-Heavy Duty
17	52.13	1/Wdw	Single Arm Operator
17.1	32658	1	Operator Gasket .062
17.2	32833	1	Operator Spacer .236
17.3	21546	1	Operator Spacer .138
17.4	21547	1	Operator Spacer .189
18	30175	1/Operator	Track
19	24.25	2/Vent	Lock Assembly (Single Point Lock System)
19.1	31496	2/Vent	Spacer (Single Point Lock System)
20	31384	1/Lock	Keeper (Single Point Lock System)
19A	24.33	2/Vent	Lock Assembly (Multi Point Lock System)
19A.1	24 Series	2/Vent	Spacer (Multi Point Lock System)
19A.2	32824	1/Lock	Support Plate (Multi Point Lock System)
20A	NA	As Required	Keeper (Multi Point Lock System)
20A.1	NA	1	Interlock Roller Tie Bar (Multi Point Lock System)
20A.2	NA	As Required	Tie Bar Guide (Multi Point Lock System)
20A.3	NA	2/Guide	Tie Bar Guide Mounting Screws (Multi Point Lock System)
21	NA	1	5/16" Box Screen
22	NA	2/Corner	Frame & Vent Assembly Screws
23	NA	6/Hinge	Hinge Mounting Screws
24	NA	2/Operator	Operator Track Meeting Screws
25	NA	2/Keeper	Keeper Mounting Screws
27	NA	6/Operator	Operator Mounting Screws
288	NA	2/Lock	Lock Assembly Mounting Screws
29	NA	2/Snubber	Snubber Meeting Screw
32	5530	As Required	Interior Glazing Spacer, Durometer 70 +/- Shore A
33	NA	2/Lite	Setting Blocks

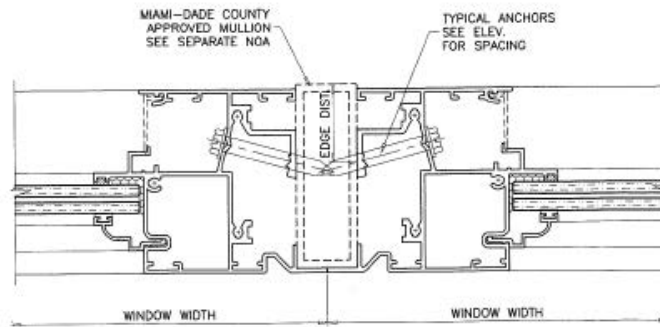
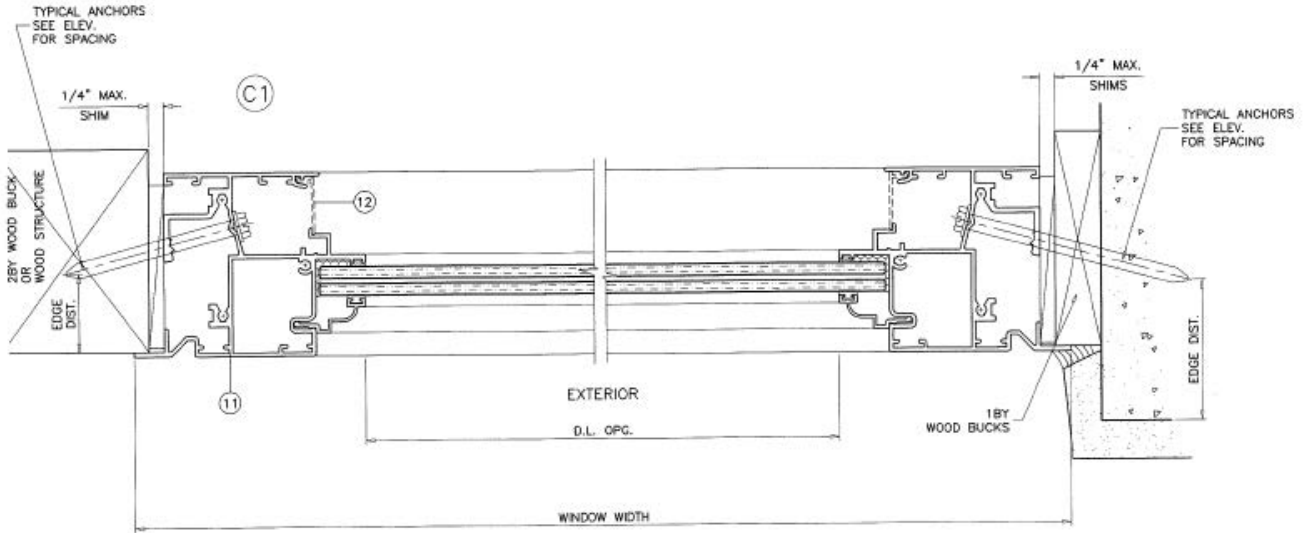
Parts Details Series S-400



Section Details Series S-425



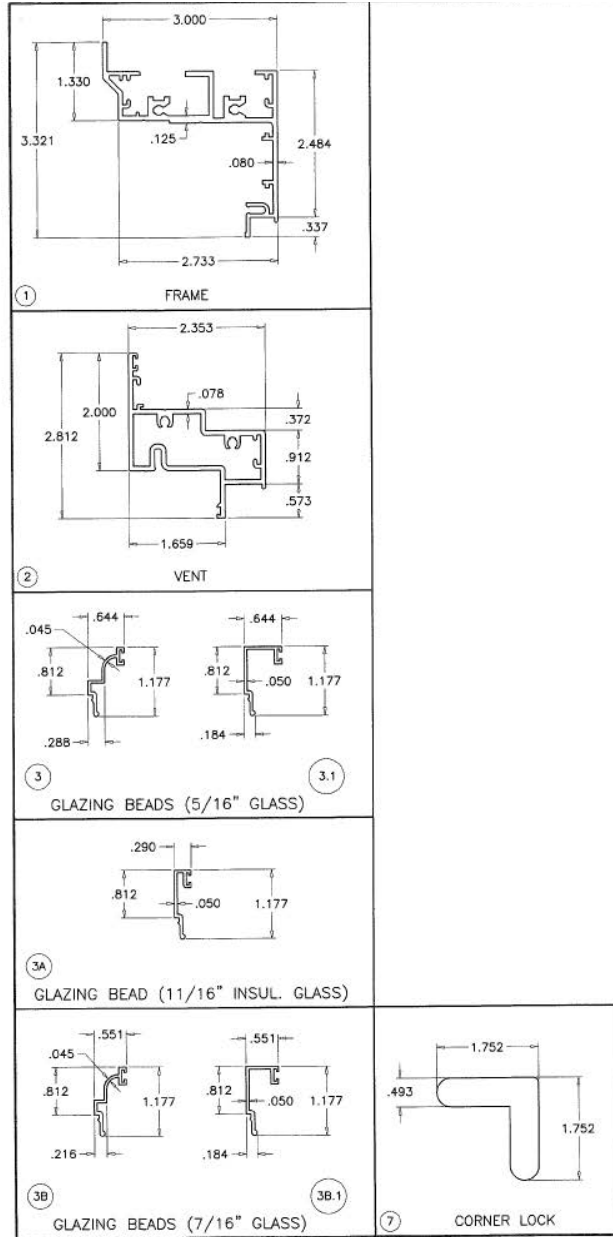
Section Details Series S-425



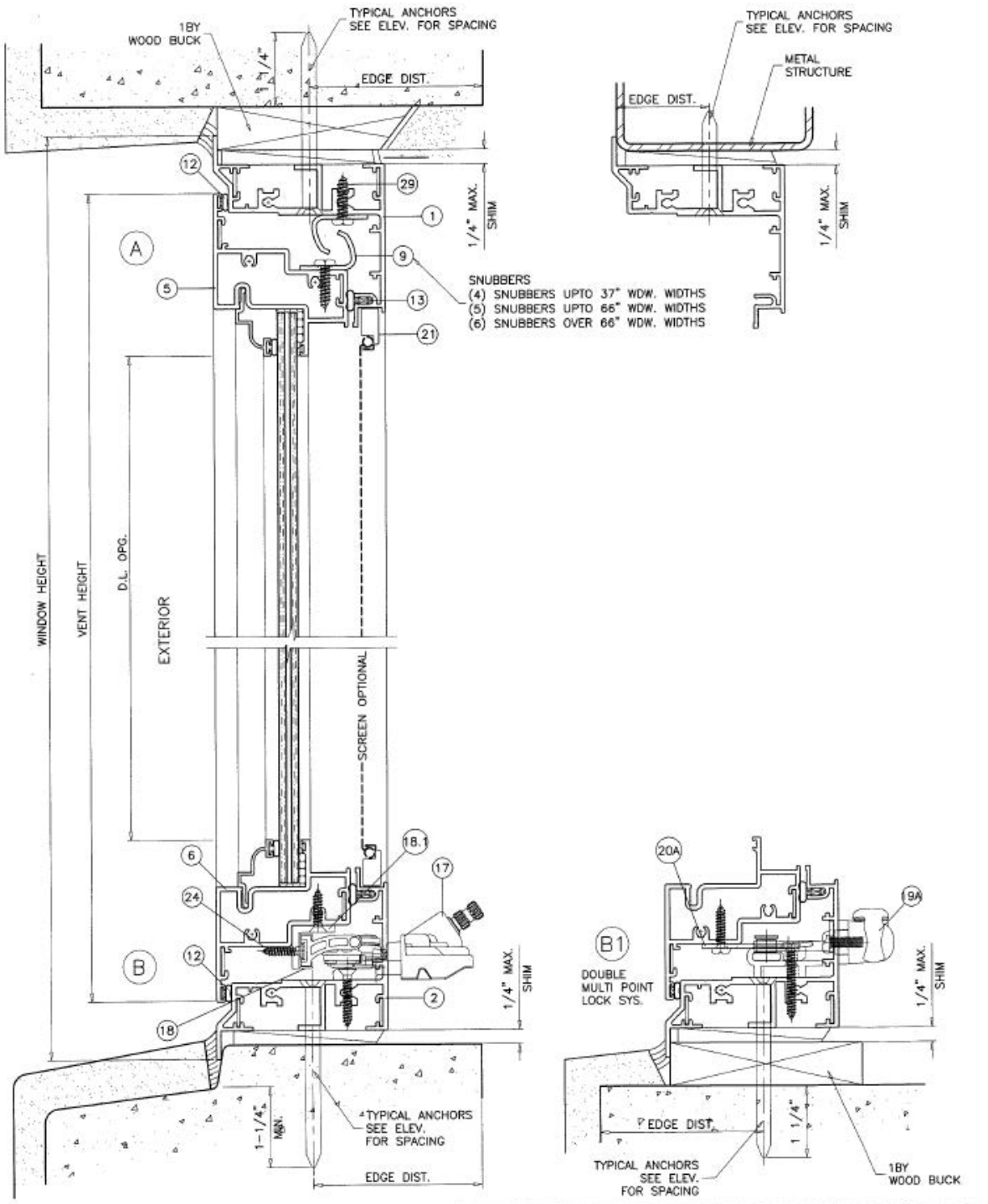
Parts Details Series S-425

Item Number	Part Number	Required	Description
1	SIW401	1	Frame Head/Sill/Jamb
2	SIW402	1	Vent
3	SIW112	As Required	Glazing Bead (5/16" Glass)
3.1	SIW128	1	Alternate Glazing Bead (5/16" Glass)
3A	SIW117	As Required	Glazing Bulb (11/16" Insulated Glass)
3B	SIW108	As Required	Glazing Bead (7/16" Glass)
3B.1	SIW127	As Required	Alternate Glazing Bead (7/16" Glass)
4	5531	As Required	Exterior Glazing Spacer (Durometer 70 +/- 5) Shore A
5	9302	As Required	Outer Compression Seal
6	APT425	As Required	Inner Compression Seal
7	PJS40-SS	2/Corner	Corner Lock
8	NA	2/Corner	Frame & Vent Assembly Screws
9	5530	As Required	Interior Glazing Spacer (Durometer 70 +/- 5) Shore A
10	NA	As Required	Fix Vent Mounting Screws. At 5" from ends & 13" OC
13	NA	2/Lite	Setting Blocks

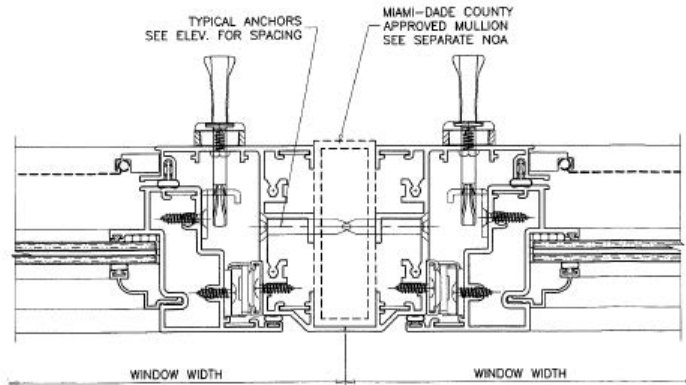
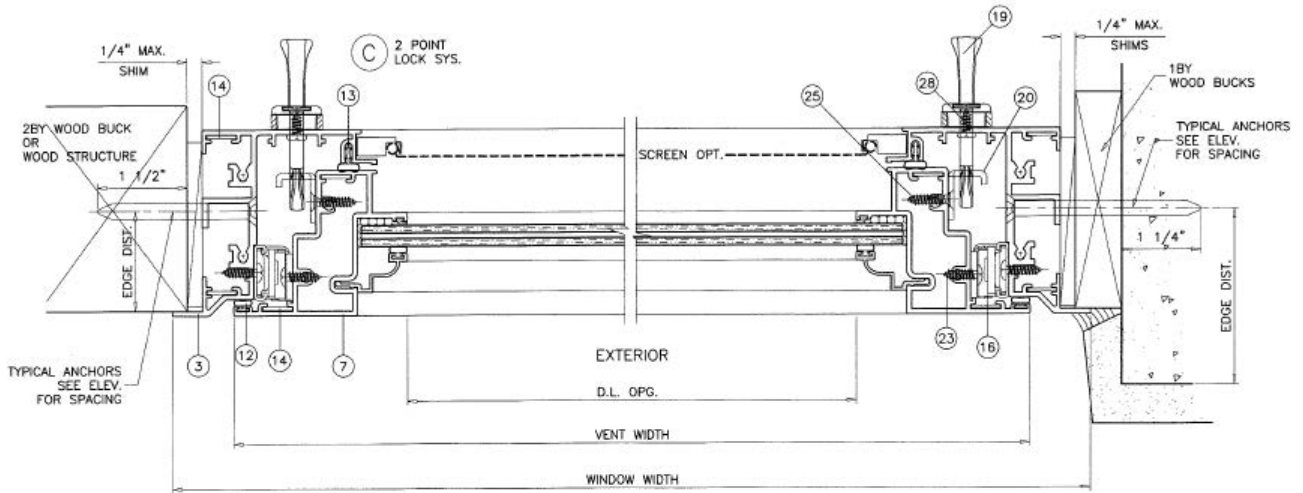
Parts Details Series S-425



Section Details Series S-450



Section Details Series S-450



Parts Details Series S-450

Item Number	Part Number	Required	Description
1	SIW401	1	Frame Head
2	SIW401	1	Frame Sill
3	SIW401	1	Frame Jamb
5	SIW402	1	Vent Top Rail
6	SIW402	1	Vent Bottom Rail
7	SIW402	1	Vent Side Rail
9	23138	As Required	Snubber
10	SIW112	1	Glazing Bead (5/16" Glass)
10.1	SIW128	1	Alternate Glazing Bead (5/16" Glass)
10A	SIW117	As Required	Glazing Bead (11/16" Insulated Glass)
10B	SIW108	As Required	Glazing Bead (7/16" Glass)
10B.1	NA	As Required	Alternate Glazing Bead (7/16" Glass)
11	5531	As Required	Exterior Glazing Spacer (Durometer 70 +/- 5) Shore A
12	9302	As Required	Outer Compression Seal
13	APT425	As Required	Inner Compression Seal
14	PJS40-SS	2/Corner	Corner Lock
16	35.13	2/WDW	4 Bar Hinges-Heavy Duty
17	51.1	1/WDW	Awning Operator
17.1	32658	1	Operator Gasket .062
17.2	32833	1	Operator Spacer .236
18	41014	1/Operator	Track
18.1	NA	1/Operator	3/4" x 3/4" x 1/8" Angle
19	24.25	2/Vent	Lock Assembly (Single Point Lock System)
19.1	21496	2/Vent	Spacer (Single Point Lock System)
19A	24.23	2/Vent	Lock Assembly (Multi Point Lock System)
19A.1	21709	2/Vent	Spacer (Multi Point Lock System)
19A.2	21600	1/Lock	Support Plate (Multi Point Lock System)
20	31384	1/Lock	Keeper (Single Point Lock System)
20A	31304	As Required	Keeper (Multi Point Lock System)
20A.1	24 Series	1	Interlock Roller Tie Bar (Multi Point Lock)
20A.2	32824	As Required	Tie Bar Guide (Multi Point Lock)
20A.3	NA	2/Guide	Tie Bar Guide Mounting Screws (Multi Point Lock)
21	NA	1	5/16" Box Screen
22	NA	2/Corner	Frame & Vent Assembly Screws
23	NA	6/Hinge	Hinge Mounting Screws
24	NA	2/Operator	Operator Track Mtg. Screws
25	NA	2/Keeper	Keeper Mounting Screws
27	NA	6/Operator	Operator Mounting Screws
33	NA	2/Lock	Lock Assembly Mounting Screws
29	NA	2/Snubber	Snubber Mtg. Screw
32	5530	As Required	Interior Glazing Spacer (Durometer 70 +/- 5) Shore A
33	NA	2/Lite	Setting Blocks

Parts Details Series S-450

