RELIANCE™-TC TYPE I (STD. HORIZONTALS & TC VERTICALS) w/ FRP Pressure Plates
2-1/2" X 7-1/2" W/ 1" TYPICAL INFILL

(Drawing numbers---i.e., H3101---used as CAD detail reference only)

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<th>Corner Details</th>
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<td>H3104 Sill</td>
<td>V3167 90° Inside Corner - 2 Mullion</td>
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<td>H3105 Intermediate Horizontal</td>
<td>V3171 90° Outside Corner</td>
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<td>H3108 Roll-Over Horizontal</td>
<td>V3190 SSG 90° Outside Corner Option 1</td>
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<td>H3109 Roll-Under Horizontal</td>
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Misc. Details
- H0042 Steel Anchoring
- H3421 Shear Block Anchoring
- H7425 'F' & 'T' Anchoring
- H7443 Mullion Splicing
- H7448 Spandrel Glazing Option
Reliance™-TC Type I - Standard Horizontals w/ FRP Pressure Plates and TC Verticals
2-1/2" x 7-1/2" w/ 1" Glazing - Elevation

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Elev-RcwTC-TypeI-FRP-750
**Reliance™ Curtain Wall**

**Head at Vision - H3101**

- **WW-501 HEAD**
- **WW-216**
  - **AW-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.**
- **1" GLAZING**
- **WW-181-01 SHEAR BLOCK @ JAMB & MULLIONS**
  - **ATTACH TO VERTICALS W/ FS-9, ATTACH TO HORIZONTALS W/ FS-115. SEAL PRIOR TO INSTALLING HORIZONTAL.**
- **WW-104-01 SHEAR BLOCK ANCHOR**
  - **SEE SHEET H7425 FOR 'F' & 'T' ANCHORS**
- **PIPE SLEEVE ANCHOR**
  - **(BY OTHERS)**
- **BACKER ROD & SEALANT**
  - **(BY OTHERS)**
- **GP-103 GASKETS TYP.**
- **5/16" WEEP HOLE @ C.L. OF D.L.O.**
- **1/2" PIPESLEEVE**
- **1 1/2" D.L.O.**

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H3101-Head-Horizontal
Reliance™ Curtain Wall
Sill at Vision - H3104

1" GLAZING ON GP-109 SETTING BLOCK

WW-216 FACE CAP

AW-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.

1/2" 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

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

WW-104-01 SHEAR BLOCK ANCHOR SEE SHEET H7425 FOR 'F' & 'T' ANCHORS

SHIM (BY OTHERS)
ANCHOR BOLT (BY OTHERS)
Reliance™ Curtain Wall
Intermediate Horizontal at Vision - H3105

1" GLAZING ON GP-109 SETTING BLOCK

AW-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.

WW-181-01 SHEAR BLOCK ATTACH TO VERTICAL W/ FS-9, ATTACH TO HORIZONTAL W/ FS-115. SEAL PRIOR TO INSTALLING HORIZONTAL

WW-216 FACE CAP

2 1/2" D.L.O.

7 1/2" D.L.O.

7 1/2"

WW-500 HORIZONTAL
1" GLAZING ON GP-109 SETTING BLOCK

WW-216 FACE CAP

AW-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.

WW-181-01 SHEAR BLOCK ATTACH TO VERTICAL W/ FS-9, ATTACH TO HORIZONTAL W/ FS-115. SEAL PRIOR TO INSTALLING HORIZONTAL.

WW-532 HORIZONTAL

WW-237 SNAP COVER

Reliance™ Curtain Wall
Roll-over Horizontal at Vision - H3108
Reliance™ Curtain Wall
Roll-under Horizontal at Vision - H3109

1" GLAZING ON GP-109
SETTING BLOCK

WW-216 FACE CAP

AW-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.

WW-181-01 SHEAR BLOCK
ATTACH TO VERTICAL W/ FS-9, ATTACH
TO HORIZONTAL W/ FS-115. SEAL PRIOR
TO INSTALLING HORIZONTAL.

WW-237 SNAP COVER

WW-533 HORIZONTAL

7 1/2"

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Reliance™ Curtain Wall
Horizontal at Operable Window - H3118

"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 - H3119

"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-216 FACE CAP

AW-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-500 HORIZONTAL

7 1/2"

2 1/2"
Reliance™-TC Type I
Jamb - V3151

WW-538 MULLION

WW-343 MULLION CAP, MODIFIED FOR JAMB. ATTACH W/ FS-320 DRIVE SCREWS

WW-364 ZONE PLUG

WW-341 VINYL POCKET FILLER

WW-364 ZONE PLUG

WW-110 FACE CAP

BACKER ROD & SEALANT (BY OTHERS)

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

1" GLAZING

GP-103 INTERIOR FIXED GASKET, GP-113 EXTERIOR WEDGE GASKET

SHEAR BLOCK @ HORIZONTALS (SEE HORIZ. DETAILS FOR MORE INFORMATION)

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Reliance™-TC Type I
Intermediate Vertical - V3152

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WW-538 MULLION

7 1/2"

WW-364 ZONE PLUG (DEEP POCKET), WW-365 ZONE PLUG (SHALLOW POCKET)

WW-343 MULLION CAP, ATTACH W/ FS-320 DRIVE SCREWS

GP-103 INTERIOR FIXED GASKETS, GP-113 EXTERIOR WEDGE GASKETS

SHEAR BLOCKS @ HORIZONTALS (SEE HORIZ. DETAILS FOR MORE INFORMATON)

GP-103 INTERIOR FIXED GASKETS, GP-113 EXTERIOR WEDGE GASKETS

1" GLAZING

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

GP-103 INTERIOR FIXED GASKETS, GP-113 EXTERIOR WEDGE GASKETS

WW-110 FACE CAP

WW-110 FACE CAP

1" GLAZING

D.L.O. 2 1/2" D.L.O.
Reliance™-TC  Type I
Heavy Vertical - V3155

WW-531 MULLION

WW-343 MULLION CAP,
ATTACH W/ FS-320
DRIVE SCREWS

WW-364 ZONE PLUG
(DEEP POCKET),
WW-365 ZONE PLUG
(SHALLOW POCKET)

1" GLAZING

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

GP-103 INTERIOR
FIXED GASKETS,
GP-113 EXTERIOR
WEDGE GASKETS

SHEAR BLOCKS @
HORIZONTALS
(SEE HORIZ. DETAILS FOR
MORE INFORMATION)

GP-110 FACE CAP

(SEE HORIZ. DETAILS FOR
MORE INFORMATION)
Reliance™-TC Type I
Vertical at Operable Window - V3159

ZERO SIGHTLINE FLAT FRAME OPERABLE WINDOW. GO TO www.obe.com/products/architectural-windows FOR THE MOST CURRENT AVAILABLE VENT OPTIONS.
WW-327 MULLION CAP, WW-300 ZONE BRIDGE

WW-181-01 SHEAR BLOCKS @ HORIZONTALS

WW-504 MULLION

GP-105 SPACER GASKETS W/ STRUCT. SILICONE SEALANT (SEALANT BY OTHERS)

1" GLAZING

BETTER ROD & SEALANT (BY OTHERS)

LINE OF HORIZONTAL FACE CAP

Reliance™-TC Type I
SSG Vertical - V3182

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Reliance™-TC Type I
90° Outside Corner - V3165

WW-538 MULLIONS

WW-341 VINYL POCKET FILLERS

1/4" SHIMS (OR TAPE) FOR THERMAL BREAK

AN-2 ANGLE

AN-1 ANGLES, SHOP ATTACHED @ HEAD & SILL FOR PERIMETER SEAL

WW-343 MULLION CAPS, MODIFIED FOR JAMB. ATTACH W/ FS-320 DRIVE SCREWS

WW-364 ZONE PLUGS

WW-110 FACE CAPS

1/8" FORMED ALUM. CLOSURE

BACKER ROD & SEALANT (BY OTHERS)

1" GLAZING

1/2" 7"

7/12"

7"

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

SHEAR BLOCKS @ HORIZONTAL (SEE HORIZ. DETAILS FOR MORE INFORMATION)

GP-103 INTERIOR FIXED GASKETS, GP-113 EXTERIOR WEDGE GASKETS

AN-1 ANGLES, SHOP ATTACHED @ HEAD & SILL FOR PERIMETER SEAL

WW-110 FACE CAPS

1/2" 7"

1/8" FORMED ALUM. CLOSURE

BACKER ROD & SEALANT (BY OTHERS)

1" GLAZING

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

SHEAR BLOCKS @ HORIZONTAL (SEE HORIZ. DETAILS FOR MORE INFORMATION)

GP-103 INTERIOR FIXED GASKETS, GP-113 EXTERIOR WEDGE GASKETS

AN-1 ANGLES, SHOP ATTACHED @ HEAD & SILL FOR PERIMETER SEAL

WW-110 FACE CAPS

1/2" 7"

1/8" FORMED ALUM. CLOSURE

BACKER ROD & SEALANT (BY OTHERS)

1" GLAZING

1/2" 2 1/2" D.L.O.
Reliance™-TC  Type I
90° Inside Corner - V3167

1" GLAZING

WW-341 VINYL POCKET FILLERS

WW-343 MULLION CAPS, MODIFIED FOR JAMB, ATTACH W/ FS-320 DRIVE SCREWS

WW-110 FACE CAPS

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

1/8" FORMED ALUM. CLOSURES

WW-364 ZONE PLUGS

SHIMS, BACKER ROD & SEALANT (BY OTHERS)

D.L.O.

1/2"  2 1/2"

GP-103 INTERIOR FIXED GASKETS, GP-113 EXTERIOR WEDGE GASKETS

WW-338 MULLIONS

SHEAR BLOCKS @ HORIZONTAL (SEE HORIZ. DETAILS FOR MORE INFORMATION)

AN-1 ALUM. ANGLES

ZONE PLUGS

July 2019
Reliance™-TC Type I
90° Outside Corner - V3171

WW-220

AW-270 MULLION

WW-180-01 SHEAR BLOCKS

AW-102-22 'T' ANCHOR @ HEAD & SILL

WW-323 MULLION CAP @ HEAD & SILL, ATTACH W/ FS-320 DRIVE SCREWS

AW-309 ZONE PLUGS

AW-118 FACE CAPS

CONT. SEAL (BY OTHERS)

GP-103 GASKETS TYP.

AW-162 PRESSURE PLATES & GP-108 ISOLATORS, FIELD ATTACH W/ FS-325 @ 9" O.C.

1" GLAZING

7 1/2"
Reliance™-TC Type I
SSG 90° Outside Corner w/ Cap - V3190

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V3190-SSG-90-OSC-Option
Reliance™-TC Type I
SSG 90° Outside Corner - V3191

GP-105 Spacer Gaskets & Struct. Silicone Sealant (Sealant by Others)

1" Glazing

Backer Rod & Sealant (by Others)

WW-180-01 Shear Blocks @ Horizontals

WW-323 Mullion Cap, WW-312 Zone Bridge

Line of Horizontal Face Cap

1 5/8"

4 1/32" D.L.O.
Standard Curtain Wall
Steel Anchor - H0042

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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™-TC Type I
"F" & "T" Anchors - H7425

"F" ANCHOR CHART

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<tr>
<th>PART NO.</th>
<th>MULLION</th>
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<tr>
<td>WW-103-05</td>
<td>WW-520/WW-538</td>
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<tr>
<td>WW-103-06</td>
<td>WW-420/WW-438</td>
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<td>WW-103-07</td>
<td>WW-530/WW-531/WW-566</td>
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<tr>
<td>WW-103-08</td>
<td>WW-430/WW-431/WW-466</td>
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"T" ANCHOR CHART

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<td>WW-102-02</td>
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<td>WW-102-04</td>
<td>WW-404</td>
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<td>WW-102-08</td>
<td>WW-520/WW-538</td>
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<td>WW-102-09</td>
<td>WW-420/WW-438</td>
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<td>WW-102-10</td>
<td>WW-530/WW-531/WW-566</td>
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<td>WW-102-11</td>
<td>WW-430/WW-431/WW-466</td>
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<td>WW-102-13</td>
<td>WW-234</td>
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<td>WW-102-14</td>
<td>WW-233</td>
</tr>
<tr>
<td>WW-102-22</td>
<td>AW-270</td>
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NOTE:
1. ANCHOR BOLT SIZE AND LOCATION DETERMINED BY STRUCTURAL ENGINEER

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H7425-F-T-Anchors
Mullion Splice - H7443

6" SYSTEM DEPTH

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<th>REAR SPLICE</th>
<th>FRONT SPLICE</th>
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<tr>
<td>WW-420</td>
<td>CW-90</td>
<td>WW-203-01</td>
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<td>WW-430</td>
<td>CW-542</td>
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<td>WW-431</td>
<td>CW-542</td>
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<td>WW-438</td>
<td>CW-90</td>
<td>WW-203-01</td>
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<td>WW-466</td>
<td>CW-542</td>
<td>WW-203-01</td>
</tr>
<tr>
<td>WW-233</td>
<td>CW-129-01</td>
<td>WW-213-01</td>
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7-1/4" SYSTEM DEPTH

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<th>MULLION</th>
<th>REAR SPLICE</th>
<th>FRONT SPLICE</th>
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<tbody>
<tr>
<td>WW-520</td>
<td>CW-66</td>
<td>WW-203-01</td>
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<tr>
<td>WW-530</td>
<td>CW-1496</td>
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<td>WW-234</td>
<td>WW-214-01</td>
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NOTE: OMIT UPPER FASTENERS AT EXPANSION SPLICE

REFERENCE INSTALLATION MANUAL FOR ADDITIONAL SPLICE INFO.
GLAZING CHART

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<th>INFILL THICKNESS</th>
<th>INTERIOR GASKET</th>
<th>EXTERIOR GASKET (VERTICALS)</th>
<th>EXTERIOR GASKET (HORIZONTALS &amp; CORNERS)</th>
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<td>3/16&quot;</td>
<td>GP-103</td>
<td>GP-133</td>
<td>GP-118</td>
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<td>1/4&quot;</td>
<td>GP-103</td>
<td>GP-113</td>
<td>GP-118</td>
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<tr>
<td>5/16&quot;</td>
<td>GP-103</td>
<td>GP-128</td>
<td>GP-103</td>
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<tr>
<td>3/8&quot;</td>
<td>GP-117</td>
<td>GP-128</td>
<td>GP-117</td>
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</table>

NOTES:
1. GP-110 SETTING BLOCK IS TYPICAL @ SPANDREL GLAZING U.N.O.
2. GLASS POCKET WIDTH WITH ADAPTOR = 3/4"

Reliance™-TC Type I
Spandrel Glazing Options - H7446
Reliance™-TC Type I
Vision Glazing Options - H7448

NOTES:
1. GLASS POCKET WIDTH = 1-1/2" TYP.
2. SETTING BLOCK = GP-109 TYP.

GLAZING CHART

<table>
<thead>
<tr>
<th>INFILL THICKNESS</th>
<th>INTERIOR GASKET</th>
<th>EXTERIOR GASKET (HORIZONTALS &amp; CORNERS)</th>
<th>EXTERIOR GASKET (VERTICALS)</th>
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<td>7/8&quot; (0.875)</td>
<td>GP-118</td>
<td>GP-118</td>
<td>GP-133</td>
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<tr>
<td>15/16&quot; (0.9375)</td>
<td>GP-118</td>
<td>GP-103</td>
<td>GP-113</td>
</tr>
<tr>
<td>1&quot;</td>
<td>GP-103</td>
<td>GP-103</td>
<td>GP-113</td>
</tr>
<tr>
<td>1-1/16&quot; (1.0625)</td>
<td>GP-117</td>
<td>GP-103</td>
<td>GP-128</td>
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<tr>
<td>1-1/8&quot; (1.125)</td>
<td>GP-117</td>
<td>GP-117</td>
<td>GP-128</td>
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H7448-Vision-Options