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

### Vertical Details
- **V3501**: Jamb - Open Back
- **V3502**: Typical Vertical
- **V3505**: Heavy Vertical
- **V3508**: Jamb - Tubular
- **V3552**: SSG Vertical
- **V3553**: SSG Vertical at Transition to Captured
- **V3557**: SSG Vertical at Spandrel
- **V3559**: SSG Vertical at Operable Window

### Horizontal Details
- **H3501**: Head
- **H3504**: Sill
- **H3505**: Typical Horizontal
- **H3508**: Roll-Over Horizontal
- **H3509**: Roll-Under Horizontal
- **H3518**: Pocket Frame Operable Window
- **H3519**: Flat Frame Operable Window

### Corner Details
- **V3515**: 90° Outside Corner - 2 Mullion
- **V3517**: 90° Inside Corner - 2 Mullion
- **V3521**: 90° Outside Corner - Single Mullion
- **V3532**: 135° Outside Corner
- **V3525**: 90° Inside Corner - Single Mullion
- **V3527**: 135° Inside Corner
- **V3571**: 90° SSG Outside Corner
- **V3572**: 90° SSG Outside Corner at Spandrel
- **V3573**: 135° SSG Outside Corner
- **V3574**: 135° SSG Outside Corner at Spandrel
- **V3575**: 90° SSG Inside Corner
- **V3576**: 90° SSG Inside Corner at Spandrel

### Misc. Details
- **H0042**: Steel Anchor
- **H3421**: Shear Block Anchor
- **H3425**: 'F' & 'T' Mullion Anchor
- **H3429**: Perimeter Anchor
- **H3430**: Steel Reinforcement
- **H3443**: Mullion Splicing
- **H3446**: Spandrel Glazing Options
- **H3448**: Vision Glazing Options
Reliance™ Curtain Wall
2-1/2" x 6" w/ 1" 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 at Vision - H3501

WW-162 PRESSURE PLATE W/ GP-107 ISOLATOR AND (2) 5/16" WEEP HOLES PER D.L.O. FIELD ATTACH W/ FS-325 @ 9" O.C.

WW-110

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

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

GP-103 GASKETS TYP.

1" GLAZING

1/2"

2 1/2"

6"

WW-401 HEAD

WW-104-01 SHEAR BLOCK ANCHOR SEE TOP VIEW FOR "T" ANCHOR OPTION

PIPE SLEEVE ANCHOR (BY OTHERS)

BACKER ROD & SEALANT (BY OTHERS)

SEE TOP VIEWS FOR MULLION CAP INFO

WWW-401 HEAD

WW-181-01 SHEAR BLOCK @ JAMB & MULLIONS ATTACH TO VERTICALS W/ FS-9, ATTACH TO HORIZONTALS W/ FS-115. SEAL PRIOR TO INSTALLING HORIZONTAL. SEE TOP VIEWS FOR SHEAR BLOCKS @ CORNERS.

WWW-110

WWW-104-01 SHEAR BLOCK ANCHOR SEE TOP VIEW FOR "T" ANCHOR OPTION

WWW-162 PRESSURE PLATE W/ GP-107 ISOLATOR AND (2) 5/16" WEEP HOLES PER D.L.O. FIELD ATTACH W/ FS-325 @ 9" O.C.

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

GP-103 GASKETS TYP.

1" GLAZING

1/2"

2 1/2"

6"

WWW-401 HEAD

WW-104-01 SHEAR BLOCK ANCHOR SEE TOP VIEW FOR "T" ANCHOR OPTION

PIPE SLEEVE ANCHOR (BY OTHERS)

BACKER ROD & SEALANT (BY OTHERS)

SEE TOP VIEWS FOR MULLION CAP INFO

WWW-401 HEAD

WW-181-01 SHEAR BLOCK @ JAMB & MULLIONS ATTACH TO VERTICALS W/ FS-9, ATTACH TO HORIZONTALS W/ FS-115. SEAL PRIOR TO INSTALLING HORIZONTAL. SEE TOP VIEWS FOR SHEAR BLOCKS @ CORNERS.

WWW-110

WWW-104-01 SHEAR BLOCK ANCHOR SEE TOP VIEW FOR "T" ANCHOR OPTION

PIPE SLEEVE ANCHOR (BY OTHERS)

BACKER ROD & SEALANT (BY OTHERS)

SEE TOP VIEWS FOR MULLION CAP INFO

WWW-401 HEAD

WW-181-01 SHEAR BLOCK @ JAMB & MULLIONS ATTACH TO VERTICALS W/ FS-9, ATTACH TO HORIZONTALS W/ FS-115. SEAL PRIOR TO INSTALLING HORIZONTAL. SEE TOP VIEWS FOR SHEAR BLOCKS @ CORNERS.
Reliance™ Curtain Wall
Sill at Vision - H3504

1" GLAZING ON GP-109 SETTING BLOCK

WW-110 FACE CAP

5/16" WEEP HOLES

WW-162 PRESSURE PLATE W/ GP-107 ISOLATOR AND (2) 5/16" WEEP HOLES PER D.L.O.
FIELD ATTACH W/ FS-325 @ 9" O.C.

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

GP-103 GASKETS TYP.
BACKER ROD & SEALANT (BY OTHERS)

SEE TOP VIEW FOR MULLION CAP INFO
SHIM (BY OTHERS)

WW-181-01 SHEAR BLOCK @ JAMB & MULLIONS ATTACH TO VERTICALS W/ FS-9, ATTACH TO HORIZONTALS W/ FS-115. SEAL PRIOR TO INSTALLING HORIZONTAL. SEE TOP VIEWS FOR SHEAR BLOCKS @ CORNERS.

WW-104-01 SHEAR BLOCK ANCHOR SEE TOP VIEW FOR "T" ANCHOR OPTION

ANCHOR BOLT (BY OTHERS)

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1-866-OLDCASTLE (653-2278) www.obe.com
1" GLAZING ON GP-109 SETTING BLOCK

WW-110 FACE CAP

WW-162 PRESSURE PLATE W/ GP-107 ISOLATOR AND (2) 5/16" WEEP HOLES PER D.L.O. FIELD ATTACH W/ FS-325 @ 9" O.C.

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

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

WW-400 HORIZONTAL

GP-103 GASKETS TYP.

Reliance™ Curtain Wall
Intermediate Horizontal at Vision - H3505

July 2019
Reliance™ Curtain Wall
Roll-over Horizontal at Vision - H3508

1" GLAZING ON GP-109
SETTING BLOCK

WW-110 FACE CAP

WW-162 PRESSURE
PLATE W/ GP-107
ISOLATOR AND (2) 5/16"
WEEP HOLES PER D.L.O.
FIELD ATTACH W/ FS-325
@ 9" O.C.

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

WW-432 HORIZONTAL

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

WW-236 SNAP COVER

GP-103
GASKETS TYP.

6"
Reliance™ Curtain Wall
Roll-under Horizontal at Vision - H3509

1” GLAZING ON GP-109 SETTING BLOCK

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

WW-110 FACE CAP

WW-162 PRESSURE PLATE W/ GP-107 ISOLATOR AND (2) 5/16" WEEP HOLES PER D.L.O. FIELD ATTACH W/ FS-325 @ 9" O.C.

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

WW-236 SNAP COVER

WW-433 HORIZONTAL

GP-103 GASKETS TYP.

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

6"
"POCKET FRAME" OPERABLE WINDOW. GO TO OBE.COM/PRODUCTS/ARCHITECTURAL-WINDOWS FOR THE MOST CURRENT DETAILS AND VENT OPTIONS.

Reliance™ Curtain Wall
Horizontal at Operable Window - H3518

WW-110 FACE CAP

WW-162 PRESSURE PLATE W/ GP-107 ISOLATOR AND (2) 5/16" WEEP HOLES PER D.L.O. FIELD ATTACH W/ FS-325 @ 9" O.C.

GP-103 GASKETS TYP.

6"

Reliance™ Curtain Wall
Horizontal at Operable Window - H3518
Reliance™ Curtain Wall
Horizontal at Operable Window - H3519

"FLAT FRAME" OPERABLE WINDOW. GO TO OBE.COM/PRODUCTS/ARCHITECTURAL-WINDOWS THE MOST CURRENT DETAILS AND VENT OPTIONS.

WW-122 POCKET FILLER SET IN SEALANT.
ATTACH W/ CAP SEALED FS-322 @ 18" O.C.

WW-110 FACE CAP

WW-162 PRESSURE PLATE W/ GP-107 ISOLATOR AND (2) 5/16" WEEP HOLES PER D.L.O.
FIELD ATTACH W/ FS-325 @ 9" O.C.

GP-103 GASKETS TYP.

WW-400 HORIZONTAL

6"

2 1/2"

Reliance™ Curtain Wall
Horizontal at Operable Window - H3519
Reliance™ Curtain Wall
Open Back Jamb Vertical - V3501

WW-402 JAMB

WW-181-01 SHEAR BLOCK

WW-104-01 SHEAR BLOCK ANCHOR

WW-338-01 MULLION CAP
ATTACH W/ FS-320

NOTCH LEG TO CLEAR HOOK INSIDE JAMB

BACKER ROD & SEALANT (BY OTHERS)

GP-103 GASKETS TYP.

WW-110 FACE CAP

WW-162 PRESSURE PLATE W/ GP-107 ISOLATOR
FIELD ATTACH W/ FS-325 @ 9" O.C.

1" GLAZING

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

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Reliance™ Curtain Wall
Typical Vertical Mullion - V3502
WW-410 MULLION
WW-102-04 "T" ANCHOR
WW-181-01 SHEAR BLOCKS

WW-325 MULLION CAP
ATTACH W/ FS-320

1" GLAZING

GP-103
GASKETS TYP.

WW-110
FACE CAP

WW-162 PRESSURE PLATE W/ GP-107 ISOLATOR
FIELD ATTACH W/ FS-325 @ 9" O.C.

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

Reliance™ Curtain Wall
Heavy Vertical Mullion - V3505

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Reliance™ Curtain Wall
Tubular Jamb Vertical - V3508

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WW-403 JAMB

WW-181-01 SHEAR BLOCK

WW-338-01 MULLION CAP
ATTACH W/ FS-320

WW-162 PRESSURE PLATE W/
GP-107 ISOLATOR
FIELD ATTACH W/ FS-325 @ 9" O.C.

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

1" GLAZING

WW-110 FACE CAP

GP-103 GASKETS TYP.

BACKER ROD
& SEALANT
(BY OTHERS)

FS-55
(2)

WW-103-03 "F"
ANCHOR

WW-110 FACE CAP

WW-162 PRESSURE PLATE W/
GP-107 ISOLATOR
FIELD ATTACH W/ FS-325 @ 9" O.C.

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

WW-110 FACE CAP

WW-162 PRESSURE PLATE W/
GP-107 ISOLATOR
FIELD ATTACH W/ FS-325 @ 9" O.C.

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

Reliance™ Curtain Wall
Tubular Jamb Vertical - V3508

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V3508-Tubular-Jamb
Reliance™ Curtain Wall
SSG Vertical Mullion - V3552

July 2019

GP-105 GASKETS & STRUCT.
SILICONE SEALANT
(SEALANT BY OTHERS)

WW-404 SSG MULLION

WW-102-04 "T" ANCHOR

WW-181-01 SHEAR BLOCKS

LINE OF FACE CAP
AT HORIZONTAL

1" GLAZING

1/2"

2 1/2"

D.L.O.

D.L.O.

WW-327 MULLION CAP
WW-300 ZONE BRIDGE

BACKER ROD & SEALANT
(BY OTHERS)

WW-300 ZONE BRIDGE

6"
Reliance™ Curtain Wall
Vertical Mullion at SSG to Captured Transition - V3553

WW-181-01 SHEAR BLOCKS
WW-327 MULLION CAP
WW-110 FACE CAP
WW-141 MULLION TONGUE
ATTACH TO MULLION W/ FS-318, STAGGER W/ FS-325
WW-300 ZONE BRIDGE
WW-102-04 "T" ANCHOR
WW-162 PRESSURE PLATE W/ GP-107 ISOLATOR
FIELD ATTACH W/ FS-325 @ 9" O.C.
WW-404 SSG MULLION
WW-105 GASKETS & STRUCT.
SILICONE SEALANT
(SEALANT BY OTHERS)
1" GLAZING
GP-103 EXT. GASKETS
2 1/2"
D.L.O.
WW-162 PRESSURE PLATE W/ GP-107 ISOLATOR
FIELD ATTACH W/ FS-325 @ 9" O.C.
GP-105 GASKETS & STRUCT.
SILICONE SEALANT
(SEALANT BY OTHERS)
WW-181-01 SHEAR BLOCKS
WW-404 SSG MULLION
WW-102-04 "T" ANCHOR
WW-162 PRESSURE PLATE W/ GP-107 ISOLATOR
FIELD ATTACH W/ FS-325 @ 9" O.C.
WW-110 FACE CAP
WW-141 MULLION TONGUE
ATTACH TO MULLION W/ FS-318, STAGGER W/ FS-325
WW-300 ZONE BRIDGE
WW-105 GASKETS & STRUCT.
SILICONE SEALANT
(SEALANT BY OTHERS)
1" GLAZING
GP-103 EXT. GASKETS
2 1/2"
D.L.O.
WW-162 PRESSURE PLATE W/ GP-107 ISOLATOR
FIELD ATTACH W/ FS-325 @ 9" O.C.
WW-181-01 SHEAR BLOCKS
WW-404 SSG MULLION
WW-102-04 "T" ANCHOR
WW-162 PRESSURE PLATE W/ GP-107 ISOLATOR
FIELD ATTACH W/ FS-325 @ 9" O.C.
WW-110 FACE CAP
WW-141 MULLION TONGUE
ATTACH TO MULLION W/ FS-318, STAGGER W/ FS-325
WW-300 ZONE BRIDGE
WW-105 GASKETS & STRUCT.
SILICONE SEALANT
(SEALANT BY OTHERS)
1" GLAZING
GP-103 EXT. GASKETS
2 1/2"
D.L.O.
Reliance™ Curtain Wall
SSG Vertical Mullion at Spandrel - V3557

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GP-105 GASKETS & STRUCT. SILICONE SEALANT (SEALANT BY OTHERS)

WW-181-01 SHEAR BLOCKS

WW-102-04 "T" ANCHOR

WW-404 SSG MULLION

WW-131 ADAPTOR
SET IN SEALANT. ATTACH W/ FS-318 @ 3" FROM ENDS & 12" O.C.

WW-301 ZONE BRIDGE
WW-328 MULLION CAP

BACKER ROD & SEALANT (BY OTHERS)

D.L.O.

1/4" GLAZING

1/2"

2 1/2"

D.L.O.
Reliance™ Curtain Wall
SSG Mullion at Operable Window - V3559

WW-181-01 SHEAR BLOCKS
WW-404 SSG MULLION
WW-181-01 SHEAR BLOCKS
WW-404 SSG MULLION

GP-105 GASKETS & STRUCT.
SILicone SEALANT
(SEALANT BY OTHERS)

BACKER ROD & SEALANT
(BY OTHERS)

F-57 TUBE (1" X 1" X 1/8")
LENGTH = D.L.O. + 1-1/2". ATTACH
W/ FS-318, (1) @ EACH END

ZERO SIGHTLINE TYPE OPERABLE WINDOW. GO TO
OBE.COM/PRODUCTS/ARCHITECTURAL-WINDOWS/ FOR
THE MOST CURRENT DETAILS AND VENT OPTIONS.
Reliance™ Curtain Wall
90° Outside Corner - V3515

V3515-90-OSC-2mull

WW-103-03 "F" ANCHORS

WW-181-01 SHEAR BLOCKS

WW-110 FACE CAPS

WW-162 PRESSURE PLATES W/ GP-107 ISOLATORS
FIELD ATTACH W/ FS-325 @ 9" O.C.

WW-338-01 MULLION CAPS
ATTACH W/ FS-320

AN-2 ALUM. ANGLE
1" X 1" X 1/8"

FS-55
(2) PER ANCHOR LOCATION

AN-1 ALUM. ANGLES
3/4" X 3/4" X 1/8"

AN-1 ALUM. ANGLES
SHOP ATTACHED AT HEAD & SILL FOR PERIMETER SEALANT

1/8" FORMED ALUM. CLOSURE

BACKER ROD & SEALANT
(BY OTHERS)

1/2" GLAZING

1" GLAZING

5 1/2"

2 1/2"

D.L.O.
Reliance™ Curtain Wall
90° Inside Corner - V3517

1 1/2"

1/8" FORMED ALUM. CLOSURES

AN-1 ALUM. ANGLES
(3/4" X 3/4" X 1/8")

SHIMS, BACKER RODS & SEALANT
(BY OTHERS)

WW-403 JAMBS

WW-181-01 SHEAR BLOCKS

WW-103-03 "F" ANCHORS OMITTED FOR CLARITY

1/8" FORMED ALUM. CLOSURES

AN-1 ALUM. ANGLES
SHOP ATTACHED AT HEAD & SILL FOR PERIMETER SEALANT

2 1/2"

1" GLAZING

WW-162 PRESSURE PLATES W/ GP-107 ISOLATORS
FIELD ATTACH W/ FS-325 @ 9" O.C.

1/2"

COSMETIC SEAL
(BY OTHERS)

WW-110 FACE CAPS

GP-103 GASKETS TYP.

WW-338-01 MULLION CAPS
ATTACH W/ FS-320

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V3517-90-ISC-2mull
Reliance™ Curtain Wall
90° Outside Corner at Vision - V3521
Reliance™ Curtain Wall
135° Outside Corner at Vision - V3523
Reliance™ Curtain Wall
135° Inside Corner at Vision - V3527
Reliance™ Curtain Wall
90° SSG Corner at Vision - V3571

1" GLAZING

WW-323 MULLION CAP
ATTACH W/ FS-320

WW-312 ZONE BRIDGE

BACKER RODS & SEALANT
(By Others)

WW-169 MULLION
ADAPTOR W/ GP-107 ISOLATOR
FIELD ATTACH W/ FS-325 @ 9" O.C.

WW-116 FACE CAP

GP-105 GASKETS & STRUCT. SILICONE SEALANT
(SEALANT BY OTHERS)

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V3571-SSG-90-OSC
Reliance™ Curtain Wall

90° SSG Corner at Spandrel - V3572
Reliance™ Curtain Wall
135° SSG Outside Corner at Vision - V3573

Materials and Components:
- CW-823 FILLER
- WW-230 MULLION
- WW-180-02 SHEAR BLOCKS
- WW-102-06 "T" ANCHOR
- WW-321 MULLION CAP (ATTACH W/ FS-320)
- WW-310 ZONE BRIDGE
- WW-168 MULLION ADAPTOR (ATTACH W/ FS-325 @ 9" O.C.)
- WW-114 FACE CAP

Details:
- GP-105 GASKETS & STRUCT. SILICONE SEALANT (SEALANT BY OTHERS)
- 1" GLAZING
- BACKER RODS & SEALANT (BY OTHERS)
- 9/16" 1/2" 6"

Dimensions:
- 2 1/2"
Reliance™ Curtain Wall
135° SSG Outside Corner at Spandrel - V3574

July 2019

WW-102-06 "T" ANCHOR

WW-230 MULLION

WW-180-02 SHEAR BLOCKS

WW-823 FILLER

CW-823 FILLER

WW-135 GLAZING ADAPTORS ATTACH W/ FS-323 @ 12" O.C.

GP-105 GASKETS & STRUCT. SILICONE SEALANT (SEALANT BY OTHERS)

WW-168 MULLION ADAPTOR ATTACH W/ FS-325 @ 9" O.C.

1/4" GLAZING

WW-321 MULLION CAP (ATTACH W/ FS-320)

WW-310 ZONE PLUG

BACKER RODS & SEALANT (BY OTHERS)

WW-114 FACE CAP

WW-114 FACE CAP

9/16"  1/2"

6"

WW-135 GLAZING ADAPTORS ATTACH W/ FS-323 @ 12" O.C.

1/4" GLAZING

WW-321 MULLION CAP (ATTACH W/ FS-320)

WW-310 ZONE PLUG

BACKER RODS & SEALANT (BY OTHERS)

WW-114 FACE CAP

WW-114 FACE CAP

9/16"  1/2"

6"

WW-135 GLAZING ADAPTORS ATTACH W/ FS-323 @ 12" O.C.

1/4" GLAZING

WW-321 MULLION CAP (ATTACH W/ FS-320)

WW-310 ZONE PLUG

BACKER RODS & SEALANT (BY OTHERS)

WW-114 FACE CAP

WW-114 FACE CAP

9/16"  1/2"

6"
Reliance™ Curtain Wall
90° SSG Inside Corner at Vision - V3575

V3575-SSG-90-ISC

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Reliance™ Curtain Wall
90° SSG Inside Corner at Spandrel - V3576

CW-823 FILLER
WW-241 MULLION

WW-180-03 SHEAR BLOCKS

WW-336 ZONE PLUG
WW-337 MULLION CAP
ATTACH CAP W/ FS-320

GP-105 GASKET & STRUCT. SILICONE SEALANT
(SEALANT BY OTHERS)

1/4" GLAZING

WW-102-07 "T" ANCHOR

WW-133 GLAZING BEADS
ATTACH W/ FS-323 @ 12" O.C.

BACKER ROD & SEALANT
(BY OTHERS)

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V3576-SSG-90-ISC
Standard Curtain Wall
Steel Anchor - H0042

July 2019

WWW-2223 JAMB ANCHOR PLATE
ATTACH W/ (6) FS-336 (1/4"-20 X 1-1/8" HWH DRILL FLEX)

ACCESS HOLE

WELD AS REQUIRED BY INSTALLER

HOLE IN ANCHOR @ DEAD LOAD
SLOT IN ANCHOR @ WIND LOAD

ANCHOR BOLT (BY OTHERS)

STEEL ANCHOR DESIGN DETERMINED
BY ENGINEER. SEE APPROVED SHOP
DRAWINGS.

FLOOR SLAB OR BEAM

WW-2223 JAMB ANCHOR PLATE
ATTACH W/ (6) FS-336 (1/4"-20 X 1-1/8" HWH DRILL FLEX)
Reliance™ Curtain Wall
Shear Block Anchors - H3421

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.
### "F" Anchor Chart

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>MULLION</th>
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<tbody>
<tr>
<td>WW-103-01</td>
<td>WW-500 / WW-503 / WW-550 / WW-553</td>
</tr>
<tr>
<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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<tr>
<td>WW-103-04</td>
<td>WW-404 / WW-410 / WW-460</td>
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<tr>
<td>WW-106-01</td>
<td>WW-800 / WW-804 / WW-850</td>
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<tr>
<td>WW-106-02</td>
<td>WW-810</td>
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### "T" Anchor Chart

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>MULLION</th>
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</thead>
<tbody>
<tr>
<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>
</tr>
<tr>
<td>WW-102-03</td>
<td>WW-400 / WW-450</td>
</tr>
<tr>
<td>WW-102-04</td>
<td>WW-404 / WW-410 / WW-460</td>
</tr>
<tr>
<td>WW-102-05</td>
<td>WW-240 (90° CORNER)</td>
</tr>
<tr>
<td>WW-102-06</td>
<td>WW-230 (135° CORNER)</td>
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<tr>
<td>WW-102-07</td>
<td>WW-241 (135° INSIDE SSG CORNER)</td>
</tr>
<tr>
<td>WW-105-01</td>
<td>WW-800 / WW-804 / WW-850</td>
</tr>
<tr>
<td>WW-105-02</td>
<td>WW-810</td>
</tr>
<tr>
<td>WW-105-06</td>
<td>WW-1175 (90° OUTSIDE CORNER)</td>
</tr>
</tbody>
</table>

**Note:**

1. Anchor bolt size and location determined by structural engineer.
Reliance™ Curtain Wall
Perimeter Anchor - H3429

ALL STANDARD RELIANCE 1" SYSTEMS EXCEPT 10"

HEAD ANCHOR RUNS THROUGH

FORMED ALUM. SLEEVE @ JAMB

ANCHOR @ JAMB

SILL ANCHOR RUNS THROUGH

ANCHOR BOLT (BY OTHERS) TYP.

ACCESS HOLE ALIGNED W/ FASTENER TYP.

NOTCH JAMBS @ TOP & BOTTOM

WEEP HOLES (2) PER LITE

BACKER ROD & SEALANT (BY OTHERS)
NOTE: DO NOT SEAL OVER WEEP HOLES

WW-100 PERIMETER ANCHOR SET IN SEALANT ATTACH W/ FS-325 @ 12" O.C. AND CAP SEAL (TYP.)

FORMED ALUM. SLEEVE @ HEAD & SILL 3" LONG, SET IN SEALANT

FORMED ALUM. SLEEVE @ JAMB

ANCHOR @ JAMB

SILL ANCHOR RUNS THROUGH

ANCHOR BOLT (BY OTHERS) TYP.

ACCESS HOLE ALIGNED W/ FASTENER TYP.

NOTCH JAMBS @ TOP & BOTTOM

WEEP HOLES (2) PER LITE

BACKER ROD & SEALANT (BY OTHERS)
NOTE: DO NOT SEAL OVER WEEP HOLES

WW-100 PERIMETER ANCHOR SET IN SEALANT ATTACH W/ FS-325 @ 12" O.C. AND CAP SEAL (TYP.)

FORMED ALUM. SLEEVE @ HEAD & SILL 3" LONG, SET IN SEALANT

FORMED ALUM. SLEEVE @ JAMB

ANCHOR @ JAMB

SILL ANCHOR RUNS THROUGH

ANCHOR BOLT (BY OTHERS) TYP.

ACCESS HOLE ALIGNED W/ FASTENER TYP.

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ANCHOR BOLT (BY OTHERS) TYP.
Reliance™ Curtain Wall
Steel Reinforcement - H3430

July 2019
1-866-OLDCASTLE (653-2278) www.obe.com

SEE APPROVED SHOP DRAWINGS FOR SPECIFIC REQUIREMENTS.

STEEL REINFORCING CHART

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>RS-19 (1 9/16&quot; X 4 13/16&quot; 10 GA.)</td>
</tr>
<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>
</tr>
<tr>
<td>F</td>
<td>RS-21 (1 1/2&quot; X 3&quot; 10 GA.)</td>
</tr>
<tr>
<td>G</td>
<td>RS-23 (1 7/8&quot; X 3 7/16&quot; 10 GA.)</td>
</tr>
<tr>
<td>H</td>
<td>STEEL BAR OPTION (BY OTHERS)</td>
</tr>
<tr>
<td>J</td>
<td>1/4&quot;-20 X 3&quot; HEX HEAD BOLT</td>
</tr>
<tr>
<td></td>
<td>1/4&quot;-20 HEX NUT &amp; WASHERS</td>
</tr>
<tr>
<td>K</td>
<td>FS-259 (1/4&quot;-.20 X 1&quot; PFH)</td>
</tr>
</tbody>
</table>

REF. INSTALLATION MANUAL FOR ADDITIONAL INFO.

H3430-Steel-Reinf
Reliance™ Curtain Wall
Mullion Splice - H3443

July 2019

 referencia instalación manual para información adicional sobre la conexión.

NOTE: OMIT UPPER FASTENERS AT EXPANSION SPLICE

LINE AT GLAZING ADAPTOR

SEALANT (BY OTHERS)

SPLICE CENTERLINE

6" SYSTEM DEPTH

<table>
<thead>
<tr>
<th>MULLION</th>
<th>SPLICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WW-400</td>
<td>WW-193-01</td>
</tr>
<tr>
<td>WW-402</td>
<td>WW-293-01</td>
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<tr>
<td>WW-403</td>
<td>WW-193-01</td>
</tr>
<tr>
<td>WW-404</td>
<td>WW-192-01</td>
</tr>
<tr>
<td>WW-410</td>
<td>WW-192-01</td>
</tr>
<tr>
<td>WW-230</td>
<td>WW-190-01</td>
</tr>
<tr>
<td>WW-240</td>
<td>WW-191-01</td>
</tr>
<tr>
<td>WW-241</td>
<td>WW-202-01</td>
</tr>
</tbody>
</table>

7-1/4" SYSTEM DEPTH

<table>
<thead>
<tr>
<th>MULLION</th>
<th>SPLICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WW-500</td>
<td>WW-194-01</td>
</tr>
<tr>
<td>WW-502</td>
<td>WW-294-01</td>
</tr>
<tr>
<td>WW-503</td>
<td>WW-194-01</td>
</tr>
<tr>
<td>WW-504</td>
<td>CW-74</td>
</tr>
<tr>
<td>WW-510</td>
<td>CW-74</td>
</tr>
<tr>
<td>WW-230</td>
<td>WW-190-01</td>
</tr>
<tr>
<td>WW-240</td>
<td>WW-191-01</td>
</tr>
<tr>
<td>WW-241</td>
<td>WW-202-01</td>
</tr>
</tbody>
</table>
NOTE: 135° SINGLE CORNER OPTIONS UNAVAILABLE ON 10" SYSTEM

NOTES:
1. GP-110 setting block typical, except for GP-126 at 1/2" and 9/16" glazing.
2. Glass pocket with adaptor = 3/4" unless noted otherwise.
3. Glass pocket 1" at 1/2" and 9/16" glazing.
4. Adaptors/glazing beads set in sealant (sealant by others).
5. 1/2" and 9/16" glazing not available at inside corners.

GLASS CHART

<table>
<thead>
<tr>
<th>GLAZING THICKNESS</th>
<th>GASKET EXTERIOR</th>
<th>GASKET INTERIOR</th>
<th>GLAZING ADAPTOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/16&quot; (.1875)</td>
<td>GP-118</td>
<td>GP-103</td>
<td>WW-130</td>
</tr>
<tr>
<td>1/4&quot; (.250)</td>
<td>GP-103</td>
<td>GP-103</td>
<td>WW-130</td>
</tr>
<tr>
<td>5/16&quot; (.3125)</td>
<td>GP-117</td>
<td>GP-103</td>
<td>WW-130</td>
</tr>
<tr>
<td>3/8&quot; (.375)</td>
<td>GP-117</td>
<td>GP-117</td>
<td>WW-130</td>
</tr>
<tr>
<td>1/2&quot; (.500)</td>
<td>GP-103</td>
<td>GP-103</td>
<td>*WW-1128</td>
</tr>
<tr>
<td>9/16&quot; (.5625)</td>
<td>GP-103</td>
<td>GP-103</td>
<td>*WW-1318</td>
</tr>
</tbody>
</table>

*Non-stock item

Reliance™ Curtain Wall
Glazing Adaptors & Spandrel Options - H3446

July 2019

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H3446-Spandrel-Options
NOTE: 135° SINGLE MULL CORNER OPTIONS UNAVAILABLE ON 10" SYSTEM

135° INSIDE CORNER

90° INSIDE CORNER

135° OUTSIDE CORNER

90° OUTSIDE CORNER

GLASS CHART

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<thead>
<tr>
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<th>GASKET INTERIOR</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/8&quot; (0.875)</td>
<td>GP-118</td>
<td>GP-118</td>
</tr>
<tr>
<td>15/16&quot; (0.9375)</td>
<td>GP-118</td>
<td>GP-103</td>
</tr>
<tr>
<td>1&quot;</td>
<td>GP-103</td>
<td>GP-103</td>
</tr>
<tr>
<td>1-1/16&quot; (1.0625)</td>
<td>GP-117</td>
<td>GP-103</td>
</tr>
<tr>
<td>1-1/8&quot; (1.125)</td>
<td>GP-117</td>
<td>GP-117</td>
</tr>
</tbody>
</table>

NOTES:
1. Glass Pocket = 1-1/2" (Typical)
2. Glazing beads set in sealant (sealant by others)