RELIANCE™-TC TYPE II (TC HORIZONTALS & VERTICALS) w/ FRP PRESSURE PLATES
2-1/2" X 6-1/4" W/ 1" TYPICAL INFILL

(Drawing numbers---i.e., H6701---used as CAD detail reference only)

Elevation

**Horizontal Details**
- H6701  Head
- H6704  Sill
- H6705  Intermediate Horizontal
- H6708  Roll-Over Horizontal
- H6709  Roll-Under Horizontal
- H6718  Horizontal at Operable Window (Pocket Frame)
- H6719  Horizontal at Operable Window (Flat Frame)

**Corner Details**
- V6715  90° Outside Corner - 2 Mullion
- V6717  90° Inside Corner - 2 Mullion
- V6721  90° Outside Corner
- V6770  SSG 90° Outside Corner Option 1
- V6771  SSG 90° Outside Corner Option 2

**Vertical Details**
- V6701  Jamb
- V6702  Typical Vertical
- V6705  Heavy Vertical
- V6709  Vertical at Operable Window
- V6752  SSG Vertical

**Misc. Details**
- H0042  Steel Anchoring
- H6425  'F' & 'T' Anchoring
- H6443  Mullion Splicing
- H6446  Spandrel Glazing Options
- H6448  Vision Glazing Options

Table of Contents
Reliance™-TC  Type II - TC Horizontal & Verticals w/ FRP Pressure Plates
2-1/2" x 6-1/4" w/ 1" Glazing - Elevation

July 2020
Reliance™-TC Type II
Head - H6701

WW-216 FACE CAP

AW-162 PRESSURE PLATE W/ GP-108 ISOLATOR, FIELD ATTACH W/ FS-325 @ 9" O.C.

5/16" WEEP HOLE @ MID-LITE

AW-426 HEAD

1" GLAZING

D.L.O.

2 1/2"

1/2"

(2) 5/16" WEEPS PER D.L.O. @ 1/4 PTS.

AW-181-01 SHEAR BLOCK @ JAMB & INTERMEDIATE VERTICALS, ATTACH TO VERTICALS W/ FS-9, ATTACH TO HORIZONTALS W/ FS-115

GP-103 TYP.

BACKER ROD & SEALANT (BY OTHERS)

MULLION CAP, SEE VERTICAL DETAILS FOR MORE INFO.

WW-122 POCKET FILLER, ATTACH W/ FS-322 @ 18" O.C.

ANCHOR BOLT (BY OTHERS)

'F' ANCHOR @ JAMB, 'T' ANCHOR @ INTERM. VERTICALS. SEE DETAIL H6425 FOR MORE INFO.

AW-181-01 SHEAR BLOCK @ JAMB & INTERMEDIATE VERTICALS, ATTACH TO VERTICALS W/ FS-9, ATTACH TO HORIZONTALS W/ FS-115

GP-103 TYP.

1" GLAZING

D.L.O.

2 1/2"

1/2"

(2) 5/16" WEEPS PER D.L.O. @ 1/4 PTS.

WW-122 POCKET FILLER, ATTACH W/ FS-322 @ 18" O.C.

ANCHOR BOLT (BY OTHERS)

'F' ANCHOR @ JAMB, 'T' ANCHOR @ INTERM. VERTICALS. SEE DETAIL H6425 FOR MORE INFO.
Reliance™-TC Type II
Sill - H6704

1" GLAZING ON GP-116 SETTING BLOCK & AW-127-01 SETTING CHAIR

AW-181-01 SHEAR BLOCK @ JAMB & INTERMEDIATE VERTICALS, ATTACH TO VERTICALS W/ FS-9, ATTACH TO HORIZONTALS W/ FS-115

WW-216 FACE CAP

(2) 5/16" WEEPS PER D.L.O. @ 1/4 PTS.

AW-162 PRESSURE PLATE W/ GP-108 ISOLATOR, FIELD ATTACH W/ FS-325 @ 9" O.C.

5/16" WEEP HOLE @ MID-LITE

MULLION CAP, SEE VERTICAL DETAILS FOR MORE INFO.

ANCHOR BOLT (BY OTHERS)

WW-122 POCKET FILLER, ATTACH W/ FS-322 @ 18" O.C.

'F' ANCHOR @ JAMB, 'T' ANCHOR @ INTERM. VERTICALS. SEE DETAIL H6425 FOR MORE INFO.

BACKER ROD & SEALANT (BY OTHERS)

Reliance™-TC Type II
Sill - H6704

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Reliance™-TC Type II
Intermediate Horizontal - H6705

1" GLAZING ON GP-116 SETTING BLOCK & AW-127-01 SETTING CHAIR

AW-181-01 SHEAR BLOCK @ JAMB & INTERMEDIATE VERTICALS,
ATTACH TO VERTICALS W/ FS-9,
ATTACH TO HORIZONTALS W/ FS-115

WW-216 FACE CAP

(2) 5/16" WEEPS PER D.L.O. @ 1/4 PTS.

AW-162 PRESSURE PLATE W/ GP-108 ISOLATOR,
FIELD ATTACH W/ FS-325 @ 9" O.C.

5/16" WEEP HOLE @ MID-LITE

GP-103 TYP.

AW-424 HORIZONTAL

6 1/4"

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H6705-Horizontal
Reliance™-TC Type II
Roll-Over Horizontal - H6708

1" GLAZING ON GP-116 SETTING BLOCK & AW-127-01 SETTING CHAIR

AW-181-01 SHEAR BLOCK @ JAMB & INTERMEDIATE VERTICALS, ATTACH TO VERTICALS W/ FS-9, ATTACH TO HORIZONTALS W/ FS-115

WW-216 FACE CAP

(2) 5/16" WEEPS PER D.L.O. @ 1/4 PTS.

AW-162 PRESSURE PLATE W/ GP-108 ISOLATOR, FIELD ATTACH W/ FS-325 @ 9" O.C.

5/16" WEEP HOLE @ MID-LITE

GP-103 TYP.

WW-236 FILLER

2 1/2" D.L.O.

6 1/4" D.L.O.

6 1/4"
Reliance™-TC Type II
Roll-Under Horizontal - H6709

1" GLAZING ON GP-116 SETTING BLOCK & AW-127-01 SETTING CHAIR

AW-181-01 SHEAR BLOCK @ JAMB & INTERMEDIATE VERTICALS, ATTACH TO VERTICALS W/ FS-9, ATTACH TO HORIZONTALS W/ FS-115

WW-216 FACE CAP

(2) 5/16" WEEPS PER D.L.O. @ 1/4 PTS.

AW-162 PRESSURE PLATE W/ GP-108 ISOLATOR, FIELD ATTACH W/ FS-325 @ 9" O.C.

5/16" WEEP HOLE @ MID-LITE

AW-425 HORIZONTAL

WW-236 FILLER

GP-103 TYP.

6 1/4"

2 1/2"
Reliance™-TC Type II
Horizontal at Operable Window - H6718

WW-216 FACE CAP

(2) 5/16" WEEPS PER D.L.O. @ 1/4 PTS.

AW-162 PRESSURE PLATE W/ GP-108 ISOLATOR, FIELD ATTACH W/ FS-325 @ 9" O.C.

5/16" WEEP HOLE @ MID-LITE

GP-108 TYP.

AW-424 HORIZONTAL

D.L.O.

2 1/2"

6 1/4"

"POCKET FRAME" OPERABLE WINDOW. GO TO OBE.COM/PRODUCTS/ARCHITECTURAL-WINDOWS FOR THE MOST CURRENT DETAILS AND VENT OPTIONS.
Reliance™-TC Type II
Horizontal at Operable Window - H6719

WW-122 POCKET FILLER, ATTACH W/ FS-322 @ 18" O.C.

WW-216 FACE CAP

(2) 5/16" WEEPS PER D.L.O. @ 1/4 PTS.

AW-162 PRESSURE PLATE W/ GP-108 ISOLATOR, FIELD ATTACH W/ FS-325 @ 9" O.C.

5/16" WEEP HOLE @ MID-LITE

GP-103 TYP.

AW-424 HORIZONTAL

D.L.O.

2 1/2"

D.L.O.

6 1/4"

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

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H6719-Flat-Frame-OperWin
Reliance™-TC Type II
Jamb - V6701

AW-420 JAMB

AW-181-01 SHEAR BLOCK @ HORIZONTALS, SEE HORIZONTAL DETAILS FOR MORE INFO.

WW-370 ZONE PLUG

GP-103 GASKETS TYP.

AW-162 PRESSURE PLATE W/ GP-108 ISOLATOR, FIELD ATTACH W/ FS-325 @ 9" O.C.

WW-325 MULLION CAP (MOD. FOR JAMB), ATTACH W/ FS-320 DRIVE SCREWS

WW-122 POCKET FILLER, ATTACH W/ FS-322 @ 18" O.C.

BACKER ROD & SEALANT (BY OTHERS)

1" GLAZING

1/2"

2 1/2"

D.L.O.
WW-370 ZONE PLUG (BOTH SIDES)

GP-103 GASKETS TYP.

AW-420 MULLION

WW-325 MULLION CAP, ATTACH W/ FS-320 DRIVE SCREWS

WW-216 FACE CAP

AW-162 PRESSURE PLATE W/ GP-108 ISOLATOR, FIELD ATTACH W/ FS-325 @ 9" O.C.

AW-181-01 SHEAR BLOCKS @ HORIZONTALS, SEE HORIZONTAL DETAILS FOR MORE INFO.

1" GLAZING

D.L.O.

2 1/2"

D.L.O.

Reliance™-TC Type II
Intermediate Vertical - V6702
Reliance™-TC Type II
Heavy Vertical - V6705

AW-430 MULLION

AW-181-01 SHEAR BLOCKS
@ HORIZONTALS,
SEE HORIZONTAL DETAILS
FOR MORE INFO.

WW-370 ZONE PLUG
(BOTH SIDES)

GP-103 GASKETS TYP.

WW-325 MULLION CAP,
ATTACH W/ FS-320
DRIVE SCREWS

WW-216 FACE CAP

AW-162 PRESSURE PLATE
W/ GP-108 ISOLATOR,
FIELD ATTACH W/ FS-325
@ 9" O.C.

1" GLAZING

D.L.O.

2 1/2"

D.L.O.

WW-325 MULLION CAP,
ATTACH W/ FS-320
DRIVE SCREWS

D.L.O.

2 1/2"

D.L.O.
Reliance™-TC Type II
Vertical at Operable Window - V6709

- AW-420 MULLION
- WW-216
- WW-122 POCKET FILLER, ATTACH W/ FS-322 @ 18" O.C.
- AW-181-01 SHEAR BLOCKS @ HORIZONTALS, SEE HORIZONTAL DETAILS FOR MORE INFO.
- GP-103 GASKETS TYP.
- AW-162 PRESSURE PLATE W/ GP-108 ISOLATOR, FIELD ATTACH W/ FS-325 @ 9" O.C.
- D.L.O. 2 1/2"

*FLAT FRAME* OPERABLE WINDOW. GO TO OBE.COM/PRODUCTS/ARCHITECTURAL-WINDOWS FOR THE MOST CURRENT DETAILS AND VENT OPTIONS.
Reliance™-TC Type II
SSG Vertical - V6752
Reliance™-TC Type II
90° Outside Corner - V6715

WW-370 PLUGS
@ HORIZONTALS, SEE HORIZONTAL DETAILS FOR MORE INFO.

WW-122 POCKET FILLERS,
ATTACH W/ FS-322 @ 18" O.C.

BACKER ROD & SEALANT
(BY OTHERS)

AN-1 ANGLES

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

1/8" FORMED
ALUM. CLOSURE

AN-2 ANGLE

AW-420 MULLIONS

AW-181-01 SHEAR BLOCKS
@ HORIZONTALS,
SEE HORIZONTAL DETAILS
FOR MORE INFO.

GP-103
GASKETS TYP.

1/2" SHIMS (OR TAPE),
FOR USE AS
THERMAL BREAK

WW-325 MULLION CAPS @ HEAD &
SILL (MOD. FOR JAMB),
ATTACH W/ FS-320 DRIVE SCREWS
5 3/4" 2 1/2" 1/2" D.L.O.

WW-216 FACE CAPS

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

1" GLAZING

WW-216 FACE CAPS

AN-2 ANGLE

AN-2 ANGLE

1/8" FORMED
ALUM. CLOSURE

AN-1 ANGLES

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

1/2" SHIMS (OR TAPE),
FOR USE AS
THERMAL BREAK

WW-325 MULLION CAPS @ HEAD &
SILL (MOD. FOR JAMB),
ATTACH W/ FS-320 DRIVE SCREWS
5 3/4" 2 1/2" 1/2" D.L.O.
Reliance™-TC Type II
90° Inside Corner - V6717

AN-1 ANGLES

WW-370 ZONE PLUGS

AW-181-01 SHEAR BLOCKS @ HORIZONTALS. SEE HORIZONTAL DETAILS FOR MORE INFO.

AW-420 MULLIONS

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

WW-216 FACE CAPS

1 1/8" GLAZING

1/8" FORMED ALUM. CLOSURES

GP-103 GASKETS TYP.

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

WW-325 MULLION CAPS @ HEAD & SILL (MOD. FOR JAMB), ATTACH W/ FS-320 DRIVE SCREWS

WB-122 POCKET FILLERS, ATTACH W/ FS-322 @ 18" O.C.

1/2" D.L.O.

2 1/2"
Reliance™-TC Type II
SSG 90° Outside Corner w/ Cap - V6770
Reliance™-TC Type II
SSG 90° Outside Corner - V6771

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V6771-SSG-90-OSC
Standard Curtain Wall
Steel Anchor - H0042

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)

ACCESS HOLE

Plan View
Jamb Option

Plan View
Intermediate Mullion

Plan View
Jamb Option

Plan View
Single Mull Corners

ANCHOR BOLT
(USED BY OTHERS)

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

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

Side View

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

ACCESS HOLE

Plan View
Jamb Option

Plan View
Intermediate Mullion

Plan View
Single Mull Corners

ANCHOR BOLT
(USED BY OTHERS)

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

Side View

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

ACCESS HOLE

Plan View
Jamb Option

Plan View
Intermediate Mullion

Plan View
Single Mull Corners

ANCHOR BOLT
(USED BY OTHERS)

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

Side View
Reliance™-TC Type II
'F' & 'T' Anchors - H6425

**NOTES:**
1. **ANCHOR BOLTS SHOWN FOR REFERENCE ONLY. BOLT QUANTITY, LAYOUT & LOCATION TO BE DETERMINED PER PROJECT VIA STRUCTURAL REVIEW.**

### 6" SYSTEM DEPTH

<table>
<thead>
<tr>
<th>MULLION</th>
<th>&quot;F&quot; ANCHOR</th>
<th>&quot;T&quot; ANCHOR</th>
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<tbody>
<tr>
<td>AW-420</td>
<td>WW-103-03</td>
<td>WW-102-03</td>
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<td>AW-430</td>
<td>WW-103-08</td>
<td>WW-102-11</td>
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<td>AW-270</td>
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<td>WW-102-22</td>
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<td>WW-233</td>
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<td>WW-102-14</td>
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<td>WW-102-04</td>
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### 7-1/4" SYSTEM DEPTH

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<th>&quot;T&quot; ANCHOR</th>
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<tr>
<td>AW-520</td>
<td>WW-103-01</td>
<td>WW-102-01</td>
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<td>AW-530</td>
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<td>WW-102-13</td>
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<td>WW-504</td>
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<td>WW-102-02</td>
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**SHIM UNDERNEATH EACH MULLION (BY OTHERS)**

**FS-55 (#10 X 1/2" PPH), (2) AT EACH HEAD & SILL, LOCATED OPPOSITE FS-5 SHEAR BLOCK FASTENERS**
### Reliance™-TC Type II
### Mullion Splice - H6443

**6" System Depth**

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<th>Rear Splice</th>
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<tbody>
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<td>AW-420</td>
<td>WW-193-01</td>
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<td>WW-192-01</td>
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<td>WW-233</td>
<td>WW-213-01</td>
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<td>WW-404</td>
<td>WW-192-01</td>
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**7-1/4" System Depth**

<table>
<thead>
<tr>
<th>Mullion</th>
<th>Rear Splice</th>
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<tbody>
<tr>
<td>AW-520</td>
<td>WW-194-01</td>
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<td>AW-530</td>
<td>CW-74</td>
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<td>WW-214-01</td>
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<td>WW-504</td>
<td>CW-74</td>
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**Reliance™-TC Type II**

**Spandrel Glazing Options - V6446**

**GLAZING CHART**

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<th>INFILL THICKNESS</th>
<th>INTERIOR GASKET</th>
<th>EXTERIOR GASKET</th>
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<tr>
<td>3/16&quot;</td>
<td>GP-103</td>
<td>GP-118</td>
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<td>1/4&quot;</td>
<td>GP-103</td>
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<td>5/16&quot;</td>
<td>GP-103</td>
<td>GP-117</td>
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<tr>
<td>3/8&quot;</td>
<td>GP-117</td>
<td>GP-117</td>
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</tbody>
</table>

**NOTES:**

1. HP-17 (MOD.) SETTING BLOCK IS TYPICAL @ SPANDREL GLAZING U.N.O.
2. GLASS POCKET WIDTH WITH ADAPTOR = 3/4"

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H6446-Spandrel-Options
Reliance™-TC Type II
Vision Glazing Options - H6448

NOTES:
1. GLASS POCKET WIDTH = 1-1/2"
2. GP-116 SETTING BLOCK IS TYPICAL