STRUCTURAL GLASS SYSTEMS
STACKWALL® - MONOLITHIC GLASS

Table of Contents

Page 1 - Elevation
Page 2 - Section
Page 3 - Mainplate Head
Page 4 - Mainplate Sill
Page 5 - Mainplate Jamb
Page 6 - Mainplate at Fin
Page 7 - Mainplate at Fin Sill
Page 8 - Elevation at Fitting
Page 9 - Section at Fitting
Page 10 - Mainplate at Splice Plate
Page 11 - Section at Splice Plate
Page 12 - Section at Fin Head
Page 13 - Section at Fin Sill
Page 14 - Fin Head
Page 15 - Fin Sill

GENERAL NOTES:

1. Architect to provide design wind loads for project.

2. Glass sizes are to be determined by Oldcastle BuildingEnvelope®. Architect to provide glass specifications as required for project.

3. Oldcastle BuildingEnvelope® provides all glass, fittings, channel, shop drawings and engineering calculations for the structural glass system. Oldcastle BuildingEnvelope® does not provide installation.

4. Oldcastle BuildingEnvelope® is not responsible for the steel structure or design thereof.

5. All structural drawings for the project must be submitted and reviewed by Oldcastle BuildingEnvelope® for coordination purposes.
NOTE:
PANEL SIZES ARE TO BE DETERMINED
BY Oldcastle BuildingEnvelope®
PENDING CALCULATIONS.

SCALE: 1/4" = 1'-0"
NOTE:
FIN SIZES ARE TO BE DETERMINED BY Oldcastle BuildingEnvelope® PENDING CALCULATIONS.

SCALE: 1/4" = 1'-0"

R.O.  ROUGH OPENING
D.L.O. DAY LIGHT OPENING
G.S.  GLASS SIZE

STACKWALL® - MONOLITHIC GLASS SECTION
FASTENER (TBD)
BY Oldcastle BuildingEnvelope®

STRUCTURAL STEEL FASTENING
SURFACE (REQUIRED), BY OTHERS

SILICONE, BY OTHERS

SHIM, BY OTHERS

ALUMINUM STACKWALL CHANNEL
BY Oldcastle BuildingEnvelope®

ROD & SILICONE, BY OTHERS

TEMPERED MAINPLATE GLASS (TBD)
BY Oldcastle BuildingEnvelope®

R.O.  ROUGH OPENING
D.L.O.  DAY LIGHT OPENING
G.S.  GLASS SIZE

SCALE: 6" = 1'-0"
TEMPERED FIN GLASS (TBD),
BY Oldcastle BuildingEnvelope®

316 S.S. SPIDER FITTING,
BY Oldcastle BuildingEnvelope®

STRUCTURAL SILICONE,
BY OTHERS

TEMPERED MAINPLATE GLASS (TBD),
BY Oldcastle BuildingEnvelope®

G.S.

1/4"

NOTE:
SPIDER FITTING STYLE / TYPE
TO BE DETERMINED BY
Oldcastle BuildingEnvelope®,
AND MAY VARY FROM DETAIL.

R.O. ROUGH OPENING
D.L.O. DAY LIGHT OPENING
G.S. GLASS SIZE

SCALE: 6" = 1'-0"

MONOLITHIC GLASS STACKWALL
MAINPLATE AT FIN
TEMPERED FIN GLASS (TBD),
BY Oldcastle BuildingEnvelope®

316 S.S. SPIDER FITTING,
BY Oldcastle BuildingEnvelope®

SILICONE, BY OTHERS

TEMPERED MAINPLATE GLASS (TBD),
BY Oldcastle BuildingEnvelope®

G.S. / DLO  G.S. / DLO

NOTE:
SPIDER FITTING STYLE / TYPE
TO BE DETERMINED BY
Oldcastle BuildingEnvelope®
AND MAY VARY FROM DETAIL.

R.O.  ROUGH OPENING
D.L.O.  DAY LIGHT OPENING
G.S.  GLASS SIZE

SCALE: 3" = 1'-0"

STACKWALL® - MONOLITHIC GLASS
ELEVATION AT FITTING
TEMPERED MAINPLATE GLASS (TBD),
BY Oldcastle BuildingEnvelope®

TEMPERED FIN GLASS (TBD),
BY Oldcastle BuildingEnvelope®

316 S.S. SPIDER FITTING,
BY Oldcastle BuildingEnvelope®

SILICONE, BY OTHERS

STRUCTURAL SILICONE,
BY OTHERS

VARIES (PENDING CALCULATIONS)

NOTE:
SPIDER FITTING STYLE / TYPE
TO BE DETERMINED BY
Oldcastle BuildingEnvelope®
AND MAY VARY FROM DETAIL.

R.O.  ROUGH OPENING
D.L.O.  DAY LIGHT OPENING
G.S.  GLASS SIZE

SCALE: 3" = 1'-0"
JOINT SPLICE PLATES & COVERS WITH FRICTION PADS, BY Oldcastle BuildingEnvelope®

TEMPERED FIN GLASS (TBD), BY Oldcastle BuildingEnvelope®

316 S.S. SPIDER FITTING, BY Oldcastle BuildingEnvelope®

STRUCTURAL SILICONE, BY OTHERS

TEMPERED MAINPLATE GLASS (TBD), BY Oldcastle BuildingEnvelope®

NOTE:
SPIDER FITTING STYLE / TYPE TO BE DETERMINED BY Oldcastle BuildingEnvelope® AND MAY VARY FROM DETAIL.

R.O. ROUGH OPENING
D.L.O. DAY LIGHT OPENING
G.S. GLASS SIZE

SCALE: 3" = 1'-0"
TEMPERED MAINPLATE GLASS (TBD),
BY Oldcastle BuildingEnvelope®

TEMPERED FIN GLASS (TBD),
BY Oldcastle BuildingEnvelope®

316 S.S. SPIDER FITTING,
BY Oldcastle BuildingEnvelope®

JOINT SPLICE PLATES &
COVERS WITH FRICTION PADS,
BY Oldcastle BuildingEnvelope®

SILICONE, BY OTHERS

STRUCTURAL SILICONE,
BY OTHERS

VARIES (PENDING CALCULATIONS)

NOTE:
SPIDER FITTING STYLE / TYPE
TO BE DETERMINED BY
Oldcastle BuildingEnvelope®
AND MAY VARY FROM DETAIL.

R.O. ROUGH OPENING
D.L.O. DAY LIGHT OPENING
G.S. GLASS SIZE

SCALE: 3" = 1'-0"
FASTENER (TBD),
BY Oldcastle BuildingEnvelope®

STRUCTURAL STEEL FASTENING
SURFACE (REQUIRED), BY OTHERS

SHIM, BY OTHERS (MUST BE FULL
WIDTH AND LENGTH OF CHANNEL
AT FINS)

ALUMINUM STACKWALL CHANNEL,
BY Oldcastle BuildingEnvelope®

ROD & SILICONE, BY OTHERS

SILICONE, BY OTHERS

SHIM, BY OTHERS

ALUMINUM STACKWALL CHANNEL,
BY Oldcastle BuildingEnvelope®

VARIES (PENDING CALCULATIONS)

TEMPERED FIN GLASS (TBD),
BY Oldcastle BuildingEnvelope®

STRUCTURAL SILICONE,
BY OTHERS

TEMPERED MAINPLATE GLASS (TBD),
BY Oldcastle BuildingEnvelope®

R.O. ROUGH OPENING
D.L.O. DAY LIGHT OPENING
G.S. GLASS SIZE

SCALE: 3" = 1'-0"

STACKWALL® - MONOLITHIC GLASS
SECTION AT FIN HEAD
TEMPERED FIN GLASS (TBD),
BY Oldcastle BuildingEnvelope®

ROD & SILICONE, BY OTHERS

ALUMINUM STACKWALL CHANNEL,
BY Oldcastle BuildingEnvelope®

SHIM, BY OTHERS (MUST BE FULL
WIDTH AND LENGTH OF CHANNEL
AT FINS)

STRUCTURAL STEEL FASTENING
SURFACE (REQUIRED), BY OTHERS

FASTENER (TBD),
BY Oldcastle BuildingEnvelope®

R.O.
ROUGH OPENING

D.L.O.
DAY LIGHT OPENING

G.S.
GLASS SIZE

SCALE: 6" = 1'-0"