STRUCTURAL GLASS SYSTEMS
STACKWALL® - INSULATED GLASS

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

NOTE:
FIN SIZES ARE TO BE DETERMINED
BY Oldcastle BuildingEnvelope®
PENDING CALCULATIONS.

SCALE: 1/4" = 1'-0"
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 MAINPLATE GLASS (TBD)
BY Oldcastle BuildingEnvelope®

ROD & SILICONE, BY OTHERS

ALUMINUM STACKWALL CHANNEL
BY Oldcastle BuildingEnvelope®

SETTING BLOCK
BY Oldcastle BuildingEnvelope®

ALUMINUM SHIM BLOCK
BY Oldcastle BuildingEnvelope®

SHIM, BY OTHERS

SILICONE, BY OTHERS

STRUCTURAL FASTENING
SURFACE (REQUIRED), BY OTHERS

FASTENER & ANCHOR (TBD)
BY Oldcastle BuildingEnvelope®

3" MIN. FROM EDGE
(IF CONCRETE)
TEMPERED MAINPLATE GLASS (TBD),
BY Oldcastle BuildingEnvelope®

TEMPERED FIN GLASS (TBD),
BY Oldcastle BuildingEnvelope®

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

ROD & 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®

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

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

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®

VARIES

ROD & 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®

TEMPERED MAINPLATE GLASS (TBD),
BY Oldcastle BuildingEnvelope®

STRUCTURAL SILICONE,
BY OTHERS

TEMPERED FIN GLASS (TBD),
BY Oldcastle BuildingEnvelope®

VARIES (PENDING CALCULATIONS)

1 1/4"

3 5/8"

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

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

ROD & SILICONE, BY OTHERS

ALUMINUM STACKWALL CHANNEL,
BY Oldcastle BuildingEnvelope®

SETTING BLOCK,
BY Oldcastle BuildingEnvelope®

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

STRUCTURAL FASTENING
SURFACE (REQUIRED), BY OTHERS

FASTENER & ANCHOR (TBD),
BY Oldcastle BuildingEnvelope®

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

SCALE: 6" = 1'-0"