

14.01

14000 Series Flush Glaze

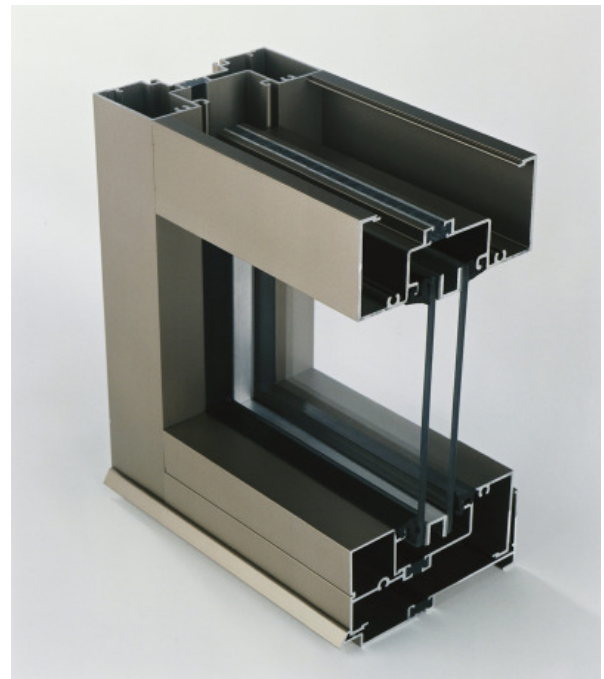
Description



Description

Tubelite T14000 Series Framing is a 2" x 4 1/2" deep flush glazed storefront system for use on first floor applications. This dry glazed internally drained framing can be glazed with 1" insulated glass or panels positioned in the center of the frame. Glass pocket reducers can be used to glaze infill thicknesses of 1/4" to 1/2"

A poured and de-bridged thermal break provides industry standard Condensation Resistance and limits thermal conduction. The thermal pocket also employs the Azon Lance for prevention of dry shrink of the polyurethane barrier.



14.02

14000 Series Flush Glaze

Guide Specifications

General

Description

Furnish all necessary materials, labor and equipment for the complete installation of aluminum framing as shown on the drawings and specified herein.

Fixed window framing shall be 14000 Series Flush Glaze (2" x 4 1/2") as manufactured by Tubelite Inc., Walker, Michigan. Whenever substitute products are to be considered, supporting technical literature, samples drawings and performance data must be submitted ten (10) days prior to bid in order to make a valid comparison of the products involved.

Test reports certified by an independent laboratory must be made available upon request.

Performance Requirements

Air infiltration shall not exceed .06 CFM/Ft² when tested in accordance with ASTM E-283 at a test pressure of 6.24 PSF.

There shall be no uncontrolled water entry when tested in accordance with ASTM E-331 "Water Penetration of Exterior Windows, Curtainwalls and Doors by Uniform Static Air Pressure Difference" at a test pressure of 15 PSF.

There shall be no uncontrolled water entry when tested in accordance with AAMA 501.1-94 at a dynamic pressure equivalent of 15 PSF.

Structural performance per ASTM E330 shall be based on a maximum allowable deflection of L/175 of the span or 3/4" maximum. The system shall perform to those criteria under a wind load of (architect specify) _____ PSF.

There shall be no buckling, stress on glass, edge seal failure, excess stress on curtainwall structure, anchors and fasteners or reduction in performance when tested in accordance with AAMA 501.5-98 at a temperature range of 0° to 180° F.

There shall be no "Life/Safety" type failures (glass breakage, anchor failures, or structural damage) when tested in accordance with AAMA 501.4, seismic test (lateral cycling.)

Thermal transmittance due to conduction (U_c) shall be 0.40 - poured & debridged (see AAMA 507-12 test report B6911.03-116-45) BTU/Hr/Ft²/F degrees. Condensation Resistance Factor (CRF) shall not be less than 54 - poured & debridged only (or 53 - slotted only) when tested in accordance with AAMA 1503-98.

The system shall have a Sound Transmission

Class (STC) rating of 32 and an Outdoor-Indoor Transmission Class (OITC) rating of 26 when tested in accordance with ASTM E90-97, ASTM E413-87 (reapproved 1994) and ASTM E1332-90.

Products

Materials

Extrusions shall be of aluminum alloy 6063-T5 extruded within commercial tolerance and free from defects impairing strength and/or durability. Main framing sections to be of .075 inch minimum wall thickness and glazing stop moldings of .060 inch thickness.

Screws, bolts and all other accessories to be compatible with the aluminum under normal service conditions.

Glazing shall be by means of an exterior and interior roll-in wedge of high quality extruded elastomeric material.

Optional: Thermal barrier shall be a two part chemically curing, unfilled polyurethane casting resin poured in place for perimeter members. Intermediate vertical members shall be slotted for efficient thermal performance.

Finish

All exposed framing surfaces shall be free of scratches and other serious blemishes.

Finish to be: (architect select)

Etched and clear anodized

(AAM12C22A31)

Clear - Class 2 (C2)

(AAM12C22A41)

Clear - Class 1 (C1)

Electrolytically deposited color

(AAM12C22A44) Class 1

Champagne (CH)

Medium Bronze (MB)

Dark Bronze (DB)

Extra Dark Bronze (EB)

Black (BL)

Fluoropolymer (70%) painted color _____.

Execution

Installation

Shall be in accordance with the manufacturer's installation instructions and the approved shop drawings.

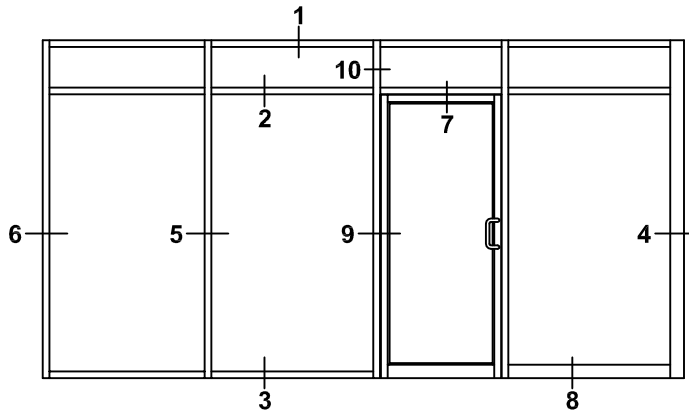
Note:

In keeping with Tubelite's policy of continuing product improvements, all specifications are subject to change without written notice by the manufacturer.

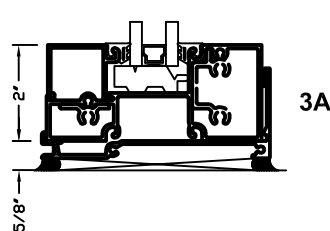
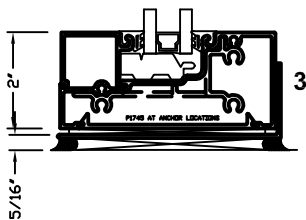
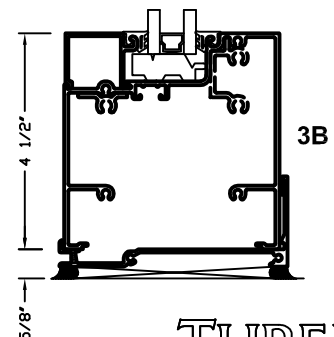
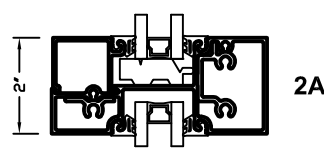
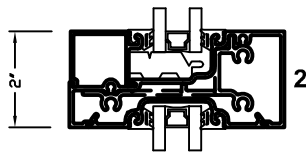
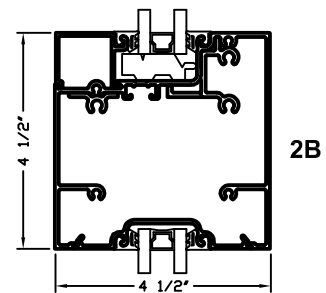
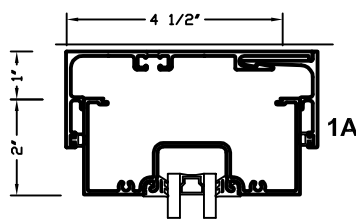
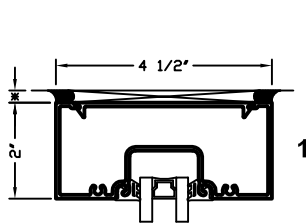
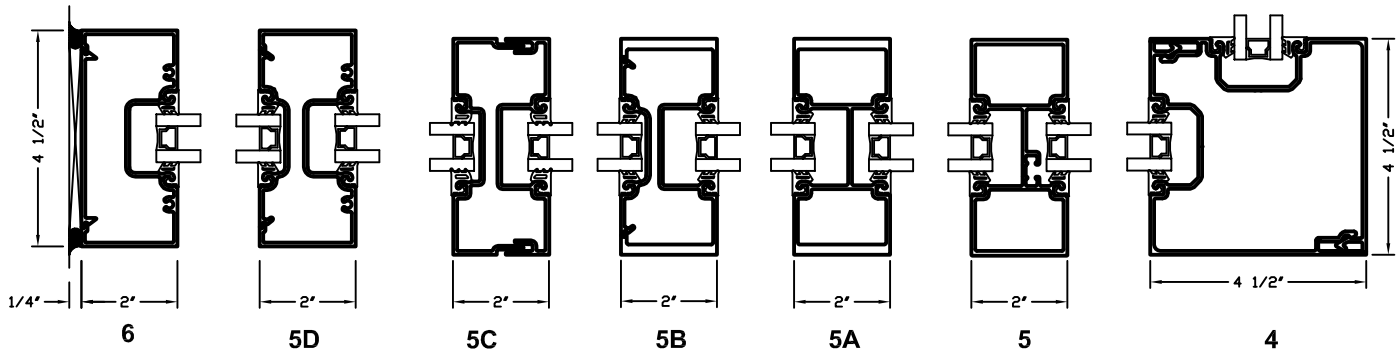
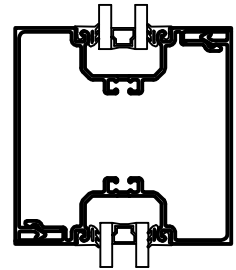
14.03

E14000 Series Flush Glaze

Elevation & 1/4 Size Details



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190ELEV



*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

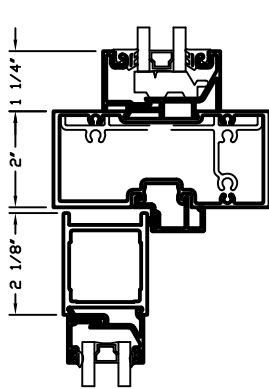
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2013

14.04

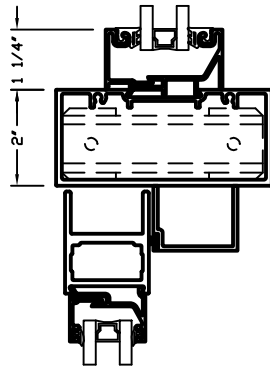
E14000 Series Flush Glaze

1/4 Size Details

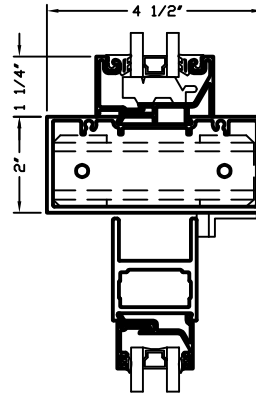
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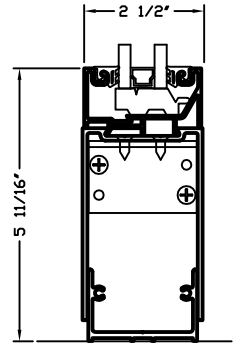
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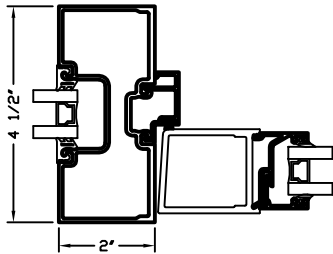
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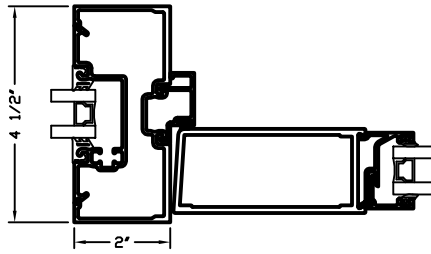
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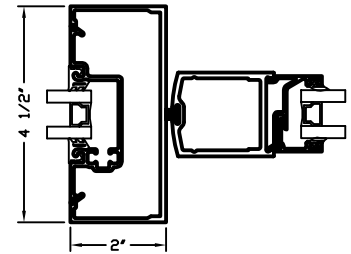
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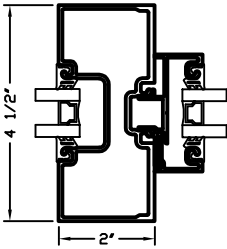
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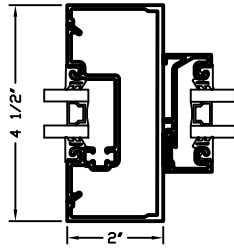
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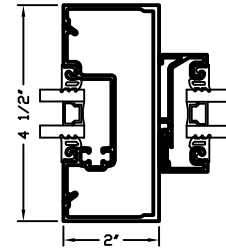
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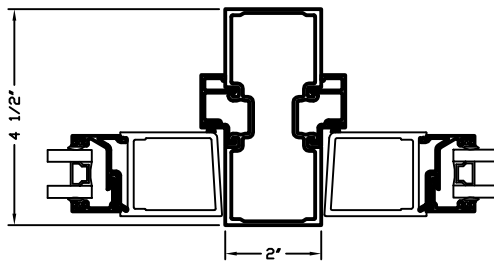
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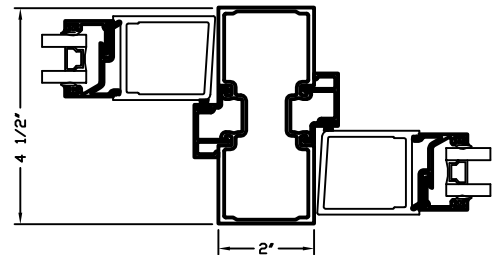
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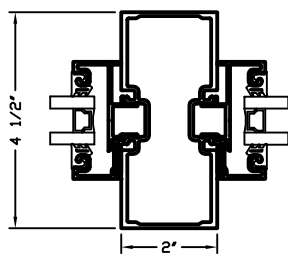
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9D

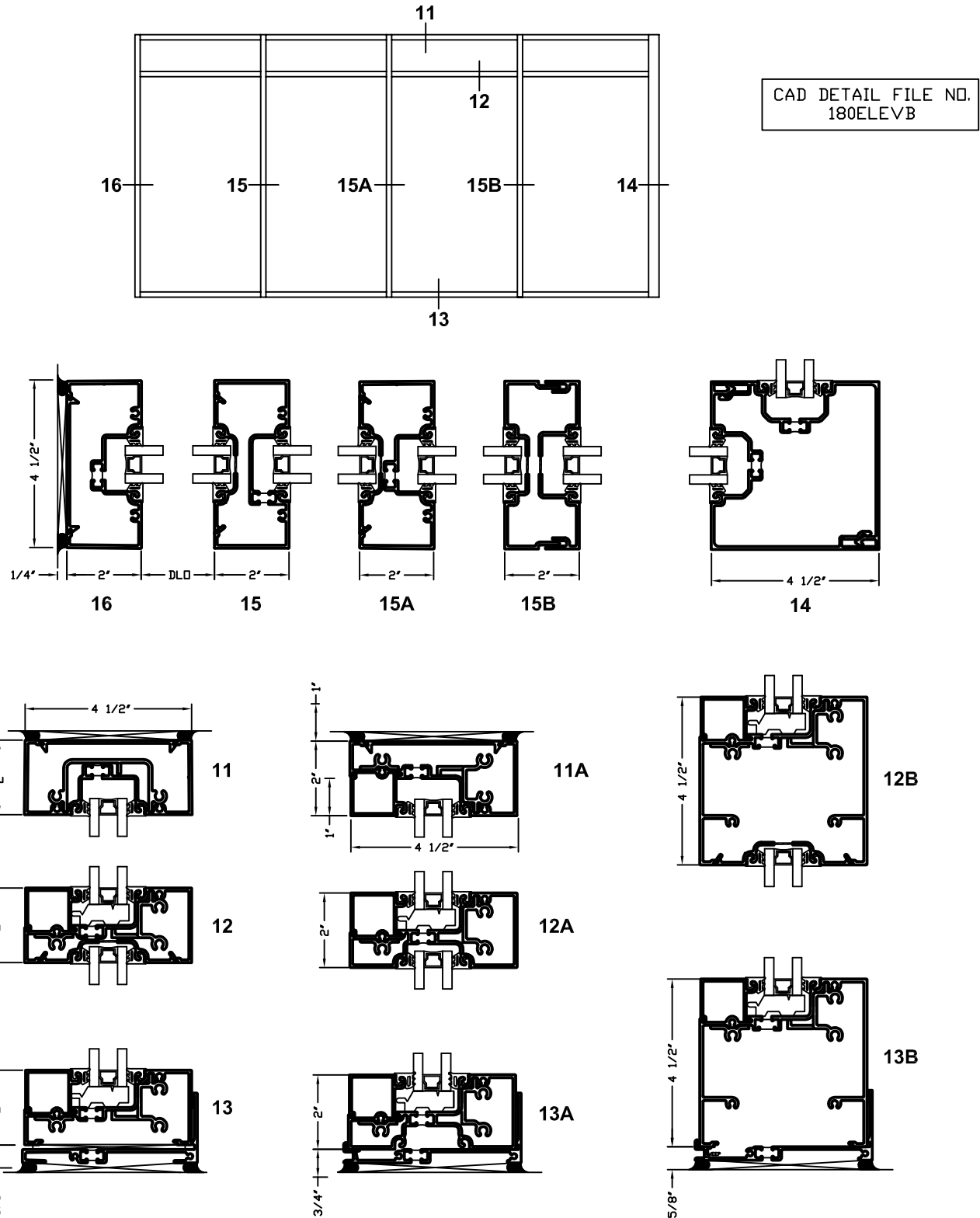


10C

14.05

T14000 Series Flush Glaze

Elevation & 1/4 Size Details



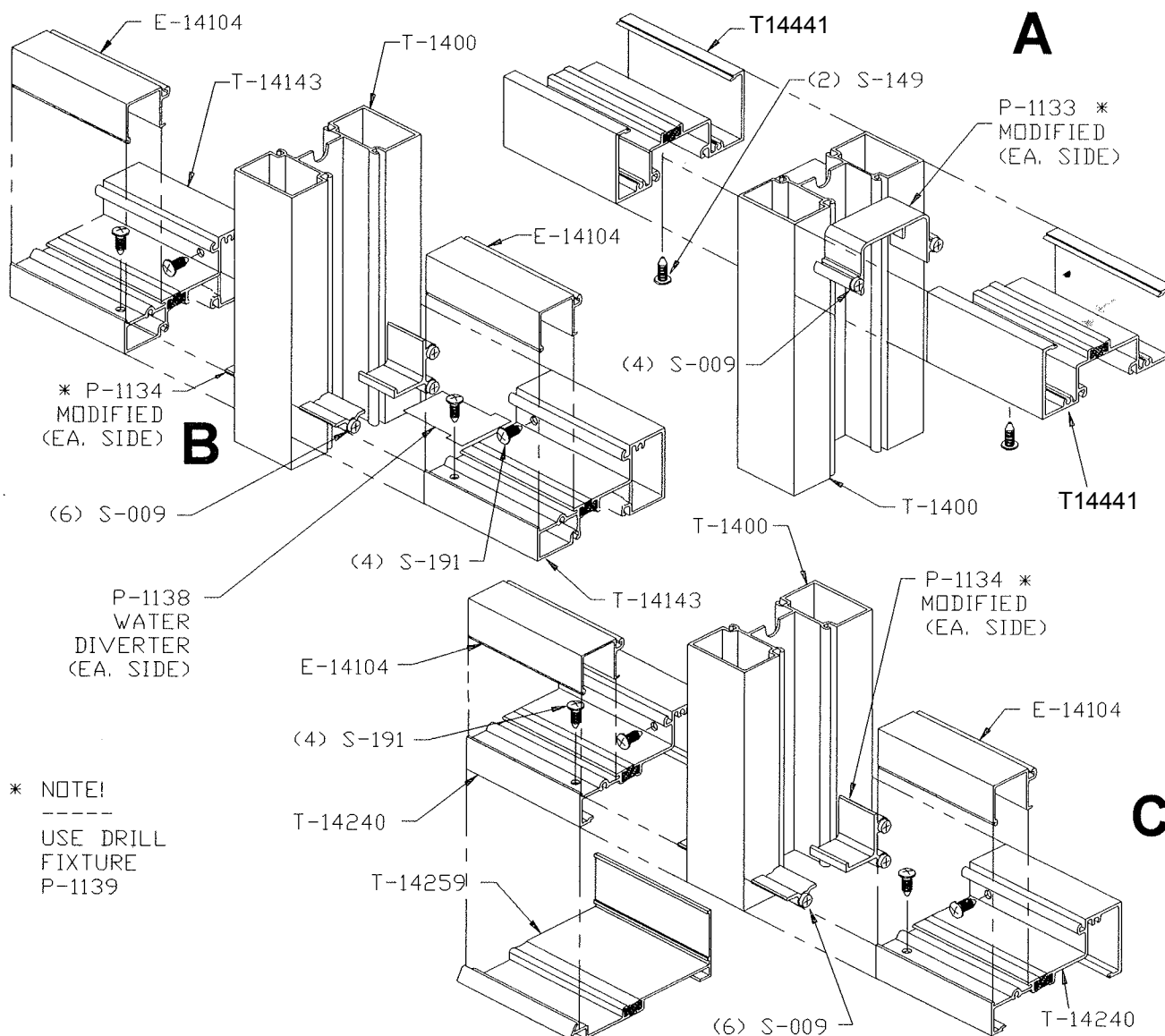
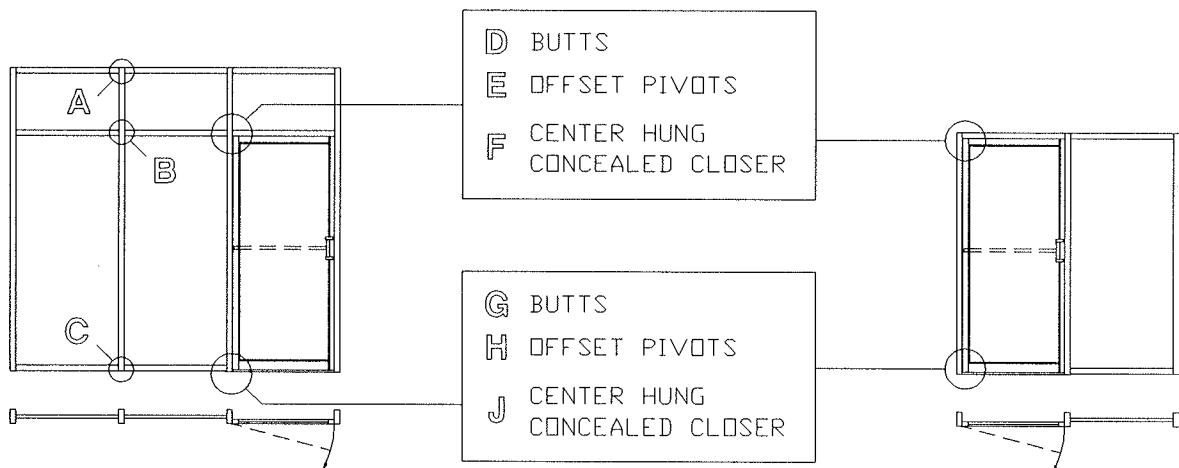
*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

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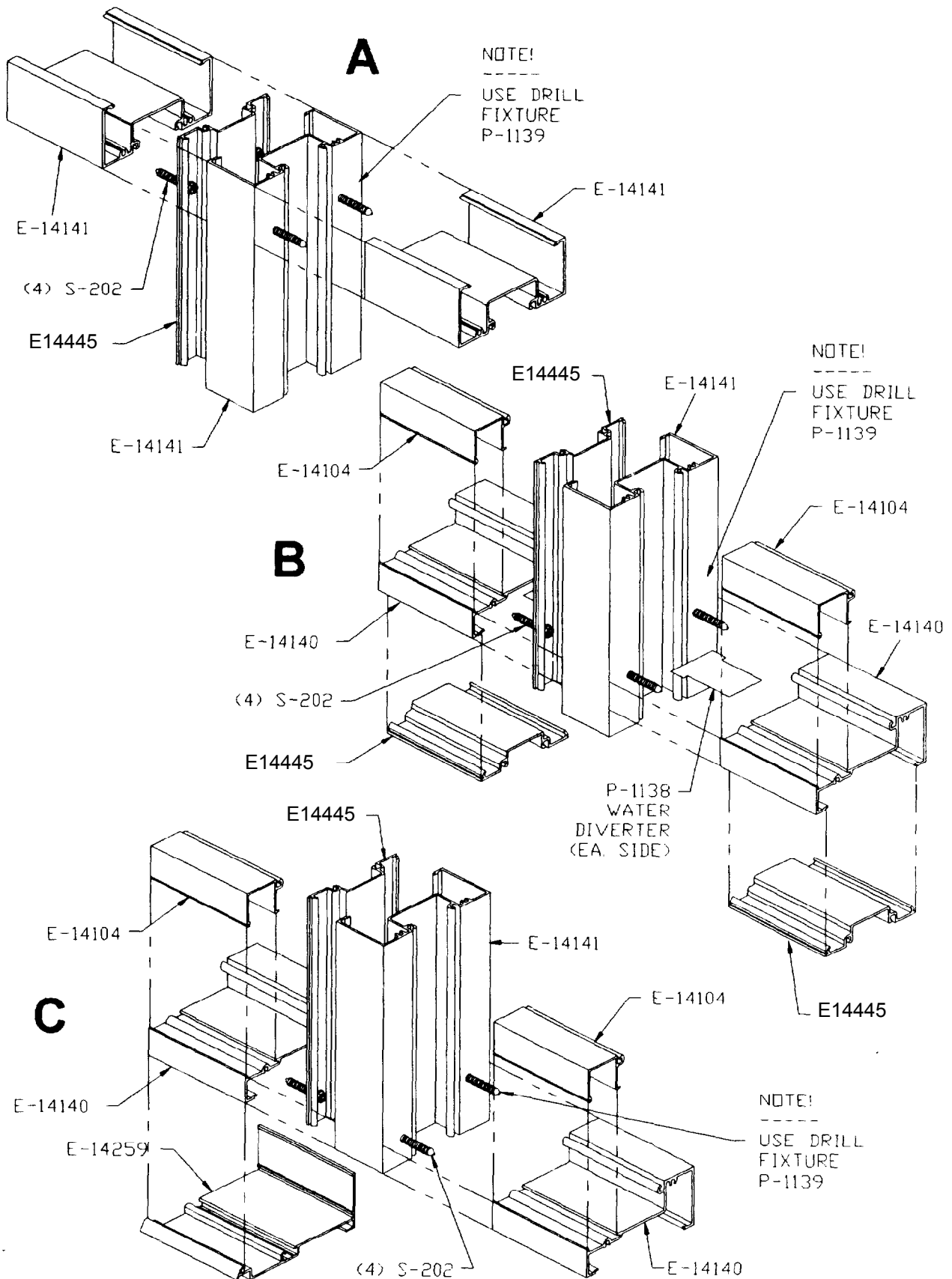
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14000 Series Flush Glaze

Isometric Assembly Details



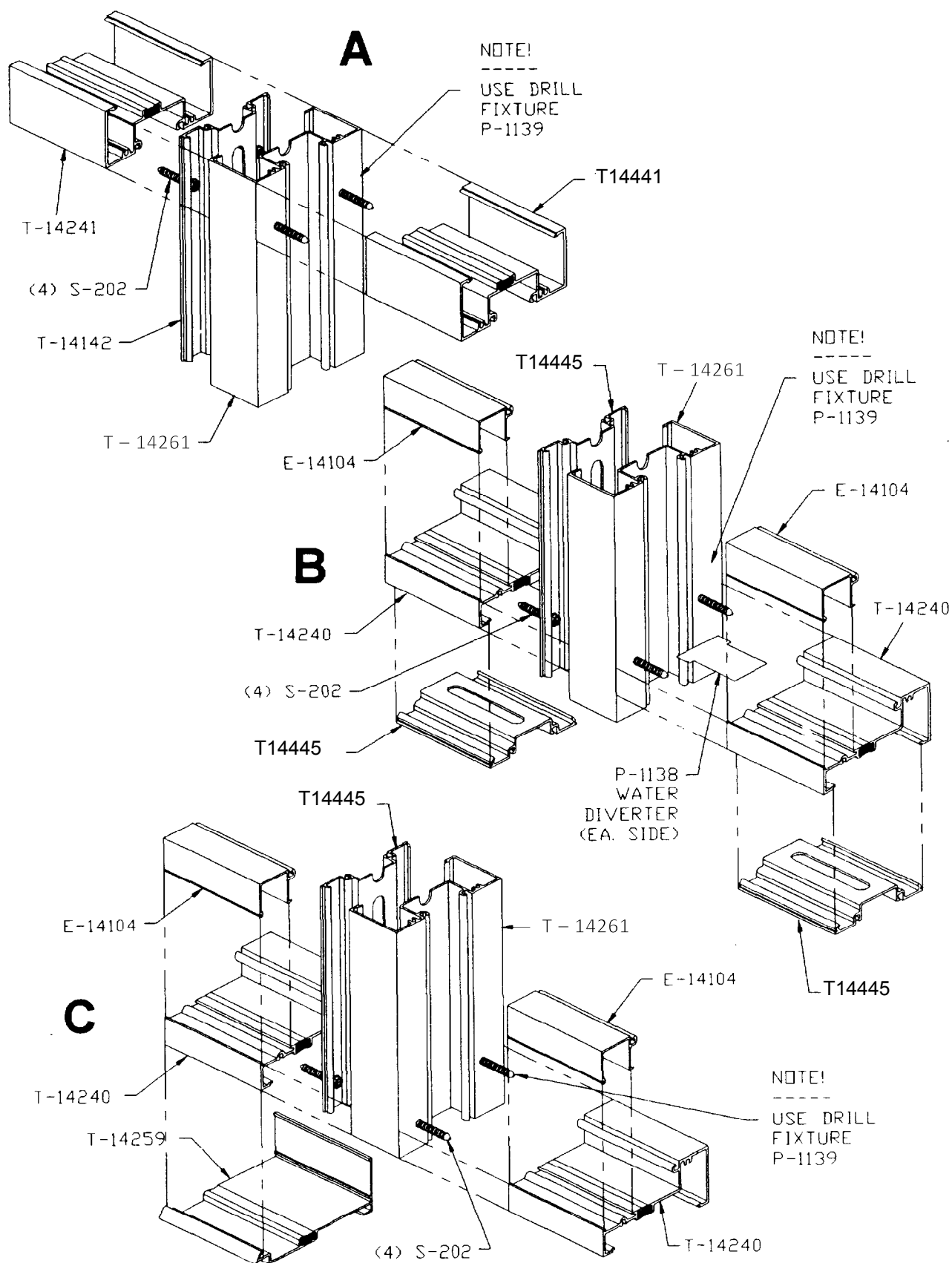
14.07 14000 Series Flush Glaze Isometric Assembly Details



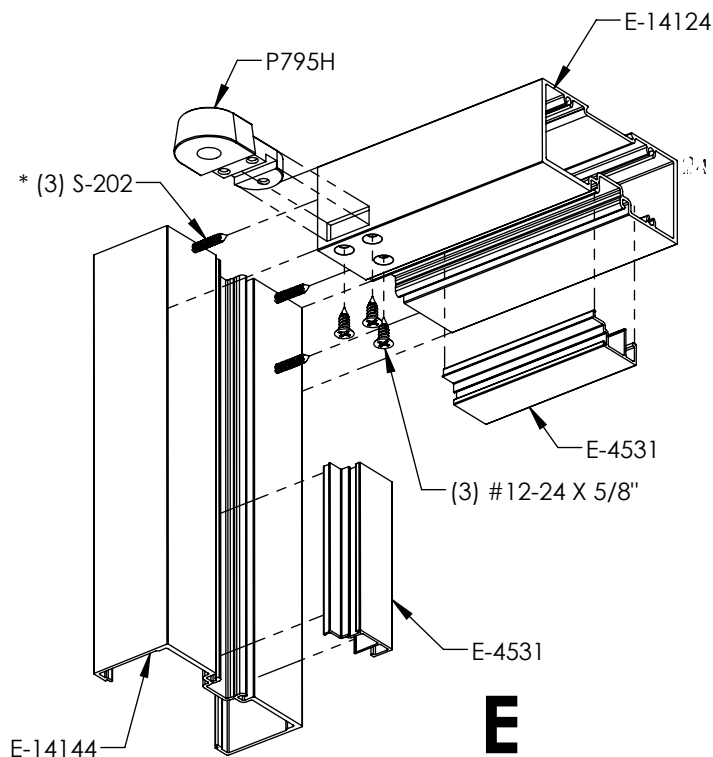
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14000 Series Flush Glaze

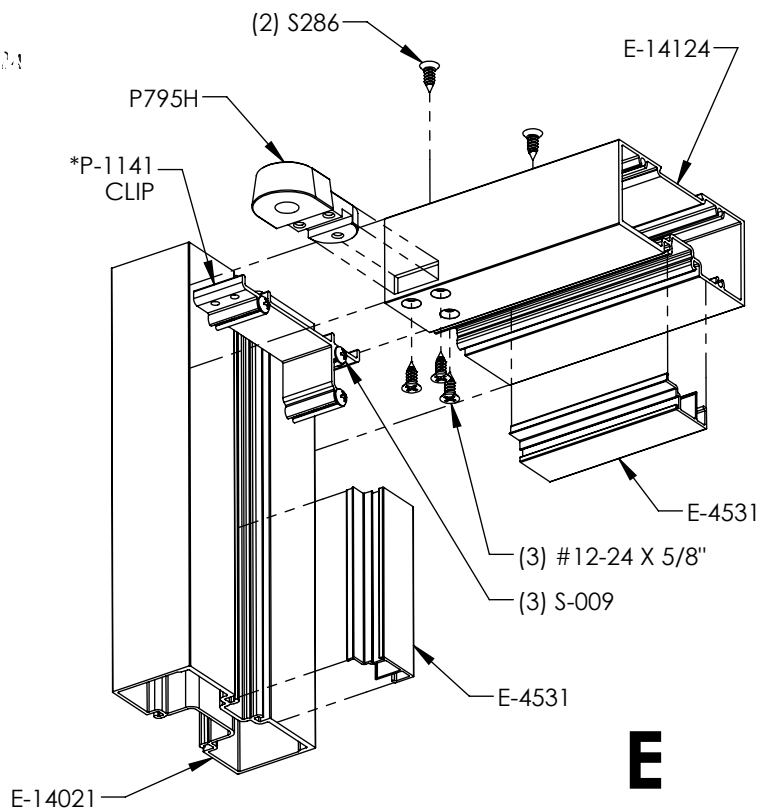
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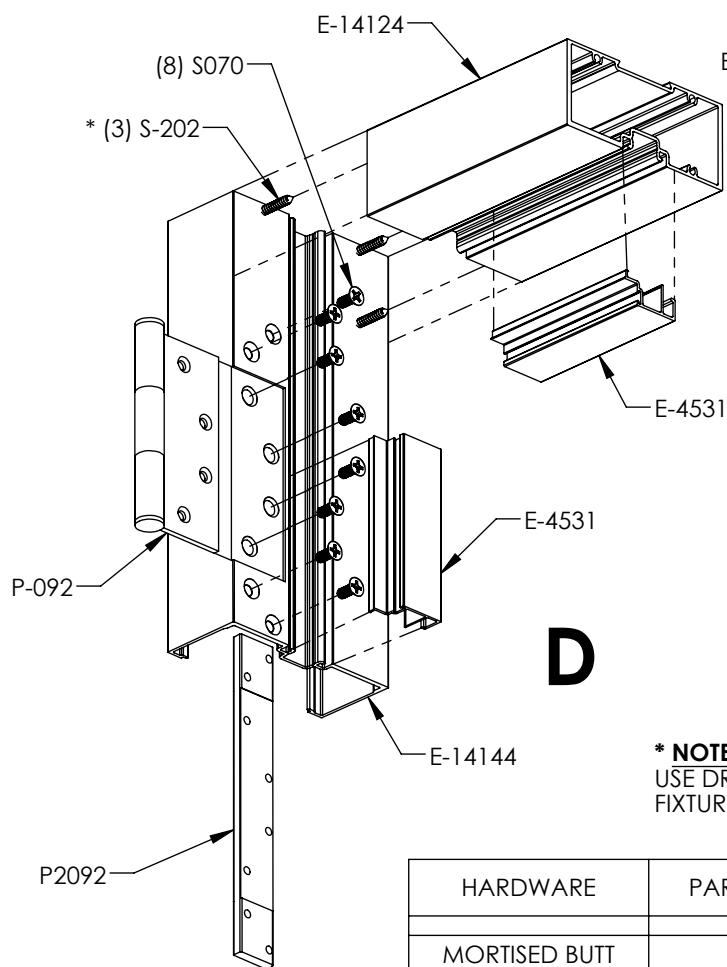
14000 Series Flush Glaze Isometric Assembly Details



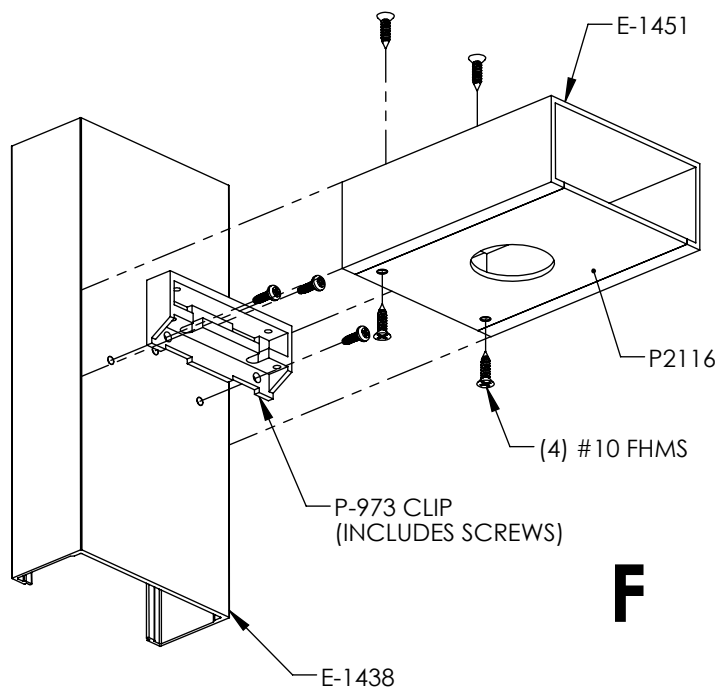
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E



D

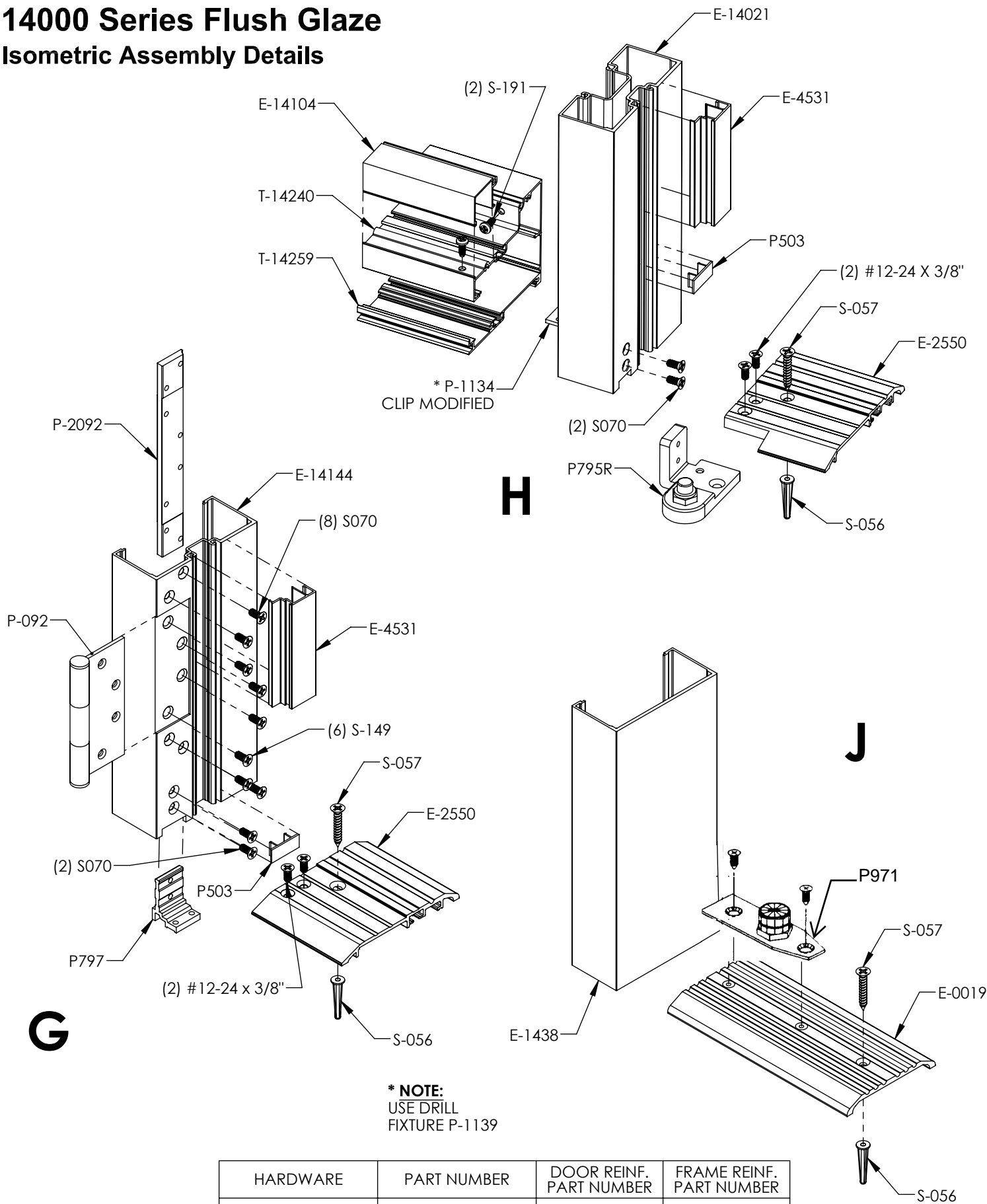


F

*** NOTE:**
USE DRILL
FIXTURE P-1139

HARDWARE	PART NUMBER	DOOR REINF. PART NUMBER	FRAME REINF. PART NUMBER
MORTISED BUTT	P-092	P2092	P2092
INTERMEDIATE OFFSET PIVOT	P795IL / P795IR	P-360	P-360

14.10 14000 Series Flush Glaze Isometric Assembly Details



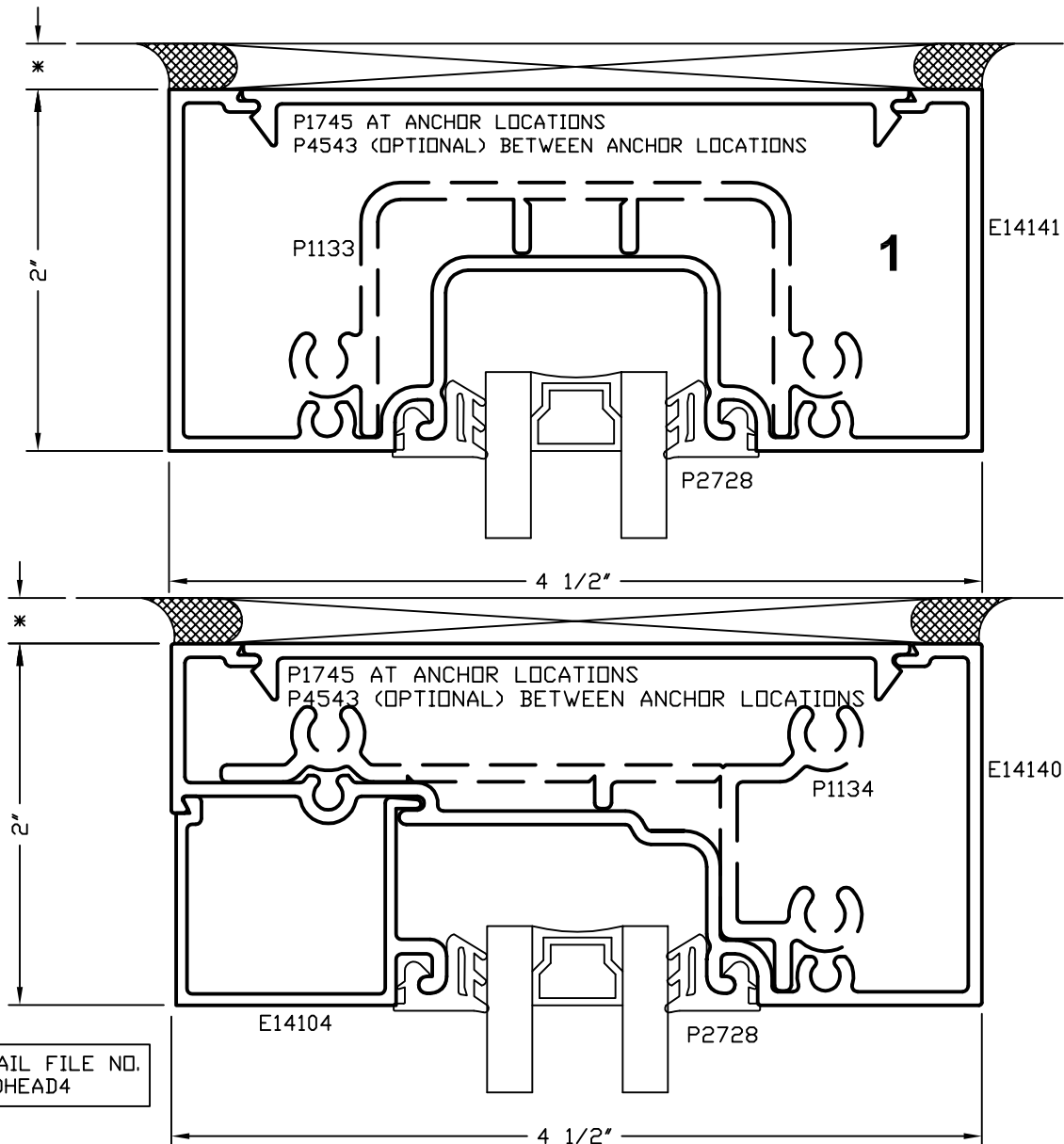
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MORTISED BUTT	P-092	P2092	P2092
INTERMEDIATE OFFSET PIVOT	P795IL / P795IR	P-360	P-360

E14000 Series Flush Glaze Standard Head Member

* 1/2" WHEN USING E-14259 FLASHING

* 1/4" WHEN USING E-45159 FLASHING

CAD DETAIL FILE NO.
190HEAD3



CAD DETAIL FILE NO.
190HEAD4

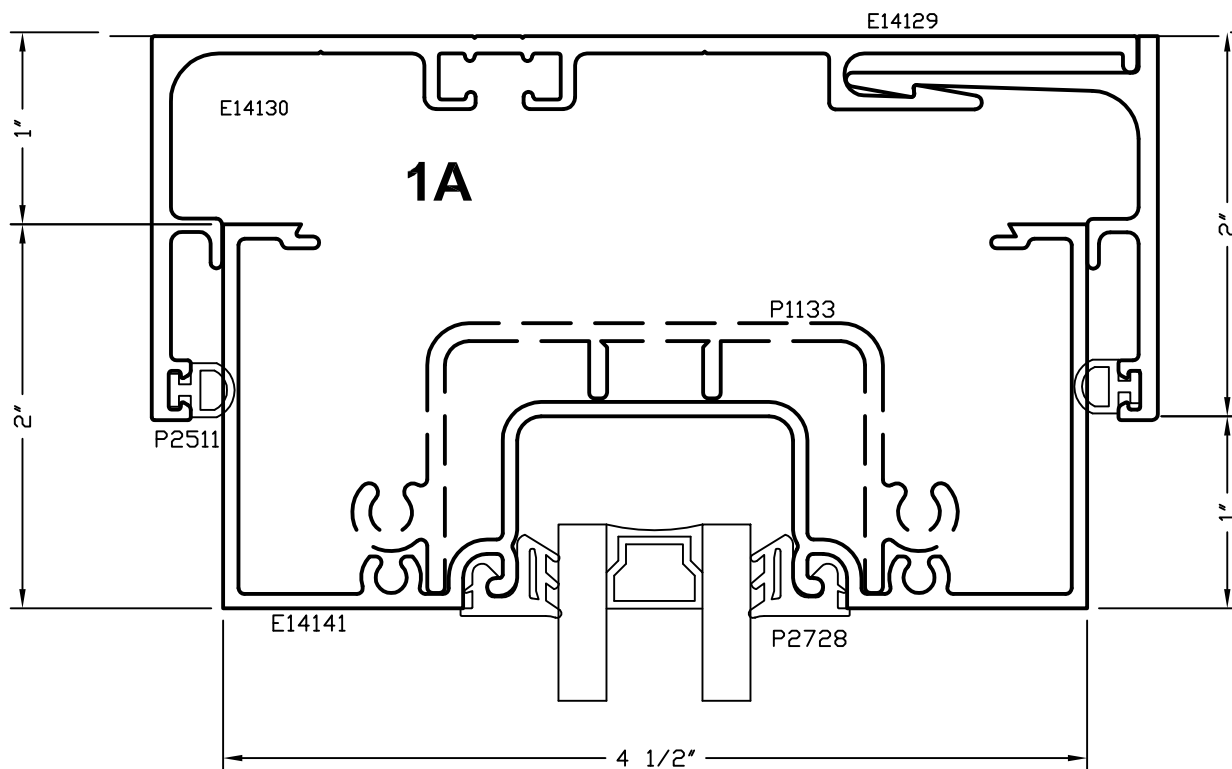
*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

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E14000 Series Flush Glaze

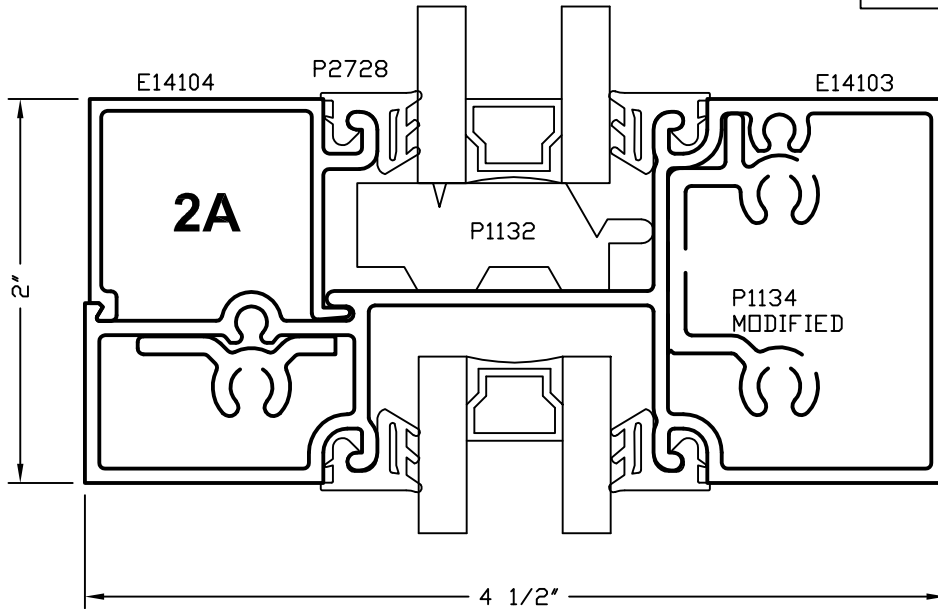
Head Receptor

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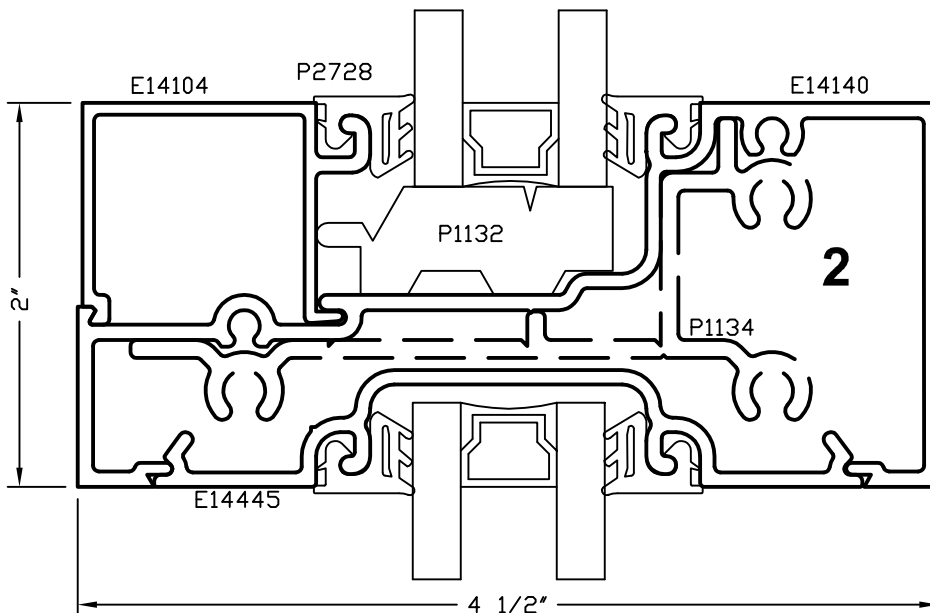


E14000 Series Flush Glaze Intermediate Horizontals

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190HORZ3



CAD DETAIL FILE NO.
190HORZ4



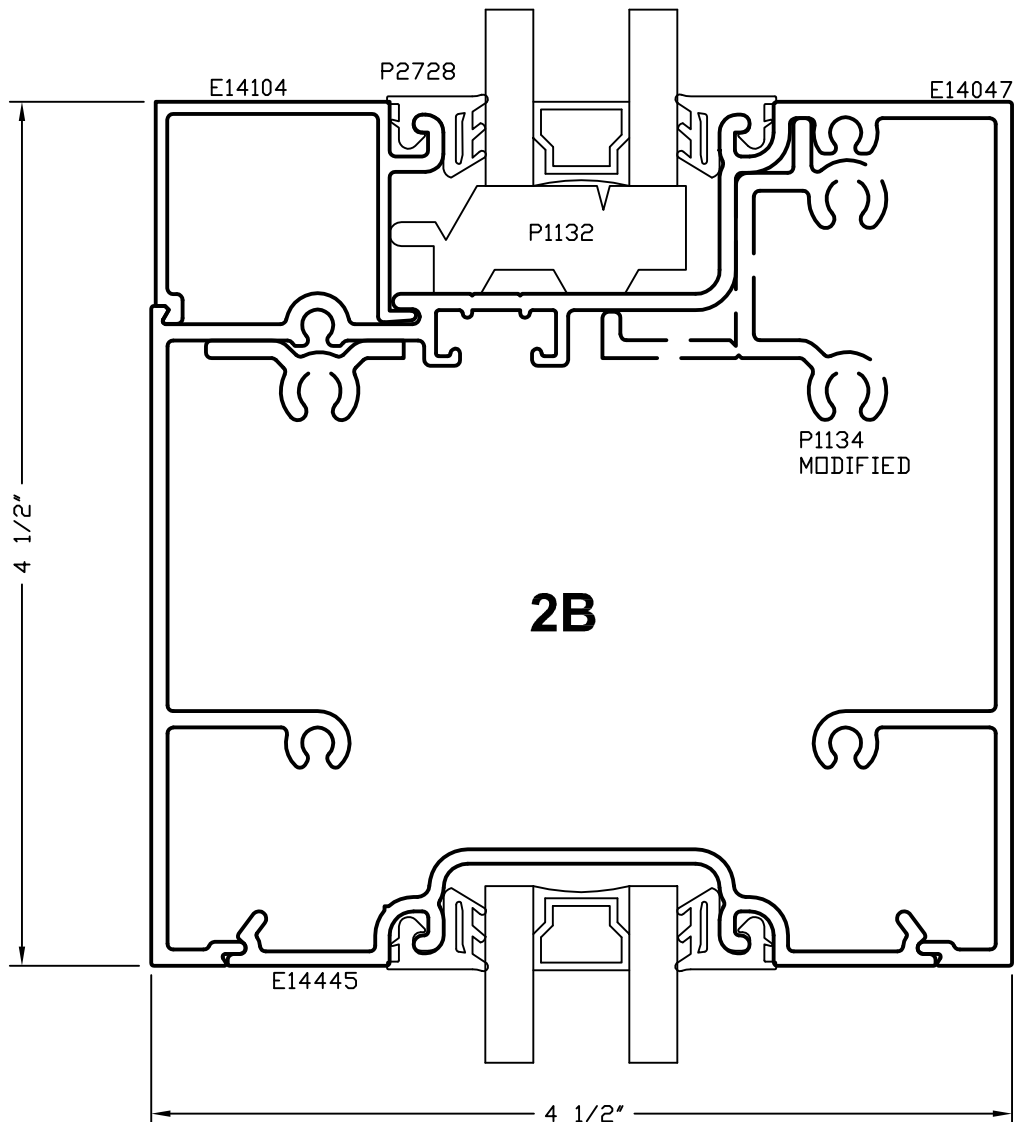
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14.14

E14000 Series Flush Glaze

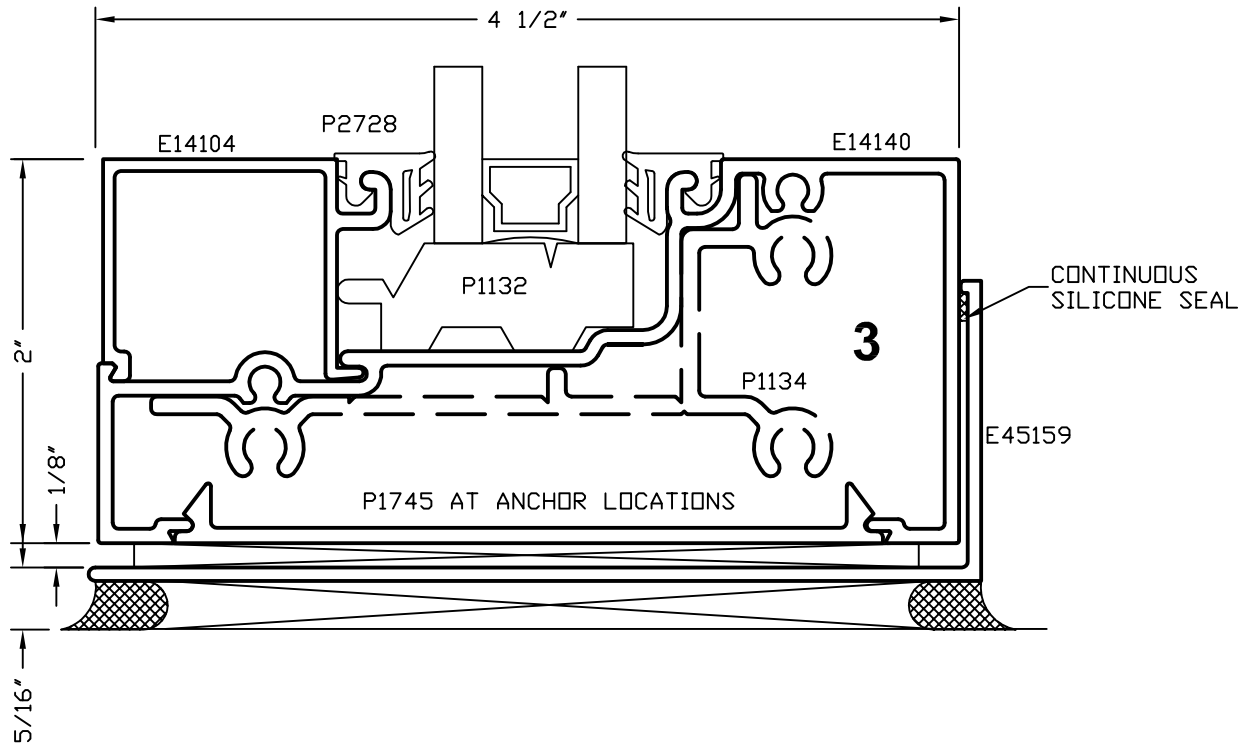
4 1/2" x 4 1/2" Intermediate Horizontal

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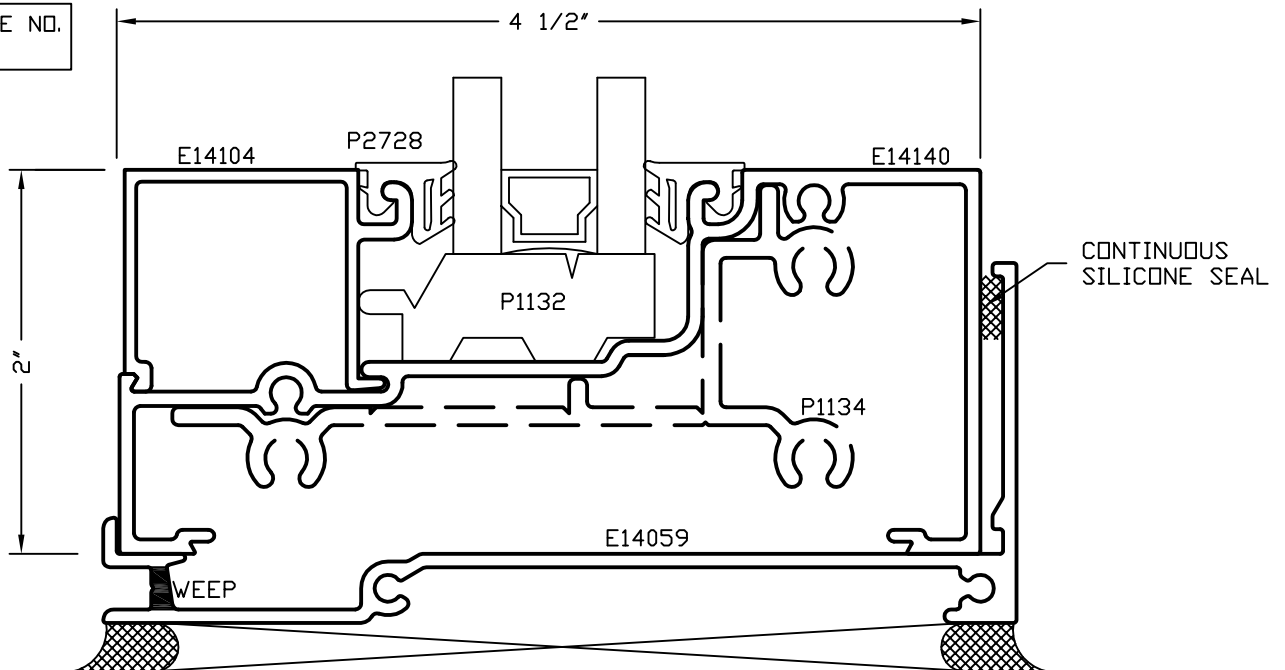


E14000 Series Flush Glaze Sill With Alternate Flashing

CAD DETAIL FILE NO.
190SILL2



CAD DETAIL FILE NO.
190SILL4



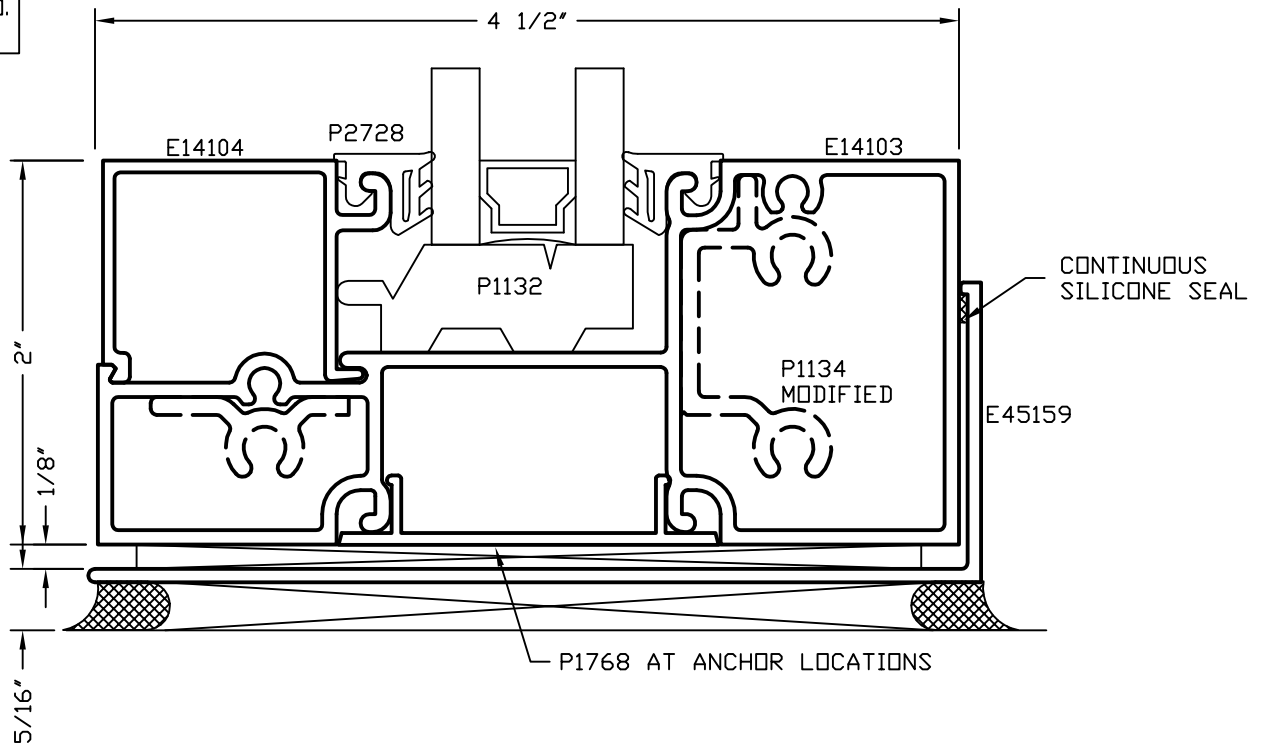
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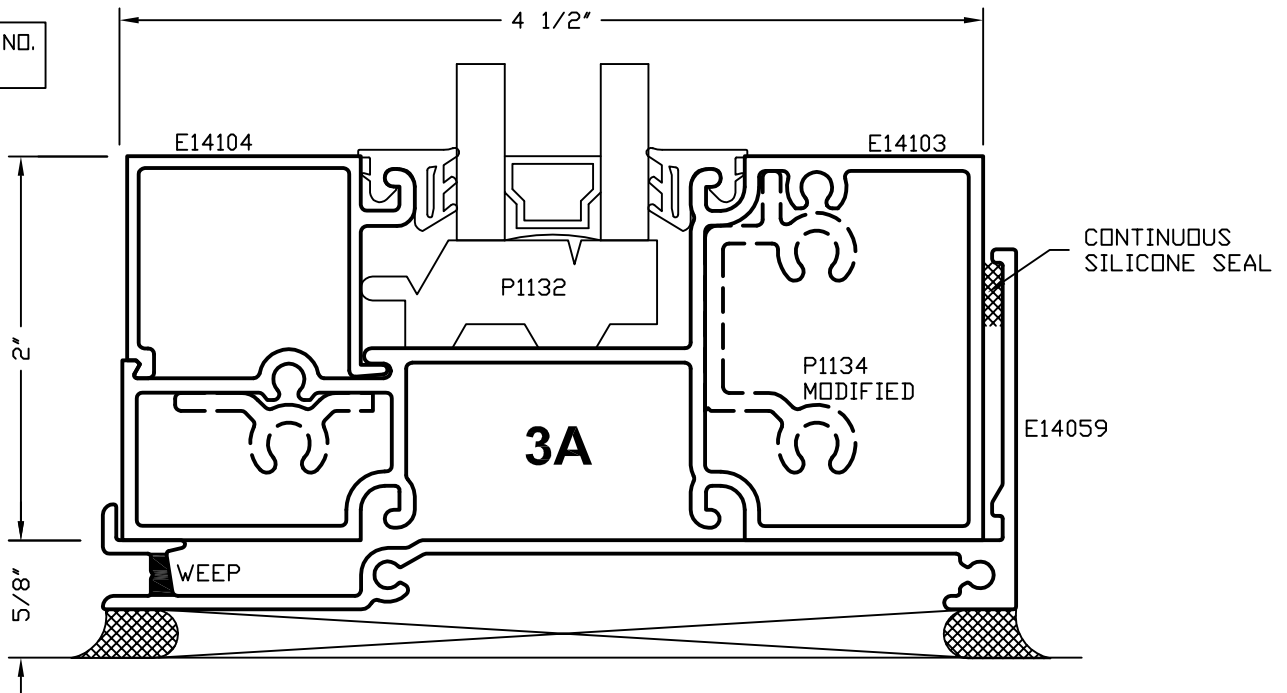
E14000 Series Flush Glaze

Alternate Sills With Flashing

CAD DETAIL FILE NO.
190SILL3



CAD DETAIL FILE NO.
190SILL5



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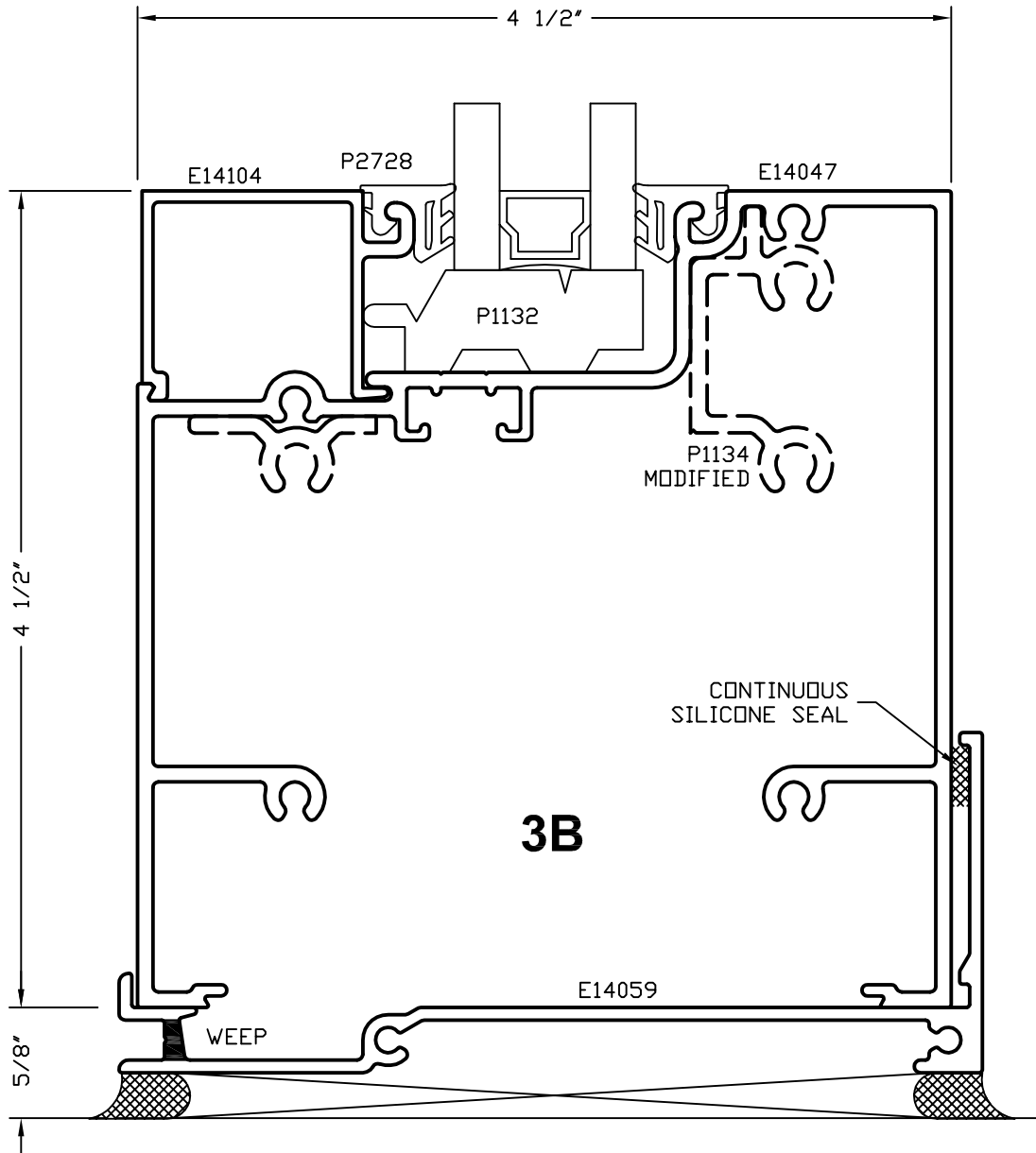
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E14000 Series Flush Glaze

Alternate Sill With Flashing

CAD DETAIL FILE NO.
190SILL6



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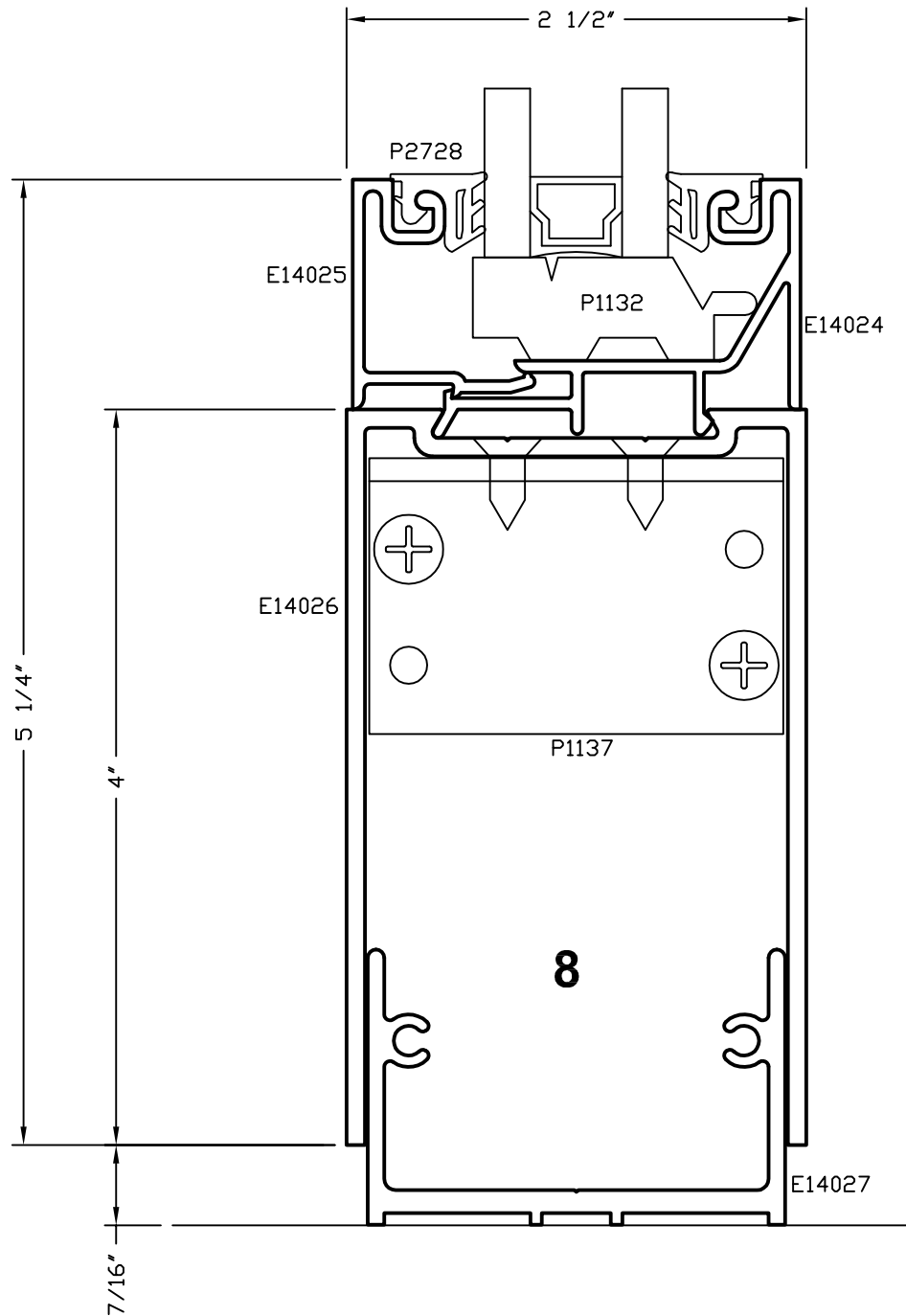
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14.18

E14000 Series Flush Glaze

Sidelight Base Sill Option

CAD DETAIL FILE NO.
190SLBS



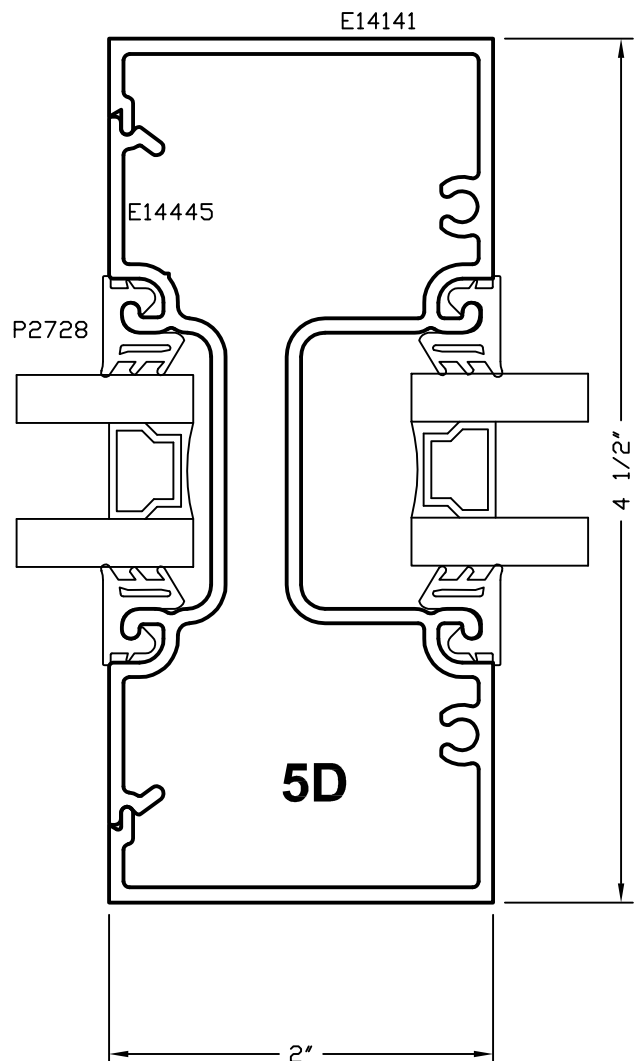
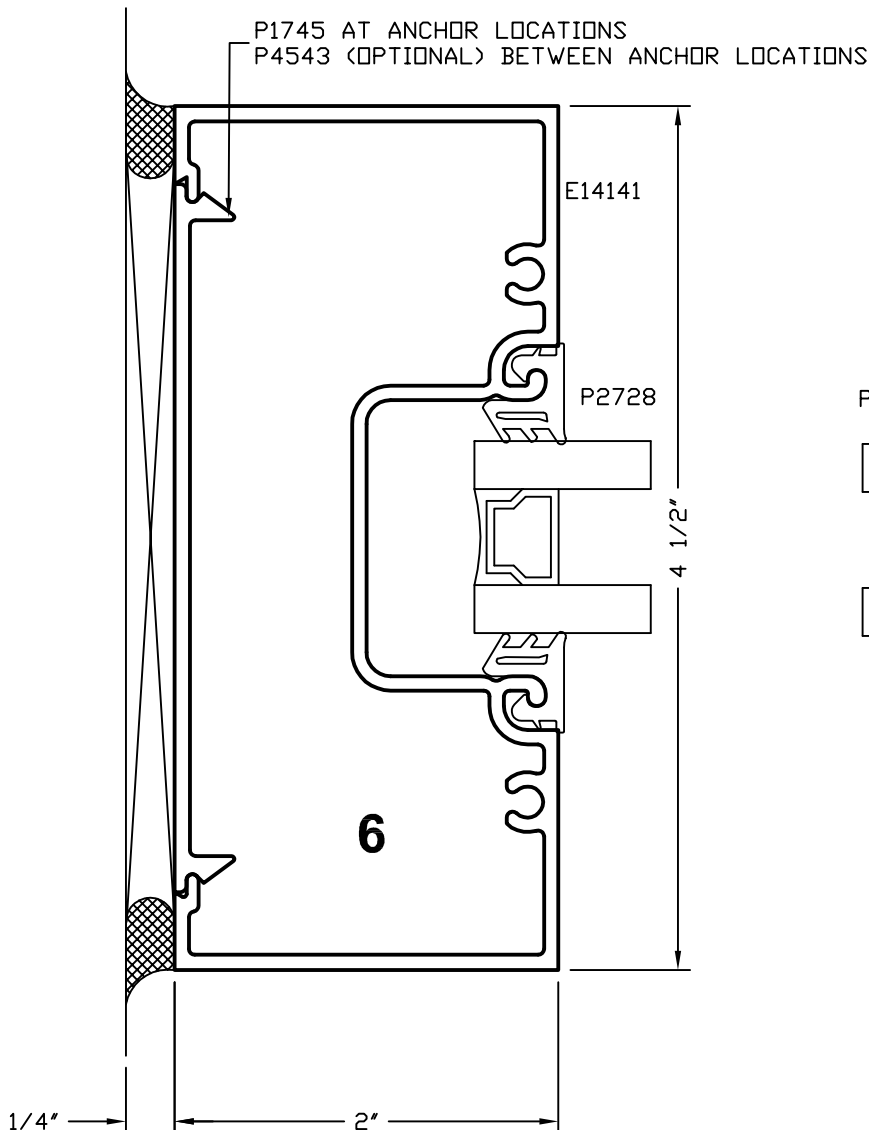
14.19

E14000 Series Flush Glaze

Jamb & Intermediate Vertical

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190JAMB1

CAD DETAIL FILE NO.
190SVERT2



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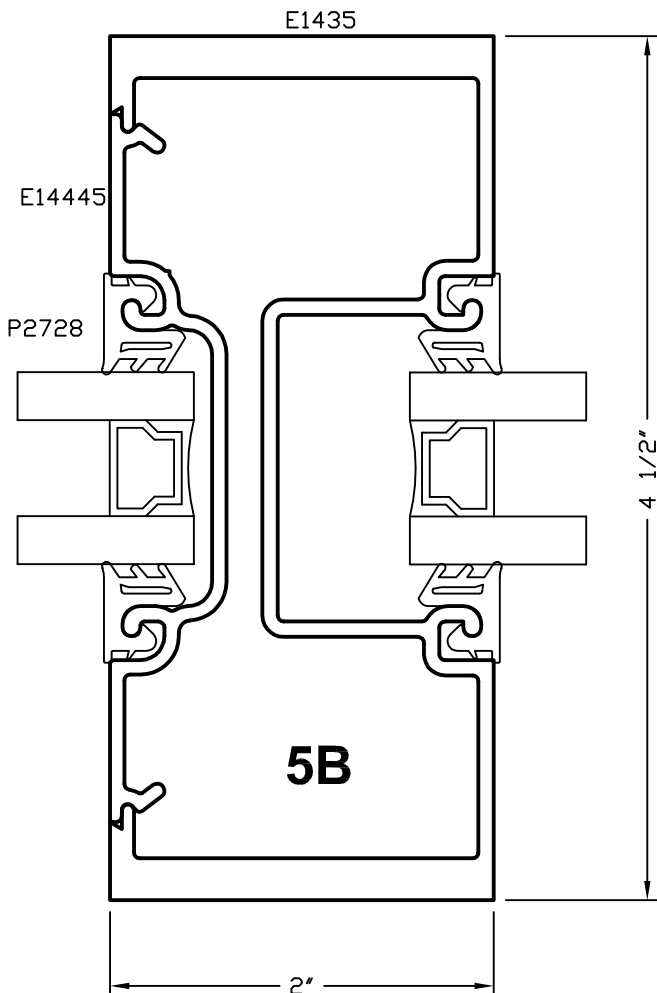
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14.20

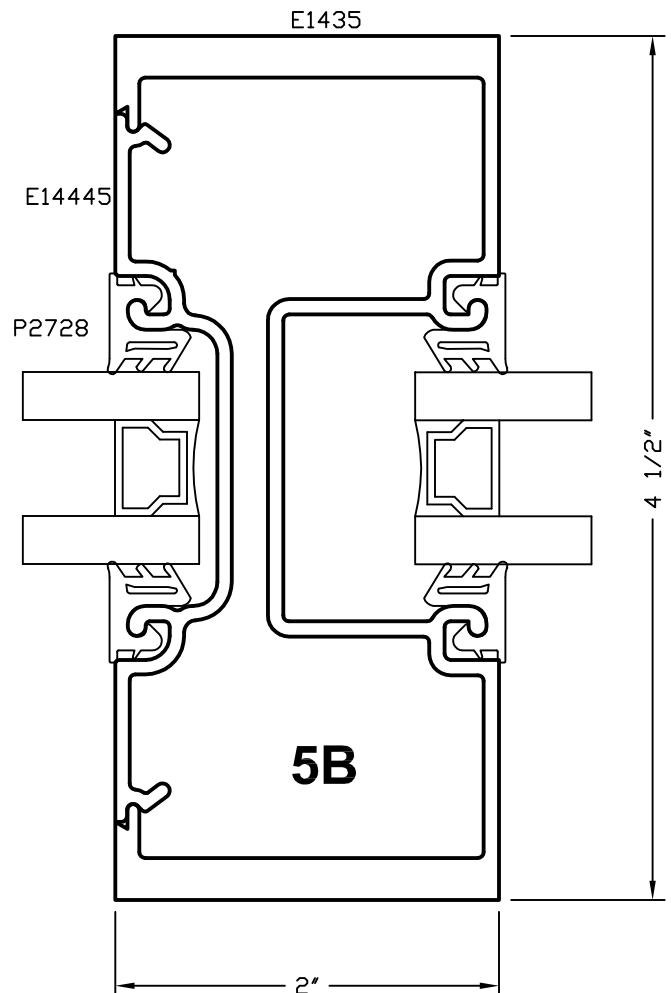
E14000 Series Flush Glaze

Heavy Duty & Expansion Verticals

CAD DETAIL FILE NO.
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CAD DETAIL FILE NO.
190XVERT2



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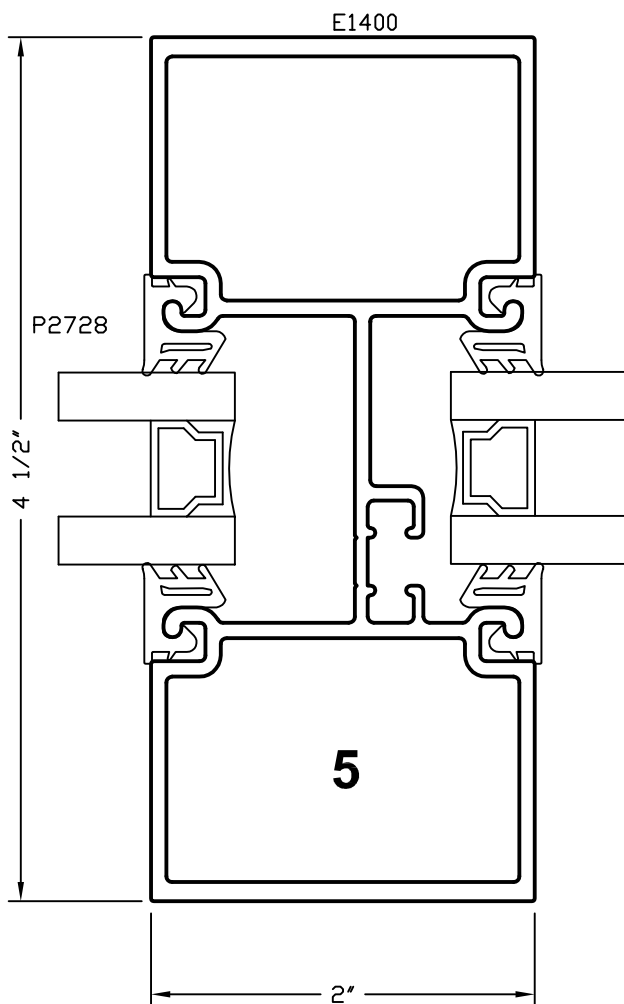
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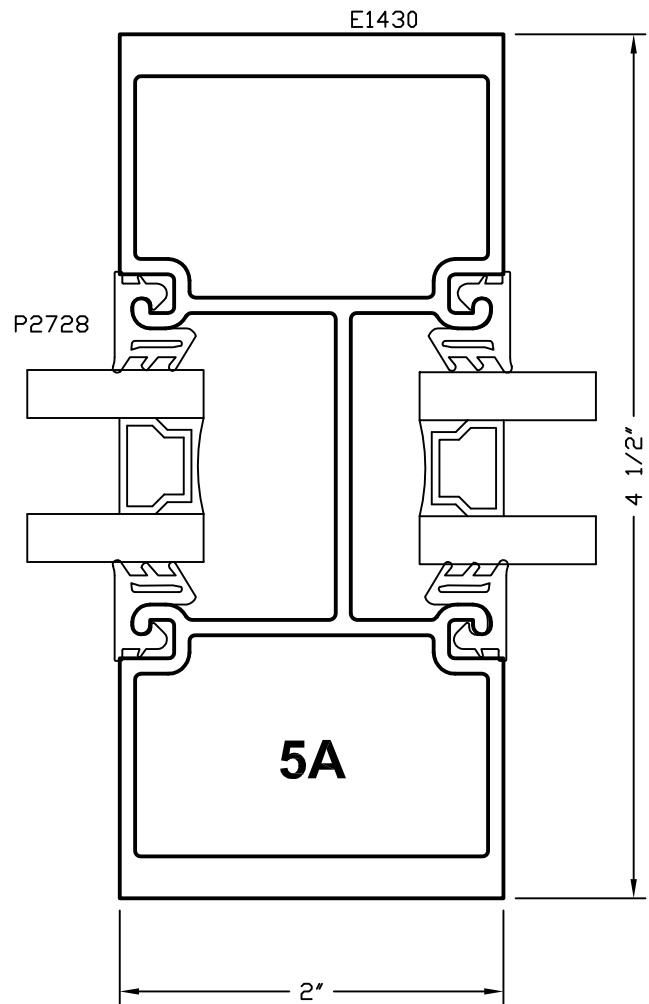
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E14000 Series Flush Glaze Intermediate Verticals For Clip Joinery

CAD DETAIL FILE NO.
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CAD DETAIL FILE NO.
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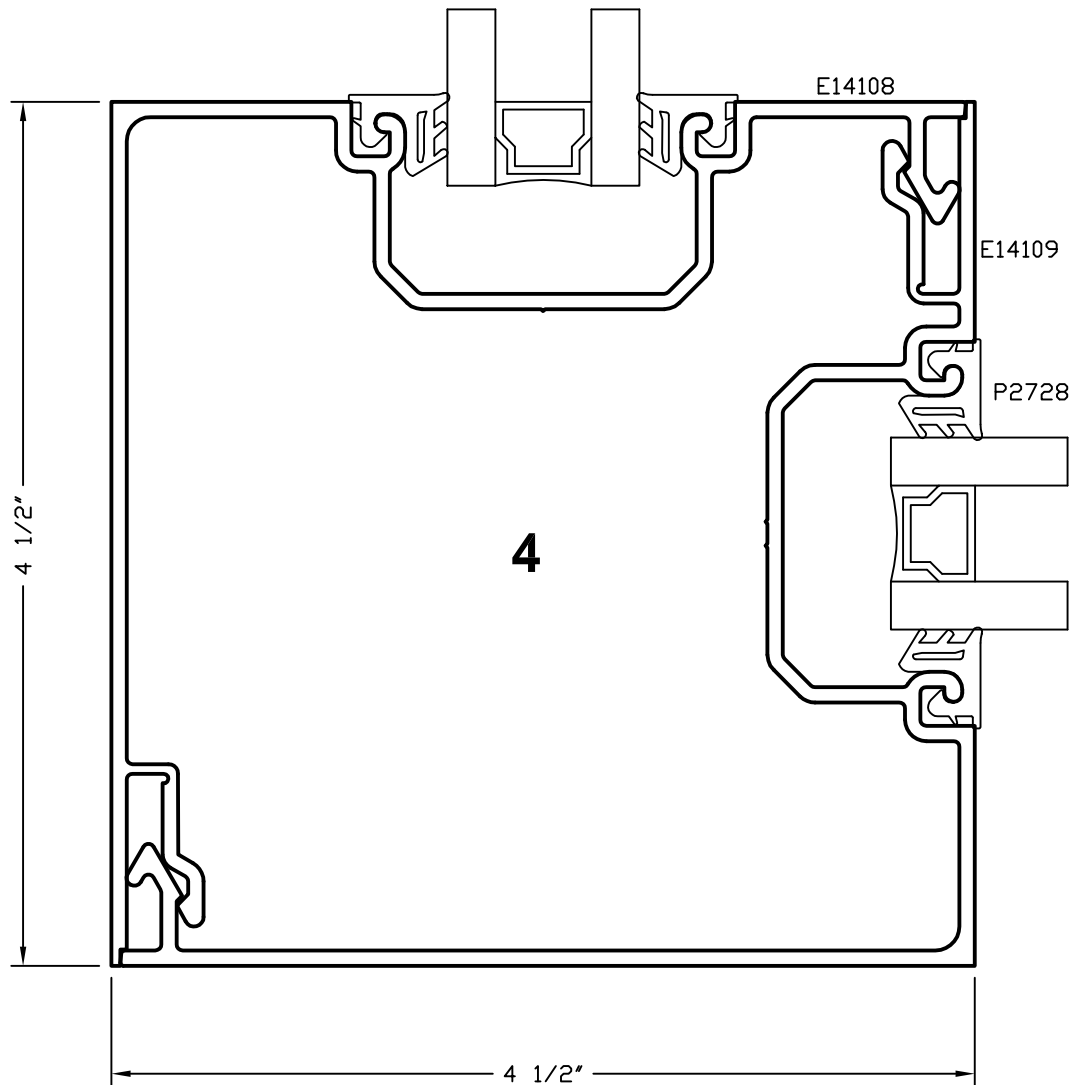
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14.22

E14000 Series Flush Glaze

4 1/2" x 4 1/2" - 90° Corner

CAD DETAIL FILE NO.
190CORN2



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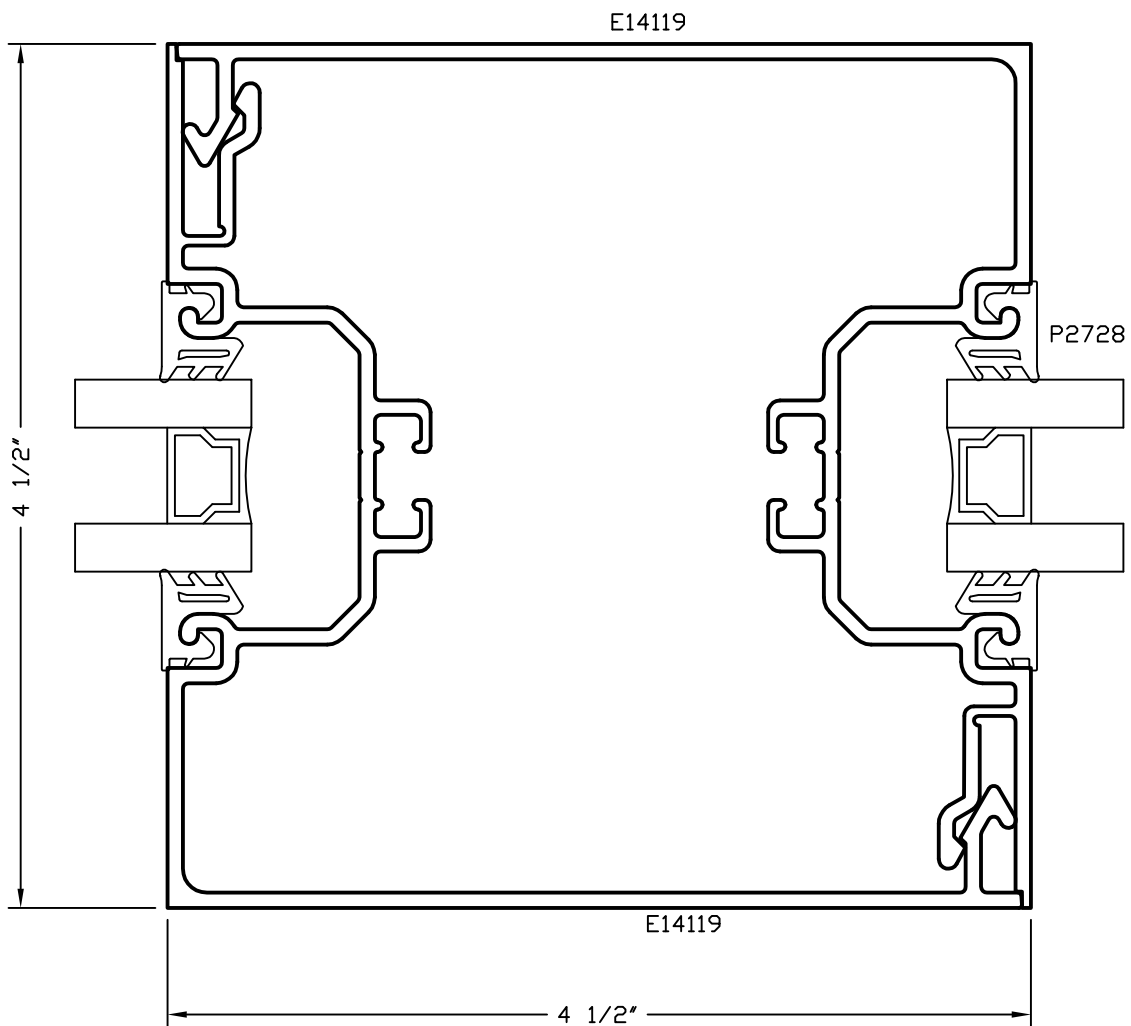
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2013

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14.23
E14000 Series Flush Glaze
4 1/2" x 4 1/2" Intermediate Vertical

CAD DETAIL FILE NO.
190CORN3



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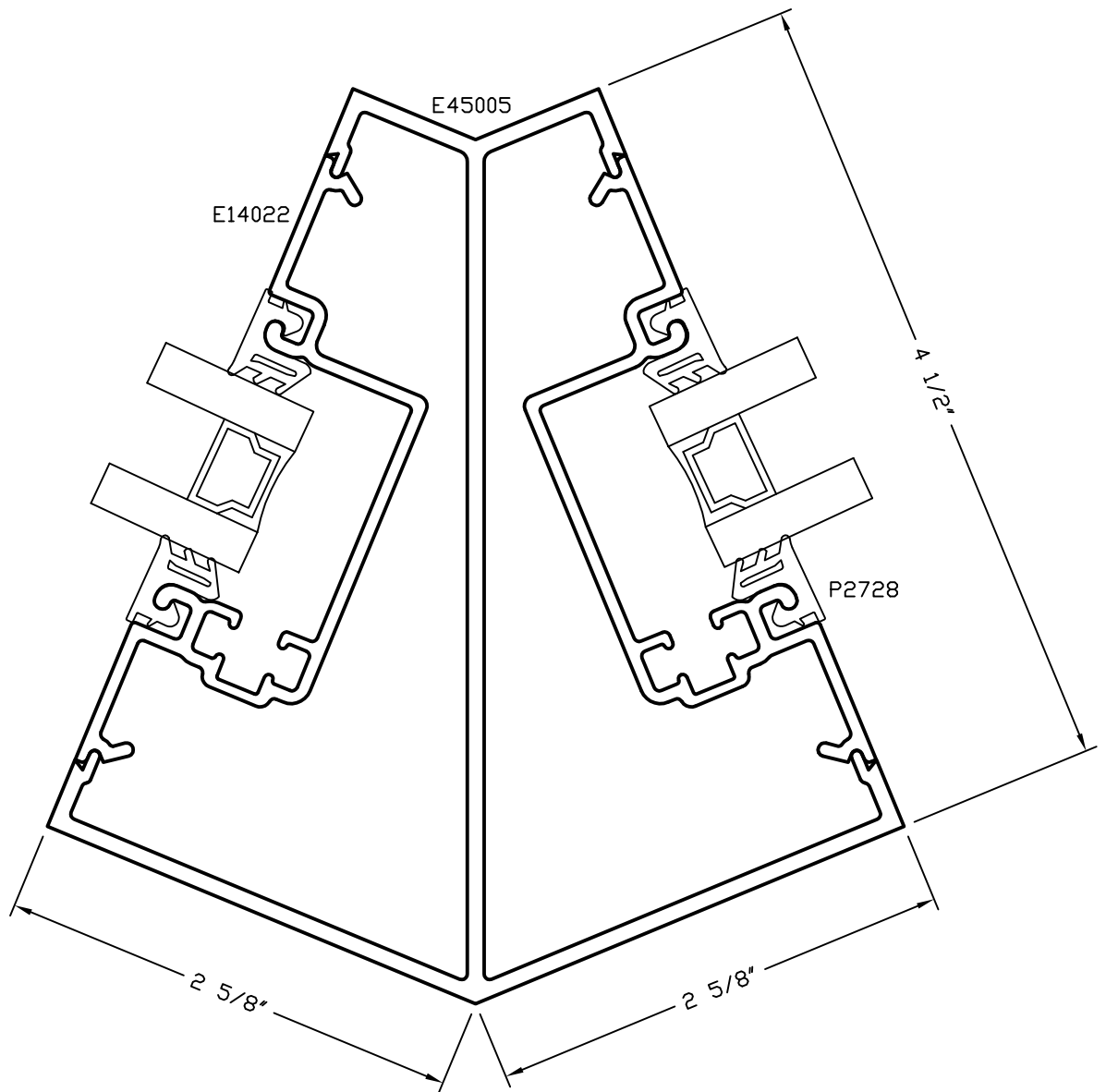
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14.24

E14000 Series Flush Glaze

135° Corner

CAD DETAIL FILE NO.
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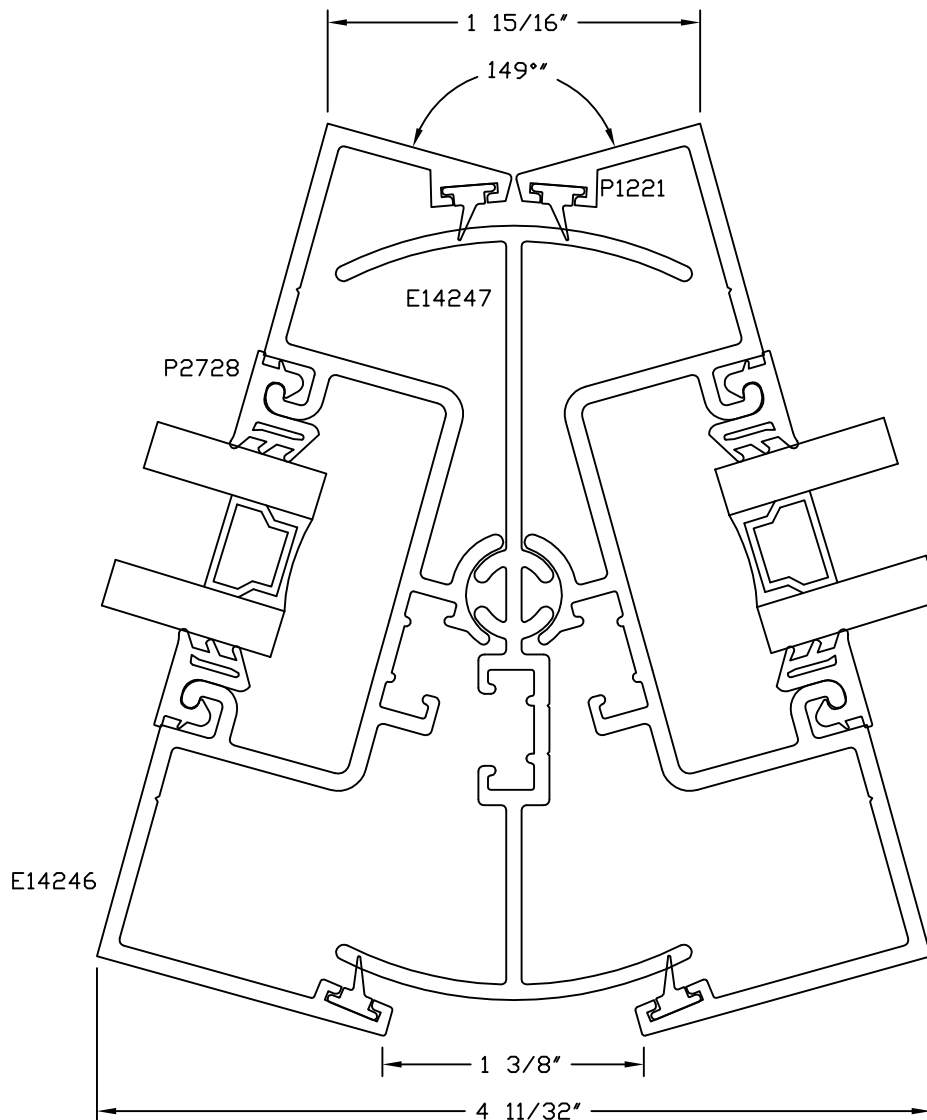


14.24A

E14000 Series Flush Glaze

Rotational Mullion

CAD DETAIL FILE NO.
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*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

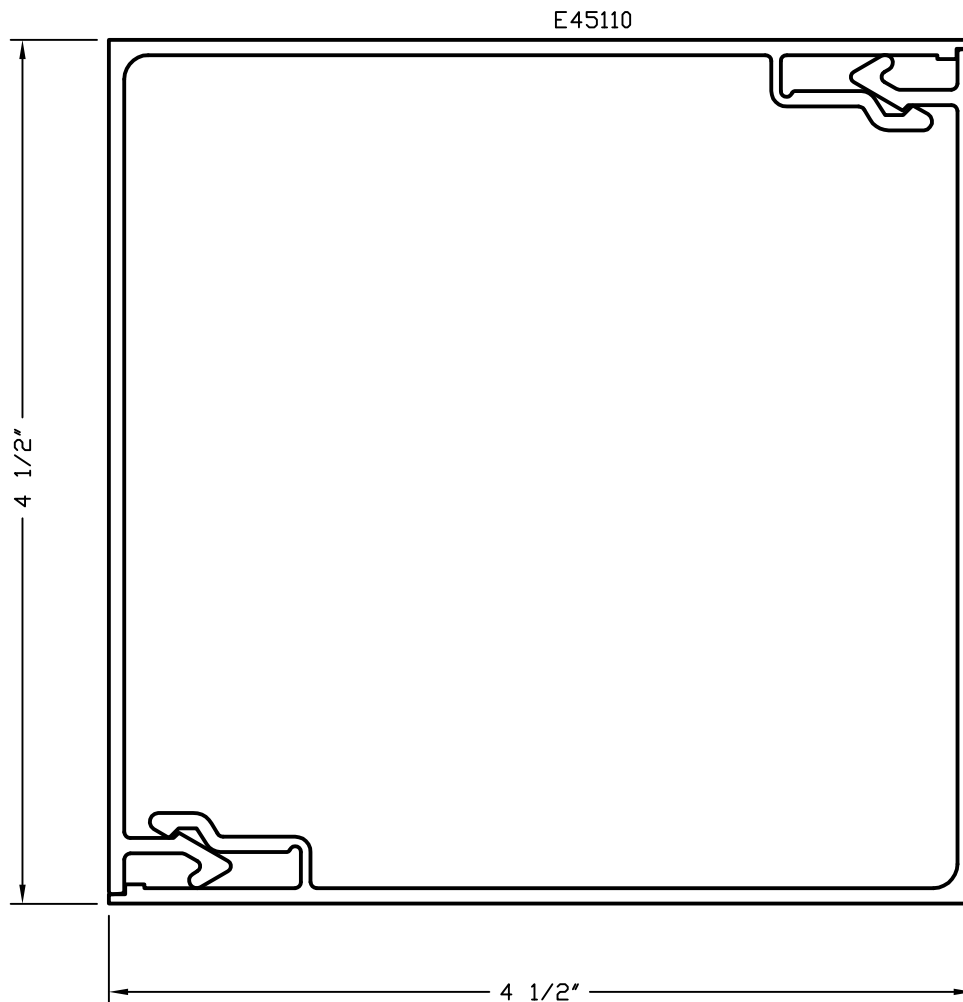
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2013

14.24B

E14000 Series Flush Glaze

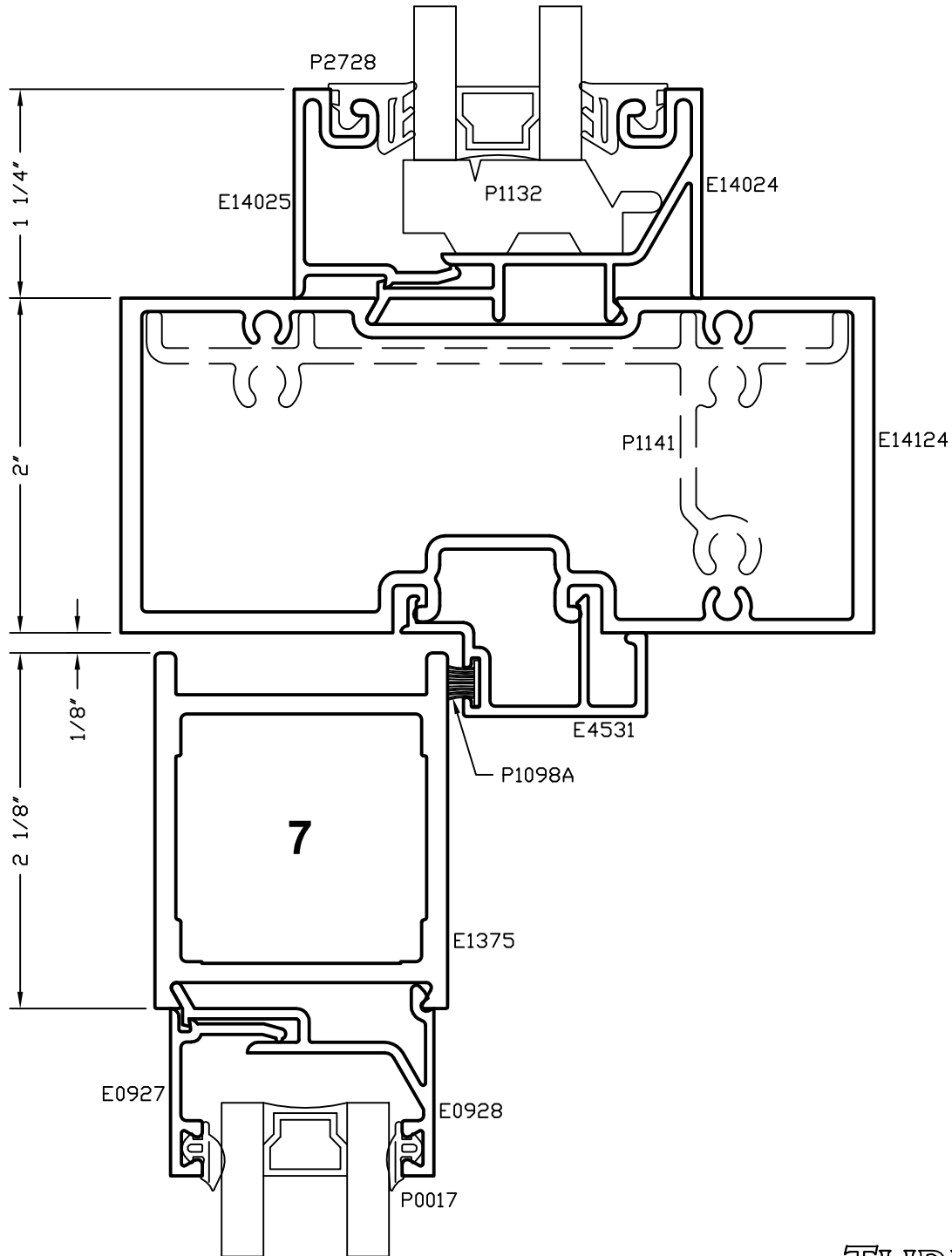
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CAD DETAIL FILE NO.
190CORN5



E14000 Series Flush Glaze Door Header With Transom - Offset Pivot Or Butt Hinge

CAD DETAIL FILE NO.
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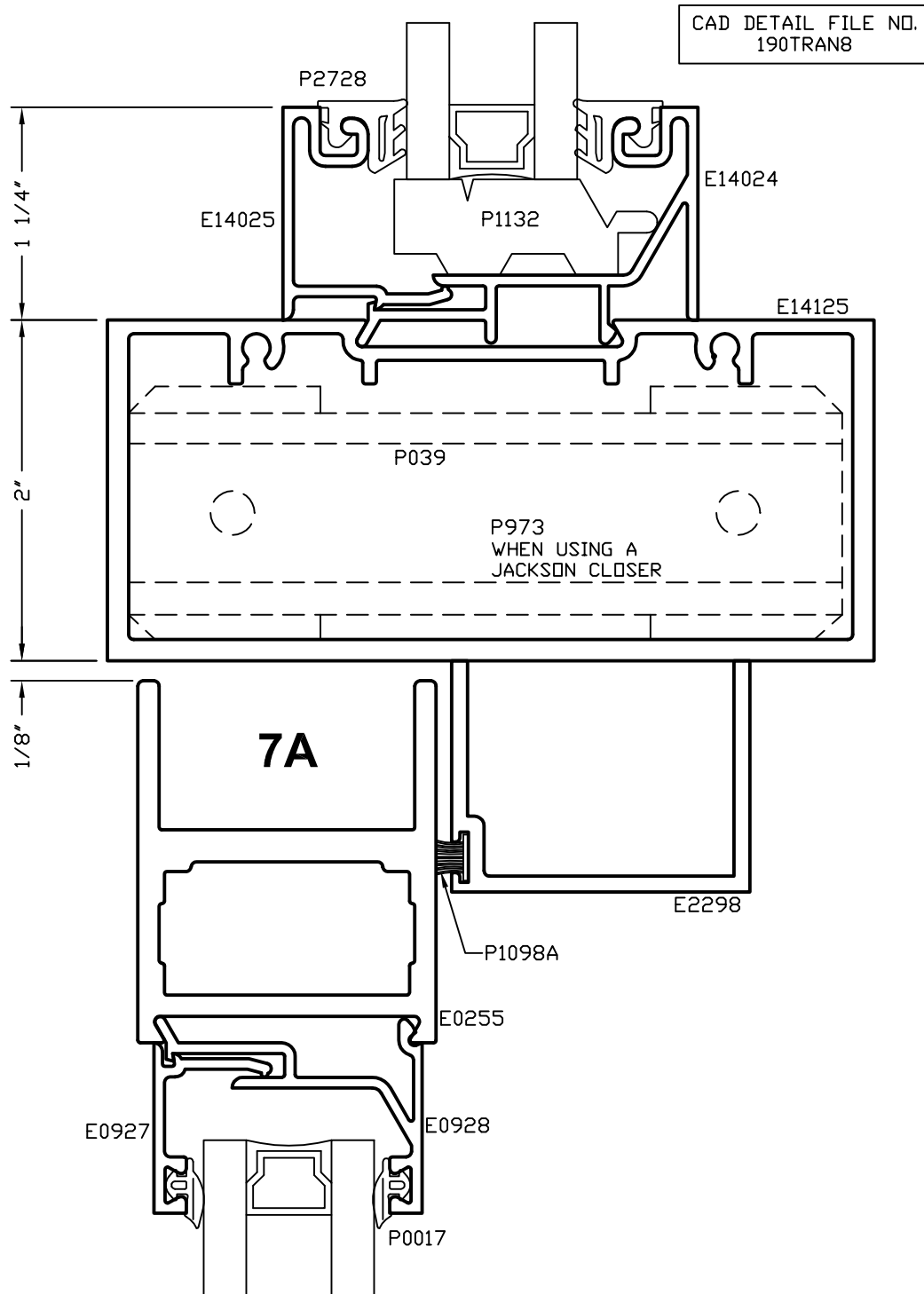


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14.26

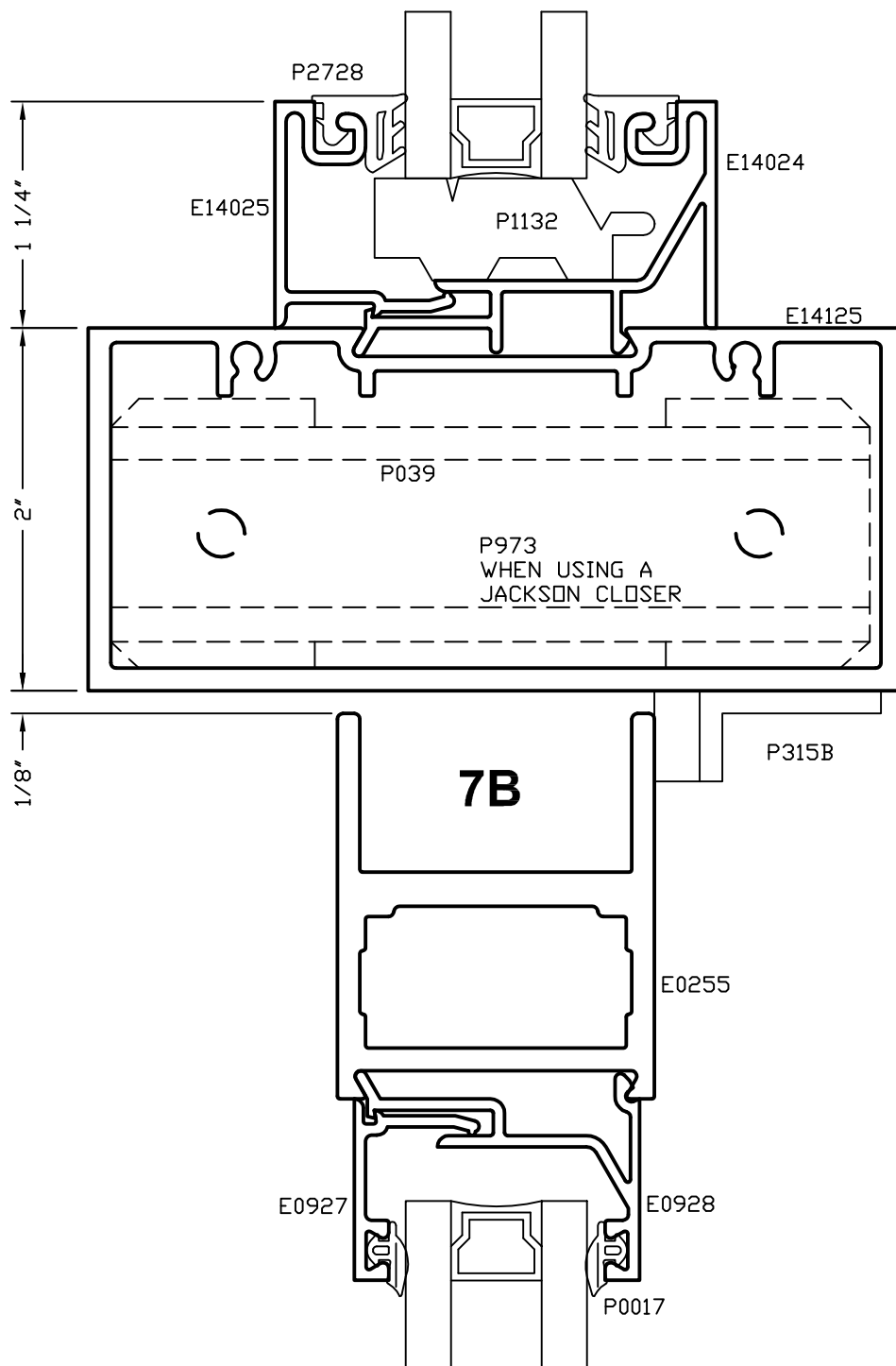
E14000 Series Flush Glaze

Door Header With Transom - Offset Pivot Or Butt Hinge



E14000 Series Flush Glaze Door Header With Transom - Center Pivot

CAD DETAIL FILE NO.
190TRAN7



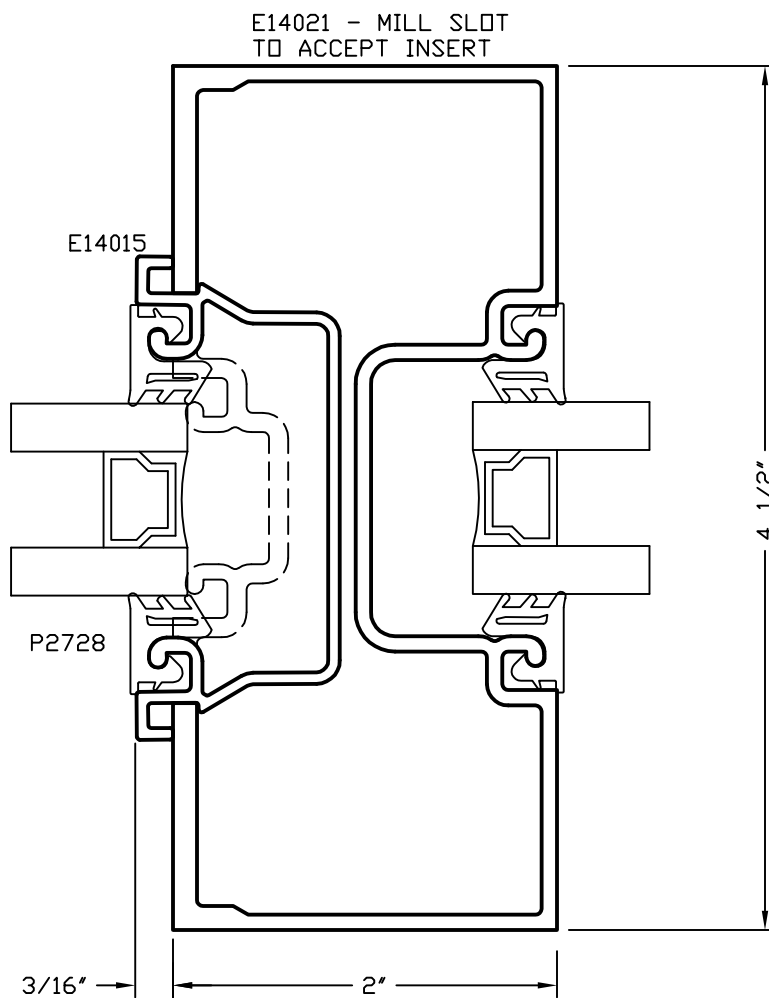
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14.28

E14000 Series Flush Glaze

Alternate Transom Jamb With Sidelight

CAD DETAIL FILE NO.
190TRANVERT1



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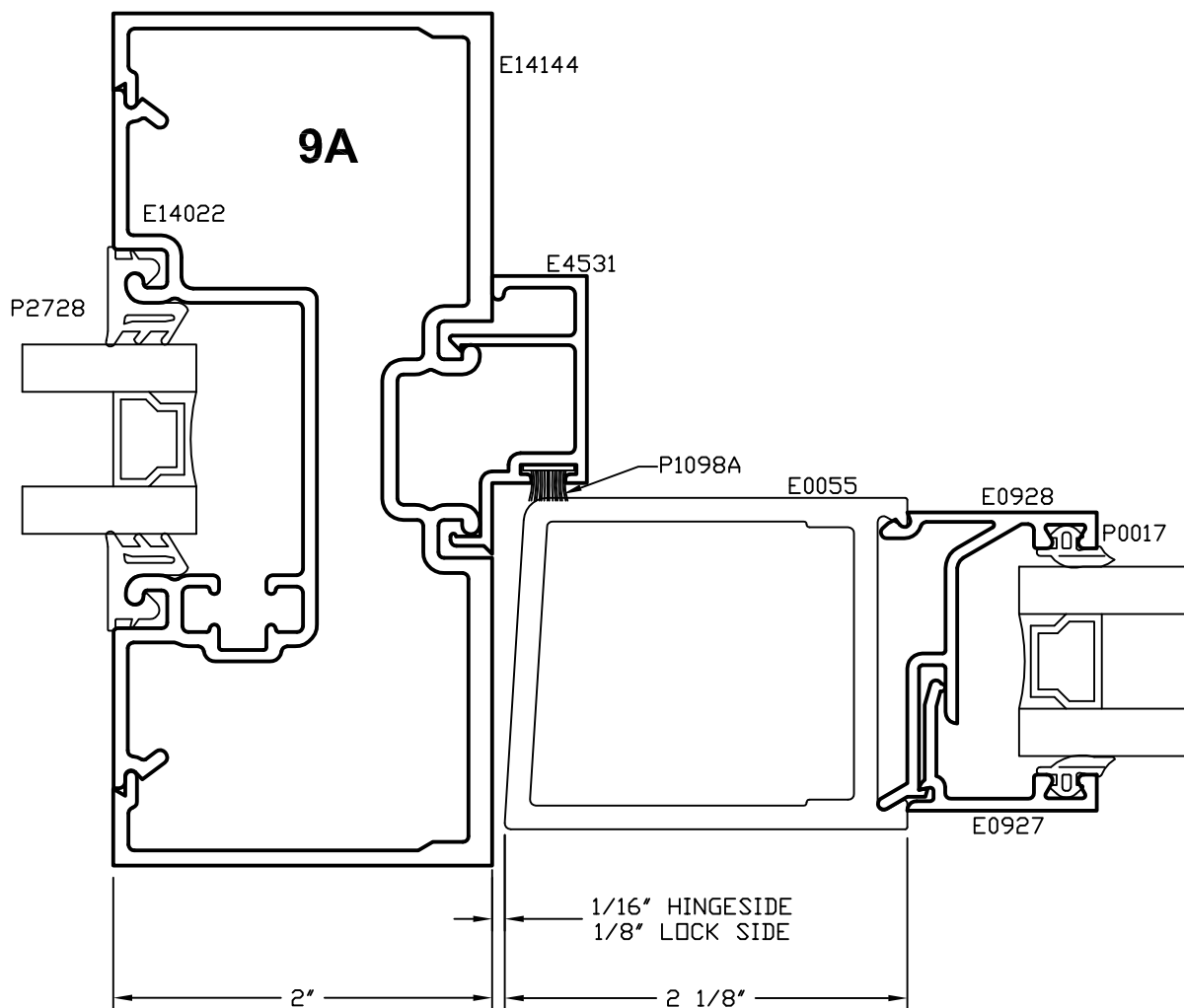
LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS

2013

*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

E14000 Series Flush Glaze Door Jamb - Narrow Stile Offset Pivot or Butt Hinge

CAD DETAIL FILE NO.
190DRJBNS1



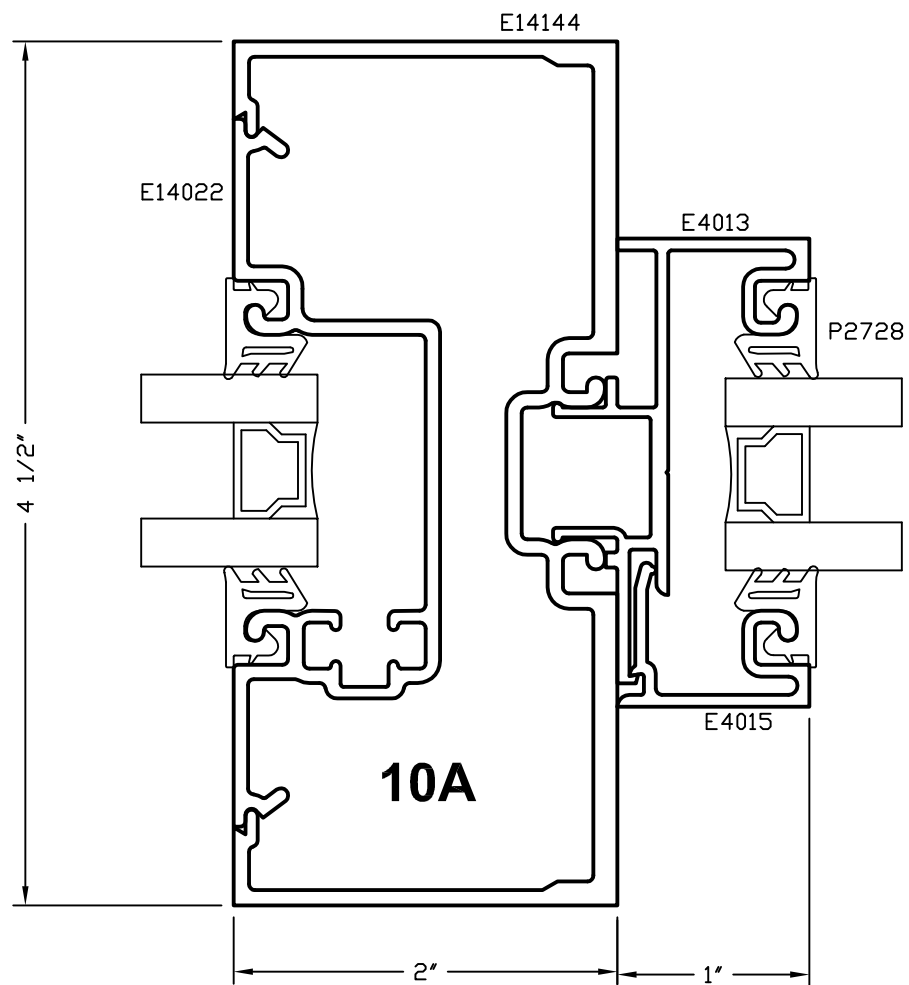
*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

14.30

E14000 Series Flush Glaze

Door Jamb With Transom & Sidelight

CAD DETAIL FILE NO.
190DRV13



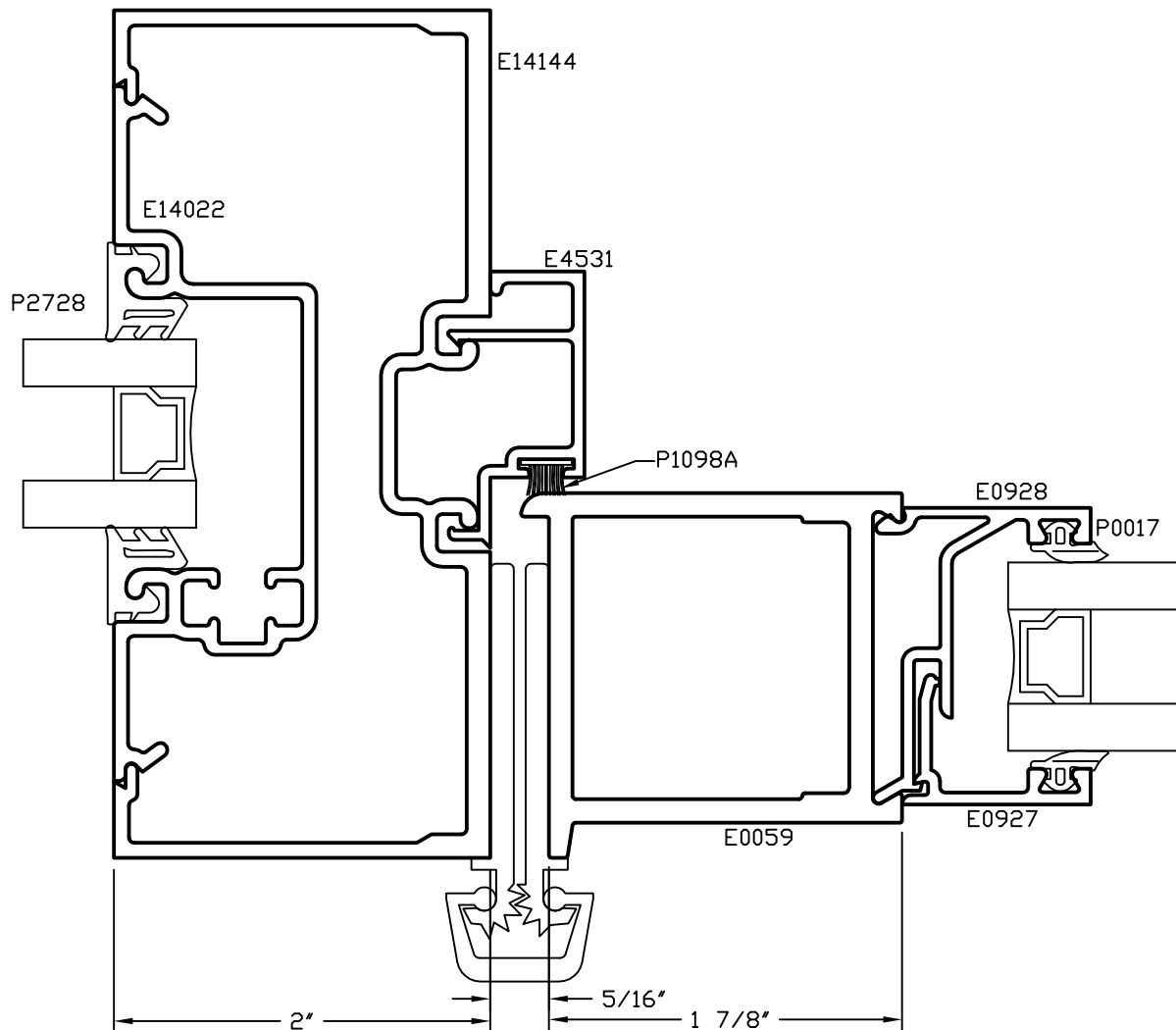
CAD DETAIL FILE NO.
190DRJBNS

14.31a

E14000 Series Flush Glaze

Door Jamb - Narrow Stile With Continuous Hinge

CAD DETAIL FILE NO.
190DRJBNSCH1



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LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS
2013

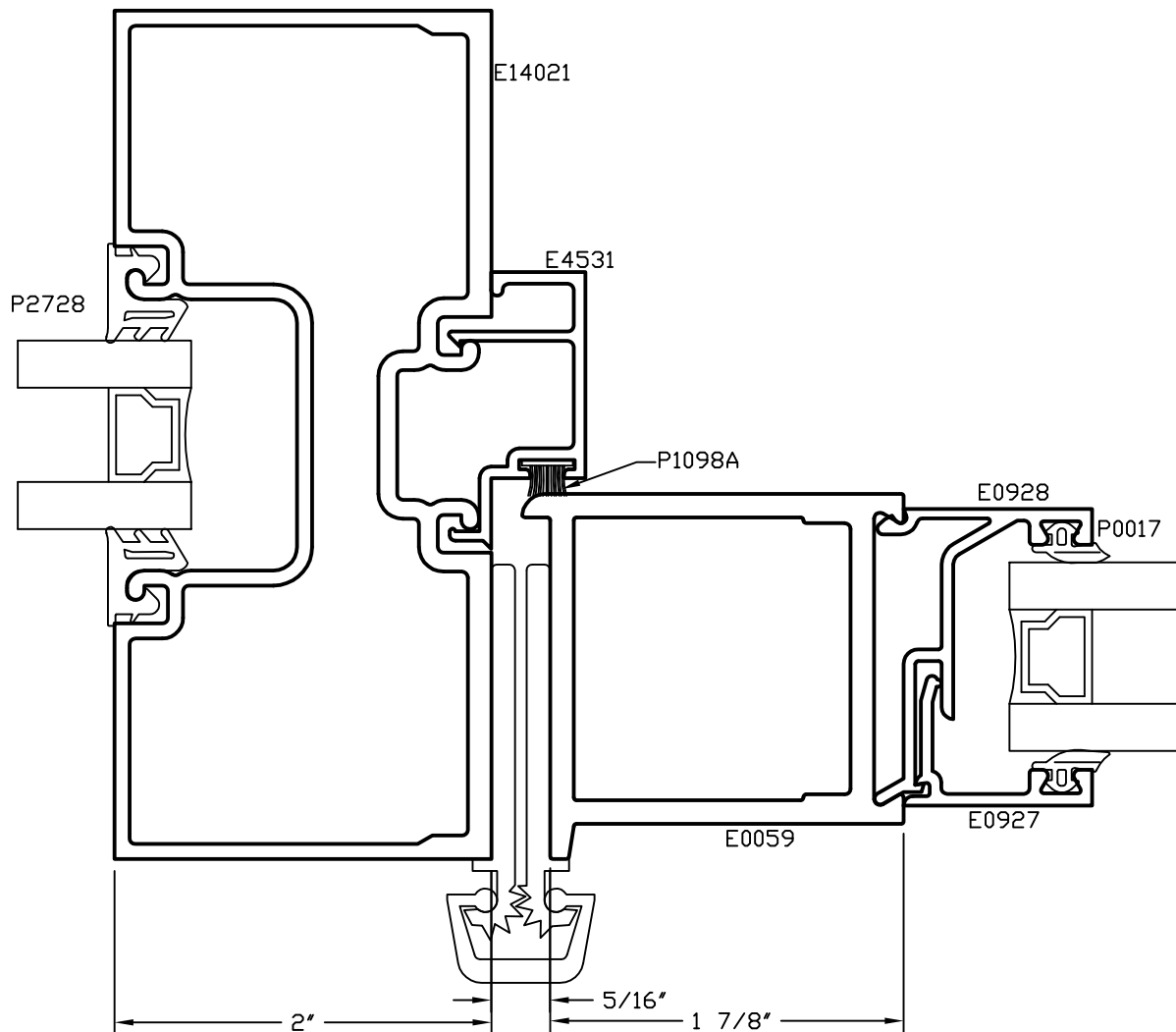
*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

14.31b

E14000 Series Flush Glaze

Door Jamb - Narrow Stile With Continuous Hinge

CAD DETAIL FILE NO.
190DRJBNSCH



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LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS

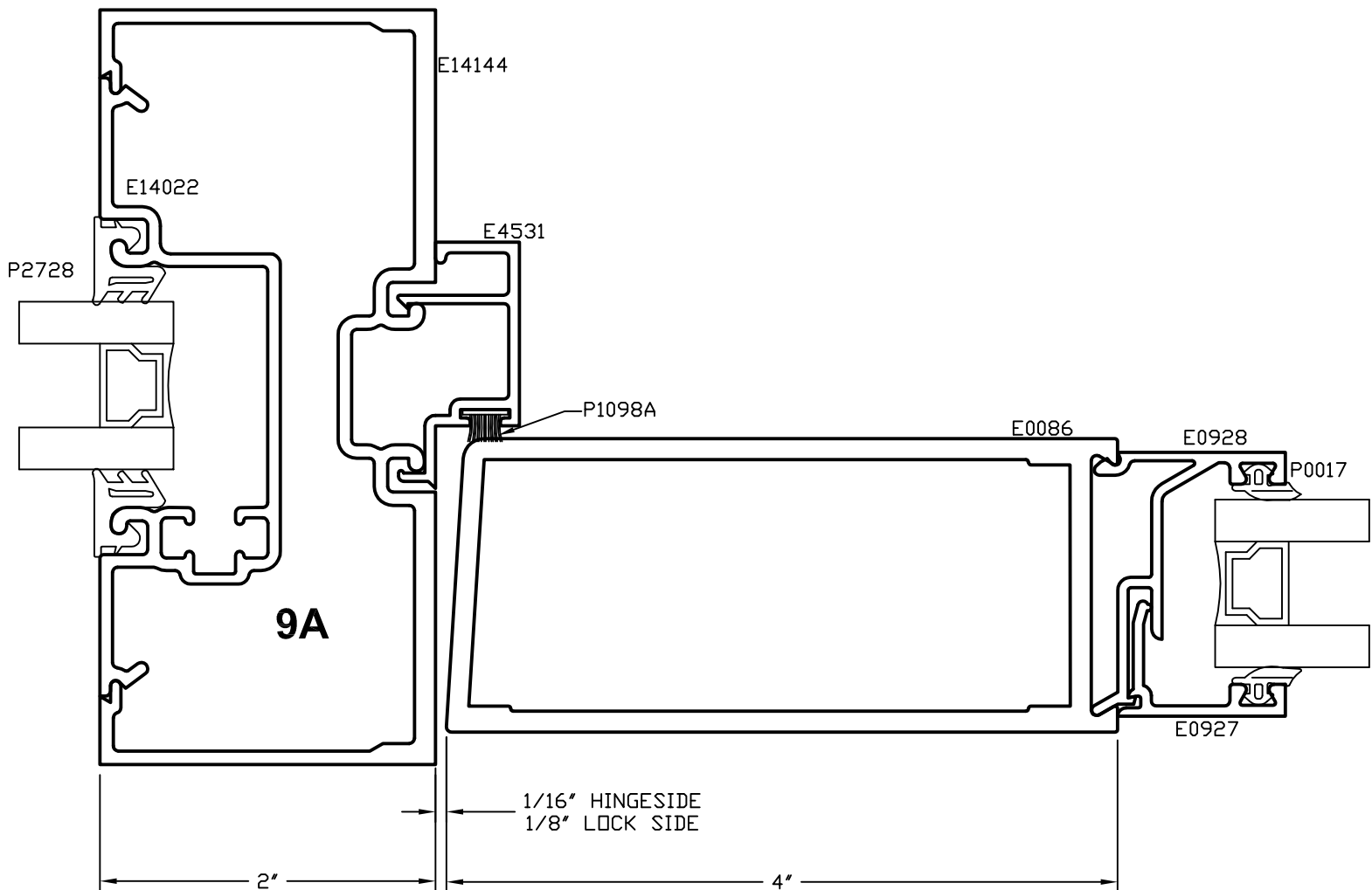
2013

*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

14.31c

E14000 Series Flush Glaze
Door Jamb - Medium Stile Offset Pivot or Butt Hinge

CAD DETAIL FILE NO.
190DRJBMS1



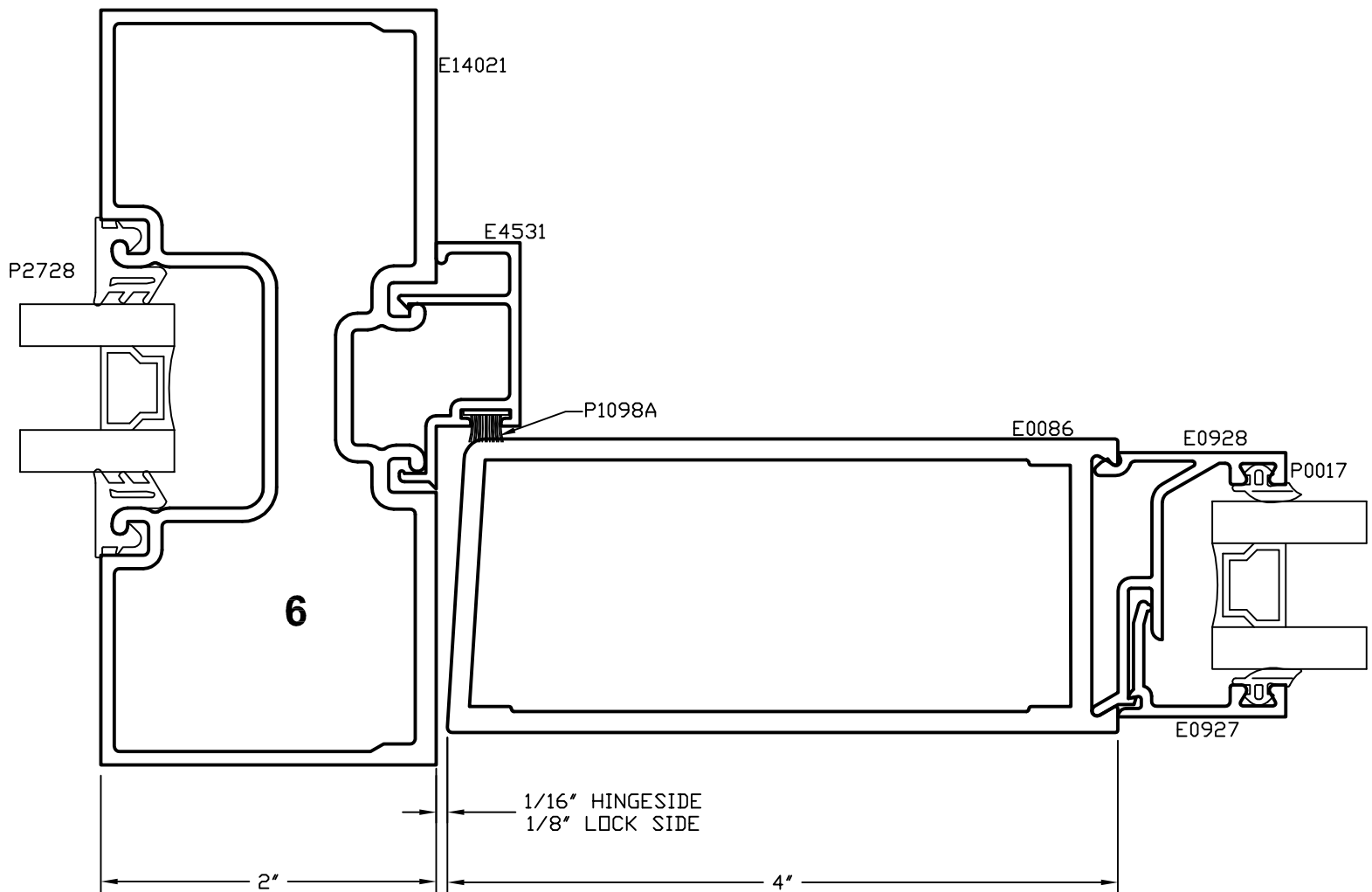
*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

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LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS
2013

14.31d

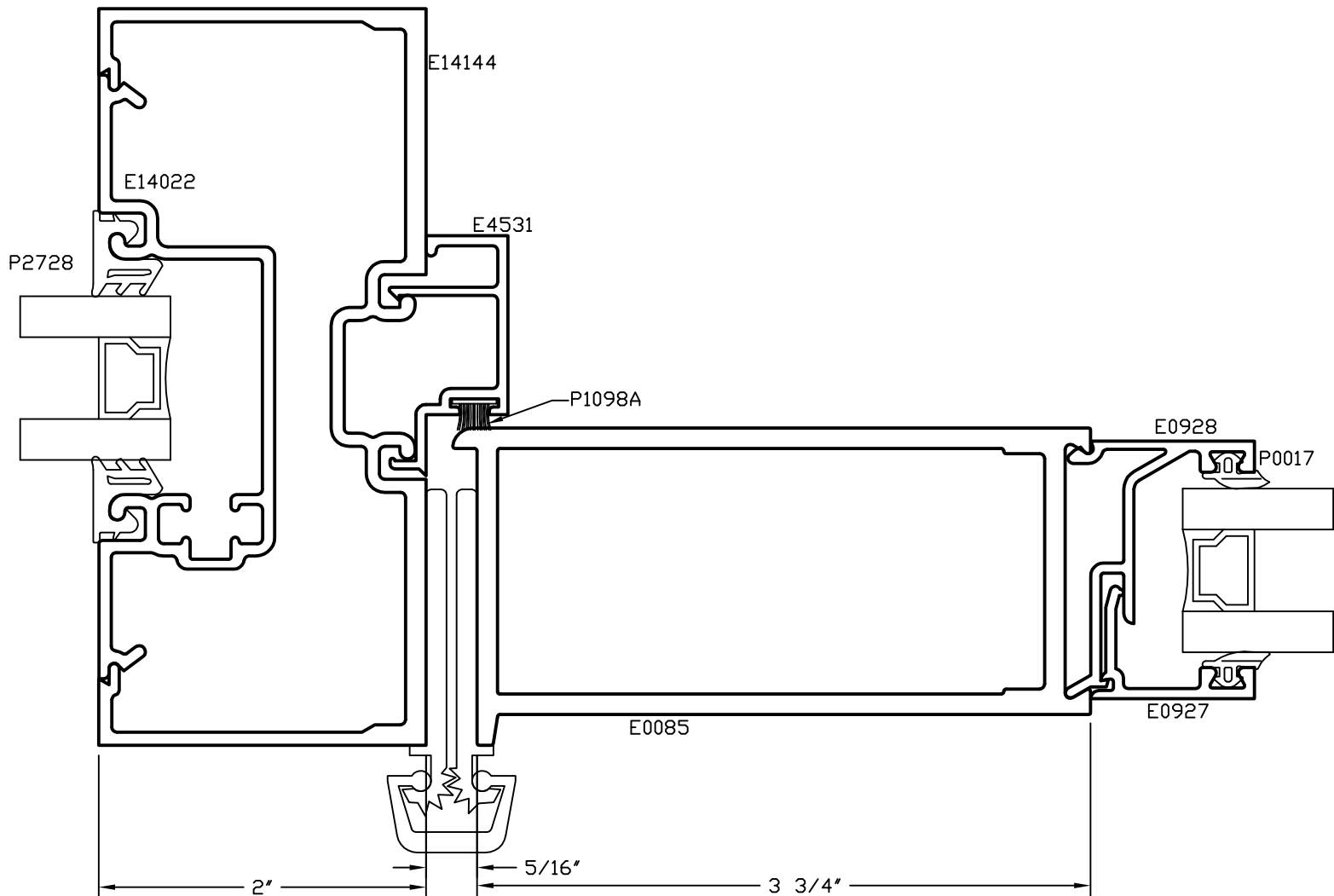
E14000 Series Flush Glaze

Door Jamb - Medium Stile Offset Pivot or Butt Hinge



14.31e
E14000 Series Flush Glaze
Door Jamb - Medium Stile With Continuous Hinge

CAD DETAIL FILE NO.
190DRJBMSCH1



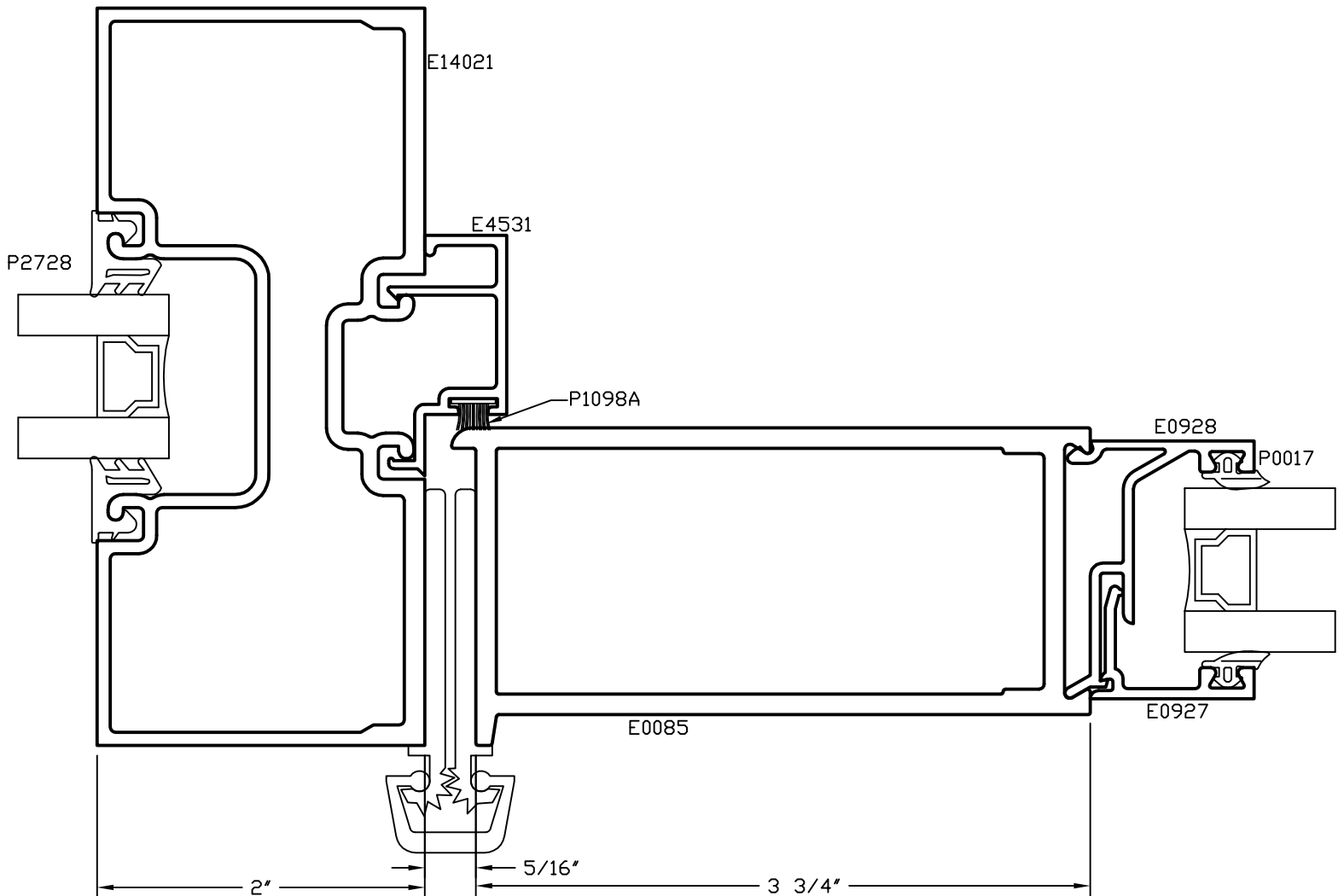
*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

14.31f

E14000 Series Flush Glaze

Door Jamb - Medium Stile With Continuous Hinge

CAD DETAIL FILE NO.
190DRJBMSCH



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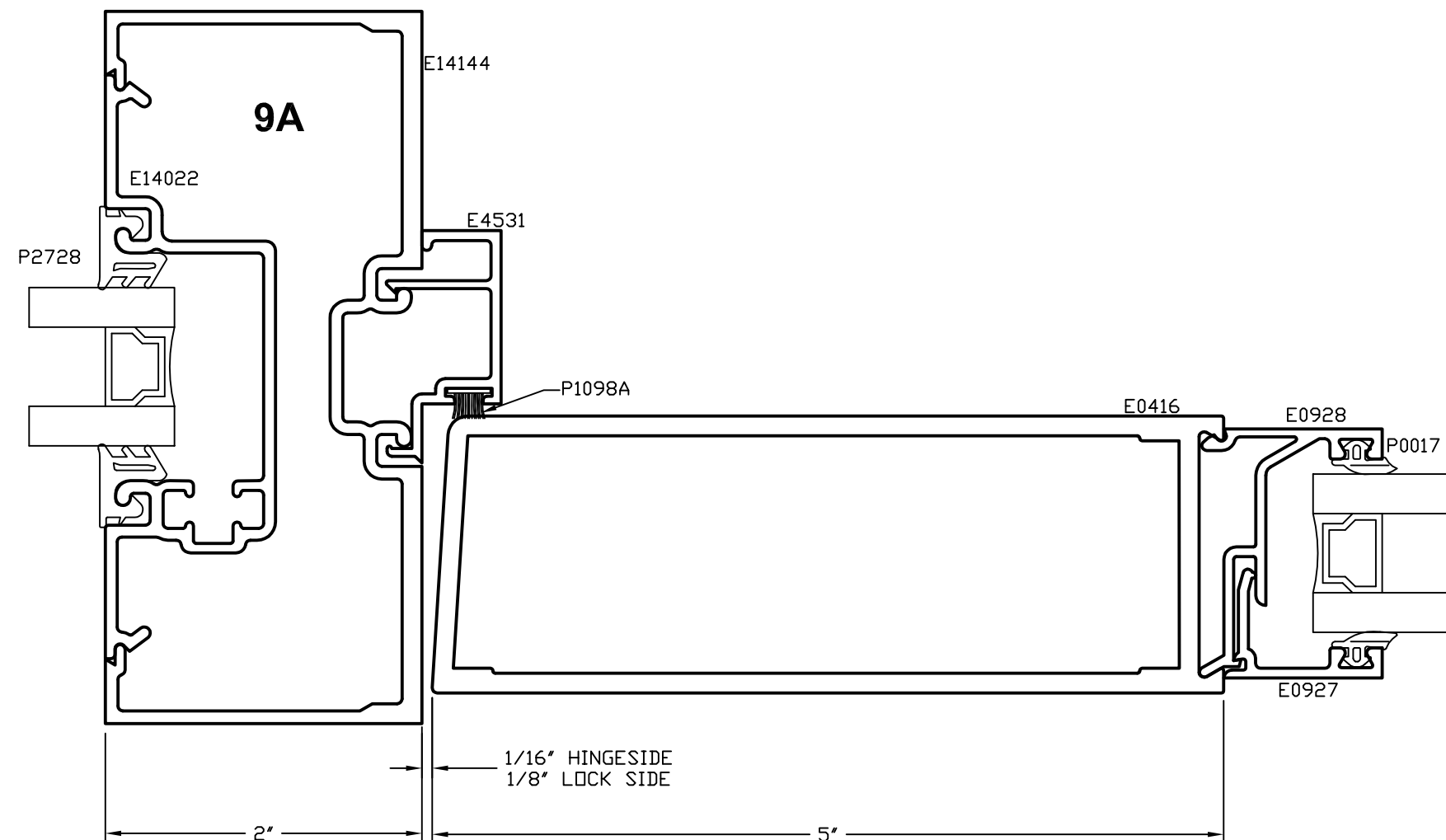
LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS

2013

*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

14.31g
E14000 Series Flush Glaze
Door Jamb - Wide Stile Offset Pivot or Butt Hinge

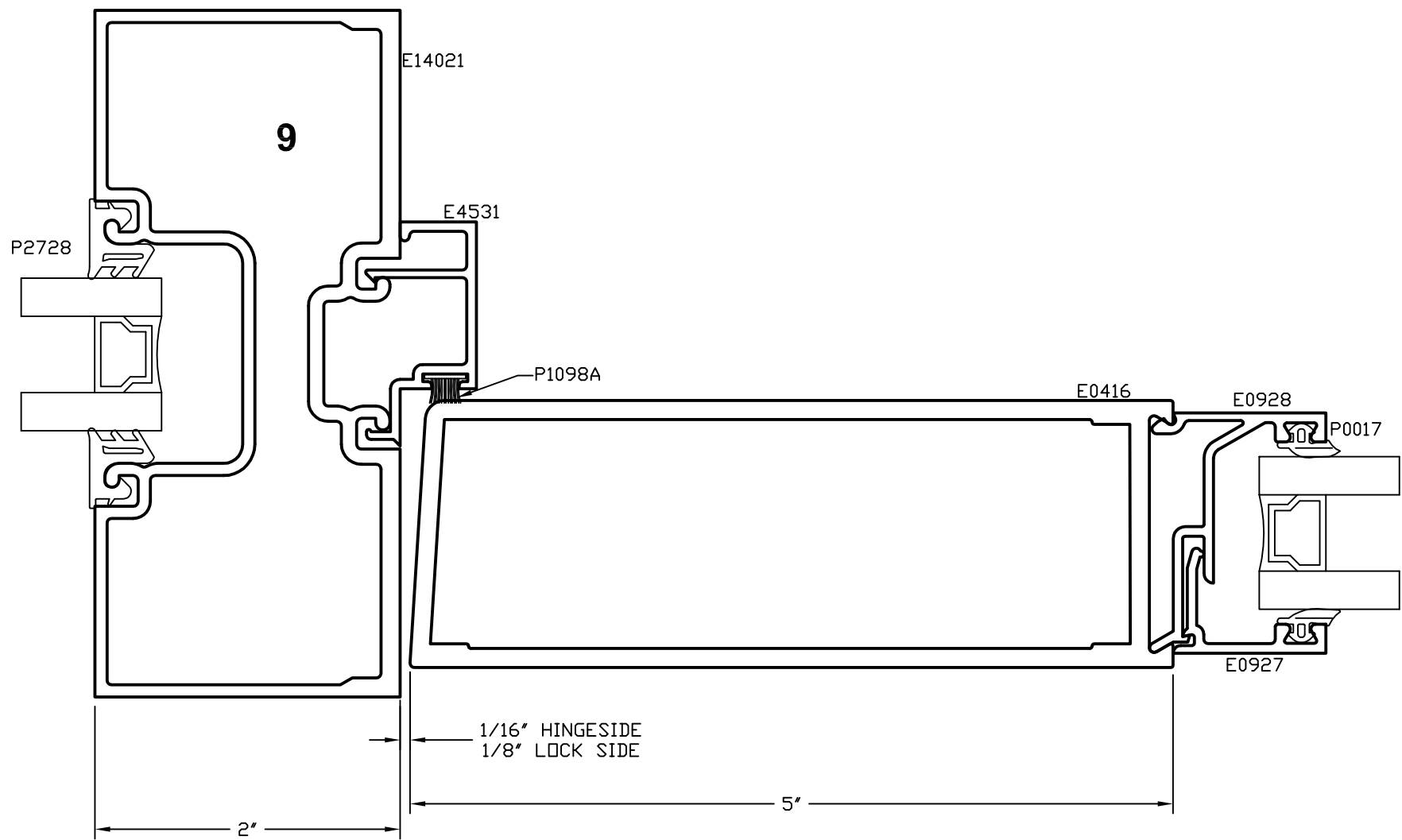
CAD DETAIL FILE NO.
190DRJBWS1



*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

14.31h
E14000 Series Flush Glaze
Door Jamb - Wide Stile Offset Pivot or Butt Hinge

CAD DETAIL FILE NO.
190DRJBWS

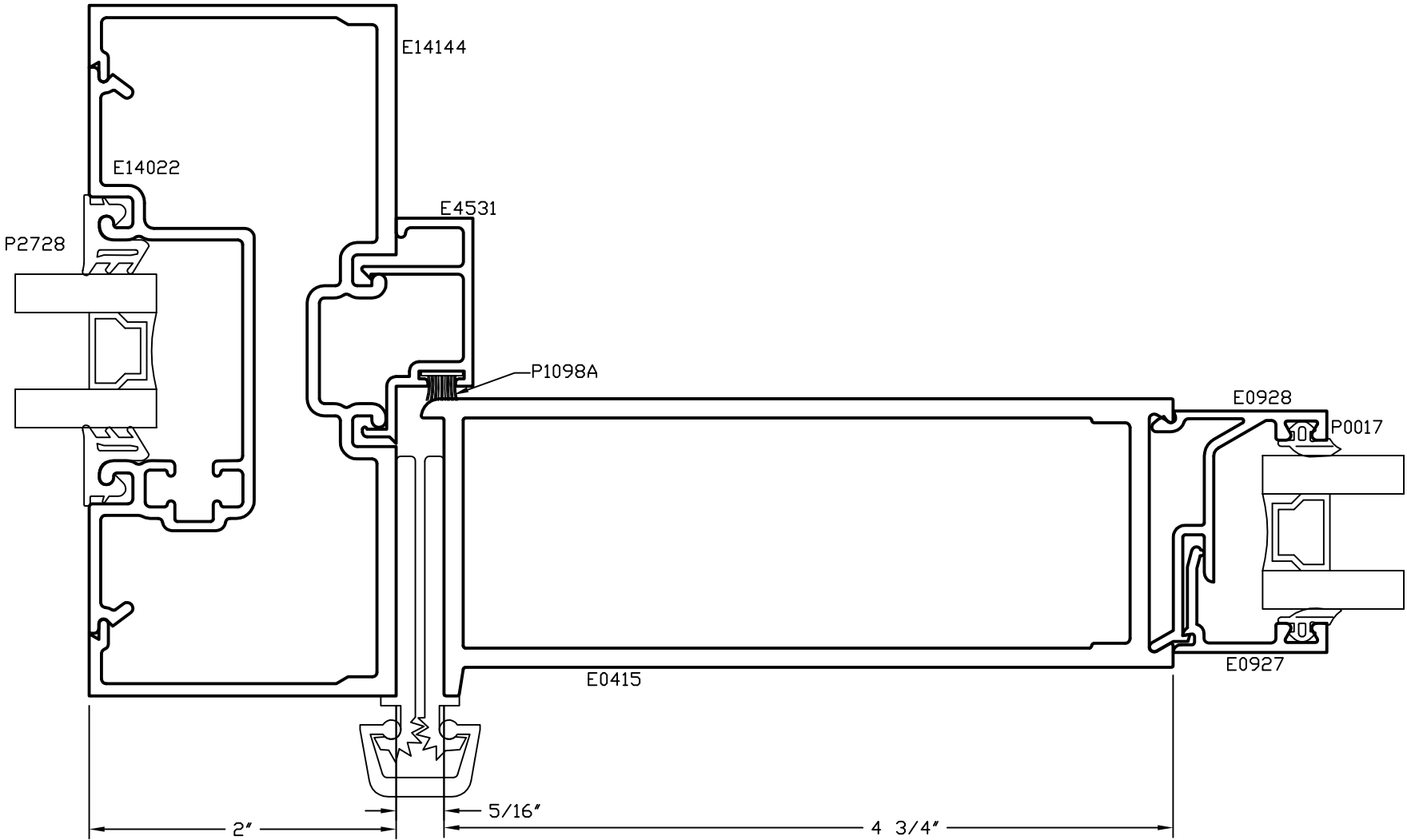


14.31i

E14000 Series Flush Glaze

Door Jamb - Wide Stile With Continuous Hinge

CAD DETAIL FILE NO.
190DRJBWSCH1



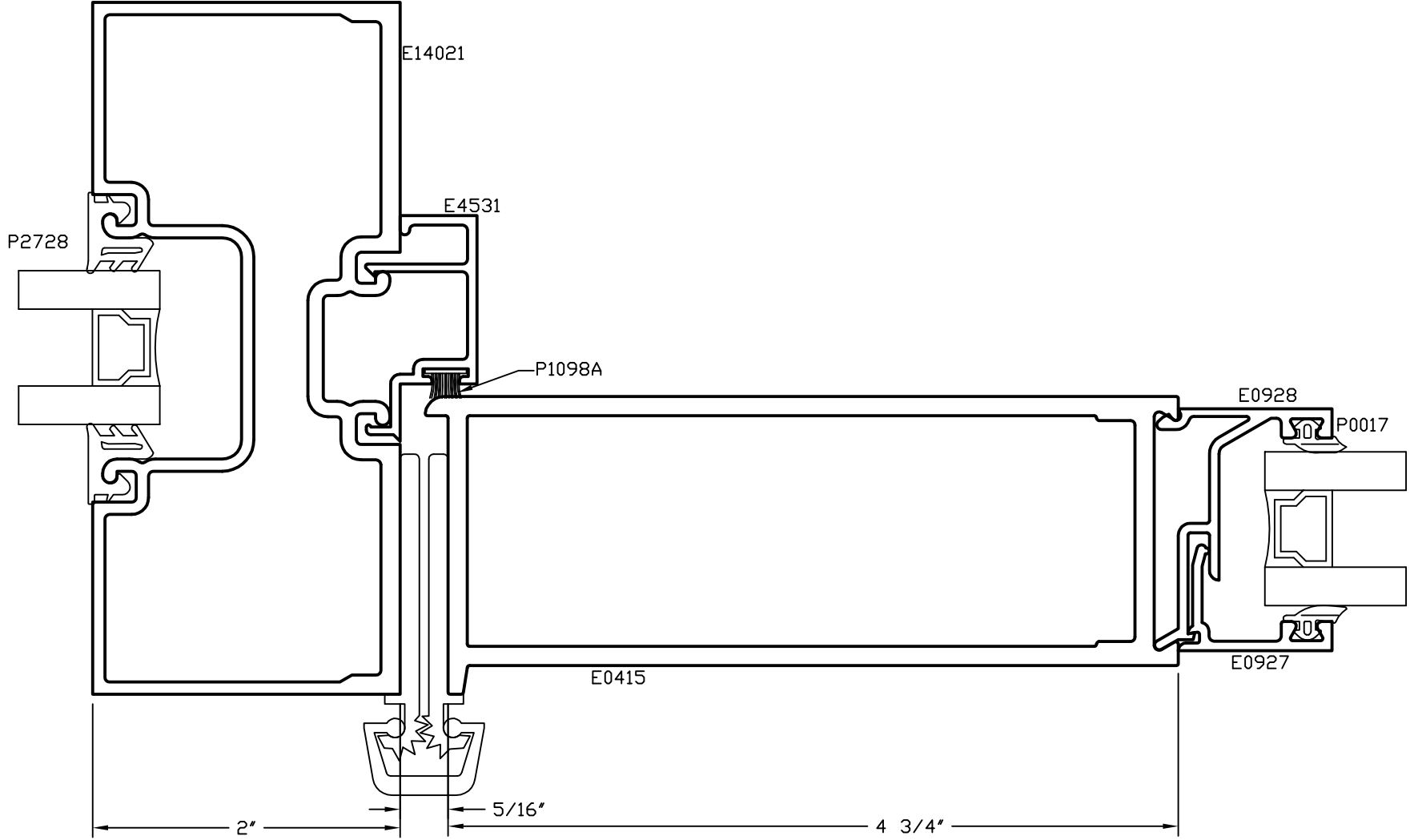
*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

14.31j

E14000 Series Flush Glaze

Door Jamb - Wide Stile With Continuous Hinge

CAD DETAIL FILE NO.
190DRJBWSCH

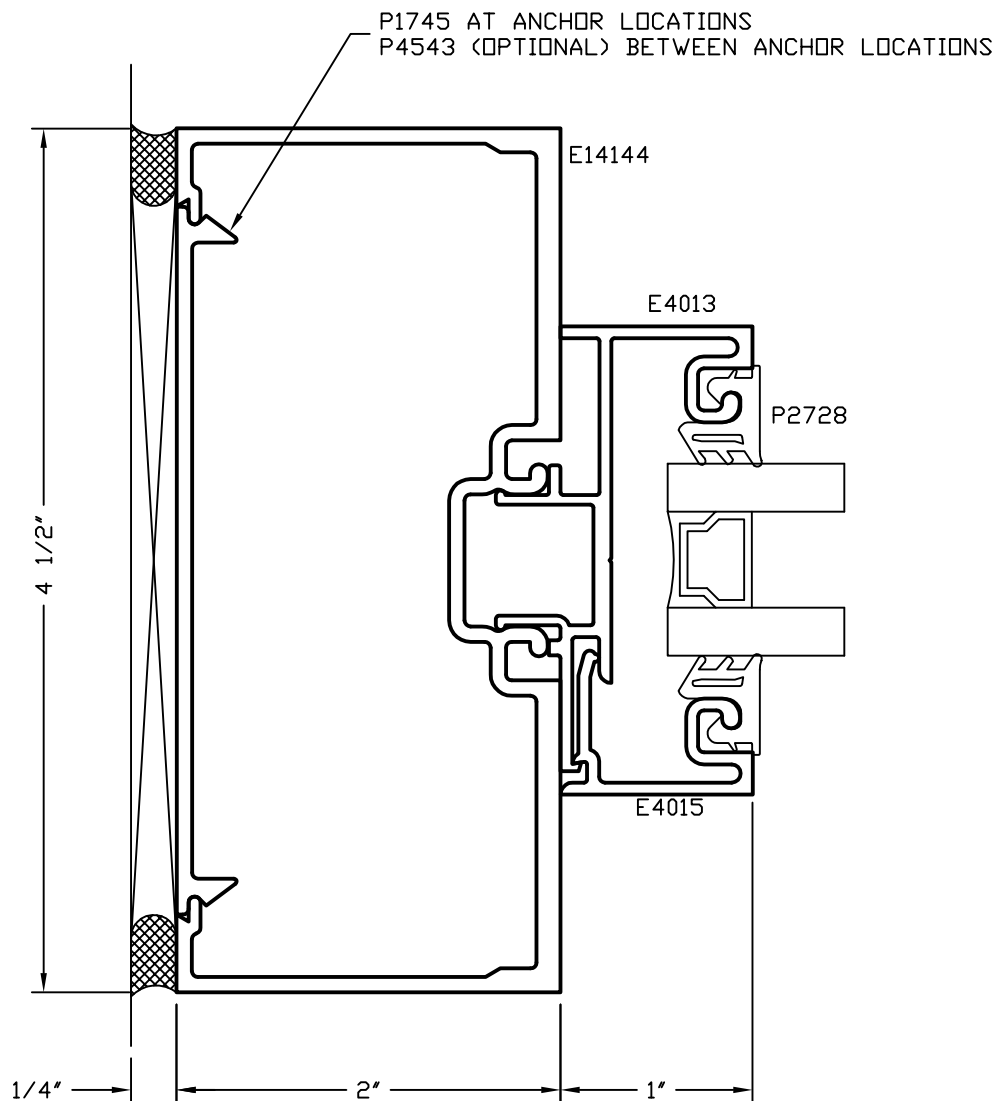


14.32

E14000 Series Flush Glaze

Door Jamb With Transom

CAD DETAIL FILE NO.
190DRVS8



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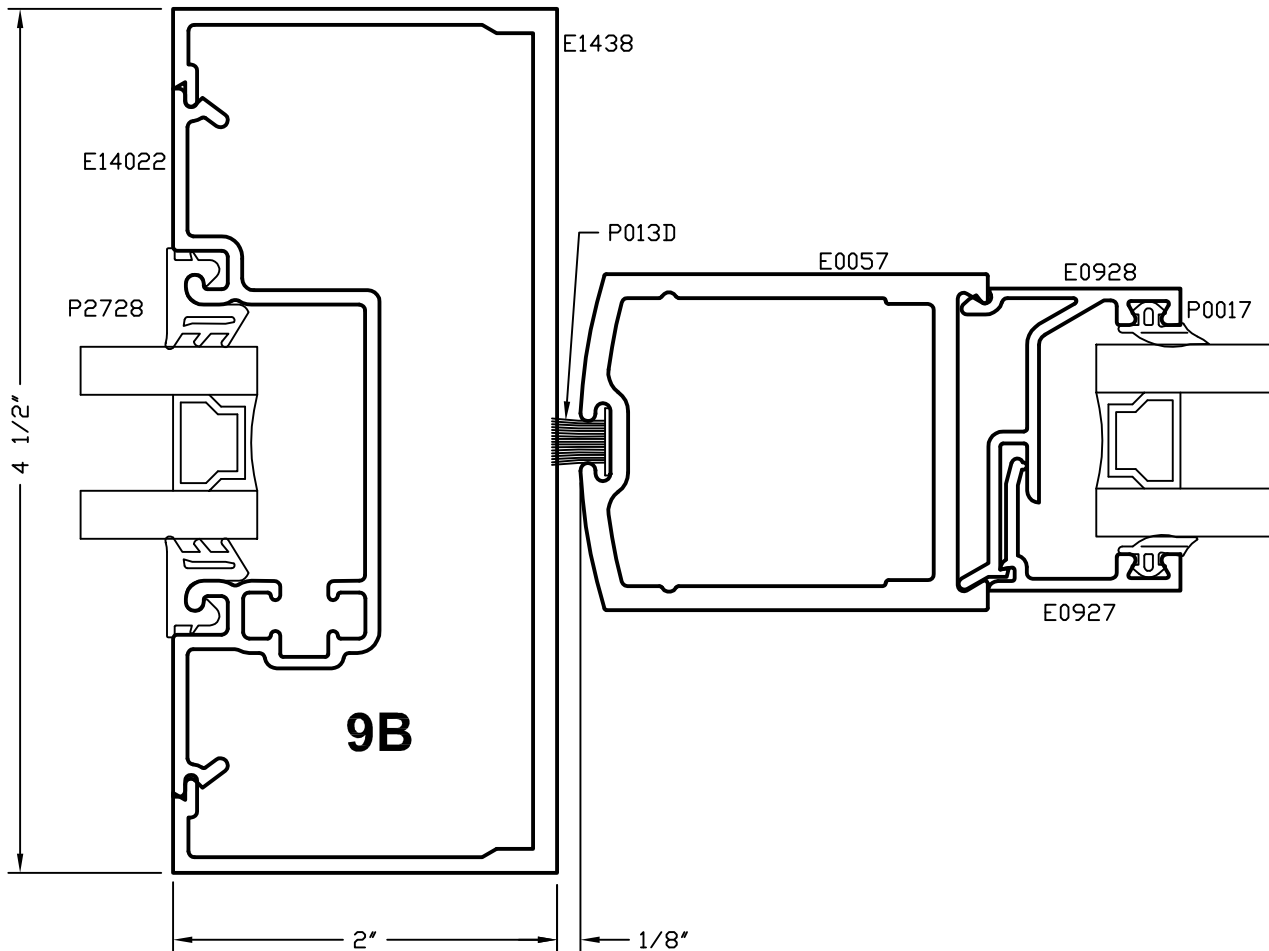
LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS

2010

*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

E14000 Series Flush Glaze Door Jamb With Sidelight - Center Pivot

CAD DETAIL FILE NO.
190DRVS13



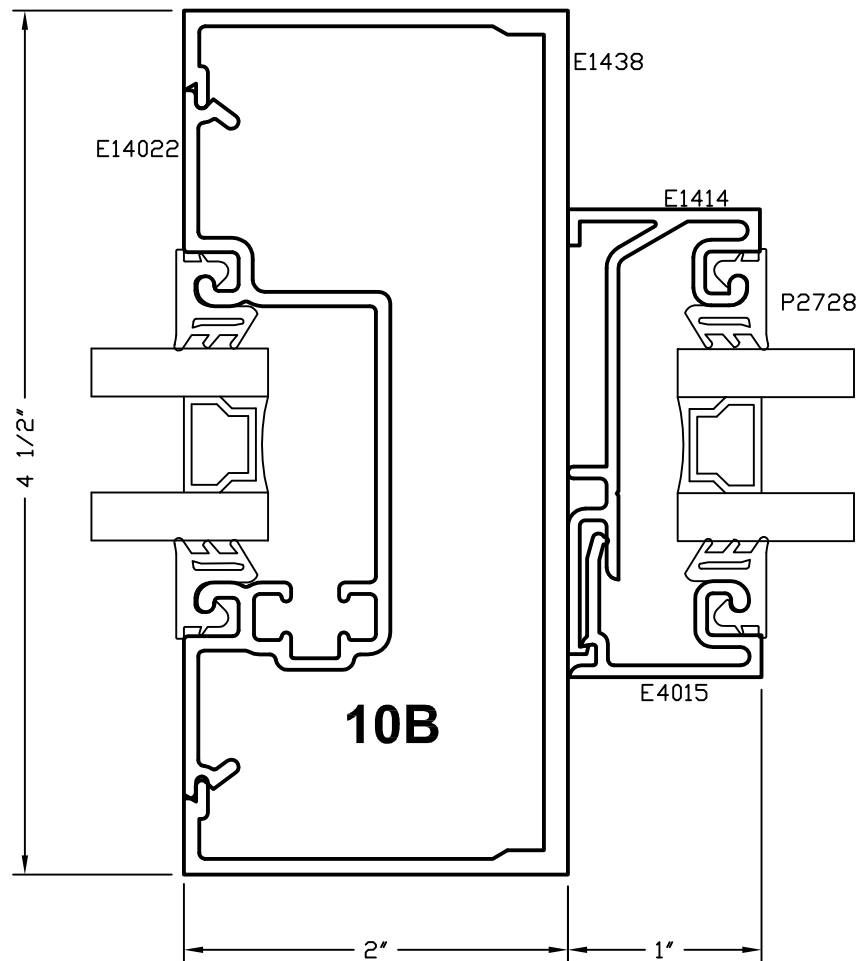
*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

14.34

E14000 Series Flush Glaze

Transom Jamb With Sidelight

CAD DETAIL FILE NO.
190DRV14



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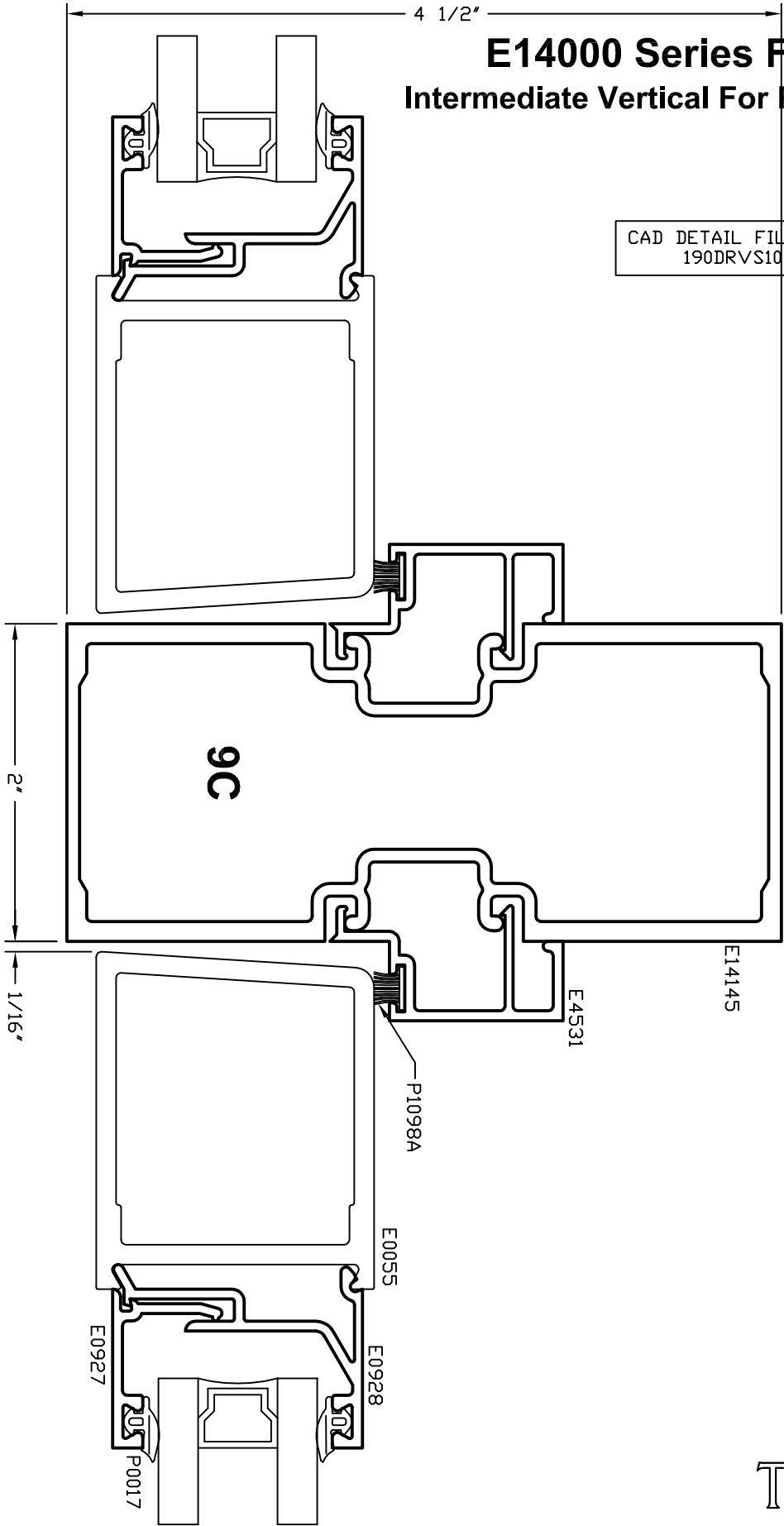
LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS

2013

*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

**E14000 Series Flush Glaze
Intermediate Vertical For Pairs of Doors**

CAD DETAIL FILE NO.
190DRVS10



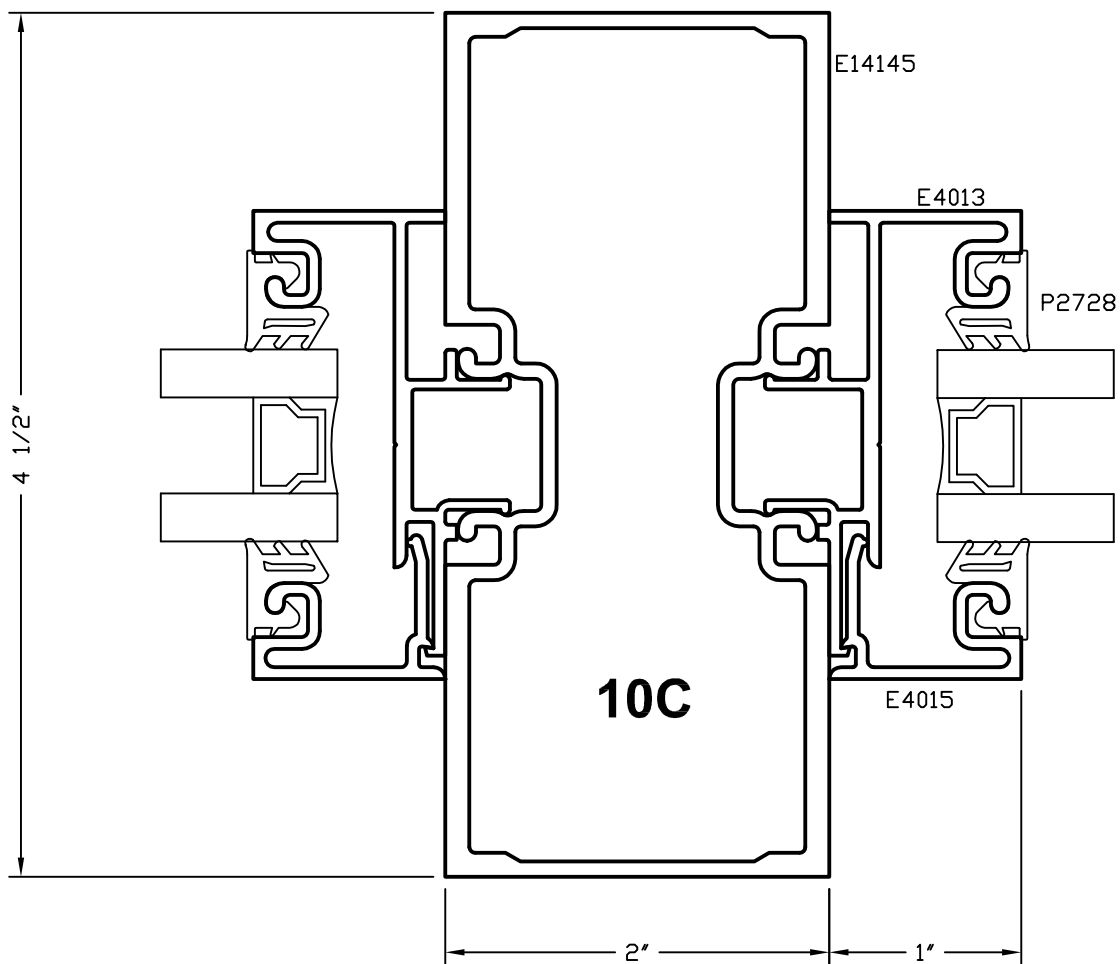
*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

14.36

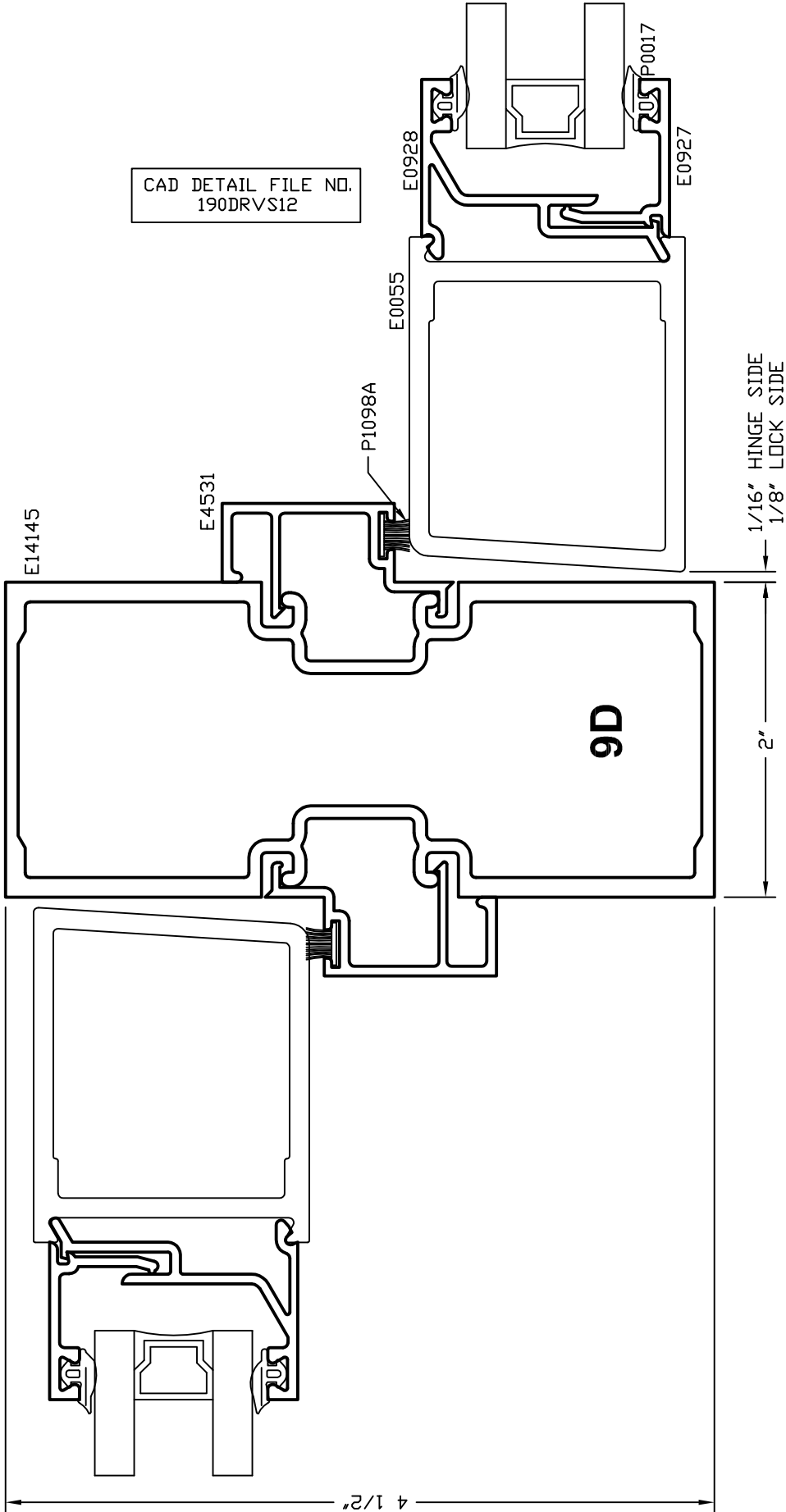
E14000 Series Flush Glaze

Intermediate Vertical For Pairs of Doors With Transom

CAD DETAIL FILE NO.
190DRV10



E14000 Series Flush Glaze
Intermediate Vertical For Pairs Of Doors



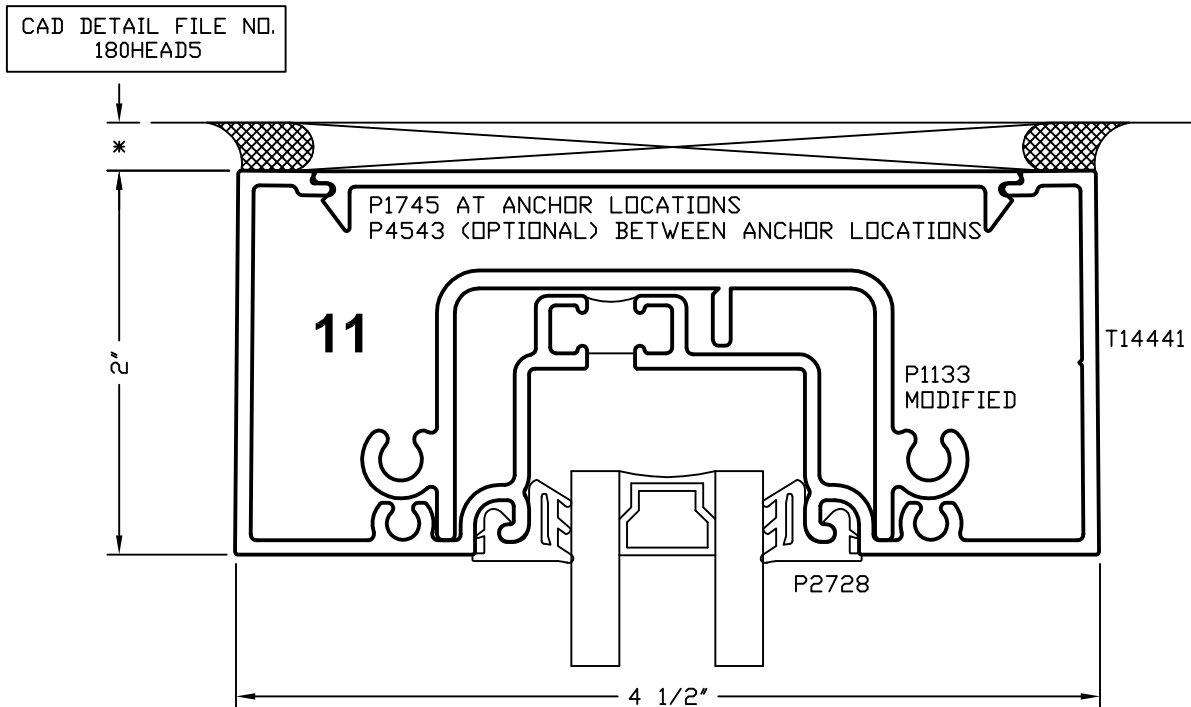
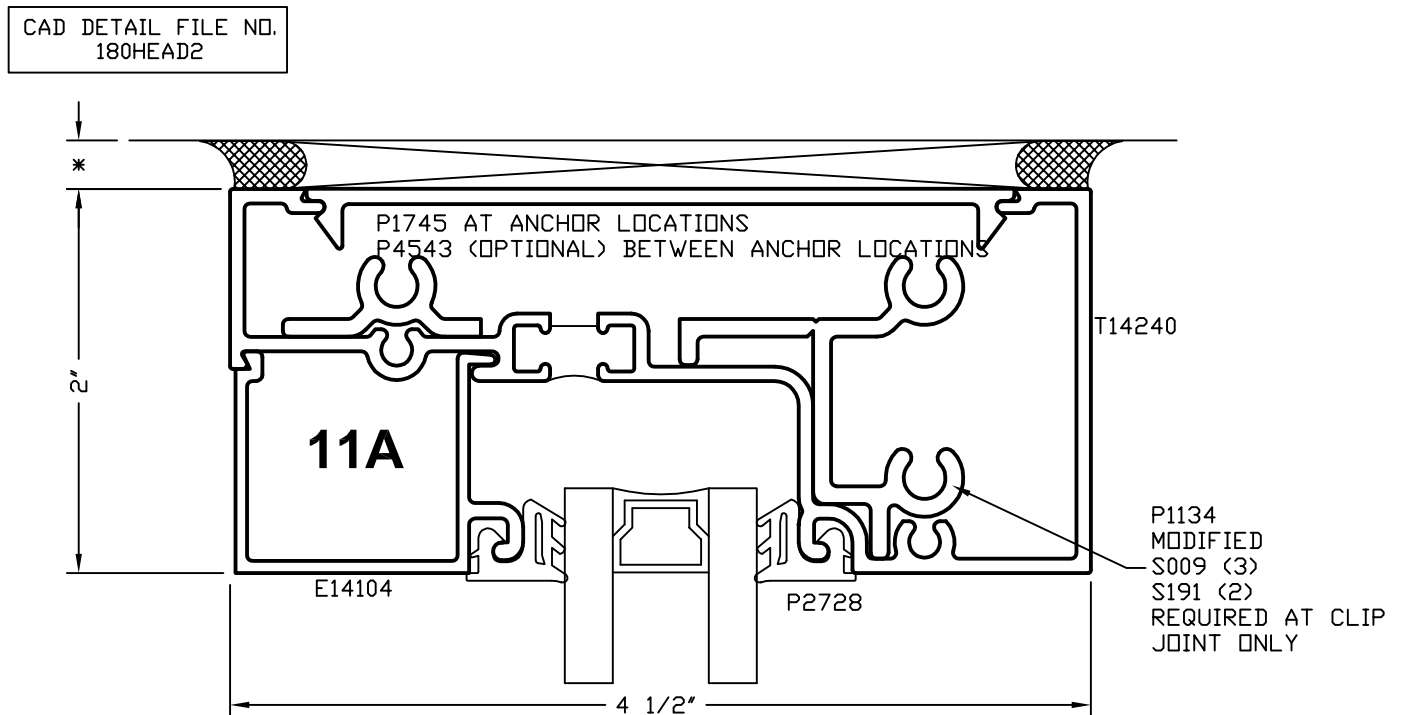
CAD DETAIL FILE NO.
190DRVS12

14.38

T14000 Series Flush Glaze Standard and Alternate Head Members

* 1/2" WHEN USING E-14259 FLASHING

* 1/4" WHEN USING E-45159 FLASHING



14.38A

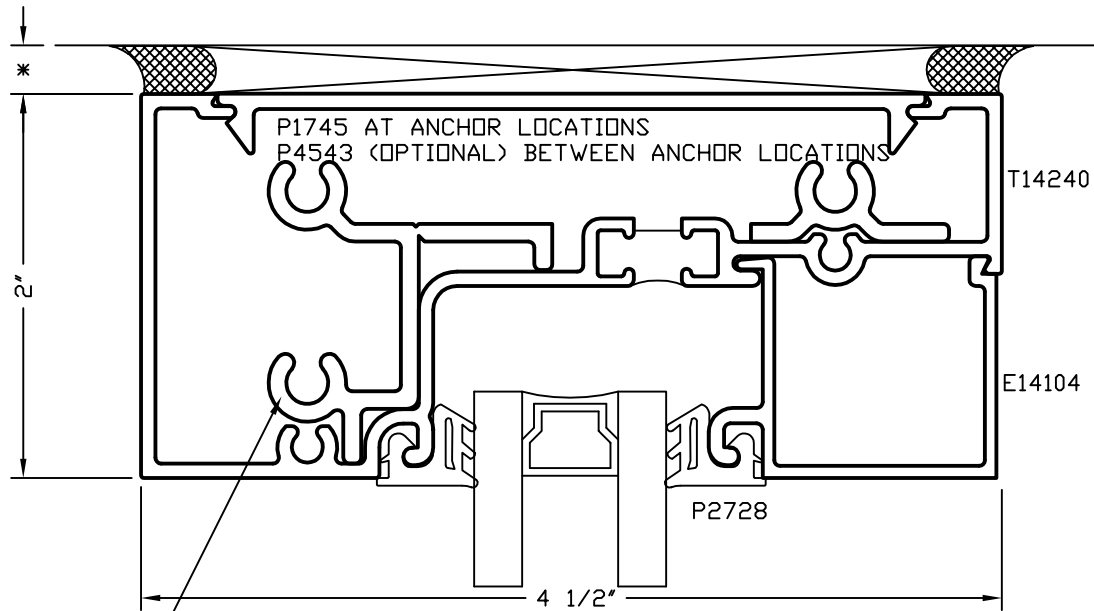
T14000 Series Flush Glaze

Inside Glazed Head and Intermediate Vertical

* 1/2" WHEN USING E-14259 FLASHING

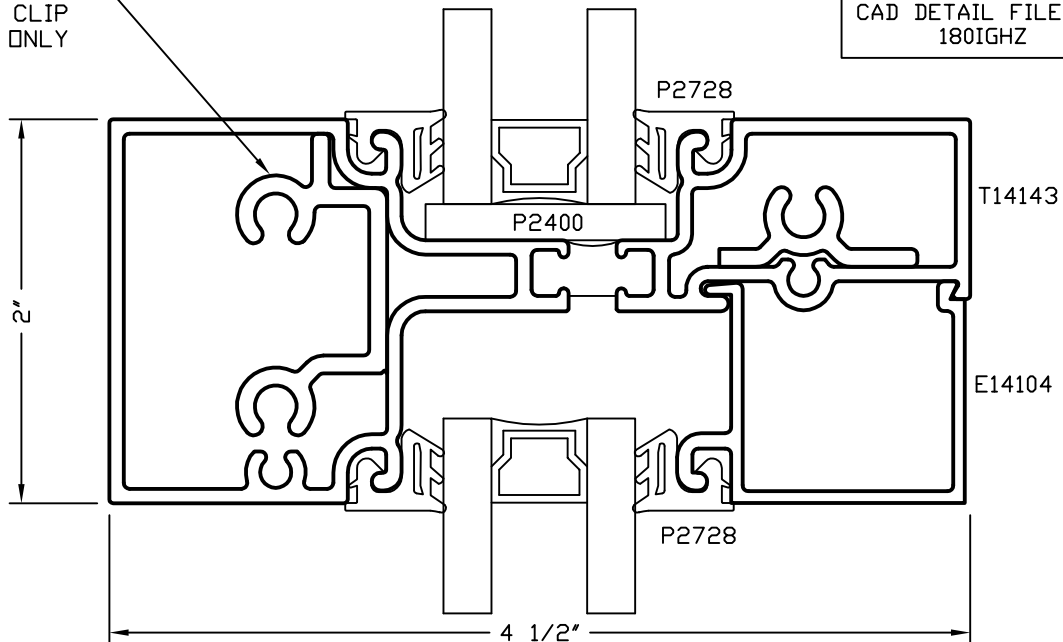
* 1/4" WHEN USING E-45159 FLASHING

CAD DETAIL FILE NO.
180IGHD



P1134
MODIFIED
S009 (3)
S191 (2)
REQUIRED AT CLIP
JOINT ONLY

CAD DETAIL FILE NO.
180IGHZ



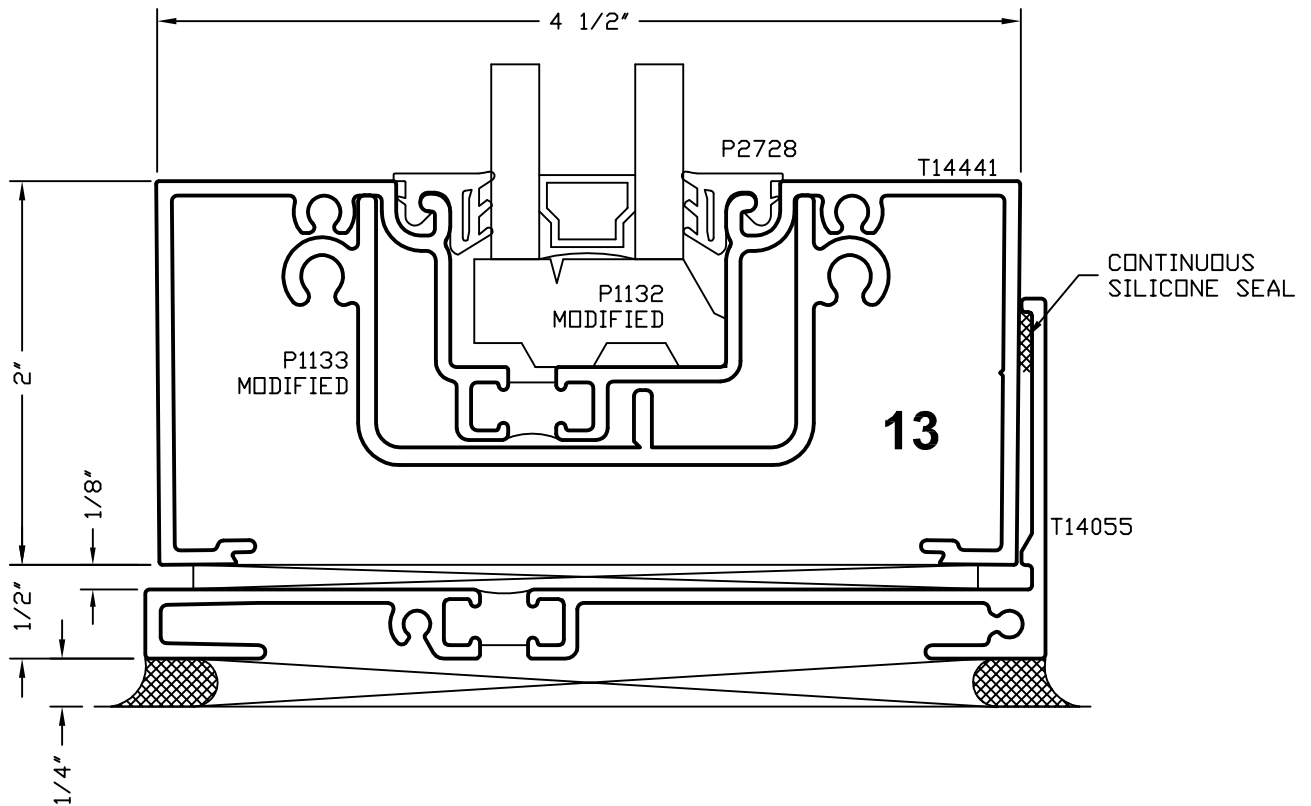
*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

14.38B

T14000 Series Flush Glaze

Inside Glazed Sill Member

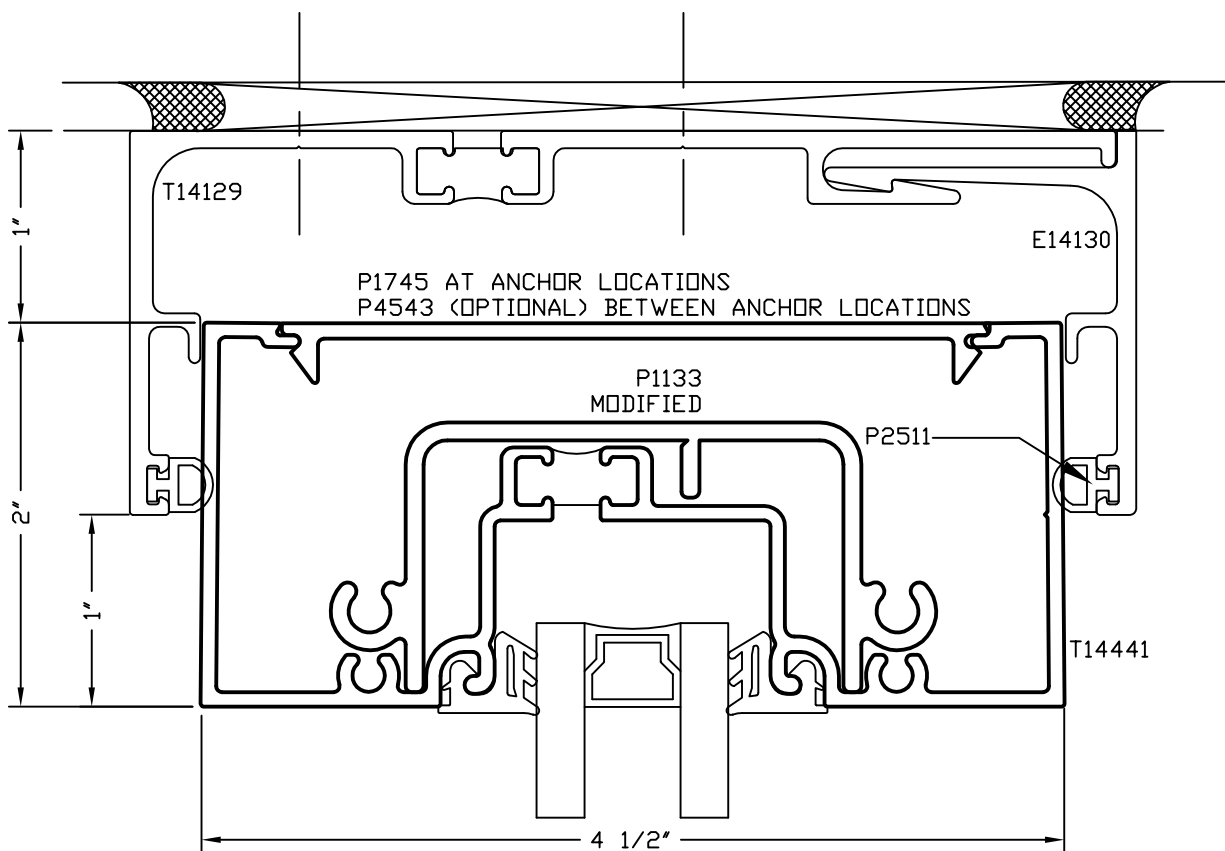
CAD DETAIL FILE NO.
180IGSL



14.39

T14000 Series Flush Glaze Head Receptor

CAD DETAIL FILE NO.
180HEAD4



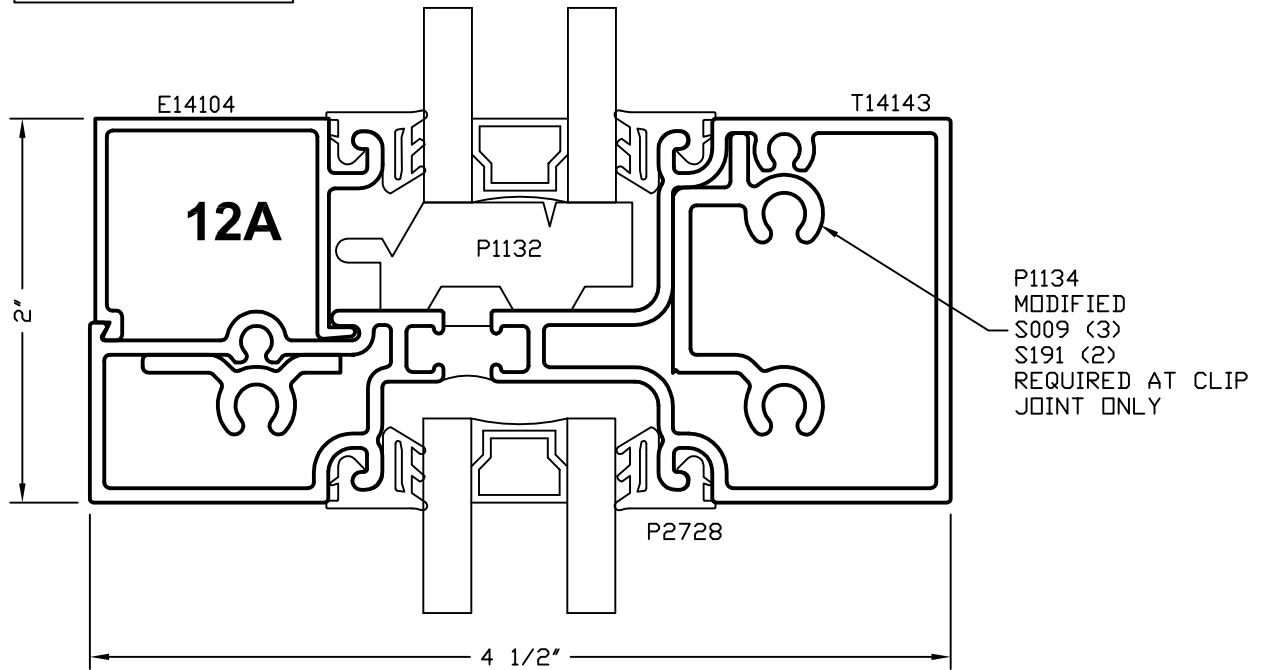
*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

14.40

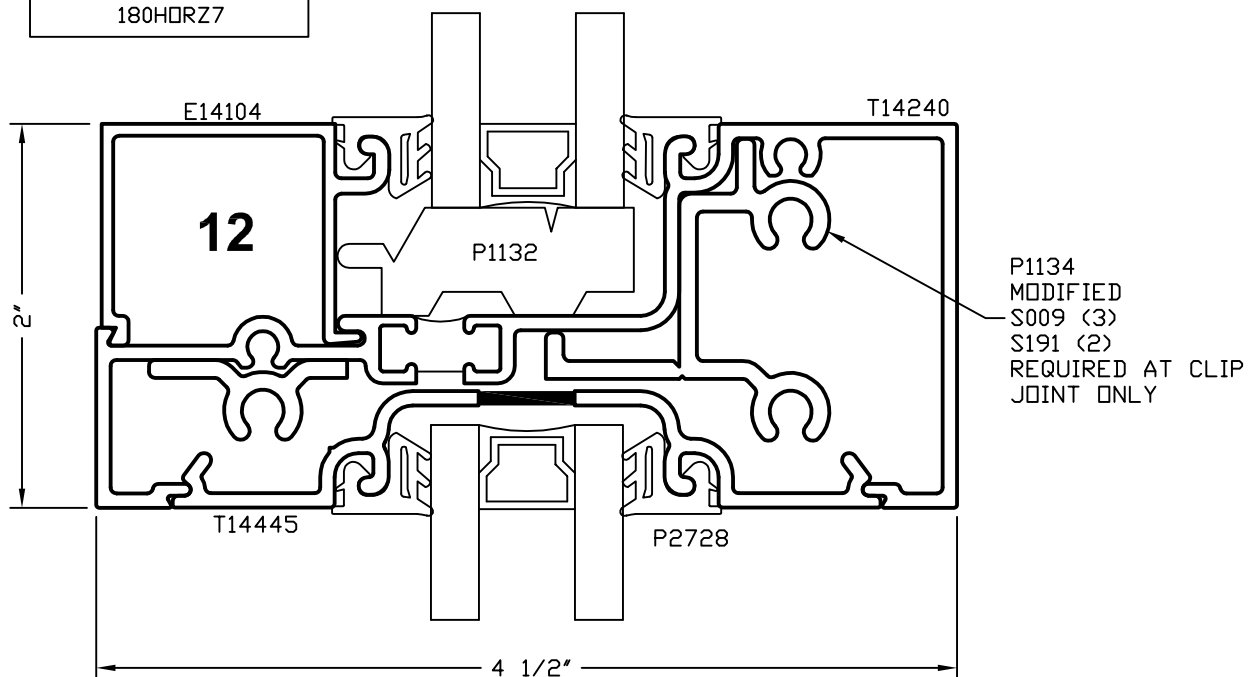
T14000 Series Flush Glaze

Intermediate Horizontals

CAD DETAIL FILE NO.
180HORZ6



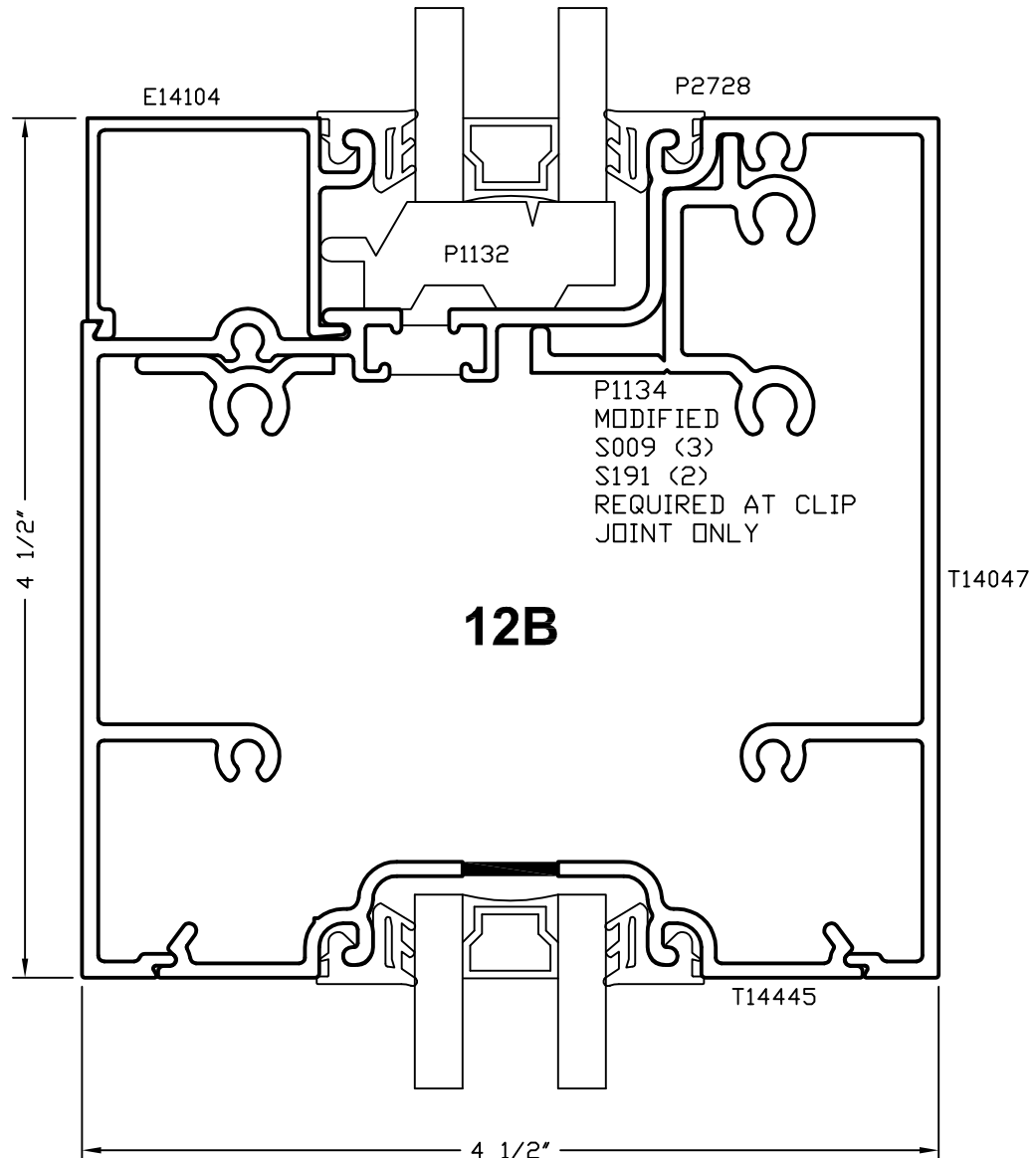
CAD DETAIL FILE NO.
180HORZ7



14.41

T14000 Series Flush Glaze 4 1/2" x 4 1/2" Intermediate Horizontal

CAD DETAIL FILE NO.
180HORZ5



*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

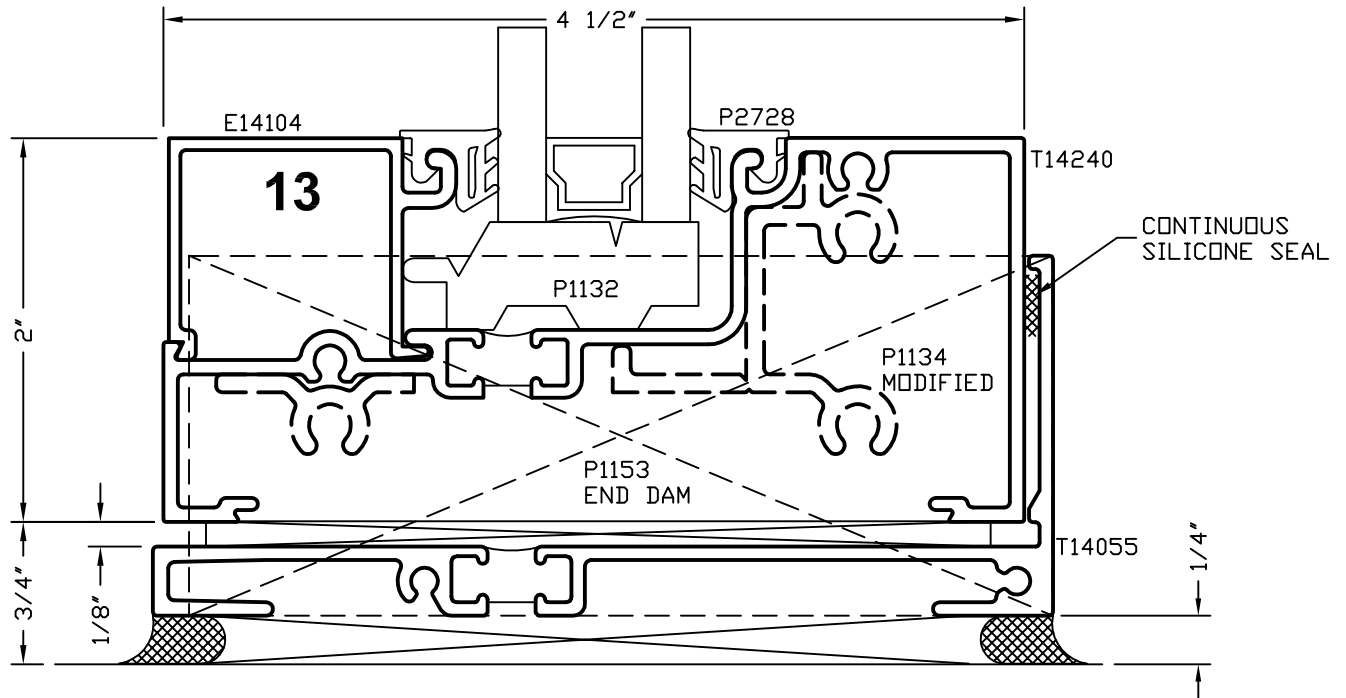
TUBELITE
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CURTAINWALL AND ENTRANCE SYSTEMS
2013

14.42

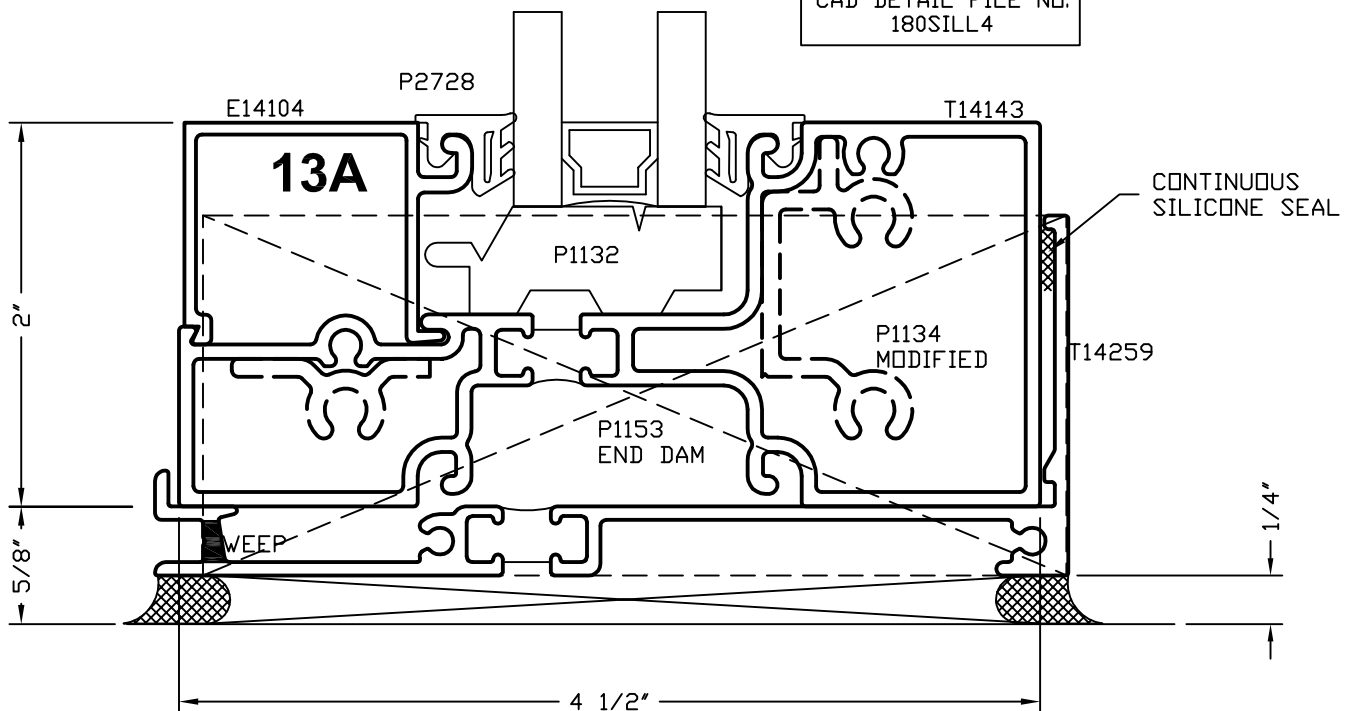
T14000 Series Flush Glaze

Standard and Alternate Sills

CAD DETAIL FILE NO.
180SILL3



CAD DETAIL FILE NO.
180SILL4

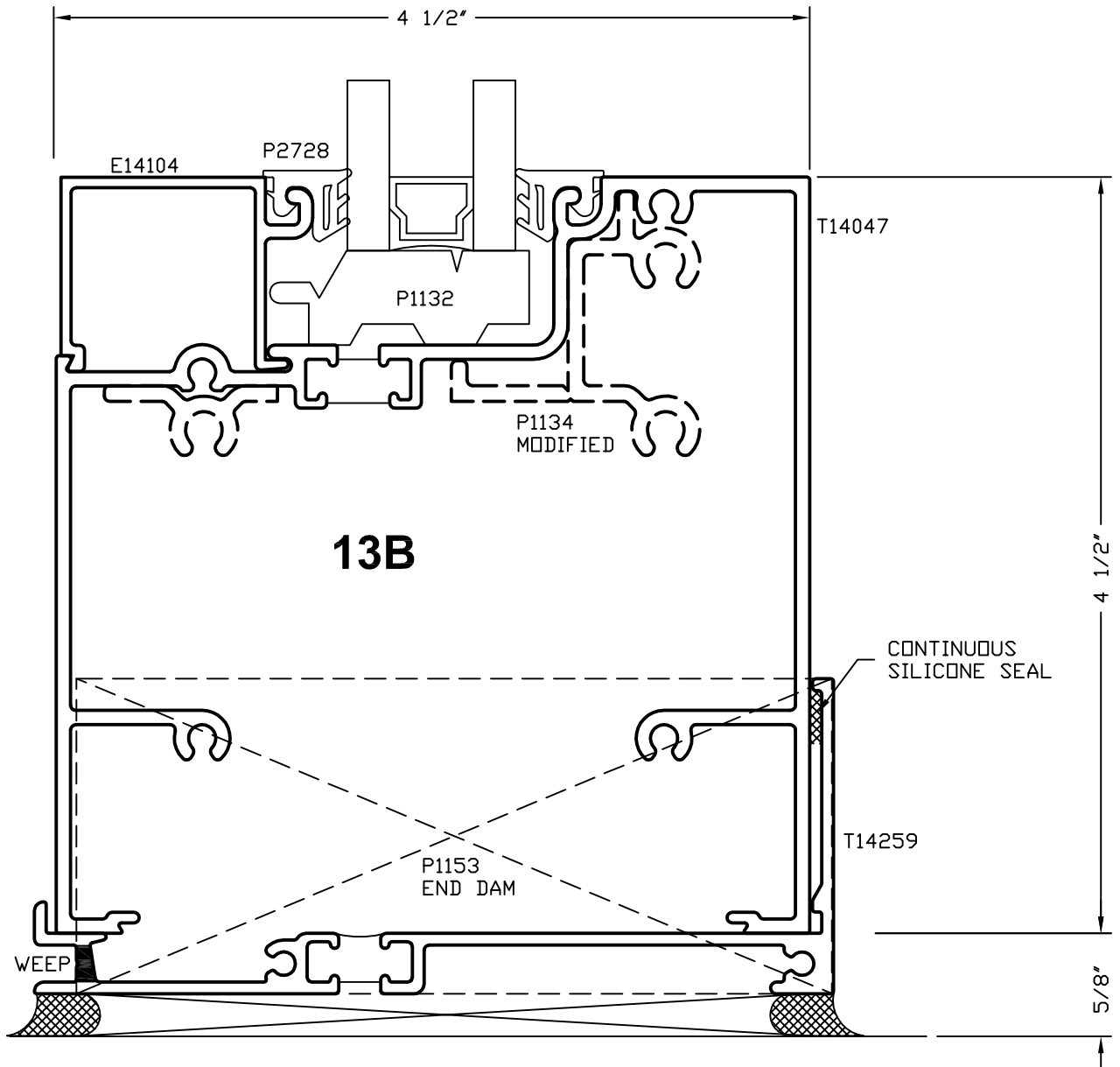


14.43

T14000 Series Flush Glaze

4 1/2" x 4 1/2" Sill

CAD DETAIL FILE NO.
180SILL5



*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

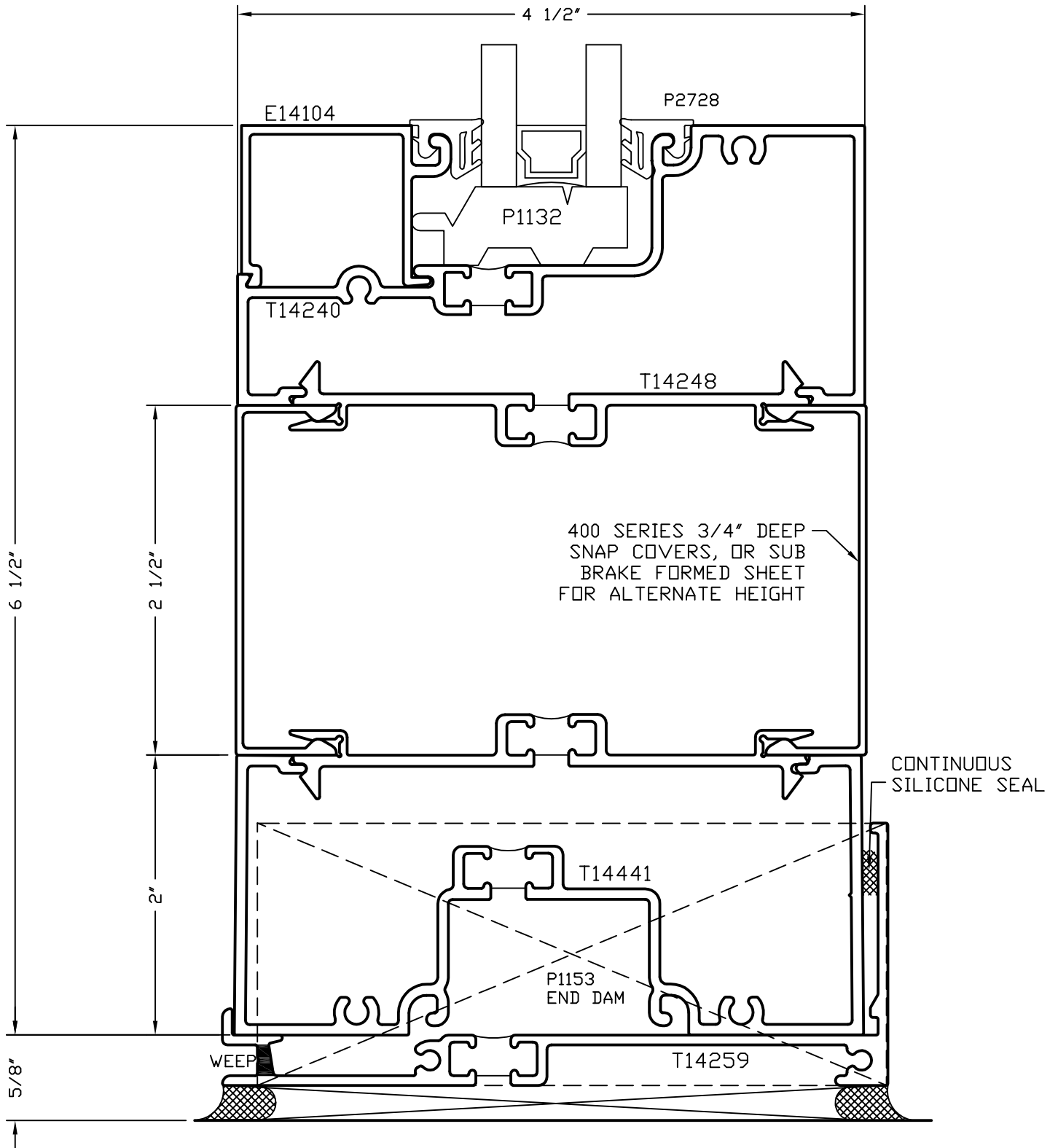
TUBELITE
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CURTAINWALL AND ENTRANCE SYSTEMS
2014

14.43a

T14000 Series Flush Glaze

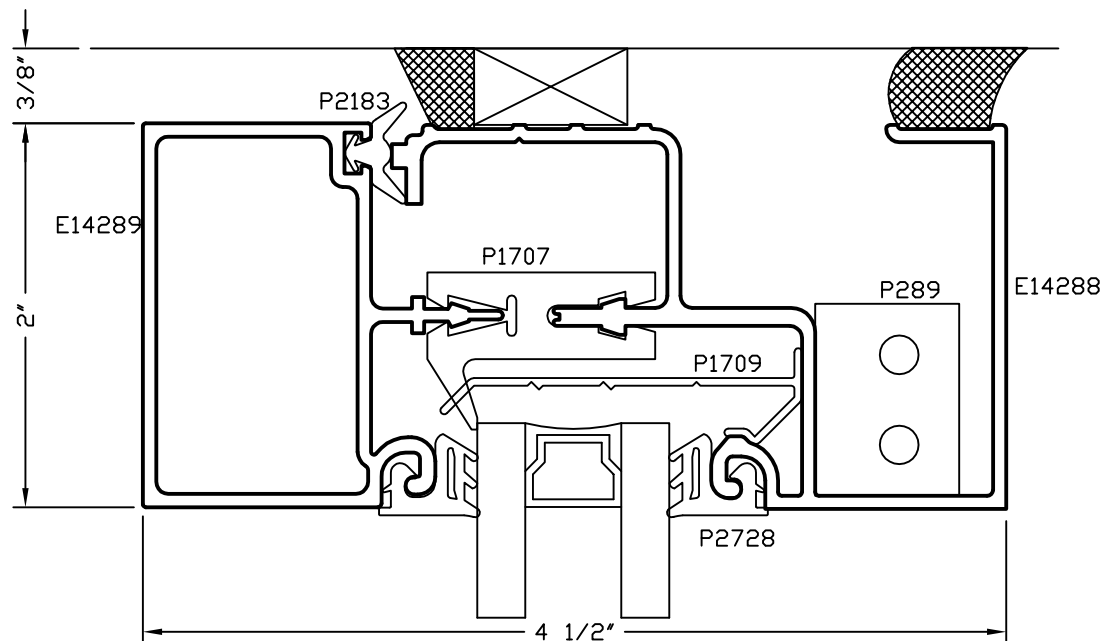
Sill with Sidelight Base Adapter

CAD DETAIL FILE NO.
180SILL12



Page 14.43b
T14000 Series Flush Glaze
Two-Piece Curvable Header

CAD DETAIL FILE NO.
180HEAD17



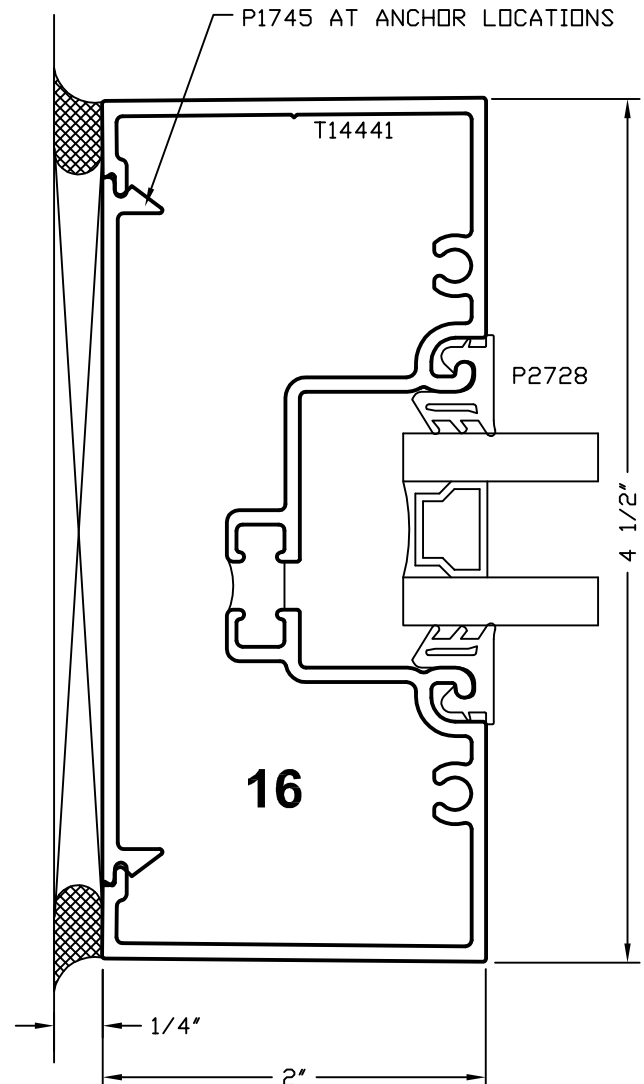
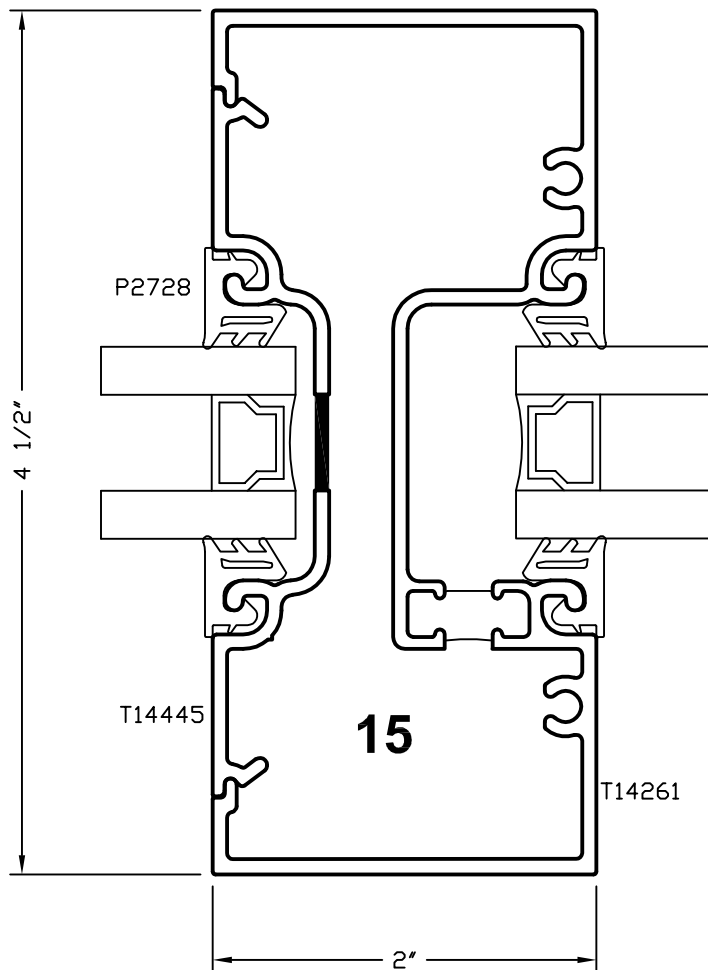
14.44

T14000 Series Flush Glaze

Jamb & Intermediate Vertical

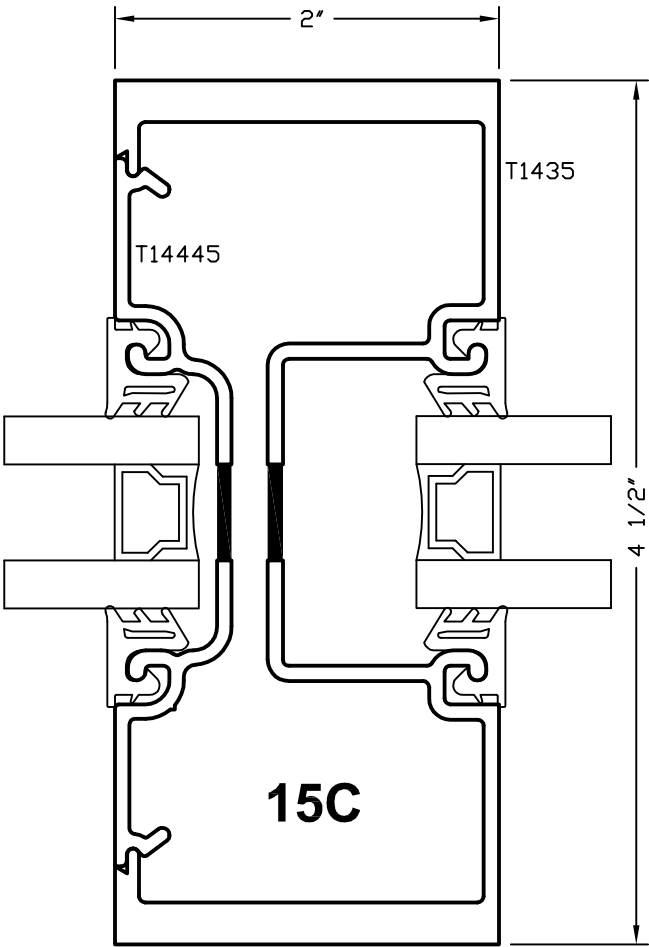
CAD DETAIL FILE NO.
180VERT4

CAD DETAIL FILE NO.
180JAMB1

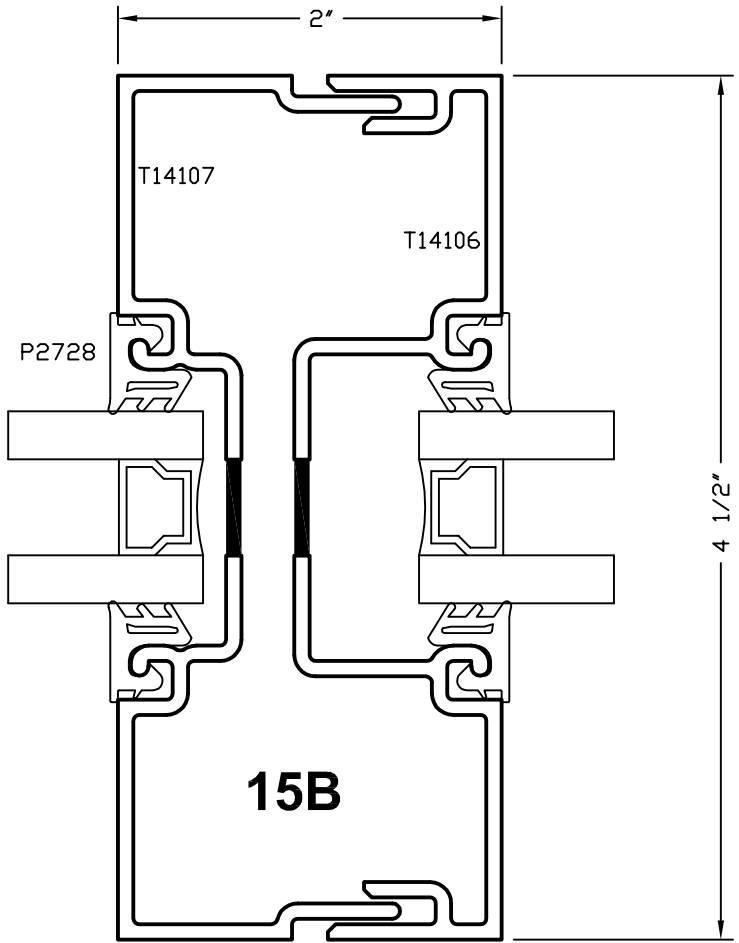


**T14000 Series Flush Glaze
Heavy Duty and Expansion Verticals**

CAD DETAIL FILE NO.
180HSVT2



CAD DETAIL FILE NO.
180XVRT2



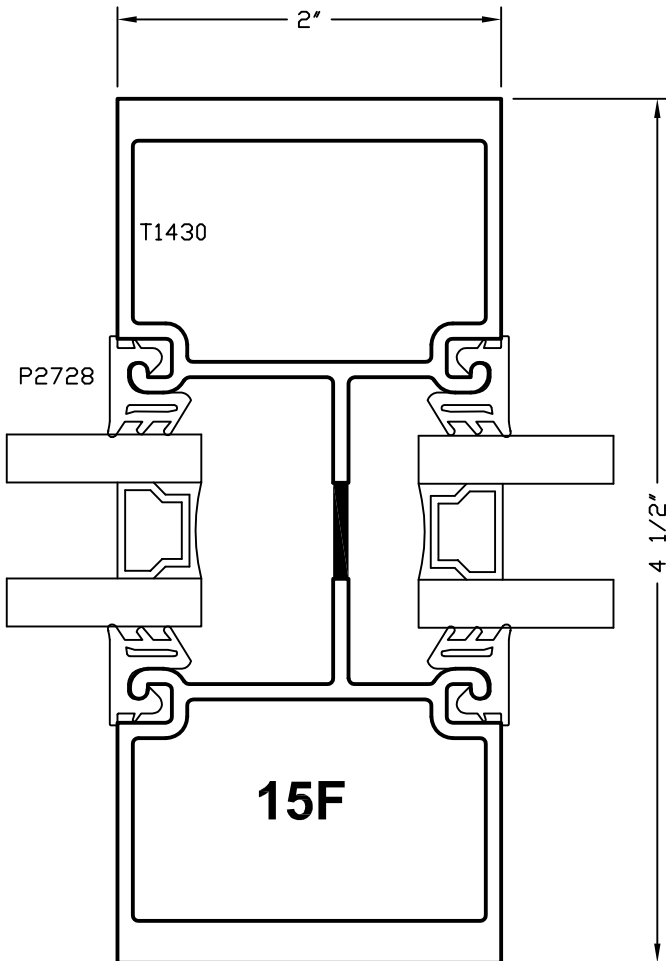
*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

14.46

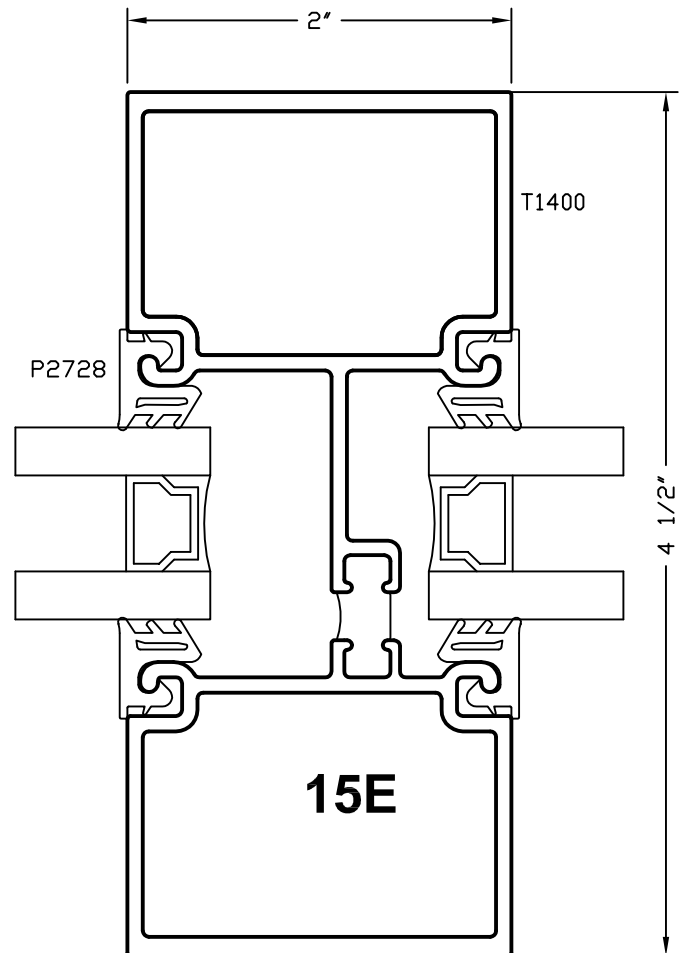
T14000 Series Flush Glaze

Intermediate Verticals For Clip Joinery

CAD DETAIL FILE NO.
180HVRT2



CAD DETAIL FILE NO.
180VERT2

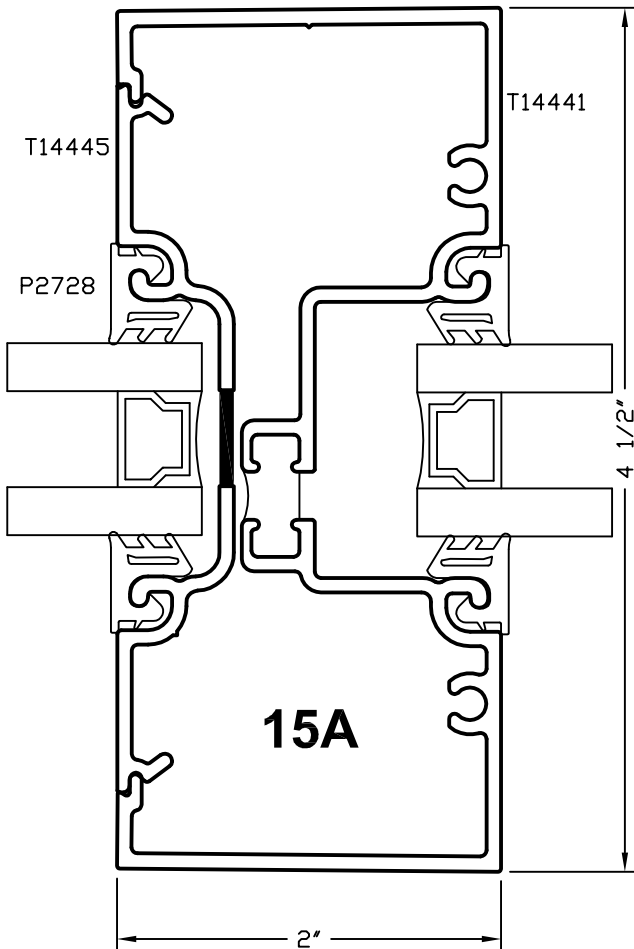


14.47

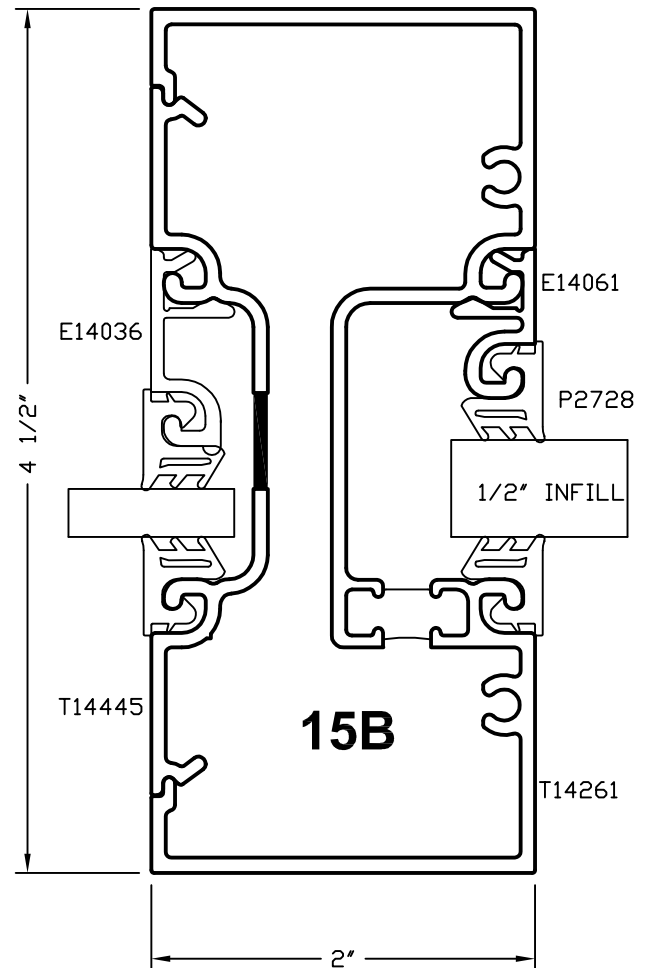
T14000 Series Flush Glaze

Alternate Intermediate Vertical

CAD DETAIL FILE NO.
180VERT



CAD DETAIL FILE NO.
180VERT8



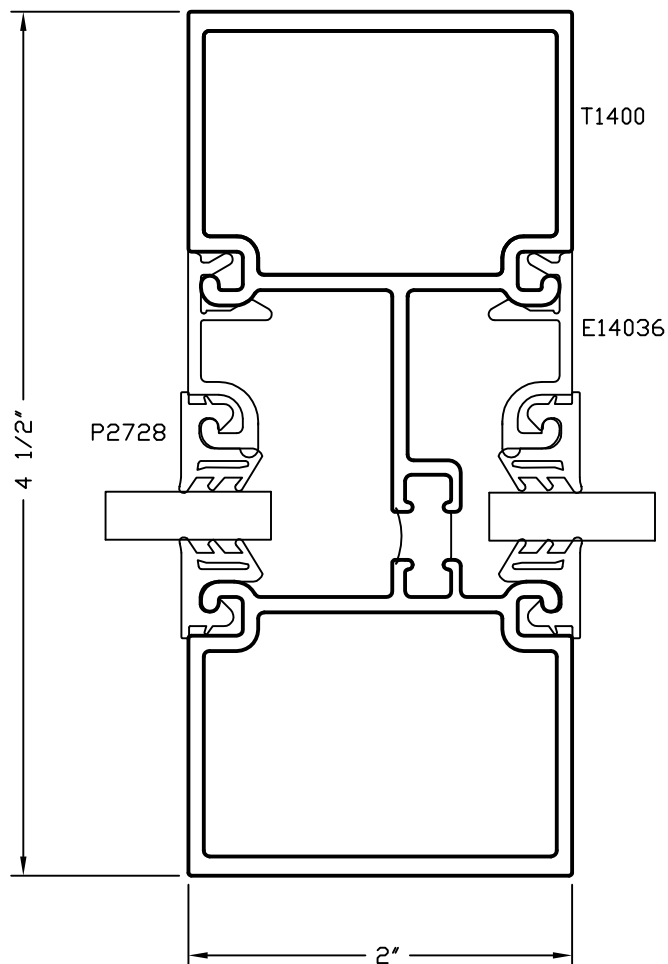
*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

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2013

T14000 Series Flush Glaze

Intermediate Vertical With Glazing Reducer

CAD DETAIL FILE NO.
180VERT3

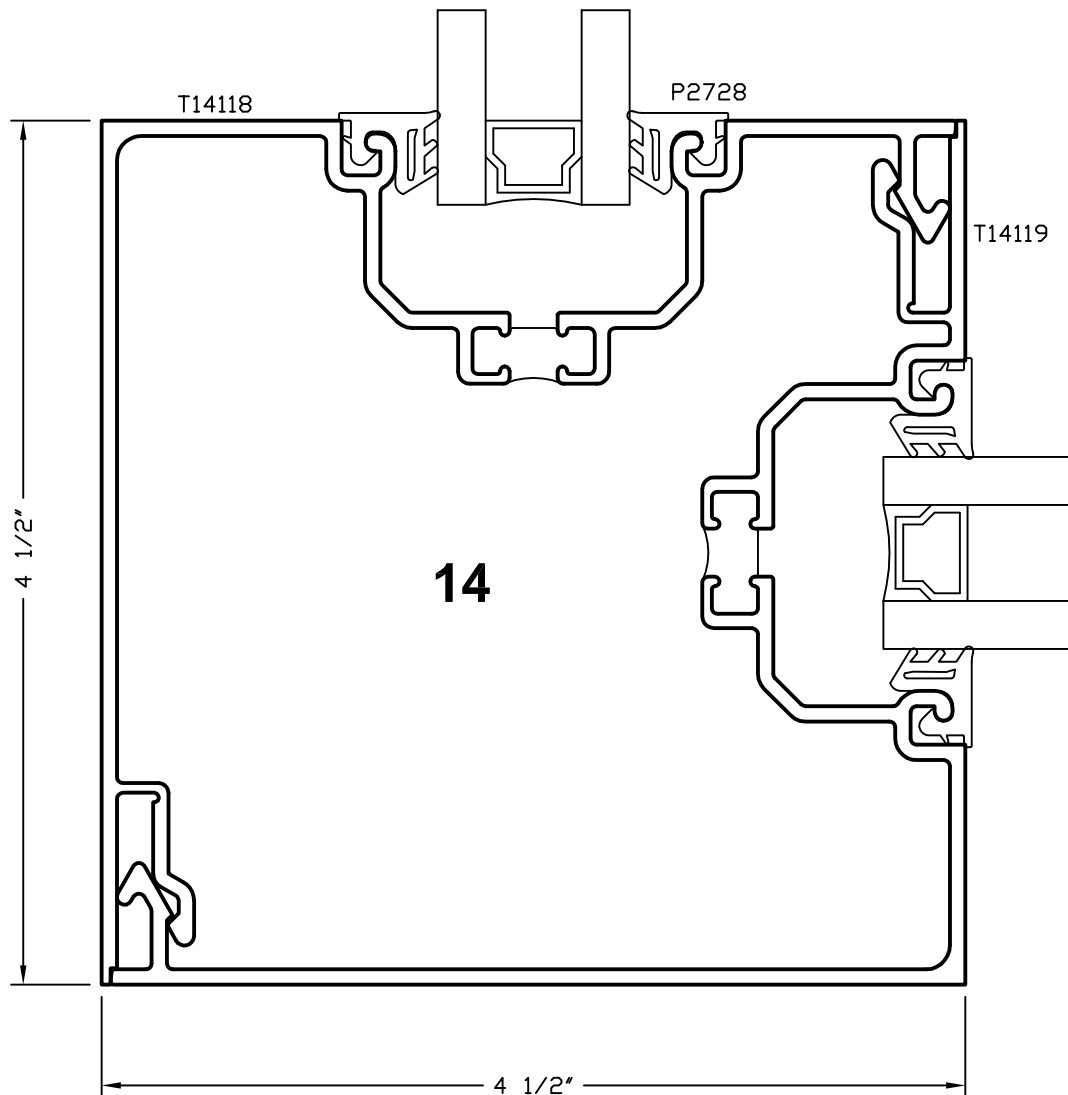


14.48

T14000 Series Flush Glaze

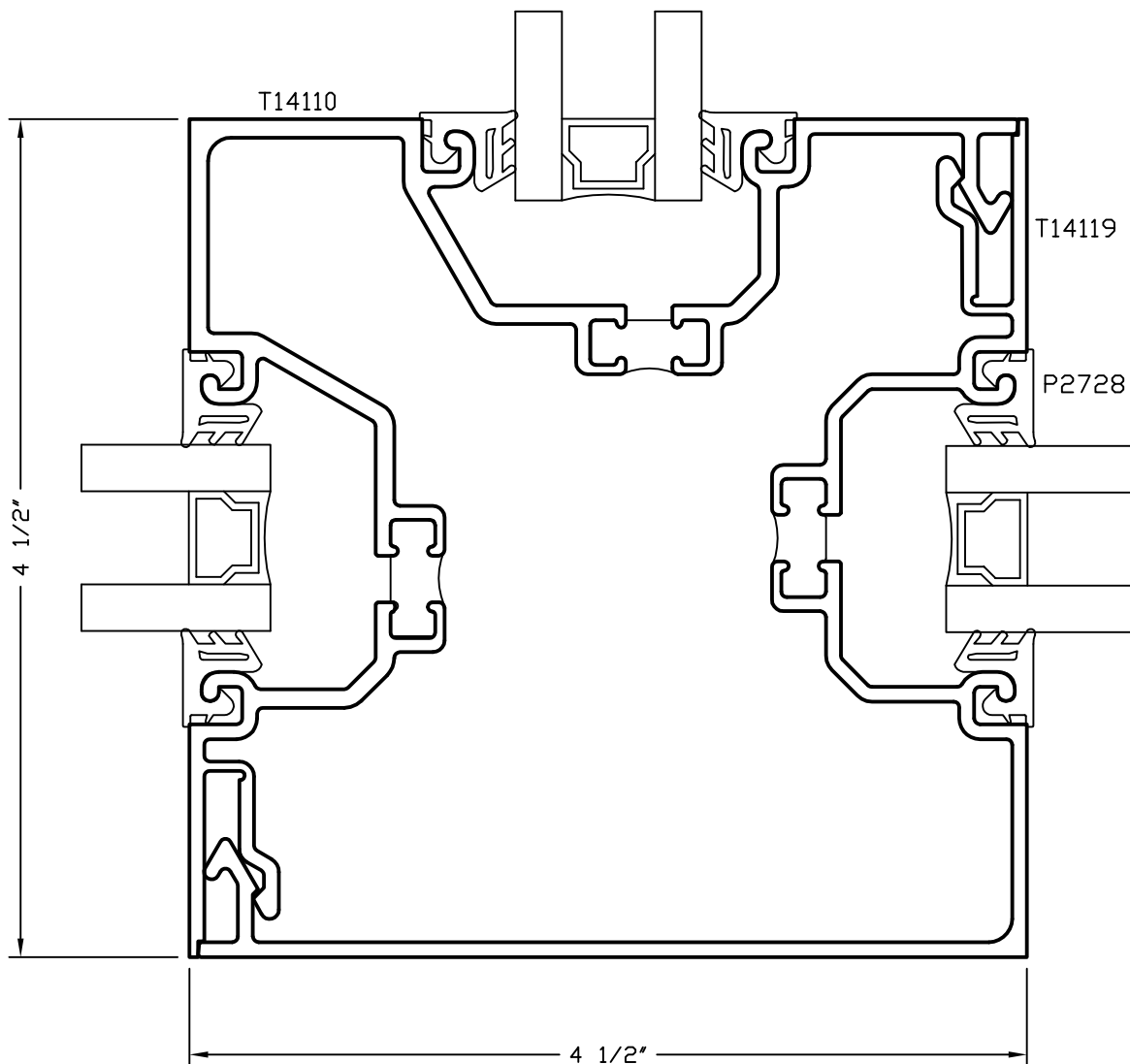
4 1/2" x 4 1/2" - 90° Corner

CAD DETAIL FILE NO.
180CORN2



14.48a
T14000 Series Flush Glaze
4 1/2" x 4 1/2" - Three Way Corner

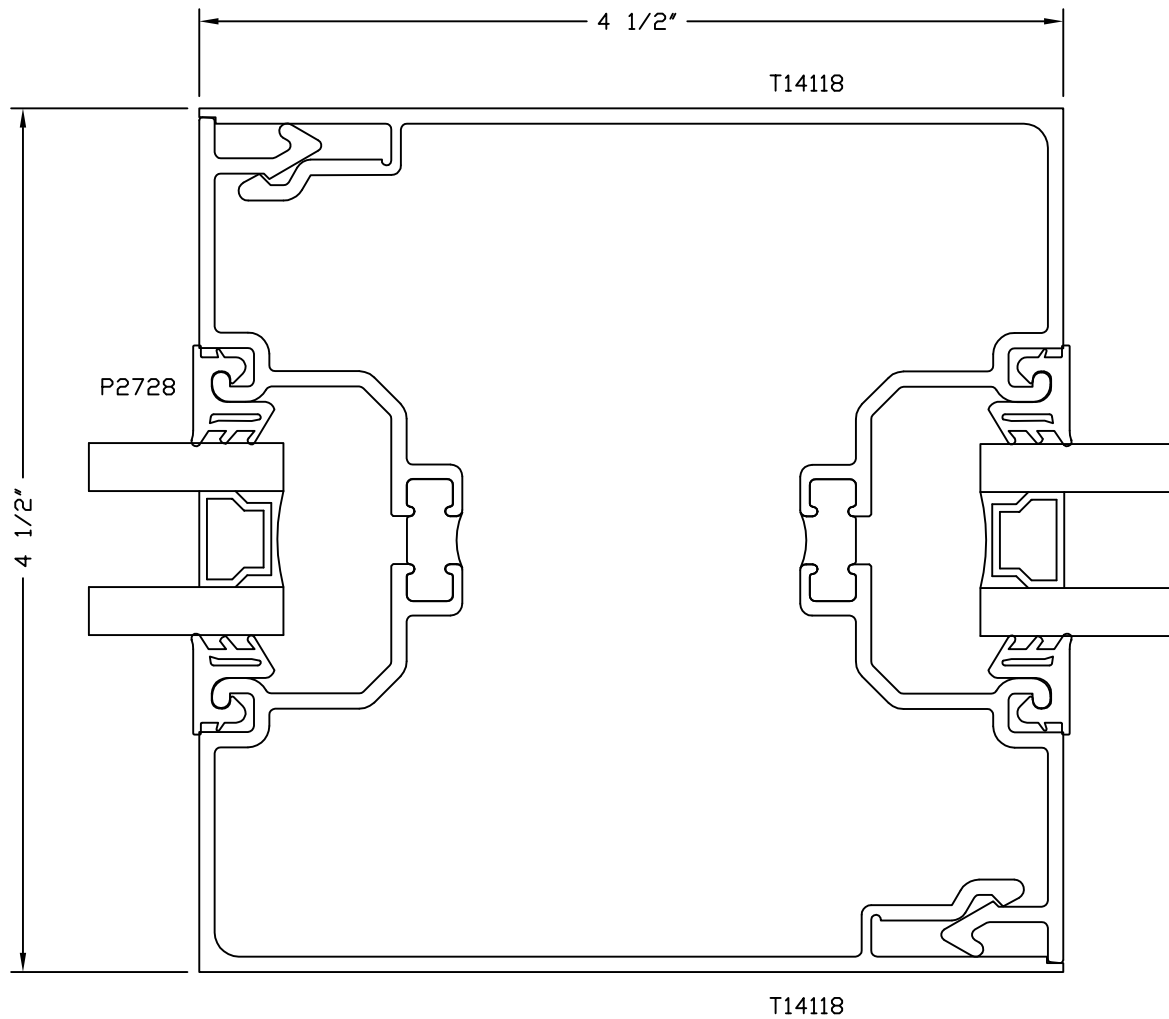
CAD DETAIL FILE NO.
180CORN2



14.49

T14000 Series Flush Glaze 4 1/2" x 4 1/2" Intermediate Vertical

CAD DETAIL FILE NO.
180CORN3



*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

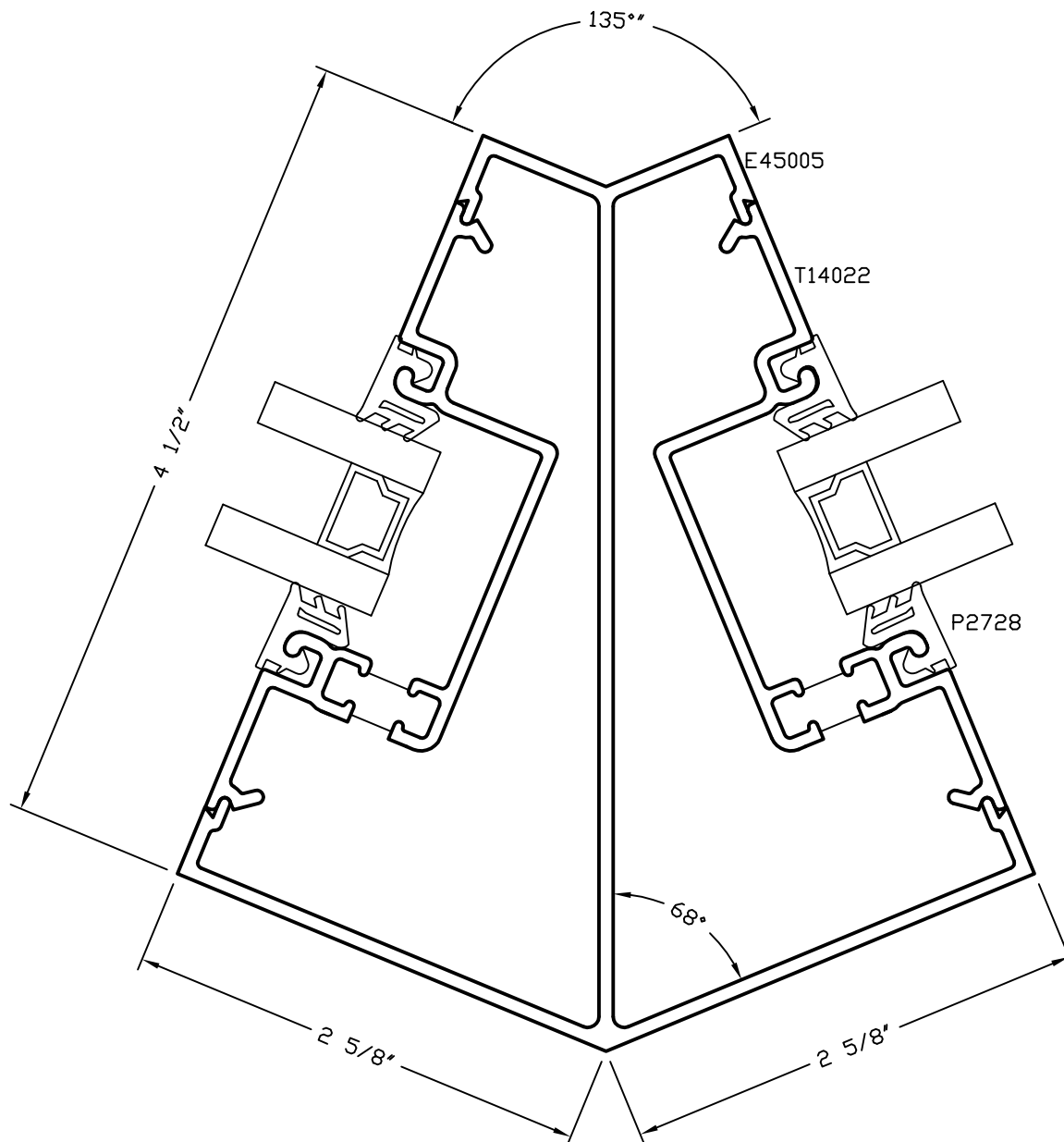
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CURTAINWALL AND ENTRANCE SYSTEMS
2013

14.50

T14000 Series Flush Glaze

135° Corner

CAD DETAIL FILE NO.
180CORN4

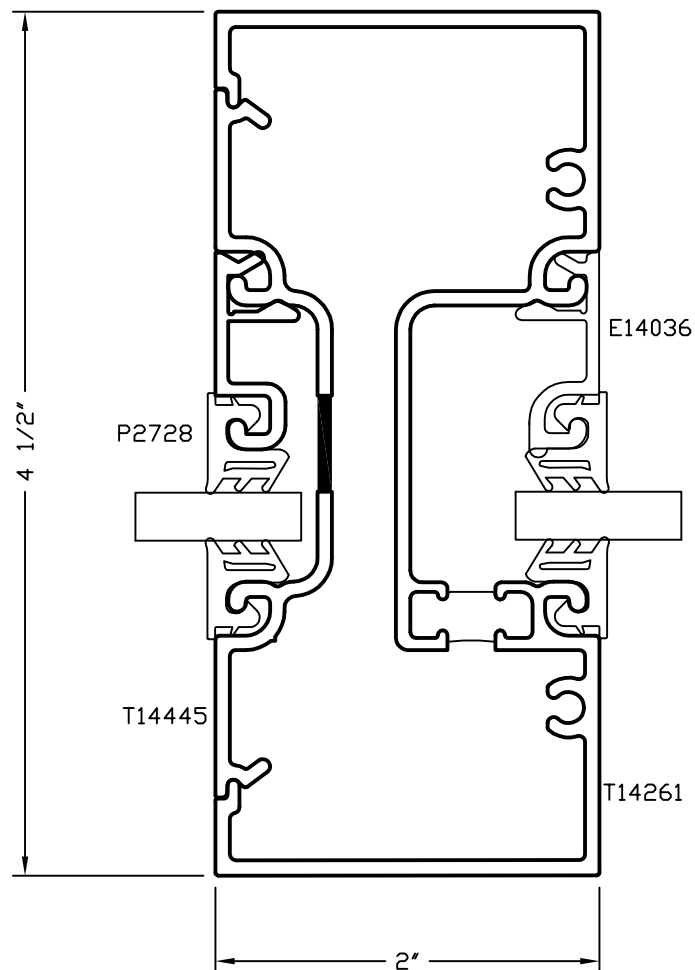


14.51

T14000 Series Flush Glaze

Alternate Intermediate Vertical

CAD DETAIL FILE NO.
180VERT6



*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

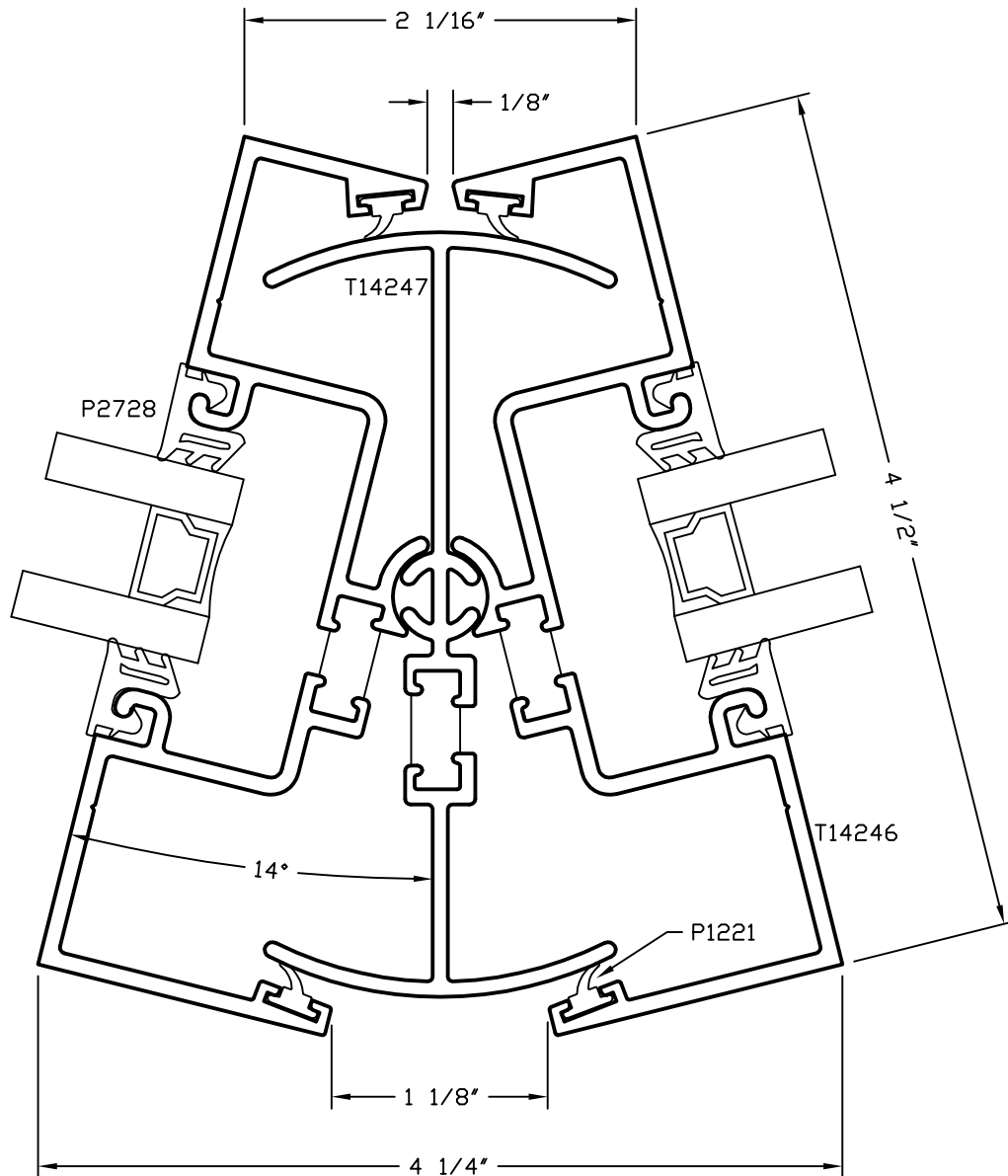
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LEADERS IN ECO-EFFICIENT STOREFRONT,
CURTAINWALL AND ENTRANCE SYSTEMS
2010

14.52

T14000 Series Flush Glaze

Rotational Mullion

CAD DETAIL FILE NO.
180CORN5



T14000 Series Flush Glaze Structural Values

Shape	Description	Area	Ixx	Sxx	Iyy	Syy
T1400	Vertical Mullion	1.309	3.267	1.452	0.652	0.645
T1430	Heavy Duty Vertical Mullion	1.743	5.165	2.296	0.775	0.769
T1435	Open Back Heavy Duty Vertical	1.435	4.821	2.142	0.550	0.477
T14022	Snap-In Filler With Deep Pocket	0.459	0.538	0.292	0.066	0.100
T14047	4 1/2" x 4 1/2" Open Back Horiz	*	*	*	*	*
T14054	6" x 4 1/2" Self Mating Horiz	*	*	*	*	*
T14106	Expansion Mullion (Female Half)	0.744	1.766	0.785	0.091	0.138
T14107	Expansion Mullion (Male Half)	0.676	1.796	0.798	0.102	0.097
T14108	Corner Mullion - Single Pocket	0.975	2.278	0.757	1.832	0.566
T14109	Corner Mullion - Single Pocket	0.975	2.155	0.701	1.960	0.618
T14110	Corner Mullion - Double Pocket	1.132	2.218	0.727	2.108	0.678
T14141	Open Back Vertical	0.962	2.604	1.157	0.378	0.290
T14142	Snap-In Filler - Shallow Pocket	0.394	0.500	0.271	0.018	0.048
T14143	Horizontal Mullion	*	*	*	*	*
T14240	Open Back Horizontal	*	*	*	*	*
T14241	Open Back Vertical With Pocket	*	*	*	*	*
T14242	Snap-In Filler With Pocket	*	*	*	*	*
T14243	2 1/8" x 4 1/2" Open Back Vert	*	*	*	*	*
T45005	Open Back 135 Degree Corner Mull	1.173	3.834	1.221	1.373	0.568

*** Consult Factory For Section Properties**

14.54

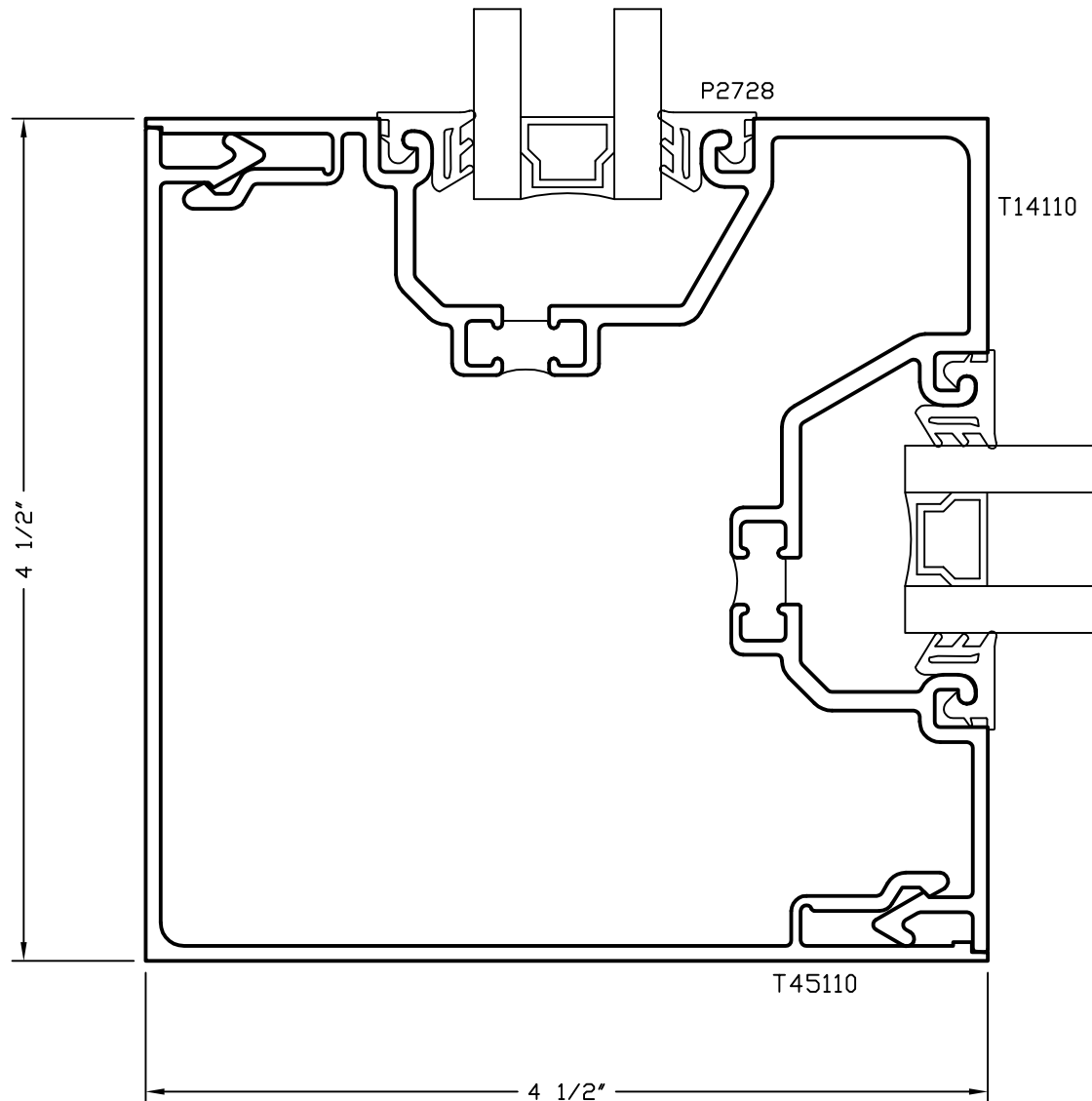
E14000 Series Flush Glaze Structural Values

Shape	Description	Area	Ixx	Sxx	Iyy	Syy
E1400	Vertical Mullion	1.349	3.267	1.452	0.653	0.643
E1403	Horizontal Mullion	1.375	2.822	1.085	0.577	0.463
E1430	Heavy Duty Vertical Mullion	1.783	5.166	2.296	0.776	0.767
E1435	Open Back Heavy Duty Vertical	1.475	4.821	2.143	0.554	0.484
E1438	Open Back Door Jamb - No Pocket	0.957	2.795	1.242	0.447	0.303
E1451	2" x 4 1/2" Slick Tube	1.563	3.993	1.774	1.102	1.102
E14021	Door Jamb With Two Pockets	1.409	3.031	1.301	0.741	0.672
E14022	Snap-In Filler With Deep Pocket	0.497	0.539	0.292	0.080	0.129
E14047	4 1/2" x 4 1/2" Open Back Horiz	1.548	4.806	1.937	2.918	1.172
E14054	6" x 4 1/2" Self Mating Horiz	1.129	2.659	0.912	3.845	0.972
E14080	4" x 4 1/2" Slick Tube	2.063	6.386	2.838	5.323	2.662
E14103	Horizontal Mullion	1.192	2.559	1.005	0.474	0.408
E14106	Expansion Mullion (Female Half)	0.784	1.767	0.785	0.106	0.168
E14107	Expansion Mullion (Male Half)	0.716	1.797	0.799	0.104	0.100
E14108	Corner Mullion - Single Pocket	1.015	2.304	0.774	1.834	0.565
E14109	Corner Mullion - Single Pocket	1.015	2.182	0.717	1.961	0.617
E14110	Corner Mullion - Double Pocket	1.212	2.252	0.742	2.143	0.693
E14124	Door Header - Single Pocket	1.463	3.754	1.641	0.889	0.847
E14125	Door Header - No Pocket	1.511	3.914	1.739	1.000	0.950
E14140	Open Back Horizontal	0.865	2.136	0.812	0.302	0.286
E14141	Open Back Vertical	0.999	2.605	1.157	0.382	0.296
E14142	Snap-In Filler - Shallow Pocket	0.431	0.501	0.272	0.022	0.064
E14143	Horizontal Mullion	1.180	2.394	0.964	0.452	0.390
E14144	Open Back Door Jamb With Pocket	1.001	2.801	1.245	0.414	0.287
E14145	Door Jamb - Back To Back Doors	1.543	3.496	1.554	0.992	0.992
E14240	Open Back Horizontal	0.875	2.015	0.797	0.292	0.280
E14241	Open Back Vertical With Pocket	1.073	2.610	1.150	0.400	0.319
E14242	Snap-In Filler With Pocket	0.510	0.531	0.275	0.036	0.065
E14624	2" x 6" Door Header	2.031	9.566	1.378	2.819	1.35
E14640	2" x 6" Open-back Sill	1.289	5.951	0.49	1.699	0.403
E14641	2" x 6" OB Head, Jamb or Vertical	1.487	7.478	0.538	2.222	0.390
E14642	2" x 6" Snap-in Filler with	0.689	1.708	0.045	0.559	0.074
E14644	2" x 6" Open-back Door Jamb	1.260	7.179	0.507	2.103	0.344
E14659	2" x 6" Open-back Door Jamb	1.015	5.619	0.148	1.420	0.098
E45005	Open Back 135 Degree Corner Mull	1.220	3.882	1.252	1.373	0.568

T14000 Series Flush Glaze

4 1/2" x 4 1/2" Alternate 90° Corner

CAD DETAIL FILE NO.
180CORN6



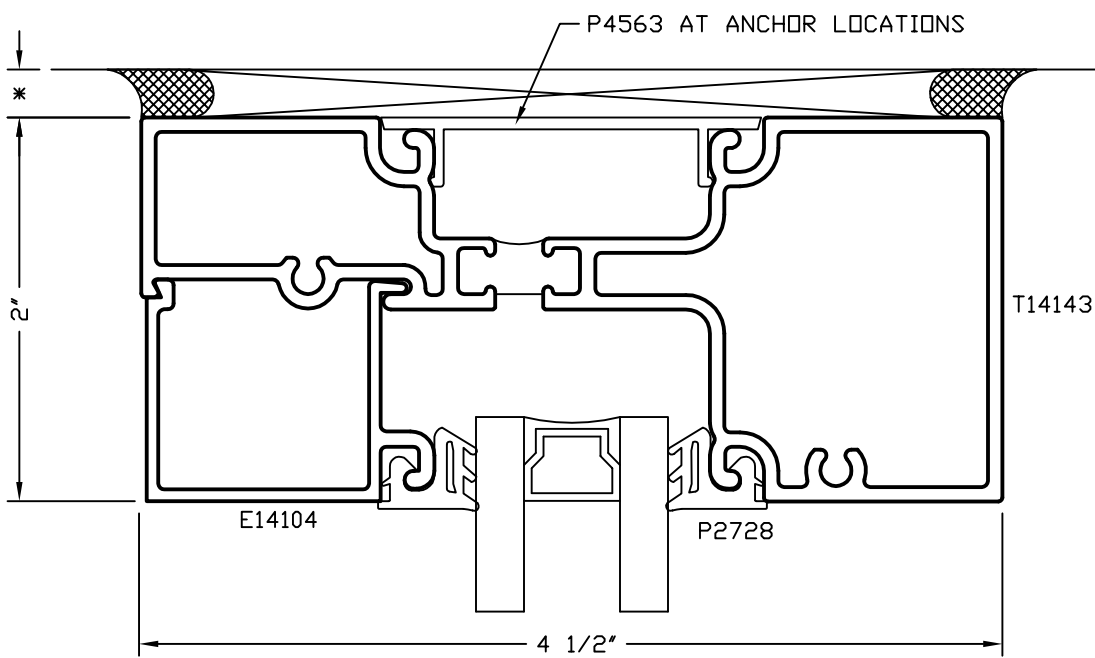
T14000 Series Flush Glaze

Alternate Head Member

CAD DETAIL FILE NO.
180HEAD3

* 1/2" WHEN USING E-14259 FLASHING

* 1/4" WHEN USING E-45159 FLASHING



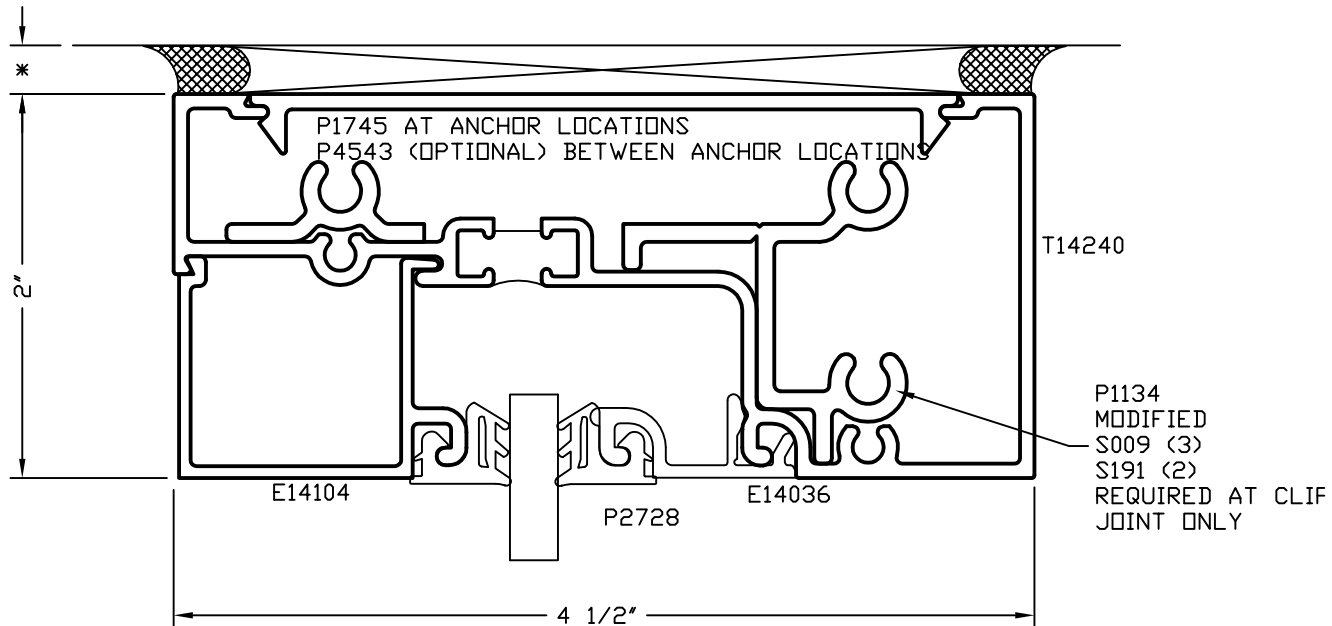
T14000 Series Flush Glaze

Head With Glazing Reducer

CAD DETAIL FILE NO.
180HEAD6

* 1/2" WHEN USING E-14259 FLASHING

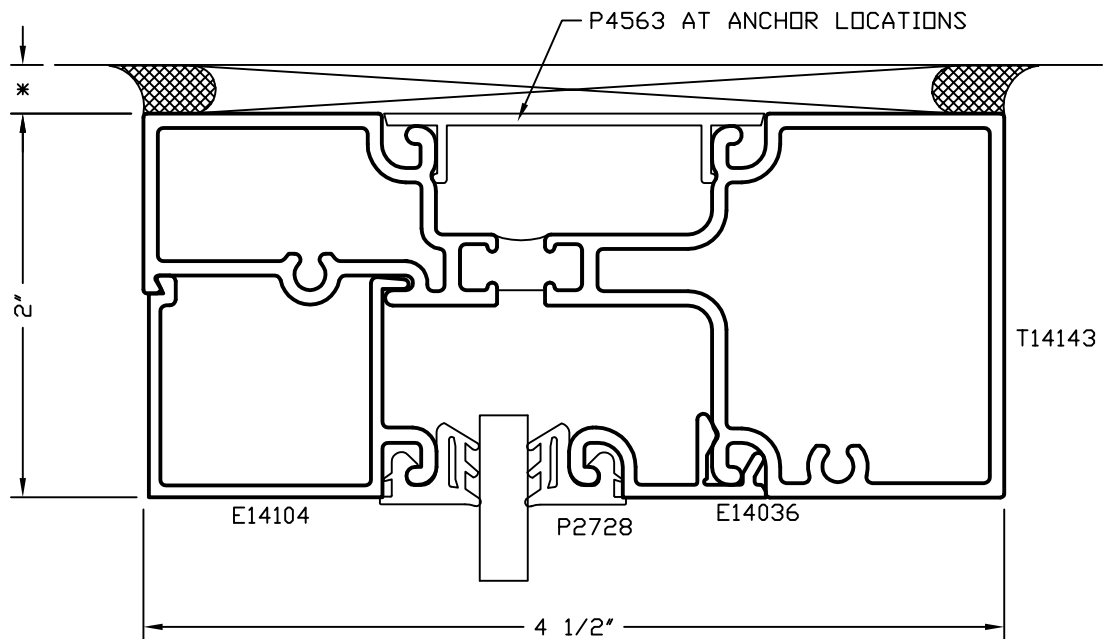
* 1/4" WHEN USING E-45159 FLASHING



T14000 Series Flush Glaze Head With Glazing Reducer

CAD DETAIL FILE NO.
180HEAD7

- * 1/2" WHEN USING E-14259 FLASHING
- * 1/4" WHEN USING E-45159 FLASHING



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2013

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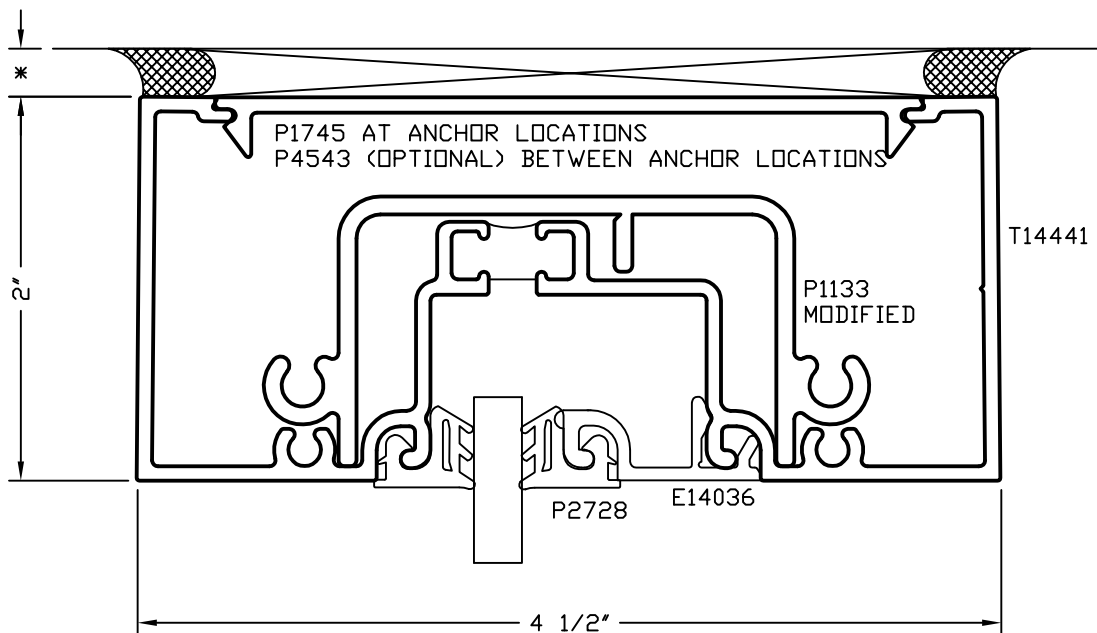
T14000 Series Flush Glaze

Alternate Head With Glazing Reducer

CAD DETAIL FILE NO.
180HEAD8

* 1/2" WHEN USING E-14259 FLASHING

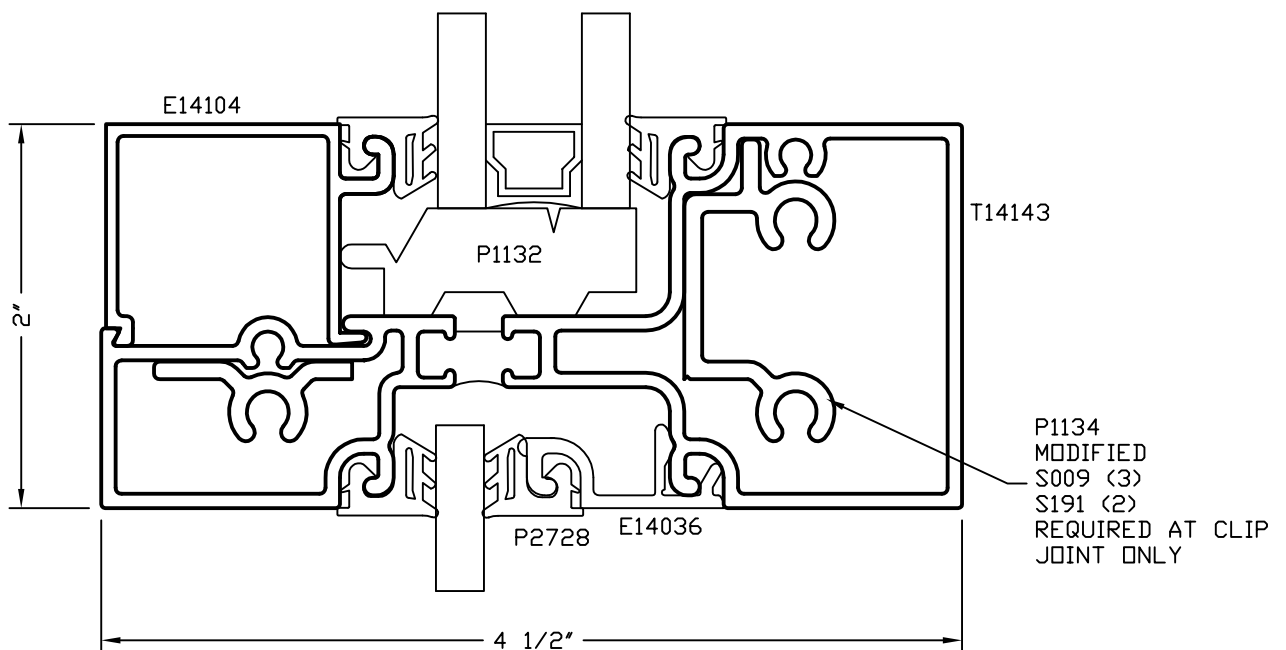
* 1/4" WHEN USING E-45159 FLASHING



T14000 Series Flush Glaze

Horizontal With Glazing Reducer

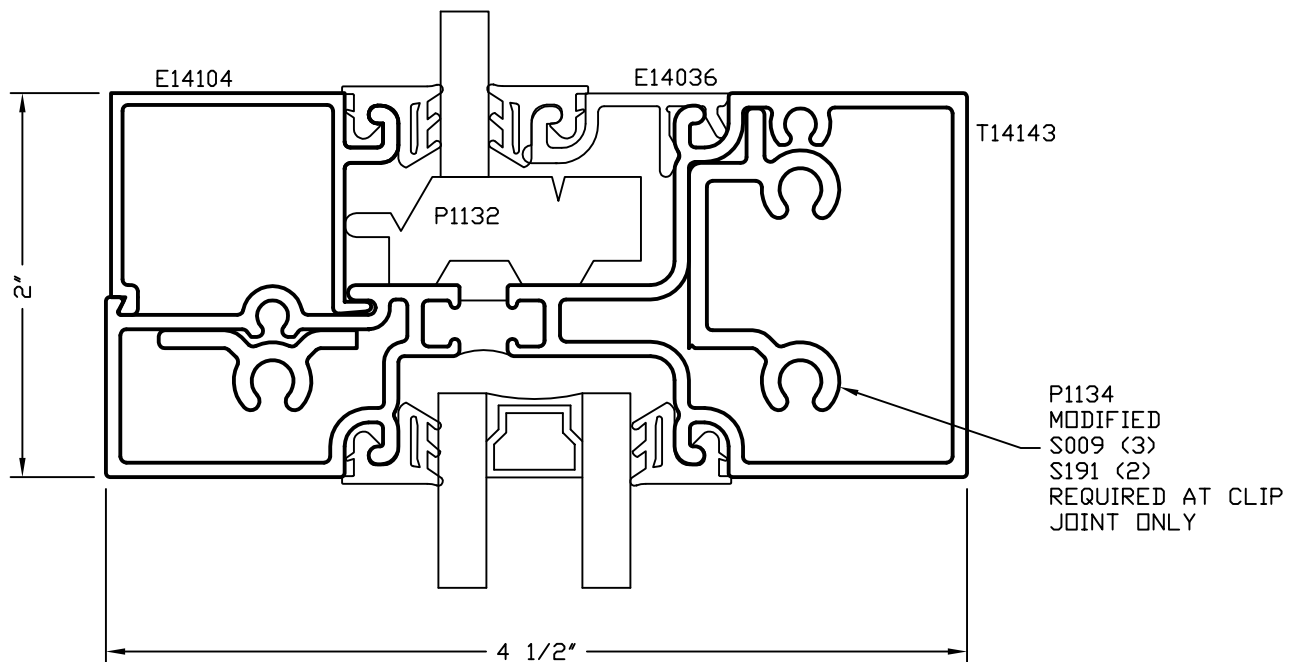
CAD DETAIL FILE NO.
180HORZ3



T14000 Series Flush Glaze

Horizontal With Glazing Reducer

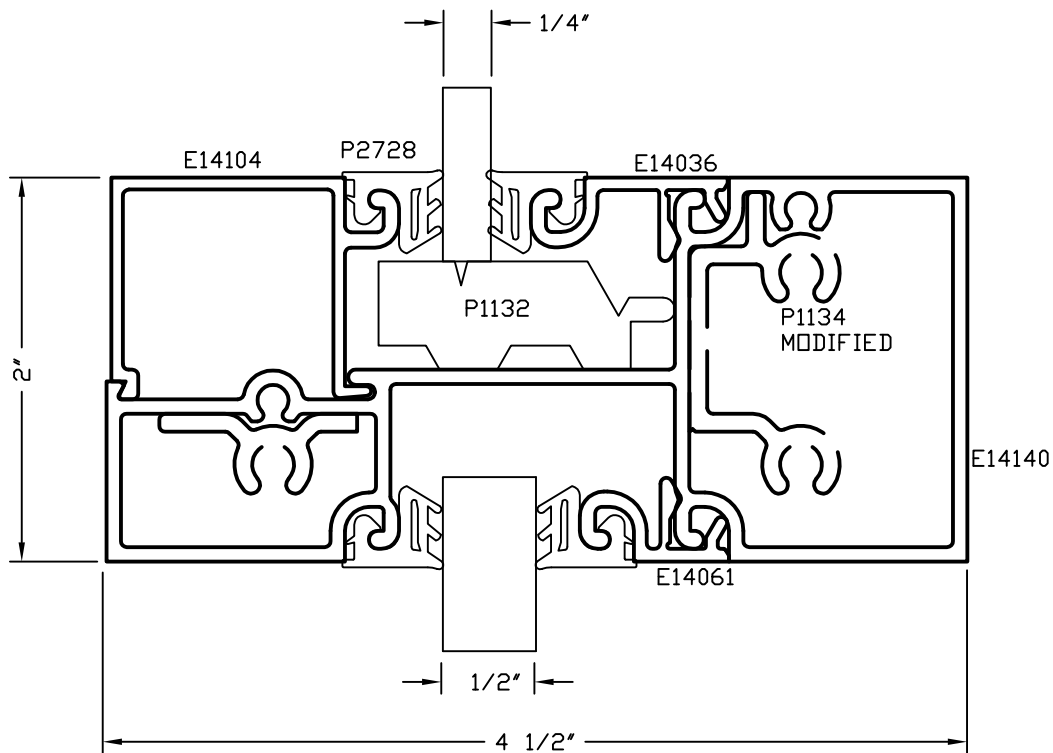
CAD DETAIL FILE NO.
180HORZ4



E14000 Series Flush Glaze

Intermediate Horizontal With Glazing Adapters - 1/4" & 1/2" Infill

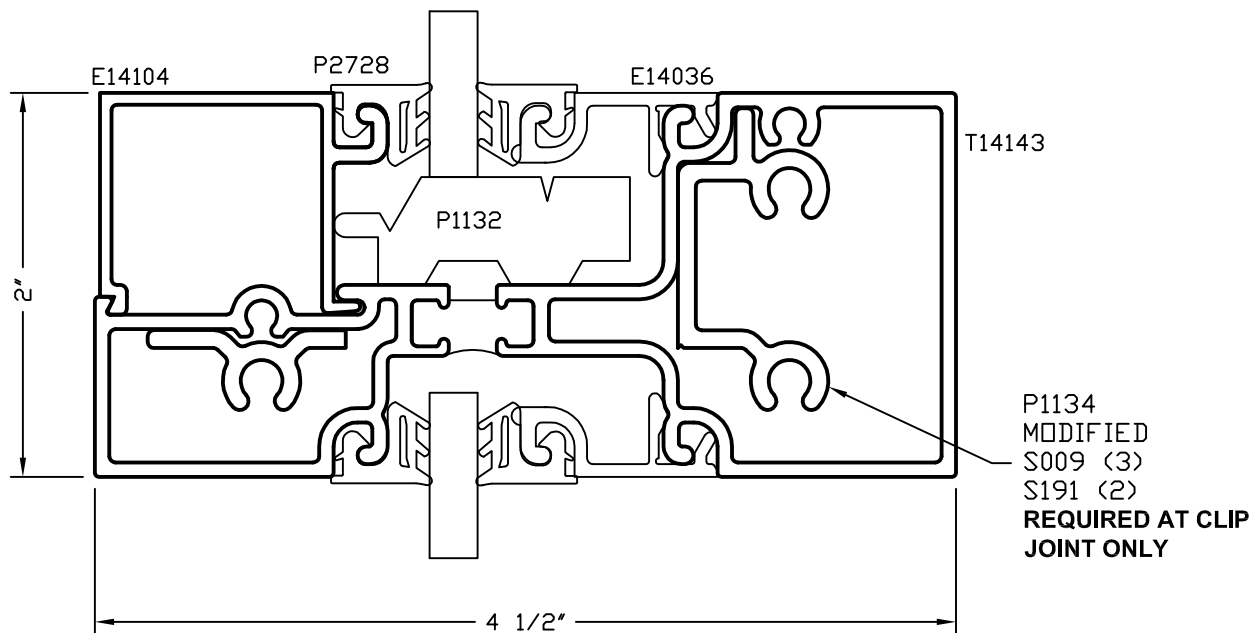
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190HORZ7



T14000 Series Flush Glaze

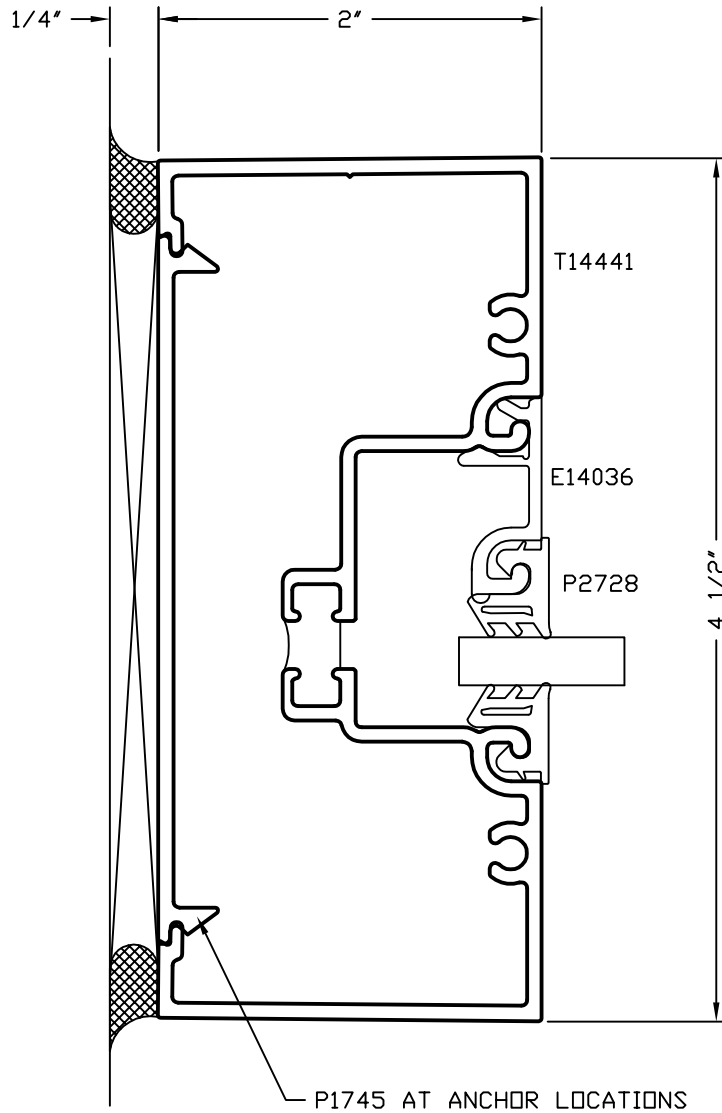
Horizontal With Glazing Reducer

CAD DETAIL FILE NO.
180HORZ8



T14000 Series Flush Glaze Jamb With Glazing Reducer

CAD DETAIL FILE NO.
180JAMB2



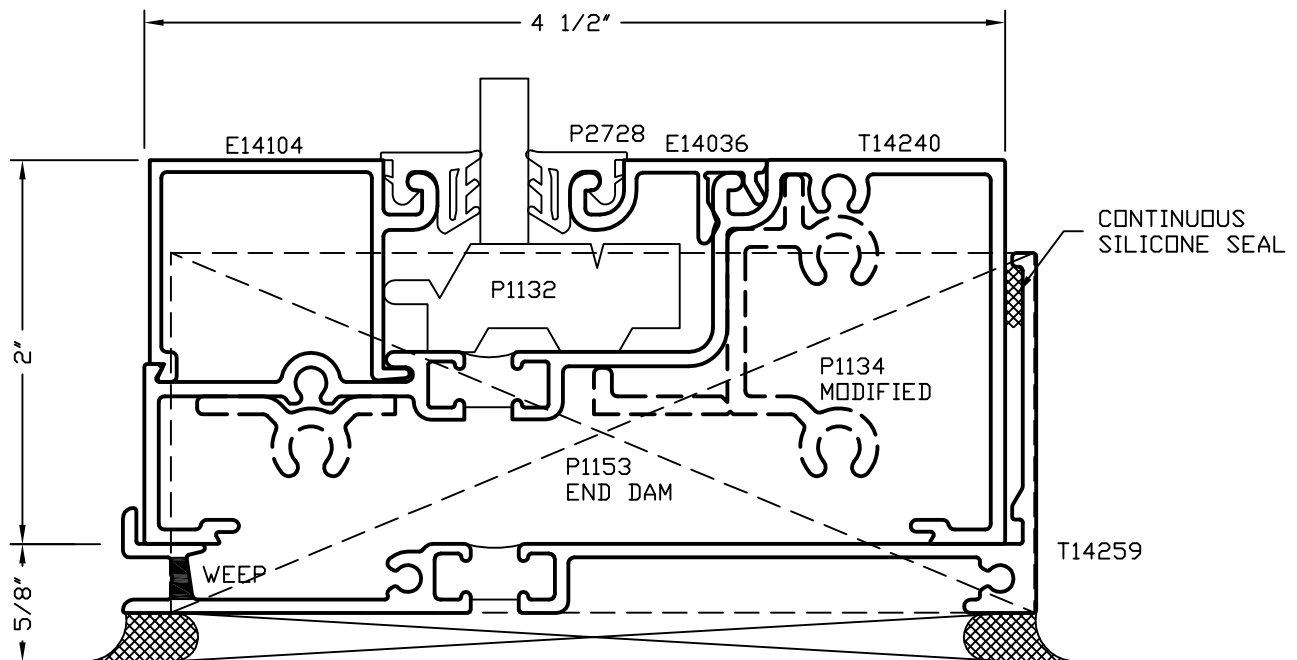
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T14000 Series Flush Glaze

Alternate Sill With Glazing Reducer

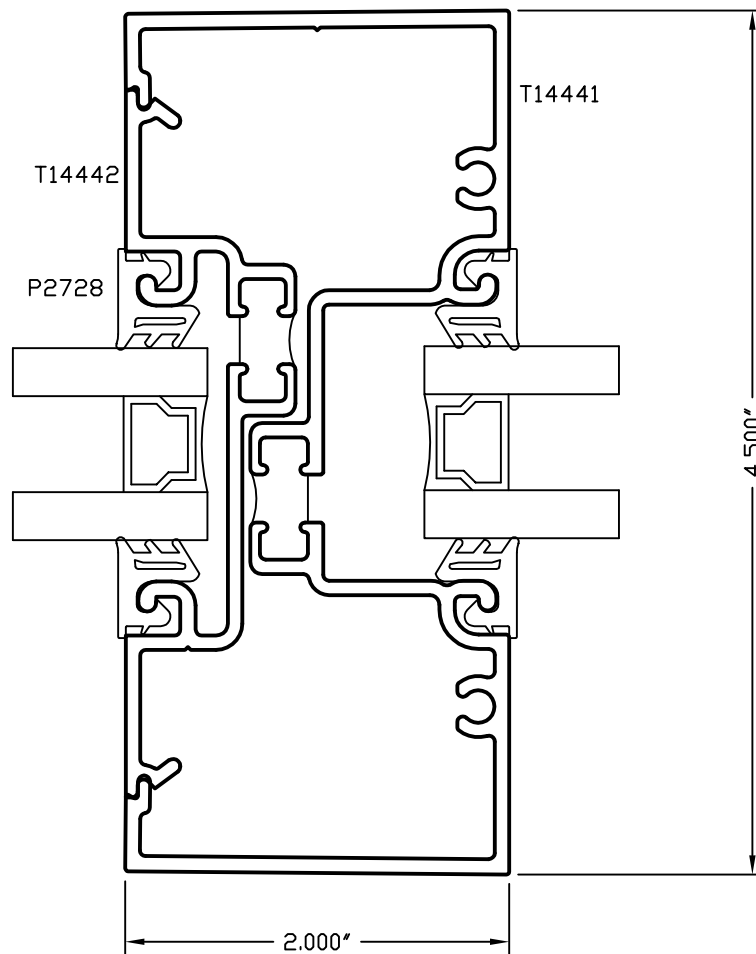
CAD DETAIL FILE NO.
180SILL6



T14000 Series Flush Glaze

Alternate Intermediate Vertical

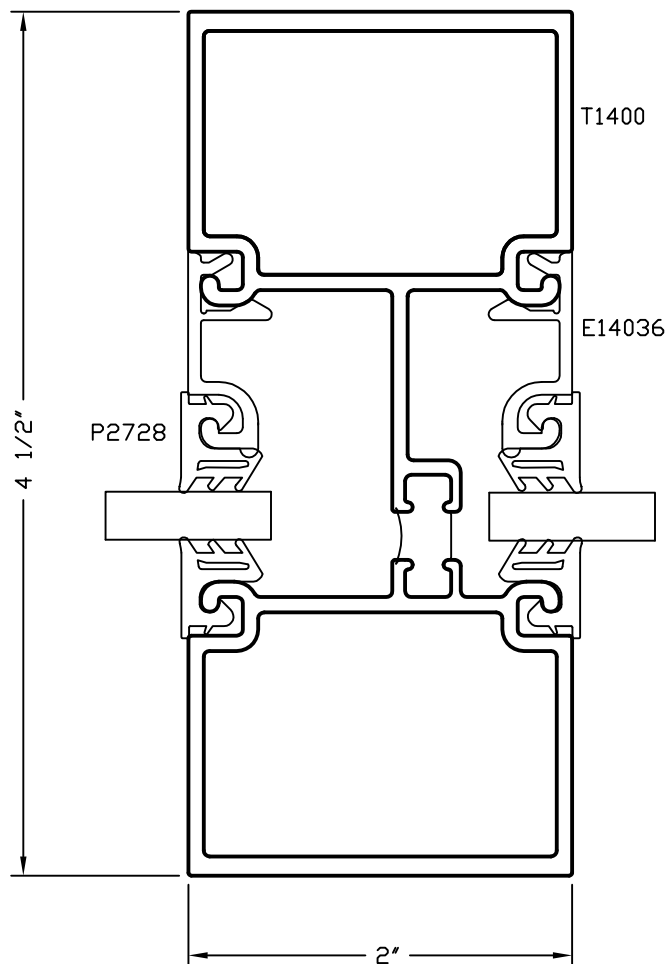
CAD DETAIL FILE NO.
180VERT1



T14000 Series Flush Glaze

Intermediate Vertical With Glazing Reducer

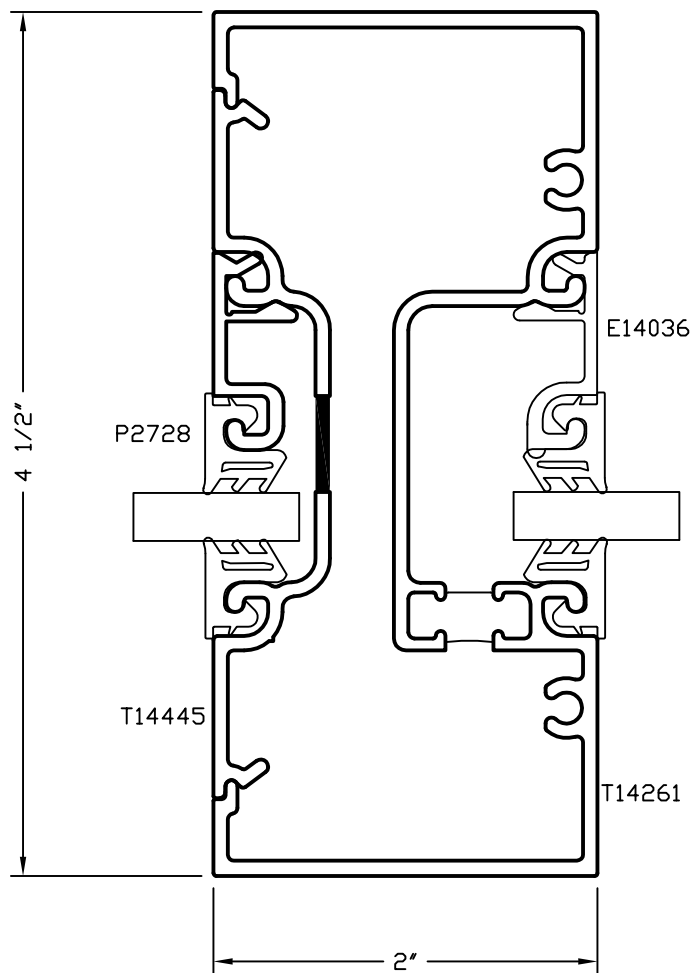
CAD DETAIL FILE NO.
180VERT3



T14000 Series Flush Glaze

Intermediate Vertical With Glazing Reducer

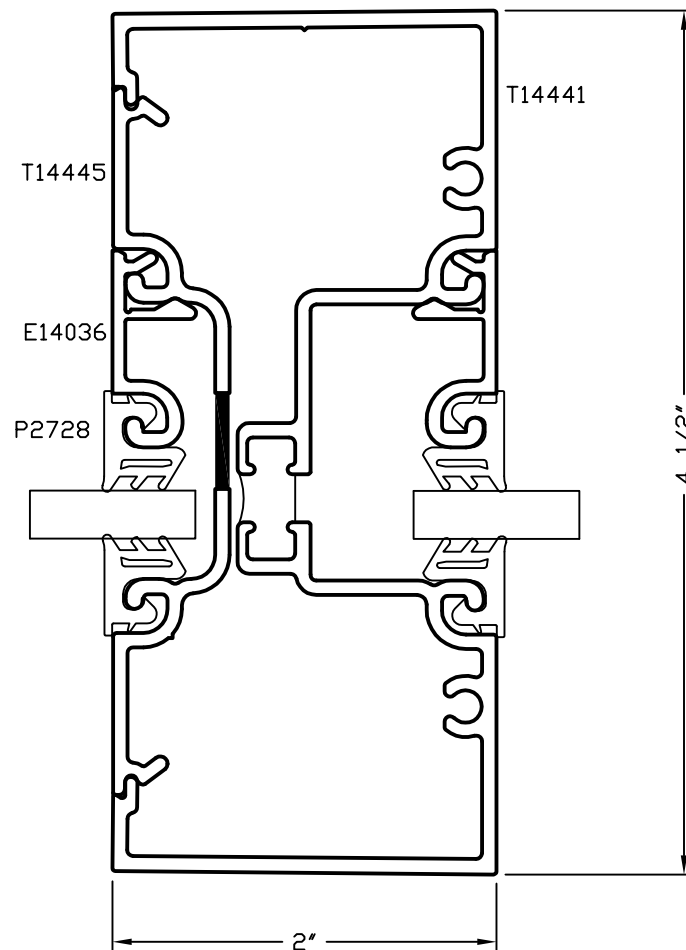
CAD DETAIL FILE NO.
180VERT5



T14000 Series Flush Glaze

Intermediate Vertical With Glazing Reducer

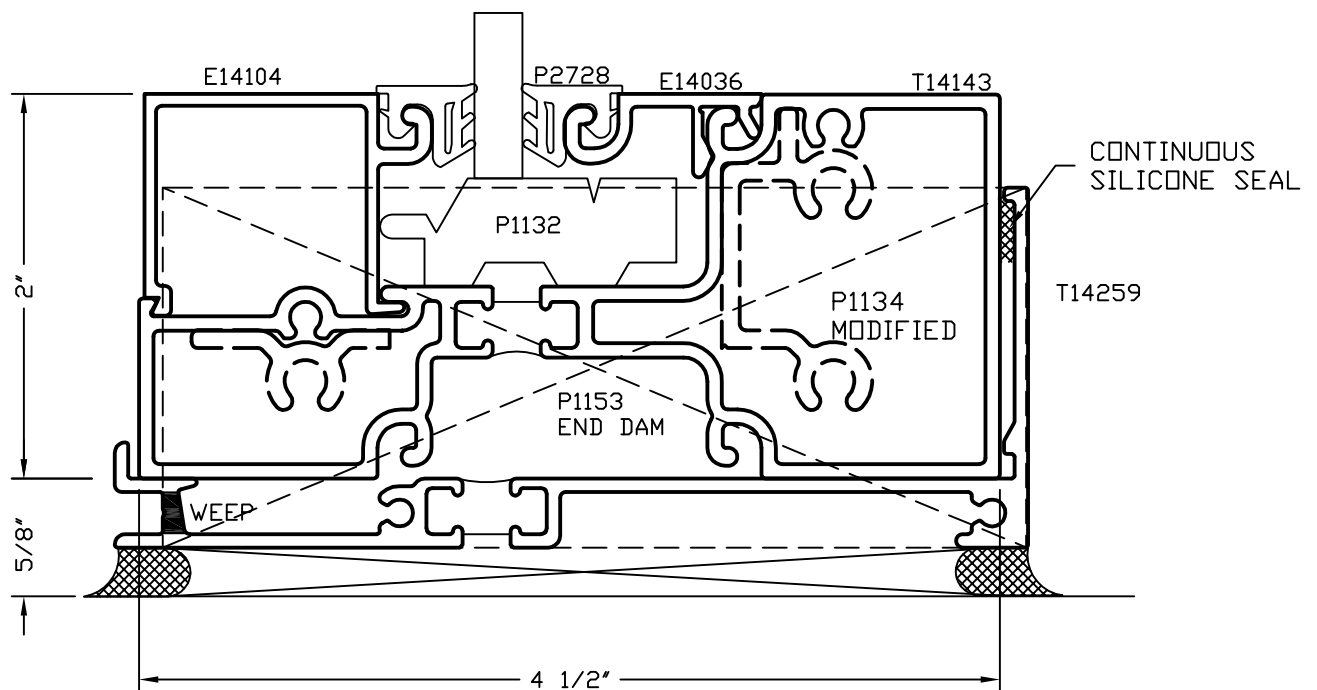
CAD DETAIL FILE NO.
180VERT7



T14000 Series Flush Glaze

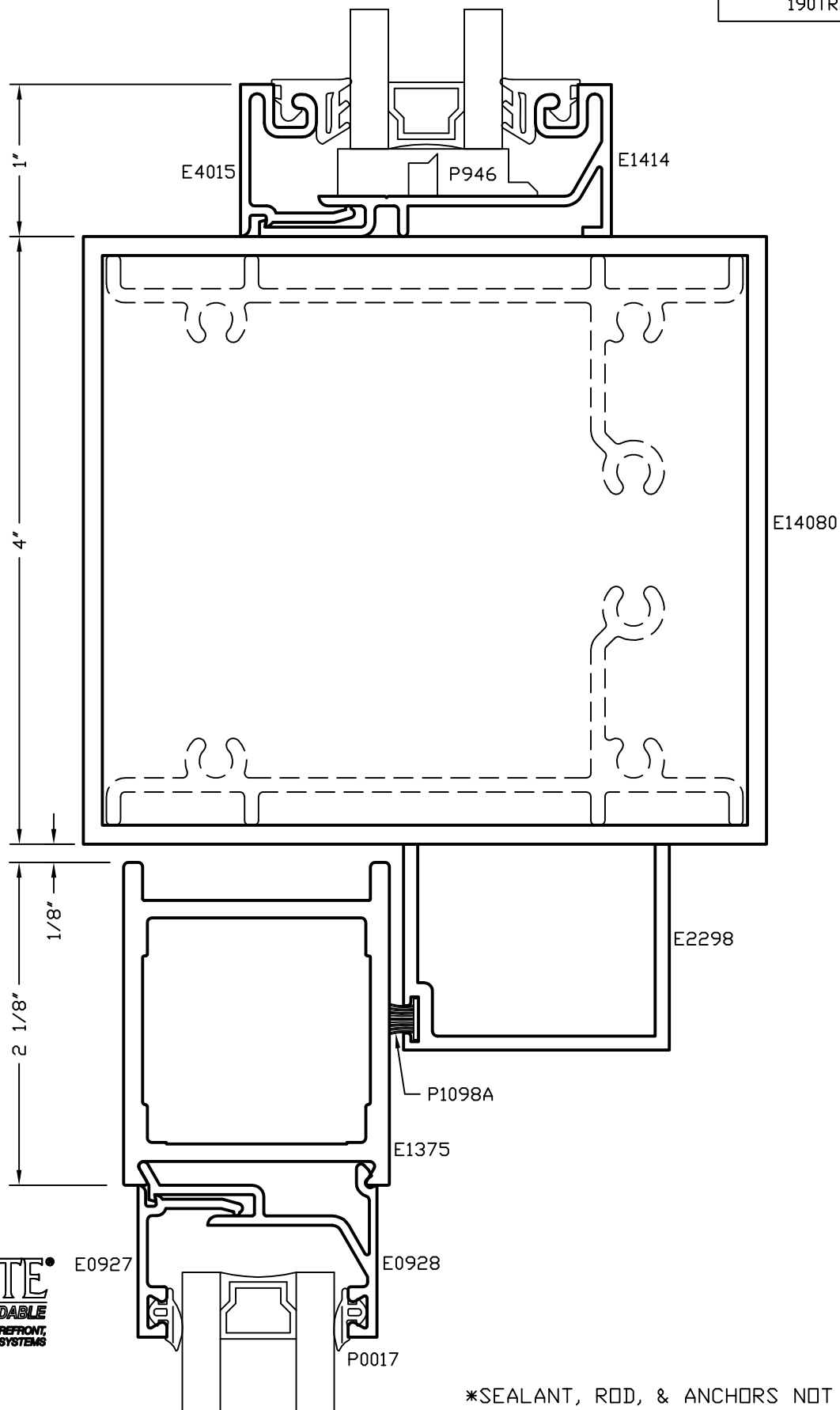
Alternate Sill With Glazing Reducer

CAD DETAIL FILE NO.
180SILL7



E14000 Series Flush Glaze
Alternate Door Header With Transom

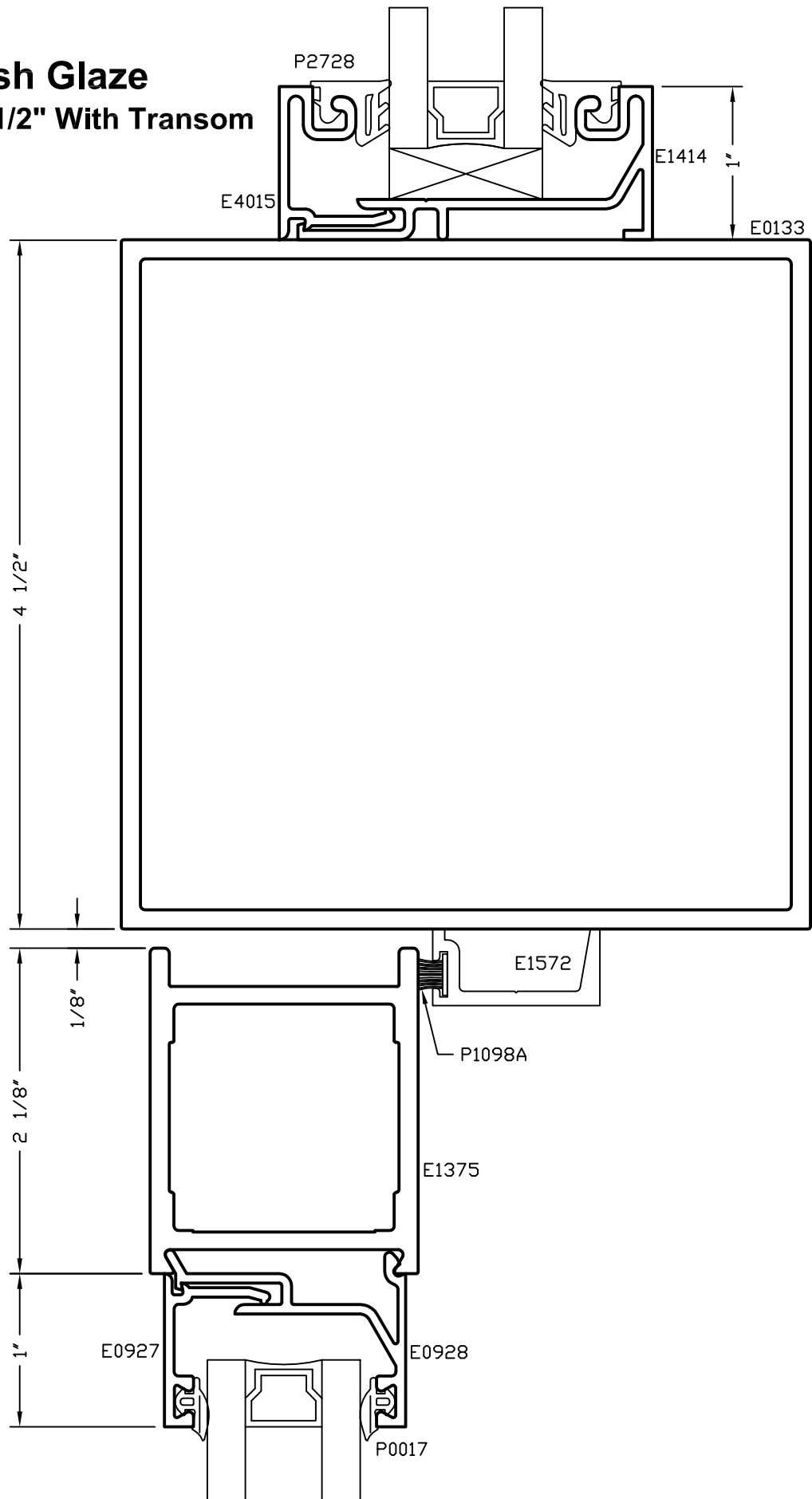
CAD DETAIL FILE NO.
190TRAN3



*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

E14000 Series Flush Glaze
Door Header 4 1/2" x 4 1/2" With Transom

CAD DETAIL FILE NO.
190TRAN9



*SEALANT, ROD, & ANCHORS NOT BY TUBELITE

