# RELIANCE™-IG SS CURTAIN WALL
## 2-1/2" X 6-1/4" W/ 1" INFILL - TABLE OF CONTENTS

*(Drawing numbers---i.e., V9501---used as CAD detail reference only)*

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2-1/2" x 6-1/4" w/ 1" Glazing - Elevation
Reliance™-IG SS
Sunshade Anchor - H9416

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H9416-Sunshade_Anchor
H9417-Steel-Anchor

Reliance™-IG SS
Steel Anchoring - H9417

1.500
2.000

STEEL ANGLE
PER JOB REQUIREMENTS

WELD TO BE DETERMINED
BY STRUCTURAL ENGINEER

ANCHOR BOLT KIT
PER JOB REQUIREMENTS

SLOT AT WINDLOAD ANCHOR
HOLE AT DEADLOAD ANCHOR
SIZED BY STRUCTURAL ENGINEER

1.500
2.000
Reliance™-IG SS
Jamb Anchor at Head - H9425

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WWW-103 "F" ANCHOR

ACCESS HOLES AT ANCHOR BOLTS

2 1/8"

2 1/2"
Reliance™-IG SS Curtain Wall
Mullion Anchor at Head - H9426

IW-183-01 HEAD ANCHOR SLEEVE X 2 1/2" LG.

WW-174 ANCHOR X 4" LG.
Reliance™-IG SS
Jamb Anchor at Sill - H9427

ANCHOR BOLT (BY OTHERS)
DESIGN DETERMINED BY STRUCTURAL ENGINEER

SHIM UNDERNEATH MULLION (BY OTHERS)
Reliance™-IG SS
Mullion Anchor at Sill - H9428

ANCHOR BOLT (BY OTHERS)
STRUCTURAL ENGINEER
DESIGN DETERMINED BY
MULLION (BY OTHERS)
SHIM UNDERNEATH SILL
Reliance™-IG SS
Head Horizontal at Vision - H9501

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Reliance™-IG SS
Head Horizontal at Spandrel - H9502
Reliance™-IG SS
Intermediate Horizontal at Vision - H9505

GP-113 WEDGE
GP-123 GASKET
IW-110 FACE CAP - ICW-12 ISOLATOR

1" GLASS

5/16" WEEP HOLES

GP-109

6.19487913

GP-141

IW-442 HORIZONTAL

WW-148 GLASS STOP

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Reliance™-IG SS
Sill at Spandrel - H9507

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Reliance™-IG SS
Horizontal at Vision - Outside Glazed - H9510

1" GLASS
5/16" WEEP HOLES @ 1/4 PTS.
IW-162 PRESSURE PLATE W/ GP-107 ISOLATOR FIELD ATTACH W/ FS-325 @ 9" O.C. TORQUE @ 65 LBS/IN & CAP SEAL FASTENER

GP-109
GP-107
GP-141
GP-123 GASKETS INTERIOR & EXTERIOR
IW-110 FACE CAP - ICW-12 ISOLATOR

1" GLASS
6 1/4"

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Reliance™-IG SS
Horizontal at Spandrel - Outside Glazed - H9511

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- WW-442 HORIZONTAL
- H9511-OutsideGlz-Horizontal
- WW-175 GLAZING ADAPTORS, SET IN SEALANT
- IW-110 FACE CAP - ICW-12 ISOLATOR
- 5/16" WEEP HOLES @ 1/4 PTS.
- IW-162 PRESSURE PLATE W/ GP-107 ISOLATOR FIELD ATTACH W/ FS-325 @ 9" O.C. TORQUE @ 65 LBS/IN & CAP SEAL FASTENER
- GP-141
- GP-110 SETTING BLOCK
- GP-123 GASKETS INTERIOR & EXTERIOR
- IW-110 FACE CAP - ICW-12 ISOLATOR
- D.L.O.
- D.L.O.
- 6 1/4"
- 2 1/2"
- 1/4" GLASS

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Reliance™-IG SS
Horizontal at Spandrel - Outside Glazed - H9512

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Reliance™-IG SS
Horizontal at Spandrel - Outside Glazed - H9513
Reliance™-IG SS
Splice at Captured Mullion - H9514

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NOTE: OMIT UPPER FASTENERS FOR LIVE LOAD SPLICE

SEAL BETWEEN ADAPTORS AT SPLICE JOINT

CENTERLINE MULLION AND ADAPTOR SPLICE

USE BACKER ROD AS REQUIRED TO FILL CAVITIES

SEAL FACE OF MULLION AND MARRY WITH SEALS AT 1/4" GLAZING ADAPTORS.

FASTENER USED AS SPLICE STOP
INSERT BACKER ROD INTO TOP OF VERTICAL GLAZING ADAPTOR

FS-8 STOP SCREW
SLIDE SPLICE INTO UPPER MULLION BEFORE INSTALLATION
AFTER MULLIONS ARE INSTALLED SLIDE DOWN TO STOP AND ATTACH BENEATH HORIZONTAL

SEAL FACE OF MULLION AND MARRY WITH SEALS AT 1/4" GLAZING ADAPTOR, STRUCTURAL SEAL AND SEAL AT TOP OF VERTICAL ADAPTOR.

INSERT BACKER ROD INTO TOP OF VERTICAL GLAZING ADAPTOR

1/2" 3 1/2" 3/4"
Reliance™-IG SS
Horizontal at Door Header - H9533
Reliance™-IG SS
Head Horizontal at Operable Window - H9541

IW-110 FACE CAP
ICW-12 ISOLATOR CLIPS @ 9" O.C.

1/2"

2 1/2"

IW-325 MULL CAP @ MULLS
IW-326 MULL CAP @ JAMBS
IW-446 HEAD

WW-174 ANCHOR @ MULLS
WW-103 "F" ANCHOR @ JAMB

CH-93 CHANNEL

WW-148 GLASS STOP

IW-110 FACE CAP
ICW-12 ISOLATOR CLIPS @ 9" O.C.

1/2"

2 1/2"

IW-325 MULL CAP @ MULLS
IW-326 MULL CAP @ JAMBS
IW-446 HEAD

WW-174 ANCHOR @ MULLS
WW-103 "F" ANCHOR @ JAMB

CH-93 CHANNEL

WW-148 GLASS STOP

IW-110 FACE CAP
ICW-12 ISOLATOR CLIPS @ 9" O.C.

1/2"

2 1/2"

IW-325 MULL CAP @ MULLS
IW-326 MULL CAP @ JAMBS
IW-446 HEAD

WW-174 ANCHOR @ MULLS
WW-103 "F" ANCHOR @ JAMB

CH-93 CHANNEL

WW-148 GLASS STOP

ZERO SIGHTLINE TYPE OPERABLE WINDOW. VISIT https://obe.com/products/architectural-windows FOR THE MOST CURRENT AVAILABLE VENT OPTIONS.
Reliance™-IG SS
Jamb Vertical at Vision - V9501

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FS-8 TYP.

IW-443 JAMB

IW-326 MULLION CAP

GP-113 WEDGE

1" GLASS

GP-123 GASKET

IW-110 FACE CAP

ICW-12 ISOLATOR CLIPS

1/2" 2 1/2" D.L.O.
Reliance™-IG SS
Intermediate Vertical at Vision - V9502

IW-440 MULLION HALF
IW-325 MULLION CAP
IW-441 MULLION HALF

6 1/4"

GP-113 WEDGE
GP-123 GASKET
IW-110 FACE CAP
ICW-12 ISOLATOR CLIPS

1" GLASS

D.L.O.  2 1/2"  D.L.O.
Reliance™-IG SS
Intermediate Vertical w/ Steel - V9503

FS-8 TYP.
RS-21 STEEL CHANNEL

IW-440 MULLION HALF
6 1/4"

IW-325 MULLION CAP

IW-441 MULLION HALF

GP-113 WEDGE
1" GLASS

GP-123 GASKET

IW-110 FACE CAP ICW-12 ISOLATOR CLIPS

D.L.O. 2 1/2" D.L.O.
FS-8 TYP.

IW-445 MULLION HALF

IW-444 MULLION HALF

ZONE BRIDGE, SET IN SEALANT & LOCATE AT EACH HORIZONTAL

GP-102 SPACER W/ STRUCTURAL SILICONE SEALANT (SEALANT BY OTHERS)

1" GLASS

1/2"  1/4"  1/2"

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

Reliance™-IG SS

SSG Vertical at Vision - V9512

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Reliance™-IG SS
SSG Vertical w/ Steel - V9513

FS-8 TYP.
IW-445 MULLION HALF

RS-21 STEEL CHANNEL
IW-444 MULLION HALF

GP-102 SPACER W/ STRUCTURAL SILICONE SEALANT (SEALANT BY OTHERS)

ZONE BRIDGE, SET IN SEALANT & LOCATE AT EACH HORIZONTAL

1" GLASS

D.L.O.

1/2"
1/4"
2 1/2"
1/4" GLASS

ZONE BRIDGE, SET IN SEALANT & LOCATE AT EACH HORIZONTAL

IW-131 GLAZING ADAPTOR, SET IN SEALANT & ATTACH W/ FS-201 @ 12" O.C.

GP-102 SPACER W/ STRUCTURAL SILICONE SEALANT (SEALANT BY OTHERS)

Reliance™-IG SS
SSG Vertical at Spandrel - V9514

6 1/4"

D.L.O.

1/2"

1/4"

2 1/2"

D.L.O.
Reliance™-IG SS
90° Inside Corner - V9517

.125 FORMED ALUMINUM
-w- (4) FS-2 PER CLOSURE

AN-1 ANGLES AT
HEAD & SILL

AN-1 ATTACH W/
FS-6 @ 12° O.C.

FS-8 TYP.

IW-250 CORNER CLOSURE

IW -251 RIGID PVC ISOLATOR

IW-326 MULLION CAPS

IW-110

IW-440

IW-441

IW-326 MULLION CAPS

FS-8 TYP.

2 1/2"

6 1/4"

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Reliance™-IG SS
90° Outside Corner - V9521

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V9521-90-Outside-Corner
Reliance™-IG SS
135° Outside Corner - V9523

IW-243 MULLION

SEE INSTALL MANUAL FOR SHEAR BLOCK PART #S

ICW-12
ISOLATOR CLIPS

2 1/4"
D.L.O.

6 1/4"

IW-321
MULLION CAP

IW-116 FACE CAP

WW-145 GLAZING ADAPTOR,
SET IN SEALANT

GP-113 WEDGE

GP-123 GASKET

1/4" GLASS

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V9523-135-Outside-Corner
ATTACH AN-1 ANGLES TO MULLIONS W/ FS-6 @ 12" O.C. ATTACH CLOSURE TO ANGLES W/ FS-2, (4) PER CLOSURE

1/8" FORMED ALUM. CLOSURES

ATTACH MULLIONS TO CLOSURE W/ FS-55 @ 12" O.C.

1" GLASS

ICW-12 ISOLATOR CLIPS W/ IW-110 FACE CAPS

AN-1 ANGLES ATTACHED AT HEAD & SILL FOR PERIMETER SEAL

IW-326 MULLION CAPS

IW-251 PVC ISOLATORS

IW-251 PVC ISOLATORS

IW-440

IW-441

FS-8 ASS'Y SCREW TYP.

GP-123 GASKETS

GP-113 WEDGES

ATTACH MULLIONS TO CLOSURE W/ FS-55 @ 12" O.C.

1" GLASS

IW-326 MULLION CAPS

Reliance™-IG SS
135° Inside Corner - V9525

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V9525-135-Inside-Corner-2-Mull
Reliance™-IG SS
Vertical at Door Jamb - V9533
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