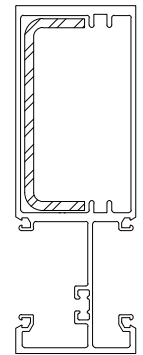
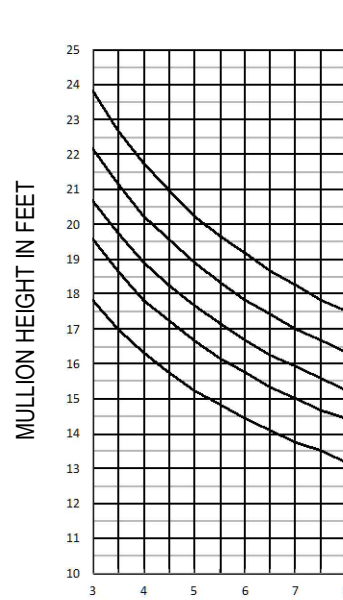
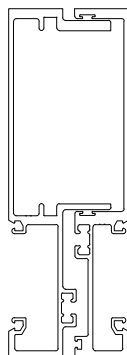
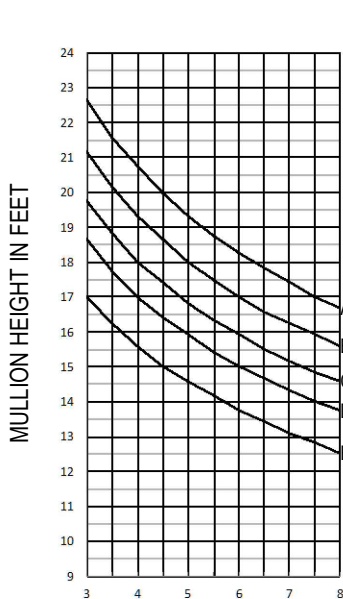


TH72530

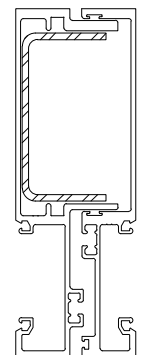
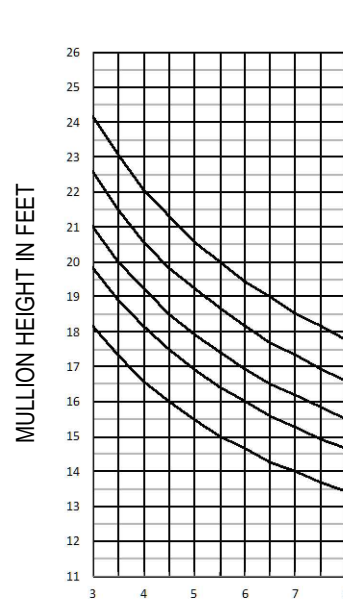


TH72530 WITH
STEEL REINFORCEMENT
1 1/4" X 4" X 3/16"

- Mullions are assumed to be single span, simple beam elements, uniformly loaded and adequately braced to prevent lateral-torsional buckling. All other complex design conditions shall be reviewed by Arcadia or a design professional.
- Aluminum extrusions shall be 6063-T6 alloy. Allowable stresses to be derived per Aluminum Design Manual. Deflection limitation of mullions shall be in accordance with AAMA TIR-A11 of L/175 for spans up to 13'-6" and L/240 + 1/4" for all others where L is equal to the span of mullion.
- A design professional shall be consulted to confirm that no lite of glass deflects more than H/175 or 3/4", whichever is less, where H indicates the height of glass.
- For mullions containing steel reinforcement, the reinforcement is assumed to be installed for the full length of the mullion. A design professional shall be consulted for instances where steel reinforcement is installed for a partial length of the mullion span.
- Windload pressure determinations shall be per ASCE 7 and according to local governing codes. A professional engineer shall be consulted for the most current laws and local building codes.
- Selection of perimeter fasteners and attachment of glazing system to building structure are project specific and therefore shall be reviewed and determined by a design professional.
- Arcadia assumes no responsibility for selecting the appropriate systems for specific projects.

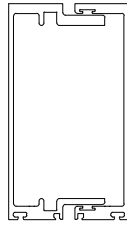
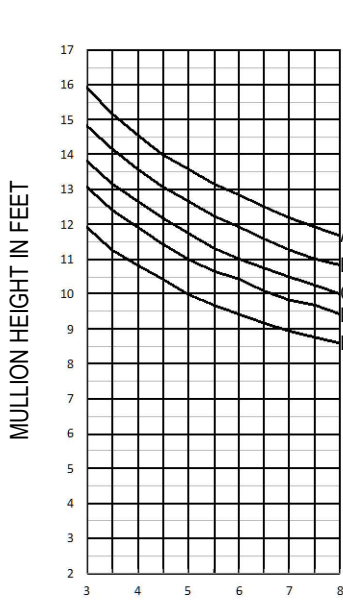


TH72586 / TH72584



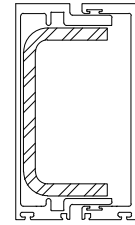
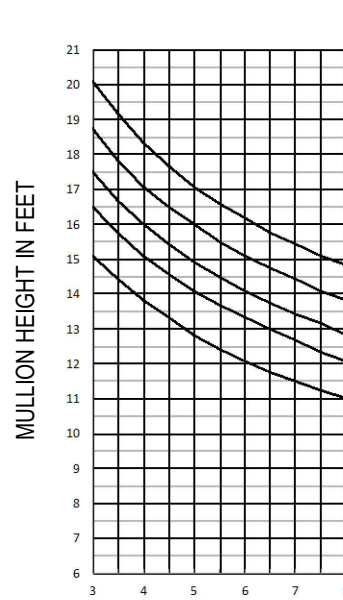
TH72586 / TH72584 WITH
STEEL REINFORCEMENT
1 3/4" X 3 1/2" X 10 GA.

Consult Your Local Arcadia Representative For Special Applications Not Covered By These Curves.



MULLION SPACING IN FEET

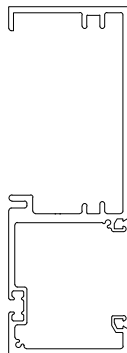
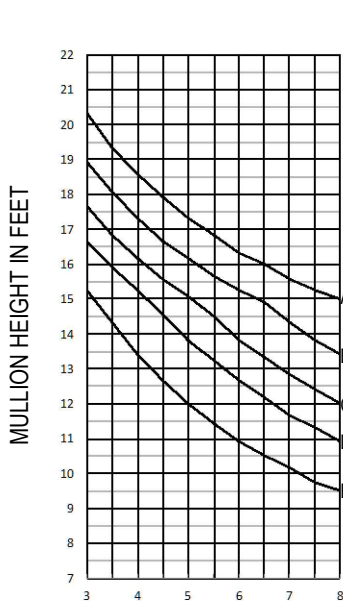
TH72588 / TH72587



MULLION SPACING IN FEET

TH72588 / TH72587 WITH STEEL REINFORCEMENT
1 3/4" X 3 1/2" X 1/4"

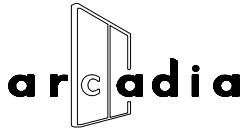
- Mullions are assumed to be single span, simple beam elements, uniformly loaded and adequately braced to prevent lateral-torsional buckling. All other complex design conditions shall be reviewed by Arcadia or a design professional.
- Aluminum extrusions shall be 6063-T6 alloy. Allowable stresses to be derived per Aluminum Design Manual. Deflection limitation of mullions shall be in accordance with AAMA TIR-A11 of L/175 for spans up to 13'-6" and L/240 + 1/4" for all others where L is equal to the span of mullion.
- A design professional shall be consulted to confirm that no lite of glass deflects more than H/175 or 3/4", whichever is less, where H indicates the height of glass.
- For mullions containing steel reinforcement, the reinforcement is assumed to be installed for the full length of the mullion. A design professional shall be consulted for instances where steel reinforcement is installed for a partial length of the mullion span.
- Windload pressure determinations shall be per ASCE 7 and according to local governing codes. A professional engineer shall be consulted for the most current laws and local building codes.
- Selection of perimeter fasteners and attachment of glazing system to building structure are project specific and therefore shall be reviewed and determined by a design professional.
- Arcadia assumes no responsibility for selecting the appropriate systems for specific projects.



MULLION SPACING IN FEET

TH72585

Consult Your Local Arcadia Representative For Special Applications Not Covered By These Curves.



Deadload Charts | UW770T Series

Description: 2 1/2" X 7 1/4" Captured Glazed for 1" Glass

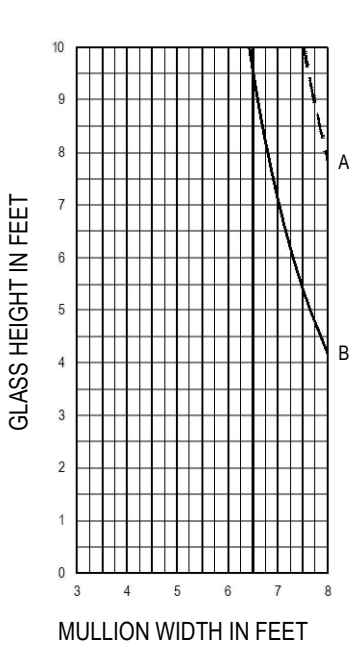
Function: Unitized Wall System

Detail: Design Criteria

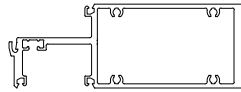
Scale: N.T.S.

Deadload Charts for 1" Glass (7.00 PSF)

SHEET 1 OF 1



$$I = 2.336 \text{ IN}^4$$
$$S = 1.812 \text{ IN}^3$$



TH72589 1" GLASS

CURVE REPRESENTATION

A (----) = 1/8 PTS.

B (—) = 1/4 PTS.