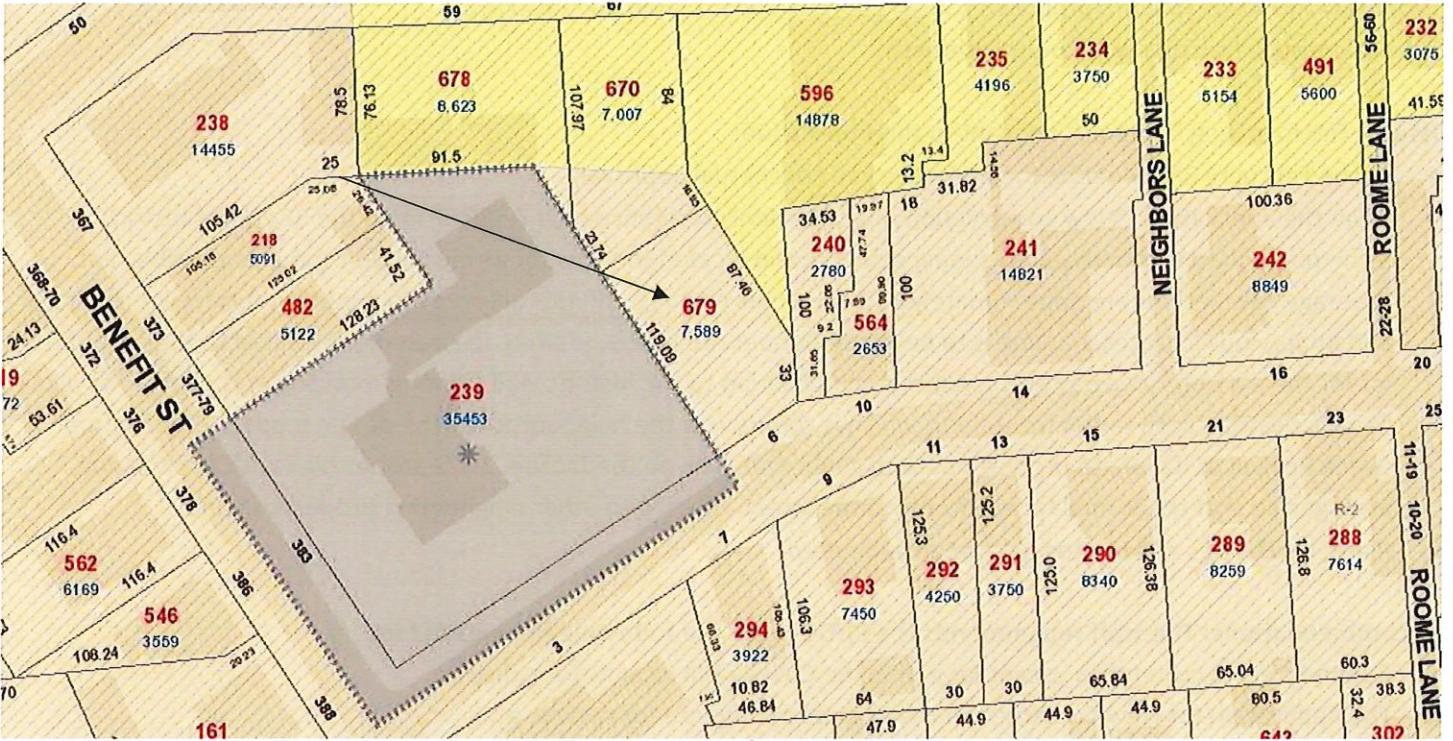
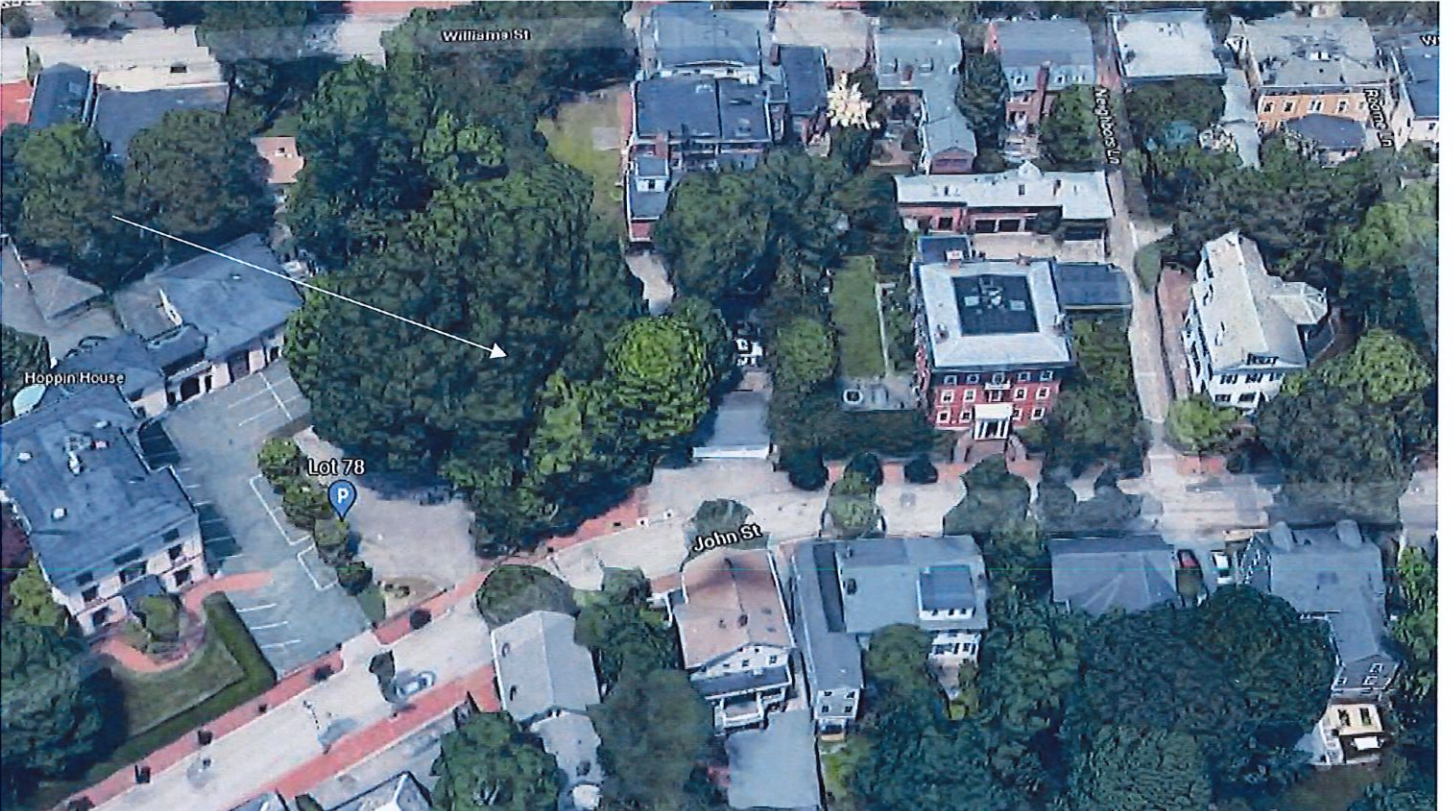


PROJECT REVIEW

- 1. CASE 22.018, 6 JOHN STREET, Vacant lot (COLLEGE HILL)**
Currently a Vacant lot within the CH NHLD



Arrow indicates 6 John Street.



Arrow indicates project location, looking north.

Applicants/Owners: James & Cynthia Duffy, 15 Williston Road, Newton, MA 02466

Architect: JP Couture, AIA, 12 Arnold Street, Providence, RI 02906

Proposal: The scope of work proposed consists of New Construction and includes:

- the construction of a two-family residence.

Issues: The following issues are relevant to this application:

- At the February 28th meeting the item received conceptual approval;
- From the application: "New construction of a two-family residence on a 7,589 SF lot in the R2 zoning district. Structure is sited within required zoning setbacks and located to allow for as much open space as possible. Lot coverage calculations are approximately 39% for a max coverage of 45% allowed. To minimize surface lot coverage and impervious surfaces, parking is to be located under the house, utilizing the easement located to the east of the lot for the parking/driveway entry. A minor modification to the historic wall fronting John Street is planned to allow for a pedestrian path to the front door, which is common in the neighborhood. The design models 19th century Greek Revival or Italianate proportions with gable roof lines on the facade, 2-1/2 stories high with the massing arranged so that the formal facade fronts to the street, relating to other neighboring properties.; and,
- Plans, renderings and photos have been submitted.

Recommendations: The staff recommends the PHDC make the following findings of fact:

- a) 6 John Street is currently a vacant lot within the College Hill local historic district;
- b) The application for New Construction is considered complete for review; and,
- c) The work as proposed is in accord with PHDC Standard 8 as follows: as the proposed alterations are appropriate having determined that the proposed construction is architecturally and historically compatible with the property and district having an appropriate size, scale and form that will not have an adverse effect on the property or district.

Staff recommends a motion be made stating that: The application is considered complete. 6 John Street is currently a vacant lot within the College Hill local historic district. The Commission grants Approval of the proposal as submitted having determined that the proposed new construction is appropriate as it is architecturally and historically compatible with the property and district having an appropriate size, scale and form that will not have an adverse effect on the property or district, citing and agreeing to the recommendations in the staff report, with a sub-committee to review construction details as they become available.

JP COUTURE, ARCHITECT, INC.

SPECIFICATION PACKAGE

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A

1. Kolbe Ultra Series Sterling Series General Literature



Ultra Series



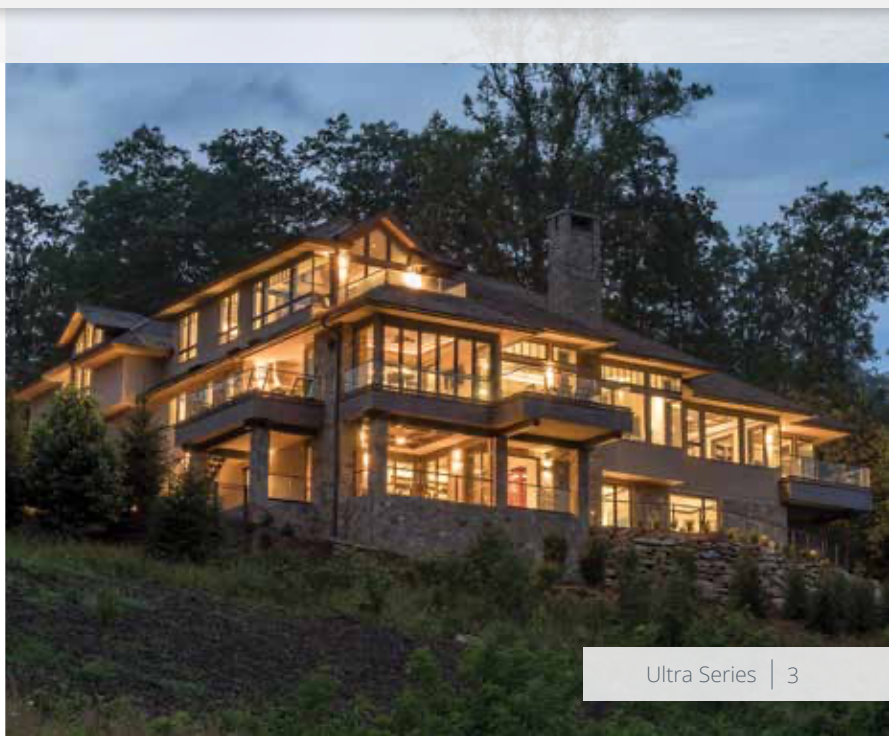


The Ultra Series

Kolbe's Ultra Series windows and doors can mimic the traditional style of wood windows and doors with a warm wood interior and intricate exterior trim details, or they can accommodate modern design needs. Choose from an extensive palette of exterior colors, interior wood species and finishes, divided lite profiles, and more.

The Ultra Series provides:

- Versatile styling, from traditional to modern architectural details
- Divided lite profiles & patterns; aesthetic & efficient glass choices
- Wood interior in familiar to exotic wood species
- Strong and durable extruded aluminum exterior
- A palette of 50+ exterior & 20 interior pre-finish choices



Residential Construction

Years of innovation at Kolbe have led to products with great design flexibility for residential construction. Whether it's renovation or new construction, we offer products that add your signature style into your home. Your design reflects not only an architectural style, but also your individualism – from colonial to contemporary, Kolbe has the products to help you express yourself.



Commercial Capabilities

Each of our windows and doors are built-to-order. Uniquely crafted to each project's specifications, Kolbe provides endless options and design solutions in configurations suitable for commercial projects. Our technical specialists can help provide support on various aspects of your commercial project.



Historical Renovation

Our reputation for producing custom-crafted windows and doors with attention to intricate details lends itself perfectly to historical renovation projects. Our products are designed to marry traditional design aesthetics with advanced technology and sustainability, and we offer many options to restore beauty to your project while maintaining historic character. In addition to providing aesthetics and efficiency, Kolbe can work with you to meet building codes and historical district requirements.



Energy Efficiency

Kolbe windows and doors are available with a wide variety of glass options to meet your energy needs in any climate. In fact, many Kolbe products meet or exceed ENERGY STAR® guidelines in most climate zones while reducing energy costs for home and business owners.



Sustainable Design

Due to our commitment to maintaining ecological sustainability, Kolbe sources most of the components used in our window and door products from within 500 miles of our factory. The wood species we use are renewable resources sourced from managed forests, while our standard glass contains 25-30% recycled content. In addition, we can provide The Forest Stewardship Council® (FSC®)-certified wood species for many of our window and door products (FSC® license code FSC-C019541).



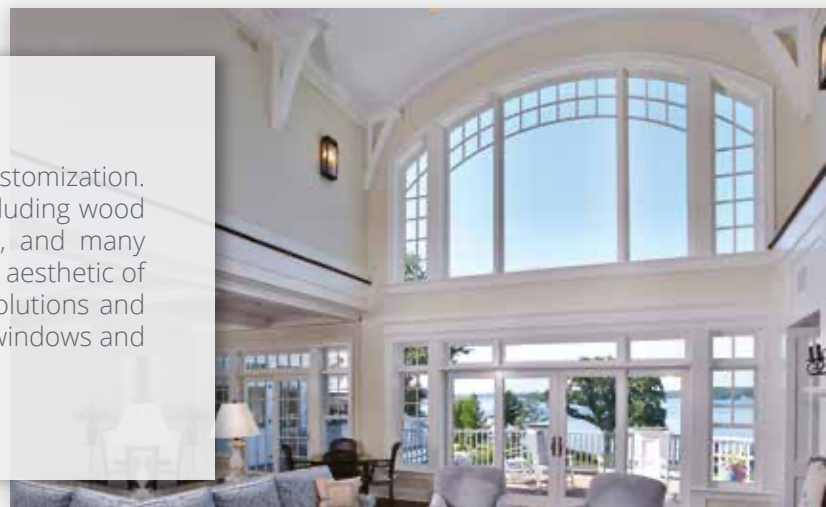
Impact Certification

Impact modifications are available on a number of Kolbe windows and doors. Our products are specially designed with the strength and durability to withstand hurricane force winds and flying debris, and are independently tested to meet or exceed strict building codes in coastal regions. There are no unsightly rods or extra locks to fasten, so Kolbe's impact-certified products offer the same beautiful appearance as non-impact products.



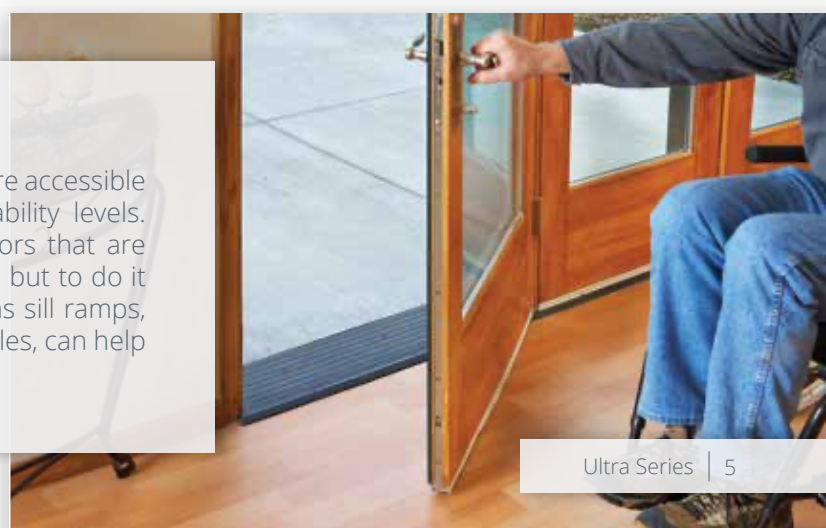
Design Options

For over 70 years, Kolbe products have been all about customization. We offer many options for our windows and doors, including wood species, custom divided lite patterns, unique shapes, and many interior and exterior finishes to complement the design aesthetic of any project. We're known worldwide for our custom solutions and have worked closely with architects to build distinctive windows and doors that help bring your most innovative ideas to life.



Universal Design

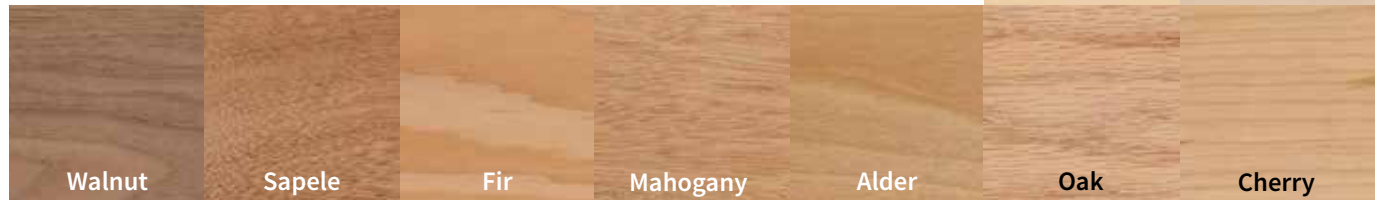
Universal design is the concept of creating spaces that are accessible and comfortable for individuals of diverse physical ability levels. Kolbe offers options for a variety of windows and doors that are not only designed to make independent living possible, but to do it with quality, style and flexibility. Kolbe's options, such as sill ramps, motorized operators, larger cranks and lever door handles, can help make independent living easier.



Finish Options

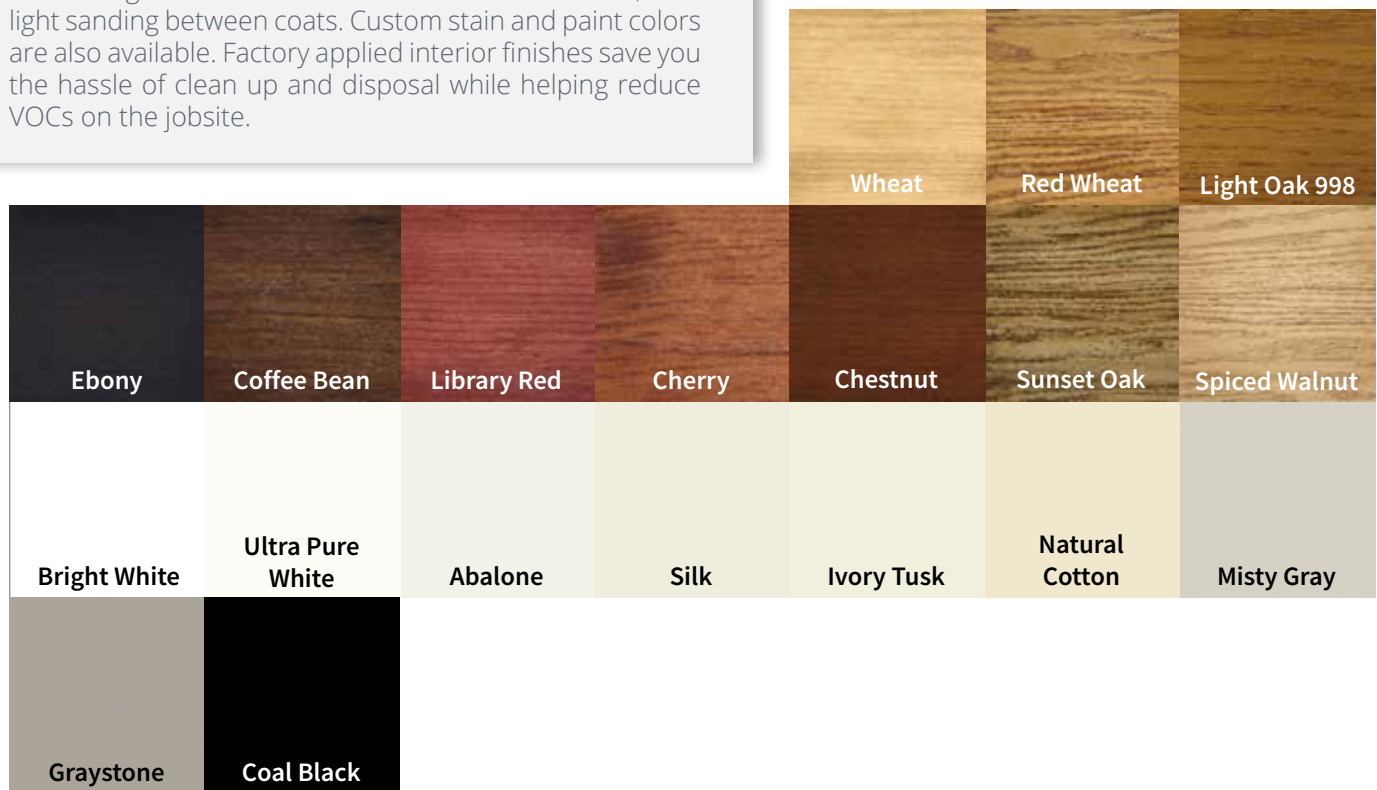
Interior Wood Species

In addition to the standard pine, Ultra Series windows and doors can be constructed of other optional wood species that enhance their look. Pine and other wood species are sourced from managed forests. The Forest Stewardship Council® (FSC®)-certified wood species are also available for green building projects (FSC® license code FSC-C019541). Ask about the availability of additional wood species.



Interior Finish Options

For units that are ready to install upon delivery, Ultra Series windows and doors can be prefinished on the interior with one of the water-based stains or paints shown. Stained units are given two coats of satin finish clear sealer, with light sanding between coats. Custom stain and paint colors are also available. Factory applied interior finishes save you the hassle of clean up and disposal while helping reduce VOCs on the jobsite.



Printed images of wood species and stain options will vary from actual product colors. Selections should be made based on color samples available from your Kolbe dealer. Stain colors are shown on pine. A double coat clear finish is also offered. Since no two trees are identical, wood can be expected to differ both in color and graining. These factors will influence the stain's final color.

Color-matched interior paint is available through any Sherwin-Williams retail store in the United States and Canada.

Exterior Color Options

Ultra Series products are finished with a 70% PVDF fluoropolymer coating, which is the best choice for durability and resistance to chemicals, abrasion, corrosion, and weathering. It carries up to a 30-year warranty, which proves Kolbe's commitment to providing the very best. In addition to the standard colors, custom colors can be specified, as can 4 anodized aluminum finishes and 4 mica fluoropolymer finishes.



Some options for our products may have limited color offerings or may incur a nominal charge. Check with your Kolbe dealer for further details on pricing and availability. Printed images of exterior finishes may vary slightly from actual colors. Selections should be made based on actual color samples available from your Kolbe dealer. There is a "color range" with anodized colors. That is, there is an acceptable "light" to "dark" color range that can be experienced on any job. According to AAMA 611-98 specifications, Section 8.3, the range may be up to 5 Delta E's. We can provide from our anodized vendor color samples of this color range if requested. The color range is due to numerous variables which include (but are not limited to) the shape of the parts, alloy variations and time in the anodizing process. This could mean that a sash part may appear slightly different in color than a frame part. This is/will be acceptable. Even the samples that may be provided may vary from the final product due to the variables. You must be aware of this as this will be considered acceptable.

Glass Options

Glass

Kolbe offers glazing options to provide optimum energy efficiency for the geographic region in which you live. Low-E is a “smart” coating that reduces energy transfer through the insulating glass unit. The result is reduced heating and cooling costs throughout the year. Low-E coatings also reduce the potential for condensation, as well as provide protection against fading of furniture, fabrics and carpeting.

Kolbe offers the following Low-E glass options, as well as many specialized options.

Solar Low-E

Suitable for most climates and meets most energy zone requirements. Solar Low-E glass is designed to reflect room-side heat back into the room during winter months. In summer, visible sunlight is allowed in while blocking most of the sun’s infrared heat energy. Kolbe’s standard.

Solar Gain Low-E

When the weather turns frigid, Solar Gain Low-E glass is the perfect cold remedy. It keeps homes warmer and more comfortable by blocking heat loss to the outside and letting the sun’s heat stream in to increase solar heat gain.

Solar Advanced Control Low-E

A tinted glass recommended for warm climates that achieves solar control over a wide range of the spectrum, while also helping to reduce glare.

Solar Control Low-E

Offers an ideal balance of solar control and high visibility by blocking 95% of UV rays while maintaining the interior temperature.

ThermaPlus™ Low-E

An additional Low-E coating which helps to meet the strictest energy requirements by providing protection against heat loss and UV damage. Available with dual pane versions of Solar Low-E, Solar Control Low-E or Solar Advanced Control Low-E glass.

Triple Pane

Provides a greater energy performing window that keeps indoor air warm and comfortable, prevents heat loss and lowers your heating bills. It is constructed with three panes of glass, thermal spacer bars and is available in Solar Low-E, Solar Gain Low-E, Solar Control Low-E and Solar Advanced Control Low-E glass.

Preserve® Film

A protective film that protects the glass surfaces from scratches during transit and construction, as well as reducing the time involved in job site clean-up.

Tinted, Colored or Patterned

Provides shading, privacy or visual interest.

Tempered

Standard in Kolbe doors to address safety concerns. Also available in window units to meet specific building codes.

Laminated

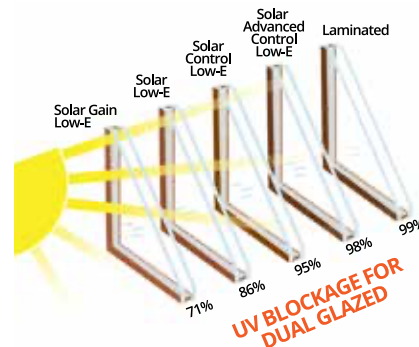
Benefits include safety, security, sound control and provides the ultimate in UV blockage.

Impact

Glazing utilized to withstand harsh environmental conditions, especially in coastal regions. Combined with an impact rated product, this glazing offers the highest level of security.

Neat®

Harnesses the sun’s UV rays to loosen dirt so water can rinse it away, leaving windows virtually spotless. A special sputter-coating process makes the glass ultra smooth, so the water “sheets off” more readily than it would on uncoated glass, allowing you to spend less time cleaning.



NOTE: Tested units include argon. The laminate has 1/4" inner pane. Based on Lawrence Berkeley Lab (LBL) Window 5.2 © 2003 analysis for classical UV transmission data.



Not all glass is available on all products. Please contact your Kolbe dealer for product specifics. Neat and Preserve are trademarks of Cardinal IG.

Low-E insulating glass with a stainless steel spacer bar carries a 20-year warranty. Not all glass options listed have the same glass warranty. Please contact your dealer for details.

Divided Lite Options

Expand the character of your home or project by adding one of our divided lite options to your windows and doors. Choose anything from a traditional, colonial-style pattern to a unique, custom design to accentuate the overall appearance of your project. Kolbe offers two types of divided lites for Ultra Series products: performance divided lites and grilles-in-the-airspace. As standard, wood bars have a beveled profile, however, an ovolo profile or a square profile is also available. Divided lite cross section drawings can be found on pg. 213.

Performance Divided Lites

Kolbe's performance divided lite (PDL) glazing system gives the appearance of true divided lites without sacrificing energy efficiency. Extruded aluminum bars are adhered to the exterior and pine bars are adhered to the interior of the single lite of insulating glass. Aesthetically pleasing spacer bars are installed within the insulating glass unit. Together, these bars create the illusion of true divided lites. PDL bars are available in 5/8", 7/8", 1-1/8", 1-3/8", 1-3/4", 2-1/4" or 4-1/2" bar widths. The exterior finish of the aluminum bars will match the exterior finish on the unit. Variations on the PDL option may include custom grille patterns, custom bar widths or no spacer bars. Some designs may have a composite material for the exterior PDL bar.



Beveled



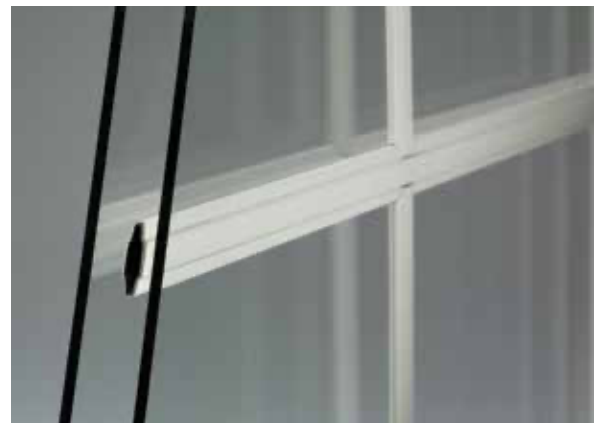
Ovolo



Square

Grilles-in-the-Airspace

Grilles-in-the-airspace are constructed with aluminum bars sealed between two panes of insulating glass, offering the look of divided panes while reducing cleaning time. For units with 7/8" insulating glass, contoured, 3/4" wide bars are standard in White, Beige, Sand, Rustic, Hartford Green and Chutney. Optional colors are light wood and dark wood faux finishes. Two-tone contour or flat grilles are available with either light or dark wood faux finishes to the interior and White to the exterior. Also available for 7/8" insulating glass are 5/16" wide Brass and Pewter pencil bars.



Glazing Beads & Muntin Bars

As standard, glazing beads have a beveled profile, but may also be ordered with an ovolo or square profile. Matching muntin bars are available on units with performance divided lites (PDL). Units will have beveled muntin bars on the exterior, regardless of which profile is chosen for the interior (See divided lite cross section drawings on pg. 213).



Beveled



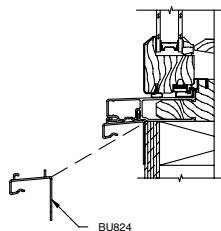
Ovolo



Square

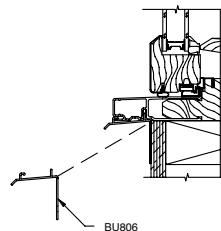
Application Details

Traditional Sill Nosing *(standard)*



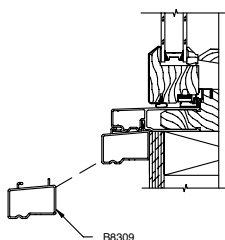
Profile BU824 may be applied to units with 1-15/16" brickmould, 3-1/2" brickmould or 3-1/2" flat casing. Colored to match the unit.

Sill Drip



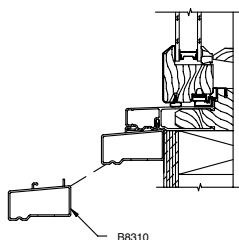
Optional Profile BU806 may be applied to units with 1-15/16" brickmould, 3-1/2" brickmould or 3-1/2" flat casing. Colored to match the unit.

1-5/8" Sill Nosing



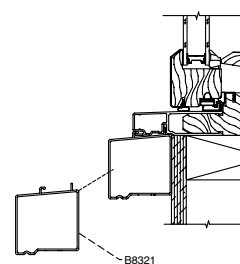
Optional Profile B8309 may be applied to units with 1-15/16" brickmould, 3-1/2" brickmould and 3-1/2" flat casing. Colored to match the unit.

2-1/8" Sill Nosing



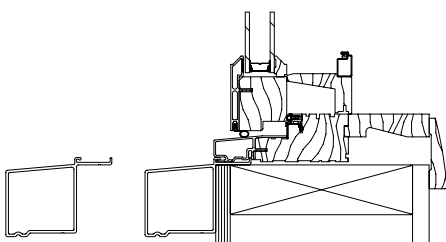
Profile B8310 is a standard application to units with backband, ogee casing and bullnose brickmould. Colored to match the unit.

2-1/8" Historic Nosing



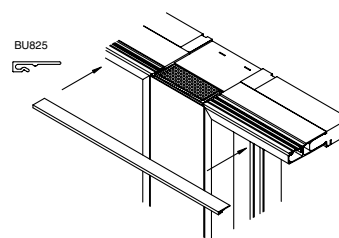
Profile B8321 is a standard application to units with historic brickmould. Colored to match the unit.

Stucco Sill Nosing



Profile B8330 is factory applied as standard and used for Stucco finish applications. Colored to match the unit.

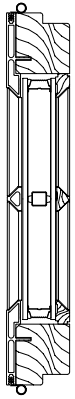
Head & Sill Trim



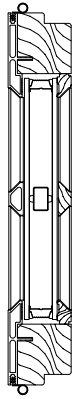
Profile BU825 may be used on spread mulls and stacked units without brickmould. Colored to match the unit.

Divided Lite | Cross Section Drawings

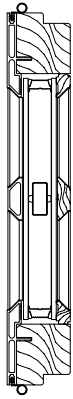
Beveled Performance Divided Lites



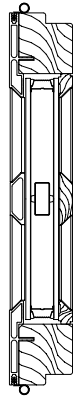
5/8"



7/8"



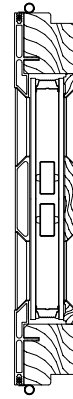
1-1/8"



1-3/8"



1-3/4"

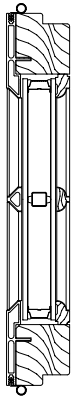


2-1/4"

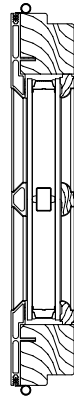


4-1/2"

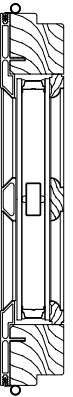
Ovolo Performance Divided Lites



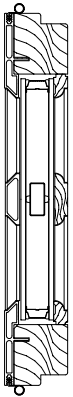
5/8"



7/8"



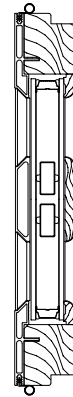
1-1/8"



1-3/8"



1-3/4"

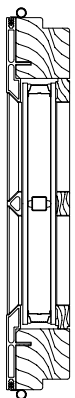


2-1/4"

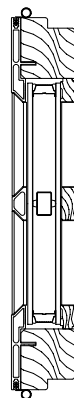


4-1/2"

Square Performance Divided Lites



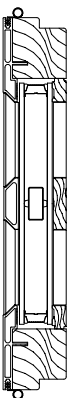
5/8"



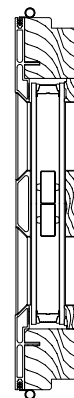
7/8"



1-1/8"



1-3/8"



1-3/4"



2-1/4"



4-1/2"

NOTE: Drawings are not to scale. Additional and the most current drawings are available at www.kolbewindows.com.



Technical Data

In addition to superior craftsmanship, Kolbe windows and doors offer superior performance. Our products undergo independent testing to ensure the highest quality available. Our participation in programs such as the ENERGY STAR® and WDMA Hallmark Certification programs ensures that our products are tested to industry standards, allowing them to meet and exceed today's stricter building codes and standards for energy efficiency.

Clear Opening Dimensions | Energy Performance



Energy Performance Data

ENERGY STAR® – United States

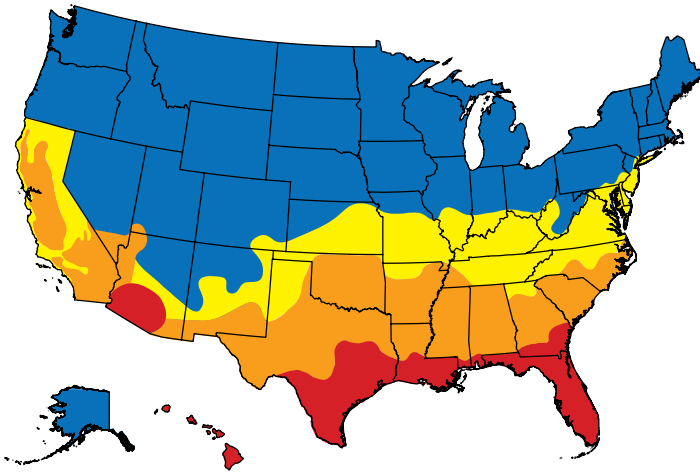


Energy Star is a government-regulated program that was created by the Environmental Protection Agency (EPA), and the U.S. Department of Energy (DOE), to help consumers quickly and easily identify energy saving products.

The Energy Star program uses energy values obtained by window and door manufacturers through the National Fenestration Rating Council (NFRC) program. NFRC ratings are based on the energy performance of the total window or door – both glass and frame.

The Energy Star program for the United States divides the nation into four separate climate zones – Northern, North-Central, South-Central, and Southern.

The performance criteria that needs to be met in order to be Energy Star compliant in a specific climate zone (effective January 1, 2015) is shown in the charts provided.



- Northern
Mostly Heating
- North-Central
Heating & Cooling
- South-Central
Heating & Cooling
- Southern
Mostly Cooling

2015 ENERGY STAR Qualification Criteria for Windows

Climate Zones - U.S.		U-Factor	SHGC
	North-Central	≤ 0.30	≤ 0.40
	South-Central	≤ 0.30	≤ 0.25
	Southern	≤ 0.40	≤ 0.25

**Northern zone windows can meet prescriptive (1st row) or alternative energy performance (2nd & 3rd row) criteria to qualify for ENERGY STAR.

2016 ENERGY STAR Qualification Criteria for Windows

The effective date for the Northern Zone prescriptive and equivalent energy performance criteria for windows is January 1, 2016. North-Central, South-Central, and Southern criteria will continue to follow 2015 guidelines.

Climate Zones - U.S.		U-Factor	SHGC
	Northern**	≤ 0.27	Any
	Northern**	= 0.28	≥ 0.32
	Northern**	= 0.29	≥ 0.37
	Northern**	= 0.30	≥ 0.42

**Northern zone windows can meet prescriptive (1st row) or alternative energy performance (2nd, 3rd, and 4th rows) criteria to qualify for ENERGY STAR.

2015 ENERGY STAR Qualification Criteria for Doors

Glazing	U-Factor	SHGC	
Opaque	≤ 0.17	No rating	
≤ 1/2-Lite	≤ 0.25	≤ 0.25	
> 1/2-Lite	≤ 0.30	Northern North-Central	≤ 0.40
		Southern South-Central	≤ 0.25

California's Title 24

Kolbe's Ultra Series windows and doors can meet the strict California Title 24 Building Energy Efficiency Standards. Talk to your dealer about Ultra Series products with glass options that help meet these stringent energy efficiency requirements, yet have a variety of options for customization.

For energy performance data, visit:

▶ www.kolbewindows.com/energy

Kolbe demonstrates a commitment to providing accurate energy data by having products independently simulated, tested, inspected and listed in the NFRC certification program, and making that data available at kolbewindows.com and on window labels.

Energy performance data and air, water, structural data is updated on a continuous basis. For the most current information, contact your local Kolbe dealer.

A

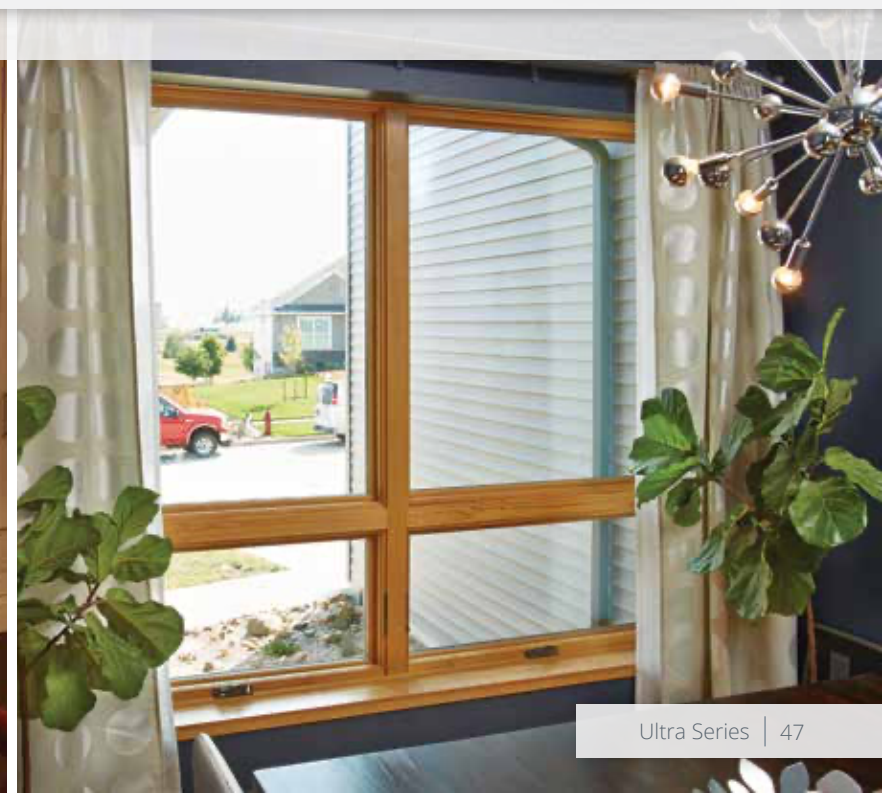
2. Kolbe Ultra Series Sterling Windows



Awnings

Ultra Series awning windows open outward from the bottom, so they are fully functional even when there is a gentle rain outside. Awnings offer unique style to any room and are the perfect complement to other Kolbe windows and doors. Nesting handles and dual-arm operators make these windows easy to operate.

*Crank-Out Awnings | Crank-Out XL Awnings | Push-Out & Push-Out EP Awnings
Picture Units | Picture Combination Units | Muller Configurations*



Crank-Out Awnings

Crank-out awnings open outward from the bottom with a crank handle that folds down when not in use. Choose motorized operators for an effortless way to open and close your window, especially when it's in a hard-to-reach place.



Crank-Out Awning Standard Features

- ▶ 1-3/4" thick sash
- ▶ Overall jamb width is 4-9/16" (*basic box width is 2-3/4"*)
- ▶ Constructed of pine, with pine interior stops and wood mull casings on mull units
- ▶ Exterior wood parts are treated
- ▶ Extruded aluminum exterior finished with a 70% PVDF fluoropolymer coating (*meets performance requirements of AAMA 2605*)
- ▶ Accessory grooves are integral to the extruded frames for the easy addition of accessories
- ▶ Energy efficient, insulating Solar Low-E glass
- ▶ Glazed to the interior with beveled wood glazing beads
- ▶ Interior insect screen with Clay-colored aluminum frame and BetterVue® fiberglass mesh
- ▶ Clay-colored nesting handle and locking lever† with multi-point locking system
- ▶ Corrosion resistant, dual-arm operators with concealed, adjustable hinges
- ▶ Heavy vinyl nailing fins with head drip caps*

NOTE: All measurements are nominal.

†Locking levers are not available on units with a box size smaller than 1' 4".

* Standard only on units without brickmould.

Hardware

- ▶ Nesting handle and locking lever† provide a sleek look and are unobtrusive. Available in Clay, White, Beige, Bright Brass, Antique Brass, Satin Nickel, Antique Nickel, Rustic Umber, Oil-Rubbed** or Matte Black.
- ▶ Metal Ashlar handle with multi-point locking lever. Available in White, Rustic Umber, Satin Nickel or Matte Black.
- ▶ Nesting handle with custodial lock prohibits unauthorized operation. Available in White, Beige, Rustic Umber or Matte Black.
- ▶ Universal design casement handle and lock are larger and offer ease-of-use for people with physical limitations. Available in White or Clay.

†Locking lever is not available on units with a box size smaller than 1' 4".

**The Oil-Rubbed finish is a living finish, which means that it will change appearance over time with use.

Nesting Handle
(shown in Antique Brass)



Ashlar Handle
(shown in Satin Nickel)



Locking Lever†
(shown in Antique Nickel)



Nesting Handle with Custodial Lock (shown in Matte Black)





Crank-Out Awning Options

Glass (pg. 200)

- ▶ Solar Gain Low-E
- ▶ Solar Advanced Control Low-E
- ▶ Solar Control Low-E
- ▶ ThermaPlus™ Low-E
- ▶ Neat®
- ▶ Patterned-, bronze-, or gray-lite
- ▶ Tempered or laminated
- ▶ Other options standard to the industry

Divided Lites (pg. 201)

- ▶ Performance divided lites with 5/8", 7/8", 1-1/8", 1-3/8", 1-3/4", 2-1/4" or 4-1/2" bars
- ▶ Grilles-in-the-air-space

Insect Screens

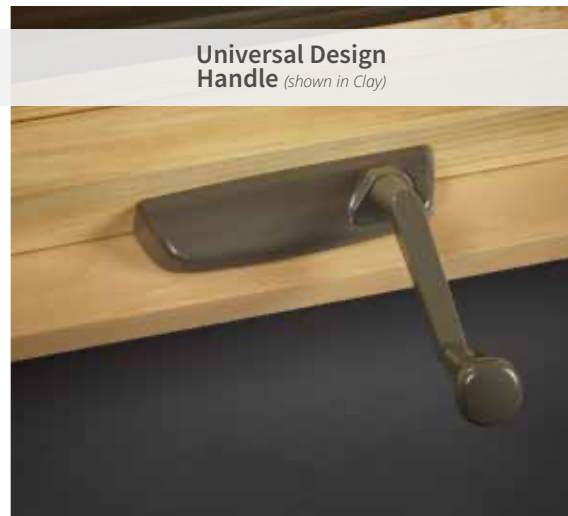
- ▶ Insect screen with aluminum or UltraVue® fiberglass mesh; frame available in White, Beige, Dark Bronze anodized, Clear anodized, or Coal Black
- ▶ Retractable insect screen kit with beveled or square cover (pg. 204)
- ▶ Wood wrapped insect screen frame
- ▶ Brass insect screen with Brass frame

NOTE: All measurements are nominal.

Other Options (custom options are also available)

- ▶ Other wood species and FSC®-certified wood (pg. 198)
- ▶ Interior prefinishing (pg. 198)
- ▶ Interior casing
- ▶ Ovolo or square profile glazing beads and interior divided lite bars (pg. 201)
- ▶ Prep for stool
- ▶ Extruded aluminum accessories applied to accessory grooves on the exterior frame (pgs. 206-212)
- ▶ Ashlar handle in Satin Nickel, White, Rustic Umber or Matte Black
- ▶ Motorized operator
- ▶ Stainless steel exterior operator parts
- ▶ Extension jambs (up to 12" applied, over 12" shipped loose for field application)
- ▶ Galvanized steel installation clips
- ▶ High performance or impact performance modifications (pg. 205)

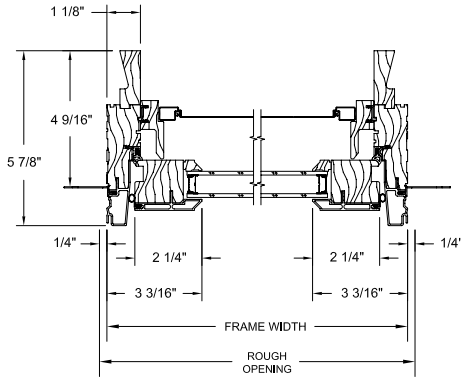
Universal Design Handle (shown in Clay)



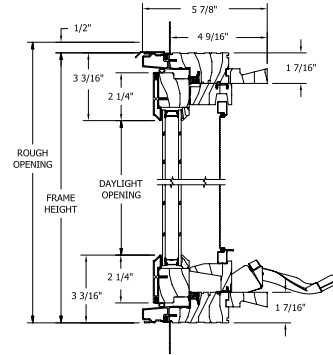
Awnings | Cross Section Drawings

Crank-Out Awnings

Horizontal Section

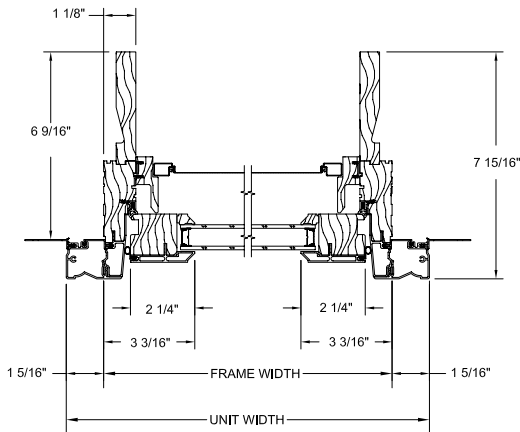


Vertical Section

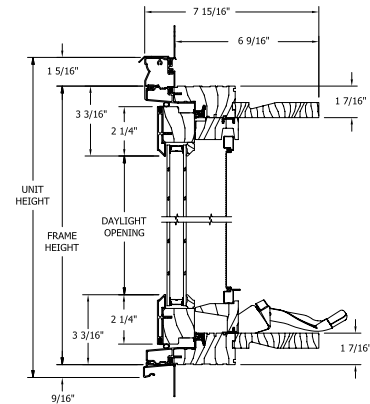


Crank-Out Awnings with 1-15/16" Brickmould & 6-9/16" Jamb

Horizontal Section

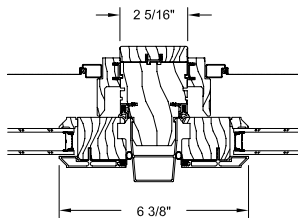


Vertical Section

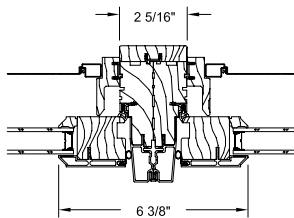


Crank-Out Awnings

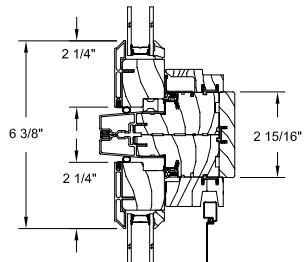
Standard Mullion



Narrow Mullion



Transom Stacked Over Awning



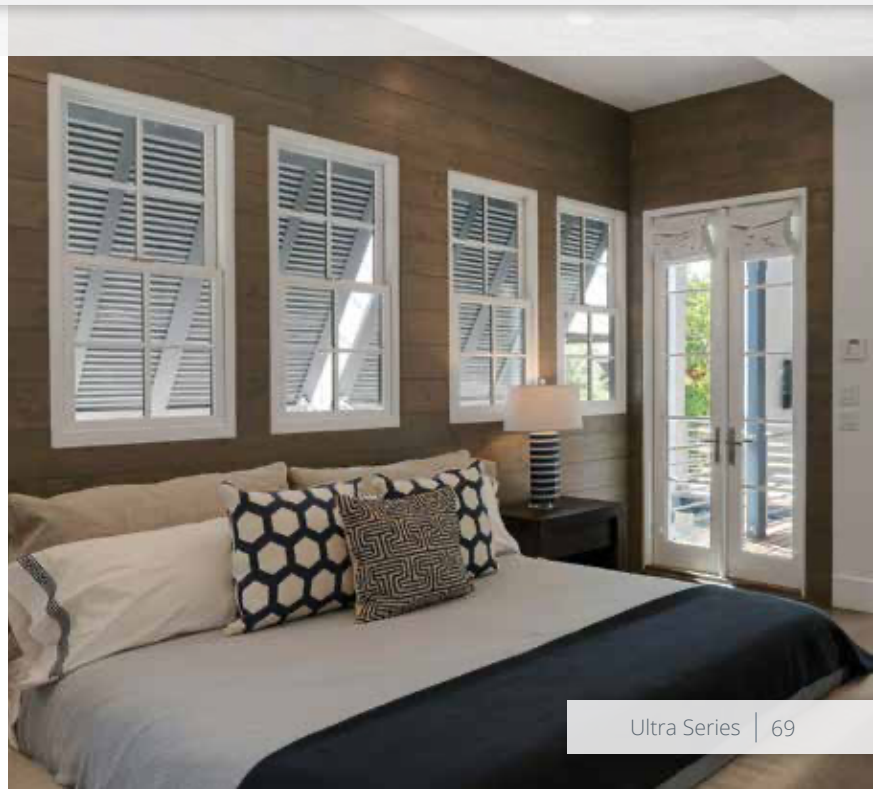
NOTE: Drawings are not to scale. Brickmould is shown factory-applied. Brickmould may be shipped loose for field application. Some units are shown with optional drip cap or nailing fin. For Ultra accessory or application drawings, see pgs. 206-212. Additional and the most current drawings are available at www.kolbewindows.com.



Double Hungs

Quality details adorn the classic design of Ultra Series double hungs. Both Traditional and Sterling double hung sash can be removed from the inside of the home for easy cleaning. Choose options such as divided lites or triple pane glass to enhance style or performance. Or, replace older windows with an easy-to-install, energy-efficient pocket double hung.

*Sterling Double Hungs | XL Sterling Double Hungs | Majesta® Double Hungs | Traditional Double Hungs
Pocket Double Hungs | Cottage Style & Reverse Cottage Style Units | Studio & Transom Units | Picture Combination Units
Bay Units | Segment Head & Half-Circle Top Units | Single Units*



Sterling Double Hungs

Sterling double hungs are made to blend seamlessly with the grandest décor. A patented interior wood cover conceals the jambliner, giving the windows a rich, all-wood appearance.

Patents: 7,296,381 | 7,448,164 | 8,196,355 | 8,429,856



Sterling Double Hung Standard Features

- ▶ 1-3/4" thick sash
- ▶ Overall jamb width is 4-9/16" (*basic box width is 4-9/16"*)
- ▶ Frame thickness is 3/4" at side jambs and head
- ▶ Sill thickness is 1-3/16"; slope is 14°
- ▶ Constructed of pine, with pine interior stops and wood mull casings on mull units
- ▶ Exterior wood parts are treated
- ▶ Extruded aluminum exterior finished with a 70% PVDF fluoropolymer coating (*meets performance requirements of AAMA 2605*)
- ▶ Accessory grooves are integral to the extruded frames for the easy addition of accessories
- ▶ Energy efficient, insulating Solar Low-E glass
- ▶ Glazed to the interior with beveled wood glazing beads
- ▶ Wood interior head parting stop
- ▶ Clay-colored heavy duty Signature sash lock
- ▶ Spring-loaded block-and-tackle mechanical balances to carry the sash weight
- ▶ Concealed balance system
- ▶ Patented wood wrapped jambliner closure on the interior (*unless interior is prefinished white or primed, then jambliner will be white*) and extruded aluminum jambliner closure on the exterior hide balance system
- ▶ Heavy vinyl nailing fins with head drip caps*
- ▶ Pine-veneered head and seat boards; unique narrow mullions and cable support system on bay units

NOTE: All measurements are nominal.

* Standard only on units without brickmould.

Hardware

- ▶ Pick-resistant Signature or Spoon sash lock with a concealed locking system and tilt latches. Available in Clay, White, Beige, Brass, Antique Brass, Satin Nickel, Chrome†, Brushed Chrome†, Antique Nickel, Rustic Umber or Matte Black.
- ▶ Curved, square, or traditional style sash lift handles for ease of use. Available in Clay, White, Beige, Brass, Antique Brass, Satin Nickel, Chrome†, Brushed Chrome†, Antique Nickel, Rustic Umber or Matte Black.
- ▶ Custodial lock to prohibit unauthorized operation (*not pictured*).
- ▶ Universal design crank handle hardware kit offers ease-of-use for people with physical limitations. Available in White (*not pictured*).

† Chrome and Brushed Chrome finishes are only available on Signature sash locks and curved sash lift handles.

Signature Sash Lock

(shown in Antique Nickel)



Spoon Sash Lock

(shown in Antique Brass)



Curved Sash Lift Handle

(shown in Chrome)





Sterling Double Hung Options

Glass (pg. 200)

- ▶ Solar Gain Low-E
- ▶ Solar Advanced Control Low-E
- ▶ Solar Control Low-E
- ▶ ThermaPlus™ Low-E
- ▶ Neat®
- ▶ Triple pane
- ▶ Patterned-, bronze-, or gray-lite
- ▶ Tempered or laminated
- ▶ Other options standard to the industry

Divided Lites (pg. 201)

- ▶ Performance divided lites with 5/8", 7/8", 1-1/8", 1-3/8", 1-3/4", 2-1/4" or 4-1/2" bars
- ▶ Grilles-in-the-airspace

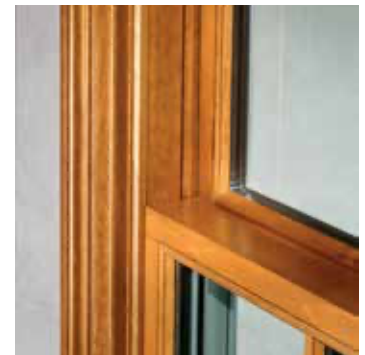
Insect Screens

- ▶ Full or half insect screen with aluminum frame and options for BetterVue® or UltraVue® fiberglass mesh or aluminum mesh; frame will match the exterior color of the unit
- ▶ Retractable insect screen kit with beveled or square cover (pg. 204)

NOTE: All measurements are nominal.

Other Options (custom options are also available)

- ▶ Other wood species and FSC®-certified wood (pg. 198)
- ▶ Interior prefinishing (pg. 198)
- ▶ Interior casing
- ▶ Ovolo or square profile glazing beads and interior divided lite bars (pg. 201)
- ▶ Prep for stool
- ▶ Class 5 balances available for commercial specifications or larger units
- ▶ Extruded aluminum accessories applied to accessory grooves on the exterior frame (pgs. 206-212)
- ▶ Extension jambs (up to 12" applied, over 12" shipped loose for field application)
- ▶ Segment head, cottage style segment head, half-circle top, and cottage style half-circle top units
- ▶ Factory-installed Window Opening Control Device (WOCD) (pg. 203)
- ▶ Sash limiters for safety
- ▶ Galvanized steel installation clips
- ▶ High performance or impact performance modifications (pg. 205)



A wood wrapped jamb liner closure on the interior (shown) and an extruded aluminum jamb liner closure on the exterior hide the PVC jamb liners.

Traditional Style Sash Lift Handle

(shown in Rustic Umber)



Square Style Sash Lift Handle

(shown in Satin Nickel)



Traditional Double Hungs

Kolbe's Traditional double hungs are an updated version of a classic style. The sloped sill creates a traditional appearance and helps guard against water damage. Traditional double hungs open and close smoothly, and the sash can be tilted in or removed for easy cleaning.



Traditional Double Hung Standard Features

- ▶ 1-3/8" thick sash
- ▶ Overall jamb width is 4-9/16" (*basic box width is 4-9/16"*)
- ▶ Frame thickness is 3/4" at side jambs and head
- ▶ Sill thickness is 1-3/16"; slope is 14°
- ▶ Constructed of pine, with pine interior stops and wood mull casings on mull units
- ▶ Exterior wood parts are treated
- ▶ Extruded aluminum on frame exterior and roll formed aluminum on sash exterior
- ▶ Exterior finished with a 70% PVDF fluoropolymer coating (*meets performance requirements of AAMA 2605*)
- ▶ Accessory grooves are integral to the extruded frames for the easy addition of accessories
- ▶ Energy efficient, insulating Solar Low-E glass
- ▶ Glazed to the interior with beveled wood glazing beads
- ▶ Rigid PVC head parting stop with flexible fins and waterseal at the sill
- ▶ Clay-colored sash lock
- ▶ Machined finger grooves on the top rail of the upper sash and bottom rail of the lower sash
- ▶ Spring-loaded block-and-tackle mechanical balances to carry the sash weight
- ▶ Beige PVC jamb liners with compression foam backing
- ▶ Heavy vinyl nailing fins with head drip caps*
- ▶ Pine-veneered head and seat boards; unique narrow mullions and cable support system on bay units

NOTE: All measurements are nominal.

* Standard only on units without brickmould.

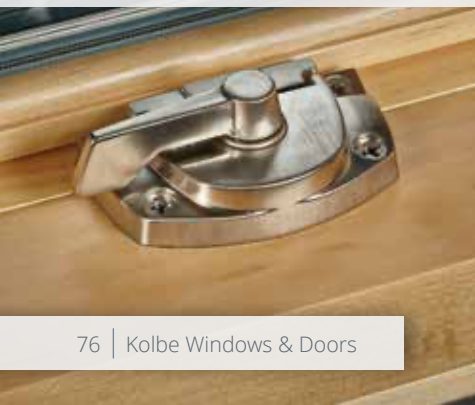
Hardware

- ▶ Sash lock in Clay, White, Beige, Brass, Antique Brass, Satin Nickel, Antique Nickel, Rustic Umber, Oil-Rubbed** or Matte Black.
- ▶ Curved, square, or traditional style sash lift handle for ease of use. Available in Clay, White, Beige, Brass, Antique Brass, Satin Nickel, Antique Nickel, Rustic Umber, Oil-Rubbed** or Matte Black.
- ▶ Universal design crank handle hardware kit offers ease-of-use for people with physical limitations. Available in White (*not pictured*).

**The Oil-Rubbed finish is a living finish, which means that it will change appearance over time with use. The Oil-Rubbed finish is not available on curved sash lift handles.

Sash Lock

(shown in Satin Nickel)



Curved Sash Lift Handle

(shown in Clay)



Traditional Style Sash Lift Handle

(shown in Antique Nickel)





Traditional Double Hung Options

Glass (pg. 200)

- ▶ Solar Gain Low-E
- ▶ Solar Advanced Control Low-E
- ▶ Solar Control Low-E
- ▶ ThermaPlus™ Low-E
- ▶ Neat®
- ▶ Triple pane
- ▶ Patterned-, bronze-, or gray-lite
- ▶ Tempered or laminated
- ▶ Other options standard to the industry

Divided Lites (pg. 201)

- ▶ Performance divided lites with 5/8", 7/8", 1-1/8", 1-3/8", 1-3/4", 2-1/4" or 4-1/2" bars
- ▶ Grilles-in-the-airspace

Insect Screens

- ▶ Full or half insect screen with aluminum frame and options for BetterVue® or UltraVue® fiberglass mesh or aluminum mesh; frame will match the exterior color of the unit

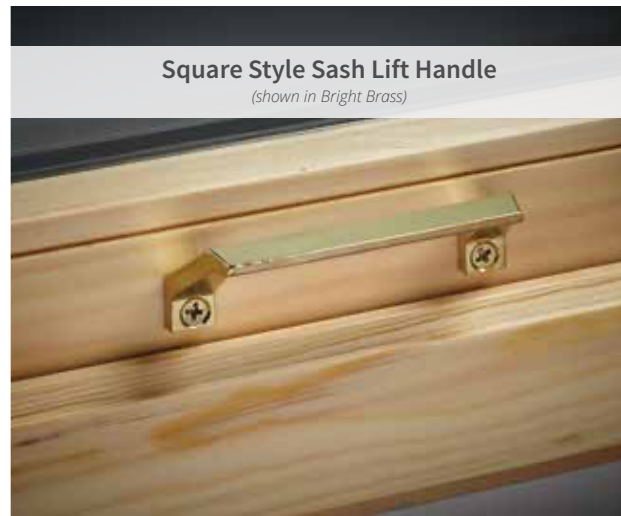
NOTE: All measurements are nominal.

Other Options (custom options are also available)

- ▶ Available as a replacement sash kit
- ▶ Other wood species and FSC®-certified wood (pg. 198)
- ▶ Interior prefinishing (pg. 198)
- ▶ Interior casing
- ▶ Ovolo and square profile glazing beads and interior divided lite bars (pg. 201)
- ▶ Prep for stool
- ▶ Extruded aluminum accessories applied to accessory grooves on the exterior frame (pgs. 206-212)
- ▶ No finger grooves in top, bottom or both sash
- ▶ White jamb liners
- ▶ Extension jambs (up to 12" applied, over 12" shipped loose for field application)
- ▶ Segment head, cottage style segment head, half-circle top, and cottage style half-circle top units
- ▶ Factory-installed Window Opening Control Device (WOCD) (pg. 203)
- ▶ Sash limiters for safety
- ▶ Galvanized steel installation clips
- ▶ Insulated platforms, support brackets and oak-veneered head and seat boards for bay units

Square Style Sash Lift Handle

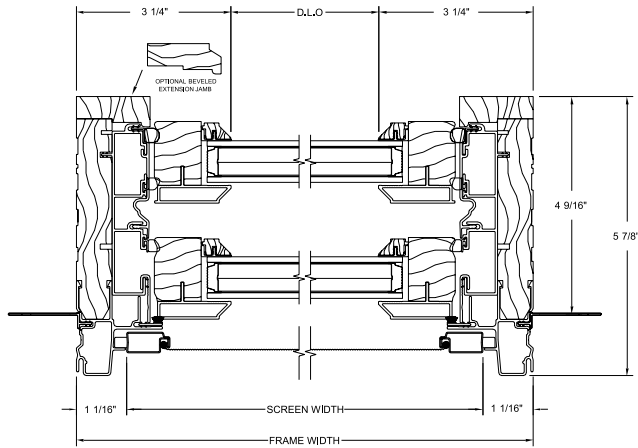
(shown in Bright Brass)



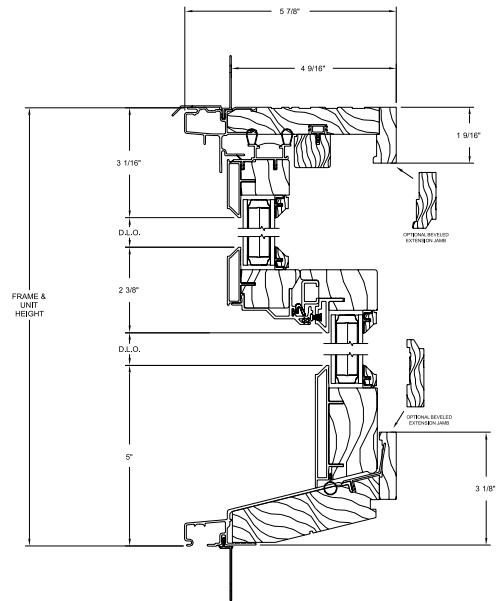
Double Hungs | Cross Section Drawings

Sterling Double Hungs

Horizontal Section

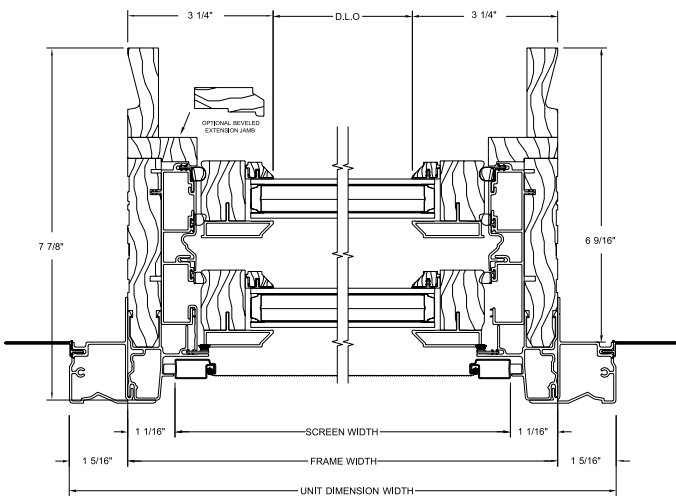


Vertical Section

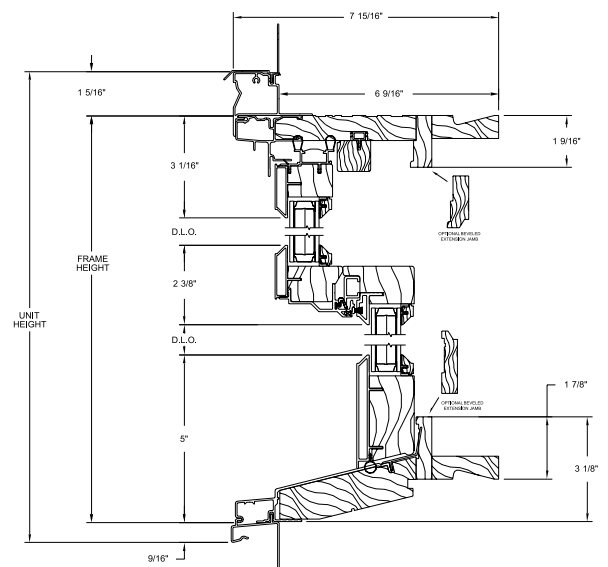


Sterling Double Hungs with 1-15/16" Brickmould & 6-9/16" Jamb

Horizontal Section



Vertical Section

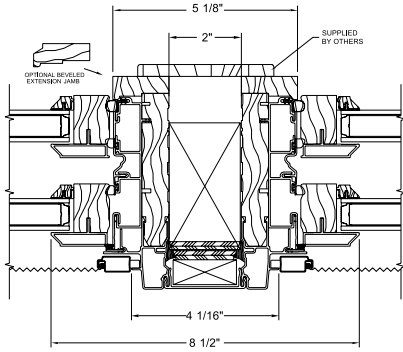


NOTE: Drawings are not to scale. Brickmould is shown factory-applied. Brickmould may be shipped loose for field application. Some units are shown with optional drip cap or nailing fin. For Ultra accessory or application drawings, see pgs. 206-212. Additional and the most current drawings are available at www.kolbewindows.com.

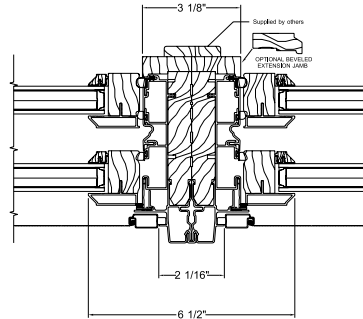
Double Hungs | Cross Section Drawings

Sterling Double Hungs | Operating

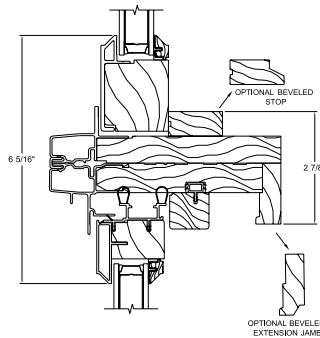
2" Spread Mullion



Mullion Details

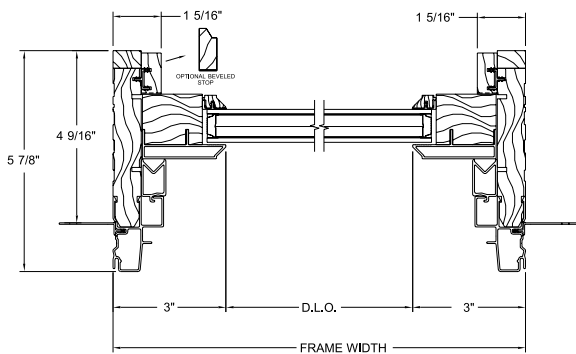


Transom Stacked Above Fixed/Operating

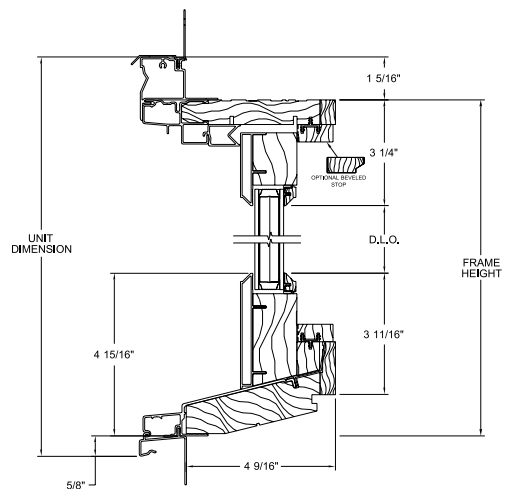


Sterling Studio Units

Horizontal Section



Vertical Section



NOTE: Drawings are not to scale. Brickmould is shown factory-applied. Brickmould may be shipped loose for field application. Some units are shown with optional drip cap or nailing fin. For Ultra accessory or application drawings, see pgs. 206-212. Additional and the most current drawings are available at www.kolbewindows.com.

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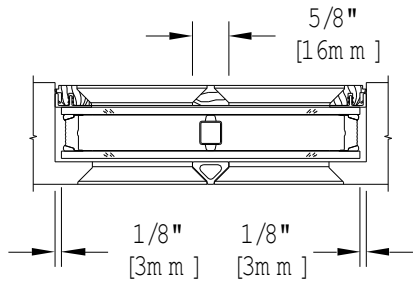
3. Kolbe Muntin Detail

4. Kolbe Vertical Cross Section Detail

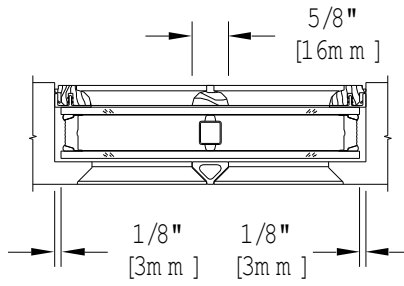
5. Kolbe Horizontal Cross Section Detail

WINDOWS & DOORS

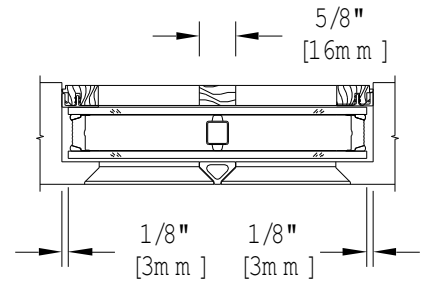
Beveled



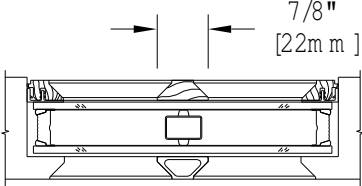
Ovob



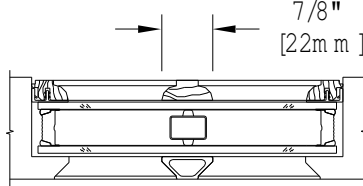
Square



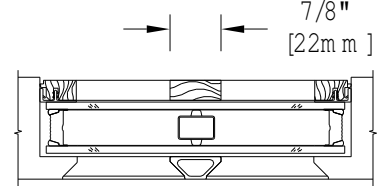
7/8" [22m m]



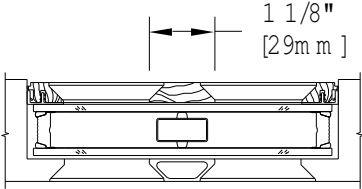
7/8" [22m m]



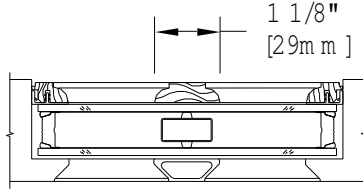
7/8" [22m m]



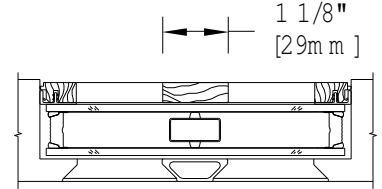
1 1/8" [29m m]



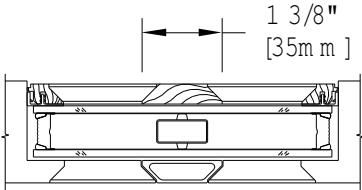
1 1/8" [29m m]



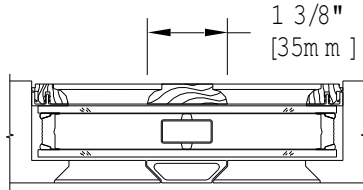
1 1/8" [29m m]



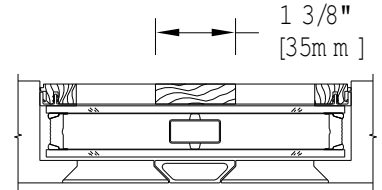
1 3/8" [35m m]



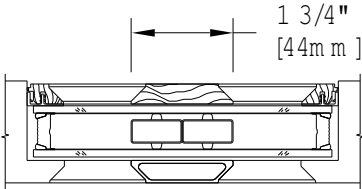
1 3/8" [35m m]



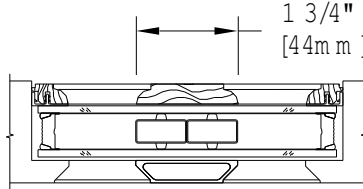
1 3/8" [35m m]



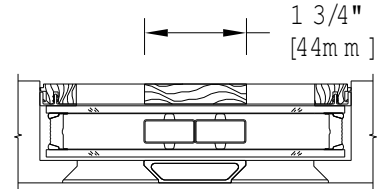
1 3/4" [44m m]



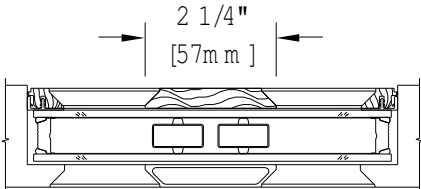
1 3/4" [44m m]



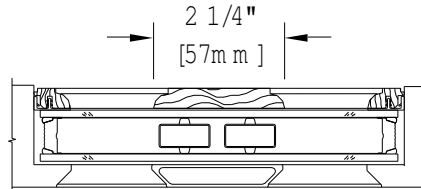
1 3/4" [44m m]



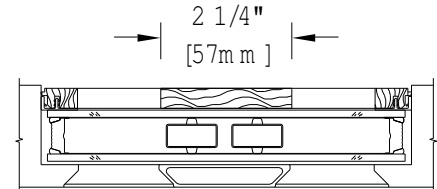
2 1/4" [57m m]



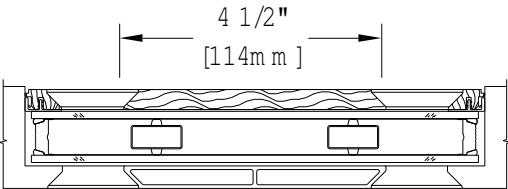
2 1/4" [57m m]



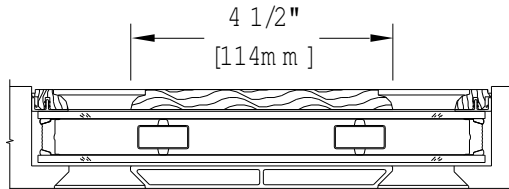
2 1/4" [57m m]



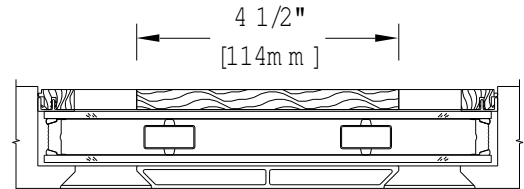
4 1/2" [114m m]

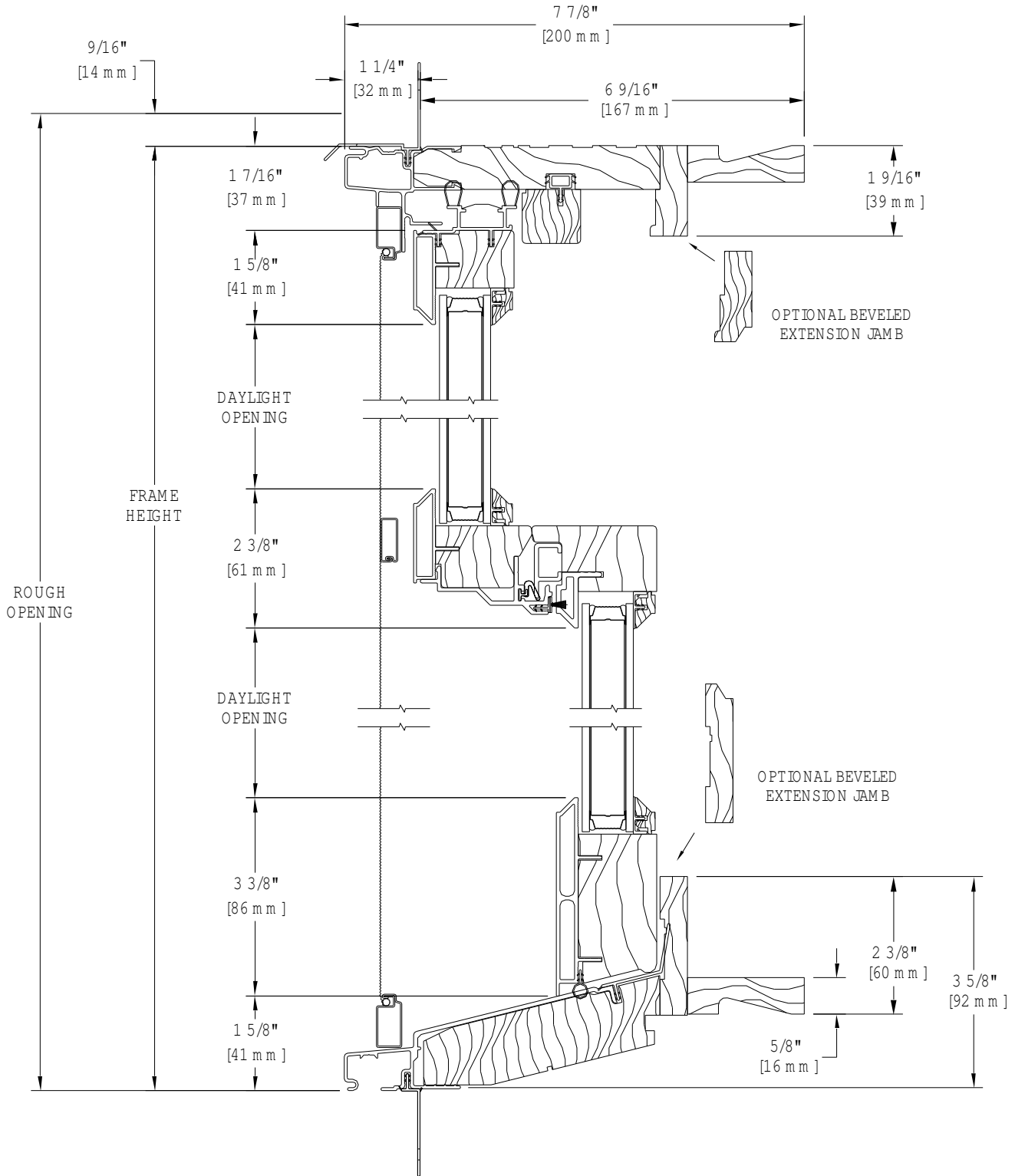


4 1/2" [114m m]

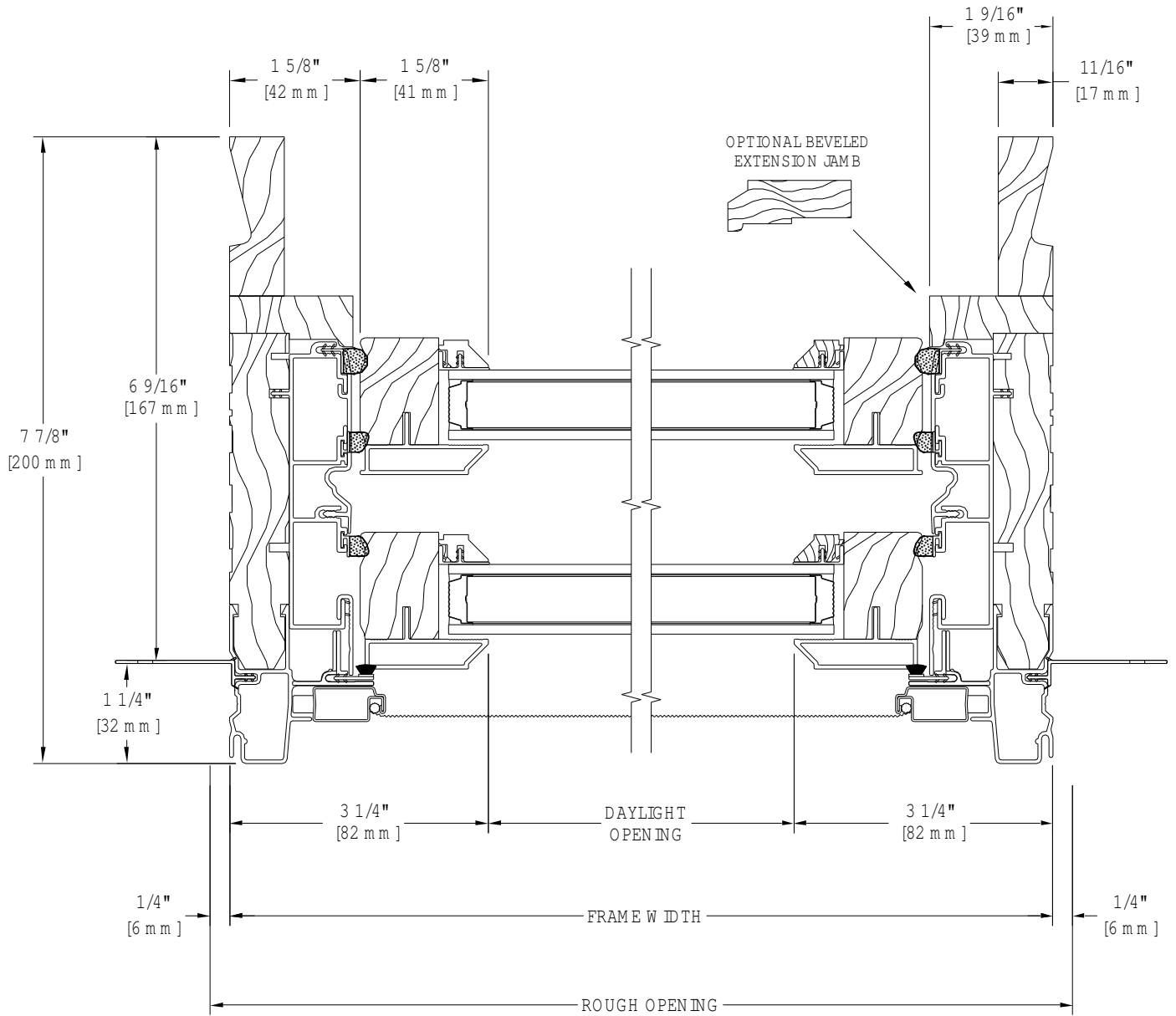


4 1/2" [114m m]





ULTRA SERIES
STERLING DOUBLE/SINGLE HUNG - OPERATING - STANDARD/HIGH PERFORMANCE
6-9/16" JAMB - FULL SCREEN
DOUBLE PANE GLASS
HORIZONTAL CROSS SECTION



A

6. Kolbe Ultra Series Sterling Inswing Doors

Inswing Doors

Whether it's an entrance door or a patio door, inswing doors provide convenient access between spaces. A corresponding radius, transom or sidelite unit can allow even more illumination, while additional options and custom solutions provide ample opportunity for personalization.



Inswing Door Standard Features

- ▶ 1-3/4" thick panel, prehung in a 1-5/16" frame
- ▶ Overall jamb width is 4-9/16"
- ▶ Stiles and top rails are a nominal 4-5/8" wide; bottom rail is a nominal 7-9/16" high
- ▶ Constructed of pine, with pine interior stops and wood mull casings on mullied units
- ▶ Exterior wood parts are treated
- ▶ Extruded aluminum exterior finished with a 70% PVDF fluoropolymer coating (*meets performance requirements of AAMA 2605*)
- ▶ Accessory grooves are integral to the extruded frames for the easy addition of accessories
- ▶ Energy efficient, tempered Solar Low-E glass
- ▶ Glazed to the interior with beveled wood glazing beads
- ▶ Toronto handle set in a Bright Brass PVD[†] finish
- ▶ Stainless steel multi-point locking hardware on single door panels; French doors have a 3-point lock on the active panel and a 2-point lock on the less active panel
- ▶ Adjustable, 4" x 3-5/8" hinges with 5/8" radius corners in a Gold-painted finish
- ▶ "Ultra" sliding insect screen with BetterVue[®] fiberglass mesh and extruded aluminum frame
- ▶ Bronze anodized aluminum, weep sill with an oak interior threshold
- ▶ Heavy vinyl nailing fins with head drip caps*
- ▶ Raised panels and/or glass lites

NOTE: All measurements are nominal.

* Standard only on units without brickmould.

†PVD (Physical Vapor Deposition) finish is an application over the color which helps protect the finish from tarnishing, peeling, and cracking.

Hardware

See entire swinging door hardware selection on pgs. 154-157.



Toronto Handle (shown in Satin Nickel PVD[†])



München Handle (shown in Bright Brass PVD[†])



Verona Handle (shown in Antique Nickel PVD[†])



Dallas Handle (shown in Smoky Gray PVD[†])



Inswing Door Options

Hardware (pgs. 154-156)

- ▶ Toronto, München or Verona handle set in Bright Brass PVD†, Antique Brass, Satin Nickel PVD†, Antique Nickel PVD†, Oil-Rubbed**, Rustic Umber, Matte Black or Smoky Gray PVD† (pgs. 154-155)
- ▶ Dallas handle set in Bright Brass PVD†, Satin Nickel PVD†, Rustic Umber, Matte Black, Smoky Gray PVD†, or Matte Black/Brushed Gold
- ▶ Baldwin handle sets in various styles; available in Bright Brass PVD†, Satin Brass PVD†, Antique Brass, Satin Nickel PVD†, Brushed Chrome, Antique Nickel, Oil-Rubbed**, Rustic Umber, Matte Black or Distressed Smoky Gray (pg. 156)
- ▶ Keyed lock
- ▶ 2-point flush bolt lock on less active panel of French doors
- ▶ Single-point locking system
- ▶ Electronic multi-point lock (available for select single-panel doors up to 8 feet high and with stiles wider than 3"; not available on double or French door configurations. Not recommended for coastal applications.)

Hinges (pg. 157)

- ▶ Adjustable 4" x 3-5/8" hinges with 5/8" radius corners in Bright Brass PVD†, Antique Brass, Brushed Chrome PVD†, Satin Nickel PVD†, Silver, Antique Nickel, Smoky Gray PVD†, Oil-Rubbed**, Rustic Umber or Matte Black
- ▶ Non-adjustable, residential 4" x 4" ball-bearing hinges with 1/4" radius corners in Bright Brass, Antique Brass, Satin Nickel, Antique Nickel, Stainless Steel, Oil-Rubbed** or Matte Black
- ▶ Non-adjustable, commercial-grade 4" x 4" ball-bearing hinges with square corners in Bright Brass, Antique Brass, Stainless Steel, Oil-Rubbed**, Matte Black or Satin Nickel
- ▶ Non-adjustable, commercial-grade 4-1/2" x 4-1/2" hinges in Bright Brass, Oil-Rubbed** or Stainless Steel

Glass (pg. 200)

- ▶ Solar Gain Low-E
- ▶ Solar Advanced Control Low-E
- ▶ Solar Control Low-E
- ▶ ThermaPlus™ Low-E
- ▶ Neat®
- ▶ Triple pane‡
- ▶ Patterned-, bronze-, or gray-lite
- ▶ Laminated
- ▶ Other options standard to the industry

Divided Lites (pg. 201)

- ▶ Performance divided lites with 5/8", 7/8", 1-1/8", 1-3/8", 1-3/4", 2-1/4" or 4-1/2" bars
- ▶ Grilles-in-the-airspace

Insect Screens

- ▶ Self-closing, swinging insect screen includes a spring-loaded lock, aluminum frame to match exterior color of the unit and choice of BetterVue® or UltraVue® fiberglass mesh or aluminum mesh

Sills

- ▶ Clear anodized weep sill
- ▶ Adjustable sill in Bronze or Clear anodized
- ▶ Thermal or non-thermal ADA-compliant sill

Other Options (custom options are also available)

- ▶ 2-1/4" thick panel
- ▶ 3" or 6" stiles
- ▶ 12-5/8" bottom rail
- ▶ Flat panel
- ▶ Other wood species and FSC®-certified wood (pg. 198)
- ▶ Ovolo or square profile glazing beads and interior divided lite bars (pg. 201)
- ▶ Interior prefinishing (pg. 198)
- ▶ Interior casing
- ▶ Extruded aluminum accessories applied to accessory grooves on the exterior frame (pgs. 206-212)
- ▶ Factory-applied extension jambs in a variety of sizes
- ▶ Galvanized steel installation clips

NOTE: All measurements are nominal.

†PVD (Physical Vapor Deposition) finish is an application over the color which helps protect the finish from tarnishing, peeling, and cracking.

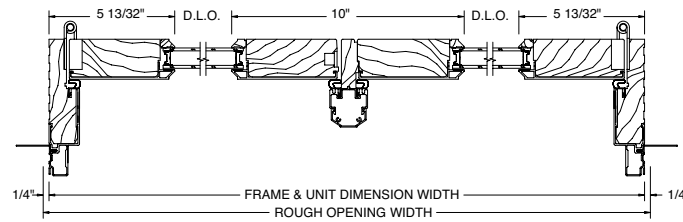
**The Oil-Rubbed finish is a living finish, which means that it will change appearance over time with use.

‡ 2-1/4" panels only; size limitations apply. Contact your Kolbe dealer for more information.

Inswing Doors | Cross Section Drawings

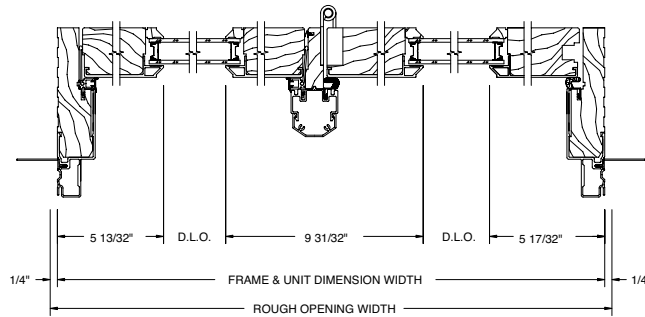
2-Wide Inswing French Doors

Horizontal Section



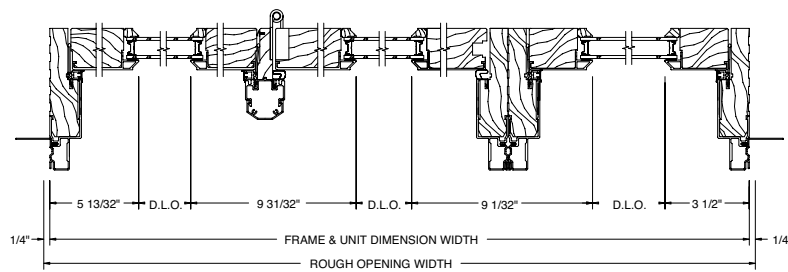
2-Wide Inswing Doors – Active/Stationary

Horizontal Section



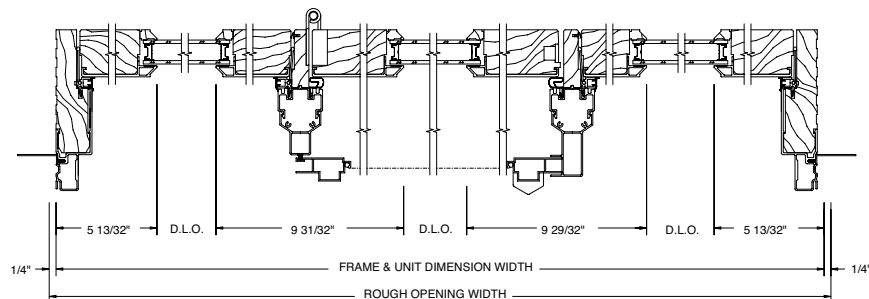
2-Wide Inswing Doors with Sidelite

Horizontal Section



3-Wide Inswing Doors

Horizontal Section

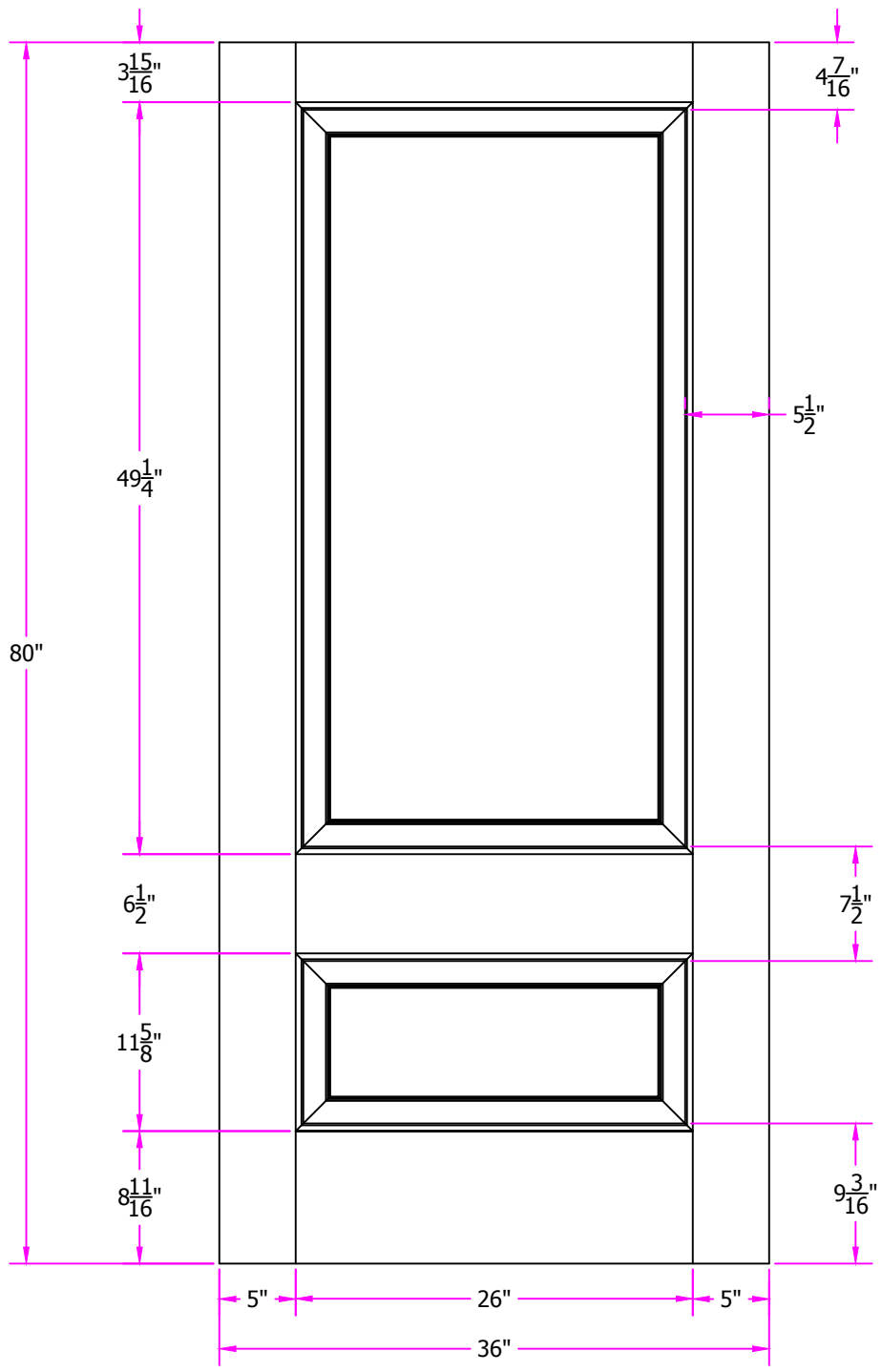


NOTE: Drawings are not to scale. Additional and the most current drawings are available at www.kolbewindows.com.

A

7. Simpson Front Door Specifications

8. Simpson Side Door Specifications



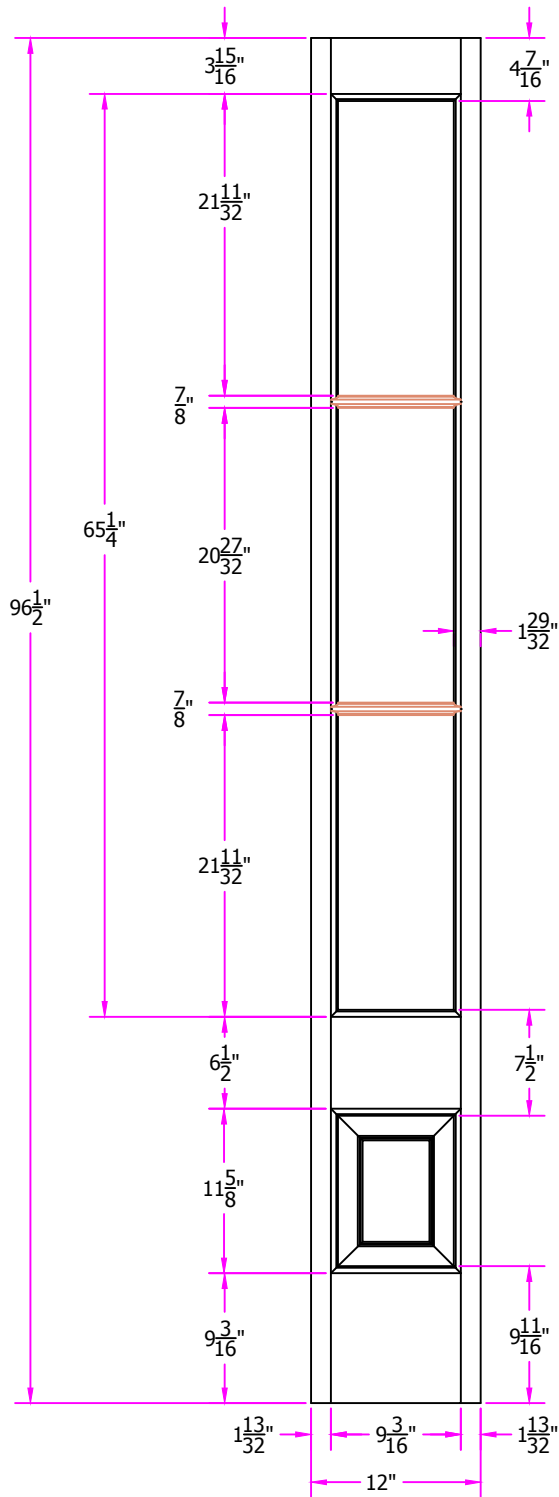
THIS DRAWING AND THE INFORMATION CONTAINED HEREIN IS THE PROPRIETARY TO SIMPSON DOOR COMPANY AND SHALL NOT BE REPRODUCED, COPIED OR DISCLOSED IN WHOLE OR PART, OR USED FOR MANUFACTURE OR FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF SIMPSON DOOR COMPANY.

Revisions

Rev. #	Description	Date	by Whom

TITLE 7281 3/0 x 6/8 Customer Layout			
DRAWING NO. D-7281-300-608-0700			
LAYOUT N/A	SCALE NTS	BORE PATTERN # 7006	
DRAWN BY: V. Keech		DATE 08/01/2016	





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Revisions

Rev. #	Description	Date	by Whom

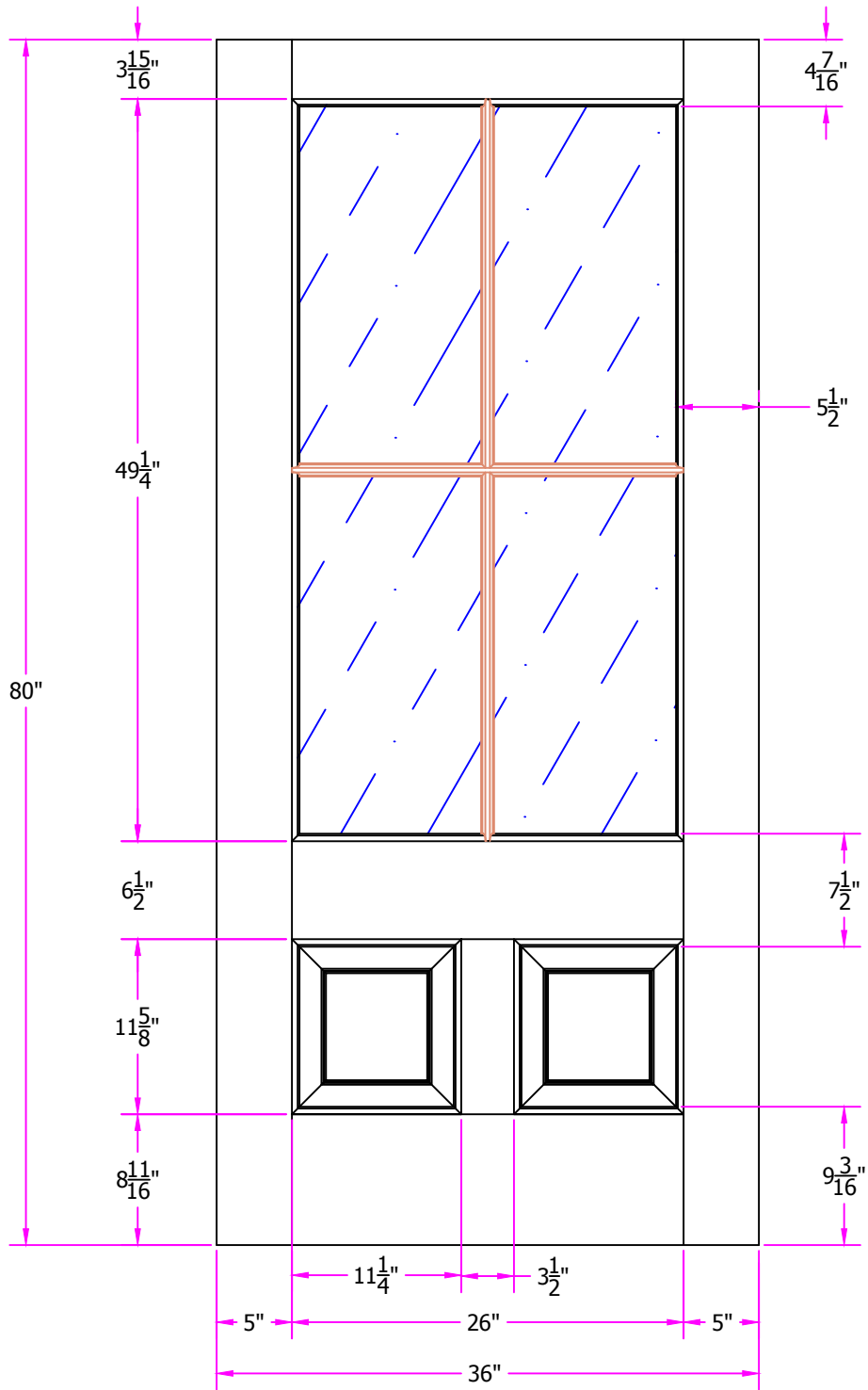
TITLE **37803 1/0 x 8/0.5**
Customer Layout

DRAWING NO. **S-37803-100-800.5-0700**

LAYOUT **00** SCALE **NTS** PATTERN # **7009**

DRAWN BY: **J. Decker** DATE **06/04/2013**





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Revisions

Rev. #	Description	Date	by Whom

TITLE **37524 3/0 x 6/8**
Customer Layout

DRAWING NO. **D-37524-300-608-0700**

LAYOUT **SDL** SCALE **NTS** BORE PATTERN # **7018**

DRAWN BY: **V. KEECH** DATE **11/18/2013**



A

9. Fagan Harbour Series Garage Door



FAGAN DOOR



THE HARBOUR SERIES

OUR SIGNATURE LINE OF GARAGE DOORS



INTRODUCING **THE HARBOUR SERIES**

Exclusively from Fagan Door, the Harbour Series is **our signature line of garage doors**. Every door in the series is built from a naturally white, paintable vinyl composite. The vinyl build gives the architectural look of wood, without the upkeep and at a much lower price. With very little

maintenance and fantastic longevity, a Harbour Series door makes for a wise investment. Each door is available in three tiers of constructional detail and refinement. Work with our design team to custom build your door to meet your unique specifications.



The look of wood, but
will not rot, crack, or split



Our signature line of garage doors

BUILT FROM VERSATEX®

VERSATEX is an industry leading manufacturer of trimboards. Made right here in the USA, VERSATEX produces the highest quality trimboard featuring the real look and craftsmanship of a premium lumber without the moisture problems of wood.

- ✓ Match your garage door with your home's exterior trim
- ✓ Fully-sealed edges makes for water-tight construction
- ✓ Built from a naturally white, paintable composite with a paint-life 4-5x longer than wood
- ✓ Limited Lifetime Warranty against Rotting, Cracking, and Splitting

VERSATEX®
T R I M B O A R D

UNIQUE, CUSTOM DESIGNS

Every Harbour Series Door can be custom built to match your home's style. Available features include:

- ✓ Custom Built Arches
- ✓ Custom Board Widths
- ✓ True-Divided Window Panes
- ✓ Swing Door Options
- ✓ Decorative Handles & Hinges



"The craftsmanship and personal touch that goes into the fabrication of these doors reflects the culture and values of the company and its owners. Every door is individually handcrafted to assure the utmost in quality and performance."

JD Pace
Owner of VERSATEX®

THREE UNIQUE TIERS

1



TIER ONE

The basic trim level of the series includes flush panels, square edge overlays, and simulated window panes for a true craftsman style. Available up to 9' wide.

2



TIER TWO

The second trim level of the series is elevated to include 4" tongue and groove inlays, square edge overlays, and simulated window panes for a traditional and timeless design. Available up to 9' wide.

3



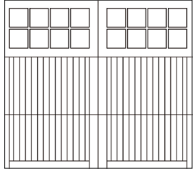
TIER THREE

The third trim level of the series adds profiled edge overlays and true divided window panes for a final product that is unrivaled in appearance and construction. 4" or 5-1/4" tongue and groove inlays available. Custom door panels and window configurations available. Available up to 18' wide.

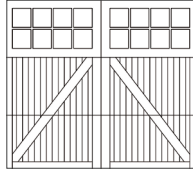


Guaranteed not to rot, crack or split for the life of the door sections. Hardware Components guaranteed for 3 years. First annual tune-up included with every Harbour Door purchase.

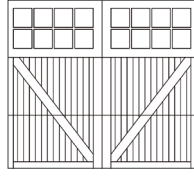
PANEL OPTIONS



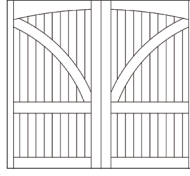
HA-101-8PS



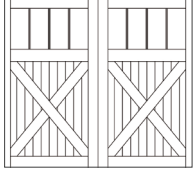
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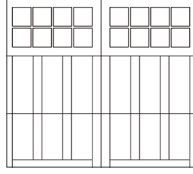
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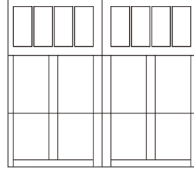
HA-104



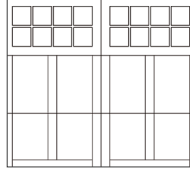
HA-105-4PS



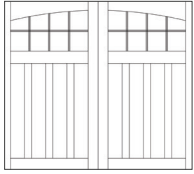
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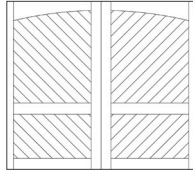
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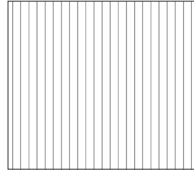
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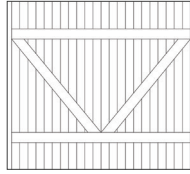
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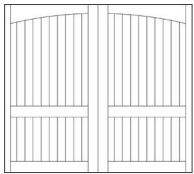
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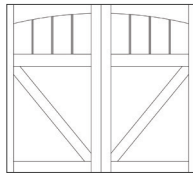
HA-110



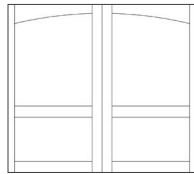
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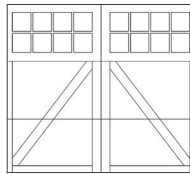
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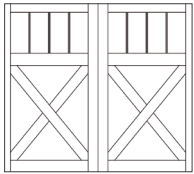
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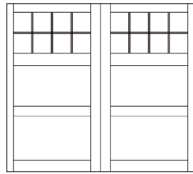
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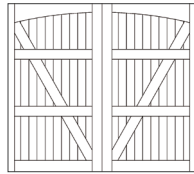
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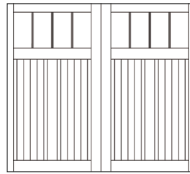
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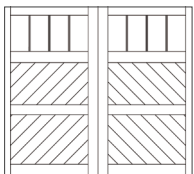
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HA-118



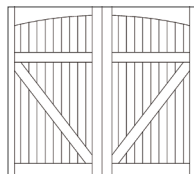
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HA-120-4PS

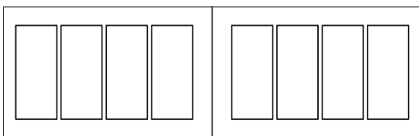


HA-121

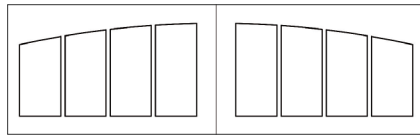


HA-124

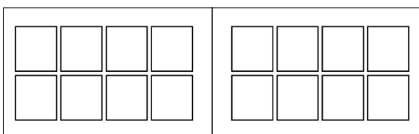
WINDOW OPTIONS



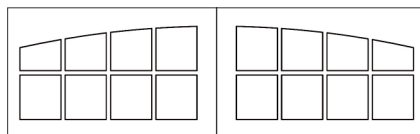
4PS 4-Pane, Square



4PA 4-Pane, Arch



8PS 8-Pane, Square



8PA 8-Pane, Arch

PAINT INFO

The Harbour Series is a naturally white composite material, which can be painted with Sherwin Williams SOLO* Vinyl-Safe Color Technology. For colors with LRV of less than 55 use AquaSurTech. For a full offering of vinyl safe colors scan code:



*Consult your sales rep regarding the best paint option for your particular location.



SDL



TDL

Simulated Divided Lites (SDL) and True Divided Lites (TDL) are available. Windows can be custom configured in TDL, Tier 3.

B

1. Certainteed Landmark Pro Series Shingle

LANDMARK[®] PRO

The Expert's Choice



Shown in Max Def Driftwood

Introducing More Value

Landmark® PRO is designed specifically for the professional roofing contractor that takes pride in providing more to their customer.

Landmark PRO improves upon the reliable CertainTeed Landmark shingle.

We started by adding more weathering asphalt to the industry's toughest fiberglass mat to provide more protection. Then we incorporated our Maximum Definition color blend technology to give the product more vibrancy on the roof. Included is the proven performance of our **NailTrak**® feature, enabling faster installation.

Landmark PRO offers the industry's strongest warranty. Protecting your reputation and safeguarding homeowners from manufacturing and aesthetic defects.

LANDMARK PRO STANDARD WARRANTY

- Lifetime Limited Warranty
- 10-years of SureStart™ protection
- 15-year 110 MPH wind warranty (Upgrade to 130 MPH available. CertainTeed starter and CertainTeed hip and ridge required.)
- 15-year **StreakFighter**® algae resistance warranty

Add it all up and what you get is the opportunity to offer a lot of additional value for the money... and today that means more than ever.

LANDMARK® PRO



Landmark PRO specifications:

- Premium Max Def color palette
- **NailTrak**® for faster installation
- Lifetime limited warranty
- 15-year **StreakFighter**® algae resistance
- 10-year SureStart protection includes:
 - Materials, labor, tear off and disposal cost
- 15-year 110 MPH wind warranty with upgrade to 130 MPH available

LANDMARK®



Landmark specifications:

- Traditional color palette
- **NailTrak**® for faster installation
- Lifetime limited warranty
- 10-year **StreakFighter**® algae resistance
- 10-year SureStart protection includes:
 - Materials and labor costs
- 15-year 110 MPH wind warranty with upgrade to 130 MPH available

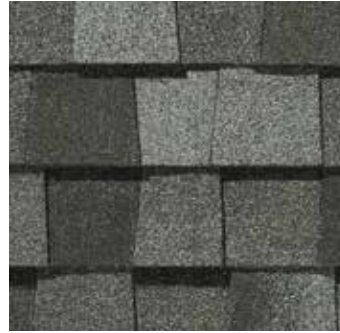
LANDMARK® PRO COLOR PALETTE



Max Def Cobblestone Gray



Max Def Colonial Slate



Max Def Georgetown Gray



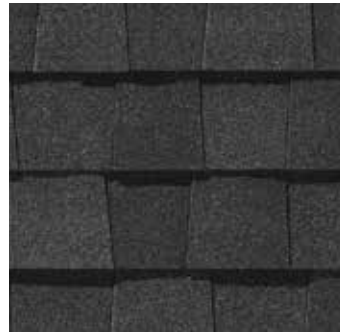
Max Def Weathered Wood



Max Def Driftwood



Max Def Pewterwood



Max Def Charcoal Black



Max Def Moiré Black



Max Def Heather Blend



Max Def Shenandoah



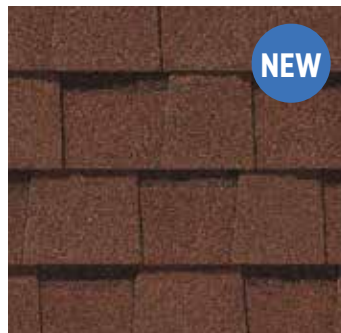
Max Def Burnt Sienna



Max Def Resawn Shake



Max Def Coastal Blue



Max Def Red Oak

Max Def Colors

Look deeper. With Max Def, a new dimension is added to shingles with a richer mixture of surface granules. You get a brighter, more vibrant, more dramatic appearance and depth of color. And the natural beauty of your roof shines through.

NOTE: Due to limitations of printing reproduction, CertainTeed can not guarantee the identical match of the actual product color to the graphic representations throughout this publication.



Scan code for more information

StreakFighter®

Algae Resistance

The ultimate in stain protection.

Those streaks you see on other roofs in your neighborhood? That's algae, and it's a common eyesore on roofing throughout North America. CertainTeed's **StreakFighter** technology uses the power of science to repel algae before it can take hold and spread.

StreakFighter's granular blend includes naturally algae-resistant copper, helping your roof maintain its curb appeal and look beautiful for years to come.

Granule with **StreakFighter** Technology

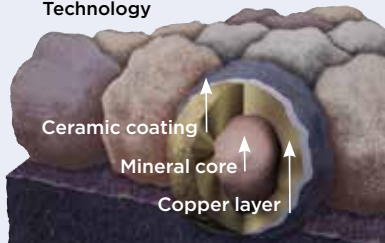


Diagram for illustrative purposes only.

NailTrak®

Fast, Accurate, Visible

The new and improved **NailTrak** nailing line, a feature on CertainTeed designer shingles.

Now **NailTrak** is brighter than ever before, with high-visibility lines that stand out whether it's daybreak or dusk.

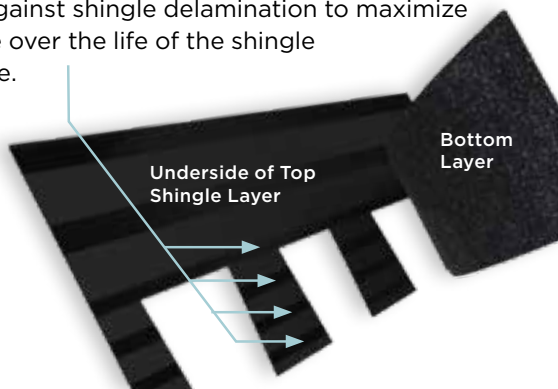
NailTrak removes the guesswork with three separately defined lines, creating a large area to guide your nailing and a smaller area for extreme steep-slope applications.



QuadraBond™

Advanced Layering

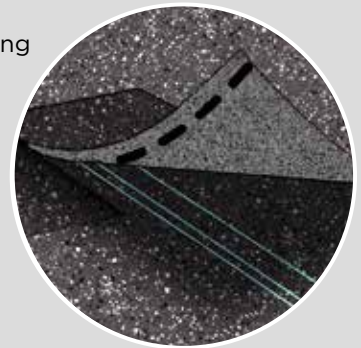
CertainTeed's specially formulated adhesive adheres shingle layers at four points, more than any other manufacturer. This superior bond provides greater protection against shingle delamination to maximize performance over the life of the shingle in any climate.



CertaSeal™

Uplift Protection

CertaSeal™ is a fast-activating modified asphalt sealant with a 20-year record of proven performance. Designed to seal shingles together upon installation, it protects roofs from wind uplift and shingle blow-off so that homes stay safe and dry. It's also engineered to remain flexible after installation, unlike harder sealants that can dry out and crack over time.



Integrity Roof System™

Insist upon the Integrity Roof System™ and get the ultimate in roof performance.

learn more at:

certainteed.com/roofing

Landmark® PRO available in areas shown



CertainTeed

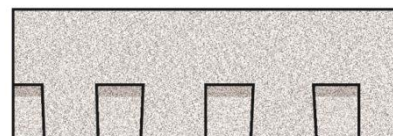
CEILINGS • DECKING • FENCE • GYPSUM • INSULATION • RAILING • ROOFING • SIDING • TRIM
20 Moores Road, Malvern, PA 19355 Professional: 800-233-8990 Consumer: 800-782-8777 certainteed.com

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Landmark®, Landmark® Premium, Landmark® Pro Shingles, Landmark® Pro/Architect 80 (NW Region Only) Shingles

PRODUCT INFORMATION

Landmark shingles reflect the same high manufacturing standards and superior warranty protection as the rest of CertainTeed's line of roofing products. Landmark Premium (and Algae Resistant-AR), Landmark PRO (and AR) and Landmark (and AR) are built with the industry's toughest fiber glass mat base, and their strict dimensional tolerance assures consistency. Complex granule color blends and subtle shadow lines produce a distinctive color selection. Landmark is produced with the unique NailTrak® nailing feature. **Please see the installation instruction section below for important information regarding NailTrak.**



In the Northwest Region Landmark PRO (AR) is double-branded as Landmark PRO/Architect 80 (AR).

Landmark algae-resistant (AR) shingles are algae-resistant and help protect against dark or black discoloration, sometimes called staining or streaking, caused by blue-green algae. AR shingles are not available in all regions.

Colors: Please refer to the product brochure or CertainTeed website for the colors available in your region.

Limitations: Use on roofs with slopes greater than 2" per foot. Low-slope applications (2:12 to < 4:12) require additional underlayment. In areas where icing along eaves can cause the back-up of water, apply CertainTeed WinterGuard® Waterproofing Shingle Underlayment, or its equivalent, according to application instructions provided with the product and on the shingle package.

Product Composition: Landmark Series shingles are composed of a fiber glass mat base. Ceramic-coated mineral granules are tightly embedded in carefully refined, water-resistant asphalt. Two pieces of the shingle are firmly laminated together in a special, tough asphaltic cement. All Landmark shingles have self-sealing adhesive strips.

Applicable Standards

ASTM D3018 Type I

ASTM D3462

ASTM E108 Class A Fire Resistance

ASTM D3161 Class F Wind Resistance

ASTM D7158 Class H Wind Resistance

UL 790 Class A Fire Resistance

ICC-ES ESR-1389 and ESR-3537

CSA Standard A123.5 (Regional)

Miami-Dade Product Control Approved

Florida Product Approval # FL5444

Meets TDI Windstorm Requirements

Technical Data:

	Landmark (and AR)	Landmark PRO* (and AR)	Landmark Premium (and AR)
Weight/Square (approx.)	219 to 238 lb **	240 to 267 lb **	300 lb
Dimensions (overall)	13 1/4" x 38 3/4"	13 1/4" x 38 3/4"	13 1/4" x 38 3/4"
Shingles/Square (approx.)	66	66	66
Weather Exposure	5 5/8"	5 5/8"	5 5/8"

*Includes Landmark PRO AR/Architect 80

**Dependent on manufacturing location

INSTALLATION

Detailed installation instructions are supplied on each bundle of Landmark shingles and must be followed. Separate application sheets may also be obtained from CertainTeed.

Hips and Ridges: For capping hip and ridge apply CertainTeed Shadow Ridge®, Cedar Crest® or Mountain Ridge® shingles of a like color.

MAINTENANCE

These shingles do not require maintenance when installed according to manufacturer's application instructions. However, to protect the investment, any roof should be routinely inspected at least once a year. Older roofs should be looked at more frequently.

WARRANTY

Landmark Premium (and AR), Landmark PRO/Architect 80 AR, Landmark PRO (and AR), and Landmark (and AR) shingles carry a lifetime limited, transferable warranty to the consumer against manufacturing defects when applied to stated CertainTeed application instructions for this product. In addition, Landmark Premium (and AR), Landmark PRO (and AR), Landmark PRO/Architect 80 AR, and Landmark (and AR) carry 10-years of SureStart™ Protection. Landmark AR shingles carry a 10-year algae resistance warranty. Landmark Premium AR, Landmark PRO AR, and Landmark PRO/Architect 80 AR shingles carry a 15-year algae resistance warranty. For specific warranty details and limitations, refer to the warranty itself (available from the local supplier, roofing contractor or on-line at www.certainteed.com).

FOR MORE INFORMATION

Sales Support Group: 800-233-8990

Web site: www.certainteed.com

See us at our on-line specification writing tool, CertaSpec®, at www.certainteed.com/certaspec.

CertainTeed
20 Moores Road
Malvern, PA 19355

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CertainTeed
SAINT-GOBAIN

C

1. Spaulding Endicott Medium Brick



SPAULDING BRICK
 COMPANY, INC.
 an employee owned company

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HOME » CATALOG

ENDICOTT MEDIUM IRONSPOT 46 SMOOTH

[REQUEST A SAMPLE](#)

Category: [Face & Thin Brick](#)



ADDITIONAL INFORMATION

TEXTURE

Smooth

EDGES

Square

FACE BRICK AVAILABLE

Yes

THIN BRICK AVAILABLE

Yes

MANUFACTURER

[Endicott Clay](#)



Crossman Engineering

Rhode Island
151 Canterville Road
Warwick, RI 02886
Phone (401) 738-5660

Massachusetts
103 Commonwealth Avenue
North Attleboro, MA 02763
Phone (508) 695-1700

Email: ce@crosmaneng.com

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PROJECT TITLE:
**PROPOSED SUBDIVISION PLAN
PLAT 16, LOTS 665 and 666
(FORMERLY LOT 595)
ZONING DISTRICTS R-1 and R-2
RESIDENTIAL DISTRICTS
59 WILLIAMS STREET
PROVIDENCE, RI 02906**

APPLICANT:
ALLEN and ANN PIPKIN
**59 WILLIAMS STREET
PROVIDENCE, RI 02906**

sketch 5-2-22

DRAWING TITLE:
**GRADING and
DRAINAGE PLAN**

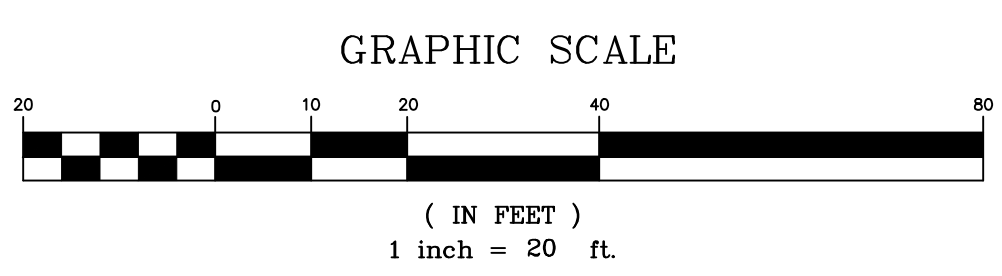
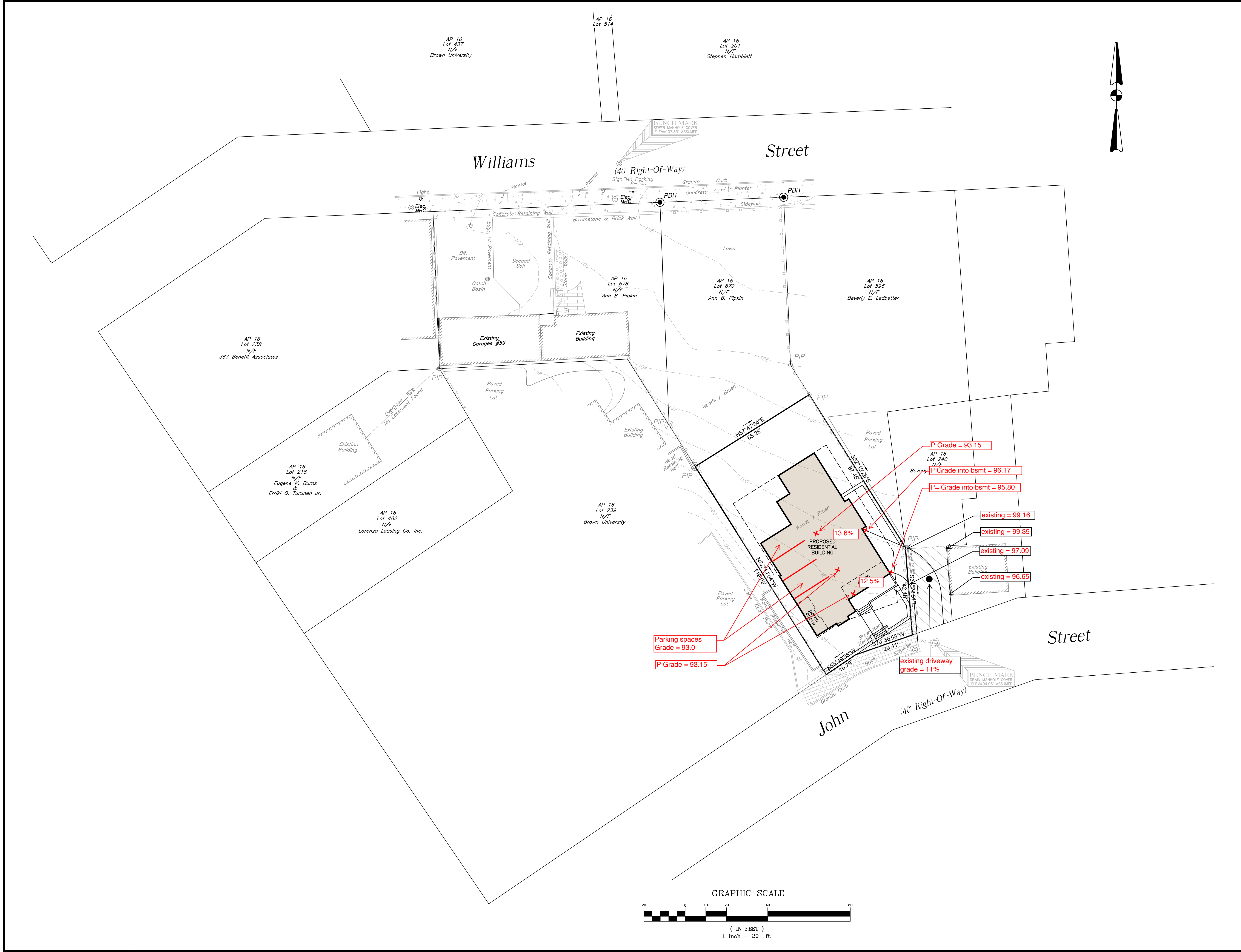
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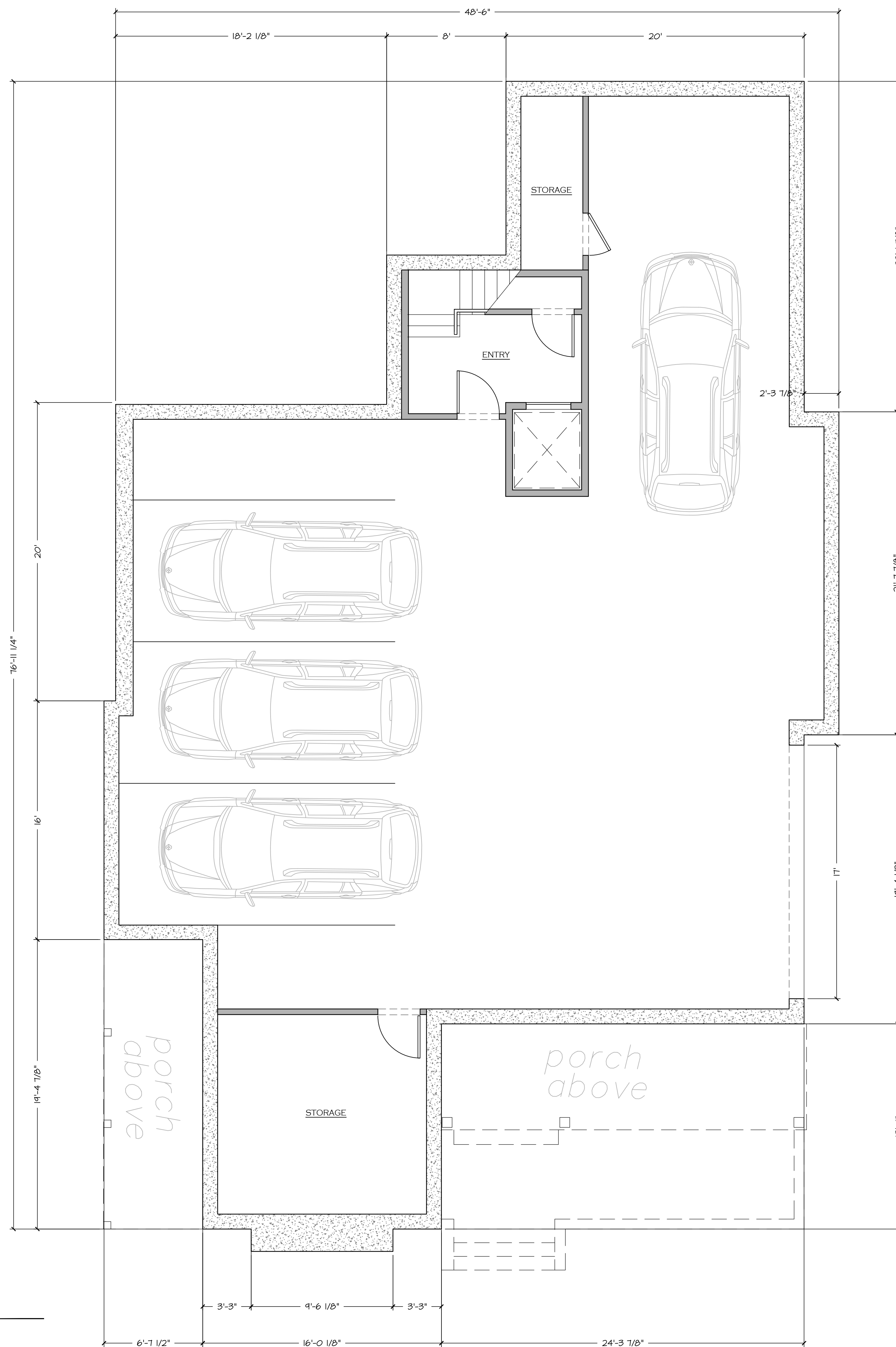
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REVISIONS

NUMBER	REMARKS	DATE

DRAWING NUMBER
C3
SHEET: 4 OF x





1 PROPOSED BASEMENT PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS.
2. VERIFY ALL DIMENSIONS IN FIELD.
3. REPORT ANY DISCREPANCIES TO JP COUTURE.

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RESTORATION

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Tel. 401.621.1861

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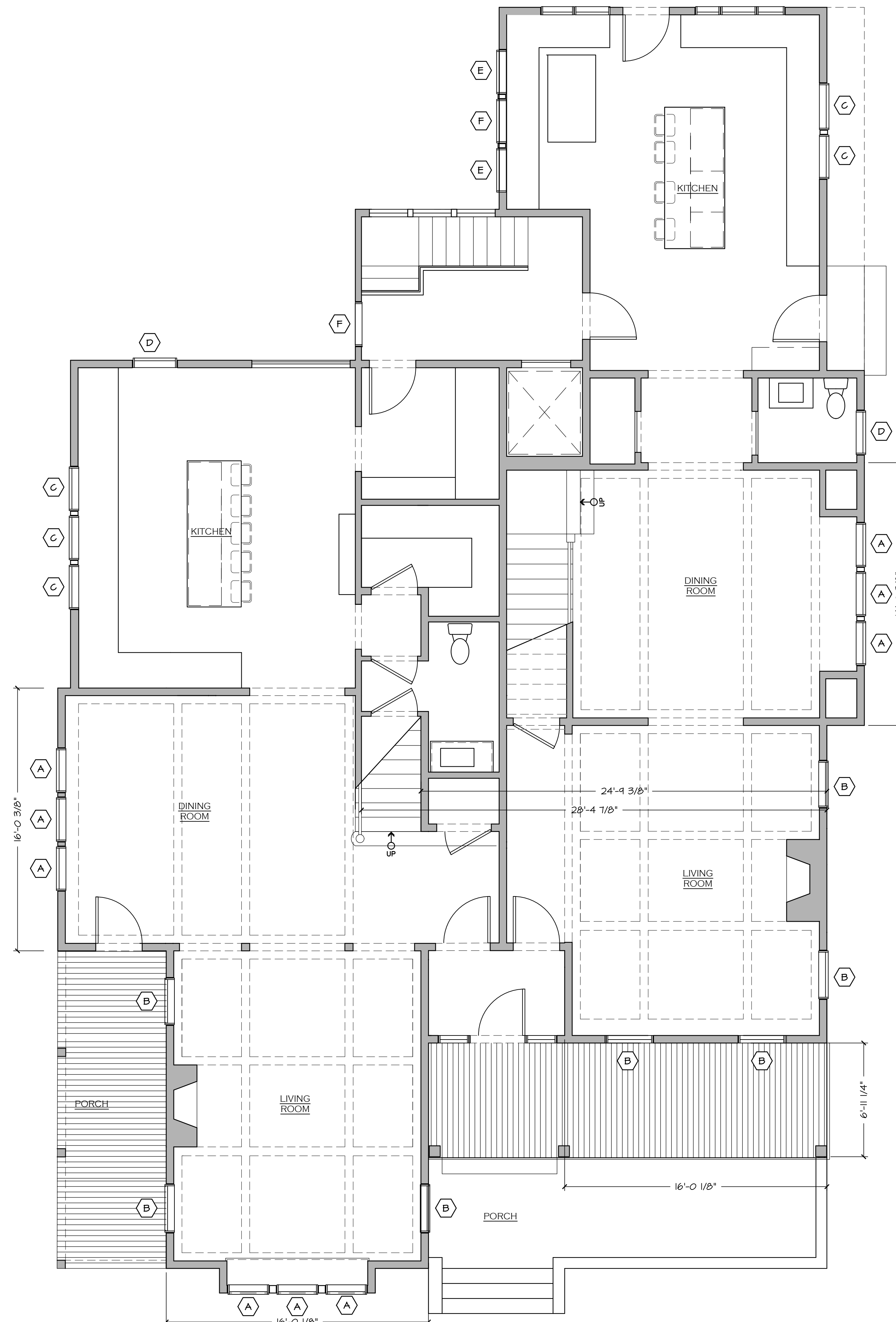
No.	Date	Revisions

6 JOHN STREET
PROVIDENCE, RHODE ISLAND

Date: MAY 18, 2022

A1.0

Project Number:



1 PROPOSED FIRST FLOOR
SCALE: 1/4" = 1'-0"

GENERAL NOTES:
 1. DO NOT SCALE DRAWINGS.
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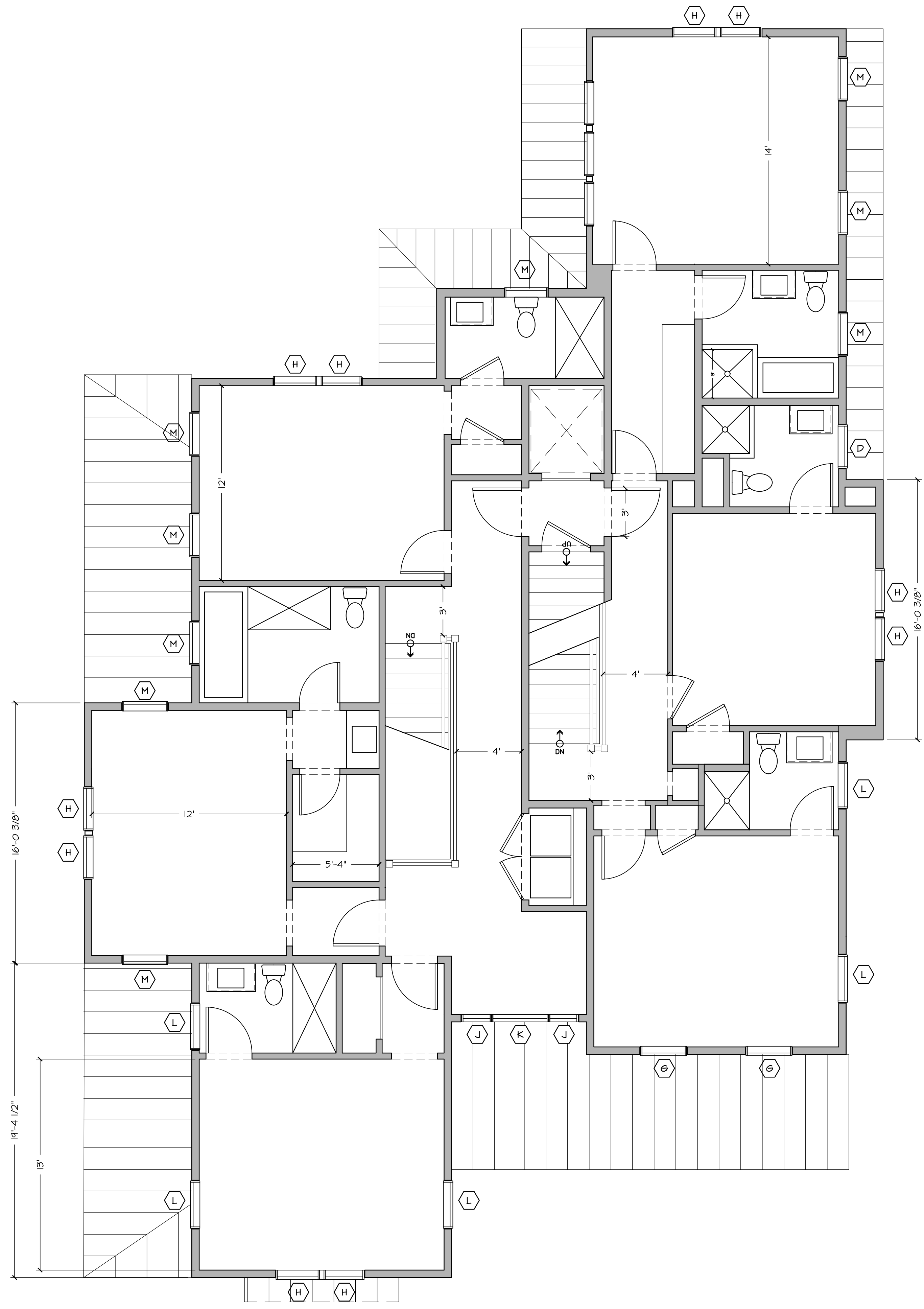
No.	Date	Revisions

6 JOHN STREET
 PROVIDENCE, RHODE ISLAND

Date: MAY 18, 2022

A1.1

Project Number:



1 PROPOSED SECOND FLOOR
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS.
2. VERIFY ALL DIMENSIONS IN FIELD.
3. REPORT ANY DISCREPANCIES TO JP COUTURE.

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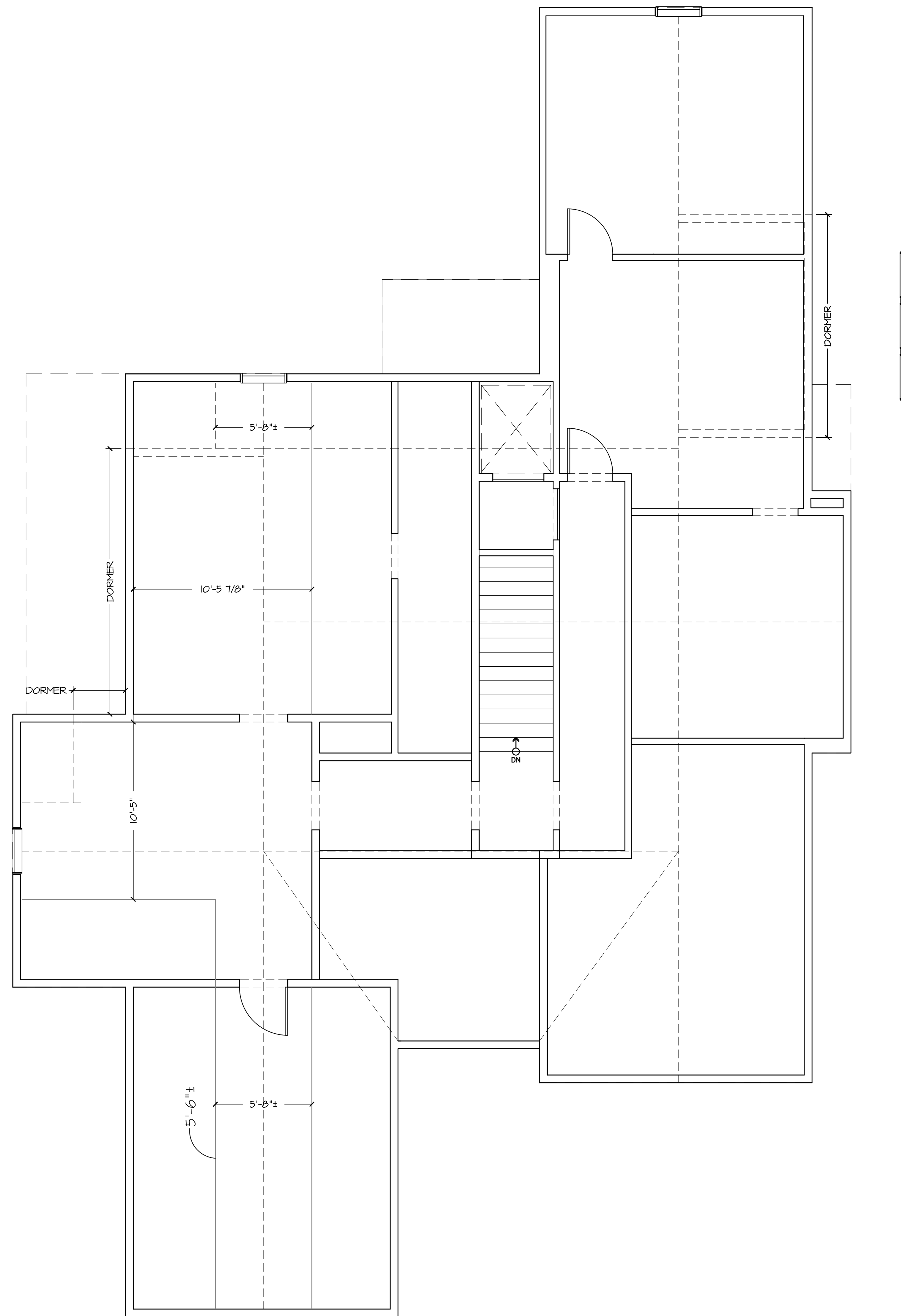
No.	Date	Revisions

6 JOHN STREET
PROVIDENCE, RHODE ISLAND

Date: MAY 18, 2022

A1.2

Project Number:



1 PROPOSED THIRD FLOOR
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS.
2. VERIFY ALL DIMENSIONS IN FIELD.
3. REPORT ANY DISCREPANCIES TO JP COUTURE.

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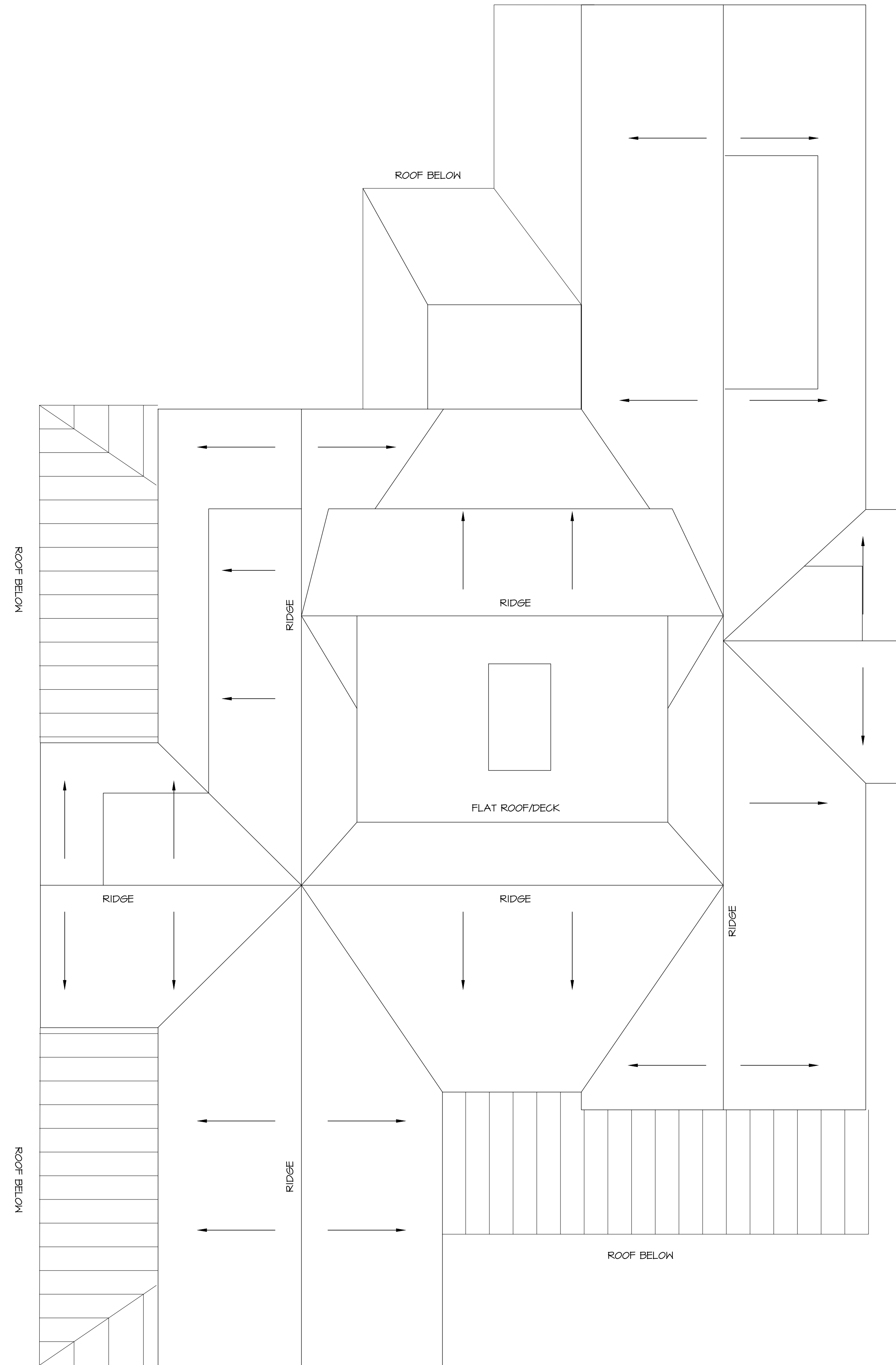
No.	Date	Revisions

6 JOHN STREET
PROVIDENCE, RHODE ISLAND

Date: MAY 18, 2022

A1.3

Project Number:



1 PROPOSED ROOF PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS.
2. VERIFY ALL DIMENSIONS IN FIELD.
3. REPORT ANY DISCREPANCIES TO JP COUTURE.

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No.	Date	Revisions

6 JOHN STREET
PROVIDENCE, RHODE ISLAND

Date: MAY 18, 2022

A1.4

Project Number:



A PROPOSED EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



B PROPOSED EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

GENERAL NOTES:
 1. DO NOT SCALE DRAWINGS.
 2. VERIFY ALL DIMENSIONS IN FIELD.
 3. REPORT ANY DISCREPANCIES TO JP COUTURE.

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No.	Date	Revisions

6 JOHN STREET
 PROVIDENCE, RHODE ISLAND

Date: MAY 18, 2022

A2.1

Project Number:



A PROPOSED EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



B PROPOSED EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

GENERAL NOTES:
1. DO NOT SCALE DRAWINGS.
2. VERIFY ALL DIMENSIONS IN FIELD.
3. REPORT ANY DISCREPANCIES TO JP COUTURE.

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No.	Date	Revisions

6 JOHN STREET
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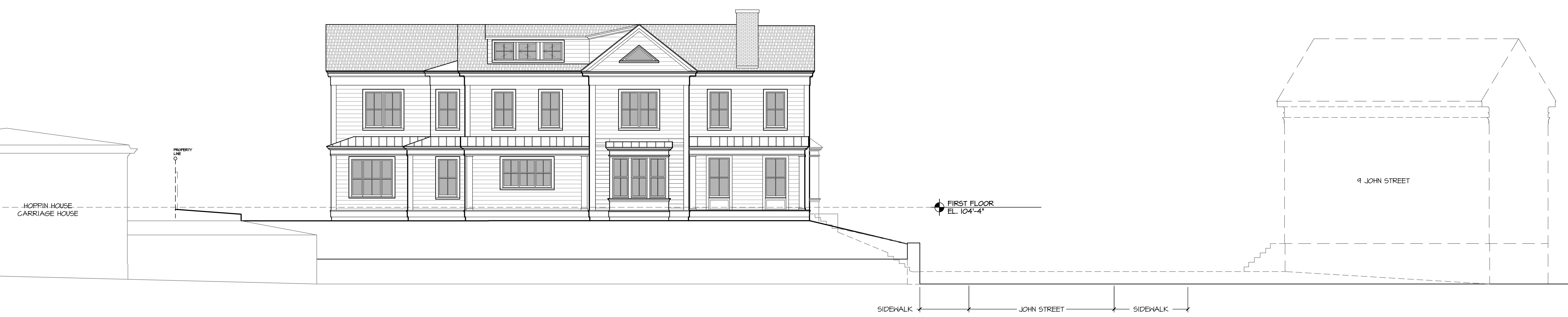
Date: MAY 18, 2022

A2.2

Project Number:



A SITE SECTION
SCALE: 1/8" = 1'-0"



B SITE SECTION
SCALE: 1/8" = 1'-0"

GENERAL NOTES:
 1. DO NOT SCALE DRAWINGS.
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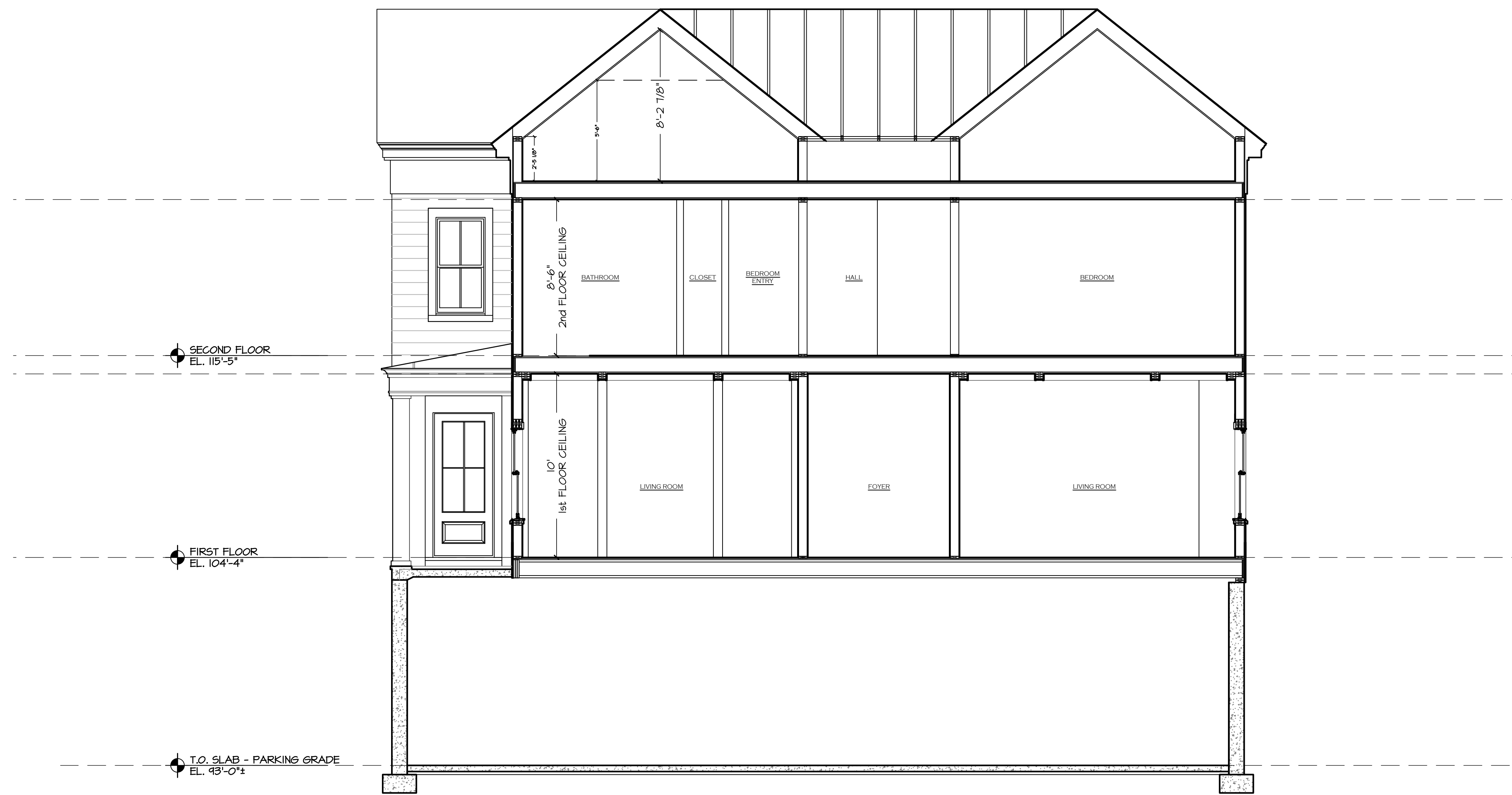
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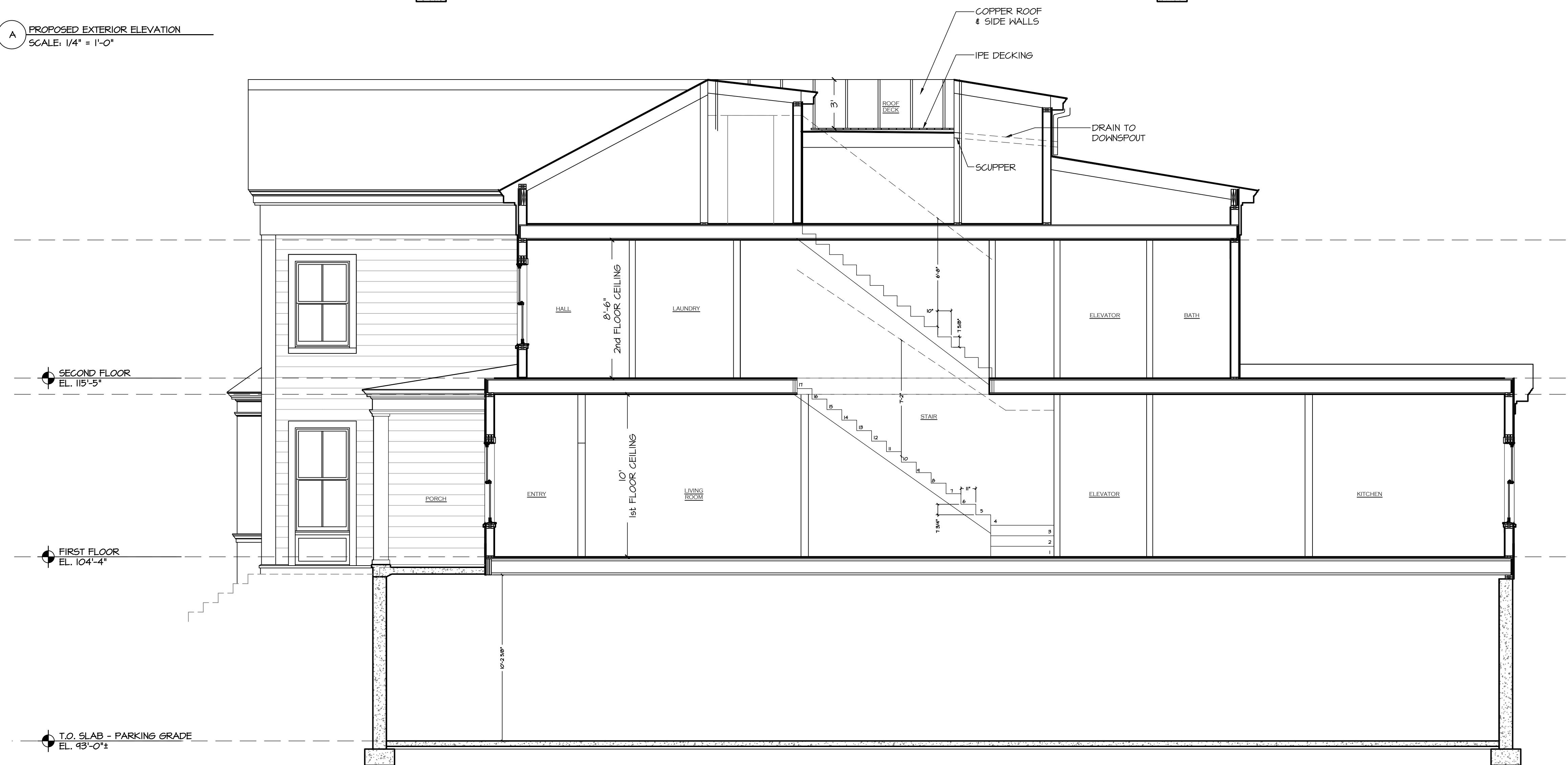
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A2.3

Project Number:



A PROPOSED EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



B PROPOSED EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

GENERAL NOTES:
1. DO NOT SCALE DRAWINGS.
2. VERIFY ALL DIMENSIONS IN FIELD.
3. REPORT ANY DISCREPANCIES TO JP COUTURE.

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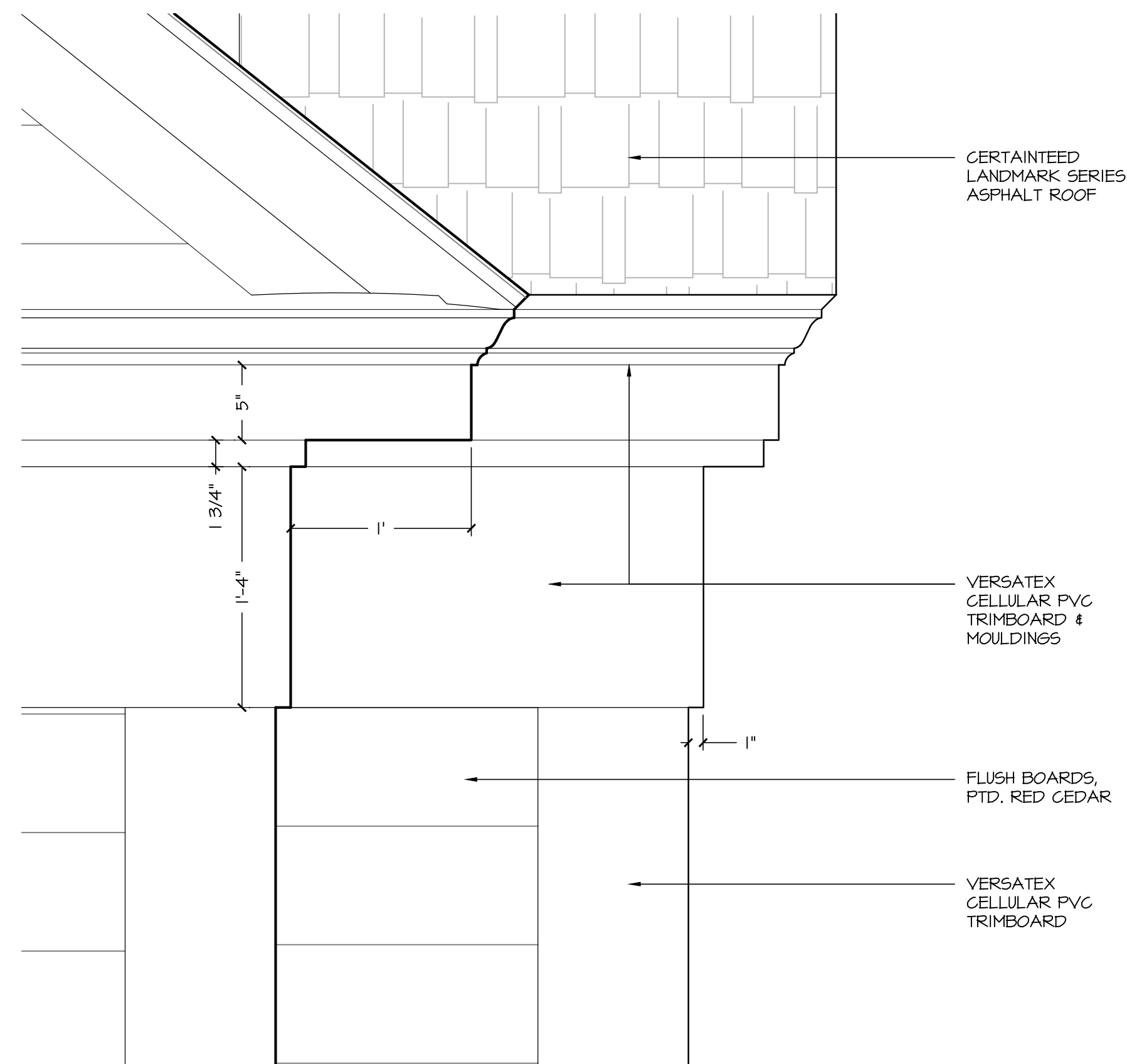
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PROVIDENCE, RHODE ISLAND

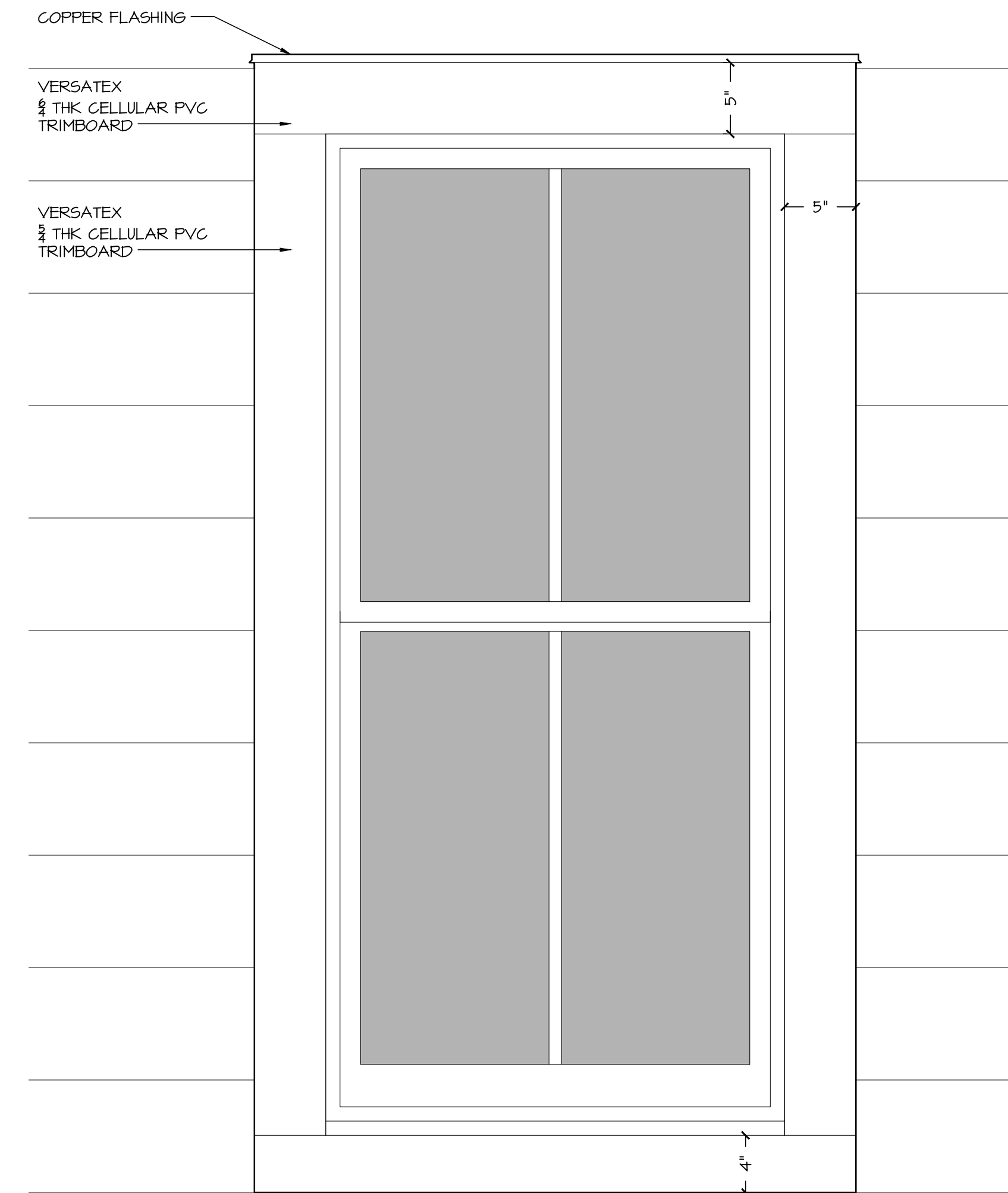
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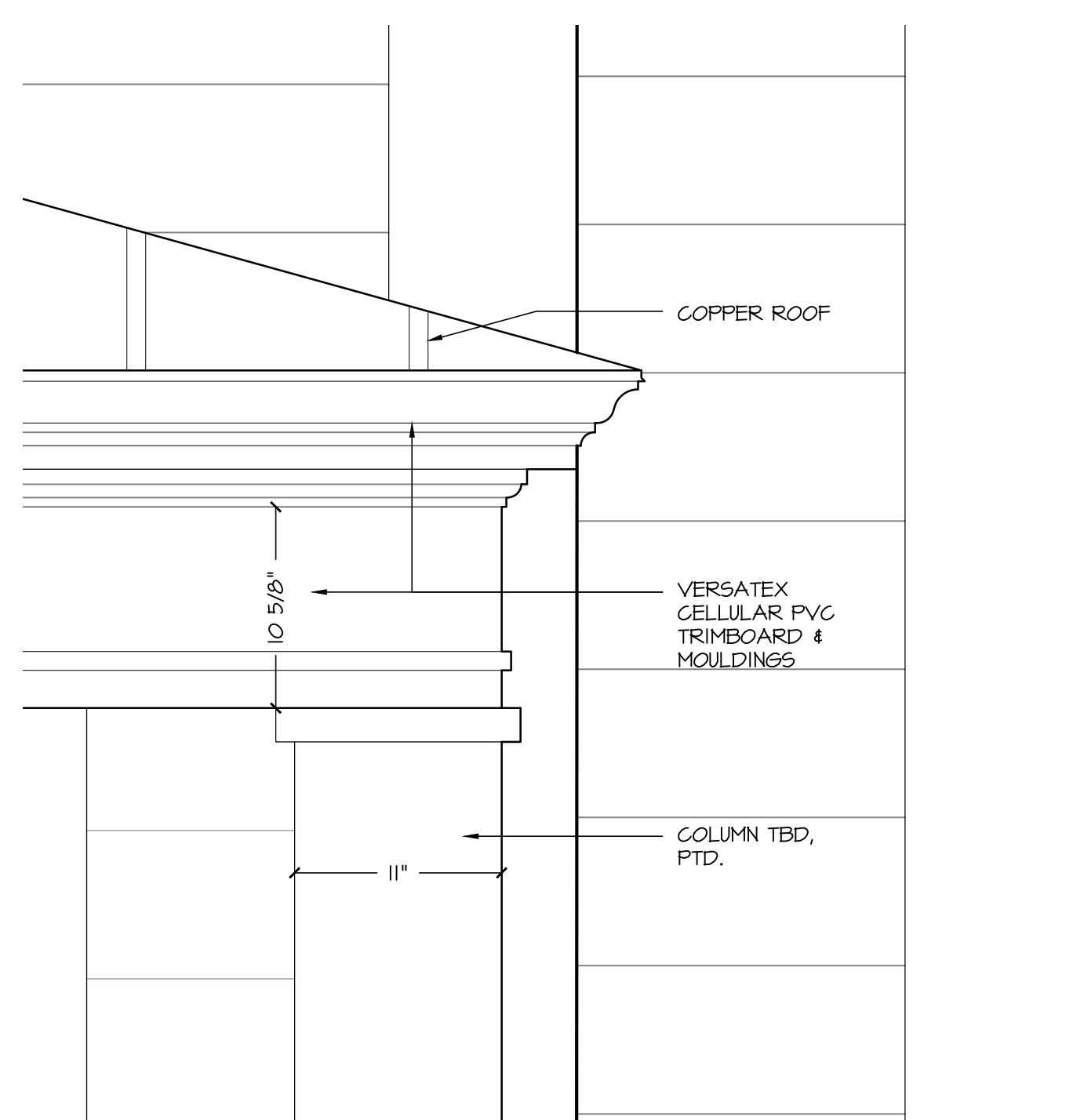
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A ENLARGED DETAIL
SCALE: 1-1/2" = 1'-0"



B ENLARGED DETAIL
SCALE: 1-1/2" = 1'-0"



C ENLARGED DETAIL: PORCH ROOF/COLUMNS
SCALE: 1-1/2" = 1'-0"

GENERAL NOTES:
 1. DO NOT SCALE DRAWINGS.
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 3. REPORT ANY DISCREPANCIES TO JP COUTURE.

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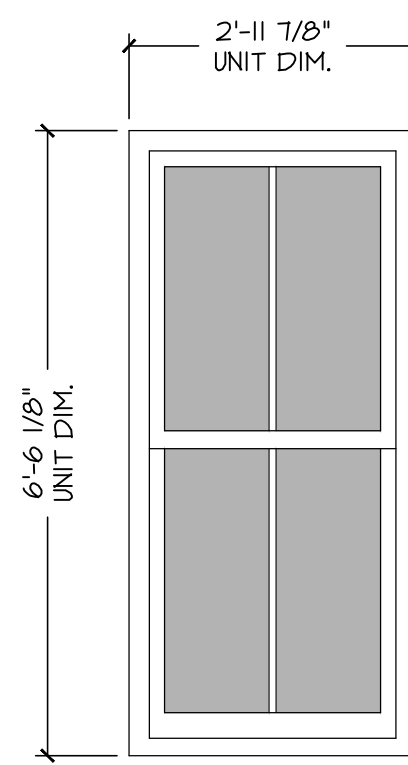
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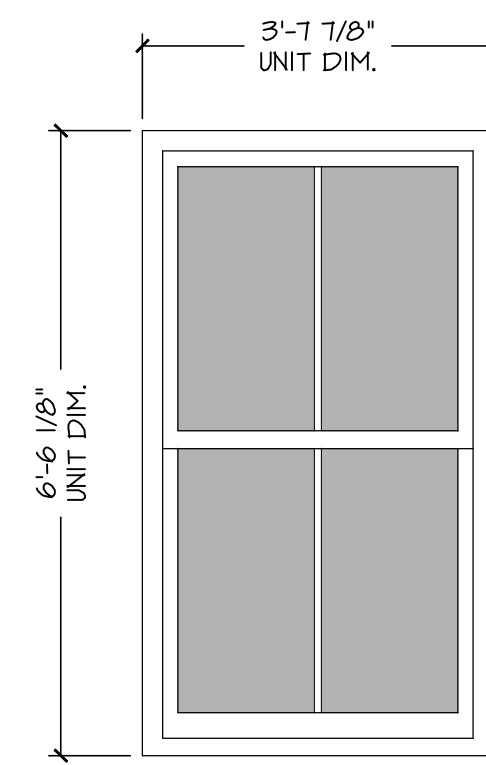
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A5.1

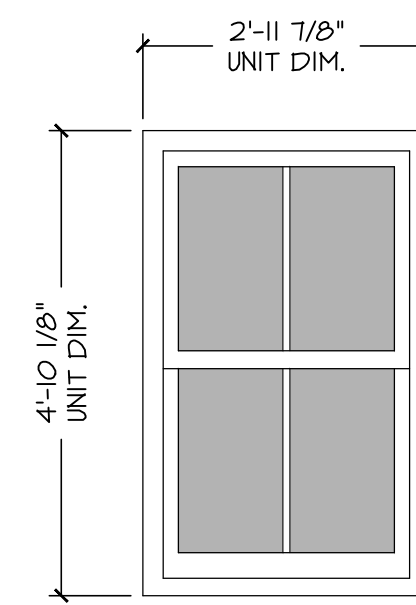
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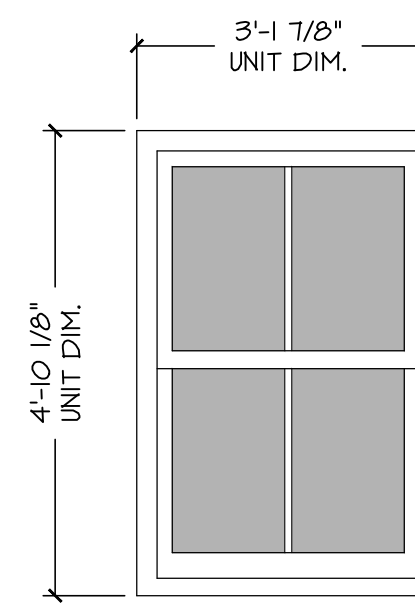
A
KOLBE
ULTRA SERIES
DOUBLE HUNG
DH2834



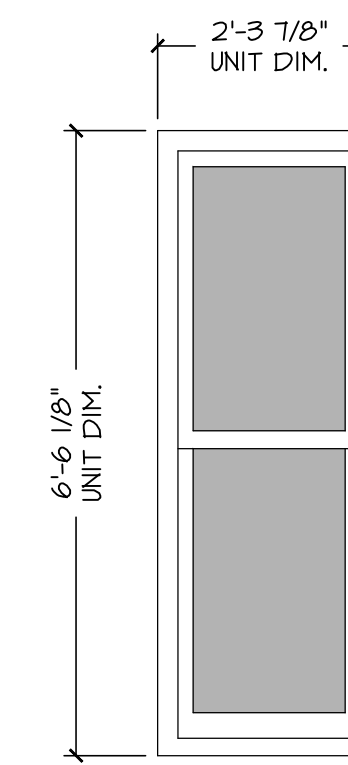
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KOLBE
ULTRA SERIES
DOUBLE HUNG
DH3634



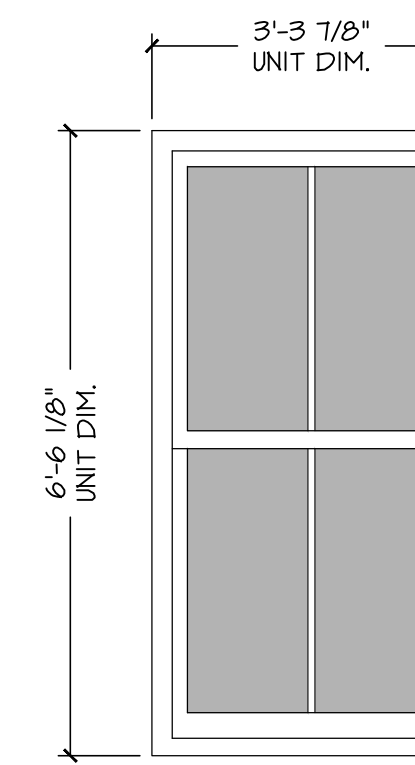
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ULTRA SERIES
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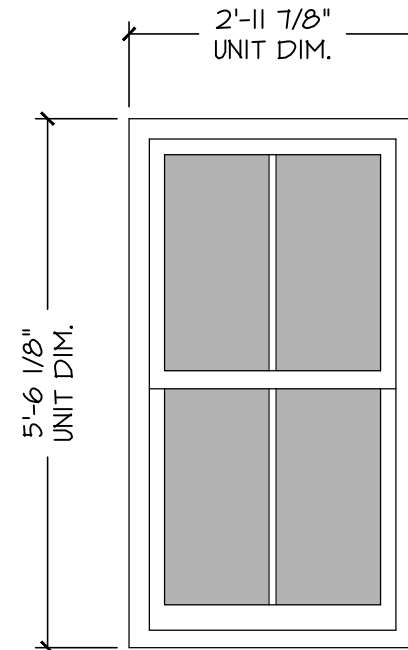
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ULTRA SERIES
DOUBLE HUNG
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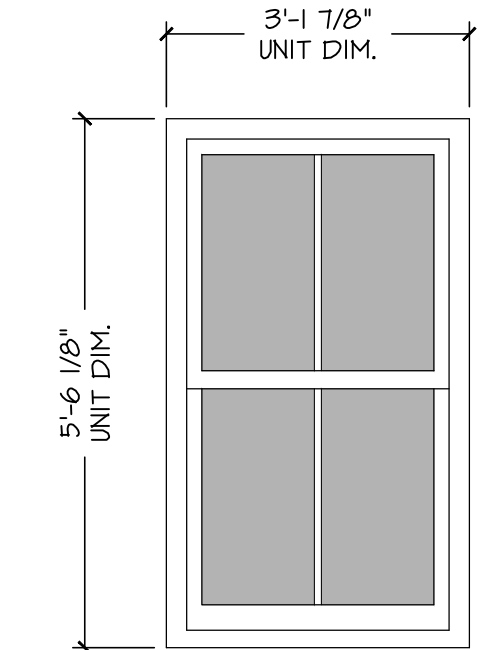
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ULTRA SERIES
DOUBLE HUNG
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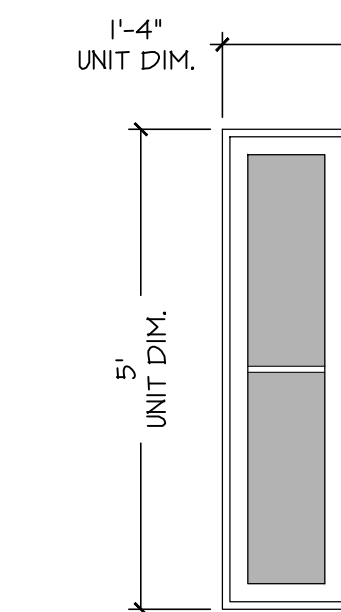
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ULTRA SERIES
DOUBLE HUNG
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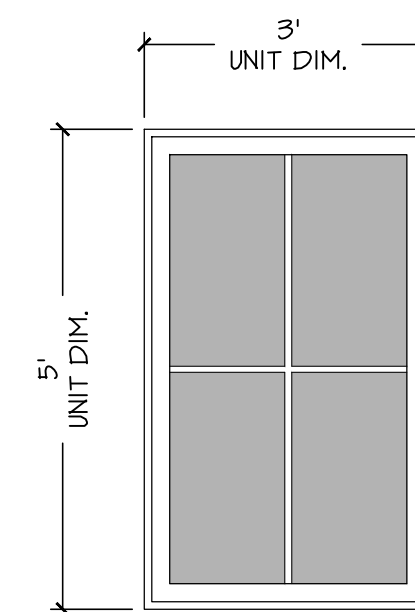
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ULTRA SERIES
DOUBLE HUNG
DH2828



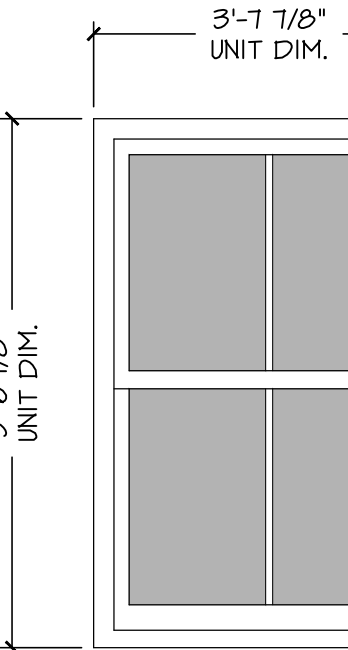
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ULTRA SERIES
DOUBLE HUNG
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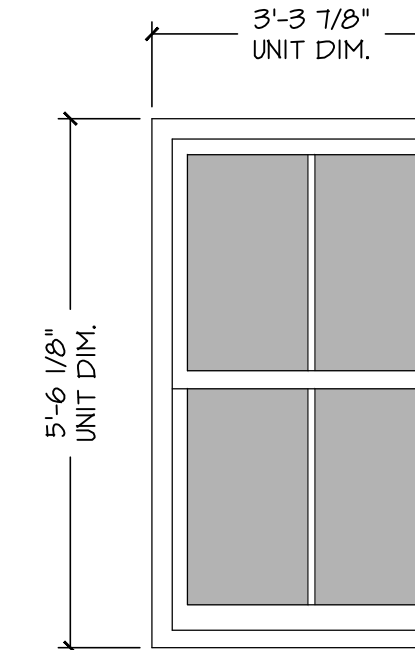
J
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ULTRA SERIES
PICTURE
KJ515



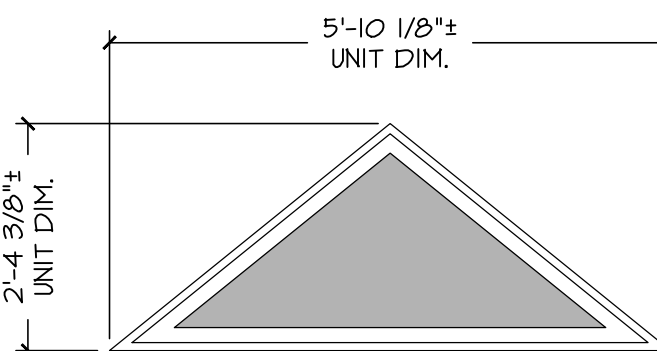
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PICTURE
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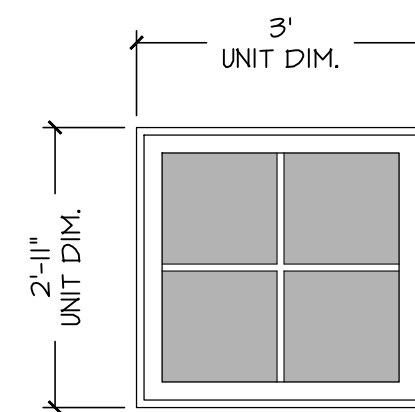
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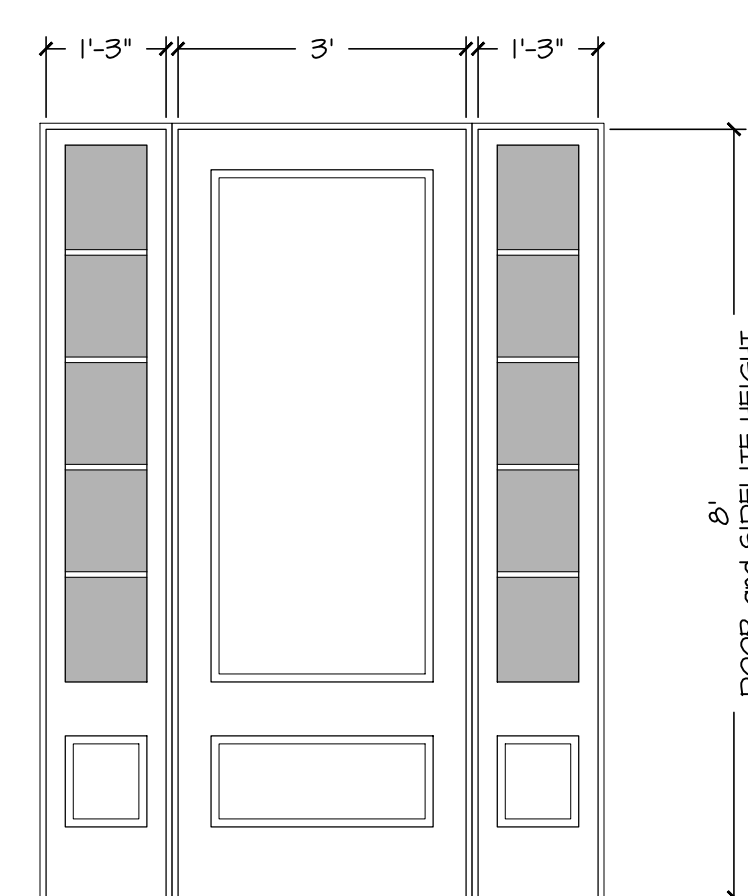
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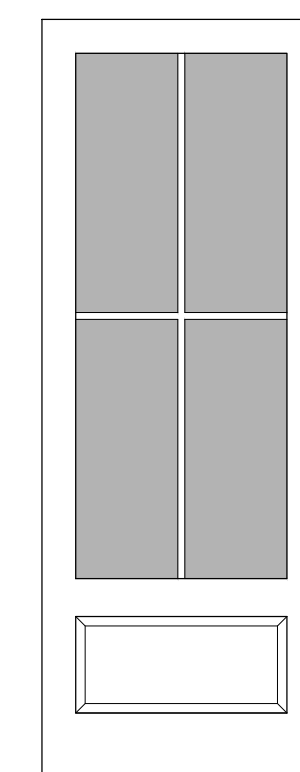
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ULTRA SERIES
PICTURE
CUSTOM



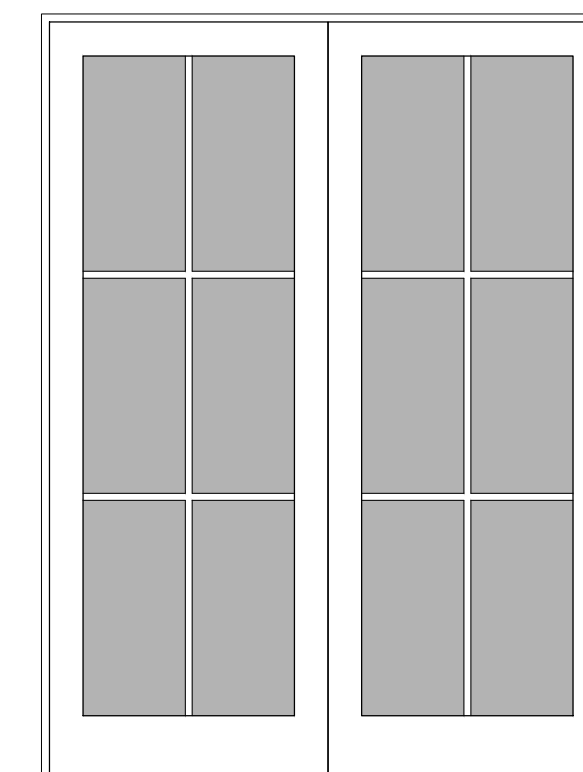
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ULTRA SERIES
AWNING
CUSTOM



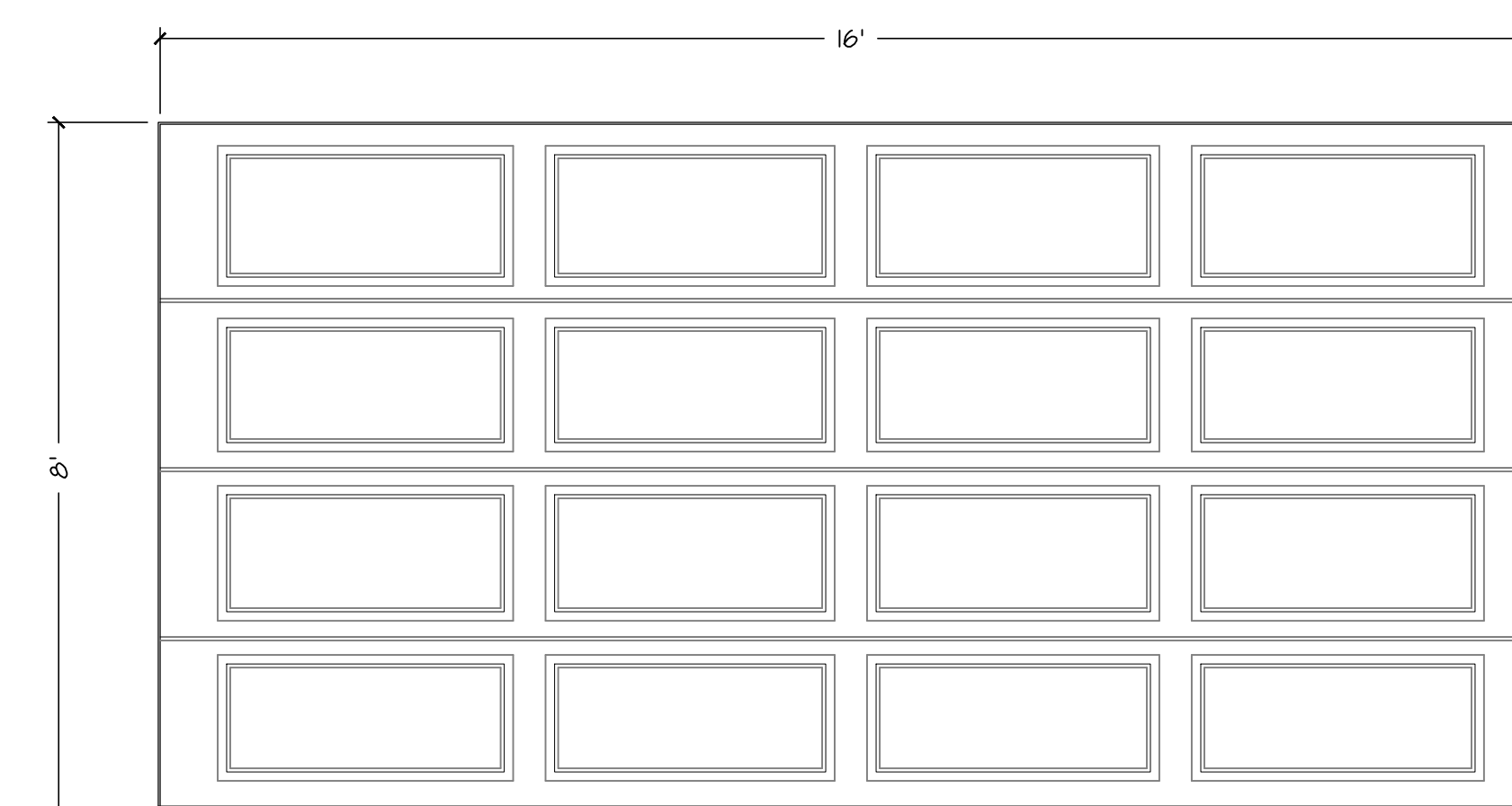
A EXTERIOR DOOR
SIMPSON - 71281
TRADITIONAL
PRIMED
FLAT PANEL W/
BEVEL STICKING
W/ SIDELIGHTS



B EXTERIOR DOOR - SIDE DOOR
SIMPSON - 31524
TRADITIONAL
SASH
PRIMED
FLAT PANEL W/
BEVEL STICKING



C EXTERIOR DOOR - FRENCH DOORS
KOLBE
ULTRA SERIES
SWINGING PATIO DOORS



D GARAGE DOOR
FAGAN DOOR
HARBOUR SERIES
BUILT FROM VERSATEX
COMPOSITE

GENERAL WINDOW NOTES:

1. CONTRACTOR TO COORDINATE W/ MANUFACTURER AND/OR SUPPLIER ALL LOCAL CODES RELATING TO DESIGN LOADS FOR WINDLOADING.
2. CONTRACTOR TO COORDINATE W/ MANUFACTURER AND/OR SUPPLIER ALL WINDOWS REQUIRED TO HAVE TEMPERED GLASS.
3. CONTRACTOR TO COORDINATE W/ MANUFACTURER AND/OR SUPPLIER ALL WINDOWS REQUIRED TO BE IMPACT RATED.
4. SHOP DRAWINGS REQUIRED FOR ARCHITECT APPROVAL.

NEW WINDOW NOTES:

1. ALL WINDOWS & DOORS SHALL BE MANUFACTURED BY KOLBE ULTRA SERIES UNLESS NOTED OTHERWISE. SUBSTITUTES MUST BE APPROVED BY ARCHITECT/OWNER.
2. WINDOWS SHALL BE WHITE ALUMINUM GLAD EXTERIOR & PRIMED PINE INTERIOR, UNLESS OTHERWISE NOTED.
3. LOW-E INSULATING GLAZINGS TO MEET IECC 2009 WITH (1/8" HDL) SIMULATED DIVIDED LIGHT W/ ALUMINUM MILL FINISH SPACER BAR UNLESS OTHERWISE NOTED.
4. PROVIDE SURFACE MOUNTED SASH LOCK HARDWARE. FINISH TBD REVIEW W/ARCHITECT.
5. WHITE JAMB LINERS, UNLESS OTHERWISE NOTED. REVIEW W/ARCHITECT.
6. GC TO SUPPLY & INSTALL JAMB EXTENSIONS. JAMBS TO BE STAIN GRADE, TYPICAL. COORDINATE W/ ARCHITECT & INTERIOR FINISHES.
7. ALL EXTERIOR CASINGS & MULL CASINGS SHALL BE 3/4x6 AZEK TRIM BD. REVIEW ALL WINDOWS & CASINGS W/ ARCHITECT PRIOR TO ORDERING.
8. LONGHORN SILL, IN LENGTHS TO RECEIVE CASINGS AS SHOWN. PROVIDE FIELD APPLIED CONTINUOUS SILL UNDER MULTIPLE UNITS WHERE SHOWN OR SCHEDULED.
9. ALL SILLS TO BE CUSTOM 2" AZEK HISTORIC SILL UNLESS NOTED OTHERWISE. REVIEW W/ARCHITECT.
10. PROVIDE COPPER PANS OR EQUAL AT ALL WINDOWS AND EXTERIOR DOORS.
11. PROVIDE FIBERGLASS BETTER VUE FULL INSECT SCREENS WHERE APPLICABLE. COLOR TO MATCH GLAD EXTERIOR.
12. STANDARD GLAZING BEAD UNLESS NOTED OTHERWISE.
13. EGRESS HARDWARE FOR CASEMENT OPERATING WINDOWS, TYP.
14. INTERIOR HARDWARE FINISH TO BE DETERMINED.

GENERAL NOTES:

1. DO NOT SCALE DRAWINGS.
2. VERIFY ALL DIMENSIONS IN FIELD.
3. REPORT ANY DISCREPANCIES TO JP COUTURE.

CUSTOM HOMES ■ RENOVATION
RESTORATION

**JP COUTURE,
ARCHITECT**

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Providence, RI 02906
Tel. 401.621.1861

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No.	Date	Revisions

6 JOHN STREET
PROVIDENCE, RHODE ISLAND

Date: MAY 18, 2022

A7.1

Project Number: