RELIANCE™-TC TYPE I (STD. HORIZONTALS & TC VERTICALS)
2-1/2" X 6" W/ 1" TYPICAL INFILL

(Drawing numbers---i.e., H3501---used as CAD detail reference only)

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<td>H3505</td>
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<td><strong>Vertical Details</strong></td>
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<td><strong>Misc. Details</strong></td>
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<td>Steel Anchoring</td>
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<td>H3421</td>
<td>Shear Block Anchoring</td>
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<td>H7425</td>
<td>'F' &amp; 'T' Anchoring</td>
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<td>H7448</td>
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Note: Type II horizontals may be used in lieu of standard Reliance horizontals for improved thermal performance.

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Reliance™-TC  Type I - Standard Horizontals and TC Verticals
2-1/2" x 6" w/ 1" Glazing - Elevation
Reliance™ Curtain Wall
Head at Vision - H3501

WW-110

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.

1" GLAZING

WW-401 HEAD

1/2"

2 1/2"

6"

SEE VERTICAL DETAILS FOR MULLION CAP INFO

PIPE SLEEVE ANCHOR (OPTIONAL) (BY OTHERS)

BACKER ROD & SEALANT (BY OTHERS)

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

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

SEE VERTICAL DETAILS FOR MULLION CAP INFO

PIPE SLEEVE ANCHOR (OPTIONAL) (BY OTHERS)

BACKER ROD & SEALANT (BY OTHERS)
Reliance™ Curtain Wall
Sill at Vision - H3504

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.

GP-103
GASKETS TYP.

BACKER ROD & SEALANT
(BY OTHERS)

SEE VERTICAL VIEWS
FOR MULLION CAP INFO

SHIM
(BY OTHERS)

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

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

1/2"

D.L.O.

2 1/2"

6"

1/2"

See Vertical Views
For Mullion Cap Info
Reliance™ Curtain Wall
Intermediate Horizontal at Vision - H3505

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

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.

GP-103 GASKETS TYP.

6"

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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.

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

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

GP-103
GASKETS TYP.

WW-236 SNAP COVER

WW-432 HORIZONTAL

D.L.O.

D.L.O.

2 1/2"

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

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.

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-433 HORIZONTAL

WW-236 SNAP COVER

WW-236 SNAP COVER

2.1/2"

6"

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H3509-Roll-Under-Horiz
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.

"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 - H3519

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

WW-110 FACE CAP
WW-122 POCKET FILLER
SET IN SEALANT.
ATTACH W/ CAP SEALED
FS-322 @ 18" O.C.

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
Reliance™-TC Type I
Jamb - V7501

WW-420 MULLION

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

WW-364 ZONE PLUG

WW-341 VINYL POCKET FILLER

BACKER ROD & SEALANT (BY OTHERS)

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

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

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

1" GLAZING
Reliance™-TC Type I
Intermediate Vertical - V7502

WW-420 MULLION

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

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

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

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

1" GLAZING

6"

D.L.O.  2 1/2"  D.L.O.
Reliance™-TC Type I
Intermediate Vertical - Heavy - V7505

WW-430 MULLION

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

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

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

1" GLAZING

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

D.L.O. | 2 1/2" | D.L.O.
Reliance™-TC Type I
Vertical at Operable Window - V7509

WW-420 MULLION

ZERO SIGHTLINE FLAT FRAME OPERABLE WINDOW. GO TO www.obe.com/products/architectural-windows FOR THE MOST CURRENT AVAILABLE VENT OPTIONS.

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

WW-128 POCKET FILLER, SET IN SEALANT

D.L.O.  2 1/2"

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V7509-Mullion-w-OpWin
WW-327 MULLION CAP, WW-300 ZONE BRIDGE

WW-404 MULLION

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

 WW-181-01 SHEAR BLOCKS @ HORIZONTALS

1" GLAZING

1/2" BACKER ROD & SEALANT (BY OTHERS)

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

LINE OF HORIZONTAL FACE CAP

Reliance™-TC Type I
SSG Vertical - V7552

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Reliance™-TC Type I

90° Outside Corner - V7515
Reliance™-TC Type I
90° Inside Corner - V7517

WW-420 MULLIONS

1/8" FORMED ALUM. CLOSURES

AN-1 ALUM. ANGLES

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

WW-341 VINYL
POCKET FILLERS

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

WW-364 ZONE PLUGS

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

SHIM, BACKER ROD & SEALANT
(BY OTHERS)

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

1" GLAZING

SHEAR BLOCKS @ HORIZONTAL
(SEE HORIZ. DETAILS FOR MORE INFORMATION)
Reliance™-TC Type I
90° Outside Corner - V7521

1" GLAZING

AW-270 MULLION

WW-180-01 SHEAR BLOCKS

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

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

CONT. SEAL (BY OTHERS)

AW-309 ZONE PLUGS

GP-103 GASKETS TYP.

WW-115 FACE CAPS

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

3 3/4" D.L.O.

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V7521-90-Outside-Corner
Reliance™-TC Type I
135° Outside Corner - V7523

WW-233 MULLION

WW-180-02 SHEAR BLOCKS

WW-321 MULLION CAP @ HEAD & SILL, ATTACH W/ FS-320 DRIVE SCREWS

WW-308 ZONE PLUGS

WW-171 PRESSURE PLATE W/ GP-107 ISOLATOR, FIELD ATTACH W/ FS-325 @ 9" O.C.

WW-154 FACE CAP

GP-103 GASKETS TYP.

2 3/16"

D.L.O.
Reliance™-TC Type I
135° Inside Corner - V7527
Reliance™-TC Type I
SSG 90° Outside Corner w/ Cap - V7570

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

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

1" GLAZING

WW-180-01 SHEAR BLOCKS @ HORIZONTALS

LINE OF HORIZONTAL FACE CAP

3 25/32"

D.L.O.

1/2" 1"

WW-323 MULLION CAP, WW-312 ZONE BRIDGE

LINE OF HORIZONTAL FACE CAP

WW-240

CW-823

CW-823

WWW-323 MULLION CAP, WW-312 ZONE BRIDGE
Reliance™-TC Type I
SSG 90° Outside Corner - V7571

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

1" GLAZING

WW-823
WW-240

1" GLAZING

CW-230

WW-323 MULLION CAP,
WW-312 ZONE BRIDGE

BACKER ROD & SEALANT
(BY OTHERS)

3 25/32"

1 5/8"

D.L.O.

2 1/2"

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V7571-SSG-90-OSC

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Standard Curtain Wall
Steel Anchor - H0042

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H0042-Steel-Anchor
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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<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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<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</td>
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<tr>
<td>WW-103-08</td>
<td>WW-430/WW-431</td>
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"T" ANCHOR CHART

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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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<tr>
<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</td>
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<tr>
<td>WW-102-11</td>
<td>WW-430/WW-431</td>
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<tr>
<td>WW-102-13</td>
<td>WW-234</td>
</tr>
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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
Reliance™-TC Type I
Mullion Splice - H7443

6" SYSTEM DEPTH

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<th>MULLION</th>
<th>REAR SPLICE</th>
<th>FRONT SPLICE</th>
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<td>WW-420</td>
<td>CW-90</td>
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<td>WW-430</td>
<td>CW-542</td>
<td>WW-203-01</td>
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<td>WW-438</td>
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<td>WW-203-01</td>
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<tr>
<td>AW-270</td>
<td>AW-129-01</td>
<td>WW-203-01</td>
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<tr>
<td>WW-233</td>
<td>WW-213-01</td>
<td>WW-203-01</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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<tr>
<td>WW-520</td>
<td>CW-66</td>
<td>WW-203-01</td>
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<td>WW-530</td>
<td>CW-1496</td>
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<td>WW-531</td>
<td>CW-1496</td>
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<td>WW-538</td>
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<td>AW-270</td>
<td>AW-129-01</td>
<td>WW-203-01</td>
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<tr>
<td>WW-234</td>
<td>WW-214-01</td>
<td>WW-203-01</td>
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REFERENCE INSTALLATION MANUAL FOR ADDITIONAL SPLICE INFO.

NOTE: OMIT UPPER FASTENERS AT EXPANSION SPLICE

SEALANT (BY OTHERS)

SPLICE CENTERLINE

90° OUTSIDE CORNER

135° OUTSIDE CORNER

7-1/4" SYSTEM DEPTH

135° OUTSIDE CORNER

90° OUTSIDE CORNER

WW-430 / WW-530

WW-420 / WW-520

WW-431/ WW-531

WW-438 / WW-538
### 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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<tr>
<td>1/4&quot;</td>
<td>GP-103</td>
<td>GP-113</td>
<td>GP-103</td>
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<td>5/16&quot;</td>
<td>GP-103</td>
<td>GP-128</td>
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<tr>
<td>5/16&quot;</td>
<td>GP-117</td>
<td>GP-128</td>
<td>GP-117</td>
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<tr>
<td>3/8&quot;</td>
<td>GP-117</td>
<td>GP-128</td>
<td>GP-117</td>
</tr>
</tbody>
</table>

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

---

**135° CORNER**

WW-145 ADAPTOR, SET IN SEALANT

**90° CORNER**

AW-144 ADAPTOR, SET IN SEALANT & ATTACH W/ FS-6 @ 18" O.C.

SEE GLAZING CHART
### Reliance™-TC Type I
#### Vision Glazing Options - H7448

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

<table>
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<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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<tr>
<td>7/8&quot; (0.875)</td>
<td>GP-118</td>
<td>GP-118</td>
<td>GP-133</td>
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<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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</table>

**SEE GLAZING CHART**

**90° OUTSIDE CORNER**

**135° OUTSIDE CORNER**