# RELIANCE CURTAIN WALL
## 2-1/2" X 6-1/2" - 1/4" GLAZING

### Elev-Reliance-2.5x5.25

#### Horizontal Details
- H3701: Head
- H3704: Sill
- H3705: Typical Horizontal
- H3708: Roll-Over Horizontal
- H3719: Flat Frame Operable Window

#### Vertical Details
- V3701: Jamb - Open Back
- V3702: Typical Vertical
- V3705: Heavy Vertical
- V3708: Jamb - Tubular
- V3752: SSG Vertical
- V3753: SSG Vertical at Transition to Captured
- V3759: SSG Vertical at Operable Window

#### Corner Details
- V3715: 90° Outside Corner - 2 Mullion
- V3717: 90° Inside Corner - 2 Mullion
- V3721: 90° Outside-Corner - Single Mullion
- V3723: 135° Outside Corner
- V3725: 90° Inside-Corner - Single Mullion
- V3727: 135° Inside Corner
- V3771: 90° SSG Outside Corner
- V3773: 135° SSG Inside Corner
- V3775: 90° SSG Inside Corner

#### Misc. Details
- H0042: Steel Anchor
- H3421: Shear Block Anchor
- H3425: 'F' & 'T' Mullion Anchor
- H3729: Perimeter Anchor
- H3730: Steel Reinforcement
- H3743: Mullion Splicing

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July 2019
Reliance™ Curtain Wall
2-1/2" x 6-1/2" w/ 1/4" Glazing - Elevation

Note: For Door Models visit : http://www.obe.com/products/entrances/swing-entrances/standard-ns-212ms-375ws-500-door-and-frame
Reliance™ Curtain Wall
Head Horizontal at Vision - H3701

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Primary Seal and Backer Rod
Marry w/ Vertical Seal

Primary Seal and Backer Rod
Marry w/ Vertical Seal

Pressure Plate w/ GP-108
Isolator
Attach w/ FS-322 @ 9” O.C.

5/16” Weep Hole
(2) Per D.L.O.

WW-110 Face Cap

5/16” Weep Hole
@ C.L. of D.L.O.

1/4” Glazing

6 1/2”

Pipe Sleeve Anchor
(By Others)

WW-104-01 Shear Block Anchor
See Top View for "T" Anchor Option

WW-162 Pressure Plate w/ GP-108 Isolator
Attach w/ FS-322 @ 9” O.C.

GP-103 Gaskets Typ.

WW-181-01 Shear Block
Attach to Horizontal w/ (2) FS-115,
Attach to Vertical w/ (2) FS-9.
Seal Prior to Installing Horizontal. See Top Views for Shear Blocks at Corners.

2 1/2"

D.L.O.

SEE TOP VIEW FOR MULL CAP INFO

See Top View for Mull Cap Info

Ww-104-01 Shear Block Anchor
See Top View for "T" Anchor Option

WW-551 Head

WWW-110

WWW-162

WWW-181-01 Shear Block
Attach to Horizontal w/ (2) FS-115,
Attach to Vertical w/ (2) FS-9.
Seal Prior to Installing Horizontal. See Top Views for Shear Blocks at Corners.
Reliance™ Curtain Wall
Sill Horizontal at Vision - H3704

1/4" GLAZING ON GP-110
SETTING BLOCKS
(2) PER D.L.O.

WW-110
FACE CAP

5/16" WEEP HOLE
(2) PER D.L.O.

WW-162
PRESSURE
PLATE W/ GP-108
ISOLATOR
ATTACH W/
FS-322 @ 9" O.C.

5/16" WEEP HOLE
@ C.L. OF D.L.O.

SEE TOP VIEW FOR MULL CAP INFO

SHIMS, BACKER
RODS & SEALANT
(BY OTHERS)

GP-103
GASKETS TYP.

WW-104-01 SHEAR BLOCK
ATTACH TO HORIZONTAL W/ (2) FS-115,
ATTACH TO VERTICAL W/ (2) FS-9.
SEAL PRIOR TO INSTALLING HORIZONTAL. SEE TOP VIEWS FOR SHEAR BLOCKS AT CORNERS.

WW-181-01 SHEAR BLOCK
ATTACH TO HORIZONTAL W/ (2) FS-115,
ATTACH TO VERTICAL W/ (2) FS-9.
SEAL PRIOR TO INSTALLING HORIZONTAL. SEE TOP VIEWS FOR SHEAR BLOCKS AT CORNERS.

WW-552 SILL

WWW-552 SILL

ANCHOR BOLT
(BY OTHERS)

SEE TOP VIEW FOR "T" ANCHOR OPTION

1/2" D.L.O.

2 1/2"

6 1/2"
Reliance™ Curtain Wall
Intermediate Horizontal at Vision - H3705

1/4" GLAZING ON GP-110
SETTING BLOCKS
(2) PER D.L.O.

WW-110
FACE CAP

5/16" WEEP HOLE
(2) PER D.L.O.

WW-162
PRESSURE
PLATE W/ GP-108
ISOLATOR
ATTACH W/ FS-322 @ 9" O.C.

5/16" WEEP HOLE
@ C.L. OF D.L.O.

GP-103
GASKETS TYP.

WW-181-01 SHEAR BLOCK
ATTACH TO HORIZONTAL W/ (2) FS-115,
ATTACH TO VERTICAL W/ (2) FS-9.
SEAL PRIOR TO INSTALLING
HORIZONTAL. SEE TOP VIEWS FOR
SHEAR BLOCKS AT CORNERS.

WW-550 HORIZONTAL

D.L.O.

2 1/2"

D.L.O.

6 1/2"

D.L.O.

2 1/2"
Reliance™ Curtain Wall
Roll-Over Horizontal at Vision - H3708

1/4" GLAZING ON GP-110
SETTING BLOCKS
(2) PER D.L.O.

WW-110
FACE CAP

5/16" WEEP HOLE
(2) PER D.L.O.

WW-162
PRESSURE PLATE W/ GP-108
ISOLATOR
ATTACH W/ FS-322 @ 9" O.C.

WW-237 SNAP COVER

GP-103
GASKETS TYP.

WW-181-01 SHEAR BLOCK
ATTACH TO HORIZONTAL W/ (2) FS-115,
ATTACH TO VERTICAL W/ (2) FS-9.
SEAL PRIOR TO INSTALLING HORIZONTAL. SEE TOP VIEWS FOR SHEAR BLOCKS AT CORNERS.

WW-582 HORIZONTAL

5/16" WEEP HOLE
@ C.L. OF D.L.O.

6 1/2"

D.L.O.

2 1/2"

D.L.O.
Reliance™ Curtain Wall
Horizontal at Operable Window - H3719

WW-124 POCKET FILLER
ATTACH W/ FS-322

WW-110
FACE CAP

WW-162
PRESSURE
PLATE W/ GP-108
ISOLATOR
ATTACH W/
FS-322 @ 9" O.C.

5/16" WEEP HOLE
(2) PER D.L.O.

5/16" WEEP HOLE
@ C.L. OF D.L.O.

WW-181-01 SHEAR BLOCK
ATTACH TO HORIZONTAL W/ (2) FS-115,
ATTACH TO VERTICAL W/ (2) FS-9.
SEAL PRIOR TO INSTALLING
HORIZONTAL. SEE TOP VIEWS FOR
SHEAR BLOCKS AT CORNERS.

WW-550 HORIZONTAL

GP-103
GASKETS TYP.

ZERO-SIGHTLINE TYPE OPERABLE
WINDOW. GO TO www.obe.com/
products/architectural-windows FOR
THE MOST CURRENT DETAILS AND
VENT OPTIONS AVAILABLE.
Reliance™ Curtain Wall
Open-Back Jamb Vertical - V3701

WWW-552 JAMB

WWW-104-01 SHEAR BLOCK ANCHOR

WWW-162 PRESSURE PLATE W/ GP-108 ISOLATOR
ATTACH W/ FS-322 @ 9" O.C.

WWW-181-01 SHEAR BLOCK

NOTCH LEG TO CLEAR HOOK INSIDE JAMB

WW-110 FACE CAP
ATTACH W/ FS-320

1/2" 2 1/2" D.L.O.

WW-338-02 MULLION CAP

BACKER ROD & SEALANT (BY OTHERS)

GP-103 GASKETS TYP.

WWW-181-01 SHEAR BLOCK

WWW-104-01 SHEAR BLOCK ANCHOR

1/4" GLAZING

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Reliance™ Curtain Wall

Typical Vertical Mullion - V3702

1/4" GLAZING

WW-326 MULLION CAP
ATTACH W/ (2) FS-320

WW-181-01 SHEAR BLOCKS

GP-103 GASKETS TYP.

WW-550 MULLION

WW-102-01 "T" ANCHOR

WW-110 FACE CAP

2 1/2" D.L.O.

WW-162 PRESSURE PLATE
W/ GP-108 ISOLATOR
ATTACH W/ FS-322 @ 9" O.C.
D.L.O.
Reliance™ Curtain Wall
Heavy Vertical Mullion - V3705

WW-560 MULLION

WW-102-02 "T" ANCHOR

WW-326 MULLION CAP
ATTACH W/ (2) FS-320

WW-181-01 SHEAR BLOCKS

GP-103 GASKETS TYP.

WW-110 FACE CAP

WW-162 PRESSURE PLATE
W/ GP-108 ISOLATOR
ATTACH W/ FS-322 @ 9" O.C.

D.L.O.

2 1/2"

1/4" GLAZING

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V3705-Heavy-Vertical
Reliance™ Curtain Wall

SSG Vertical Mullion @ SSG to Captured Transition - V3753

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SSG-Vert-Mull-Captured
ZERO-SIGHTLINE TYPE OPERABLE WINDOW. GO TO www.obe.com/products/architectural-windows FOR THE MOST CURRENT DETAILS AND VENT OPTIONS AVAILABLE.
Reliance™ Curtain Wall
90° Outside Corner - V3715

WW-553 JAMBS
WW-181-01 SHEAR BLOCKS
WW-338-02 MULLION CAPS
ATTACH W/ FS-320
GP-103 GASKETS TYP.
1/4" GLAZING
1/2"

1/8" FORMED ALUM. CLOSURE
AN-2 ALUM. ANGLE (1" X 1" X 1/8")
BACKER ROD & SEALANT (BY OTHERS)
AN-1 ALUM. ANGLES (3/4" X 3/4" X 1/8")
AN-1 ALUM. ANGLES
SHOP ATTACHED @ HEAD & SILL FOR PERIMETER SEALANT
FS-55 (2) PER ANCHOR LOCATION
WW-103-01 "F" ANCHORS
WW-181-01 SHEAR BLOCKS
WW-162 PRESSURE PLATES W/ GP-108 ISOLATORS
ATTACH W/ FS-322 @ 9" O.C.
WW-110 FACE CAPS
WW-103-01-01 "F" ANCHORS
1/4" GLAZING
1/8" FORMED ALUM. CLOSURE
AN-2 ALUM. ANGLE (1" X 1" X 1/8")
BACKER ROD & SEALANT (BY OTHERS)
AN-1 ALUM. ANGLES (3/4" X 3/4" X 1/8")
AN-1 ALUM. ANGLES
SHOP ATTACHED @ HEAD & SILL FOR PERIMETER SEALANT
FS-55 (2) PER ANCHOR LOCATION
WW-103-01 "F" ANCHORS
WW-181-01 SHEAR BLOCKS
WW-338-02 MULLION CAPS
ATTACH W/ FS-320
GP-103 GASKETS TYP.
1/4" GLAZING
1/2"
Reliance™ Curtain Wall
90° Outside Corner - V3721

WW-119 FACE CAPS
WW-165 PRESSURE PLATE
ATTACH W/ FS-325
WW-119 FACE CAPS
WW-324 MULLION CAP
ATTACH W/ (2) FS-320
CONT. SEAL
(BY OTHERS)

WW-180-01 SHEAR BLOCKS
WW-220 FILLER
WW-240 MULLION

1/4" GLAZING

3"
D.L.O.

GP-103 GASKETS TYP.

1/4" GLAZING

WW-220 FILLER

3"
D.L.O.

WW-180-01 SHEAR BLOCKS

1/4" GLAZING

WW-220 FILLER

3"
D.L.O.
Reliance™ Curtain Wall
135° Outside Corner - V3723

WW-230 MULLION CW-823 FILLER
WW-180-02 SHEAR BLOCKS
WW-167 PRESSURE PLATE W/ GP-108 ISOLATOR ATTACH W/ FS-322 @ 9" O.C.
WW-121 FACE CAPS
CONT. SEAL (BY OTHERS)
WW-322 MULLION CAP ATTACH W/ (2) FS-320
WW-102-06 "T" ANCHOR
1 7/8" 17/8"
D.L.O.

1/4" GLAZING

GP-103 GASKETS TYP.

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V3723-135-Outside-Corner
Reliance™ Curtain Wall
90° Inside Corner - V3725

WW-220 FILLER

WW-240 MULLION

WW-180-01 SHEAR BLOCKS

WW-102-05 "T" ANCHOR

WW-320 MULLION CAP
ATTACH W/ (2) FS-320

WW-139 GLAZING ADAPTORS
ATTACH W/ FS-322 @ 12" O.C.

1" GLAZING

WW-143 PRESSURE PLATE
W/ GP-108 ISOLATOR
ATTACH W/ FS-322 @ 9" O.C.

WW-118 FACE CAP

GP-103 GASKETS TYP.

WW-102-05 "T" ANCHOR

WW-180-01 SHEAR BLOCKS

D.L.O.
Reliance™ Curtain Wall
135° Inside Corner - V3727

WW-221 FILLER
WW-230 MULLION
WW-102-06 "T" ANCHOR
WW-180-02 SHEAR BLOCKS
WW-137 GLAZING ADAPTORS ATTACH W/ FS-322 @ 12" O.C.
WW-120 FACE CAP
WW-166 PRESSURE PLATE W/ GP-108 ISOLATOR ATTACH W/ FS-322 @ 12" O.C.
GP-103 GASKETS TYP.

D.L.O.
2 15/16"

WW-221 FILLER
WW-230 MULLION
WW-102-06 "T" ANCHOR
WW-180-02 SHEAR BLOCKS
WW-137 GLAZING ADAPTORS ATTACH W/ FS-322 @ 12" O.C.
WW-120 FACE CAP
WW-166 PRESSURE PLATE W/ GP-108 ISOLATOR ATTACH W/ FS-322 @ 12" O.C.
GP-103 GASKETS TYP.

D.L.O.
2 15/16"
Reliance™ Curtain Wall
90° Outside SSG Corner - V3771

GP-105 GASKETS W/ STRUCTURAL SILICONE (SILICONE BY OTHERS)
BACKER ROD & SEALANT (BY OTHERS)
WW-220 FILLER
WW-180-01 SHEAR BLOCKS
WW-240 MULLION
WW-102-05 "T" ANCHOR
WW-324 MULLION CAP
ATTACH W/ (2) FS-320
LINE AT HORIZONTAL FACE CAP
1/4" GLAZING

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V3771-SSG-90-Outside-Corner
Reliance™ Curtain Wall
135° Outside SSG Corner - V3773
Reliance™ Curtain Wall
90° Inside SSG Corner - V3775

 WW-220 FILLER
 WW-241 MULLION
 WW-180-03 SHEAR BLOCKS
 WW-339 MULLION CAP
 ATTACH W/ (2) FS-320
 WW-102-07 "T" ANCHOR
 GP-105 GASKETS & STRUCTURAL SILICONE
 LINE AT HORIZONTAL FACE CAP
 1/4" GLAZING
 2 1/2" 6 1/2"
Standard Curtain Wall
Steel Anchor - H0042

July 2019

H0042-Steel-Anchor
NOTE:
1. ANCHOR BOLT DESIGNED BY STRUCTURAL ENGINEER.
2. WWW-104-01 ALUM. ANCHOR MAXIMUM ALLOWABLE END REACTION IS 375 LBS. PER ANCHOR, I.E. 375 LBS. AT JAMB VERTICAL, 750 LBS. AT INTERMEDIATE VERTICAL.
Reliance™ Curtain Wall
"F" & "T" Anchors - H3425

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"F" ANCHOR CHART

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<th>PART NO.</th>
<th>MULLION</th>
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<tr>
<td>WW-103-01</td>
<td>WW-500 / WW-503 / WW-550 / WW-553</td>
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<td>WW-103-02</td>
<td>WW-504 / WW-510 / WW-560</td>
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<td>WW-103-03</td>
<td>WW-400 / WW-403 / WW-450 / WW-453</td>
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<td>WW-103-04</td>
<td>WW-404 / WW-410 / WW-460</td>
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<td>WW-103-05</td>
<td>WW-800 / WW-804 / WW-850</td>
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<td>WW-103-06</td>
<td>WW-810</td>
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"T" ANCHOR CHART

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<th>PART NO.</th>
<th>MULLION</th>
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<td>WW-102-01</td>
<td>WW-500 / WW-550</td>
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<tr>
<td>WW-102-02</td>
<td>WW-504 / WW-510 / WW-560</td>
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<tr>
<td>WW-102-03</td>
<td>WW-400 / WW-450</td>
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<td>WW-102-04</td>
<td>WW-404 / WW-410 / WW-460</td>
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<td>WW-102-05</td>
<td>WW-240 (90° CORNER)</td>
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<td>WW-102-06</td>
<td>WW-230 (135° CORNER)</td>
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<td>WW-102-07</td>
<td>WW-241 (135° INSIDE SSG CORNER)</td>
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<td>WW-105-01</td>
<td>WW-800 / WW-804 / WW-850</td>
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<td>WW-105-02</td>
<td>WW-810</td>
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<td>WW-105-06</td>
<td>WW-1175 (90° OUTSIDE CORNER)</td>
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NOTE:
1. ANCHOR BOLT SIZE AND LOCATION DETERMINED BY STRUCTURAL ENGINEER

SHIM UNDERNEATH MULLION (BY OTHERS)
ANCHOR BOLT (SEE NOTE)

(2) FS-55 (#10 X 1/2" PPH)

Plan View

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Reliance™ Curtain Wall
Perimeter Anchor - H3729

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See approved shop drawings for specific requirements.

Ref. installation manual for additional info.

### STEEL REINFORCING CHART

<table>
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<th>Description</th>
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<tbody>
<tr>
<td>A</td>
<td>RS-19 (1 9/16&quot; X 4 13/16&quot; 10 GA.)</td>
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<tr>
<td>B</td>
<td>PP-16 (1 1/2&quot; X 4 1/4&quot; 10 GA.)</td>
</tr>
<tr>
<td>C</td>
<td>PP-17 (1 5/16&quot; X 3 3/4&quot; 10 GA.)</td>
</tr>
<tr>
<td>D</td>
<td>RS-18 (1 7/8&quot; X 4 11/16&quot; 10 GA.)</td>
</tr>
<tr>
<td>E</td>
<td>RS-22 (1 9/16&quot; X 3 9/16&quot; 10 GA.)</td>
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<tr>
<td>F</td>
<td>RS-21 (1 1/2&quot; X 3&quot; 10 GA.)</td>
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<tr>
<td>G</td>
<td>RS-23 (1 7/8&quot; X 3 7/16&quot; 10 GA.)</td>
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<tr>
<td>H</td>
<td>STEEL BAR OPTION (BY OTHERS)</td>
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<tr>
<td>J</td>
<td>1/4&quot;-20 X 3&quot; HEX HEAD BOLT</td>
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<tr>
<td>K</td>
<td>1/4&quot;-20 HEX NUT &amp; WASHERS</td>
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<td>FS-259 (1/4&quot;-20 X 1&quot; PFH)</td>
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### Reliance™ Curtain Wall

**Steel Reinforcement - H3730**

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H3730-Steel-Reinf