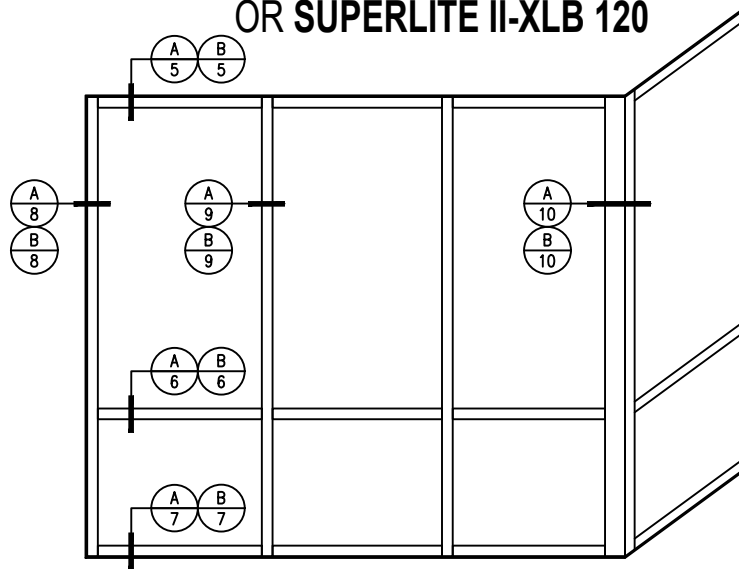


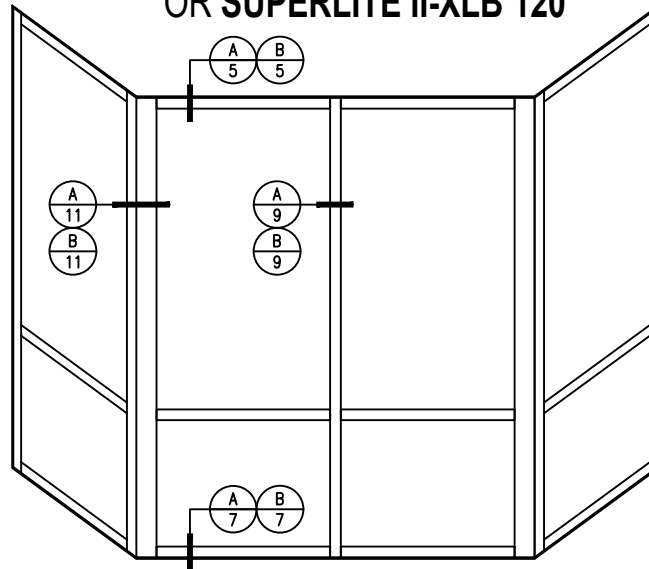
GPX ARCHITECTURAL SERIES

120 MINUTE FIRE RESISTIVE GPX WALL

GPX ARCHITECTURAL SERIES FIRE RESISTIVE WALL WITH SUPERLITE II-XL 120
OR SUPERLITE II-XLB 120



GPX ARCHITECTURAL SERIES FIRE RESISTIVE WALL - SEGMENTED WITH SUPERLITE II-XL 120
OR SUPERLITE II-XLB 120



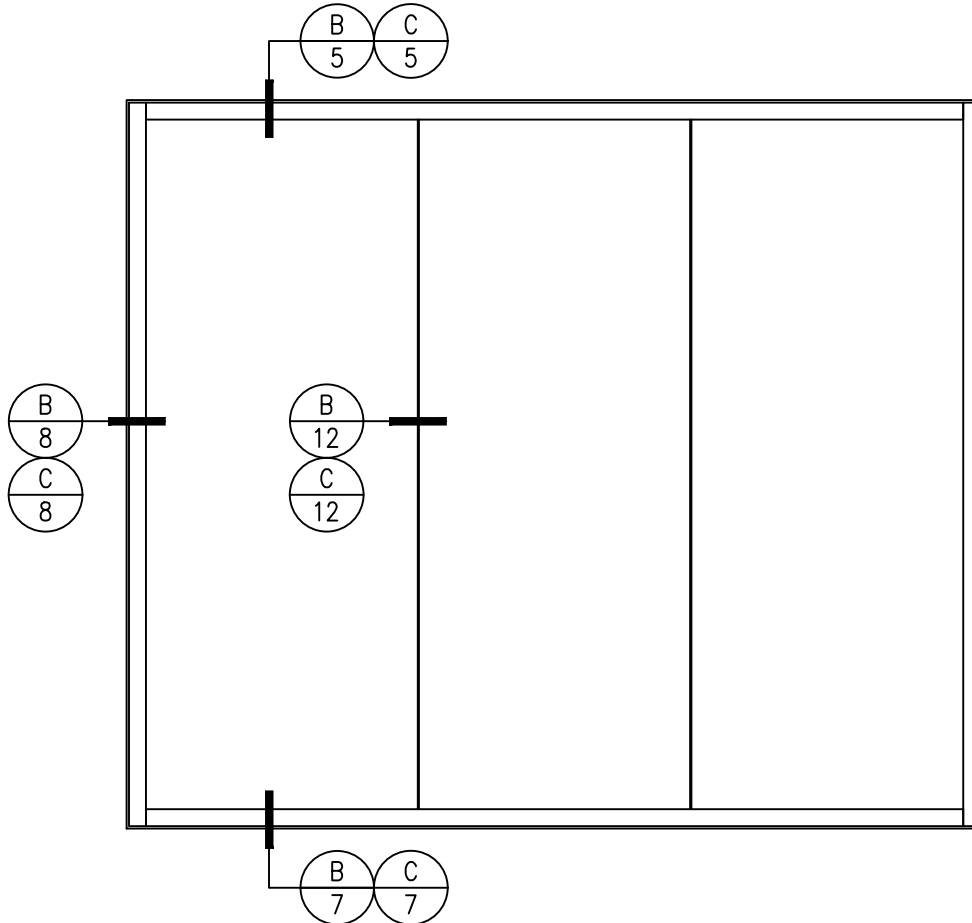
GLASS TYPE

- (A) SUPERLITE II-XL 120
MAX. CV AREA PER INDIVIDUAL LITE: **4,876 SQ. IN.**
MAX. CV HEIGHT OR WIDTH PER INDIVIDUAL LITE: **124 IN.**
- (B) SUPERLITE II-XLB 120
MAX. CV AREA PER INDIVIDUAL LITE: **7,980 SQ. IN.**
MAX. CV HEIGHT OR WIDTH PER INDIVIDUAL LITE: **133 IN.**

GPX ARCHITECTURAL SERIES

120 MINUTE *FIRE RESISTIVE* GPX WALL

GPX ARCHITECTURAL SERIES *FIRE RESISTIVE* BUTT-GLAZED WALL
WITH **SUPERLITE II-XLB 120** OR **SUPERLITE II-XLM 120**



GLASS TYPE

- (B) SUPERLITE II-XLB 120
MAX. CV AREA PER INDIVIDUAL LITE:
7,980 SQ. IN.
MAX. CV HEIGHT OR WIDTH PER
INDIVIDUAL LITE: **133 IN.**
- (C) SUPERLITE II-XLM 120
MAX. CV AREA PER INDIVIDUAL LITE:
4,256 SQ. IN.
MAX. CV HEIGHT PER INDIVIDUAL LITE: **122 IN.**
MAX. CV WIDTH PER INDIVIDUAL LITE: **38 IN.**

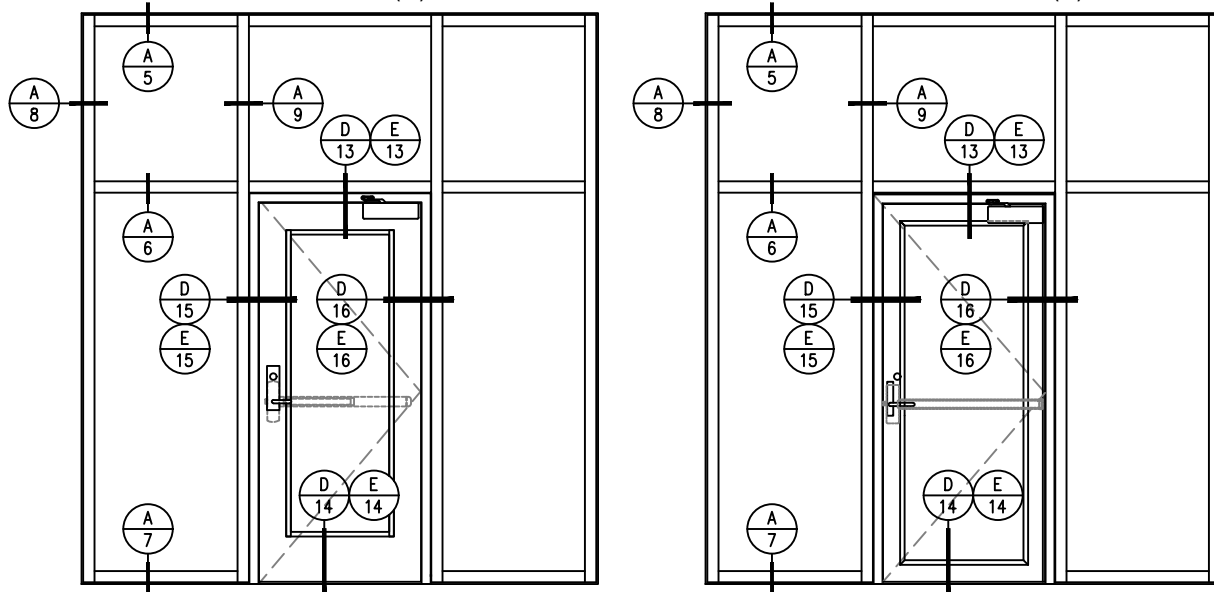
NOTICE:

SuperLite II-XLM is not warranted for exterior applications or when exposed to moisture. Not acceptable for use with pressure cap framing. Special precautions are necessary when handling and during installation due to breakage considerations. Optical and minor visual irregularities are deemed acceptable and not a reason for rejection. Special precaution must be taken to protect the fragile multiple layered thin annealed glass and the moisture barrier foil tape protecting the hydrophilic intumescent material within.

GPX ARCHITECTURAL SERIES

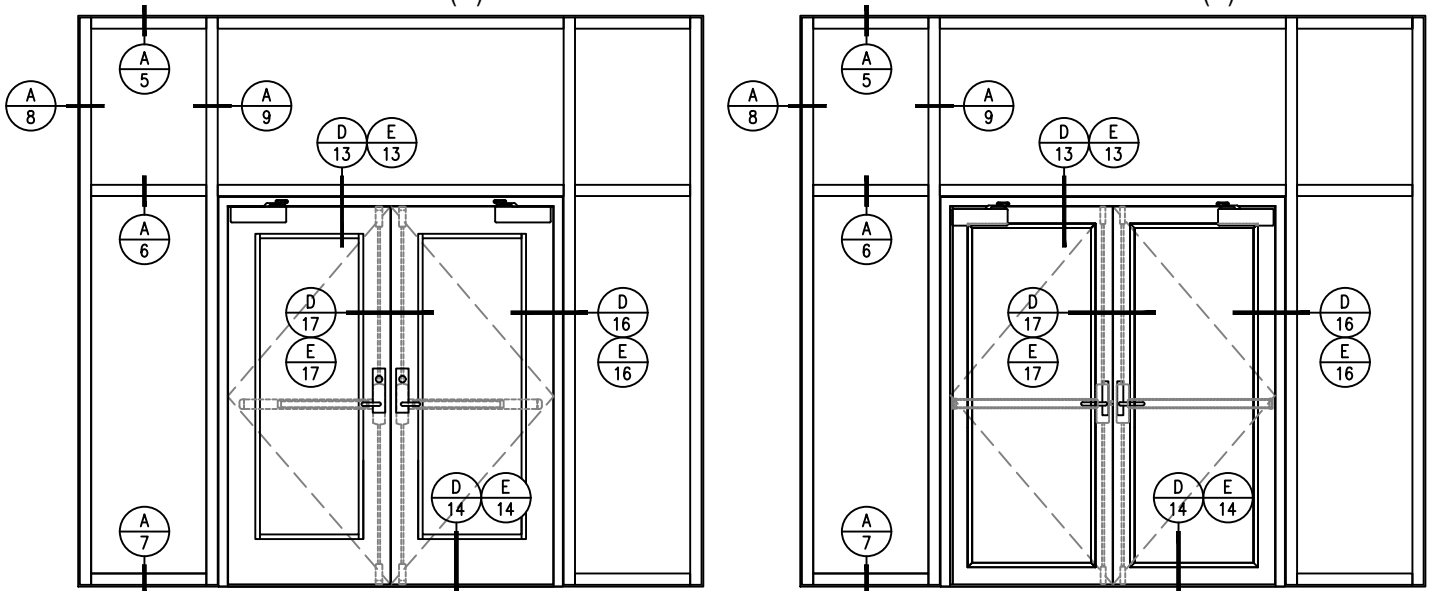
120 MINUTE *FIRE RESISTIVE* GPX SIDELITES/TRANSOMS WITH 90 MINUTE GPX BUILDERS SERIES *TEMPERATURE RISE* DOORS

GPX BUILDERS SERIES *TEMPERATURE RISE* SINGLE DOOR WITH SUPERLITE II-XL 90 STANDARD (D) NARROW STYLE (E)



MAX. DOOR OPENING SIZE FOR
SINGLE DOOR: **54 IN. X 120 IN.**

GPX BUILDERS SERIES *TEMPERATURE RISE* PAIR DOOR WITH SUPERLITE II-XL 90 STANDARD (D) NARROW STYLE (E)

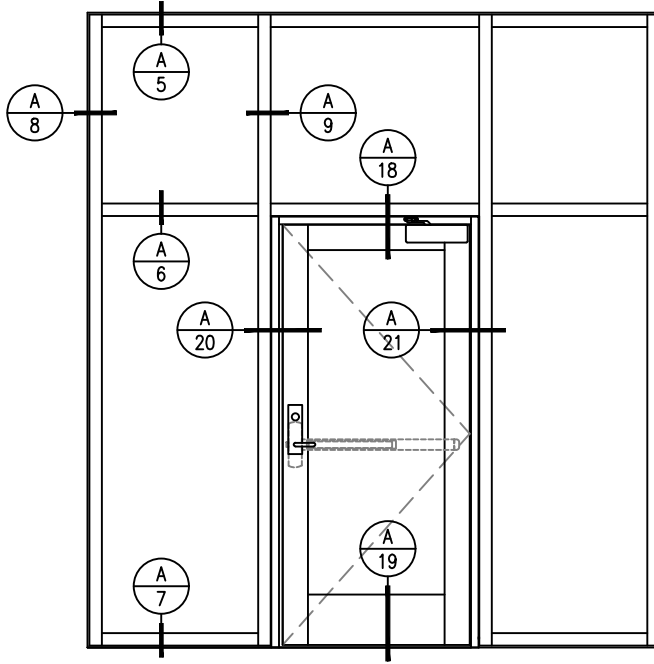


MAX. DOOR OPENING SIZE FOR
PAIR DOOR: **96 IN. X 120 IN.**

GPX ARCHITECTURAL SERIES

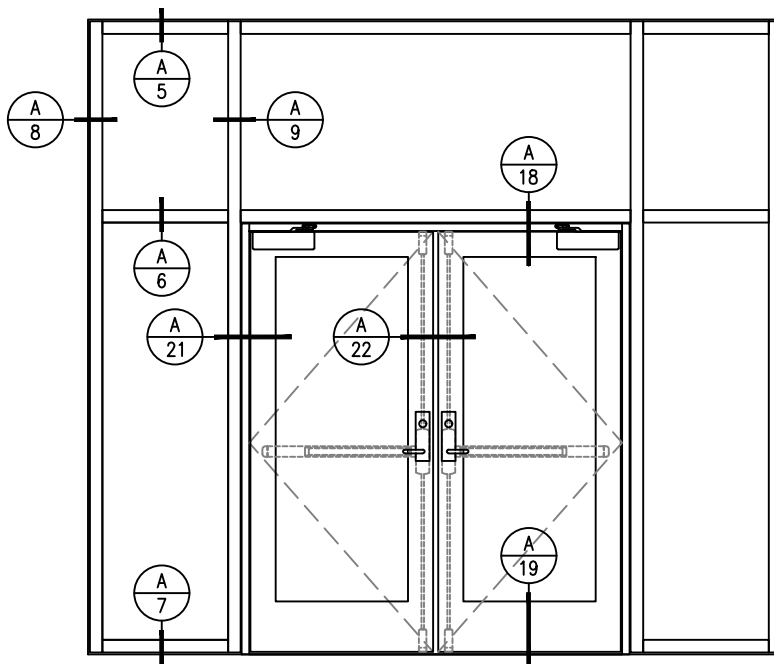
120 MINUTE *FIRE RESISTIVE* GPX SIDELITES/TRANSOMS WITH 90 MINUTE GPX ARCHITECTURAL SERIES *FIRE RESISTIVE* DOORS

GPX ARCHITECTURAL SERIES *FIRE RESISTIVE* SINGLE DOOR WITH SUPERLITE II-XL 90



MAX. DOOR OPENING SIZE FOR
SINGLE DOOR: 48 IN. X 108 IN.

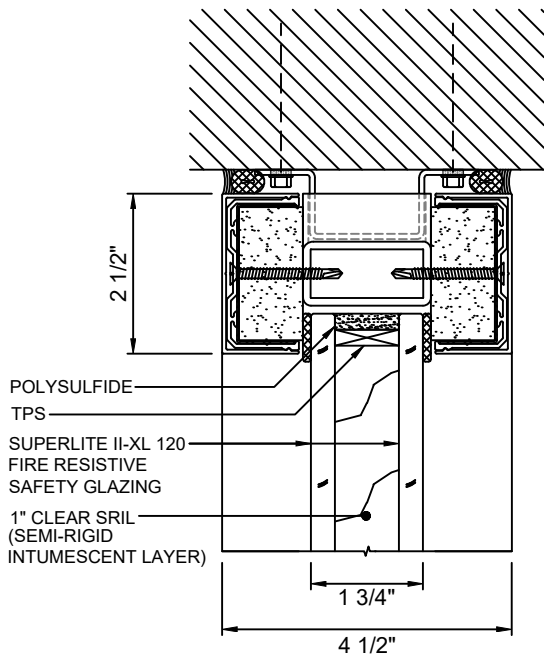
GPX ARCHITECTURAL SERIES *FIRE RESISTIVE* PAIR DOOR WITH SUPERLITE II-XL 90



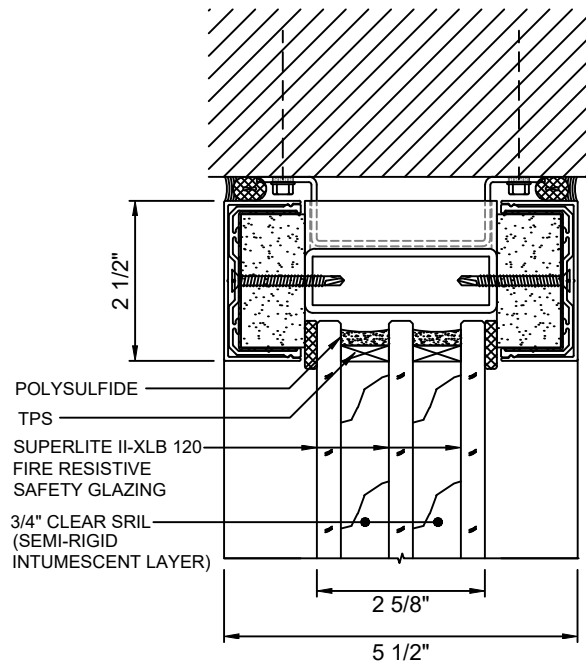
MAX. DOOR OPENING SIZE FOR
PAIR DOOR: 96 IN. X 106 IN.

GPX ARCHITECTURAL SERIES

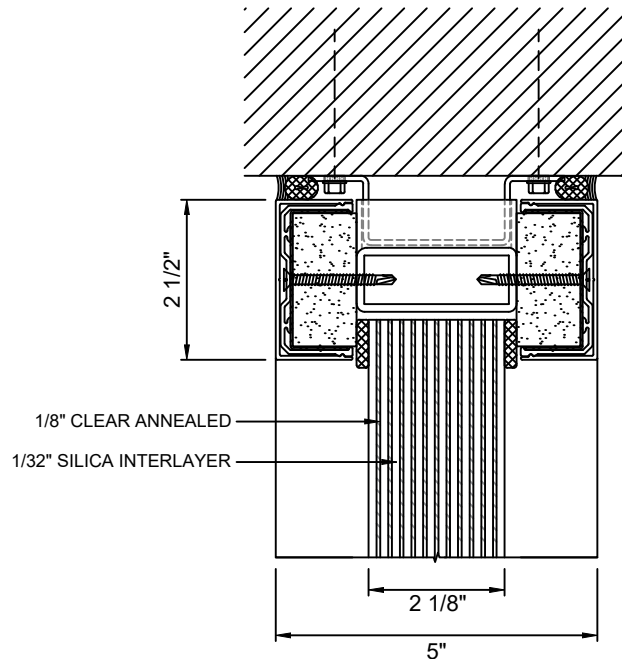
120 MINUTE FIRE RESISTIVE GPX WALL/ WINDOW



A HEAD DETAIL
5 WITH **SUPERLITE II-XL 120**



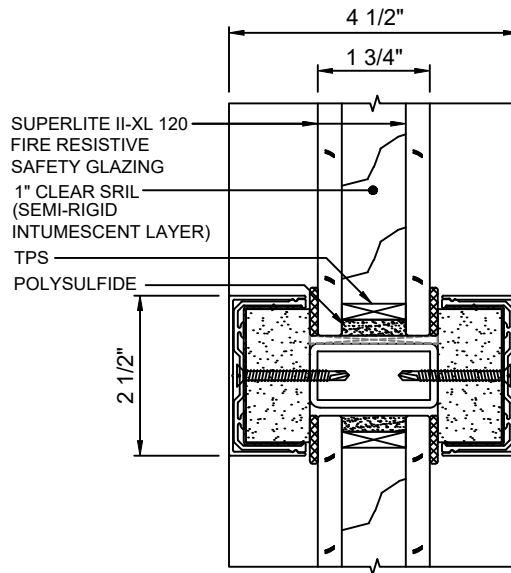
B HEAD DETAIL
5 WITH **SUPERLITE II-XLB 120**



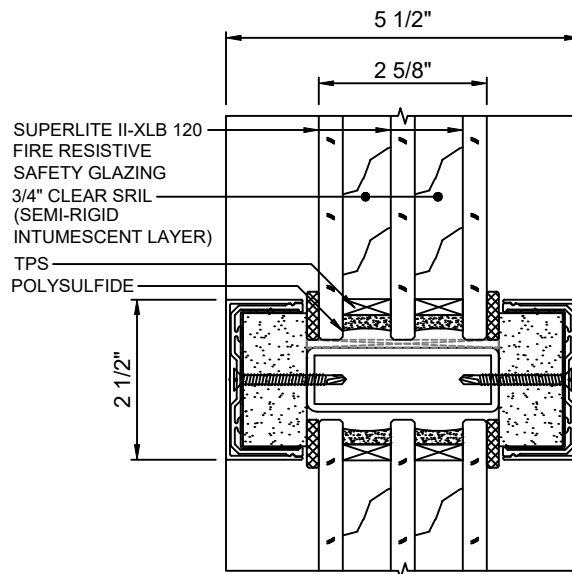
C HEAD DETAIL
5 WITH **SUPERLITE II-XLM 120**

GPX ARCHITECTURAL SERIES

120 MINUTE FIRE RESISTIVE GPX WALL/ WINDOW



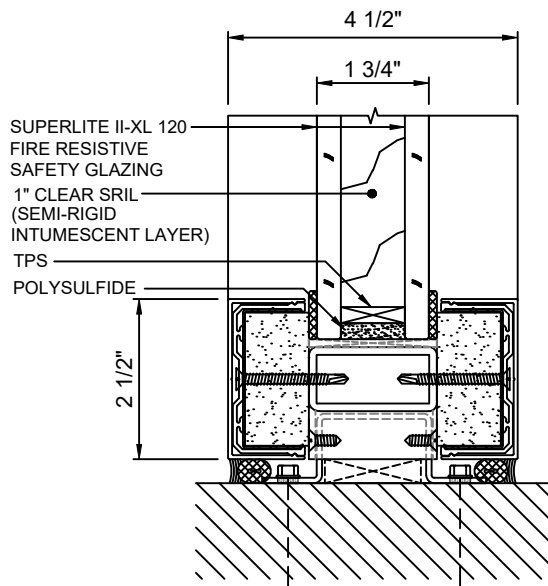
A HORIZONTAL MULLION
6 WITH **SUPERLITE II-XL 120**



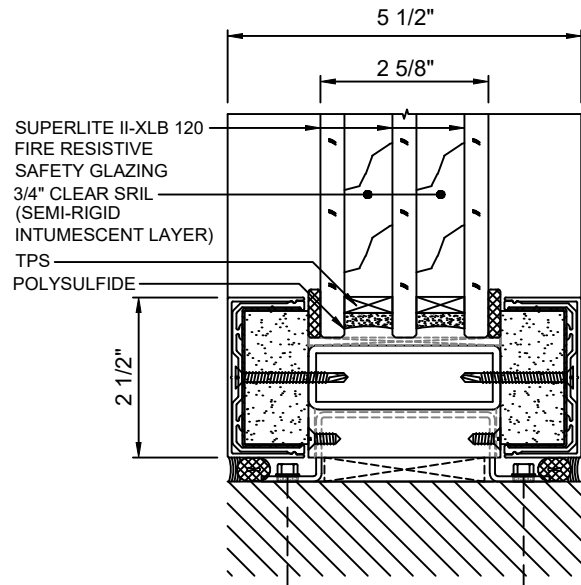
B HORIZONTAL MULLION
6 WITH **SUPERLITE II-XLB 120**

GPX ARCHITECTURAL SERIES

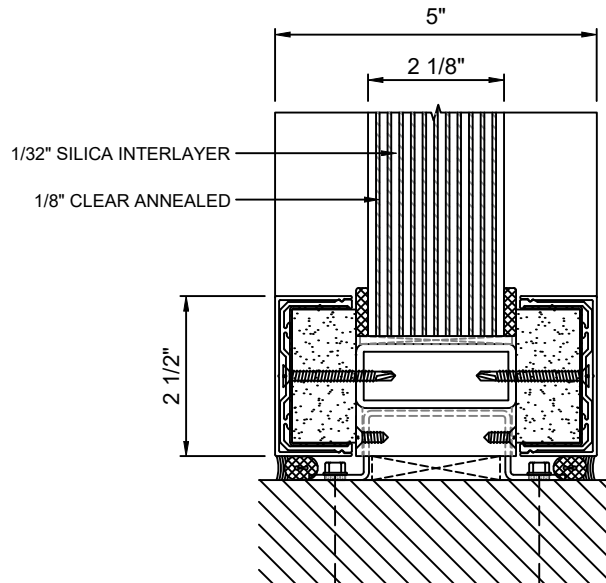
120 MINUTE FIRE RESISTIVE GPX WALL/ WINDOW



A
7 SILL DETAIL
WITH SUPERLITE II-XL 120



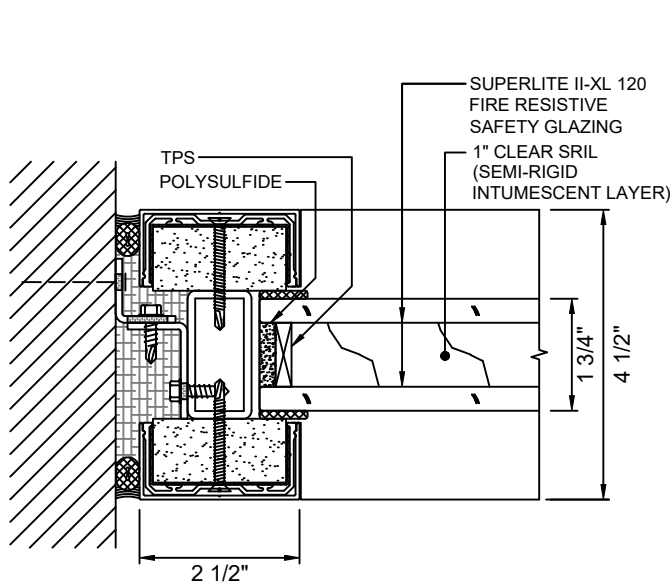
B
7 SILL DETAIL
WITH SUPERLITE II-XLB 120



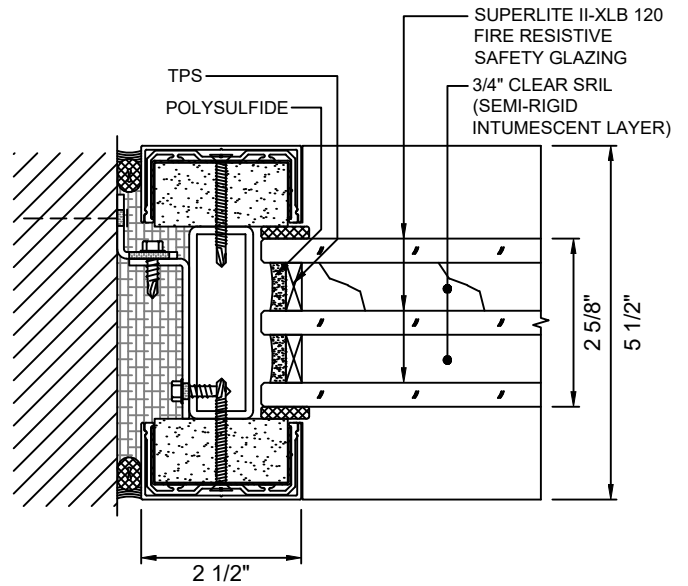
C
7 SILL DETAIL
WITH SUPERLITE II-XLM 120

GPX ARCHITECTURAL SERIES

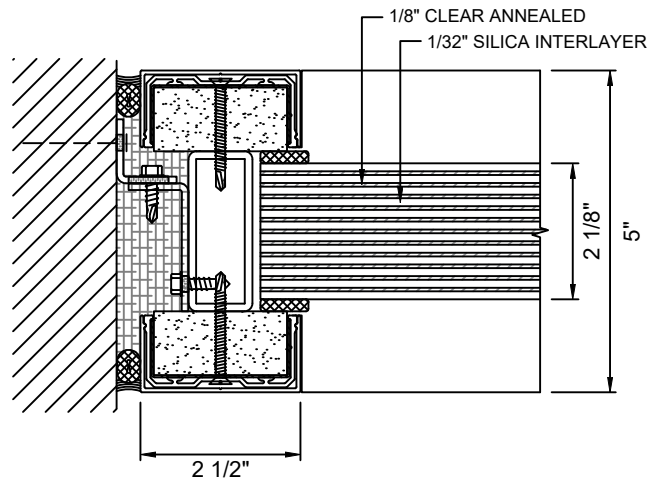
120 MINUTE FIRE RESISTIVE GPX WALL/ WINDOW



A
8 JAMB DETAIL
WITH **SUPERLITE II-XL 120**



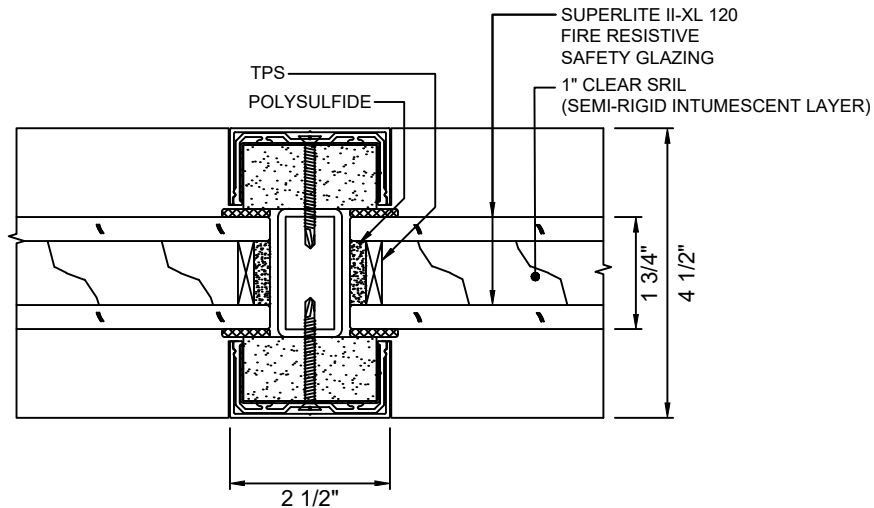
B
8 JAMB DETAIL
WITH **SUPERLITE II-XLB 120**



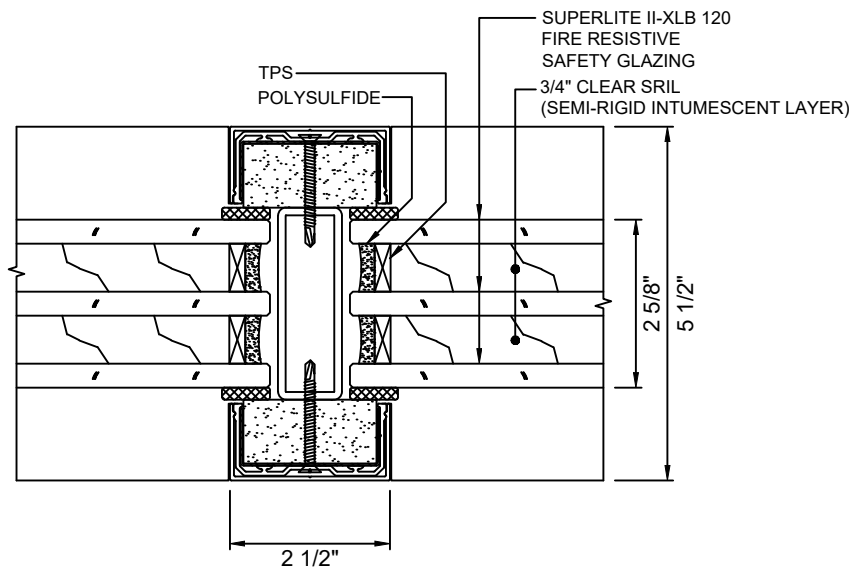
C
8 JAMB DETAIL
WITH **SUPERLITE II-XLM 120**

GPX ARCHITECTURAL SERIES

120 MINUTE FIRE RESISTIVE GPX WALL/ WINDOW



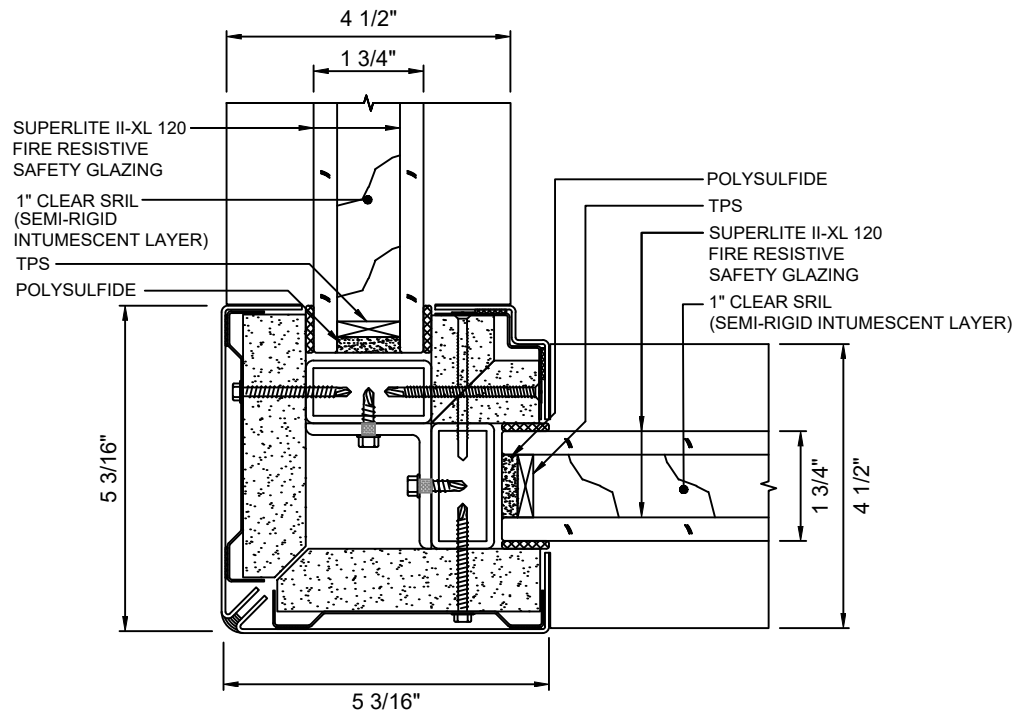
A
9 VERTICAL MULLION DETAIL
WITH **SUPERLITE II-XL 120**



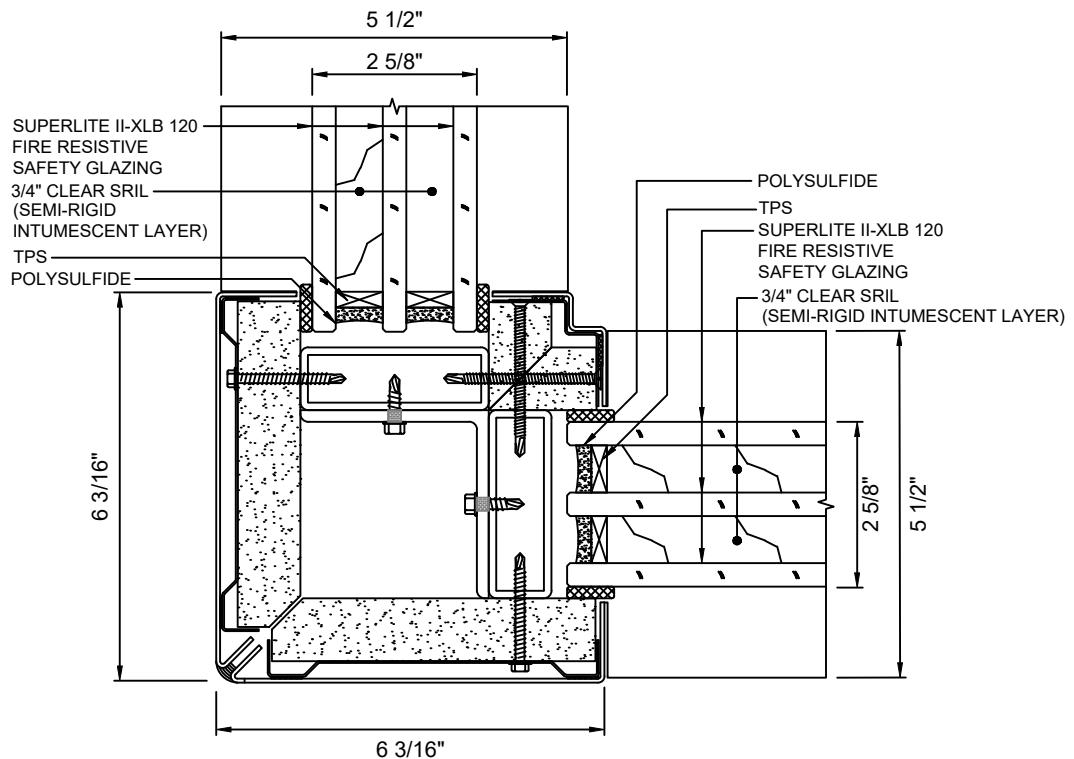
B
9 VERTICAL MULLION DETAIL
WITH **SUPERLITE II-XLB 120**

GPX ARCHITECTURAL SERIES

120 MINUTE FIRE RESISTIVE GPX WALL/ WINDOW



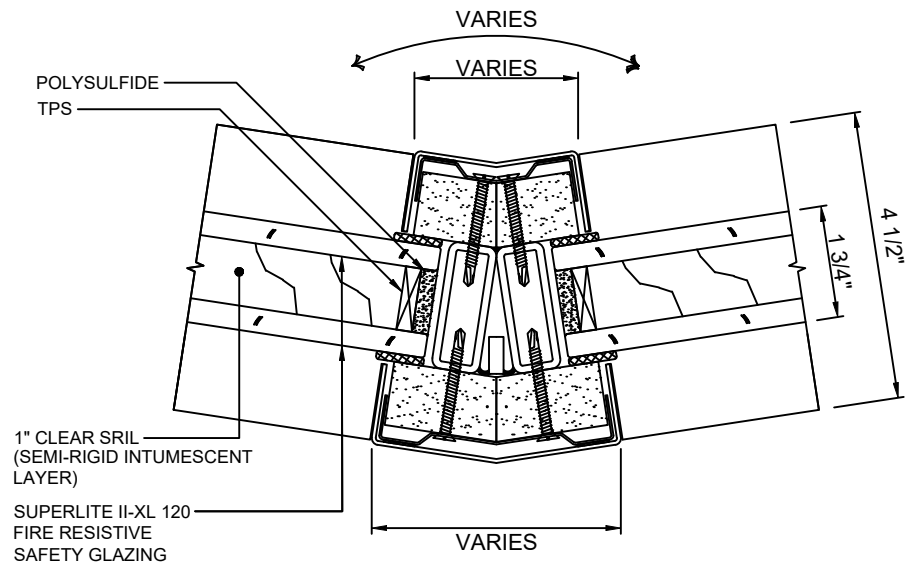
(A)
10 90° CORNER DETAIL
WITH SUPERLITE II-XL 120



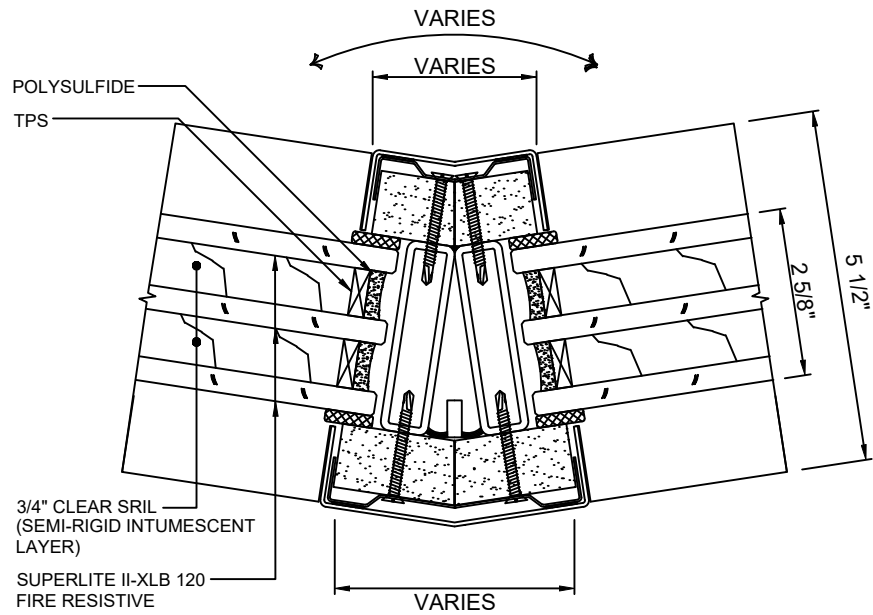
(B)
10 90° CORNER DETAIL
WITH SUPERLITE II-XLB 120

GPX ARCHITECTURAL SERIES

120 MINUTE FIRE RESISTIVE GPX WALL/ WINDOW



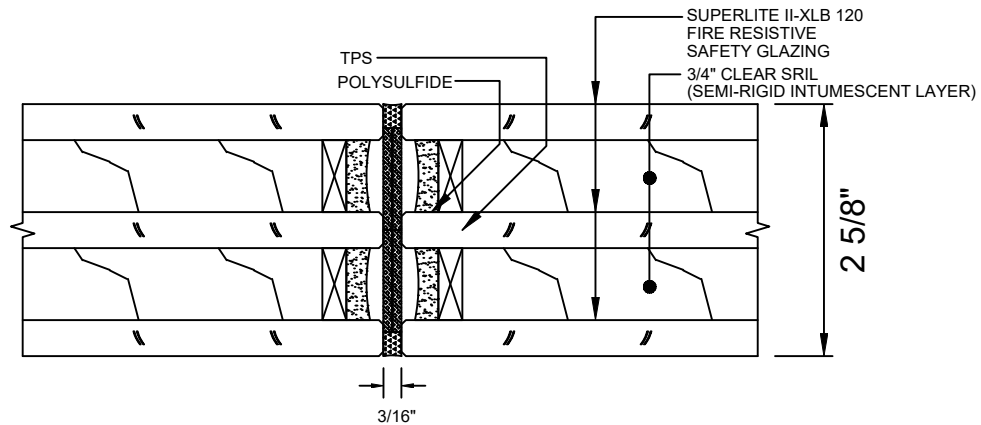
A SEGMENTED VERTICAL
11 WITH SUPERLITE II-XL 120



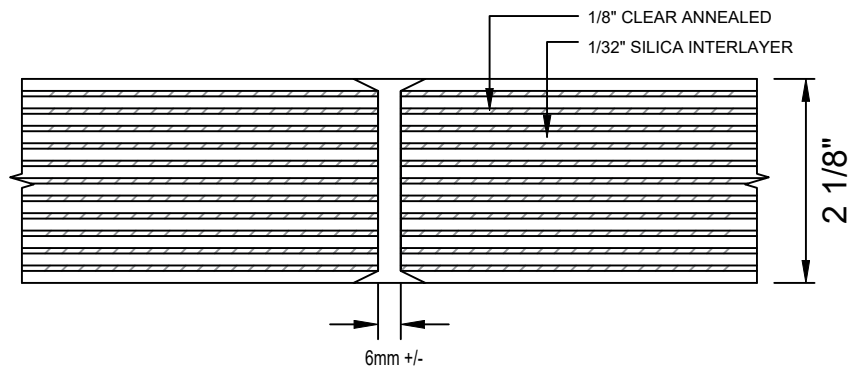
B SEGMENTED VERTICAL
11 WITH SUPERLITE II-XLB 120

GPX ARCHITECTURAL SERIES

120 MINUTE *FIRE RESISTIVE* GPX WALL/ WINDOW



B
12
**VERTICAL BUTT JOINT
WITH SUPERLITE II-XLB 120**



C
12
**VERTICAL BUTT JOINT
WITH SUPERLITE II-XLM 120**

120 MINUTE FIRE RESISTIVE GPX SIDELITES/TRANSOMS WITH
90 MINUTE GPX BUILDERS SERIES TEMPERATURE RISE DOORS

GPX BUILDERS SERIES DOOR NARROW STYLE

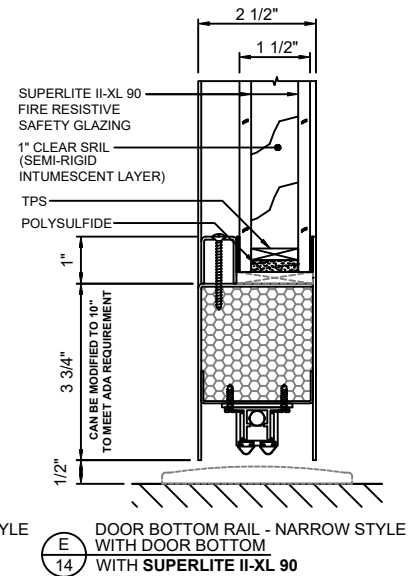
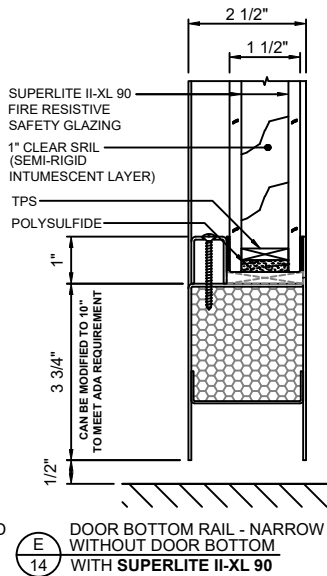
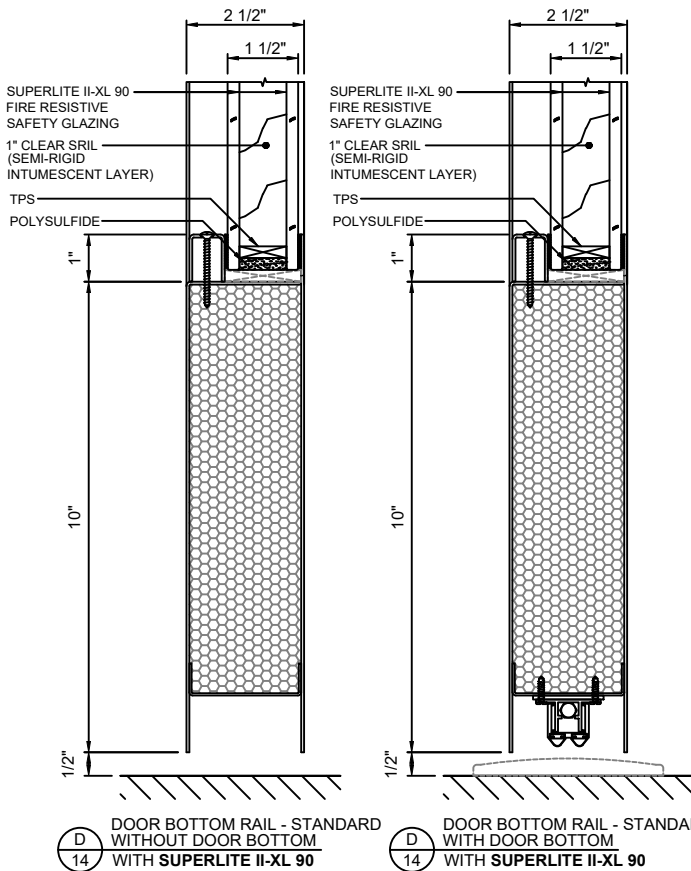


GPX ARCHITECTURAL SERIES

120 MINUTE *FIRE RESISTIVE* GPX SIDELITES/TRANSOMS WITH 90 MINUTE GPX BUILDERS SERIES *TEMPERATURE RISE* DOORS

GPX BUILDERS SERIES DOOR STANDARD WITH & WITHOUT DOOR BOTTOM

GPX BUILDERS SERIES DOOR NARROW STYLE WITH & WITHOUT DOOR BOTTOM



120 MINUTE FIRE RESISTIVE GPX SIDELITES/TRANSOMS WITH
90 MINUTE GPX BUILDERS SERIES TEMPERATURE RISE DOORS

GPX BUILDERS SERIES DOOR STANDARD

This technical cross-section diagram illustrates the construction of a fire-rated door assembly. The assembly includes a door frame, a door leaf, and two fire-rated glazing units. The glazing units are composed of a 1" clear SRIL (semi-rigid intumescent layer) and a Superlite II-XL 120 fire resistive safety glazing. The door leaf is constructed with a core of Superlite II-XL 90 fire resistive safety glazing. The door is sealed with TPS (thermo plastic seal) and polysulfide. The diagram shows the door in a closed position, with the glazing units installed in the frame. The door leaf is shown with a handle and a lock mechanism. The diagram includes various dimensions and labels for the components and materials used in the assembly.

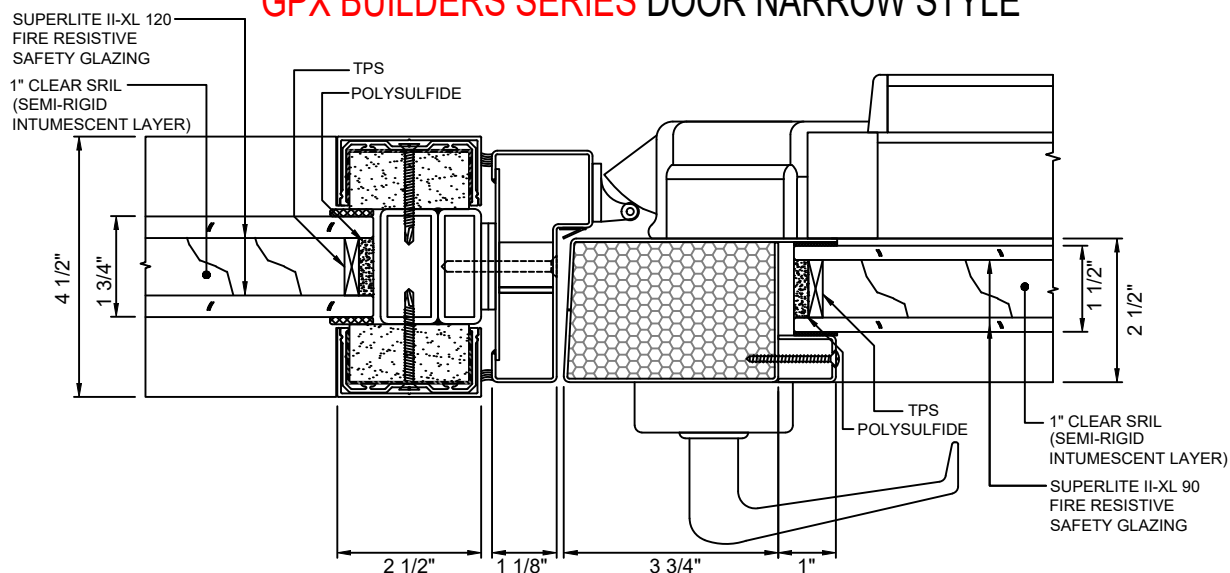
Labels:

- SUPERLITE II-XL 120 FIRE RESISTIVE SAFETY GLAZING
- 1" CLEAR SRIL (SEMI-RIGID INTUMESCENT LAYER)
- TPS
- POLYSULFIDE
- POLYSULFIDE
- TPS
- 1" CLEAR SRIL (SEMI-RIGID INTUMESCENT LAYER)
- SUPERLITE II-XL 90 FIRE RESISTIVE SAFETY GLAZING

Dimensions:

- 4 1/2"
- 1 3/4"
- 2 1/2"
- 3 1/16"
- 2"
- 6"
- 1"
- 1 1/2"
- 2 1/2"

GPX BUILDERS SERIES DOOR NARROW STYLE

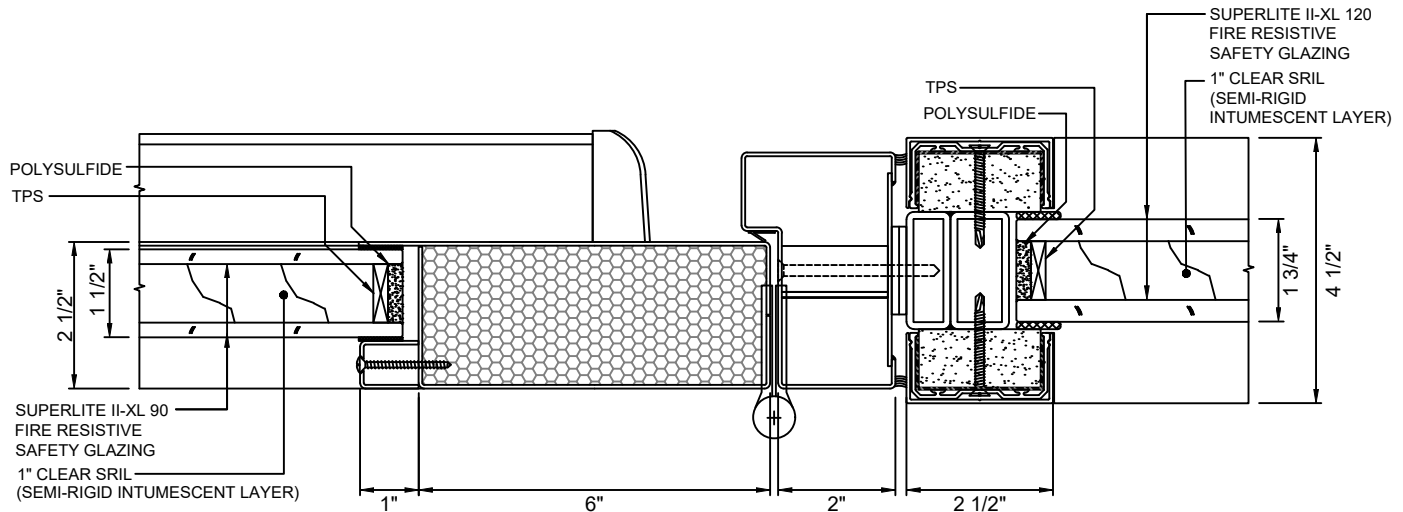


DOOR JAMB AT LOCK - NARROW STYLE
WITH **SUPERLITE II-XL 90 & II-XL 120**

GPX ARCHITECTURAL SERIES

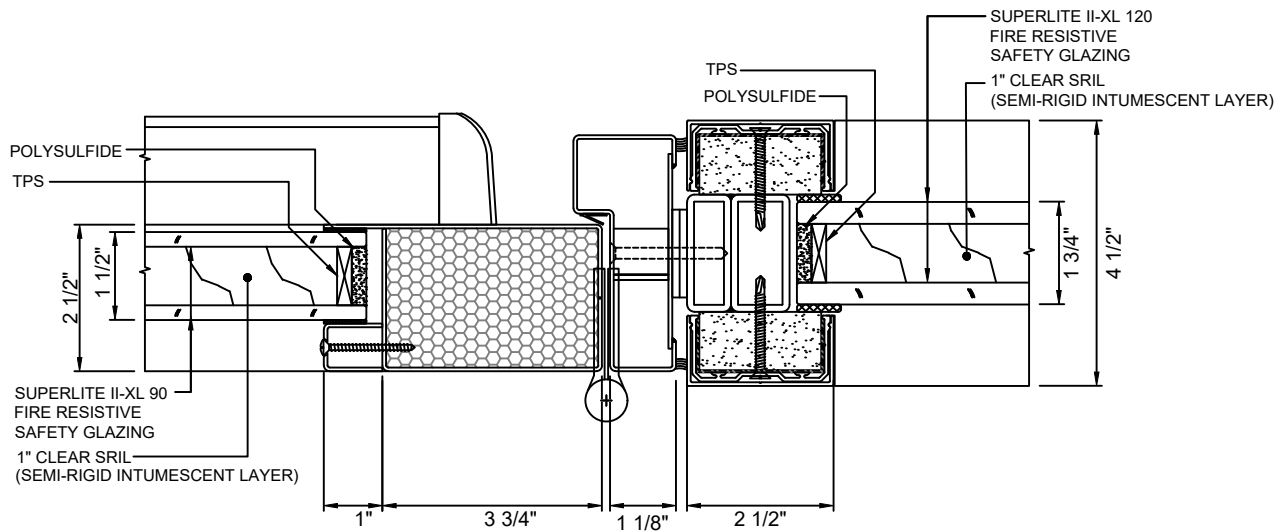
120 MINUTE FIRE RESISTIVE GPX SIDELITES/TRANSOMS WITH 90 MINUTE GPX BUILDERS SERIES TEMPERATURE RISE DOORS

GPX BUILDERS SERIES DOOR STANDARD



D DOOR JAMB AT HINGE - STANDARD
16 WITH SUPERLITE II-XL 90 & II-XL 120

GPX BUILDERS SERIES DOOR NARROW STYLE

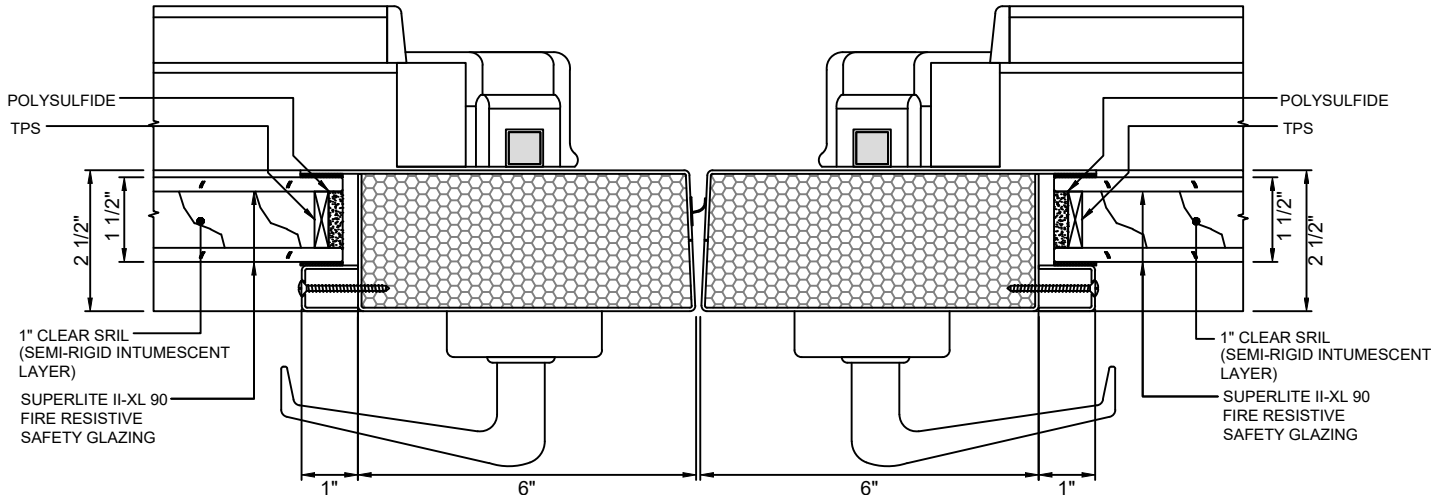


E DOOR JAMB AT HINGE - NARROW STYLE
16 WITH SUPERLITE II-XL 90 & II-XL 120

GPX ARCHITECTURAL SERIES

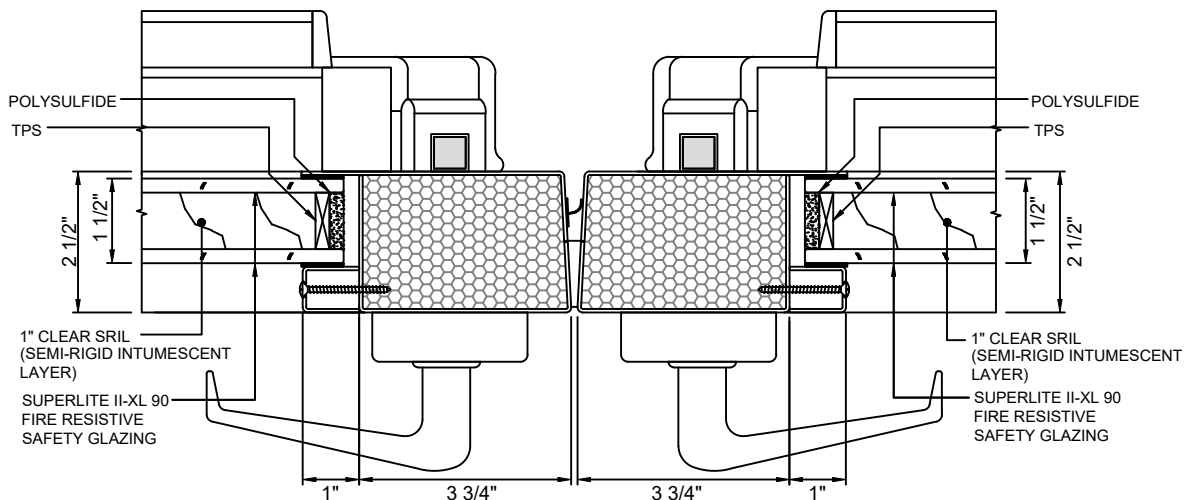
120 MINUTE *FIRE RESISTIVE* GPX SIDELITES/TRANSOMS WITH 90 MINUTE GPX BUILDERS SERIES *TEMPERATURE RISE* DOORS

GPX BUILDERS SERIES DOOR STANDARD



D MEETING STILES - STANDARD
17 WITH SUPERLITE II-XL 90

GPX BUILDERS SERIES DOOR NARROW STYLE

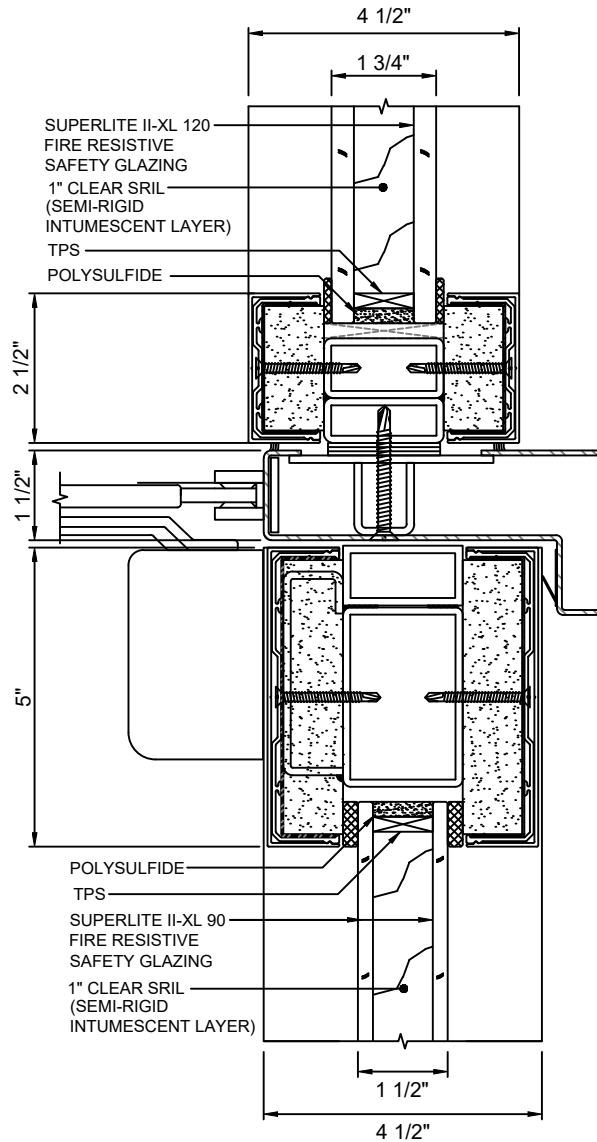


E MEETING STILES - NARROW STYLE
17 WITH SUPERLITE II-XL 90

GPX ARCHITECTURAL SERIES

120 MINUTE *FIRE RESISTIVE* GPX SIDELITES/TRANSOMS WITH 90 MINUTE GPX ARCHITECTURAL SERIES *FIRE RESISTIVE* DOORS

GPX ARCHITECTURAL SERIES DOOR STANDARD

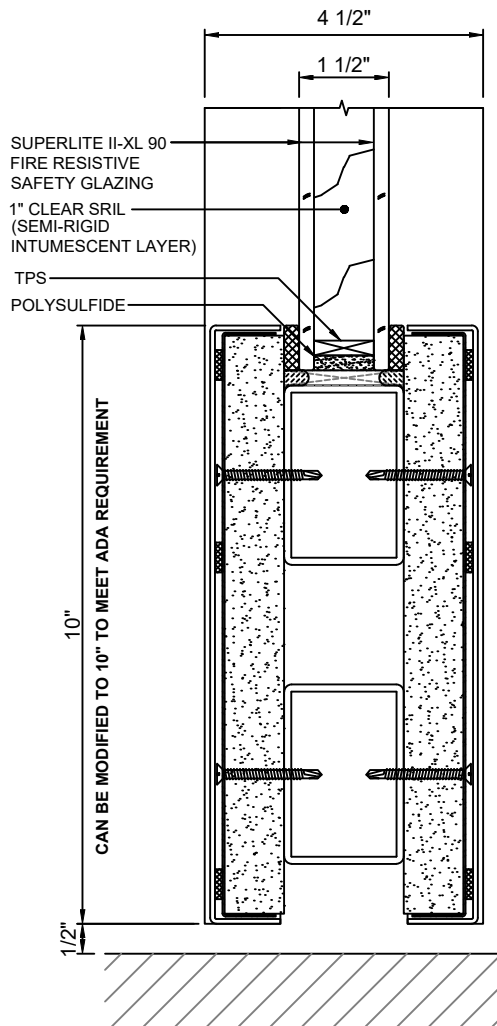


A DOOR TOP RAIL
18 WITH SUPERLITE II-XL 90 & II-XL 120

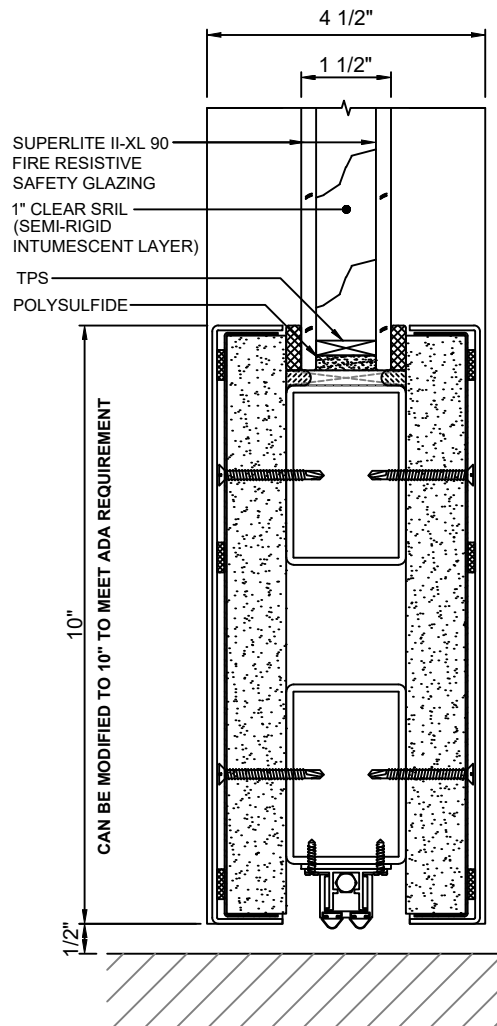
GPX ARCHITECTURAL SERIES

120 MINUTE *FIRE RESISTIVE* GPX SIDELITES/TRANSOMS WITH 90 MINUTE GPX ARCHITECTURAL SERIES *FIRE RESISTIVE* DOORS

GPX ARCHITECTURAL SERIES DOOR STANDARD WITH & WITHOUT DOOR BOTTOM



A
19 DOOR BOTTOM RAIL
WITHOUT DOOR BOTTOM
WITH SUPERLITE II-XL 90



A
19 DOOR BOTTOM RAIL
WITH DOOR BOTTOM
WITH SUPERLITE II-XL 90

**120 MINUTE *FIRE RESISTIVE* GPX SIDELITES/TRANSOMS WITH
90 MINUTE GPX ARCHITECTURAL SERIES *FIRE RESISTIVE* DOORS**

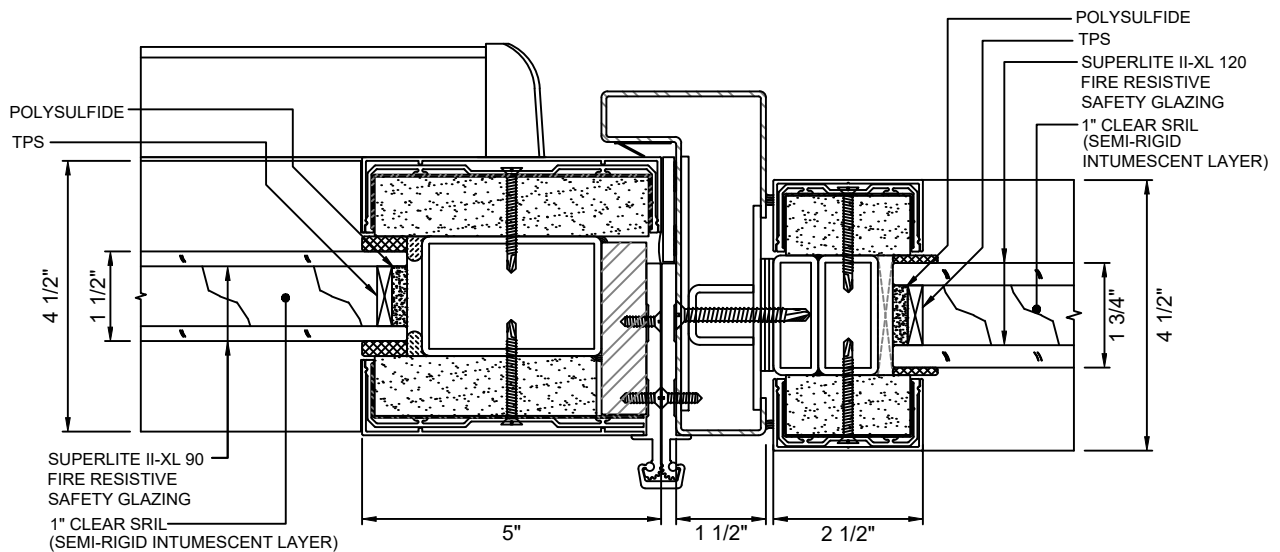
A DOOR JAMB AT LOCK
20 WITH **SUPERLITE II-XL 90 & II-XL 120**



GPX ARCHITECTURAL SERIES

120 MINUTE *FIRE RESISTIVE* GPX SIDELITES/TRANSOMS WITH 90 MINUTE GPX ARCHITECTURAL SERIES *FIRE RESISTIVE* DOORS

GPX ARCHITECTURAL SERIES DOOR STANDARD

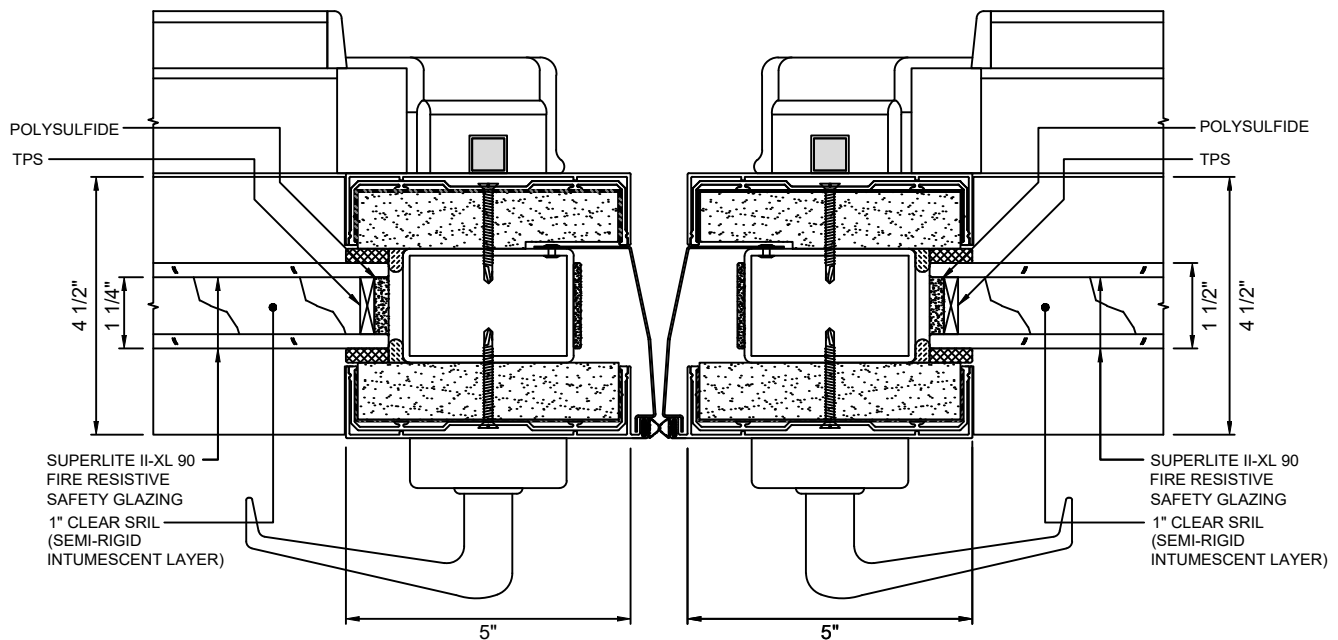


A
21 DOOR JAMB AT HINGE
WITH SUPERLITE II-XL 90 & II-XL 120

GPX ARCHITECTURAL SERIES

120 MINUTE *FIRE RESISTIVE* GPX SIDELITES/TRANSOMS WITH 90 MINUTE GPX ARCHITECTURAL SERIES *FIRE RESISTIVE* DOORS

GPX ARCHITECTURAL SERIES DOOR STANDARD



A MEETING STILES
22 WITH **SUPERLITE II-XL 90**