

AVALON INTERNATIONAL ALUMINUM



INTERIOR ALUMINUM DOORS & FRAMES





WELCOME TO AVALON INTERNATIONAL ALUMINUM

CUSTOMER SERVICE

For over 40 years, AVALON has been a leader in producing aluminum interior door frames & glazing components, recognized by architects nationwide.

CUSTOM DESIGN

The unparalleled choice for architects seeking top tier aluminum door frames & glazing components.

QUALITY

AVALON stands out as the sole provider of the Eagle series, catering to non-rated & aluminum 45 minute glazing systems. Architects have favored AVALON's fire-rated frames for over two decades making them the preferred choice for pre-finished aluminum door frames, sidelites & glass aluminum doors.

INNOVATION

In 1996, AVALON was unveiled as a contemporary company with new products genuinely demonstrate to our legacy of excellence. AVALON exceeded all expectations with the introduction of an unprecedented new product line; 45-minute Fire-Rated Aluminum Sidelite & Borrowed Lite system.



www.avalonint.com
(503)885-9494
info@avalonint.com

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SPOTLIGHT

THE AVALON ADVANTAGE

Trusted quality, custom design, and innovative aluminum framing solutions backed by over 40 years of expertise.

CUSTOM THROAT
SIZES

45 MINUTE
GLAZING

STC 53

CUSTOM
POWDER
COATING
SOLUTIONS

QUICK FIELD
INSTALLATION

EXPEDITING
OPTIONS



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Avalon International Aluminum now offers a continuing education course.

www.avalonint.com

THE AVALON ADVANTAGE



DOOR & FRAME OPTIONS

- Narrow, medium, and wide stile aluminum doors
 - 1-1/2", 1-3/4", 2", 4", 6", and 8" face available
 - .062" to .125" extrusion thickness
- 1" or 2" wide stop - no closer reinforcer needed
 - Heavy duty reinforced hinge backer
- Custom hardware preps (Ex: SOSS hinges)



GLAZING OPTIONS

- Flush glazed for any throat 2-1/4" to 16-1/2"
- Double-glazing, offset glazing, and center glazing
 - Flush and offset sliders
- 1/4" glass thickness to 2-1/2" glass thickness
- Sidelight system independently certified for STC rating 53



FIRE & SAFETY RATINGS

- Positive pressure 45-minute fire rated sidelights, borrowed lights, and transoms
- 90-minute fire rated frames up to 16-1/2" throat
 - UL Level 3/Level 7 ballistic capability



EASE OF INSTALLATION

- No extended lip strike required
- Expanded throat - 1/8" added to all throats
 - Field notching of trim never required
- No starter channel or blocking required
 - Pre-cut and boxed per opening



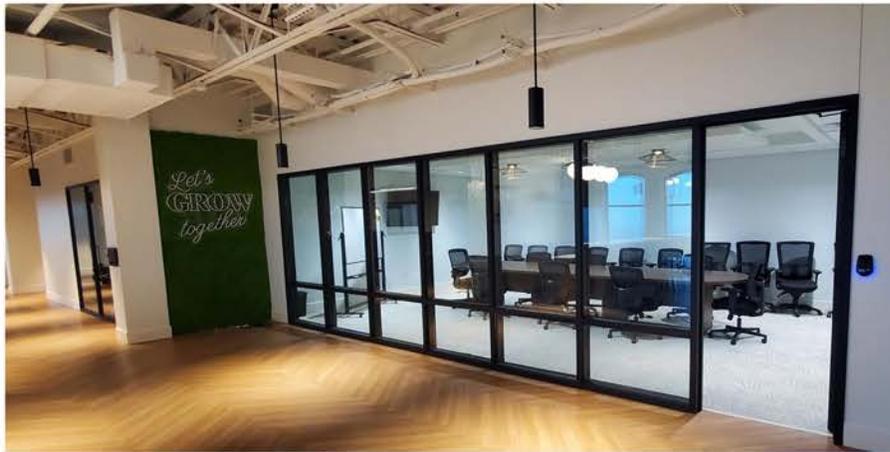
DESIGN & CUSTOMIZATION

- Full AutoCAD shops with schedules, elevations, sectionals, and isometrics
- Custom design & expediting readily available
 - Unlimited custom hardware preps

POWDER COATING

At Avalon, we finish our frames with the highest quality powder coatings—superior to liquid paints and more consistent than anodized finishes. The nicks, scratches, and production flaws often seen in liquid finishes simply won't be found in our process. Instead, powder provides a smooth, attractive surface available in a wide range of gloss levels, with uniform coating density, texture, and thickness across every surface. Our epoxy-polyester hybrid ensures exceptional strength, flexibility, and impact resistance.

We offer a broad selection of standard colors, and can also **custom match** any shade you need—from subtle pastels to bold metallics—delivering consistent beauty and long-lasting durability on every project.



CLEAR ANODIZED



STANDARD BLACK



STANDARD BRONZE



STANDARD GREY



STANDARD CHAMPAGNE



STANDARD WHITE

**AVALON POWDER
COATS ARE 100%
ENVIRONMENTALLY
FRIENDLY**



FINISHES & SUSTAINABILITY

Class I or Class II Clear Anodized

Powder Coat - NO VOC - LEED credits EPD, MRC2, MRC3, MRC4, EQC2

NOTE: Colors shown on this page are ink representations only. Colors may vary on actual products.



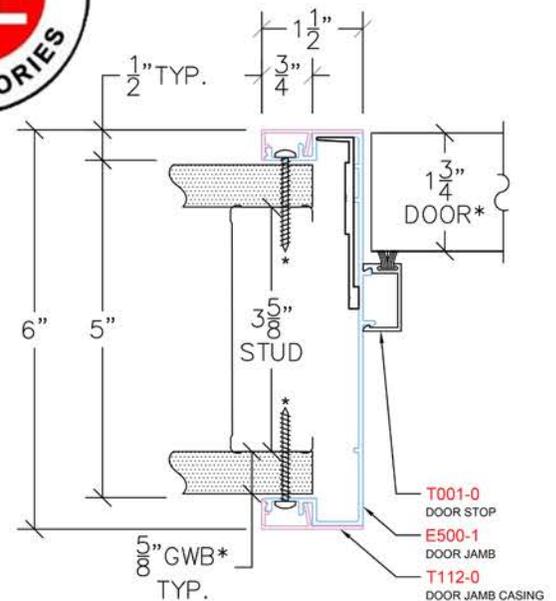
EAGLE FRAME

ALUMINUM FRAMES WITH GLAZING
Non-Rated / 20 - 45 Minute Fire-Rated
Pat. No. US 10,871,024 B2



OVERVIEW

The Eagle System is a striking doorway characterized by its sleek design, offered in varying heights of floor to ceiling or less. This system is able to wrap **any** wall thickness ranging from 3-1/2" to 16-1/2". The Eagle system's ability to accommodate wall sizes by 1/8" increments also allows for the option to mount it flush against the wall using wall backers. The system includes a conventional header, individual wrapped "snap-on" casing, and frame installation hardware.



E100 - DOOR JAMB

KEY FEATURES

Eagle is a snap to erect system. Headers and jambs fit smoothly into the rough opening, to be easily plumbed & secured. It is then a simple matter to attach the hardware and hang the door. Eagle's unique casing, which snaps on last, overlaps and hides wallpaper cuts and paint splatters. Profiles are available in 1-1/2", 2", 4" or 6". No starter channel or wood blocking required for sidelights.



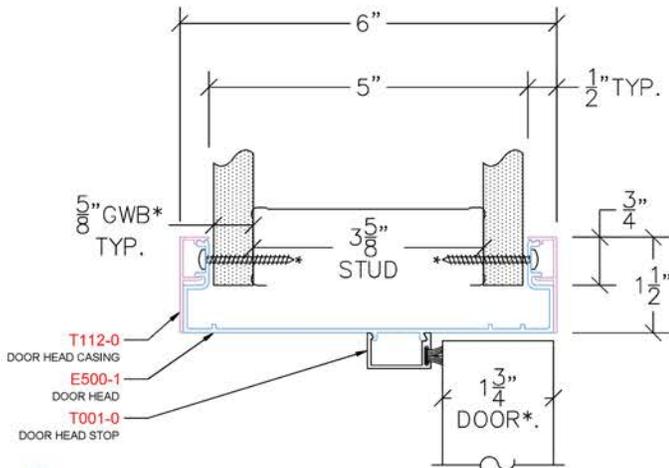
5th Annual Construction & Engineering Awards 2020

Avalon International Aluminum was awarded:

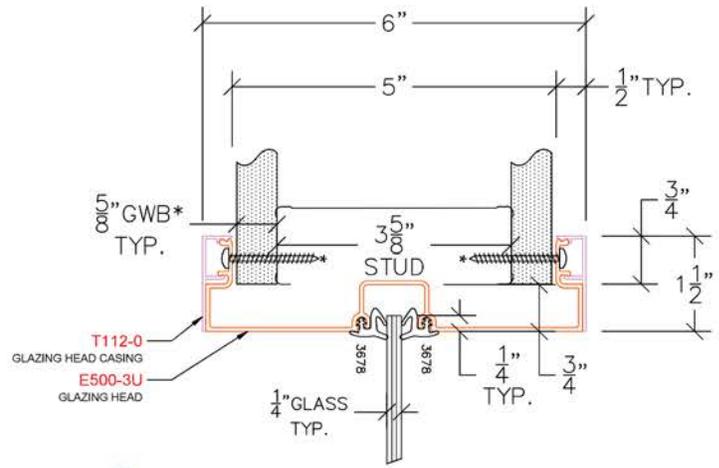
- Leading Manufacturer of Interior Aluminum Frames - North America
- Most Advanced Aluminum Framing System

ALL THROATS FEATURE:

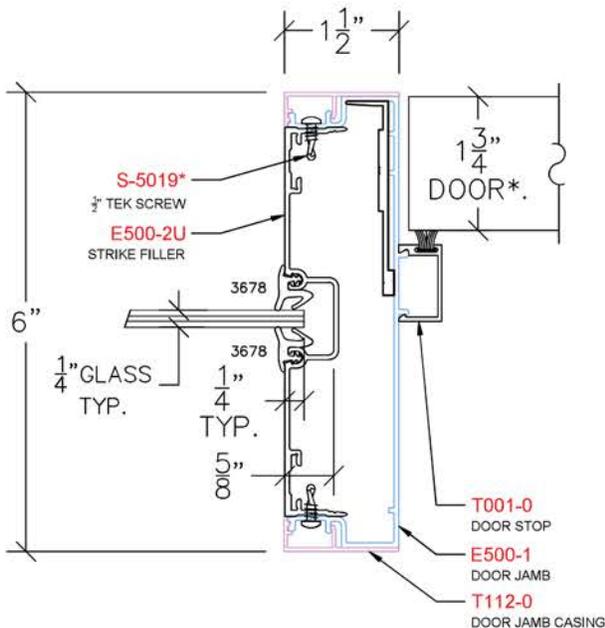
- Flush Glazing
- 3-1/2" to 16-1/2" walls in 1/8" increments
- Can accommodate up to 2-1/2" glazing
- No sill starter/wood blocking required
- No field notching of trim required



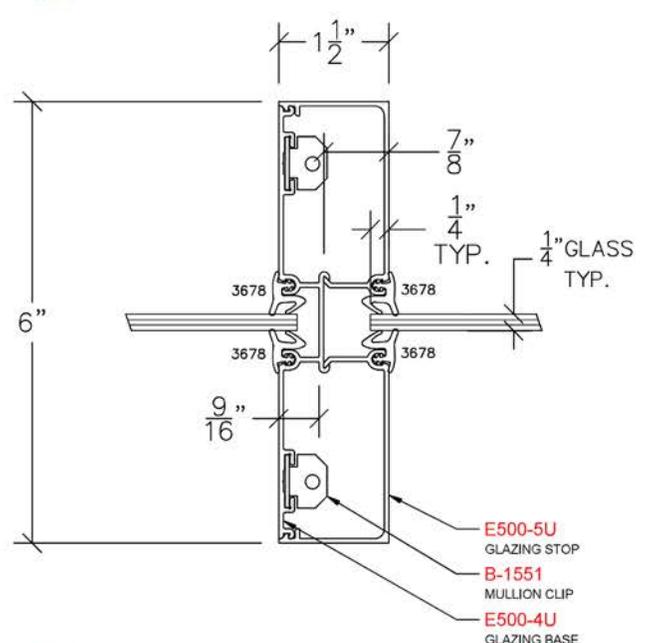
E200 - DOOR HEAD



E400 - GLAZING HEAD



E150 - DOOR JAMB SIDELIGHT



E305 - GLAZING INTERMEDIATE VERTICAL



EAGLE FRAME

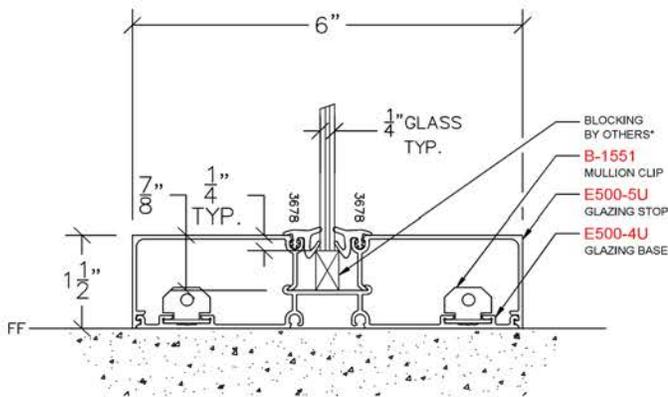
45 MINUTE FIRE-RATED
SIDELIGHT



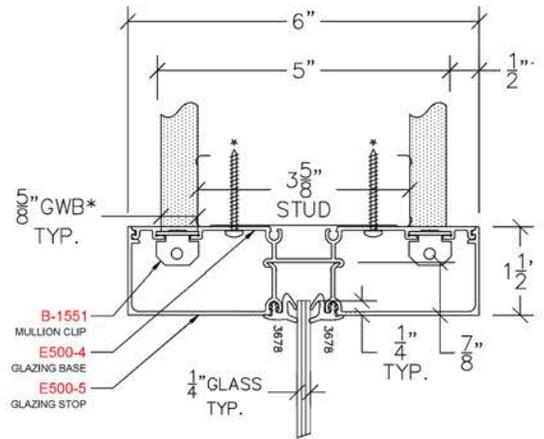
STANDARD WALL SIZES

2-1/4"
3-1/2"
3-3/4"
4-1/4"
4-7/8"
5"
5-1/8"
5-1/4"
5-1/2"
6-1/8"
7-1/4"
8-1/2"

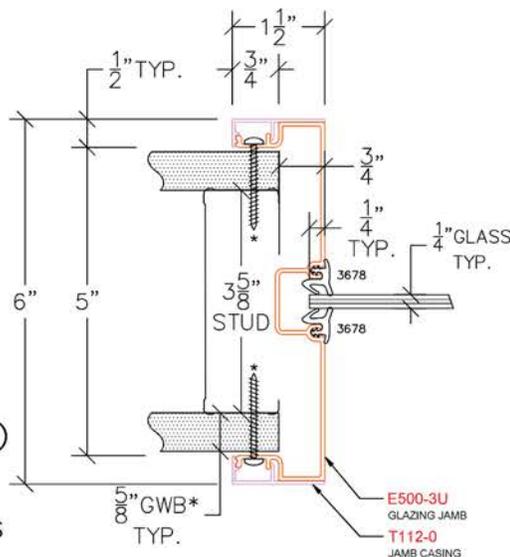
- All throats have an extra 1/8" added. (Example: 7-1/4" Wall = 7-3/8" Throat)
- The Eagle Universal frame captures any wall thickness up to 16-1/2".



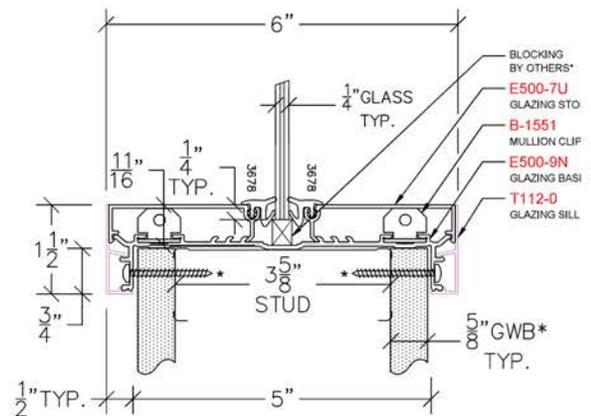
E420 - GLAZING SILL



E425 - GLAZING HEAD



E300 - GLAZING JAMB

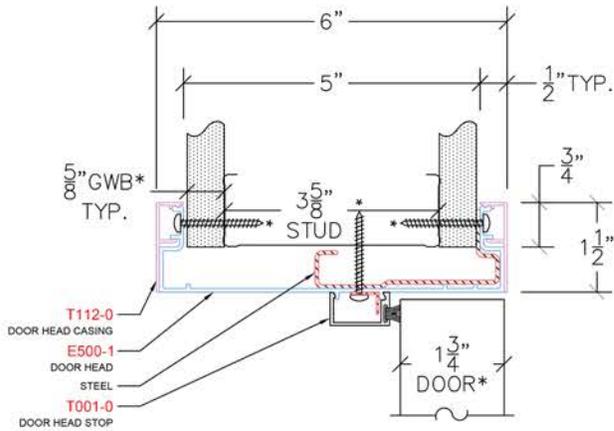


E430 - GLAZING SILL KNEEWALL

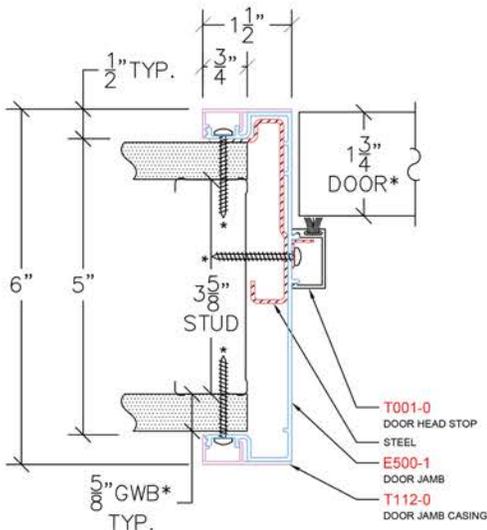


PHOENIX FRAME

90 MINUTE FIRE-RATED
ALUMINUM DOOR FRAME



P200 - DOOR HEAD



P100 - DOOR JAMB

OVERVIEW

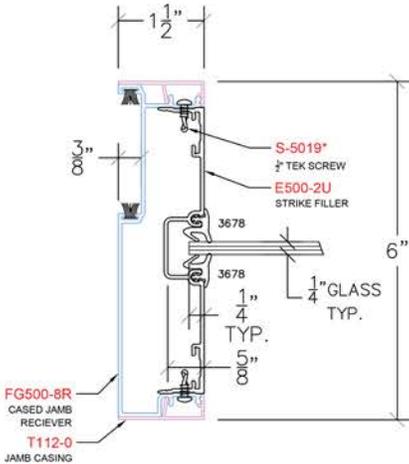
Avalon's Phoenix Series aluminum door frames are engineered to meet or exceed fire safety standards, including ASTM E-152, UL 10B, NFPA 252, CSFM 43.7, UBC 43.2, and CAN4 S-104, for up to 90-minute fire-rated assemblies. Designed for ease and efficiency, Phoenix frames ship with steel components and hardware preinstalled, allowing for quick installation with either prefinished or unfinished wallboards. With factory-applied finishes and profiles coordinated to match Avalon's non-rated, 20-, and 45-minute Eagle Series, Phoenix ensures seamless design continuity across your entire project without the need for job site finishing.

KEY FEATURES

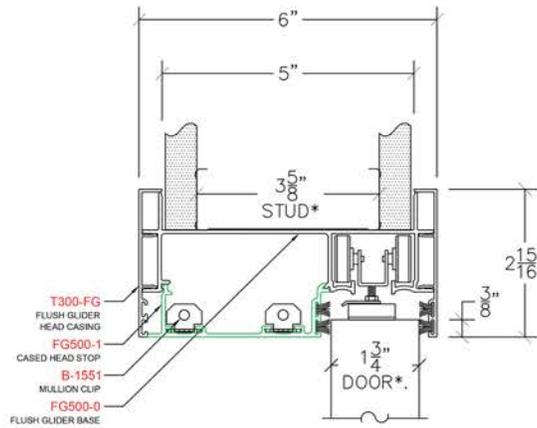
- Available in various throat sizes from 2-1/4" up to 16-1/2" in 1/8" increments.
- Available in either 1-1/2" to 2" face.
- Multiple hardware preps available.
- Maximum size 8'-0" x 10'-0" Available



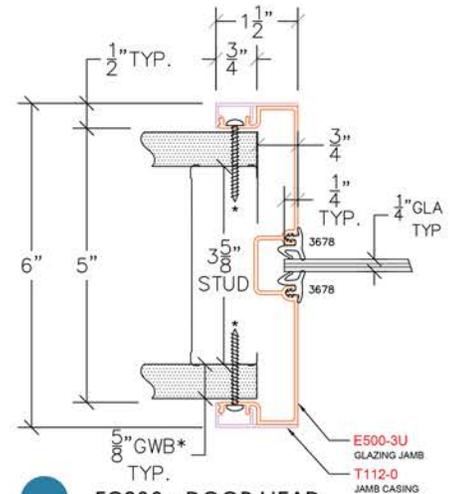
FLUSH GLIDE



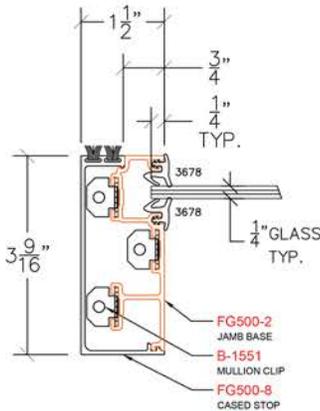
FG150R - GLAZING JAMB RECEIVER



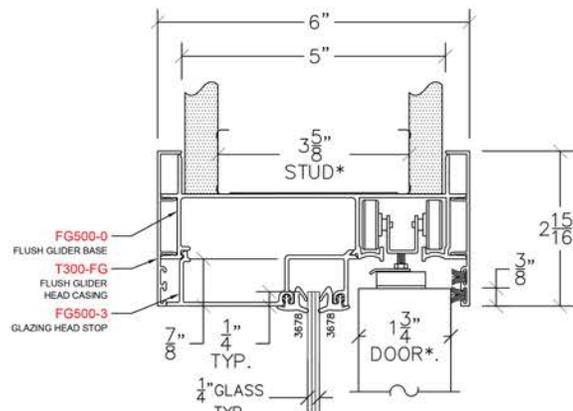
FG200 - DOOR HEAD



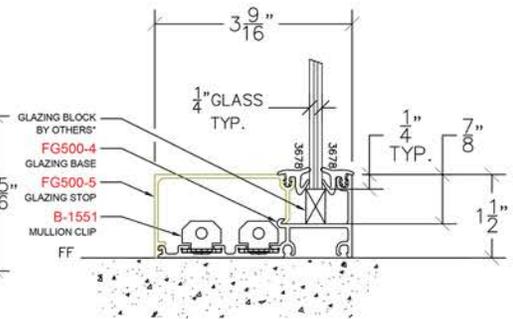
FG200 - DOOR HEAD



FG150 - CASIED VERTICAL MULLION



FG400 - GLAZING HEAD



FG420 - GLAZING SILL

OVERVIEW

Avalon's Flush Glider System provides the ideal solution for confined door spaces. Beyond its space-saving design, the Flush Glider ensures safe, gentle closure and eliminates slamming. For added versatility, it is also available with a transom option, offering architects and designers flexibility without compromising appearance.

KEY FEATURES

- Space-saving design, perfect for confined openings
 - Available with or without transom
- Seamless, modern aluminum frame profiles (1-1/2" or 2")
 - Available for both 4-7/8" and 5-1/2" walls

BARN DOOR SLIDER

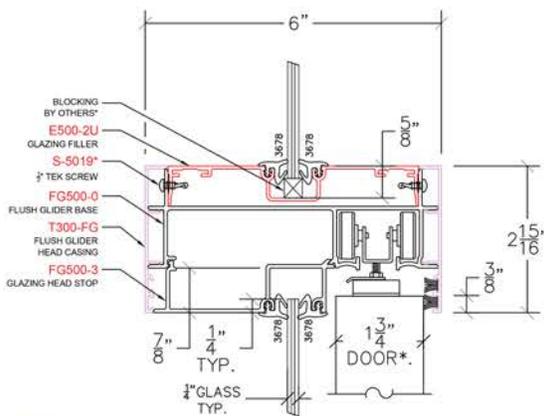


OVERVIEW

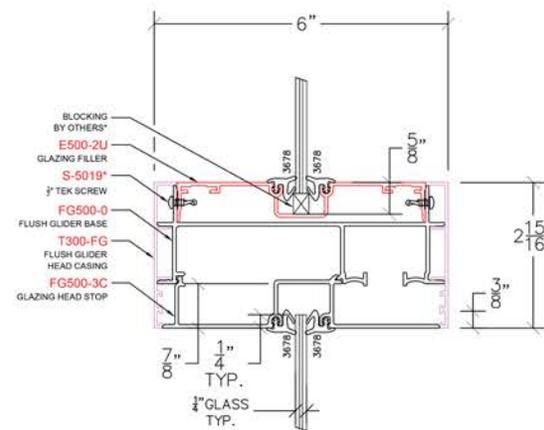
Avalon's barn door sliders are designed to glide smoothly along the exterior of the wall, offering a space-saving solution for modern interiors.

KEY FEATURES

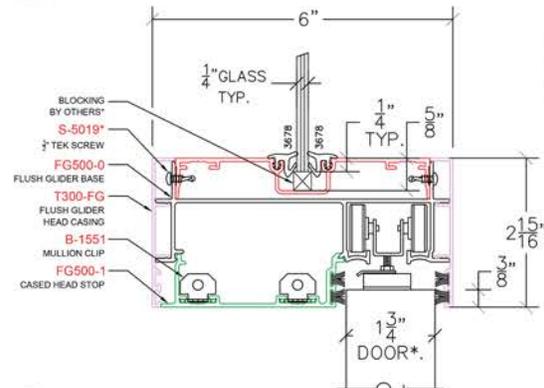
- Available in Pocket Door and Bypass Door options
- Compatible with 1-3/4" and 1-3/8" doors
- Sleek, functional design that maximizes usable space
- A complete system when paired with IPIK by Avalon's PLAM door



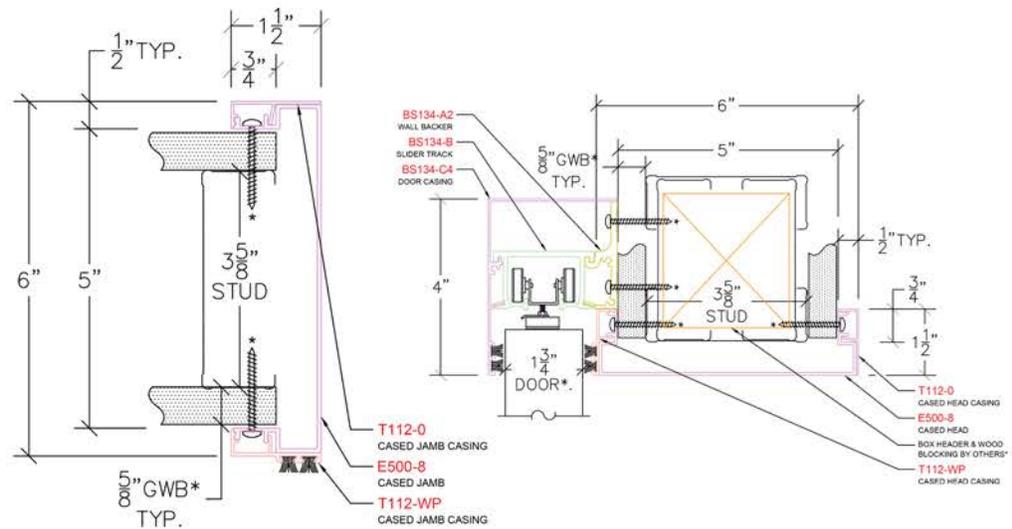
FG426 - GLAZING HEAD WITH TRANSOM



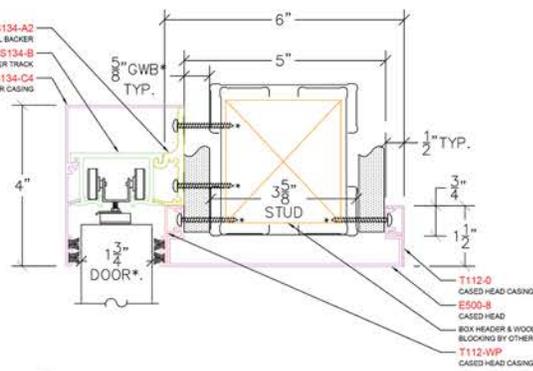
FG426C - GLAZING HEAD COVERED WITH TRANSOM



FG216 - DOOR HEAD WITH TRANSOM

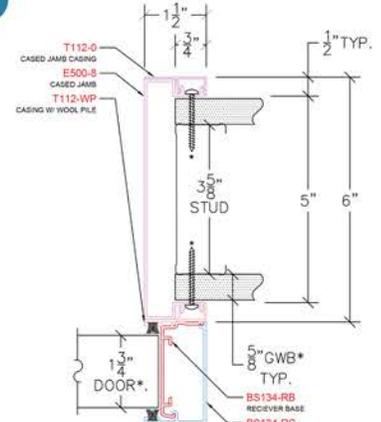


BS140 - CASED JAMB



BS216 - CASED HEAD

BS214 - CASED HEAD



BS140R - CASED JAMB RECEIVER



TACITUS SYSTEM

ALUMINUM FRAMES WITH DOUBLE GLAZING
Independently tested for STC 53

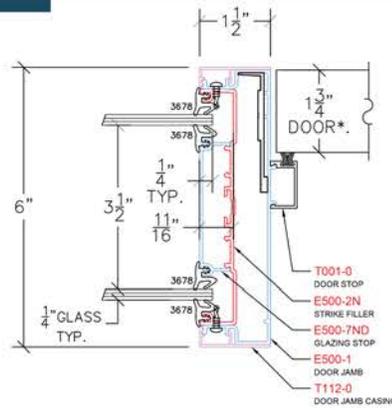
OVERVIEW

Avalon's Tacitus System, rated STC 53 by Riverbank Acoustical Laboratories, delivers exceptional sound control for spaces from medical offices to recording studios. With flexible glazing options, a wide air gap, and easy field assembly, it provides optimal noise reduction for a quiet, professional environment.

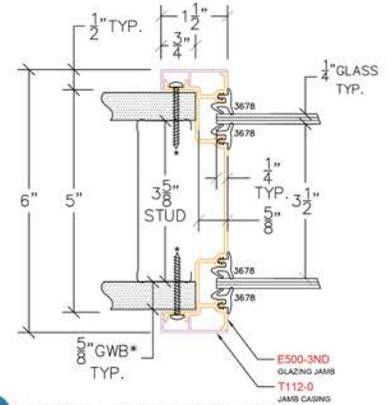
KEY FEATURES

Glass thickness varies per STC requirement:

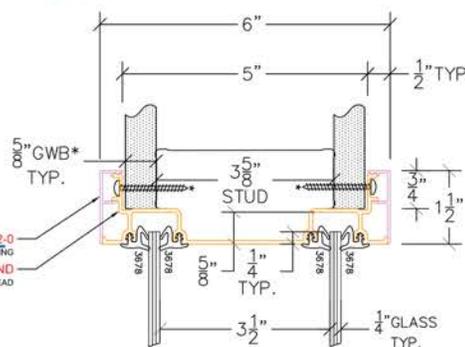
- 1/4" laminated glass for STC 35
- 1/4" laminated and 5/16" laminated glass for STC 48
- 9/16" laminated and 1/2" laminated glass for STC 53
- 5" throat; or 8-1/2" throat (STC 59)



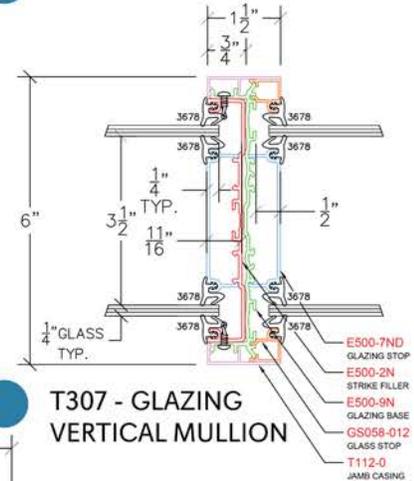
T150 - DOOR JAMB SIDELIGHT



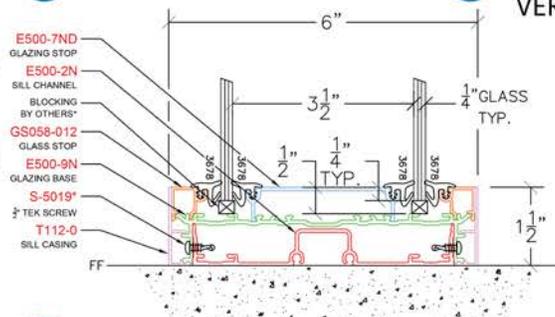
T300 - GLAZING JAMB



T400 - GLAZING HEAD



T307 - GLAZING VERTICAL MULLION



T420 - GLAZING SILL

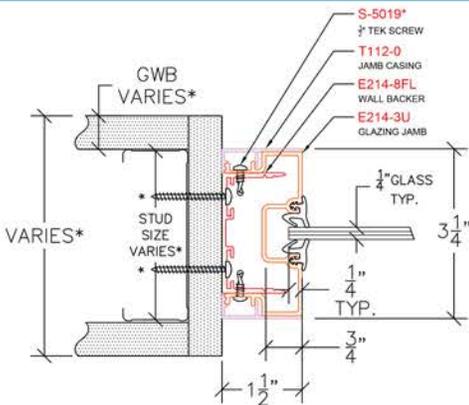




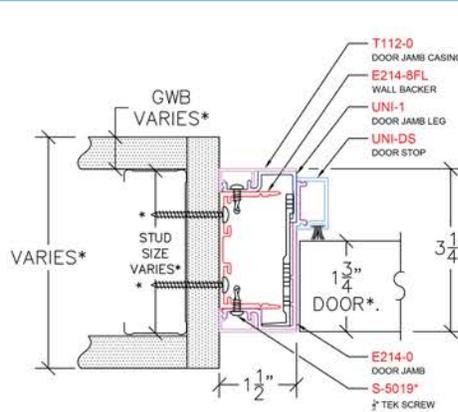
DEMOUNTABLE SYSTEM

EAGLE SECTION VIEWS - E214

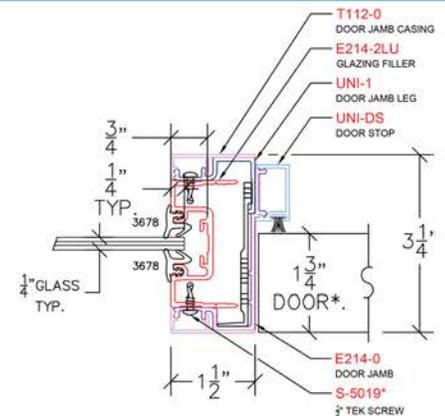
When specified under Div. 102219, AVALON Demountables qualify for Section 179 tax deductions.



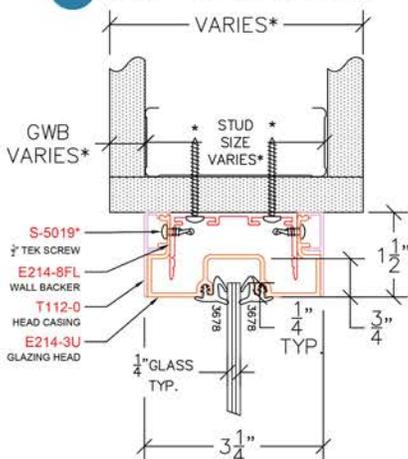
E308 - GLAZING JAMB



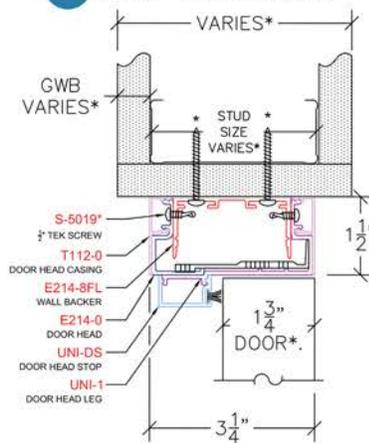
E108 - DOOR JAMB



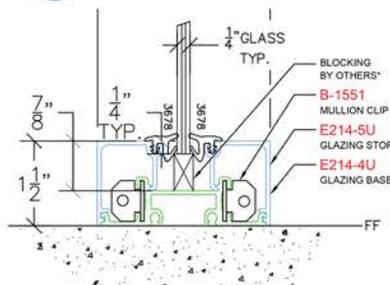
E150 - DOOR JAMB SIDELIGHT



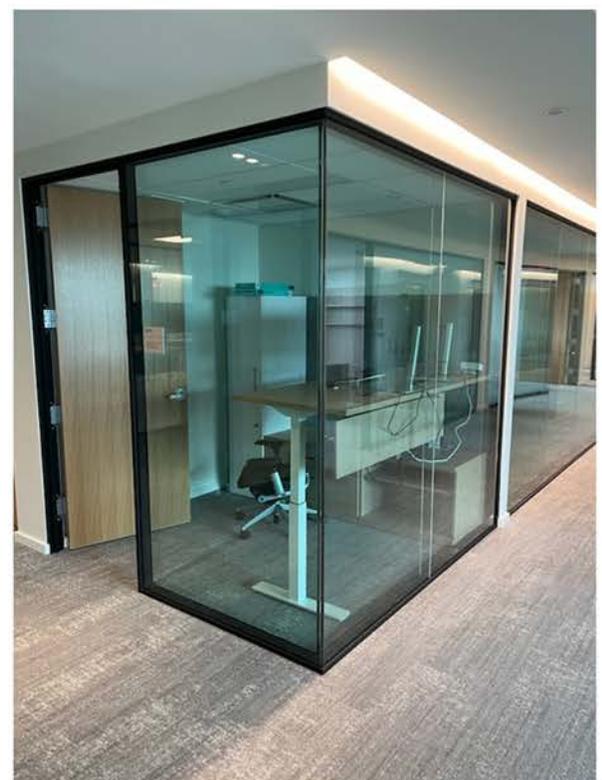
E408 - GLAZING HEAD



E208 - DOOR HEAD



E420 - GLAZING SILL





DEMOUNTABLE SYSTEM

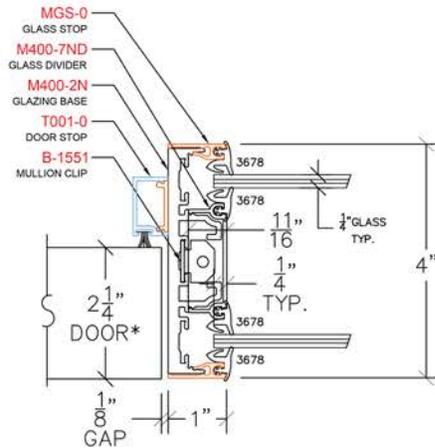
1" FACE DOUBLE GLAZED - MIMUS

OVERVIEW

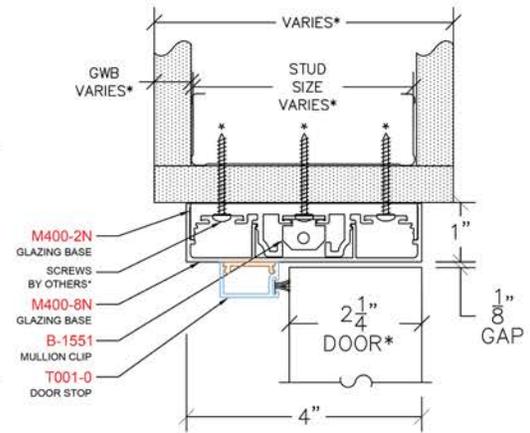
Avalon's Demountable System offers a streamlined alternative to traditional wall-wrapping systems. Designed to butt cleanly against existing walls, this system delivers a modern aesthetic while reducing installation time and complexity. With durable aluminum framing and versatile glazing options, it provides the flexibility needed for dynamic commercial spaces without compromising performance or style.

KEY FEATURES

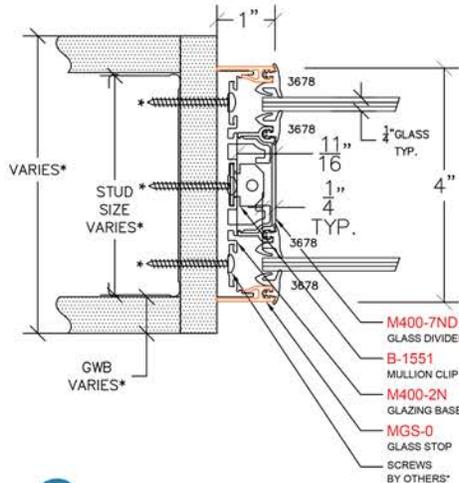
- When specified under Division 102219, Avalon Demountables qualify for Section 179 tax deductions.
- Glass thickness varies per STC requirement.



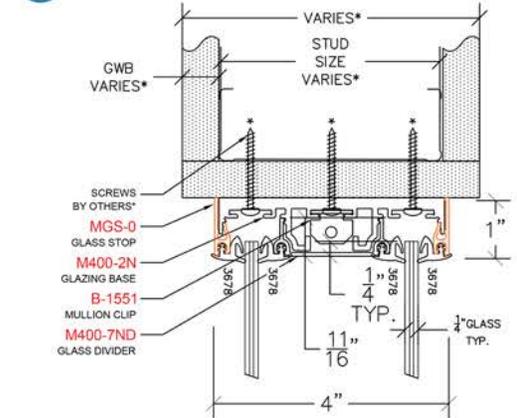
M150 - DOOR JAMB SIDELIGHT



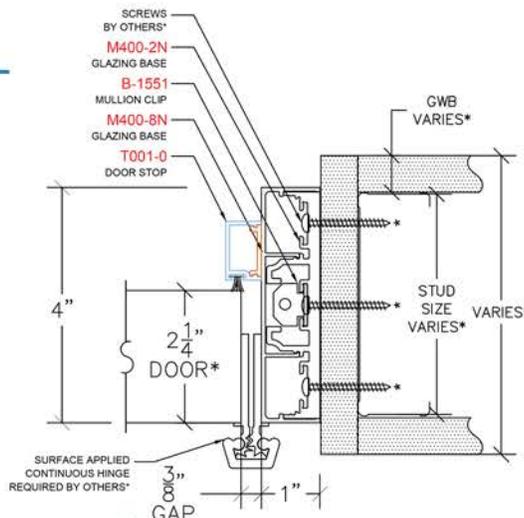
M200 - DOOR HEAD



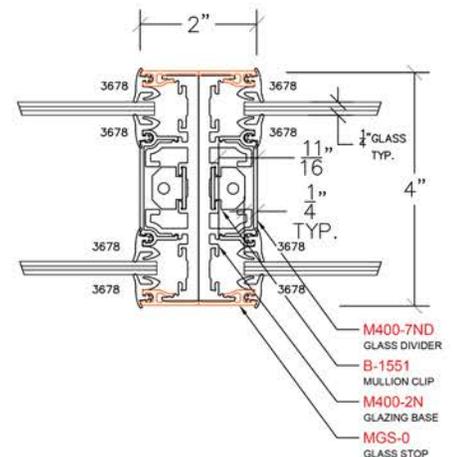
M300 - GLAZING JAMB



M400 - GLAZING HEAD

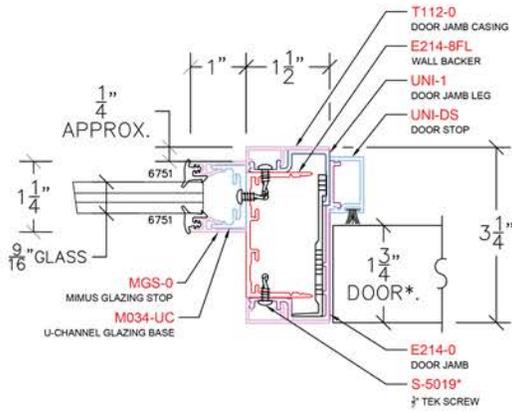


M100 - DOOR JAMB

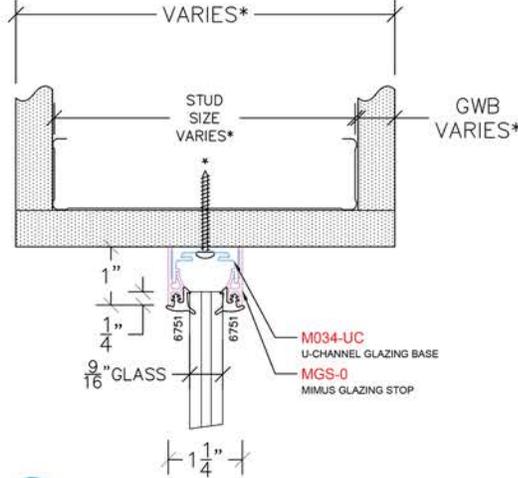


M305 - GLAZING VERTICAL

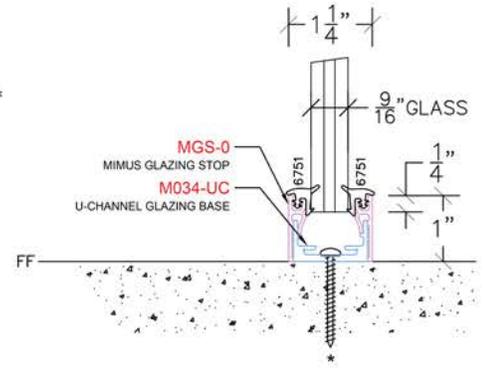
1" FACE U-CHANNEL



M150 - DOOR JAMB SIDELIGHT

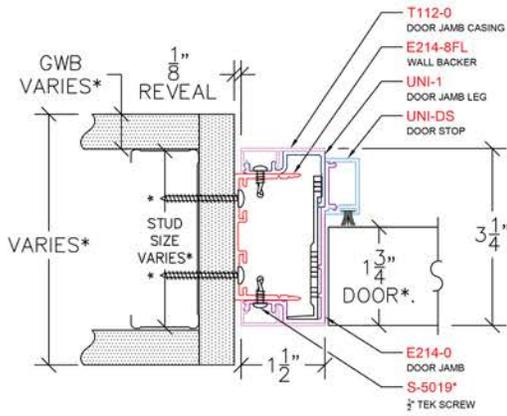


M400 - GLAZING JAMB

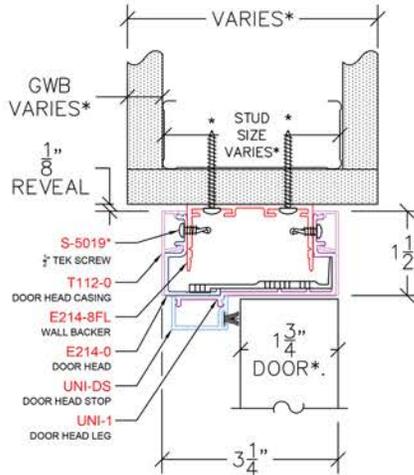


M420 - GLAZING SILL

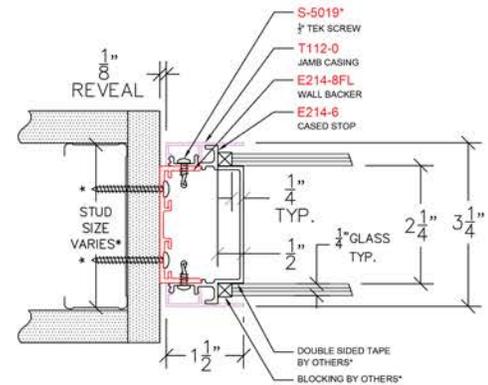
EXPOSED VITRIUM SECTION VIEWS - 1-1/2" DOUBLE GLAZED



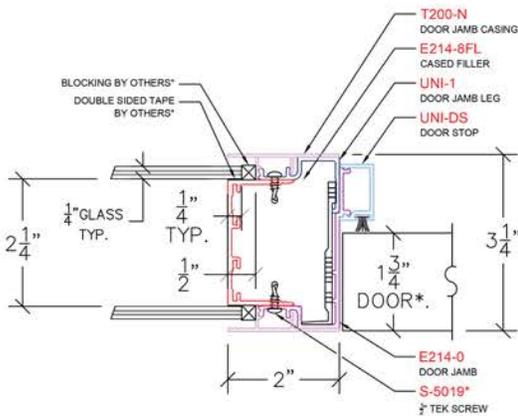
EV108 - DOOR JAMB



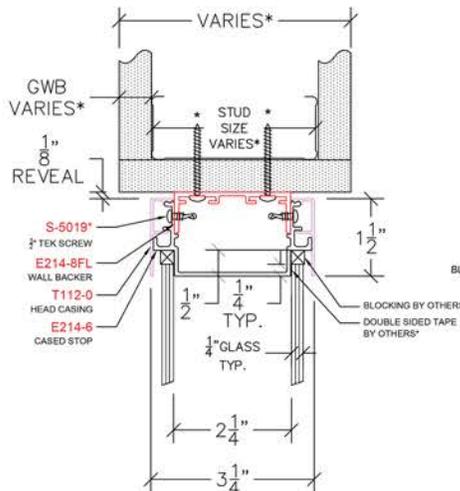
EV208 - DOOR HEAD



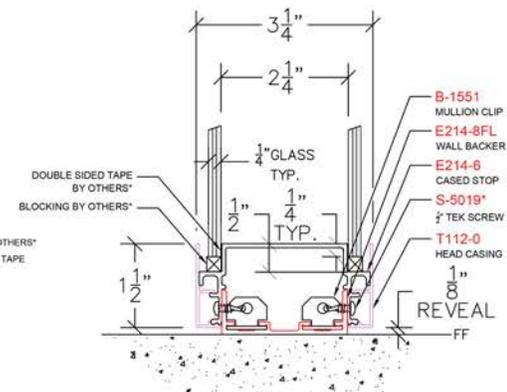
EV308 - GLAZING JAMB



EV150 - DOOR JAMB SIDELIGHT



EV408 - GLAZING HEAD



EV420 - GLAZING SILL



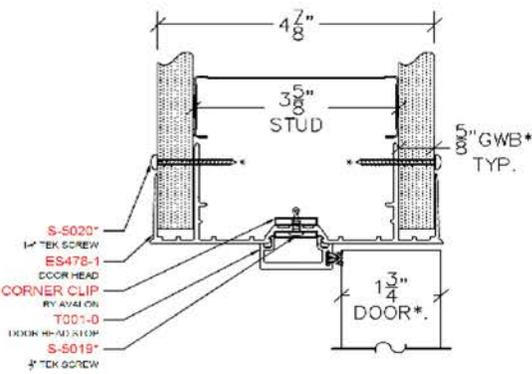
SPECIAL SYSTEMS

EAGLE STEALTH

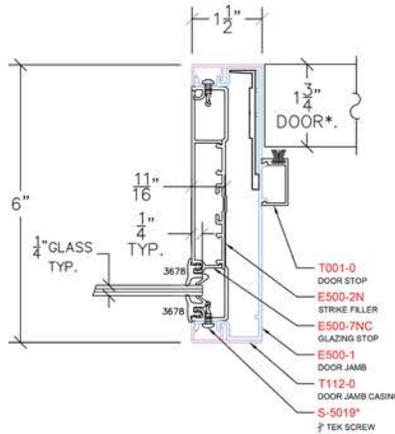
Avalon's invisible, concealed frame.

OFFSET GLAZING

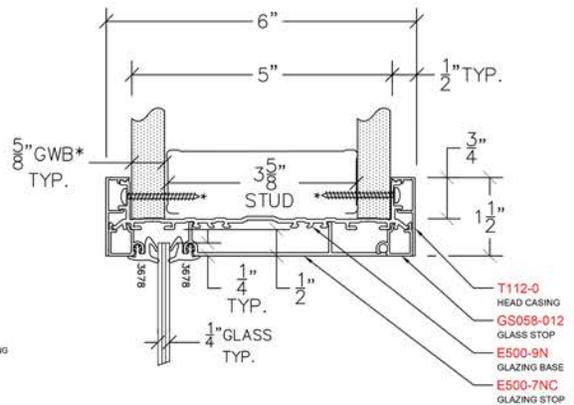
4-7/8" Throat



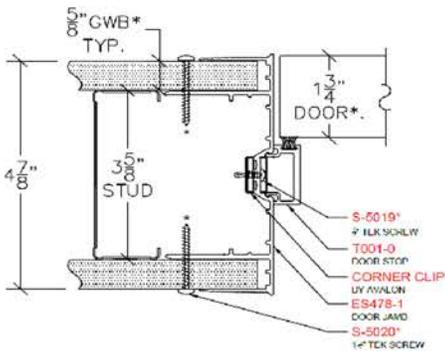
ES200 - DOOR HEAD



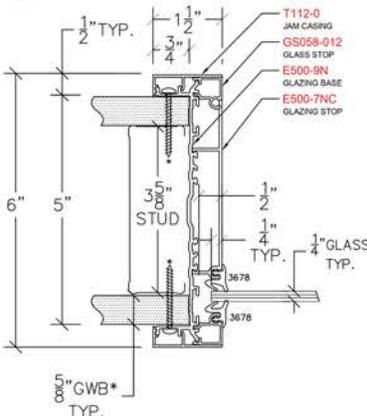
O150 - DOOR JAMB SIDELIGHT



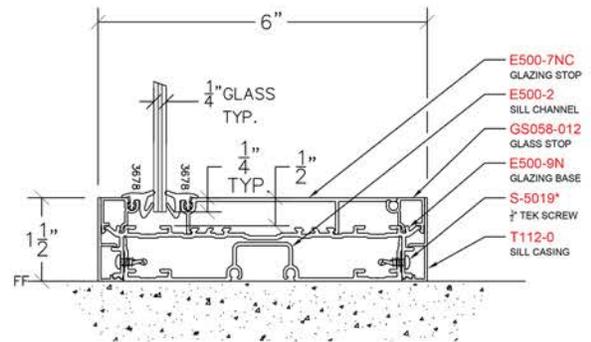
O400 - GLAZING HEAD



ES100 - DOOR JAMB



O300 - GLAZING JAMB

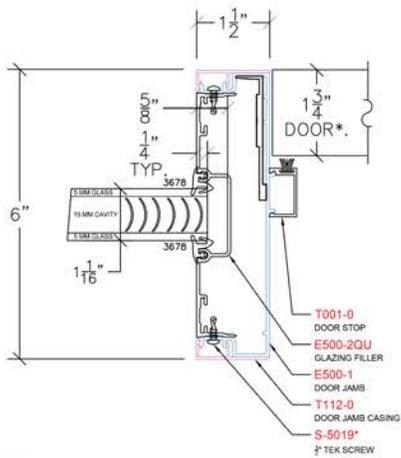


O420 - GLAZING SILL

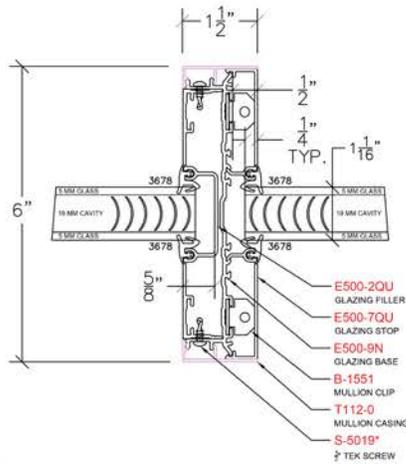
INTEGRAL BLINDS



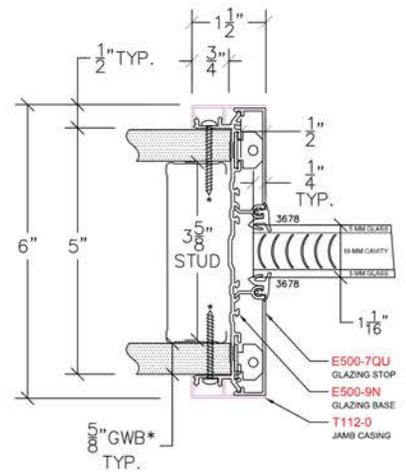
INTEGRAL BLINDS



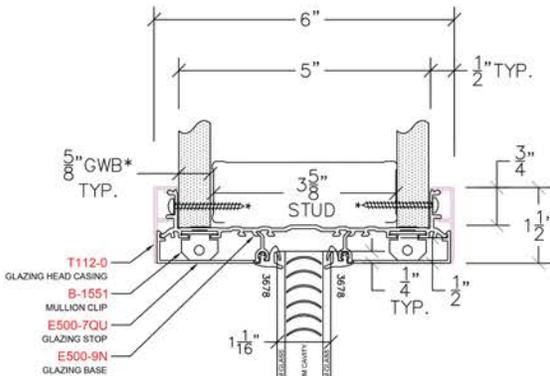
E150 - DOOR JAMB SIDELIGHT



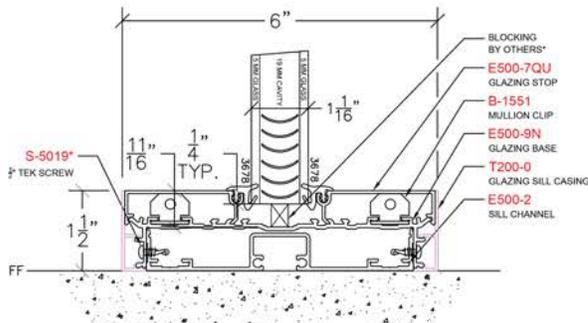
E307 - GLAZING INTERMEDIATE VERTICAL



E309 - GLAZING JAMB

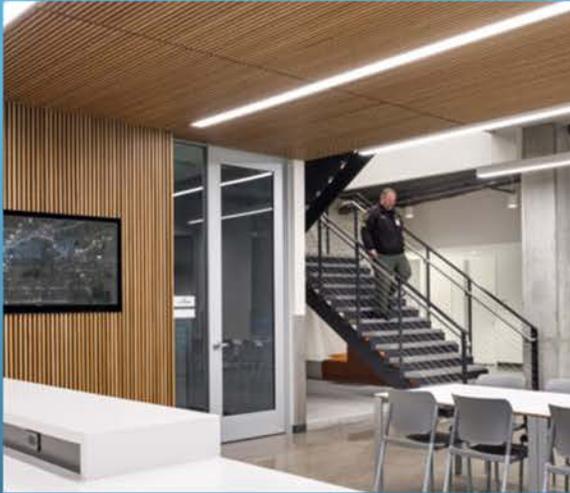


E409 - GLAZING HEAD

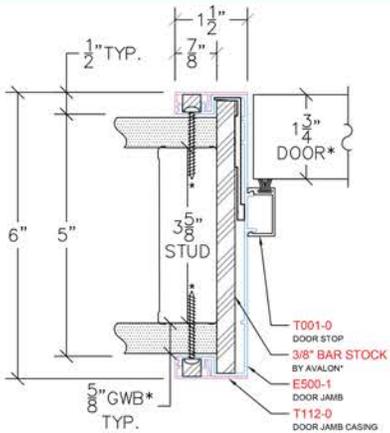


O420 - GLAZING SILL

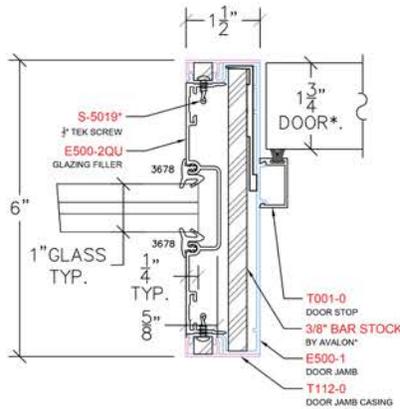




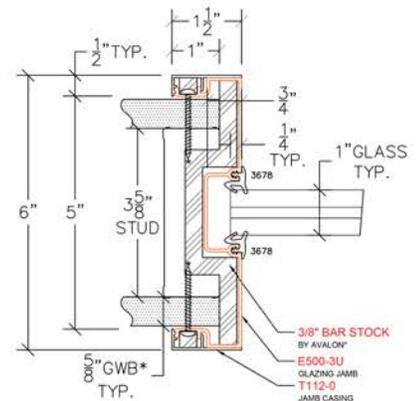
LEVEL 3/LEVEL 7 SECURITY DOOR & FRAMES



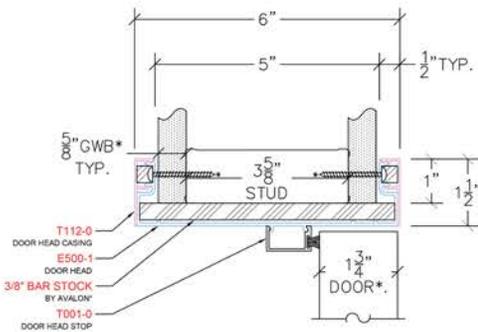
E100 - DOOR JAMB



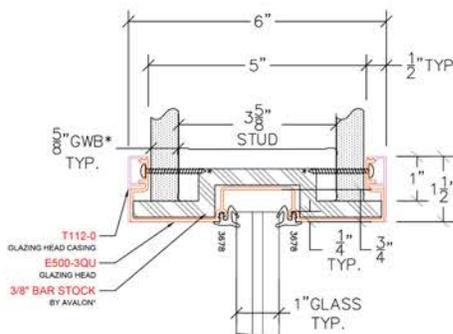
E150 - DOOR JAMB SIDELIGHT



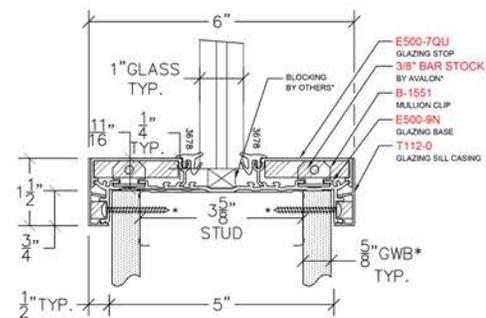
E300 - GLAZING JAMB



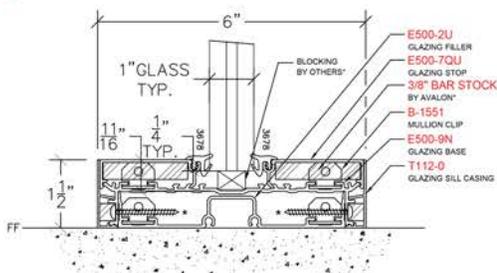
E200 - DOOR HEAD



E400 - GLAZING HEAD

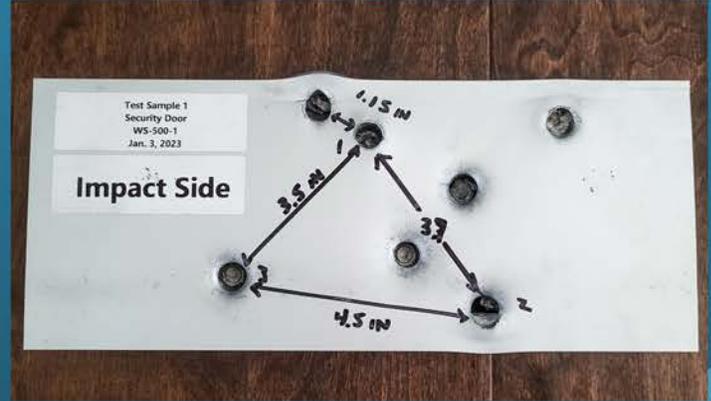


E430 - GLAZING SILL KNEEWALL



E420 - GLAZING SILL





BLAST RESISTANT OVERVIEW

Avalon's Blast Resistant Windows are engineered to safeguard occupants and structures against extreme explosive forces. During testing, each window unit was positioned just 2 meters from the center of a 500g TNT cylindrical charge (80mm x 61mm), detonated with an electric No. 8 detonator.

The results confirmed exceptional durability and safety: the aluminum alloy frame remained intact, the sash absorbed the blast load, and the laminated glass held strong with no back-side fragmentation or splash.

LEVEL-3/LEVEL 7 BALLISTIC OVERVIEW

Avalon proudly offers Ballistics Level-3 Security doors and Frames, designed to provide protection in high-security environments. Rigorously tested under extreme conditions, each sample was subjected to multiple rounds from a .44 Magnum at a distance of 15 feet. The results demonstrated superior performance—no spalling, no penetration, and complete resistance to ballistic impact.

Whether for government facilities, financial institutions, or sensitive commercial spaces, our doors and frames combine security with the refined aesthetic of Avalon craftsmanship.



AVALON DOORS

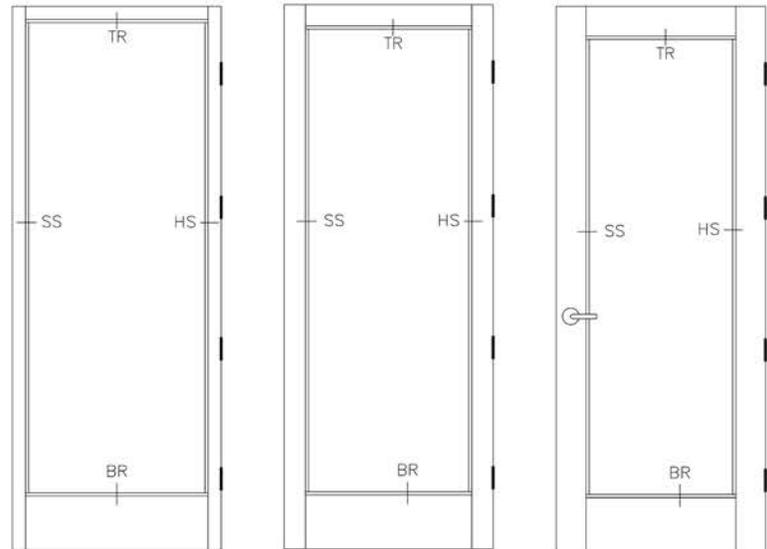
ALUMINUM DOORS WITH GLAZING
Non-Rated / 20 - 45 Minute Fire-Rated
Pat. No. US 10,871,024 B2

OVERVIEW

Avalon International Aluminum doors combine strength, versatility, and modern design. Engineered for performance and aesthetics, these aluminum doors are available in narrow, medium, and wide stile options, with fully customizable finishes to complement any project.

KEY FEATURES

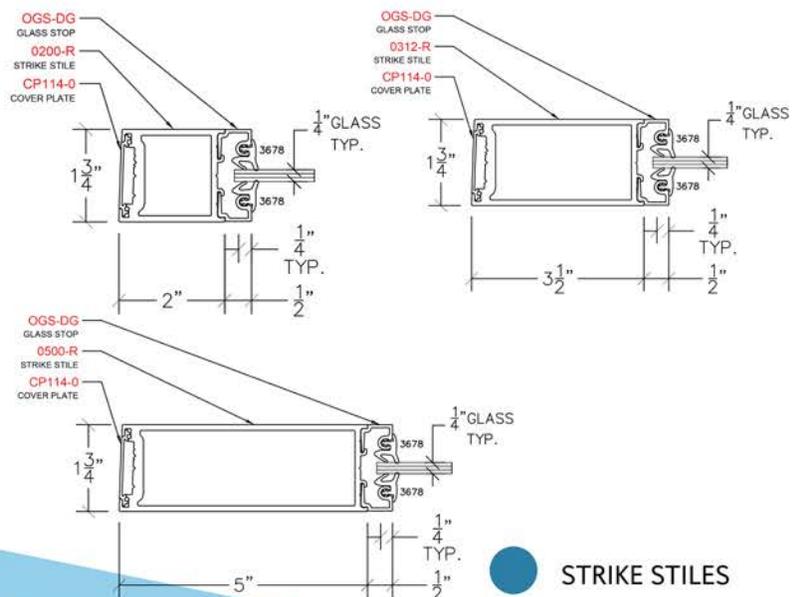
- Wide range of stile sizes, finishes, and glazing options ($\frac{1}{4}$ " to 1" glass, insulated glass, integrated blind units, and insert panels).
- Hardware preps included.
- Standard preps for locksets, butt hinges, and ANSI strikes, with premium upgrades available.
- Heavy-duty all-aluminum hinge backers and integrated backers for premium hardware ensure long-lasting performance.
- Dual glazed door options offer design flexibility.

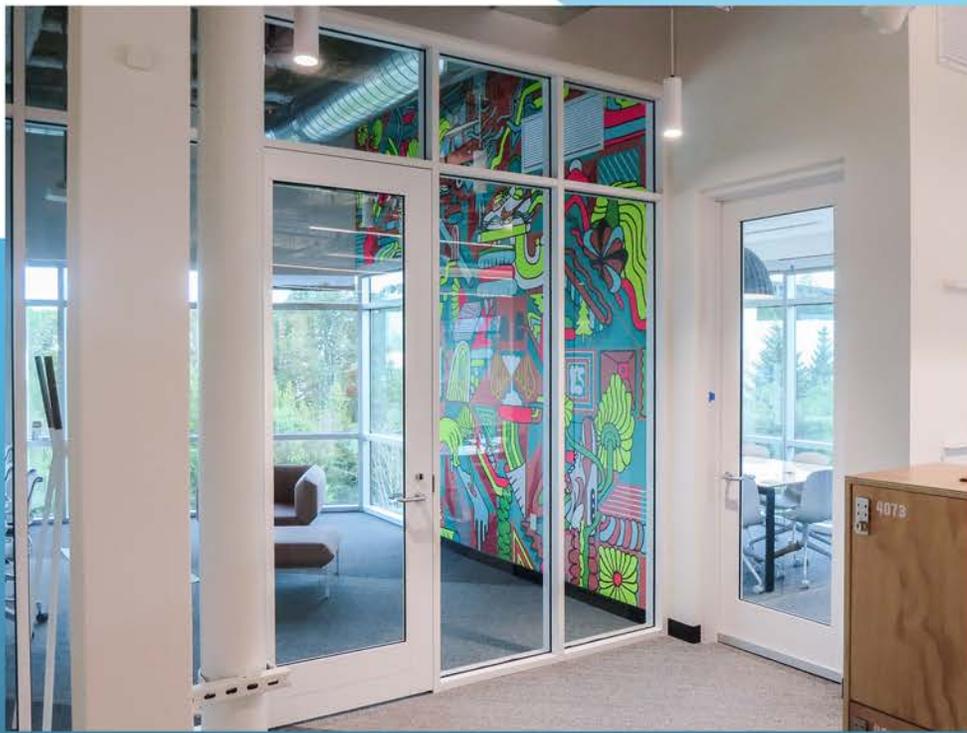


NARROW

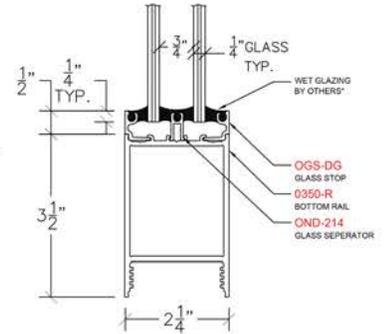
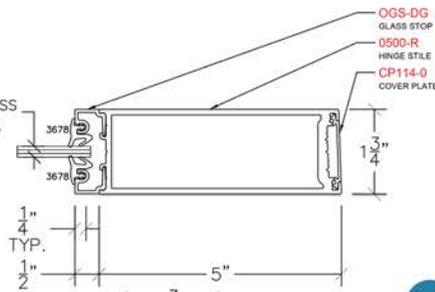
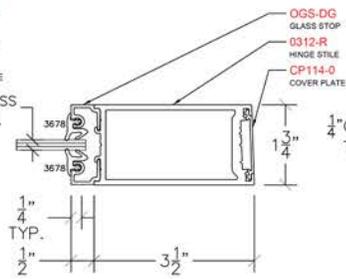
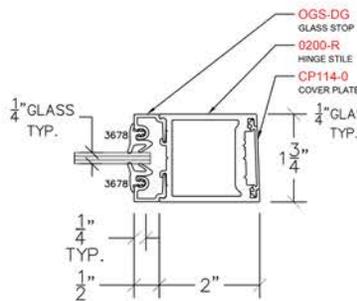
MEDIUM

WIDE



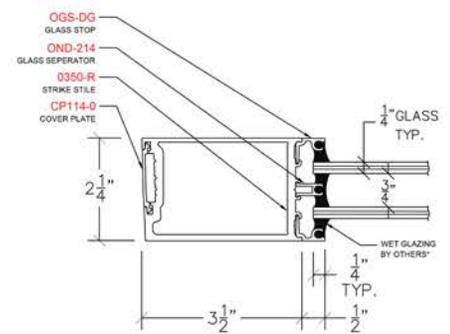
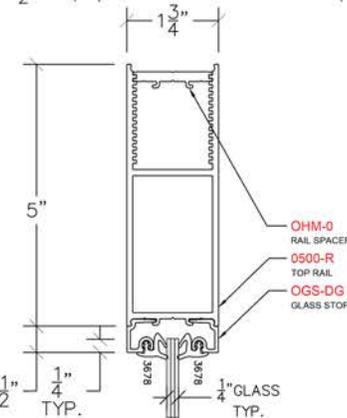
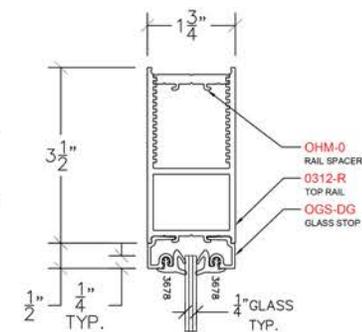
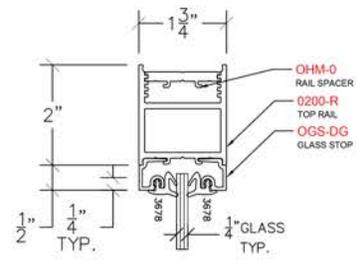


DOUBLE GLAZED DOORS



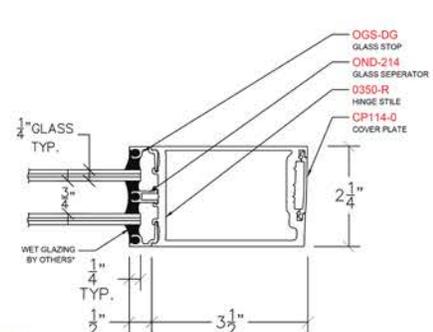
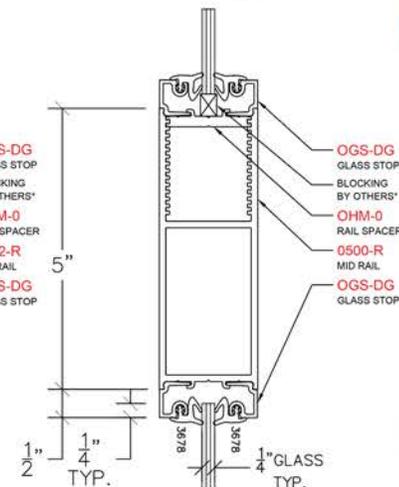
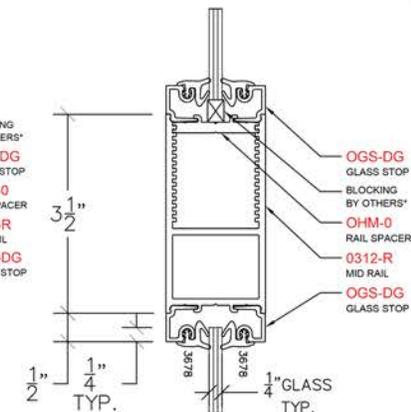
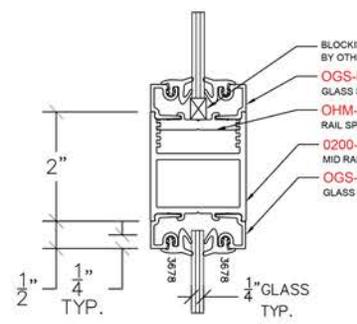
HINGE STILES

DOUBLE GLAZED BOTTOM RAIL



TOP RAILS

DOUBLE GLAZED STRIKE STILE



MID RAILS

DOUBLE GLAZED HINGE STILE

IPIK DOORS BY AVALON



SERVICE DISABLED VETERAN
OWNED SMALL BUSINESS

OVERVIEW

At IPIK by Avalon, we specialize in custom door finishing that ensures unmatched quality and consistency. Every stain is custom-mixed in-house to perfectly match your sample, recorded in our archival database, and reproducible for decades. Combined with our exclusive Crystal-Thane finishing system, your doors maintain a beautiful, durable finish that stands the test of time.



PARTICLE CORE 5-PLY

A durable, warp-resistant door built with our standard 5-ply construction for everyday performance and long-lasting stability.



MINERAL CORE 5-PLY

Fire-rated protection with a non-combustible mineral core—ideal for safety-compliant commercial and residential spaces.



STAVED LUMBER CORE

Built with solid wood blocks edge-glued together, staved lumber cores provide superior screw-holding power and a traditional wood feel.



STRUCTURAL COMPOSITE LUMBER CORE

Engineered for high-impact performance, SCL cores offer exceptional strength and stability in demanding commercial applications.



KEY FEATURES

- The original 5-ply door manufacturer
- Custom in-house stain matching, archived for future reproduction
- Crystal-Thane high-performance finish for lasting durability
- Choice of wood veneer, plastic laminate, or paint-grade finishes (HDF/MDO)

HARDWARE PREPS

OVERVIEW

Avalon's aluminum door frames and hardware systems are engineered for versatility, durability, and streamlined installation. With a wide range of standard and custom hardware preparations, Avalon frames are designed to integrate seamlessly with architectural requirements, delivering both function and aesthetic appeal. From fire-rated and acoustically tested assemblies to specialty options like flush glider systems, Avalon ensures reliable performance across commercial and institutional projects.

KEY FEATURES

MULTIPLE STANDARDIZED HARDWARE PREPS -

Accommodates 4-1/2" x 4-1/2" hinges, ANSI strike, no extended lip strike required.

AVALON SPECIALTY FEATURES -

- 1" or 2" wide door stop
- No additional bracket or backer needed for parallel arm closer
- Heavy-duty all aluminum hinge backer
- Mitre corners available
- Double egress frame
- No trim notching required.

PREMIER PREPS -

Examples: **SOSS** hinge preps, heavy weight hinges, electric hinges, 5" hinge preps; concealed closers, continuous hinges, EPT preps, electric strike preps, auto door bottoms.



AVALON STANDARD



1" doorstop width means closer support is not required.

COMPETITORS



Additional closer support required.



ROUGH OPENINGS

40" AAF to CL Latch for Cylindrical Locksets

HOW TO CALCULATE ROUGH OPENING SIZES

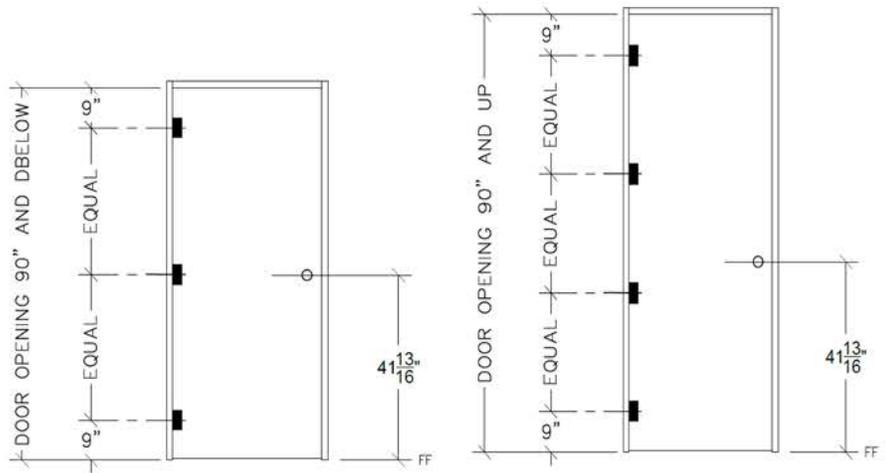
The rough opening (RO) sizes can be calculated easily by using these formulas.

The opening width + 1 1/2" = RO

The opening height + 3/4" = RO

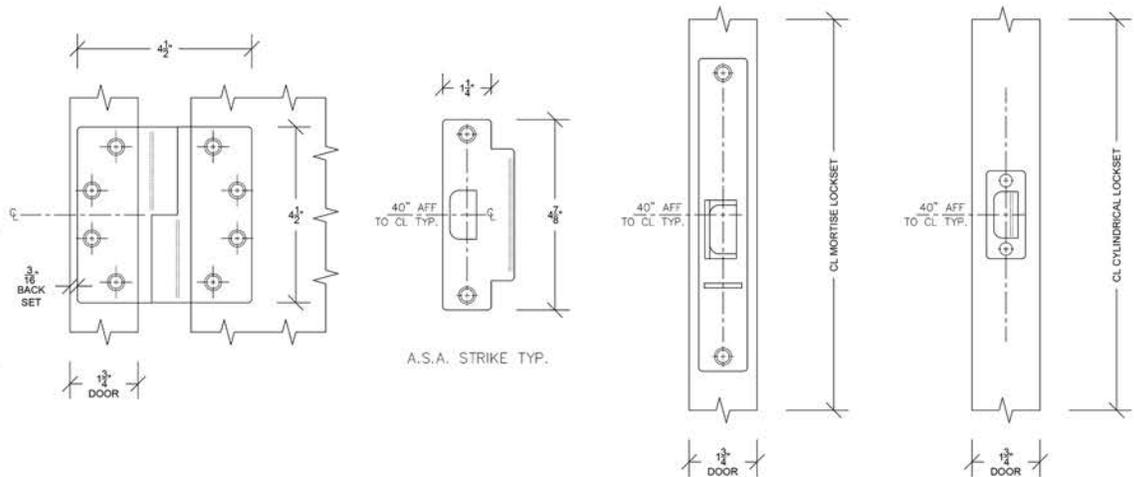
If including a sidelight,

The opening width + sidelight size + profile size + 1 1/2" = RO



HOW TO CALCULATE GLASS SIZES

The glass size can be calculated by:
Day light (DL) plus 1/4" on all sides
OR
Day light (DL) plus 1/2" on width & height





ALUMINUM
EXTRUDERS
COUNCIL



ENVIRONMENTAL PRODUCT

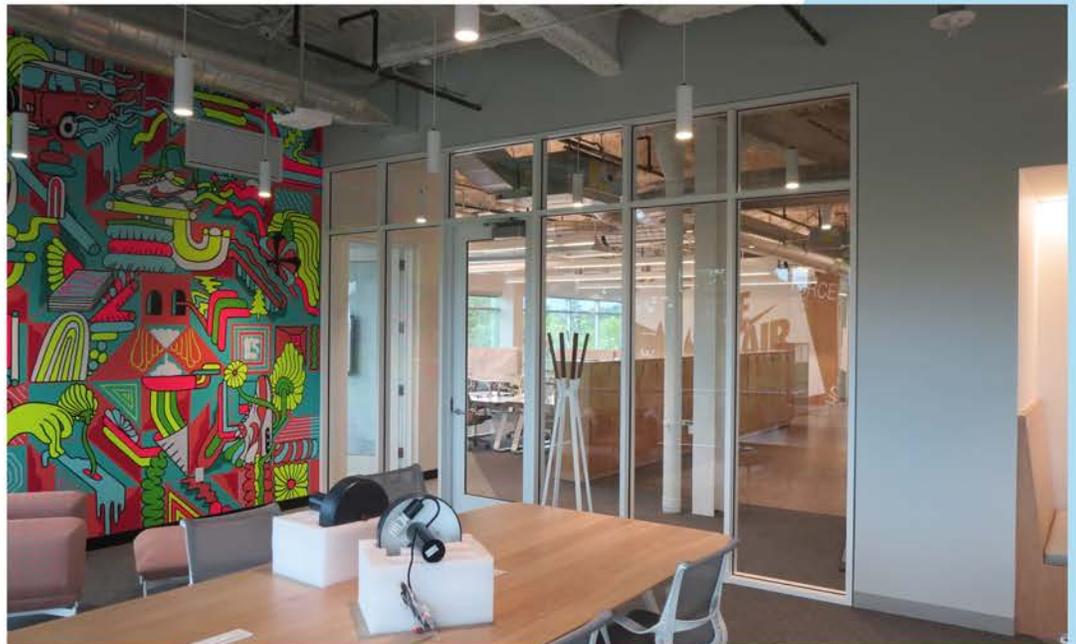
Avalon offers LEED compliance credit for MRc2 with EPD, MRc4 credit for ingredients (no VOC), & LEED v4.1 with low E.



Powder coating is the most environmentally responsible finishing option available. Unlike color anodizing, it is free from harsh chemicals and produces little to no volatile emissions. The process generates minimal waste, and any overspray can be reclaimed and reused, reducing environmental impact. Along with its ecological advantages, powder coating provides a durable, long-lasting finish that delivers consistent color coverage while concealing dye lines. For projects seeking both sustainability and superior performance, powder coating stands out as the clear choice.

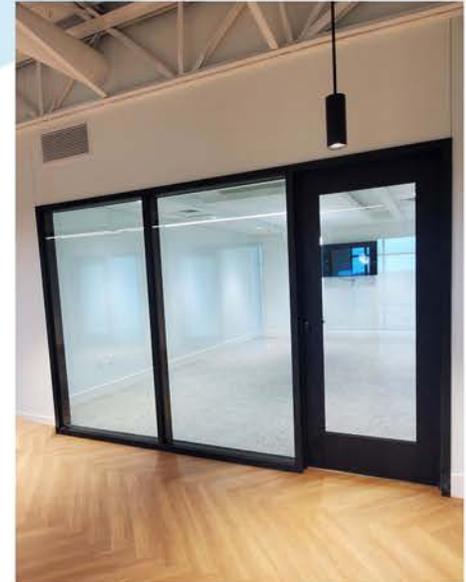
IN HOUSE POWDER COATING

**Pre-Consumer Scrap
Content** - 50.5%
**Post-Consumer Scrap
Content** - 19.2%





PREVIOUS PROJECTS



TAMU HEALTH TECH

Gensler Architects, 2019, College Station, TX

THE HUB AT FATE STATION

OWT Architects, 2024,
Fate, TX



ADIDAS CORPORATE OFFICE

Lever Architecture, 2018, Portland, OR



CHARLES SCHWAB

2024, Beaverton, OR



NIKE | DAN FOUTS BUILDING

Holst Architecture, Beaverton, OR

OUR PROCESS

1

TAKEOFF & QUOTATION

Send your architectural plans, hardware schedules, and door schedules to quotes@avalon.solutions.

Our estimating team will review the details and provide a comprehensive quotation tailored to your project requirements. We pride ourselves on fast turnaround times and clear, accurate pricing.

2

SHOP DRAWINGS

Upon acceptance of our quotation and receipt of your purchase order, our drafting team begins the custom shop drawing process.

These drawings reflect your project's specific requirements and incorporate all necessary hardware preparations, glass details, and design elements. You'll receive digital drawings for review and approval prior to fabrication.

3

REVIEW & APPROVAL

Your approval is key. Review the drawings carefully to ensure all details meet your expectations. Once approved, sign and return the cover page to release the project into fabrication.

Our team will confirm receipt and provide an estimated completion schedule.

4

FABRICATION

Our skilled technicians cut and prepare each aluminum component to exact dimensions. All hardware preps, seals, and finish selections are completed with precision to ensure consistency and quality.

5

SHIPPING CONFIRMATION

After fabrication, your project is carefully packaged, boxed, and tagged per opening. We coordinate directly with your team to ensure on-time delivery and smooth installation on-site.

OUR PROMISE

From concept to completion, Avalon delivers accuracy, efficiency, and craftsmanship at every step. We're not just fabricators — we're partners in building your vision.

SECTION 081216 ALUMINUM DOOR FRAMES

PART 1 GENERAL 1.01 SUMMARY

1.01 SECTION INCLUDES

Extruded field assembled aluminum frames for interior doors, wood panels, & glazing. Coordinate with Sections 08211 & 08800.

1.02 REFERENCES

American Society for Testing and Materials (ASTM): ASTM B221 Specification for Aluminum-Alloy Extruded Bars, Wire, Shapes and Tubes

Architectural Aluminum Manufacturers Association (AAMA): AAMA 603: Voluntary performance requirements & test procedures for pigmented organic coatings on extruded aluminum.

1.03 SUBMITTALS

Procedures: In accordance with General Conditions.

Shop Drawings: Indicate frame thickness & configuration, location of cutouts for hardware, reinforcement & finish. Show profiles, types, dimensions, anchorage construction, relationships to adjacent structure & interface with adjacent materials. Cross reference to schedules.

Sample for verification of painted finishes: Submit two samples on 3"x5" standard Q-panel.

Product data including illustrated isometric installation instructions.

1.04 SEQUENCING & SCHEDULING

Do not begin fabrication of frames until hardware templates have been received from hardware supplier.

1.05 QUALITY ASSURANCE

Installer Qualifications: Capable of installing & authorized by manufacturer to install all products specified in this section.

1.06 DELIVERY, STORAGE & HANDLING

Deliver, store & handle frames in a manner to prevent damage or deterioration.

Provide packaging such as cardboard or other containers, separators, banding, spreaders, & paper wrappings to protect items.

Follow special storage & handling requirements of manufacturer.

PART 2 PRODUCTS

2.01 ACCEPTABLE MANUFACTURER

Avalon Eagle or Phoenix series, as manufactured by Avalon International Aluminum, Inc. (Tualatin, OR (503)885-9494), is specified as design standard.

Glazing frames: Snap-in type stops with manufacturer's standard neoprene gaskets. Glass adjacent to metal without intervening gasket not permitted. Intermediate mullions shall remain 1-1/2" or 2" profile.

Substitutions: Acceptable substitution subject to provisions of Sections 2.01 (A) & (D) must be approved 10 days prior to bid date.

Other substitutions: None permitted.

Finish: Thermal-setting powder coating.

1. Type: Hybrid epoxy-polyester blend. Minimum film thickness of 1.8 mils required.

2. Application: Finish must be factory applied to ensure controlled film thickness & smooth surface.

3. Color: Standard or custom color as selected by architect.

4. Class II Clear Anodized Finish

2.02 FRAMES

Aluminum alloy, extruded & fabricated to shapes as required for each application, for knock down field assembly.

Thickness of main frame members: 0.062 inch nominal. Increase to 0.130 inch at frame & hinge anchorage.

Fasteners & hardware: Aluminum stainless steel, or other non-corrosive materials compatible with aluminum & acceptable to frame manufacturer, countersunk style. Exposed fasteners not permitted.

Flush 1-1/2" or 2" casing, extended lip strike not permitted.

Throats of frames to be nominal wall thickness plus 1/8".

PART 3 EXECUTION

3.01 INSTALLATION

Install frames in accordance with manufacturer's instructions. Rough opening to be framed out using steel studs, not steel track.

Coordinate with wall construction for anchor placement.

Field cut jamb legs if required to fit actual finished opening dimensions.

Install plumb & true in line, with all necessary clips, anchors & fastenings. Direct attachment of frame to metal stud required.

Coordinate installation of glass & glazing to comply with Section 09900 "Glazing" for glazed openings.

Install reinforcement channels between two abutting frames. Anchor to structure & floor.

Accurately join, fit, & reinforce corners to flush hairline joints.

3.02 TOLERANCES

Install frames to permit hanging doors to AWI requirements as specified in Section 08211.

3.03 ADJUSTING AND CLEANING

Adjust hardware for smooth & balanced door movement.

Clean completed system promptly after erection taking care to avoid damage to finishes.

