RELIANCE™ UNIT WALL - NON-CAPTURED - STRUCTURAL TAPE GLAZED
2-1/2" X 6-1/4" W/ 1" GLAZING

Elevation

**Anchoring Details**
H1501-Dead-Load-Anchor
H1502-Wind-Load-Anchor
V1501-Typical-Anchor
V1503-Anchor-90-Outside-Corner
V1505-Anchor-90-Inside-Corner

**Sunshade Details**
H1540-Sunshade-Anchor-Jamb-Int
H1544-Sunshade-Anchor-90-OSC
V1540-Sunshade-Anchor-Jamb
V1542-Sunshade-Anchor-Vertical
V1544-Sunshade-Anchor-90-OSC

**Horizontal Details**
H1503-Head-Horizontal-MultiSpan
H1504-Head-Horizontal-SingleSpan
H1510-Stack-Joint-Vision-Over-Spandrel
H1511-Stack-Joint-Vision-Over-Spandrel-Shear-Sleeve-Angle
H1512-Intermediate-Horizontal-Spandrel-Over-Vision
H1513-Intermediate-Horizontal-Over-Vision
H1514-Intermediate-Horizontal-Shadow-Box-Over-Vision
H1515-Stack-Joint-Vision-Over-Shadow-Box
H1516-Stack-Joint-Vision-Over-Shadow-Box-Shear-Sleeve-Angle
H1520-Dead-Load-Sill
H1530-Horizontal-DrHd-OHSC
H1531-Horizontal-DrHd-OHCC

**Vertical Details**
H1532-Horizontal-DrHd-Thermal
H1533-Horizontal-OpWin-Over-Vision
H1534-Horizontal-Shadow-Box-Over-OpWin

**Corner Details**
V1520-90-Outside-Corner-Vision
V1521-90-Outside-Corner-Stack-Joint
V1522-90-Outside-Corner-Spandrel
V1523-90-Outside-Corner-Shadow-Box
V1525-90-Inside-Corner-Vision
V1526-90-Inside-Corner-Stack-Joint
V1527-90-Inside-Corner-Spandrel
V1528-90-Inside-Corner-Shadow-Box

Table of Contents
Reliance™ Unit Wall - Non-Captured - Structural Tape Glazed
2-1/2" x 6-1/4" w/ 1" Glazing - Elevation

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Reliance™ Unit Wall
Deadload Anchor @ Floor Slab - H1501

Details are representative only and subject to change based on project conditions or customer request.
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Reliance™ Unit Wall
Windload Anchor @ Floor Slab - H1502

RUW-MA01 (TYPICAL & IS90 CNR)
SEE VERTICAL DETAIL FOR ATTACHMENT

UCW-387-01 ANCHOR HOOK
FREEZE W/ #10 X 1/2" HWH

UCW-308 ANCHOR
SLOTTED FOR IN/OUT ADJUSTMENT

UCW-200 SERRATED WASHER

ISOLATOR

2 1/2" NOMINAL

2" NOM. @ TYP. & INSIDE 90° CORNER

1 1/2" NOM. @ OUTSIDE 90° CORNER
(SEE DETAIL V1553)

BACK OF VERTICAL MULLION

2 1/2" NOMINAL
Details are representative only and subject to change based on project conditions or customer request.

Reliance™ Unit Wall
Typical Anchor @ Floor Slab - V1501

April 2019
Reliance™ Unit Wall
Anchor @ 90° Outside Corner - V1503

Details are representative only and subject to change based on project conditions or customer request.
Details are representative only and subject to change based on project conditions or customer request.

Reliance™ Unit Wall
Anchor @ 90° Inside Corner - V1505
Reliance™ Unit Wall - Non-Captured
Sunshade Anchoring at Jamb & Intermediate Verticals - H1540
Reliance™ Unit Wall - Non-Captured
Sunshade Anchoring at 90° Outside Corner - H1544
Reliance™ Unit Wall - Non-Captured
Sunshade Anchoring at Jamb Vertical - V1540

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RU-634 MULLION HALF
RU-635-FP-01 JAMB BRACKET
RU-651 MULLION HALF
RU-238-FP-01 THERMAL ISOLATOR
RU-232-FP-01 SUNSHADE BRACKET SUPPORT
ATTACH TO MULLION W/ (4) FS-42
RU-233-FP-01 SUNSHADE BRACKET
NOTCH RU-651 MULLION TO CLEAR
3M VHB TAPE
RU-657 PERIMETER FILLER W/ GP-487 ISOLATOR
ATTACH W/ FS-322 @ 12" O.C
SPW-1482 TRIM CAP
1/2"
FS-8 ASS'Y FASTENER (TYP.)
GP-483 WEATHER SEAL GASKET
FS-310 W/ (1) FSW-76 SPACER WASHER PER BOLT
(NOTE: WASHER AT JAMB CONDITION ONLY)
GP-486 GASKET
BACKER ROD & SEALANT (BY OTHERS)
SHOP SEAL AT SUNSHADE LOCATION
Reliance™ Unit Wall - Non-Captured

Sunshade Anchoring at Intermediate Vertical - V1542
Reliance™ Unit Wall - Non-Captured
Sunshade Anchoring at 90° Outside Corner - V1544

RU-663 COMPOSITE MULLION HALF
RU-662 COMPOSITE MULLION HALF
GP-483 WEATHER SEAL GASKET
3M VHB TAPE

RU-235-FP-01 SUNSHADE BRACKET SUPPORT
ATTACH TO MULLION W/ (4) FS-310

RU-236-FP-01 SUNSHADE BRACKET
ATTACH TO BRACKET SUPPORT W/ (4) FS-310; NOTCH MULLION
ASSEMBLY TO CLEAR

5 1/2"
Reliance™ Unit Wall - Non-Captured
Head Horizontal - Multi-Span - H1503

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H1503-Head-Horizontal-MultiSpan
Reliance™ Unit Wall - Non-Captured
Head Horizontal - Single Span - H1504

OPTIONAL PIPE SLEEVE
ANCHORING CONDITION, Sized PER PROJECT REQUIREMENT

3M VHB TAPE
RU-653 HEAD
RU-637 FILLER

RU-657 PERIMETER FILLER
W/ GP-487 ISOLATOR
ATTACH W/ FS-322 @ 12" O.C.

SPW-1482 TRIM CAP

BACKER ROD & SEALANT
(BY OTHERS)

1/2"

3/4" GLASS
BITE

1/2"

6 1/4"

1" GLAZING

SILICONE MEMBRANE

2 1/2"

3/4" MIN.
Reliance™ Unit Wall - Non-Captured
Stack Joint @ Vision over Spandrel w/ Shear Sleeve/Lifting Lug - H1510

Details are representative only and subject to change based on project conditions or customer request.
Reliance™ Unit Wall - Non-Captured

Stack Joint @ Vision over Spandrel w/ Shear Sleeve Angle - H1511

Details are representative only and subject to change based on project conditions or customer request.
Details are representative only and subject to change based on project conditions or customer request.

Reliance™ Unit Wall - Non-Captured
Intermediate Horizontal - Spandrel over Vision - H1512
Reliance™ Unit Wall - Non-Captured
Intermediate Horizontal - Vision over Vision - H1513

Details are representative only and subject to change based on project conditions or customer request.
Reliance™ Unit Wall - Non-Captured
Intermediate Horizontal - Shadowbox over Vision - H1514

Details are representative only and subject to change based on project conditions or customer request.
Reliance™ Unit Wall - Non-Captured
Stack Joint @ Vision over Shadowbox w/ Shear Sleeve Angle - H1515

Details are representative only and subject to change based on project conditions or customer request.
Reliance™ Unit Wall - Non-Captured
Stack Joint @ Vision over Shadowbox w/ Shear Sleeve/Lifting Lug - H1516

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Reliance™ Unit Wall - Non-Captured
Dead Load Sill - H1520

Details are representative only and subject to change based on project conditions or customer request.
Details are representative only and subject to change based on project conditions or customer request.

Reliance™ Unit Wall - Non-Captured
3/4" Door Header - H1530
Details are representative only and subject to change based on project conditions or customer request.

Reliance™ Unit Wall - Non-Captured

1 3/4" Door Header for Concealed Overhead Closer - H1531
Details are representative only and subject to change based on project conditions or customer request.

Reliance™ Unit Wall - Non-Captured
Thermal Door Header - H1532

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Reliance™ Unit Wall - Non-Captured
Horizontal @ Operable Window over Vision - H1533

Details are representative only and subject to change based on project conditions or customer request.
Reliance™ Unit Wall - Non-Captured
Horizontal @ Shadow Box over Operable Window - H1534

Details are representative only and subject to change based on project conditions or customer request.

(Zero Sightline Operable Window)

(go to www.obe.com/products/architectural-windows for the most current details and vent options available)
Reliance™ Unit Wall - Non-Captured
Intermediate Vertical @ Vision - V1510

Details are representative only and subject to change based on project conditions or customer request.
Reliance™ Unit Wall - Non-Captured
Intermediate Vertical @ Spandrel - V1511

Details are representative only and subject to change based on project conditions or customer request.
Details are representative only and subject to change based on project conditions or customer request.

Reliance™ Unit Wall - Non-Captured
Intermediate Vertical @ Shadow Box - V1512
Reliance™ Unit Wall - Non-Captured
Intermediate Vertical @ Stack Joint w/ Shear Sleeve - V1513

Details are representative only and subject to change based on project conditions or customer request.

RUW-MA04 SHEAR SLEEVE
ATTACH TO MULLION W/ (1) FS-74 (1/2"-13 X 2" HH CAP BOLT), (1) FSW-73 FLAT WASHER, (1) FSW-71 LOCK WASHER & (1) FSN-69 NUT

RU-651 MULLION MALE
RU-652 MULLION FEMALE

NOTCH BOTTOM OF VERTICAL MULLION @ EXPANSION JOINT

SILICONE MEMBRANE
SET IN PLACE @ JOINT OF EXPANSION HEAD HORIZONTALS

3M B23F TAPE

GP-483 WEATHER GASKET

FS-8 (#14 X 1" HH B PT C)

3/4" GLASS BITE TYP.

1" GLASS

GP-486 GASKET

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V1513-Intermediate-Vertical-at-Stack-Joint
Reliance™ Unit Wall - Non-Captured
Intermediate Vertical @ Stack Joint w/ Shear Sleeve Angle - V1514

Details are representative only and subject to change based on project conditions or customer request.
Details are representative only and subject to change based on project conditions or customer request.

Reliance™ Unit Wall - Non-Captured
Jamb Vertical @ Vision - V1515
Reliance™ Unit Wall - Non-Captured
Jamb Vertical @ Spandrel - V1516

Details are representative only and subject to change based on project conditions or customer request.
Reliance™ Unit Wall - Non-Captured
Jamb Vertical @ Shadow Box - V1517

RU-658 JAMB MULLION
RU-657 PERIMETER FILLER
ATTACH W/ FS-322 12" O.C.
GP-487 ISOLATOR
SPW-1482 TRIM CAP

3/4" MIN.
2 1/2"
6 1/4"

GALVANIZED STEEL BACK PAN W/ RIGID INSULATION
SHADOW BOX
3M B23F TAPE
1" VISION GLASS
1/2" GLASS BITE
3/4"

FS-8 (#14 X 1" HH B PT C)

Details are representative only and subject to change based on project conditions or customer request.
Reliance™ Unit Wall - Non-Captured
Jamb Vertical @ Stack Joint - V1518

Details are representative only and subject to change based on project conditions or customer request.
Reliance™ Unit Wall - Non-Captured
Optional 2-Piece Jamb - V1519

Details are representative only and subject to change based on project conditions or customer request.
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Reliance™ Unit Wall - Non-Captured
Vertical @ Std Door Jamb - V1531

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Details are representative only and subject to change based on project conditions or customer request.

Reliance™ Unit Wall - Non-Captured
Vertical @ Thermal Door Jamb - V1532
Details are representative only and subject to change based on project conditions or customer request.

Reliance™ Unit Wall - Non-Captured

90° Outside Corner @ Vision - V1520
Details are representative only and subject to change based on project conditions or customer request.

Reliance™ Unit Wall - Non-Captured
90° Outside Corner @ Stack Joint - V1521
Reliance™ Unit Wall - Non-Captured
90° Outside Corner @ Spandrel - V1522

GALVANIZED STEEL BACK PAN W/ RIGID INSULATION

RU-662 COMPOSITE MULLION HALF

RU-663 COMPOSITE MULLION HALF

3M B23F TAPE

BACKER ROD & SEALANT

GP-483 WEATHER GASKET

GP-60006 GASKET

Details are representative only and subject to change based on project conditions or customer request.

1/2"

2 1/2"

3/4" GLASS BITE TYP.

1/2"

1/4"

1/2"

1/4"

1/2"

1" SPANDEL GLASS

FS-9 (#14 X 1 1/2" HH B PT)

GP-60006 GASKET

RU-662 COMPOSITE MULLION HALF

RU-663 COMPOSITE MULLION HALF

3M B23F TAPE

BACKER ROD & SEALANT

GP-483 WEATHER GASKET
Details are representative only and subject to change based on project conditions or customer request.

Reliance™ Unit Wall - Non-Captured
90° Outside Corner @ Shadow Box - V1523
Reliance™ Unit Wall - Non-Captured
90° Inside Corner @ Vision - V1525
Details are representative only and subject to change based on project conditions or customer request.

Reliance™ Unit Wall - Non-Captured
90° Inside Corner @ Stack Joint - V1526

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Details are representative only and subject to change based on project conditions or customer request.

Reliance™ Unit Wall - Non-Captured
90° Inside Corner @ Spandrel - V1527

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V1527-90-deg-Inside-Corner-at-Spandrel
Reliance™ Unit Wall - Non-Captured
90° Inside Corner @ Shadow Box - V1528

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GALVANIZED STEEL BACK PAN W/ RIGID INSULATION

RU-658 JAMB MULLION

RU-657 PERIMETER FILLER ATTACH W/ FS-322 @ 12" O.C.

GP-487 ISOLATOR

SPW-1482 TRIM CAP

FS-8 (#14 X 1" HH B PT C)

RU-658 JAMB MULLION

BRAKE METAL TRIM

RU-658 JAMB MULLION

3M B23F TAPE

1" VISION GLASS

3/4" GLASS BITE TYP.

RU-657 PERIMETER FILLER ATTACH W/ FS-322 @ 12" O.C.

SECTION A-A

NOTE: JOINT SIZED TO ACCOMODATE ± 1/2" MOVEMENT

SHADOW BOX

GALVANIZED STEEL BACK PAN W/ RIGID INSULATION

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