# RELIANCE™ CURTAIN WALL W/ FRP PRESSURE PLATES
2-1/2" X 10-3/8" / 1" GLAZING

## Elevation

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<th>Vertical Details</th>
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<td>V3305 Heavy Vertical</td>
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<tr>
<td>H3148 Vision Glazing Options</td>
<td>V3308 Jamb Vertical</td>
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<td>H3625 'F' &amp; 'T' Mullion Anchoring</td>
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<td>H3630 Steel Reinforcement</td>
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<td>H3643 Mullion Splicing</td>
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## Horizontal Details

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00-RelianceFRP-2.5x10.375-1inGlz-TOC
Reliance™ Curtain Wall w/ FRP Pressure Plate
2-1/2" x 10-3/8" 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
Standard Curtain Wall
Steel Anchor - H0042

- FLOOR SLAB OR BEAM
  WW-2223 JAMB ANCHOR PLATE
  ATTACH W/ (6) FS-336 (1/4"-20 X 1-1/8" HWH DRILL FLEX)

- ACCESS HOLE

- PLAN VIEW
  Jamb Option
  Intermediate Mullion
  Single Mull Corners

- PLAN VIEW
  Jamb Option
  Intermediate Mullion
  Single Mull Corners

- SIDE VIEW

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

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

- ANCHOR BOLT
  (BY OTHERS)

- WELD AS REQUIRED BY INSTALLER

- FLOOR SLAB OR BEAM
  WW-2223 JAMB ANCHOR PLATE
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  (BY OTHERS)

- WELD AS REQUIRED BY INSTALLER

- FLOOR SLAB OR BEAM
  WW-2223 JAMB ANCHOR PLATE
  ATTACH W/ (6) FS-336 (1/4"-20 X 1-1/8" HWH DRILL FLEX)
NOTES:
1. AW-162 FRP pressure plate w/ GP-107 isolator typical
2. GP-110 setting block typical, (GP-126 at 1/2” and 9/16” glazing)
3. Glass pocket with adaptor = 3/4” (1” glass pocket at 1/2” and 9/16” glazing)
4. Adaptors/glazing beads set in sealant (sealant by others).

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” (.1875)</td>
<td>GP-118</td>
<td>GP-103</td>
<td>WW-130</td>
</tr>
<tr>
<td>1/4” (.250)</td>
<td>GP-103</td>
<td>GP-103</td>
<td>WW-130</td>
</tr>
<tr>
<td>5/16” (.3125)</td>
<td>GP-117</td>
<td>GP-103</td>
<td>WW-130</td>
</tr>
<tr>
<td>3/8” (.375)</td>
<td>GP-117</td>
<td>GP-117</td>
<td>WW-130</td>
</tr>
<tr>
<td>1/2” (.500)</td>
<td>GP-103</td>
<td>GP-103</td>
<td>&quot;WW-1128&quot;</td>
</tr>
<tr>
<td>9/16” (.5625)</td>
<td>GP-103</td>
<td>GP-103</td>
<td>&quot;WW-1318&quot;</td>
</tr>
</tbody>
</table>

*Non-stock item

Reliance™ Curtain Wall w/ FRP Pressure Plate
Glazing Adaptors & Spandrel Options - H3146

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H3146-Spandrel-Options
Reliance™ Curtain Wall w/ FRP Pressure Plate
Vision Glass Options - H3148

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NOTES:
1. AW-162 FRP pressure plate w/ GP-107 isolator typical
2. GP-109 setting block typical
3. Glass Pocket = 1-1/2" (typical)

GLASS CHART

<table>
<thead>
<tr>
<th>GLAZING THICKNESS</th>
<th>GASKET EXTERIOR</th>
<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>
**Reliance™ Curtain Wall**

"F" & "T" Anchors - H3625

**F" Anchor Chart**

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>MULLION</th>
</tr>
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<tbody>
<tr>
<td>WW-106-01</td>
<td>WW-800 / WW-804 / WW-850</td>
</tr>
<tr>
<td>WW-106-02</td>
<td>WW-810</td>
</tr>
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</table>

**T" Anchor Chart**

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>MULLION</th>
</tr>
</thead>
<tbody>
<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>

**Plan View**

**Front View**

**Notes:**

1. Anchor bolt size, quantity and location determined by structural engineer.

**Diagram Details:**

- Typical shear block
- Jamb
- Head
- Mullion
- Sill
- Shim underneath mullion (by others)
- Anchor bolt (see note)
Reliance™ Curtain Wall
Steel Reinforcement - H3630

STEEL REINFORCING CHART

<table>
<thead>
<tr>
<th></th>
<th>Description</th>
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<tbody>
<tr>
<td>A</td>
<td>WW-209 ALUM. REINFORCING</td>
</tr>
<tr>
<td>B</td>
<td>WW-201 ALUM. REINFORCING</td>
</tr>
<tr>
<td>C</td>
<td>RS-20 (5-1/2&quot; X 1/2&quot; X 10' LG. STEEL BAR)</td>
</tr>
</tbody>
</table>

SEE APPROVED SHOP DRAWINGS FOR SPECIFIC REQUIREMENTS.

REF. INSTALLATION MANUAL FOR ADDITIONAL INFO.
Reliance™ Curtain Wall
Mullion Splice - H3643

10-1/8" SYSTEM DEPTH

<table>
<thead>
<tr>
<th>MULLION</th>
<th>SPLICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>WW-800</td>
<td>CW-671</td>
</tr>
<tr>
<td>WW-810</td>
<td>WW-1179-01</td>
</tr>
<tr>
<td>WW-1175</td>
<td>WW-1176-01</td>
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</tbody>
</table>

REFERENCE INSTALLATION MANUAL FOR ADDITIONAL SPLICE INFO.
Reliance™ Curtain Wall w/ FRP Pressure Plate
Head at Vision - H3301

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WW-189-01 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-216 FACE CAP

1/2" GLAZING

10 3/8"

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

1/2"

2 1/2"

D.L.O.

GP-103
GASKETS TYP.

AW-162 PRESSURE
PLATE W/ GP-107
ISOLATOR.
LOCATE 5/16" WEEP
HOLES @ 1/4 PTS.
FIELD ATTACH W/ FS-325 @ 9" O.C.

SEE TOP VIEWS FOR
MULLION CAP INFO

BACKER ROD & SEALANT
(BY OTHERS)

SEAL PRIOR TO
INSTALLING HORIZONTAL.

SEALANT
(MOUNTED)

ANCHOR BOLT
(BY OTHERS)

SEE TOP VIEW FOR "T" ANCHOR INFO

WW-801 HEAD

GASKETS TYP.

1" GLAZING

5/16" WEEP HOLE
@ C.L. OF D.L.O.
Reliance™ Curtain Wall w/ FRP Pressure Plate
Sill at Vision - H3304

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WW-802 SILL

WW-189-01 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-216 FACE CAP

AW-162 PRESSURE
PLATE W/ GP-107
ISOlator.
LOCATE 5/16" WEEP
HOLES @ 1/4 PTS.
FIELD ATTACH W/
FS-325 @ 9" O.C.

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

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

1" GLAZING ON GP-109
SETTING BLOCK

10 3/8"

D.L.O.

2 1/2"

1/2"

1/2"

1" GLAZING ON GP-109
SETTING BLOCK

10 3/8"

D.L.O.

2 1/2"

1/2"

1/2"

1" GLAZING ON GP-109
SETTING BLOCK

10 3/8"

D.L.O.

2 1/2"

1/2"

1/2"

1" GLAZING ON GP-109
SETTING BLOCK
Reliance™ Curtain Wall w/ FRP Pressure Plate
Intermediate Horizontal at Vision - H3305

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1" GLAZING ON GP-109
SETTING BLOCK

WW-810 HORIZONTAL

AW-162 PRESSURE
PLATE W/ GP-107
ISOLATOR.
LOCATE 5/16" WEEP
HOLES @ 1/4 PTS.
FIELD ATTACH W/
FS-325 @ 9" O.C.

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

WW-216 FACE CAP

GP-103 GASKETS TYP.

WW-189-01 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.

D.L.O. 2 1/2"

D.L.O. 2 1/2"

10 3/8"
Reliance™ Curtain Wall w/ FRP Pressure Plate
Horizontal at Operable Window - H3318

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

WW-810 HORIZONTAL

GP-103 GASKETS TYP.

AW-162 PRESSURE PLATE W/ GP-107 ISOLATOR.
LOCATE 5/16" WEEP HOLES @ 1/4 PTS.
FIELD ATTACH W/ FS-325 @ 9" O.C.

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

WW-216 FACE CAP

2 1/2"
Reliance™ Curtain Wall w/ FRP Pressure Plate
Horizontal at Operable Window - H3319

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

WW-216 FACE CAP

AW-162 PRESSURE
PLATE W/ GP-107
ISOLATOR.
LOCATE 5/16" WEEP
HOLES @ 1/4 PTS.
FIELD ATTACH W/
FS-325 @ 9" O.C.

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

GP-103
GASKETS TYP.

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

WW-810 HORIZONTAL

10 3/8"
Reliance™ Curtain Wall w/ FRP Pressure Plate

Typical Vertical Mullion - V3302
Reliance™ Curtain Wall w/ FRP Pressure Plate
Heavy Vertical Mullion - V3305
Reliance™ Curtain Wall w/ FRP Pressure Plate
Jamb Vertical - V3308

- WW-810 MULLION
- WW-106-02 "F" ANCHOR
- WW-189-01 SHEAR BLOCK
- WW-325 MULLION CAP MODIFIED FOR JAMB ATTACH W/ FS-320
- WW-122 POCKET FILLER SET IN SEALANT & ATTACH W/ CAP SEALED FS-322 @ 18" O.C.
- BACKER ROD & SEALANT (BY OTHERS)
- GP-103 GASKETS TYP.
- WW-216 FACE CAP 2 1/2" D.L.O.
- AW-162 PRESSURE PLATE W/ GP-107 ISOLATOR FIELD ATTACH W/ FS-325 @ 9" O.C.
- 1" GLAZING
Reliance™ Curtain Wall w/ FRP Pressure Plate

90° Outside Corner - V3315

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Reliance™ Curtain Wall w/ FRP Pressure Plate
90° Inside Corner - V3317

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V3317-90-Inside-Corner
Reliance™ Curtain Wall w/ FRP Pressure Plate

90° Outside Corner at Vision - V3321

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