

AUTHORIZED DISTRIBUTOR OF PGA PRODUCTS

# SKY WINDOWS

## Aluminum Products

**FP111**



# FRAMED PARTITIONS





## Key Features:

- Plastic clips for easy glazing and glass dismantle (innovative patented solution)
- Surface mounted brackets allow for quick and efficient assembly process
- Integration with gypsum walls
- Accepts various infill materials such as MDF, GWB, GLASS and others up to 3/8"
- Allows for sunshades installation
- Single and double glazed partitions
- Allows for integration of single and double doors with various glazing options
- Allows for seamless integration of sliding doors
- Good acoustic performance
- Returns and free angle moldings
- Partitions height up to 11'-6" with up to 4' spans

## Product Applications:

- Easy and efficient fabrication and installation of interior partitions
- Easy fabrication and installation of office doors (solid wood core, all-glass, framed glass doors)

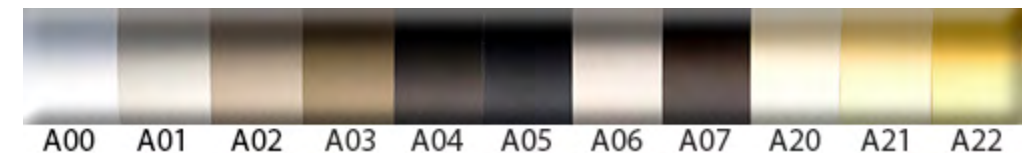
## COLOR AND FINISH GROUPS

**NOTE** – All RAL Colors from RAL K7 CLASSIC color chart <http://www.ralcolor.com/>  
Please request a sample of a specific color from PGA for accurate color pick up.  
PGA takes no responsibility for any color deviation from given reference because the colors of finished products depend solely on the coating components supplied by third parties. PGA products are painted with Swiss made coating powders by IGP.

### 0 Mill finish

**1 All RAL K7 CLASSIC colors and Anodic: A00 – Clear, A01 – Light Bronze, A03 – Bronze, A05 – Black, A06 – Beige, A07 – Brown**

**2 Anodic: A20 – Champagne, A21 – 10K Gold, A22 – 14K Gold. Powder coated: RAL 1026, 1035, 1036, 2005, 2007, 2013, 3024, 3026, 3032, 3033, 4011, 4012, 5025, 5026, 6035, 6036, 6038, 7048, 8029, 9022, 9023**



THE SAMPLES PRESENTED ON THIS PAGE ARE TO SERVE AS A REFERENCE STANDARD TO IDENTIFY THE COLOR SELECTED BY THE SPECIFIER. THE APPEARANCE OF AN ANODIZED OR POWDER COATED FINISH IS INFLUENCED BY MORE THAN DEPTH OF COLOR. OTHER FACTORS INCLUDE ALLOY, TEMPER, GLOSS AND SURFACE STRUCTURE. PROGRADE DISCLAIMS ANY RESPONSIBILITY OR LIABILITY AND MAKES NO WARRANTIES EXPRESS OR IMPLIED OF ANY KIND IN CONNECTION WITH THE MATERIAL AND INFORMATION CONTAINED HEREIN.

HOW TO USE THIS CATALOG

DRAWINGS

CLICK TO SEE  
ADDITIONAL  
INFORMATION  
OR LOCATE ITEM

CATALOG NUMBER

111.0101

Main molding

DESCRIPTION

CLICK TO  
GO BACK

123

CLICK TO  
SEE SECTION

LIMITED WARRANTY

This is to certify that PROFESSIONAL GRADE ALUMINUM, CORP (PGA) warrants to its dealers, customers and all subsequent purchasers and owners of the project incorporating PGA products, subject to every term, condition and limitation stated herein, that the products supplied by PGA shall be free from material defect in materials and workmanship for a period of one (1) year from the date of substantial completion of the project, provided however, that the limited warranty period shall begin in no event later than three (3) months from the date of shipment. This limited warranty ("Limited Warranty") applies only if PGA'S products are installed and maintained according to PGA'S recommended practices and installation instructions, and only if PGA is notified in writing within thirty (30) days after such defect either (i) appears or (ii) should have been discovered after the exercise of reasonable diligence. Failure of the claiming party to notify PGA within such period shall automatically relieve PGA of any and all responsibility and/or liability under this Limited Warranty.

**THE WARRANTIES SET FORTH IN THIS LIMITED WARRANTY AND REMEDY ARE IN LIEU OF ALL OTHER REPRESENTATIONS, WARRANTIES OR OTHER AGREEMENTS, EXPRESS OR IMPLIED, STATUTORY OR OTHERWISE, WHICH ARE HEREBY DISCLAIMED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OR CONDITION OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

This Limited Warranty does not cover, and PGA hereby disclaims all liability for the installation of PGA products, any particular application or selection of the product for any particular project or design, any parts, gaskets, glazing materials, components or sealants of other manufacturers used with PGA products, or any lack of performance of PGA'S products attributable to such items. This Limited Warranty also does not cover, and PGA hereby disclaims all liability for, any product which has been subject to abuse, alteration, neglect, misuse, abnormal use, accident, fire, war, flood, earthquakes, acts of God, or to which parts, not supplied by PGA have been added, or to defects caused by depreciation or normal wear. All decisions regarding the



existence of defects in material and workmanship and the occurrence of any of the matters described in the preceding paragraphs or affecting this Limited Warranty shall be made by PGA and shall be final and binding upon all parties.

The sole and exclusive remedy with respect to this Limited Warranty or with respect to any other claim relating to defect or any other condition or use of the products supplied by PGA, however caused, and whether such claim is based upon breach of representation, warranty, condition, contract (fundamental or otherwise), tort (including negligence), strict liability or any other theory is limited to, at PGA'S option, repair or replacement of such products or repayment by PGA of the purchase price paid for it. The remedy with respect to claims made relating to PGA fenestration and door products excludes the replacement of glass, gaskets, hardware, immediate framing, temporary enclosures or any related labor or installation costs. In no event does PGA'S warranty cover the cost of labor or sundry materials required to remove and/or replace any defective product.

The products repaired, replaced or otherwise restored shall be warranted to the same extent and to the expiration date from the original date of shipment, and this Limited Warranty shall not be deemed to have been extended from the date of such warranty work. At no time does this Limited Warranty confer upon the claiming party or any other party the right to proceed with repair, replacement or restoration, without the written notice and agreement by a duly authorized officer of PGA. Any such work undertaken by the claiming party or any other party shall be for the claiming party's own account and shall result in this Limited Warranty becoming null and void.

**PGA'S AGGREGATE TOTAL CUMULATIVE LIABILITY UNDER THIS LIMITED WARRANTY IS LIMITED TO THE DOLLAR AMOUNT OF THE PURCHASER'S ORIGINAL PAYMENT MADE TO PGA FOR PRODUCT FURNISHED BY PGA. IN CONSIDERATION OF THIS LIMITED WARRANTY, PGA SHALL NOT BE LIABLE FOR SPECIAL DIRECT, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND, INCLUDING BUT NOT LIMITED TO LOSS OF USE, LOSS OF PROFITS OR GOODWILL, DAMAGES FOR NEGLIGENCE IN THE MANUFACTURE, DESIGN OR INSTALLATION OF THE PRODUCT, OR OTHER COMMERCIAL LOSS OR INJURY.**

This is the only warranty made in connection with the sale and distribution of the PGA products. No representative, dealer or any other person is authorized to make or makes any warranty, representation or promise with respect to the PGA products. No terms or conditions other than those stated herein, and no agreement or understanding, oral or written, in any way purporting to modify this warranty shall be binding on PGA unless made in writing and signed by a duly authorized officer of PGA.

Laws and building and safety codes governing the design and use of glaze entrance, window and curtain wall products vary widely. PGA does not control the selection of product configurations, operating hardware or glazing materials, and assumes no responsibility therefor.

## OTHER TERMS AND CONDITIONS

**DETERMINATION OF PRICE:** Prices shown do not include Provincial Sales Tax or Goods & Services Tax or any other tax or government charge upon the production, sale or shipment of material which is effective within the life of the sales contract, all of which will be paid by the customer. All prices are subject to change without notice, and are not guaranteed against change. Inventory adjustments will not be made. Stenographic and clerical errors made by PGA on an acknowledgement or invoice shall be subject to correction.

**NOTE:** In the event that a discrepancy arises between the index and the body of the price catalog, the information contained in the body of the catalog will take precedence.

**PRICE PROTECTION:** In the event of a price decrease, unshipped orders, with the exception of special sales contracts covered by a lot or job estimates, will be invoiced at the new and lower prices. In the event of a price increase, orders on hand will be invoiced at the prices in effect when the orders were received, provided, however, those shipments are made at PGA'S convenience thereafter. PGA quotations on specific jobs made in writing by PGA are valid (or firm) for thirty (30) days.

**ACCEPTANCE OF ORDERS:** All orders are subject to approval and acceptance by a duly authorized representative of PGA.

The acceptance of orders constitutes a complete and binding contract which cannot be modified or canceled without written consent of both parties, except that all orders are accepted subject to delays caused by strikes, fires or any other causes (including those set out in the section "Force Majeure" below) beyond the control of PGA. All orders are accepted subject to governmental regulation on material usage, whenever applicable.

**MINIMUM ORDER SIZE:** Will depend on product and minimal quantity will be advised at the time of quotation.

**PAYMENT:** PGA stated payment terms are COD, unless otherwise approved in writing by a duly authorized representative of PGA. Early payment discounts are available. Please contact PGA for additional information.

**CREDIT CARD PAYMENT (U.S. Customers Only):** PGA will accept credit card payments. Credit Card invoices are paid in advance upon acceptance of invoice. Early payment discounts are available with credit card payments. Please contact PGA for additional information.

**FREIGHT CHARGES AND RISK OF LOSS:** Unless stated otherwise, all items are shipped F.O.B. PGA manufacturing facility.

**CLAIMS:** No claims due to errors, shortages or rejection because of defects or defective materials ascertainable on visual inspection will be considered unless reported to PGA within ten (10) days after receipt of shipment. Claims for damages resulting from delays or use of defective materials will not be honored.

**DELIVERY:** Orders should include complete shipping instructions. PGA reserves the right to ship as it deems advisable unless specific instructions are given. PGA will use

reasonable efforts to meet delivery dates but such dates are deemed approximate and PGA shall be allowed a reasonable variance from all such dates.

**FORCE MAJEURE:** PGA shall not be liable for delays or inability to perform due to strikes, labor disputes, lockouts, fire, flood, war, declared or undeclared, insurrections, riots, acts of God, embargoes by foreign nations, inability to obtain or unusual delay in obtaining materials, shortages of power needed to operate PGA facilities, governmental regulations or priorities, or any other cause beyond the control of PGA. In case of any delays in receipt or shortages of materials or shortages of power needed to operate PGA facilities, PGA reserves the right in its sole discretion to determine the assignment of materials, and the order of priority in filling orders. PGA also reserves the right in its sole discretion to cancel order by written notice in the event PGA believes that by reason of the foregoing it will not be able to meet the scheduled completion date.

**INDEMNIFICATION:** Customer is solely responsible for proper selection and installation of PGA products as well as the incorporation of PGA products into other products (if this is applicable). Customer agrees that it will use PGA products only for their intended uses and according to specifications and limitations established by PGA from time to time. Customer shall indemnify and hold PGA harmless from and against any and all damages arising out of or relating to improper selection, application, use or incorporation of products or abuse of products.

Laws and building and safety codes governing the design and use of glazed entrance, window and curtain wall products vary widely. PGA does not control the selection of product configurations, operating hardware or glazing materials, and assumes no responsibility therefor. It is the responsibility of the customer to determine at the time of order entry or revision, whether PGA material and products meet any federal, state, provincial and /or local law interpretation and regulations, including those relating to building construction, safety and to the Americans with Disabilities Act of 1990 and any other similar federal, state, provincial or local statutes.



**ORDER CANCELLATION AND CHANGE CHARGES:** In the event a customer changes an order or cancels or partially cancels an order that has already been accepted by PGA, PGA may assess a charge to the customer for costs incurred in performance of that portion of the order that has been changed or cancelled up to and until the time PGA receives notice of the change or cancellation.

Customer orders for special materials (those not described in the effective price book), or for products fabricated specifically to customer's dimensions or other specifications, or where special materials or services are procured by PGA for use on customer's order, or where drafting or take-off services have been performed, will be subject to charges for cancellation or change for those costs incurred in performance of that portion of the order that has been cancelled or changed up to and until the time PGA receives notice of the change or cancellation.

**BALANCE DUE MATERIALS:** Any portion of an order not included in an original shipment because of shortage of stock or other cause beyond PGA'S control will be invoiced at the same price and on the same terms as if included in the original shipment.

**INSTALLATION:** PGA hereby disclaims all liability for, and is not responsible or liable for, any damages or costs that may result from improper installation of its products. It is the responsibility of the customer purchasing a PGA product to ensure that the PGA product is installed properly and in accordance with PGA'S printed instructions. This responsibility is retained by customer even though the product may be resold for installation by a third party. PGA will not be liable for damages and costs that result from improper installation of PGA products, regardless of who actually performs the installation.

**SAMPLES:** Samples are available at cost (net). Standard samples are shipped from PGA's headquarters located at: **701 39TH Street Brooklyn, NY 11232.**

**SPECIAL LENGTH CHARGES:** For special length painted material requirements, consult with a PGA officer for pricing.

**DOORS AND WINDOWS:** PGA offers furnished to order products as well as a full range of components for doors and windows. Please contact PGA for a quote for finished product as well as assembly components.

**HARDWARE:** PGA uses only premium European hardware by DR. HAHN, FAPIM, SAVIO, ICSA, GIESSE. PGA normally doesn't install custom hardware, however depending on quantity this might be applicable to some orders. Please contact PGA for more information. Please contact PGA for more information.

**EQUIPMENT AND TOOLS:** Any equipment or tools for aluminum profiles processing manufactured by third parties and supplied by PGA are covered by respective manufacturer's warranty.

**SHOP DRAWINGS:** PGA products may be detailed by PGA to confirm specifications. In such cases, drawings will be submitted to the customer for approval. PGA will fabricate in accordance with dimensions and specifications shown on the customer approved drawings but will take no responsibility for failure of the customer to check drawings against job site conditions or for any other purpose. Special entrances cannot be scheduled for production until the approved detail, with the customer's signature, has been received, and all special hardware is in PGA'S possession. Changes made to any drawing after approval of details by customer may involve additional charges on the order.

**GOVERNING LAW:** The sale of PGA products hereunder with shipping addresses located in the United States shall be governed by the laws of New York State, excluding its laws related to choice or conflicts of law.

**ILLUSTRATIONS:** The illustrations within this catalog are for part identification only, and do not indicate size or proportions by comparison.

**ENTIRE AGREEMENT:** The Limited Warranty and Remedy and Other Terms and Conditions set forth the entire agreement between the customer and PGA relating to the sale of PGA'S products to customer.

## **FREIGHT CLAIM PROCEDURE GUIDE**

**INTRODUCTION:** PGA strives to ship its product on safe, cost-effective carriers who understand the challenges of handling architectural aluminum products. Due to the typical order size of our shipments, much of our product ships via the LTL or Less-than-Truckload system. Although our order sizes warrant LTL shipping, our product's dimensions and finishes do not. PGA ships its product under FOB Origin freight terms. The transfer of ownership of the freight takes place at the origin (shipping point or PGA facility). Based upon those shipping terms, the freight is owned by the customer while it is in transit from PGA to its destination, regardless of freight payment terms (Prepaid or Collect). PGA makes every effort possible to assist with loss and damage freight claims for our customers, but it is the responsibility of freight owner to file any freight claims that occur while it is in transit. The following information is provided to assist our customers with the freight claims process.

**LESS-THAN-TRUCKLOAD DEFINED:** Less-than-Truckload carriage is characterized as multiple shipments consolidated into a single system that will be sorted and transported through a terminal network and relay points for delivery to multiple destinations. These establishments are generally characterized by the following network activities: local pickup, local terminal operations (sorting), line-haul (terminal to terminal), destination terminal operations (sorting), and local delivery. Freight can experience the sorting or cross-docking process at several terminal locations prior to reaching its destination terminal. The majority of freight damage occurs in this multiple-handling process. A Less-than-Truckload shipment is one which does not completely fill a truck or which weighs less than the weight required for the application of a full truckload freight rate. The historical definition for LTL freight is shipments under 10,000 pounds and not exceeding 28 linear feet of a trailer, but would differ from carrier to carrier.

**LESS-THAN TRUCKLOAD PRICING:** Generally, LTL freight rates are dependent upon weight, distance, freight classification and freight discounts. LTL carriers classify freight based upon the guidelines of the National Motor Freight Traffic Association (NMFTA).



The Classification is a system that catalogues and equitably groups all commodities moving in commerce into 18 classes (classes 50 through 500) according to their "transportability," as reflected by the four composite transportation characteristics prescribed by the ICC and the Department of Transportation's Surface Transportation Board. These characteristics are as follows: 1) density; 2) stow ability; 3) ease or difficulty in handling; and 4) liability. These freight classes establish equitable relationships between commodities and allow for fair pricing guidelines. The volume of freight a shipper has to offer affects price discounts as well. PGA has freight rate contracts with many carriers, and we apply that discount to your shipment when possible. PGA'S stock lengths fall under the Aluminum group. The classification of our 22'-4" aluminum extrusions falls under Aluminum: Lineal Shapes or Molding with a NMFC freight class of 60. Our assembled doors and windows ship under a NMFC freight class of 100 and our unassembled door frames ship under a NMFC freight class of 100. Our hardware and rubber weather strip/gasket both fall under a NMFC freight class of 70.

**RECEIPT OF FREIGHT:** It is extremely important that you take the time to receive your shipment properly. You should be receiving a PGA Packing List with each shipment. The Packing List allows you to effectively check your material into your facility, as it is unloaded. Visually inspect the condition of the freight while it is on the trailer. Any noticeable packaging damage should be addressed with the carrier's agent or driver and noted on the Bills of Lading (or Delivery Receipt) signed by both you and the driver. It is highly recommended that each and every customer invest in a digital camera to take pictures of the damage while it is still on the carrier's trailer. Photographs of the freight's condition immediately upon arrival to your facility greatly enhance the validity of the claim and expedite the process.

Following the visual inspection of the freight on the trailer, unload the freight. Prior to the driver leaving the dock, check your shipment carefully to see that it is in good order and all accounted for. Check for signs of damage that were concealed while on the carrier's trailer. Under NMFC rules, officially you do not have the right to open the packaging prior to signing for the freight (Delivery Receipt). It has not officially been

released to you. Some carriers may use this against you when filing a claim. So with the driver present and with his consent, open and inspect any damaged packaging and check for concealed damage to the material. You may wish to call the carrier terminal prior to doing this to get official direction in this inspection process. Write a precise description of the missing or damaged freight on both the carrier's copy and your copy of the Delivery Receipt. Based upon the PGA'S terms of sale, the customer owns the freight while it is in transit. A carrier's driver may suggest that you simply refuse the shipment if it contains damage. Based on the freight terms, you own this material, and refusing it will cause more complications between you and the carrier. Do not refuse a PGA shipment due to the FOB terms of sale, otherwise the carrier will be calling you with regard to additional handling and service fees.

**SHIPMENT SHORTAGE/LOSS:** If you feel part of your shipment is missing, verify the quantities against what is indicated on your Delivery Receipt and Packing List. Write a precise description of the shortage on both your copy and the carrier's copy, signed by both you and the driver. Make sure to have the following information available for the call:

- Freight Bill Number
- Billing Date on the Delivery Receipt
- Name of the Shipper
- Name of the Consignee
- Number of total pieces and missing pieces
- Weight of the shipment
- Delivery Date
- Precise description of the missing items
- Any part number, box number, or serial number listed on the missing piece(s)
- Any additional information to assist the carrier in locating the material (size, shape, color, etc)

**VISIBLE DAMAGE:** If the packaging of your shipment contains visible damage, take pictures and ask driver to make note of damaged packaging. Ask the driver to inspect

the material with you as you open the packaging. Again, write a precise description of the damaged freight on both the carrier's copy and your copy of the Delivery Receipt.

**CONCEALED DAMAGE:** If later you determine that there was freight damage to your material, report it to the carrier by calling them immediately. Reporting freight damage must be done within fifteen (15) days, but doing so immediately will reduce the impression that you caused the damage while the material was in your possession. Ask for an inspection of the material by a representative of the carrier. While you wait for an inspection, make every attempt to leave the material as it was when you first discovered the concealed damage or loss. A representative of the carrier will discuss the damage and loss with you over the phone and determine whether or not a formal inspection and written report will be required. An inspector may be dispatched to your facility, or the inspection will be waived and you may be asked to do an inspection yourself. Keep a written statement documenting the inspection. Many carriers have a Waiver of Inspection that allows you to document your own inspection of the material. It is not a claim form, and should not be considered acceptance of a claim.

**CLAIM DEFINED:** A claim is a written demand for payment by the owner of a shipment to the carrier for loss or damage occurring during transit. A carrier is required to acknowledge a claim within thirty (30) days. A claim and its supporting documentation is required to be filed within nine (9) months of delivery or expected delivery. According to the NMFC, all submitted claims must be acknowledged by the carrier with thirty (30) days. They must rule (pay, refuse to pay, or pending) on a claim within one hundred and twenty (120) days. If pending, they must provide an update every sixty (60) days regarding the status of the claim and the reason for failure to resolve claim. Most claims are settled (not necessarily paid) within 30 days.

**CLAIMS PROCESSING:** Lost or damaged material occurs during the shipping process. Carriers are responsible for any lost or damaged goods that arrive at your facility, and claims obviously affect the financial well being of the carrier. They have highly trained

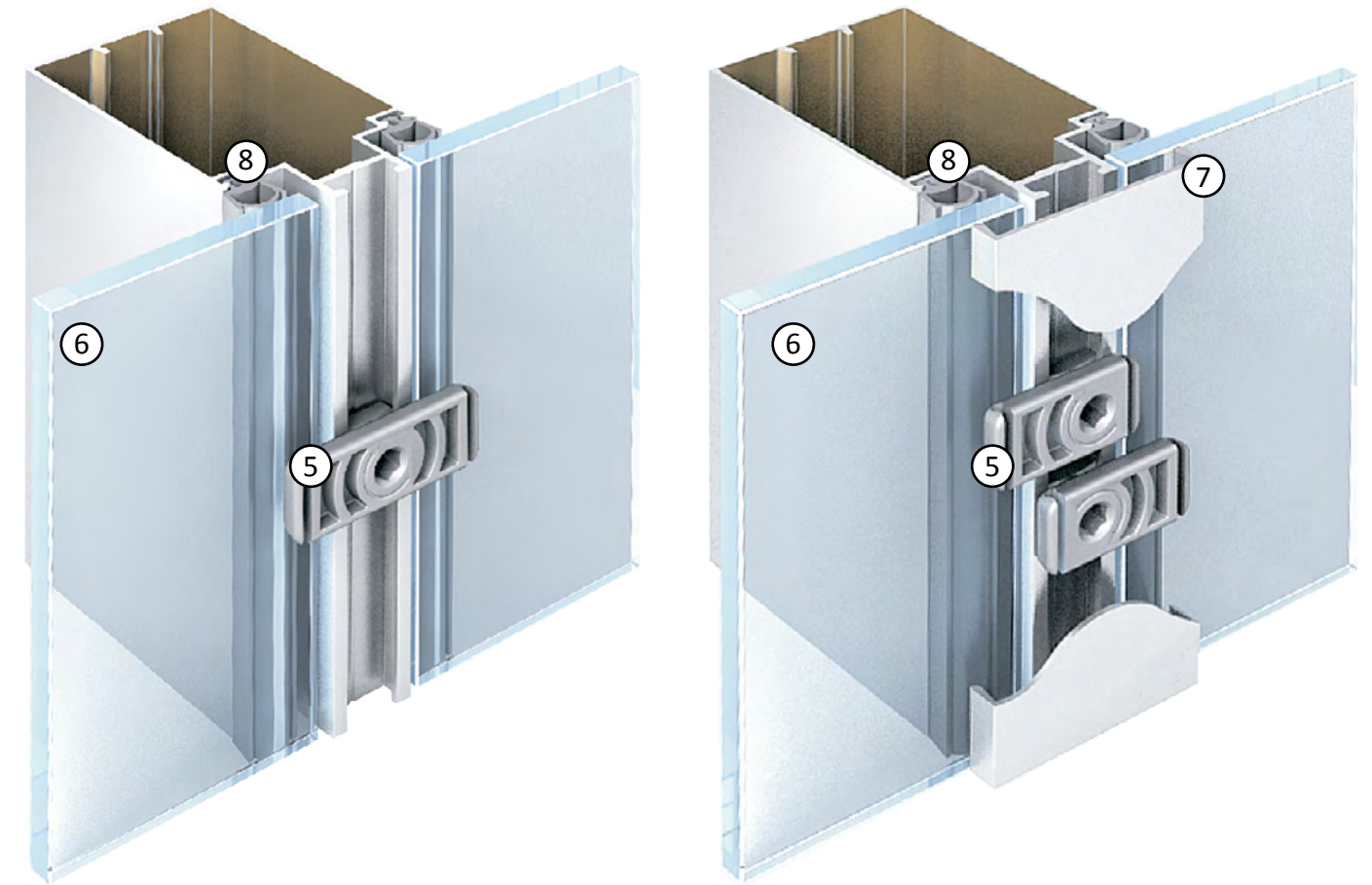
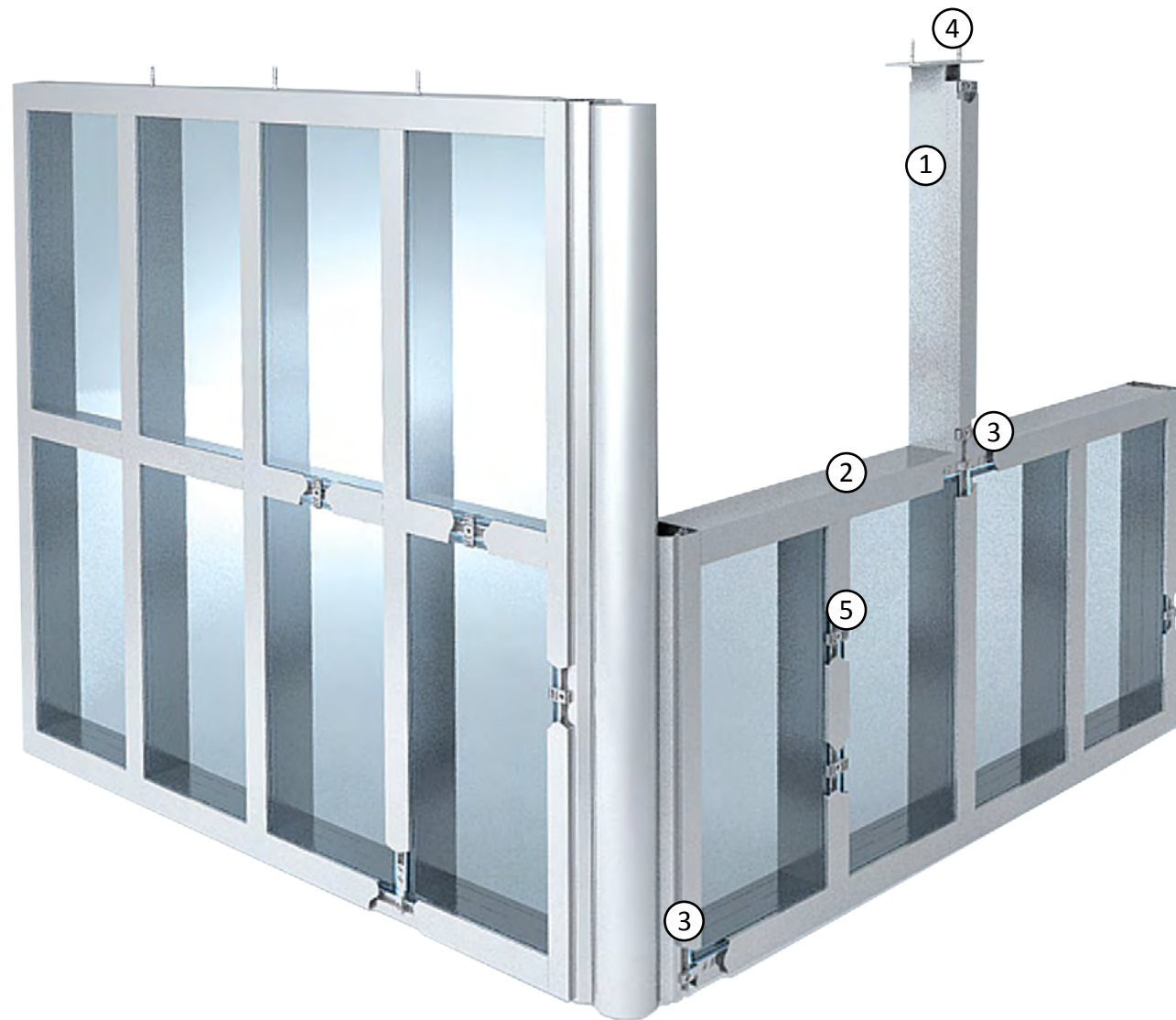
claims processors that know the ins and outs of freight damage loopholes. Carriers will make every effort possible to create a basis to deny a freight claim. Claim forms can be found on carrier websites. Carriers can also send you a blank claim form via facsimile. A specific form is not mandatory. Either way, the following information must accompany the freight claim:

- The Vendor invoice for the goods shipped [price paid (after discounts, deductions, etc.)]
- A copy of the Freight Bill Invoice from the carrier
- A copy of the Bill of Lading
- Detailed repair invoices (if damaged goods have been repaired)
- An inspection report of the damaged goods (either done by a carrier representative or one performed by you – Waiver of Inspection, Concealed Loss Report, etc.)

The claim should be submitted and all communication with the carrier regarding the claim should be documented. Make copies of all documents sent to the carrier.

**NOTE: Products illustrated in this catalog are part of standard systems available from PGA. We have the option to work on any custom product requested by the client. Prices need to be discussed at time of ordering. Our engineers possess unique knowledge on special applications of PGA products and integration of products by third parties into PGA systems. If you need more information regarding utilizing of system components please contact Professional Grade Aluminum for further assistance.**





1. Vertical molding
2. Horizontal molding
3. Bracket
4. Post mounting plate
5. Glass clip
6. Glass
7. Beauty cap
8. Gasket

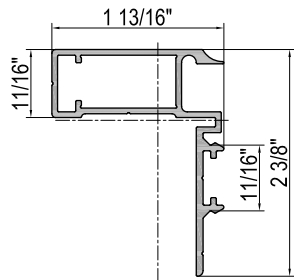
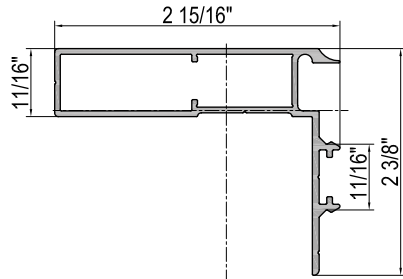
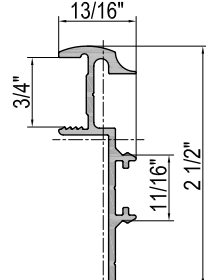
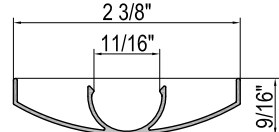
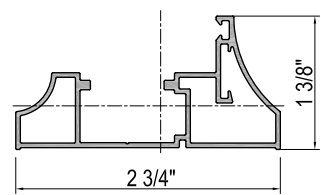
SYSTEM EXTRUSIONS 20'-4" FULL LENGTH

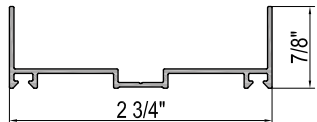
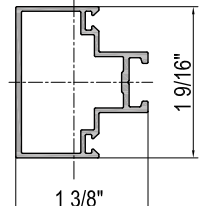
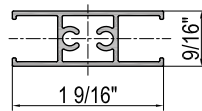
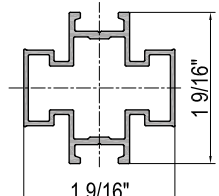
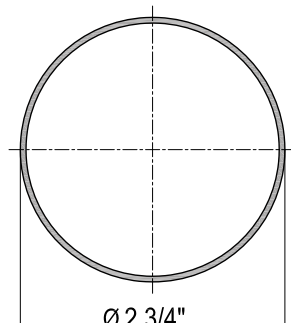
NOT TRUE SIZE  
SCALE 1 : 2

Drawing	Catalog number/ Description
	111.0101
	Main molding
	111.0102
	Top or bottom molding
	111.0103
	Main molding. Double glazing
	111.0104
	Top or bottom molding. Double glazing
	111.0105
	Door molding. Single glazing

Drawing	Catalog number/ Description
	111.0106
	Door molding. Double glazing
	111.0107
	Door frame molding
	111.0108
	Transition molding
	111.0109
	Transition molding
	111.0110
	Opening trim molding



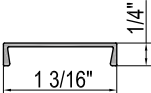
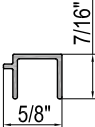
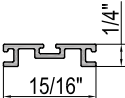
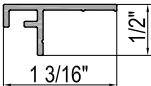
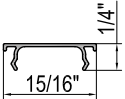
Drawing	Catalog number/ Description
	111.0111
	Opening trim molding
	111.0112
	Opening trim molding
	111.0113
	Opening trim molding
	111.0114
	Opening trim molding
	111.0115
	Door frame molding

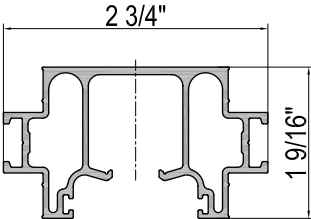
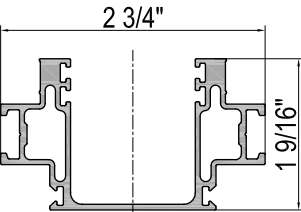
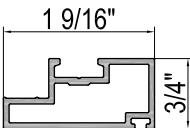
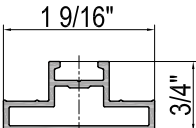
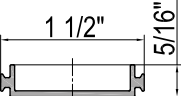
Drawing	Catalog number/ Description
	111.0116
	Auxiliary molding
	111.0201
	Recessed main molding
	111.0202
	Door divider molding 13'-9"
	111.0203
	Door divider molding 13'-9"
	111.0301
	Tubular molding for use with 111.0302 and 111.0303

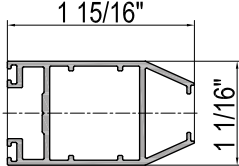
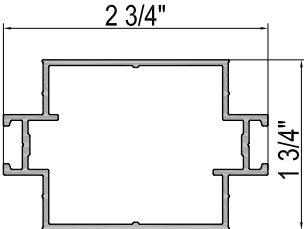
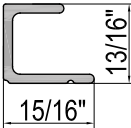
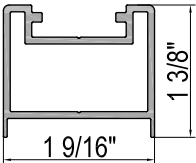
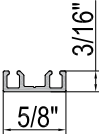
Drawing	Catalog number/ Description
	111.0302
	90-180 degree molding. Single glazing
	111.0303
	90-180 degree molding. Double glazing
	111.0304
	90 degree molding. Single glazing
	111.0305
	90 degree molding. Double glazing

Drawing	Catalog number/ Description
	111.0306
	T-junction molding
	111.0401
	Bracket 9'-10"
	111.0402
	Bracket 9'-10"
	111.0501
	Cover cap











Drawing	Catalog number/ Description
	111.0502
	Cover cap
	111.0503
	Main molding adaptor
	111.0601
	Weatherstripping holder for aluminum doors 13'-9"
	111.0602
	Double door adaptor molding 14'-9"
	111.0605
	Snap in cover







Drawing	Catalog number/ Description
	111.0701
	Sliding door top track
	111.0702
	Sliding door bottom track
	111.0703
	Pocket frame molding
	111.0704
	Pocket frame divider molding
	111.0705
	Side molding

Drawing	Catalog number/ Description
	111.0706
	Sliding door molding
	111.0707
	Sliding door transom moldings
	111.0708
	Sliding door jamb spacer molding
	111.0709
	Pocket frame beauty cap
	C48.0628
	Solid wood door weather stripping holder

RUBBER GASKETS

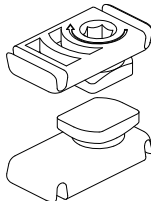
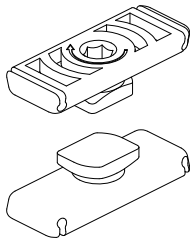

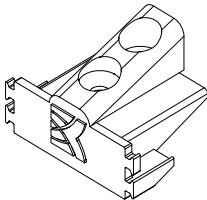
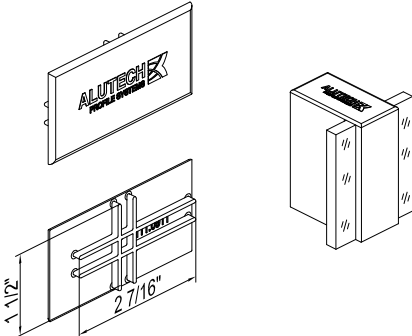
NOT TRUE SIZE  
SCALE 1 : 2

Drawing	Catalog number/ Description
	FRK02
	Gasket 656'
	FRK07
	Gasket 656'
	FRK34
	Gasket 656'
	FRK35
	Gasket 656'
	FRK57
	Gasket 1,312'
	FRK58
	Gasket 1,312'
	FRK59
	Gasket 984'
	FRK60
	Gasket 1,148'

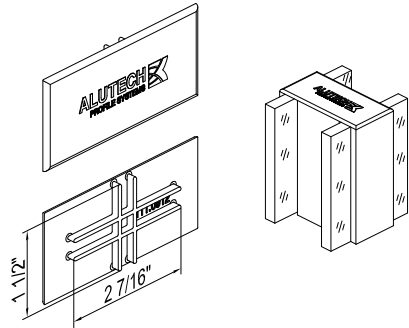
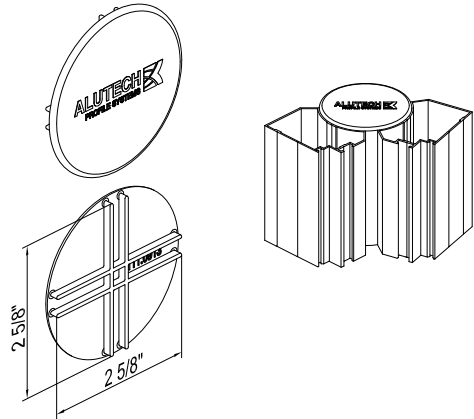
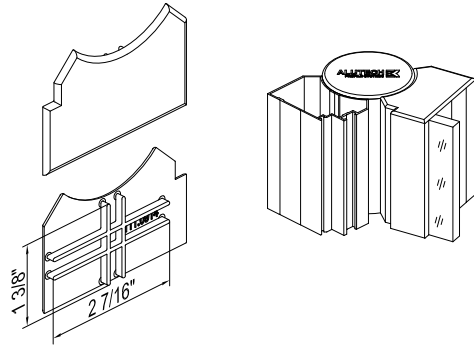
Drawing	Catalog number/ Description
	FRK61
	Gasket 1,148'
	FRK95
	Gasket 656'
	FRK104
	Sliding door edge gasket 328'
	SK10.134BLK
	Solid wood doors weather stripping 3,280'
	47X50
	Sliding door weather stripping 1,640'
	PB048.0750-FP
	Aluminum door weather stripping 3,280'

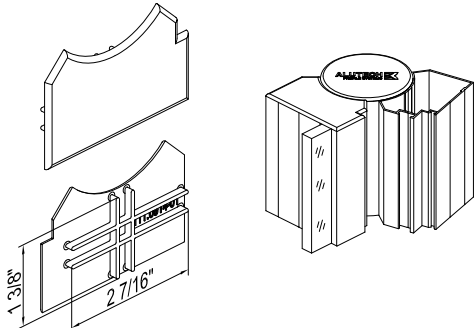
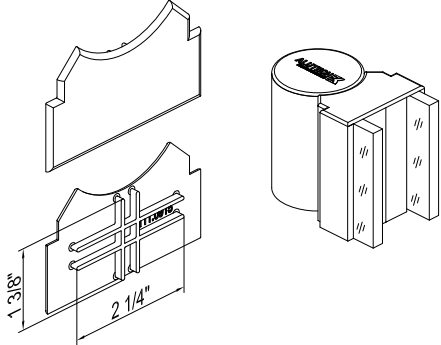
PLASTIC COMPONENTS

NOT TRUE SIZE

Drawing	Catalog number/ Description
	111.0901
	Single glass clip 100 pcs
	111.0902
	Dual glass clip 100 pcs
	111.0903
	Screw plug 200 pcs
	111.0904
	Sliding door header plug
	111.0911
	End cap 30 pcs



Drawing	Catalog number/ Description
	111.0912
	End cap 30 pcs
	111.0913
	End cap 30 pcs
	111.0914
	End cap 30 pcs

Drawing	Catalog number/ Description
	111.0914-01
	End cap 30 pcs
	111.0915
	End cap 30 pcs

SHIMS

NOT TRUE SIZE

Drawing	Catalog number/ Description
	110.0901
	Glass shim 200 pcs
	110.0902
	Glass shim 200 pcs
	110.0903
	Glass shim 200 pcs
	110.0905
	Glass shim 200 pcs

BRACKETS, PLATES, CORNER KEYS

NOT TRUE SIZE

Drawing	Catalog number/ Description
	111.0951
	Dual bracket
	111.0952
	Single Bracket
	111.0953
	Heavy duty bracket
	111.0954
	Post mounting plate
	111.0955
	Post mounting plate

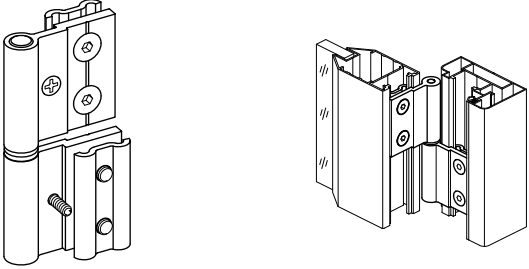
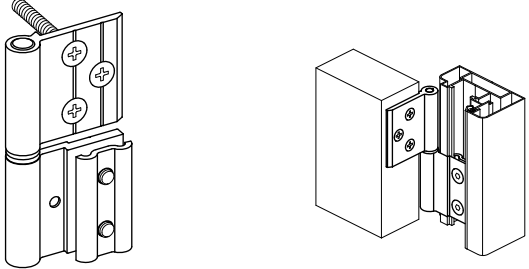
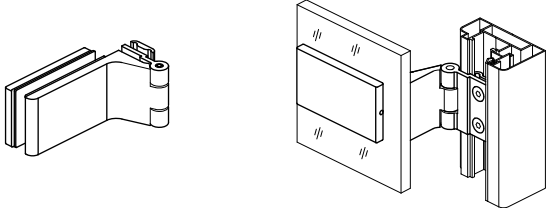
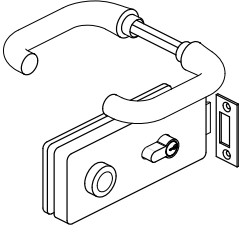
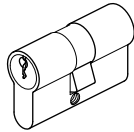
Drawing	Catalog number/ Description
	111.0957
	Sliding door post mounting plate
	W62.0957
	Corner connector
	MST0348
	Corner connector
	MON0406
	Corner connector
	MST0311
	Corner connector

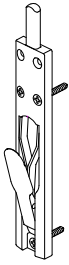
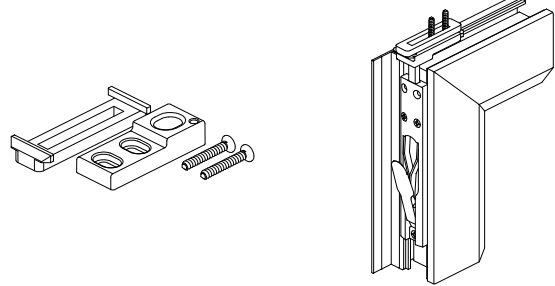
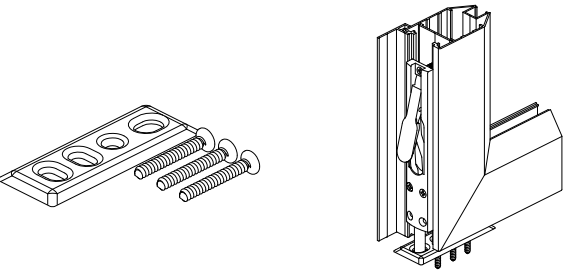
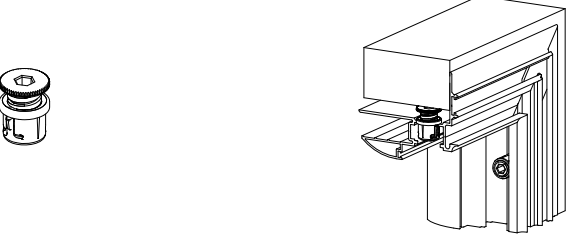
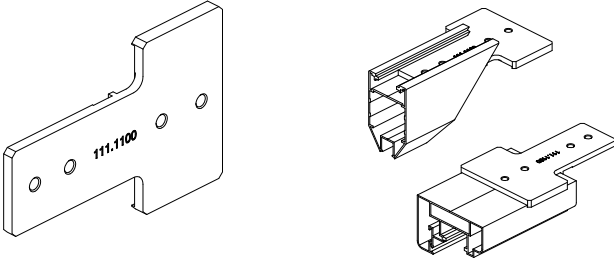
Drawing	Catalog number/ Description
	MON0373
	Corner connector
	MON0436
	Corner connector
	0419/250
	Sliding door corner connector

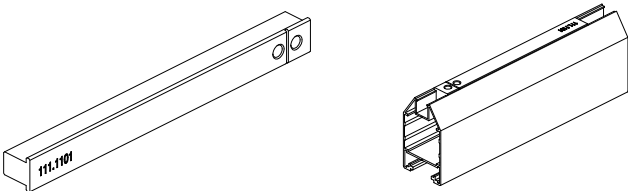
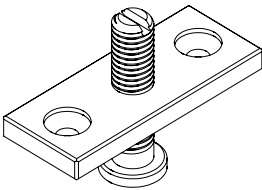
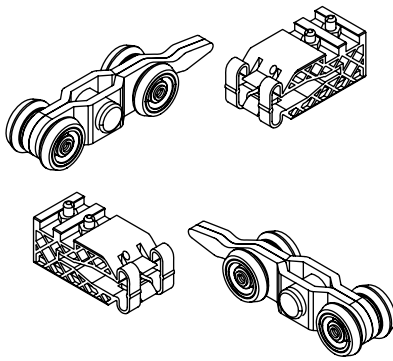
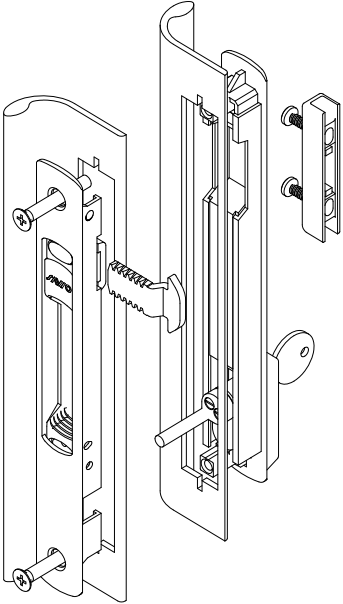


ACCESSORIES

NOT TRUE SIZE

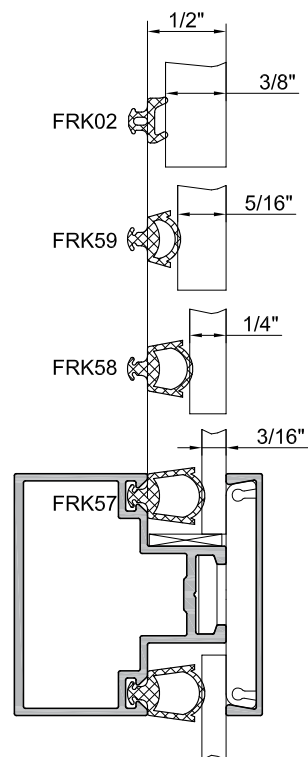
Drawing	Catalog number/ Description
	111.1001
	Door hinge
	111.1002
	Door hinge
	111.1003
	Door hinge
	111.1004
	Door lock with handle and strike plate
	5063.00
	Cylinder 35/35

Drawing	Catalog number/ Description
	3062.00
	Latch
	3012.00
	Top latch strike plate
	3009.00
	Bottom latch strike plate
	06501
	Anchor screw
	111.1100
	Template

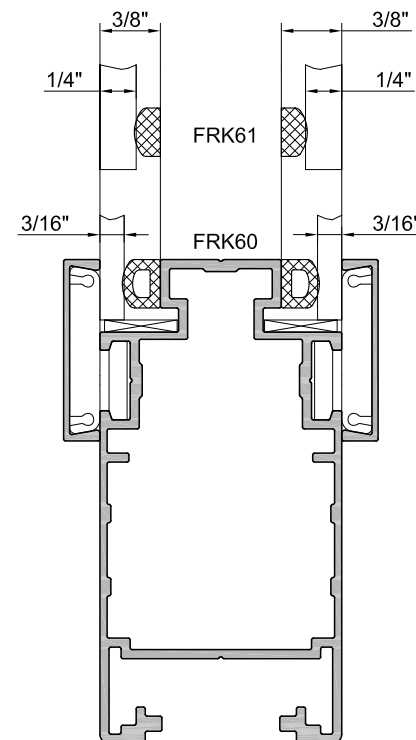
Drawing	Catalog number/ Description
	111.1101
	Template
	111.0750
	Roller mounting kit
	R460
	Sliding door rollers
	111SL
	Sliding door lock with handle (White, Gray, Clear anodized)

## GLAZING OPTIONS

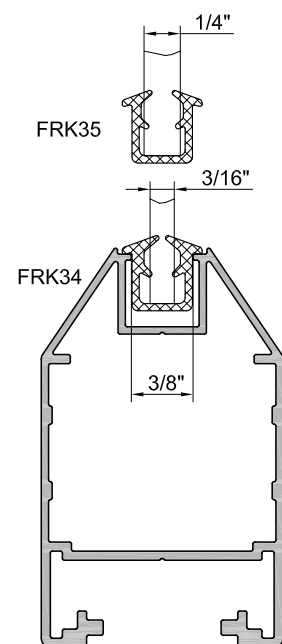
Partition



Door with double glazing



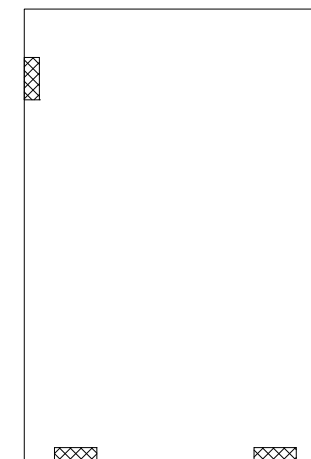
Door with single glazing



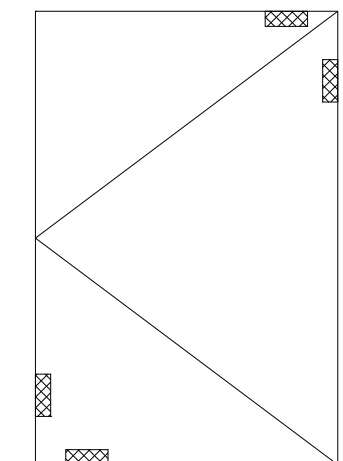
Caution: All gaskets are covered with silicone based lube.  
Avoid contact with sandblasted glass.

## Glass shims installation guide

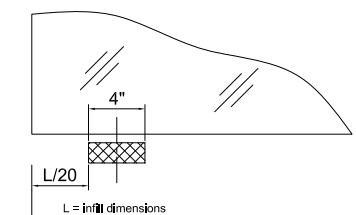
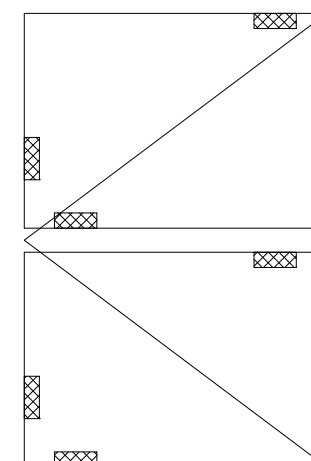
Partition



Swing door with double glazing



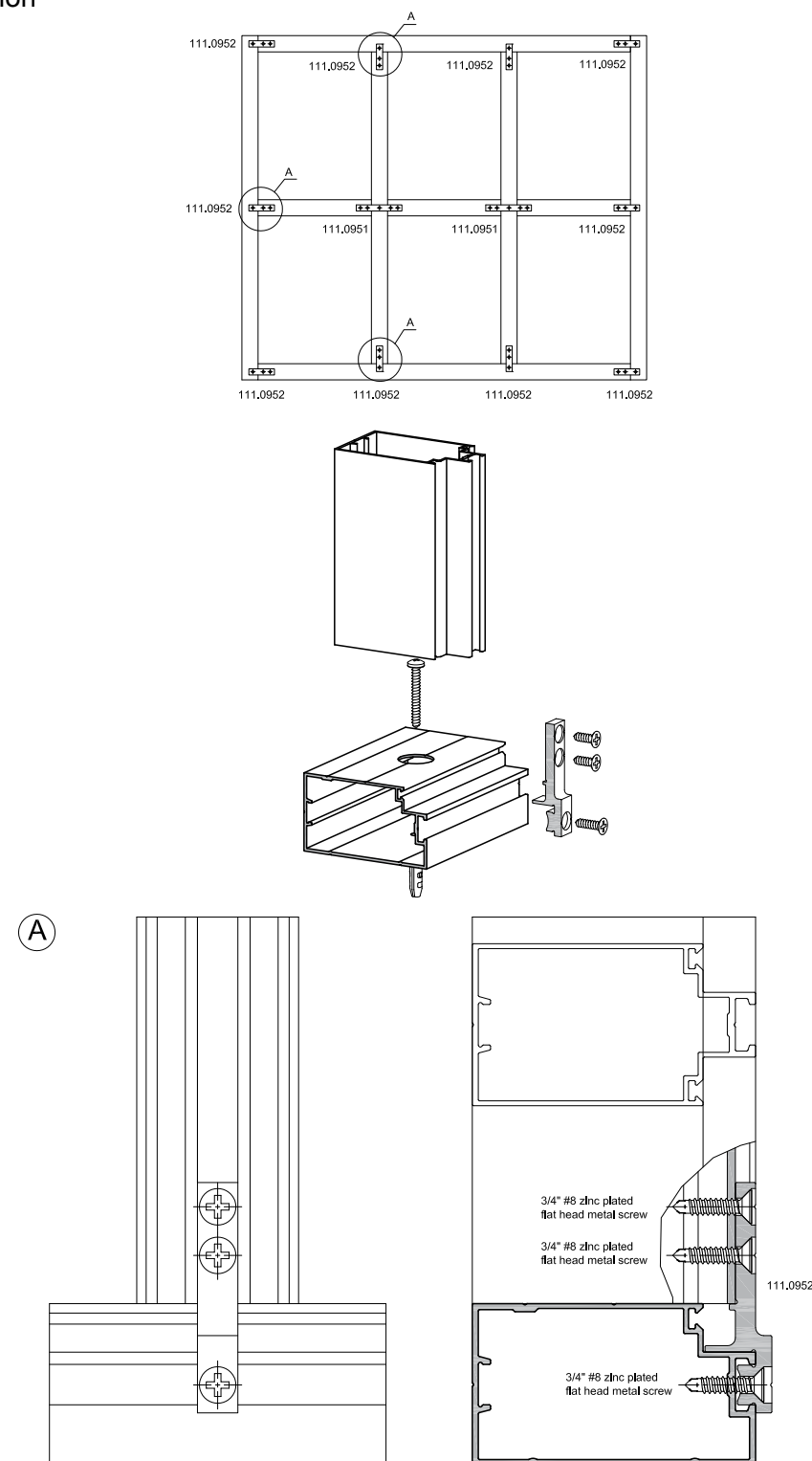
Swing door with double glazing with divider



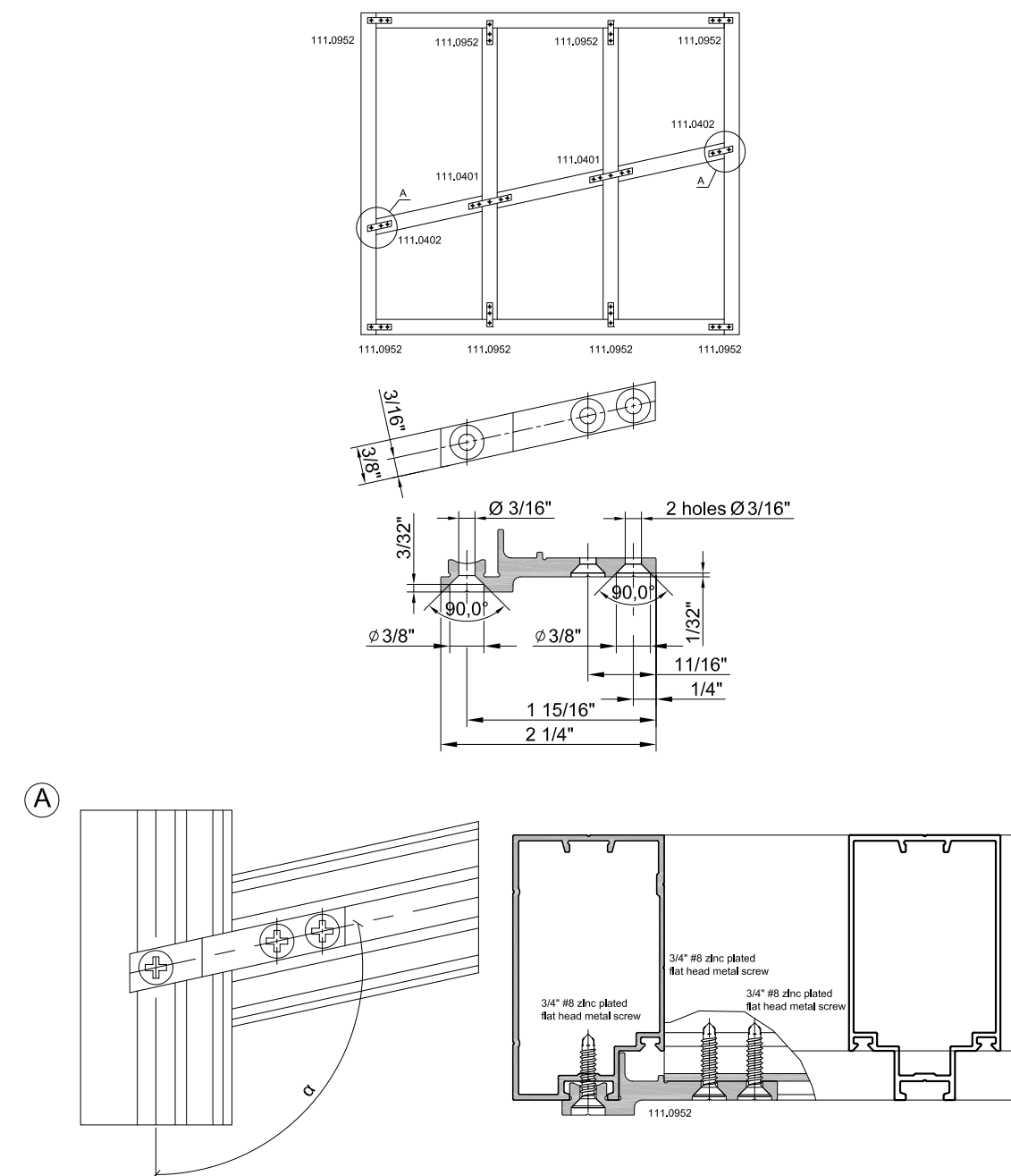


## TYPICAL ASSEMBLY INSTRUCTIONS

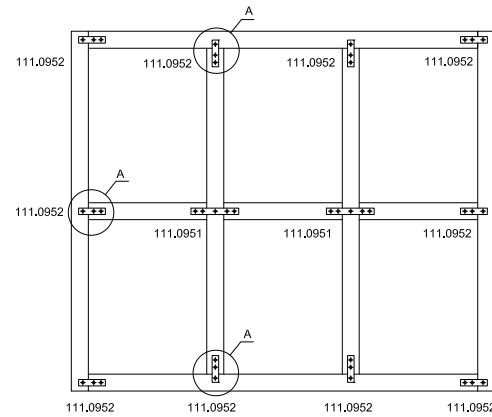
Single glazed partition



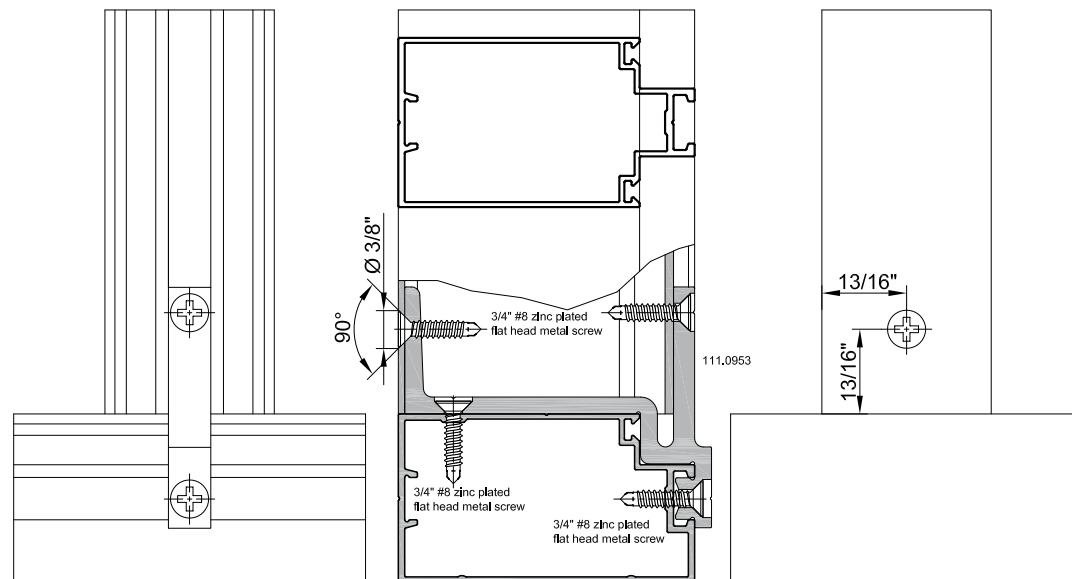
Single glazed partition



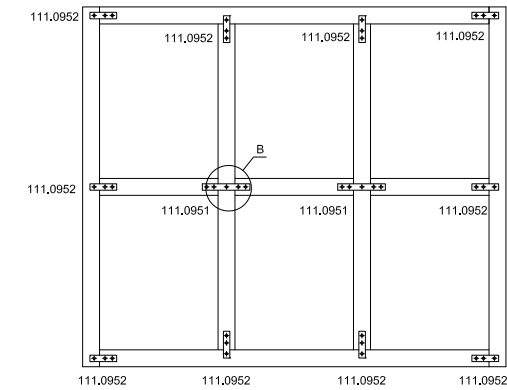
Single glazed partition



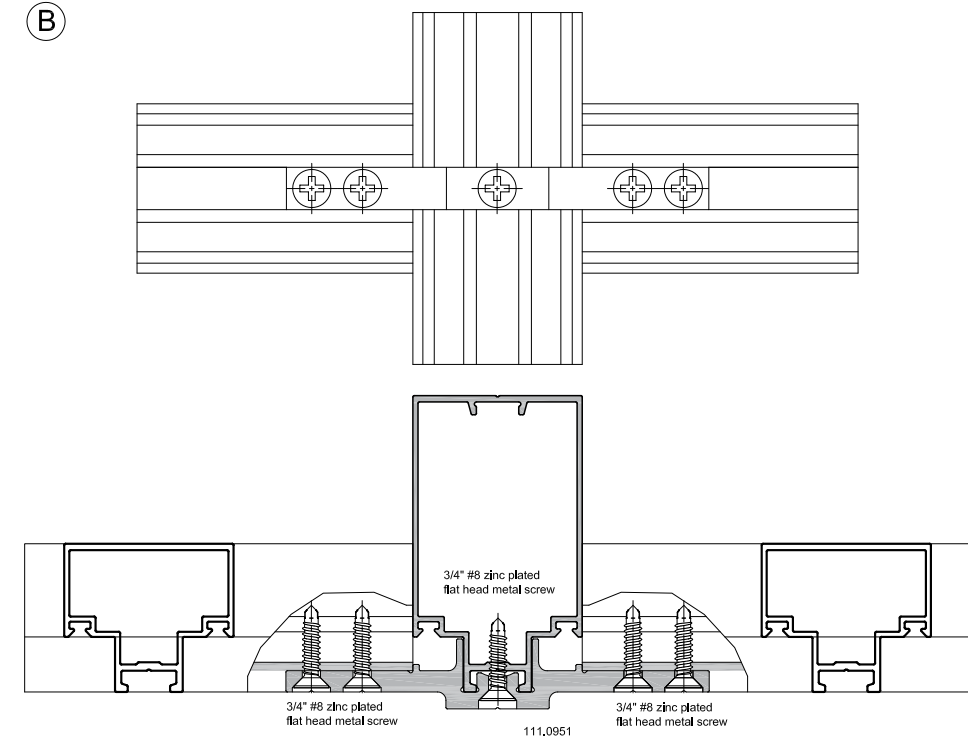
A optional



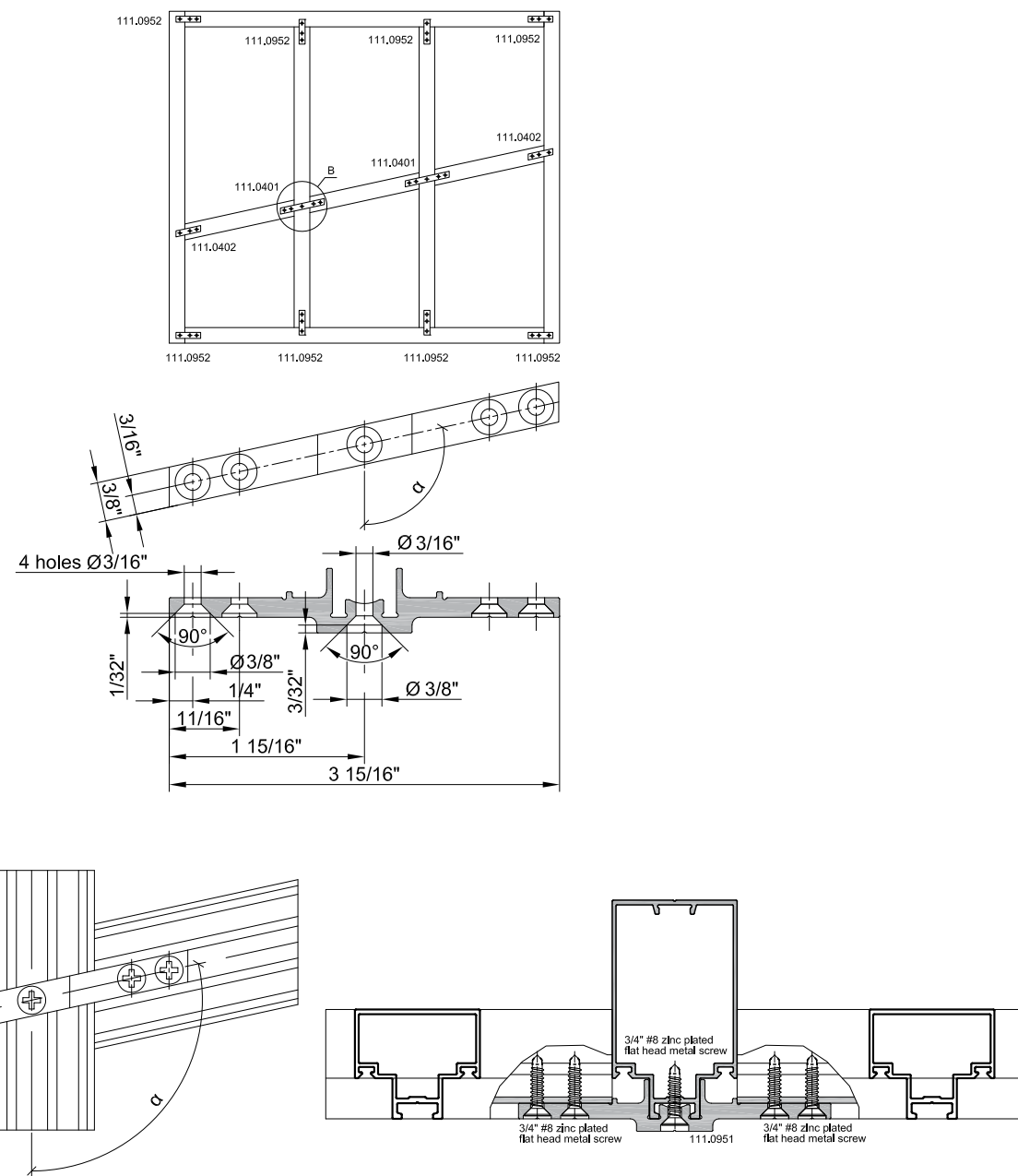
Single glazed partition



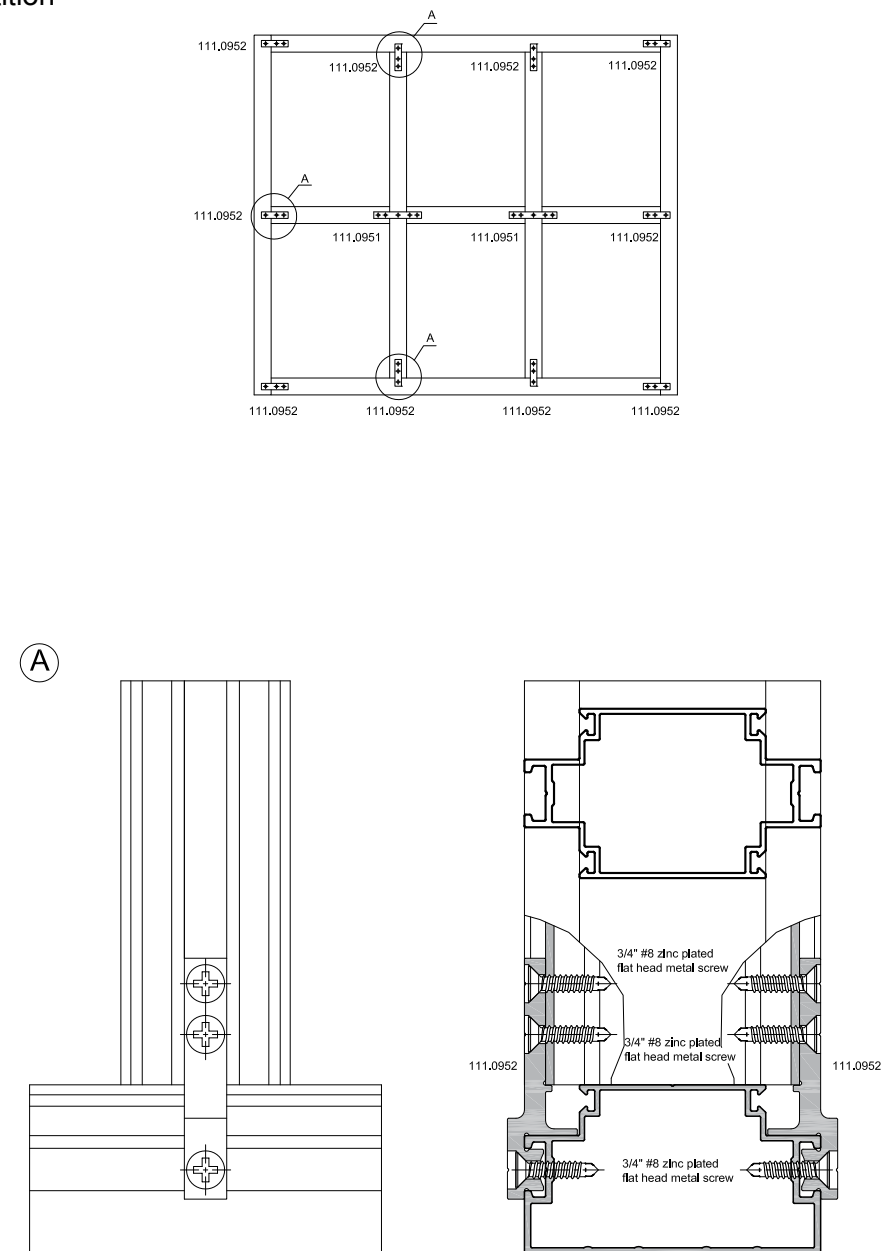
B



Single glazed partition

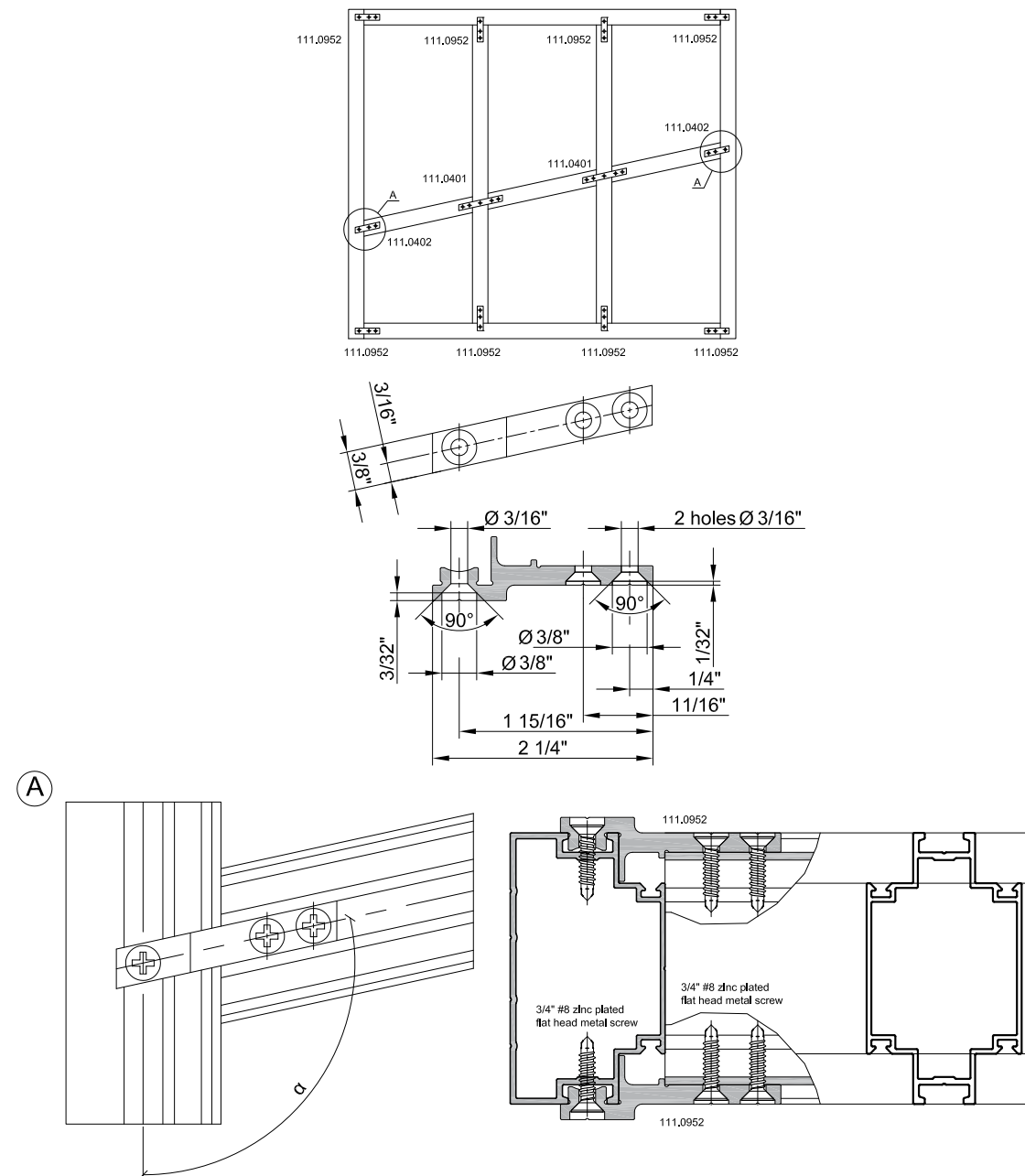


Double glazed partition

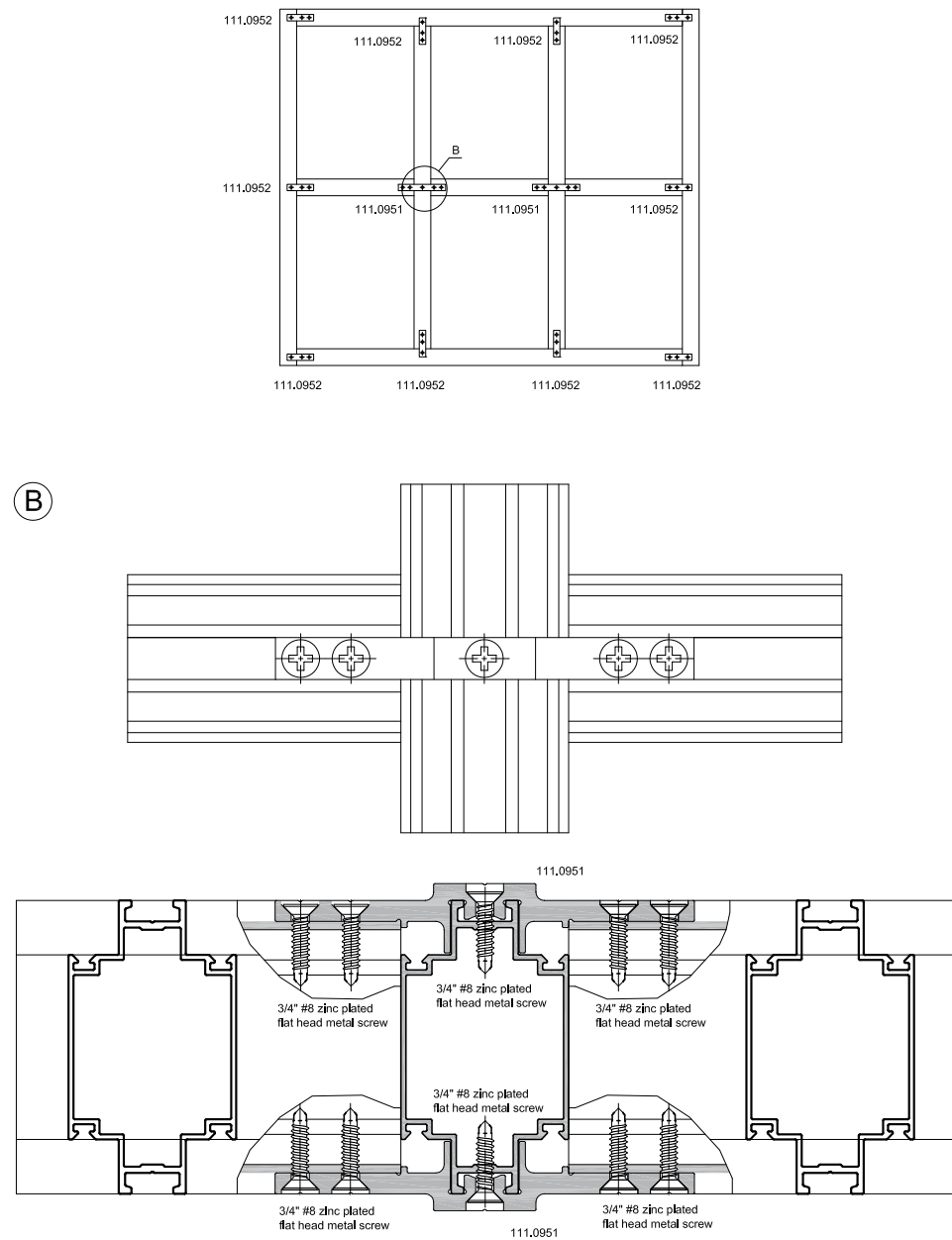




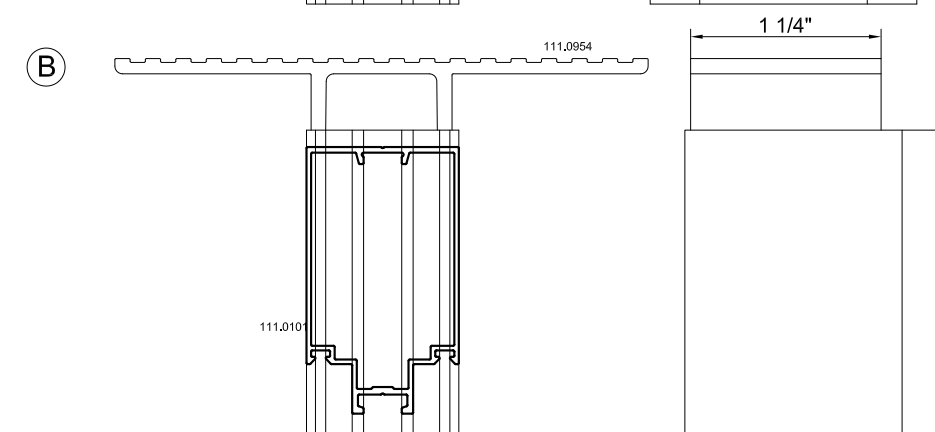
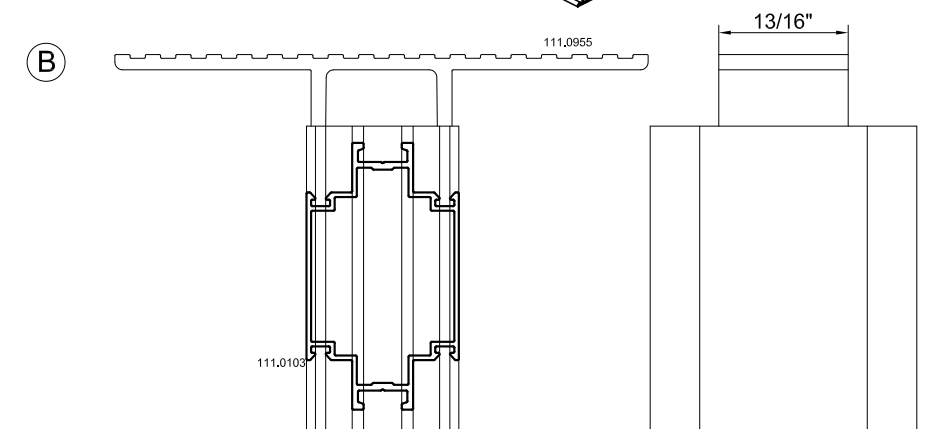
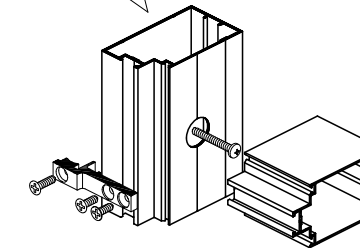
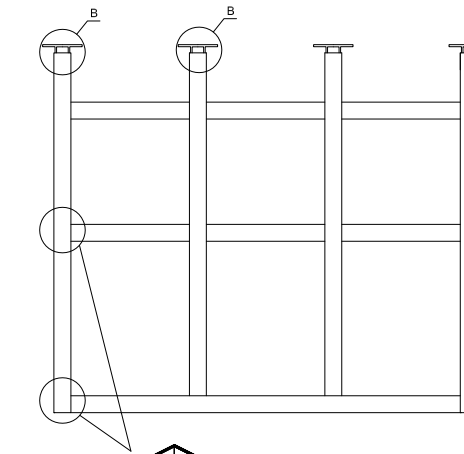
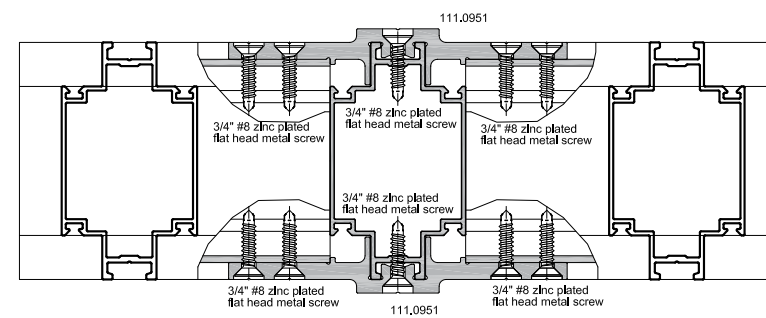
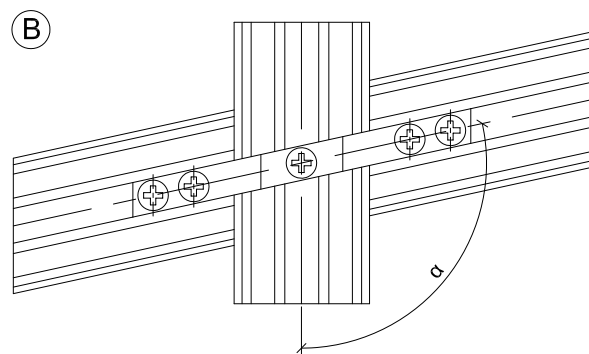
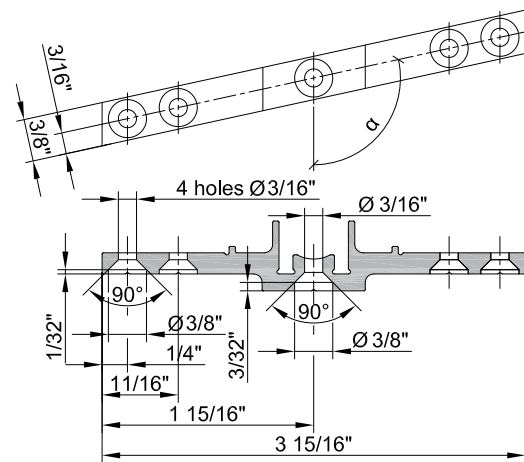
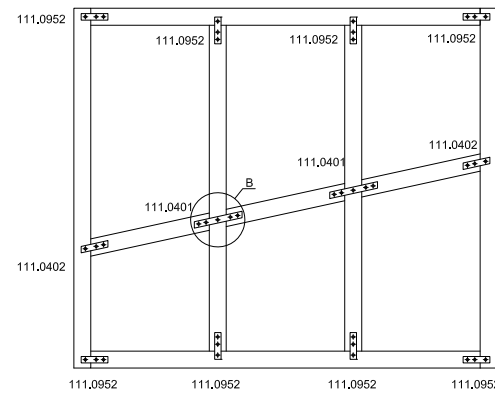
Single glazed partition



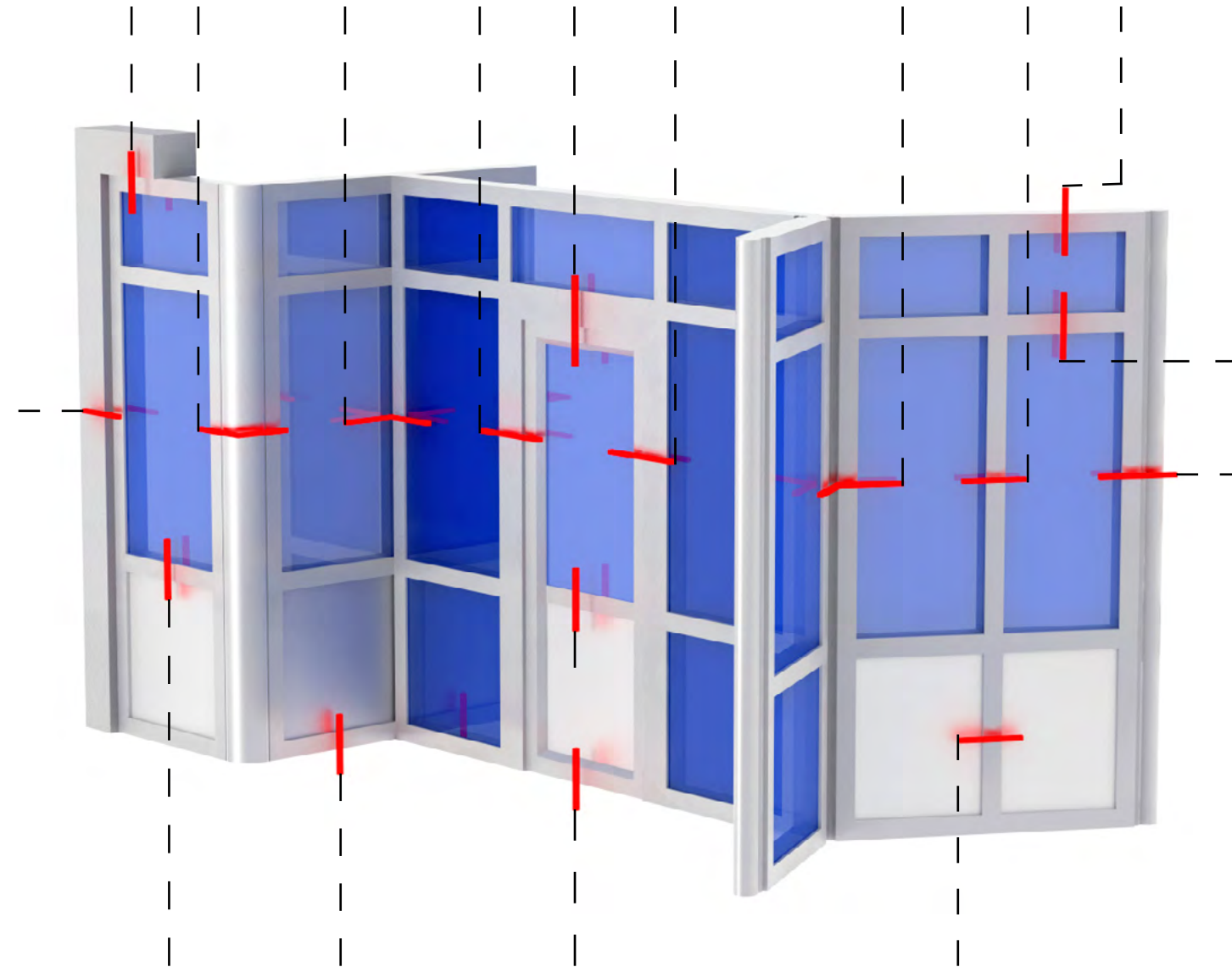
Double glazed partition



## Single glazed partition

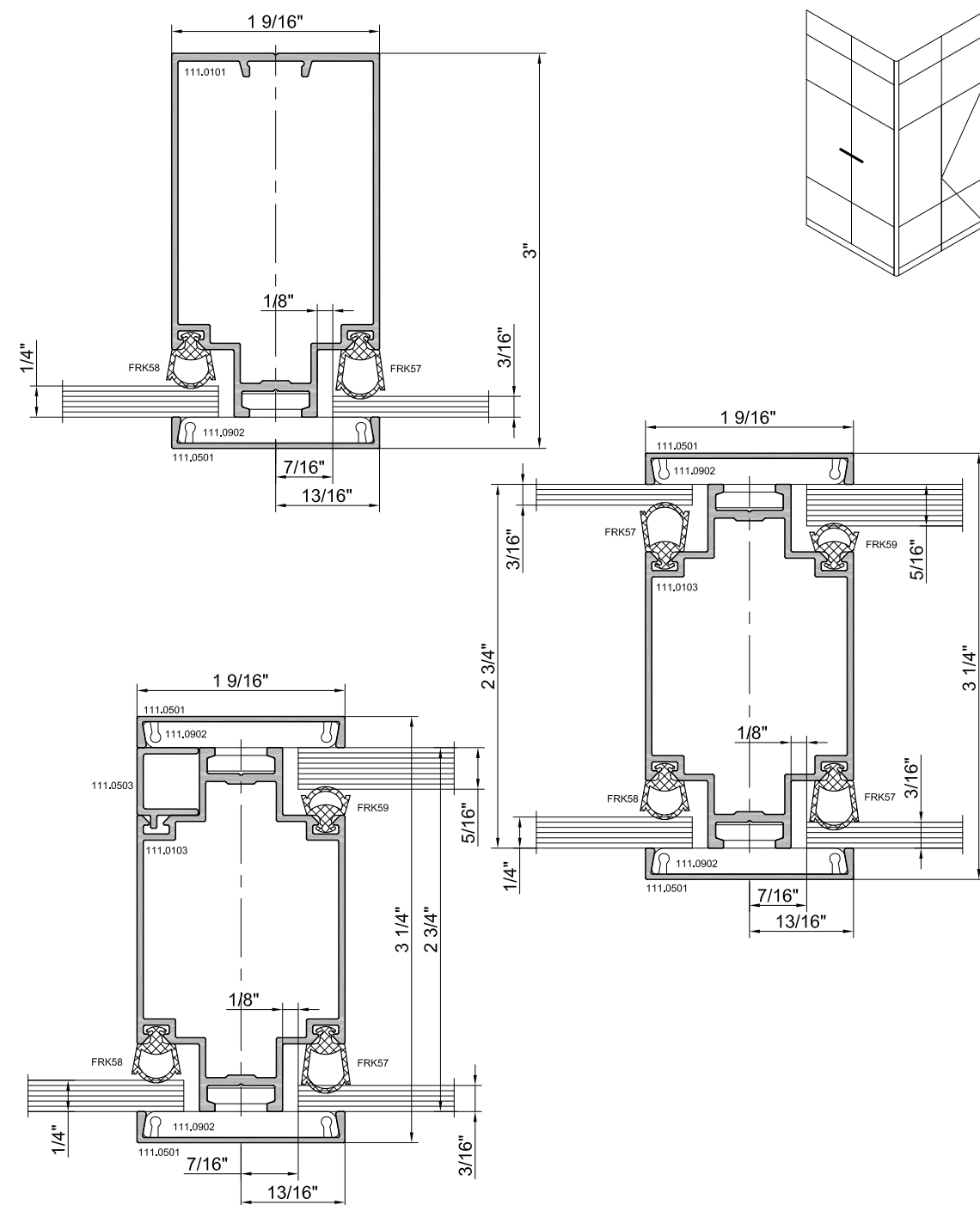


## SECTIONS GUIDE

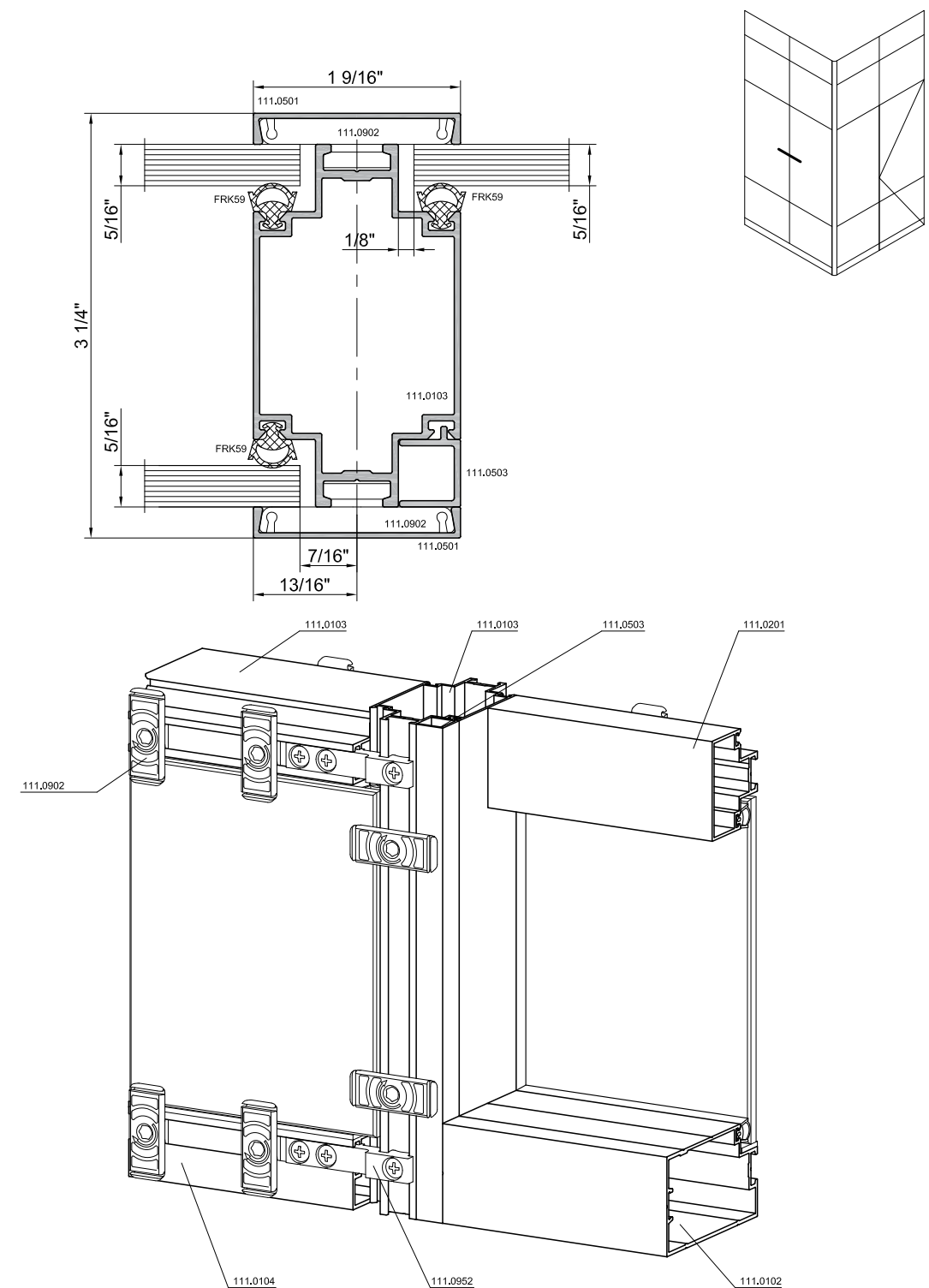


- DOUBLE DOORS SECTIONS
- GLASS DOORS SECTIONS
- SOLID CORE DOORS SECTIONS
- ROLL GATES SECTIONS
- SLIDING DOORS SECTIONS

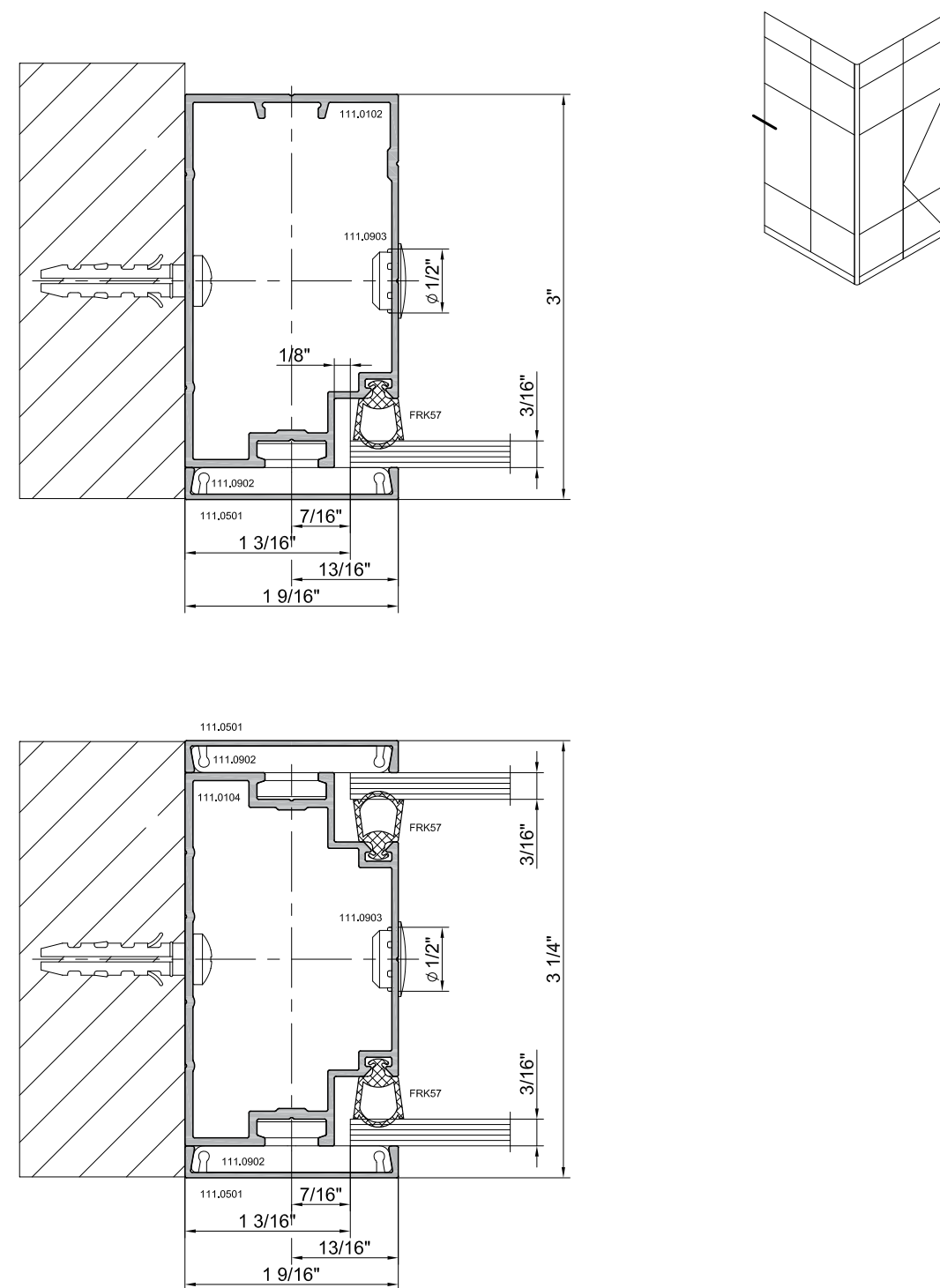
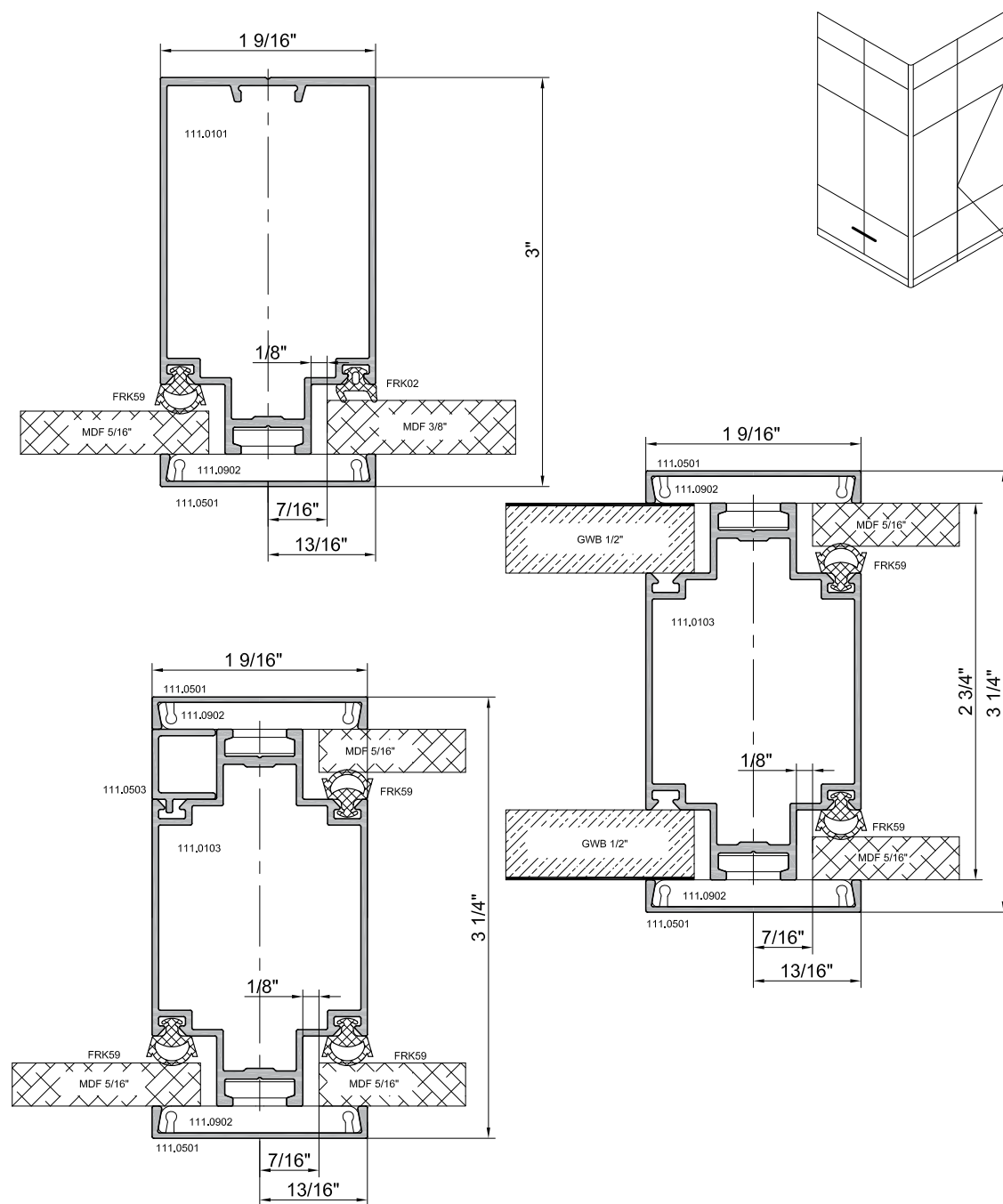
## TYPICAL SECTIONS

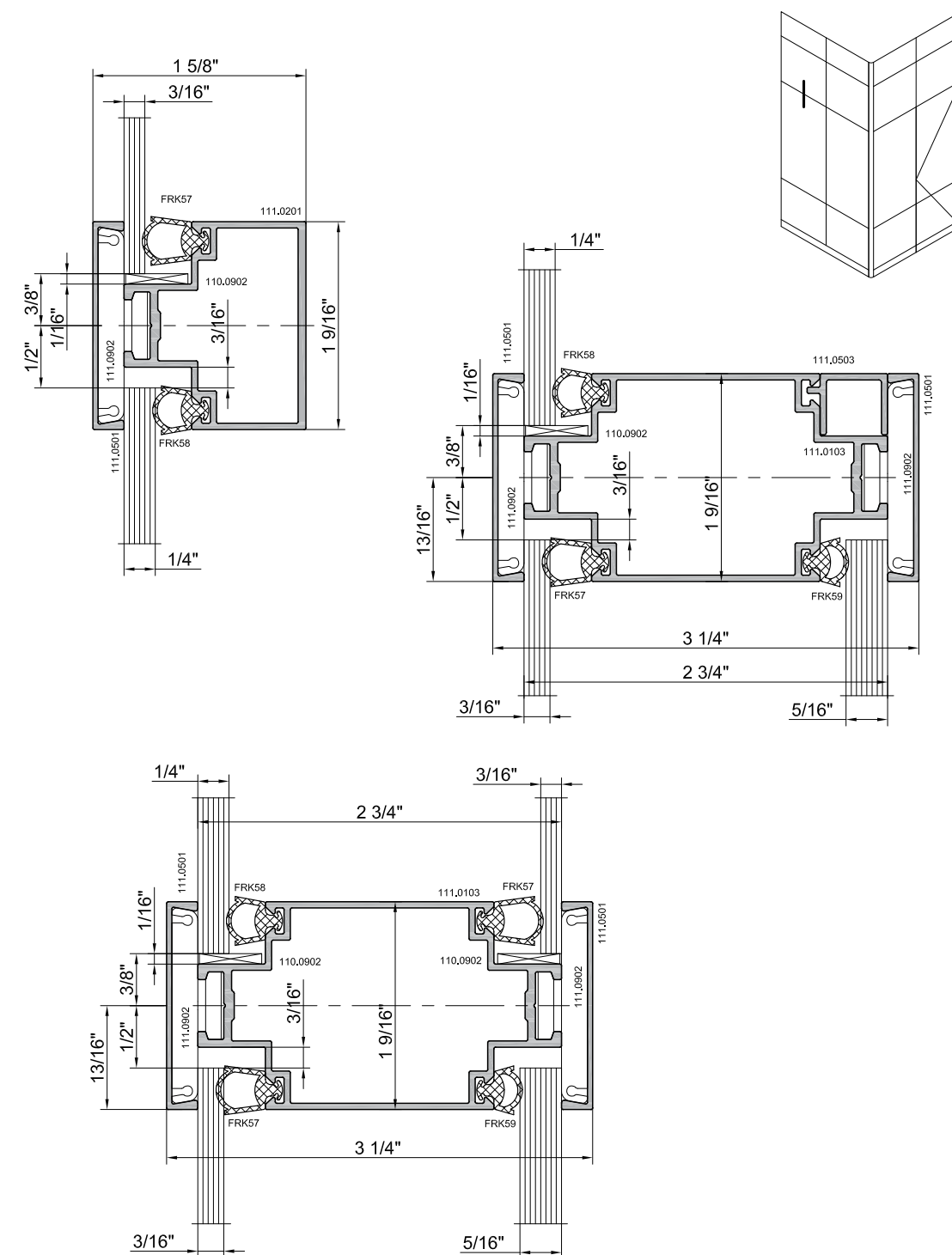
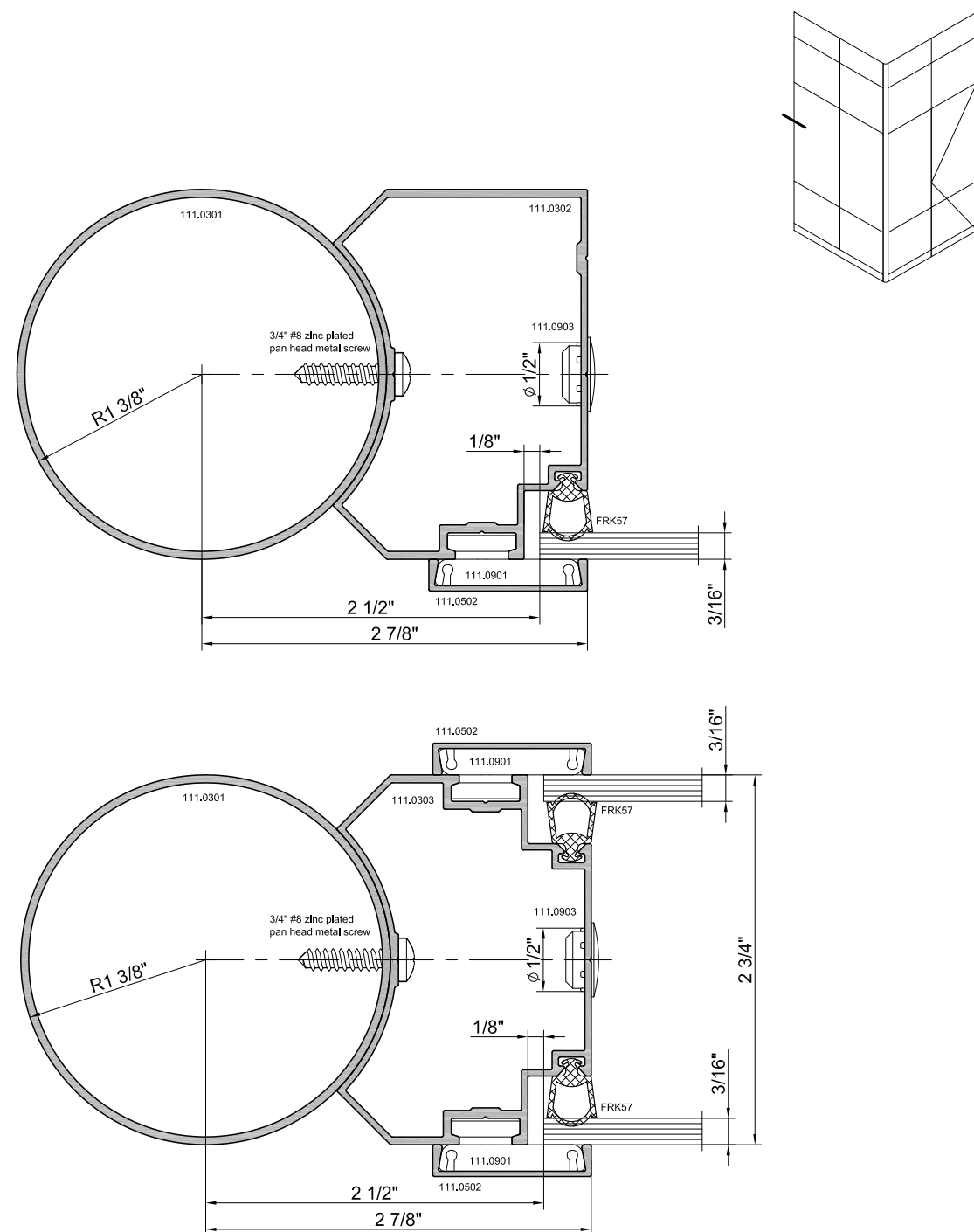


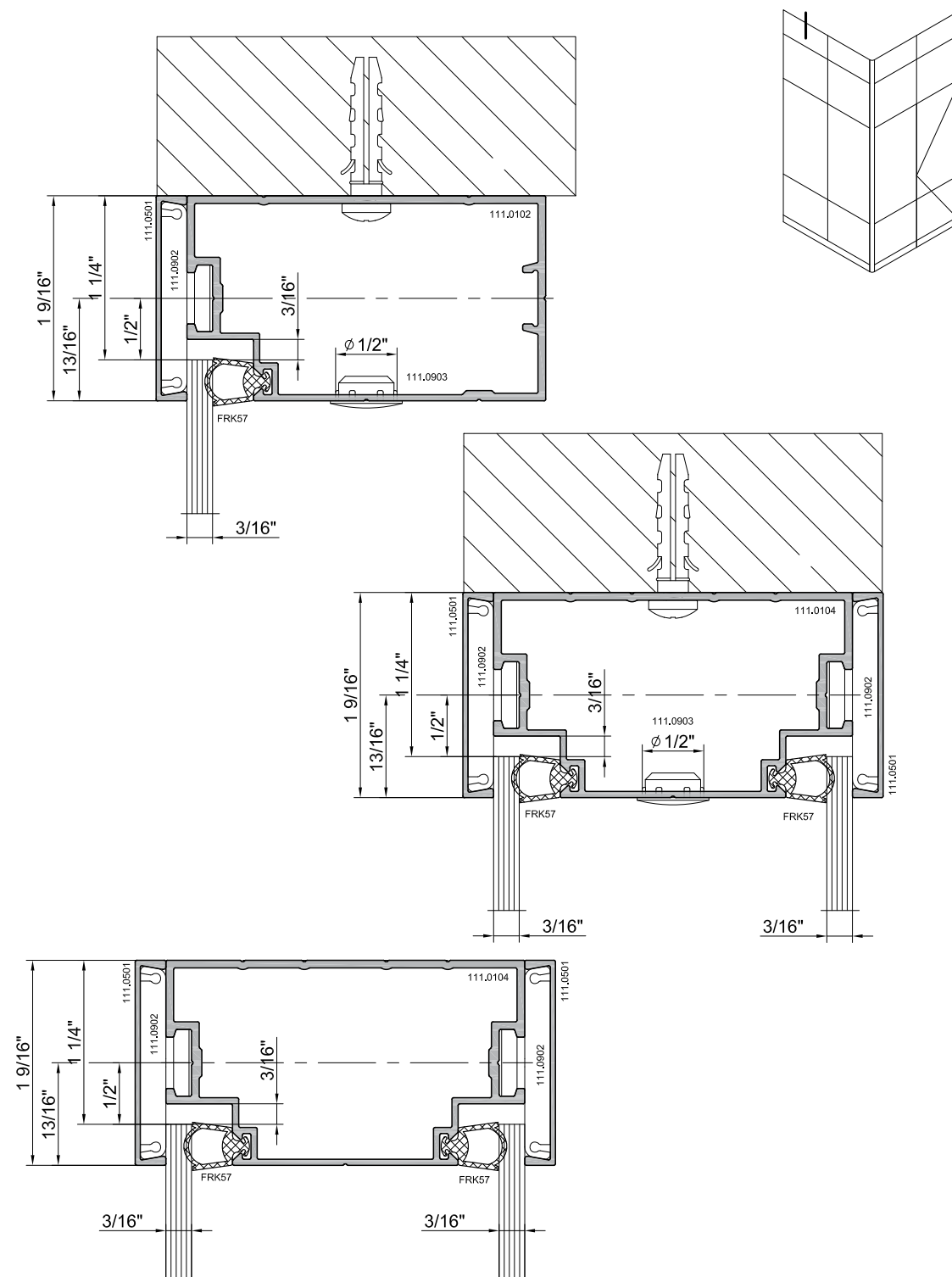
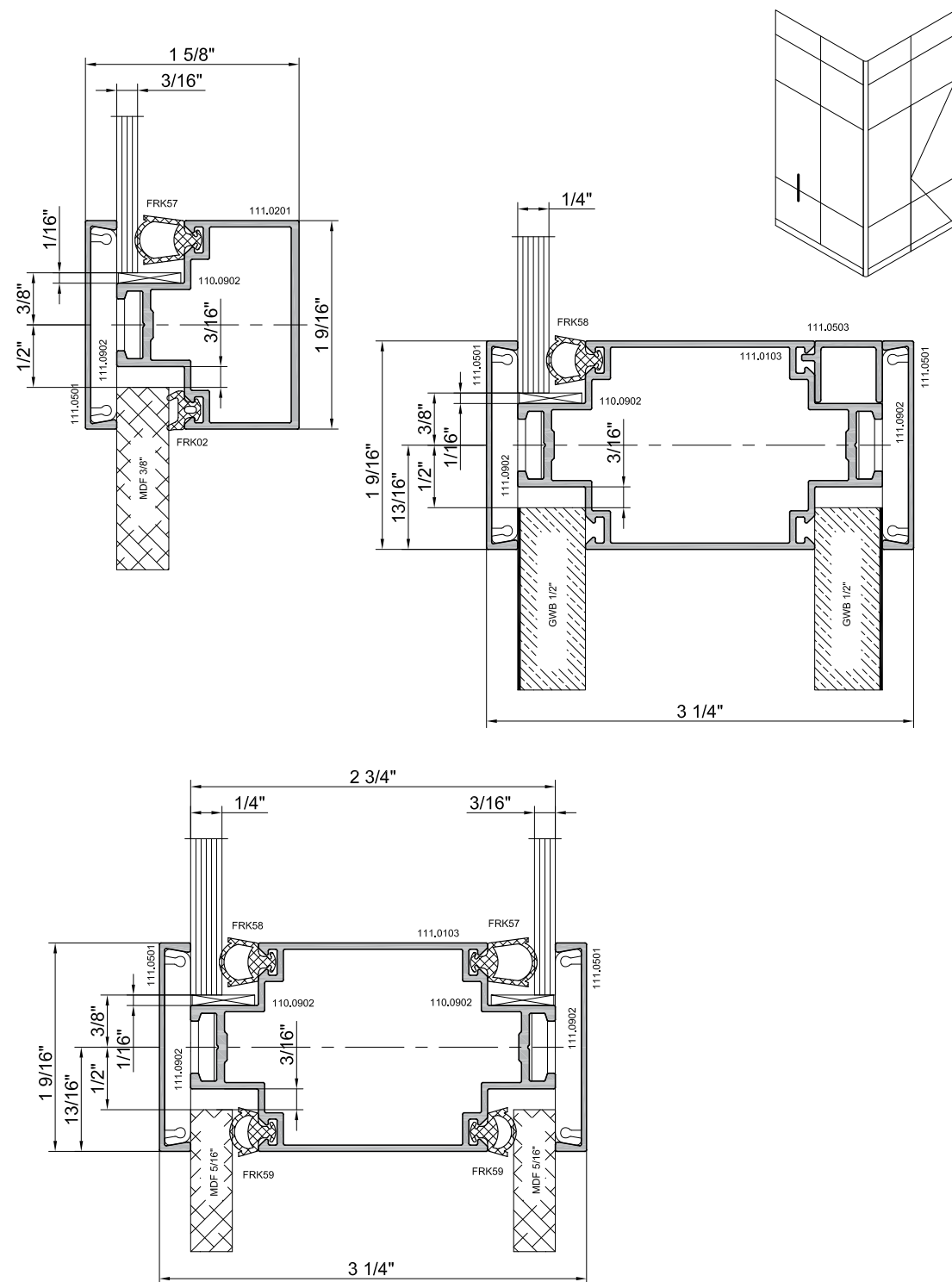
Transition from double to single glazing



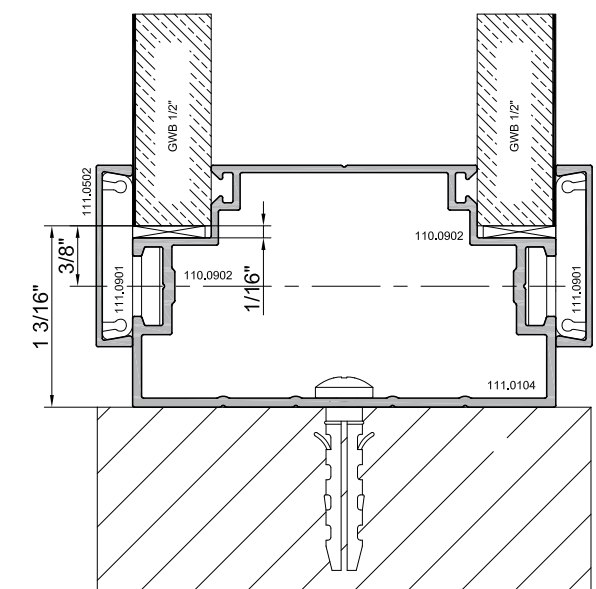
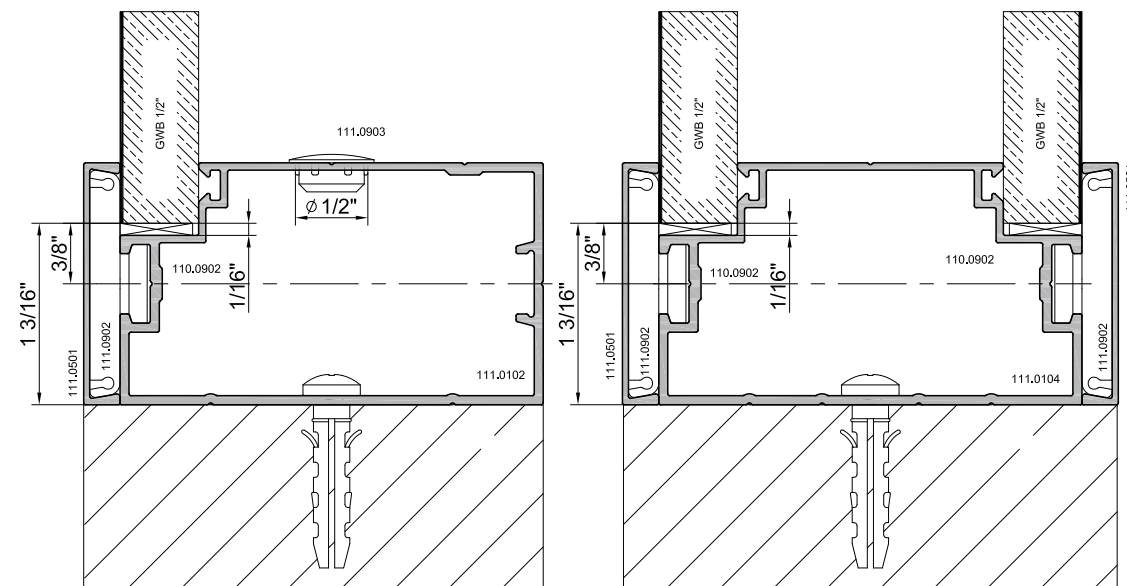
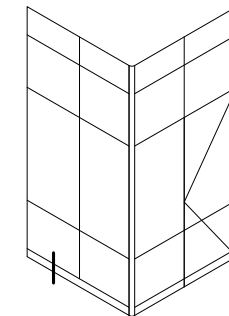
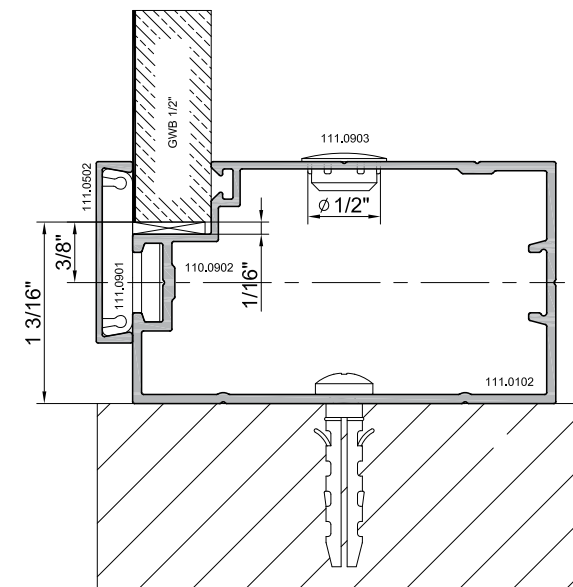
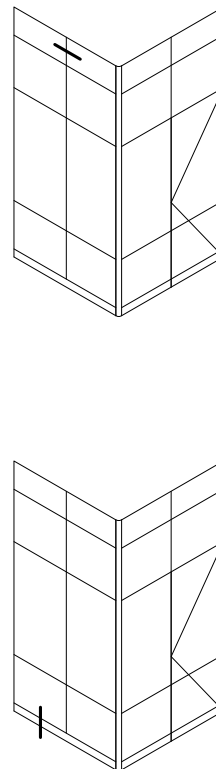
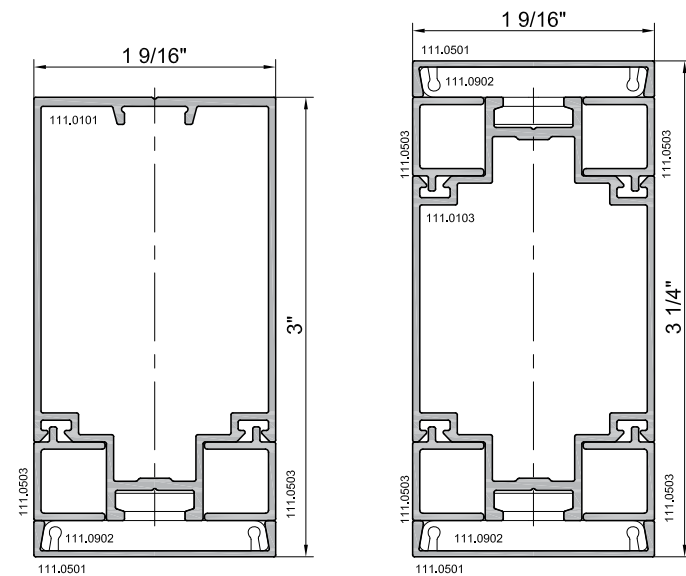






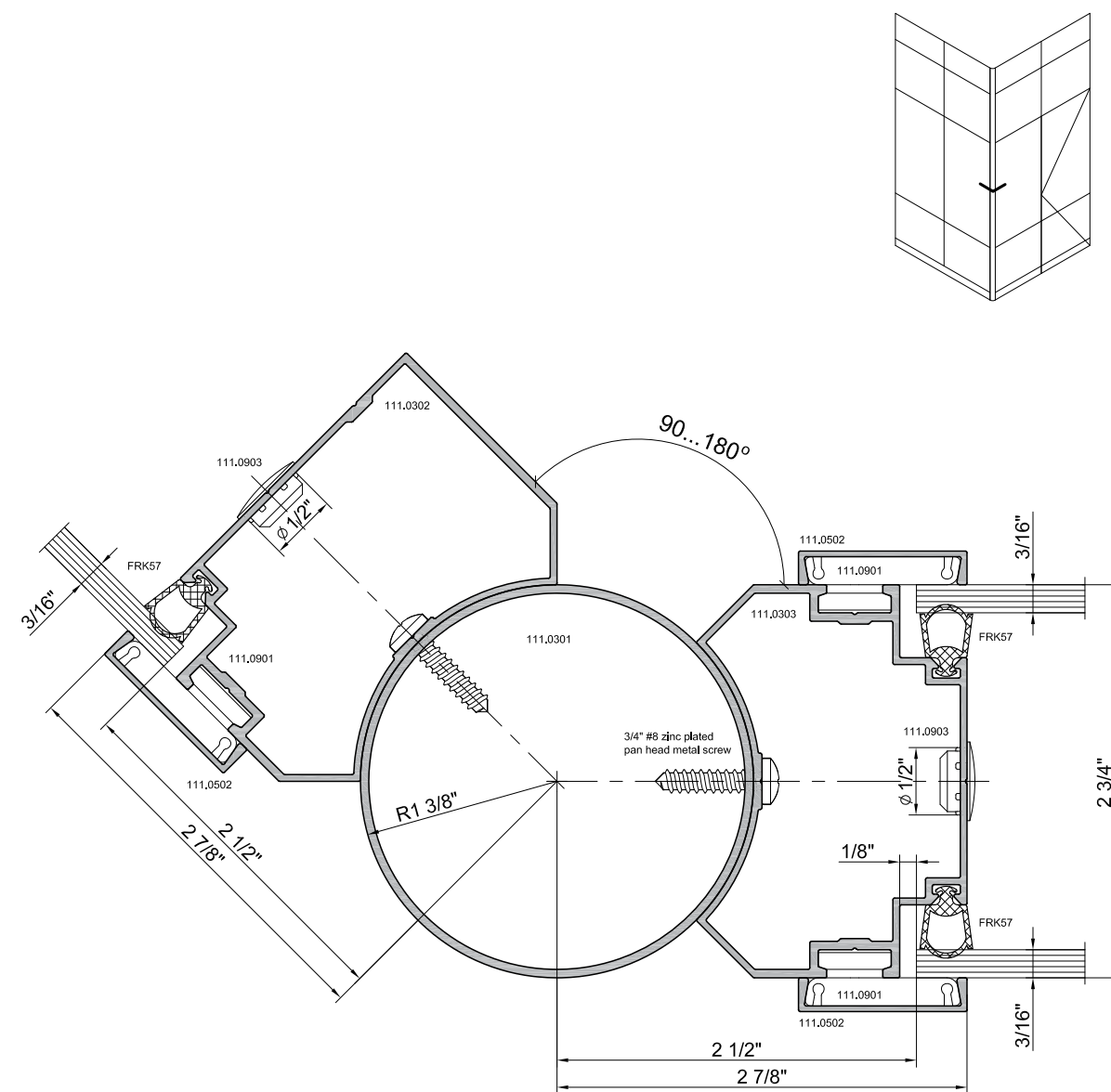
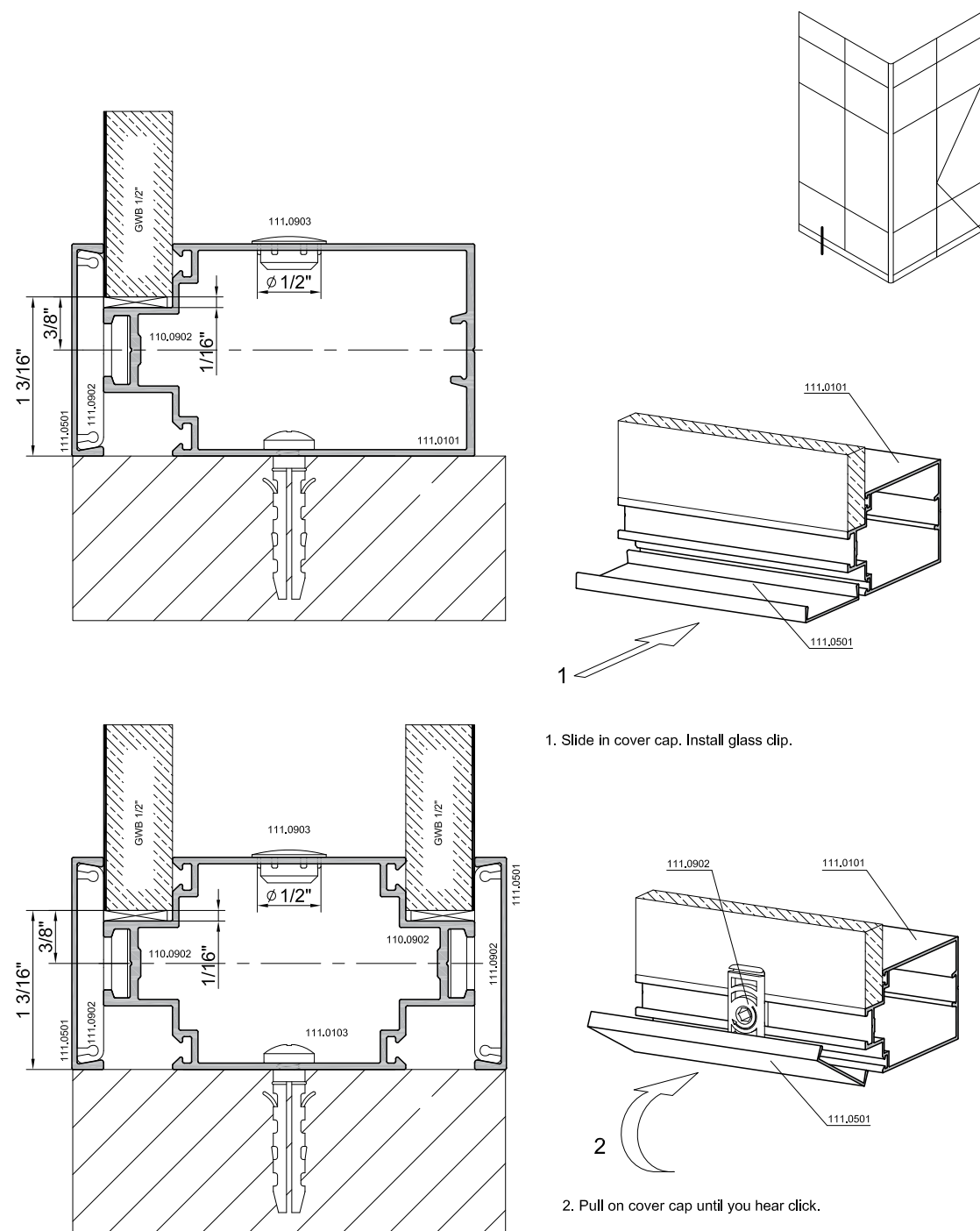


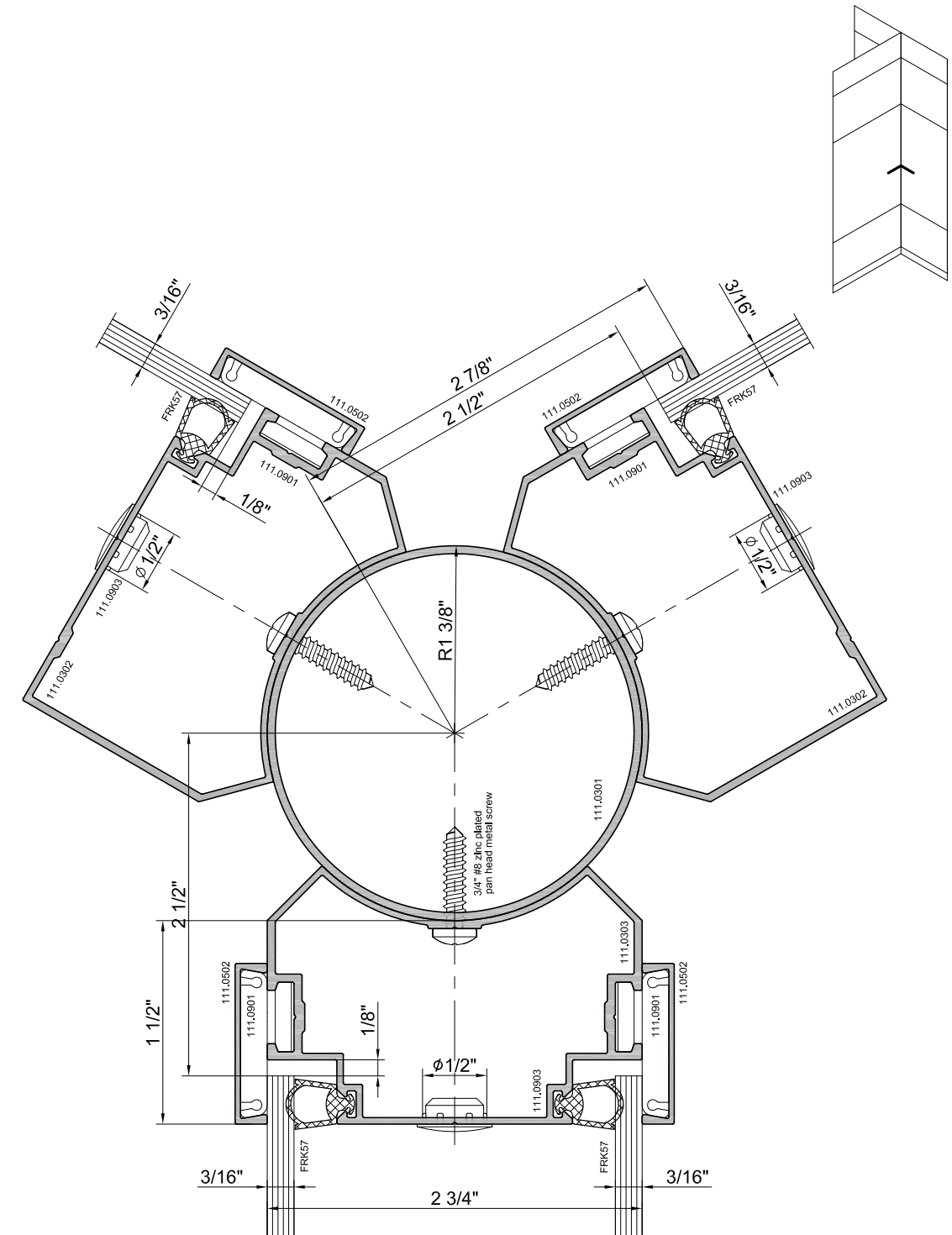
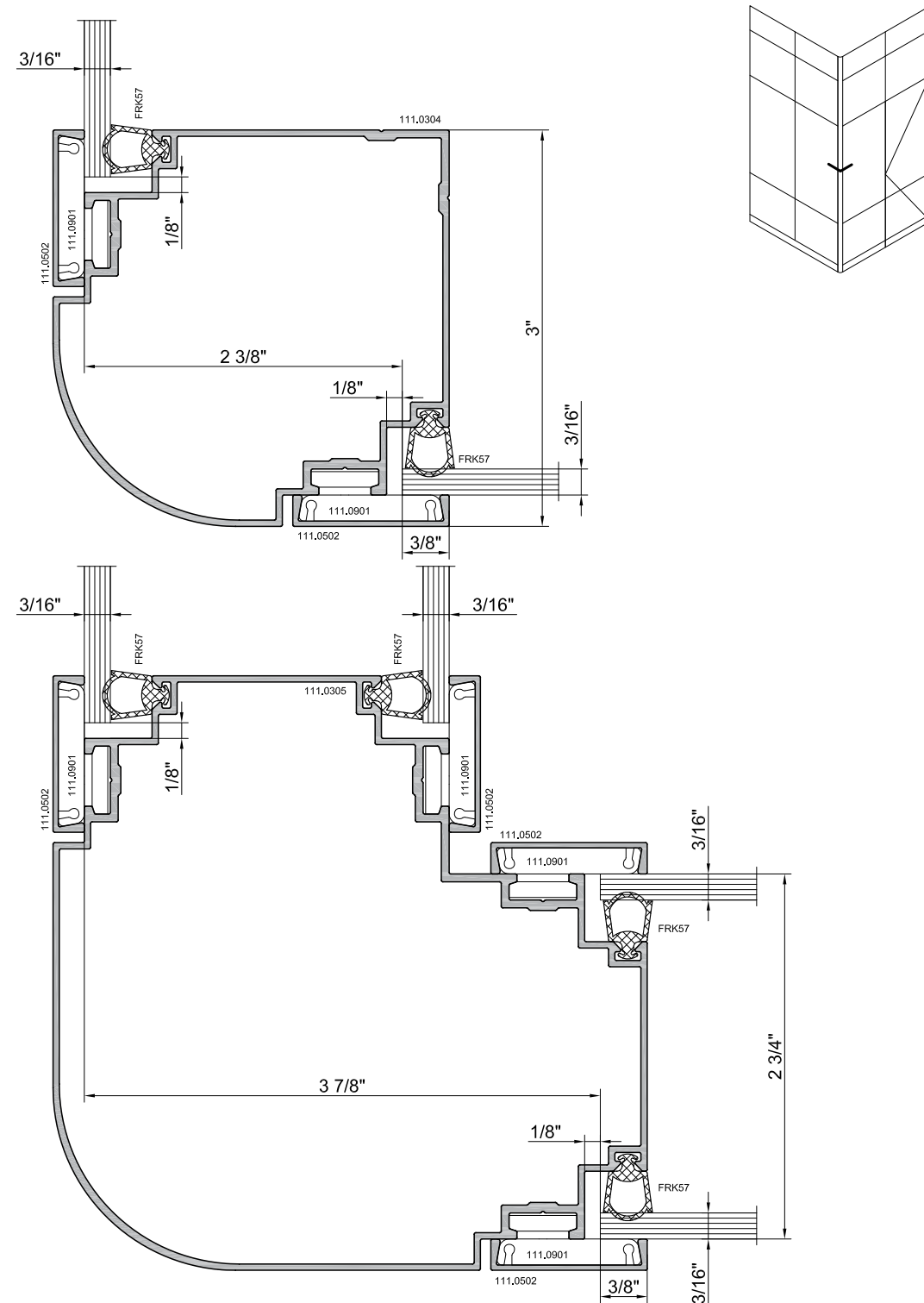
Optional installation on floors with carpet

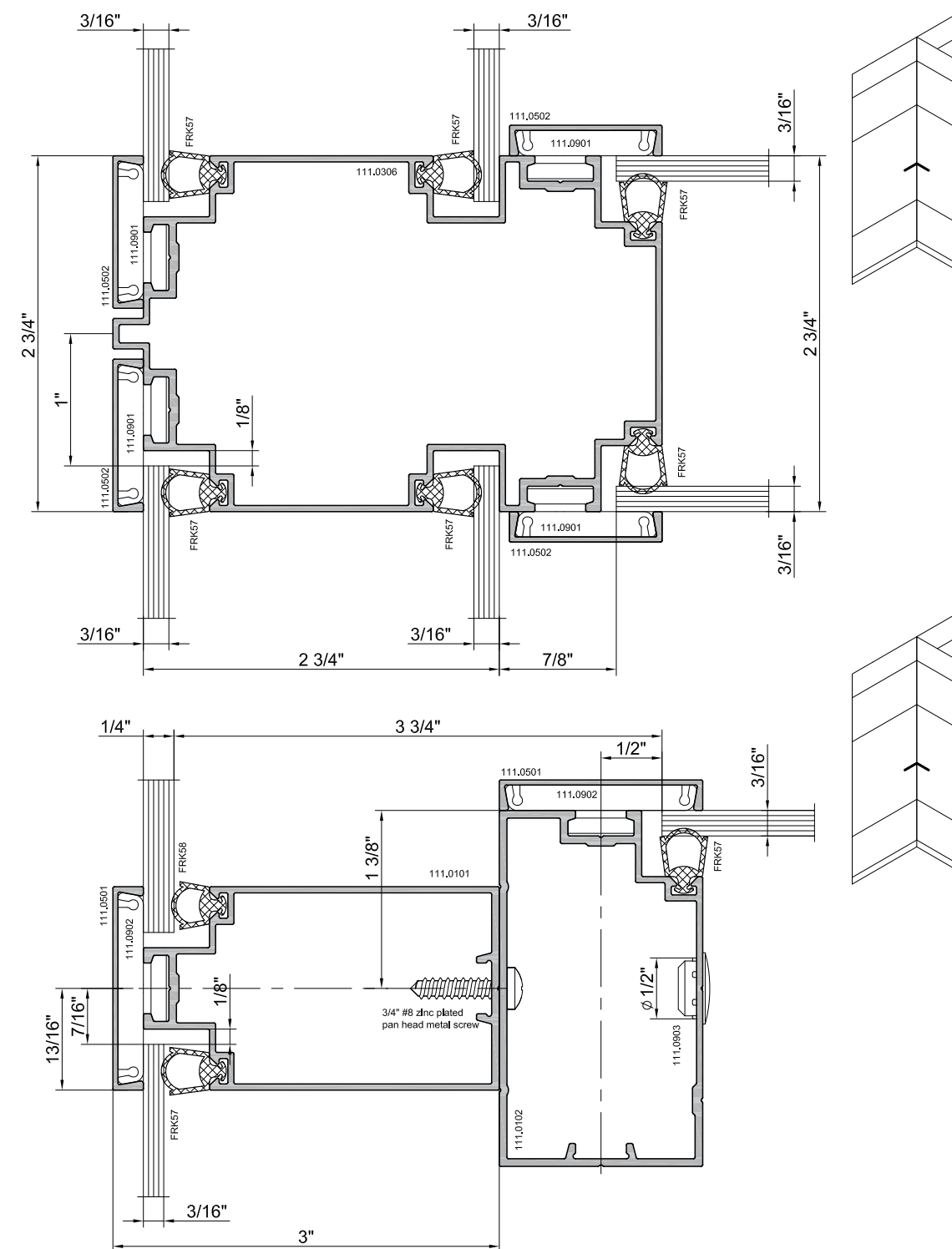
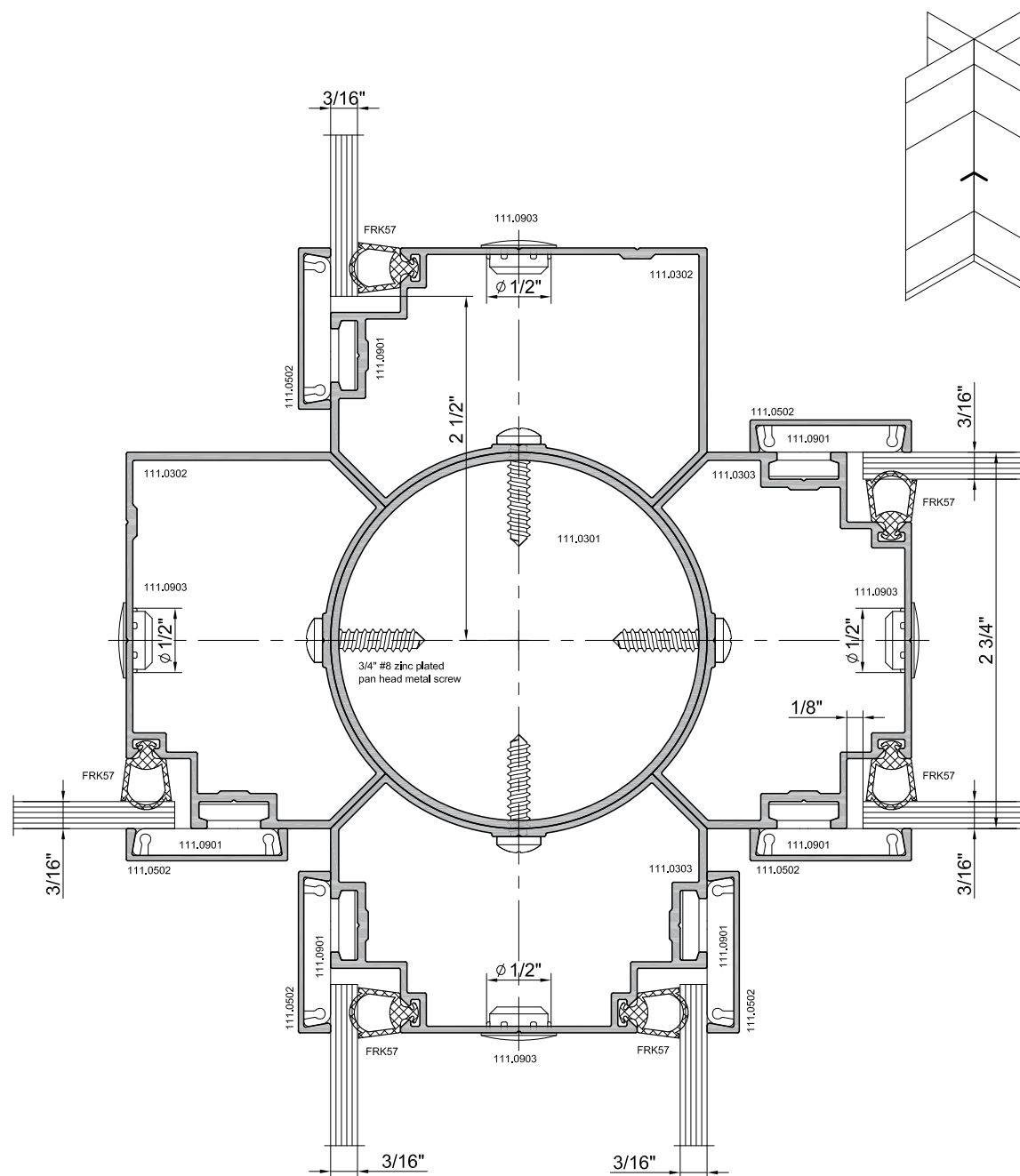


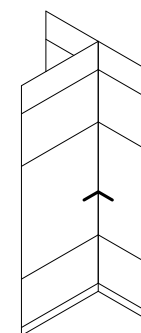
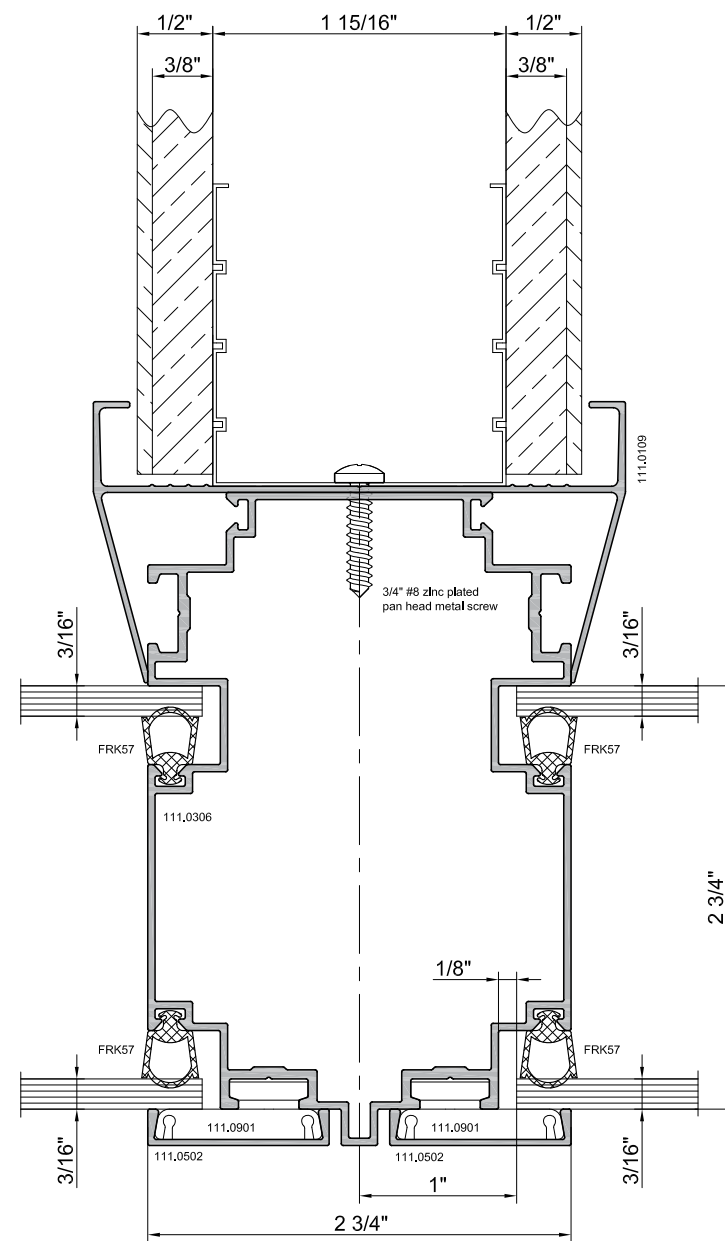
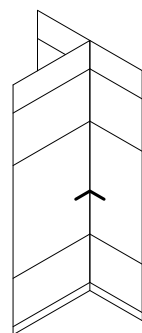
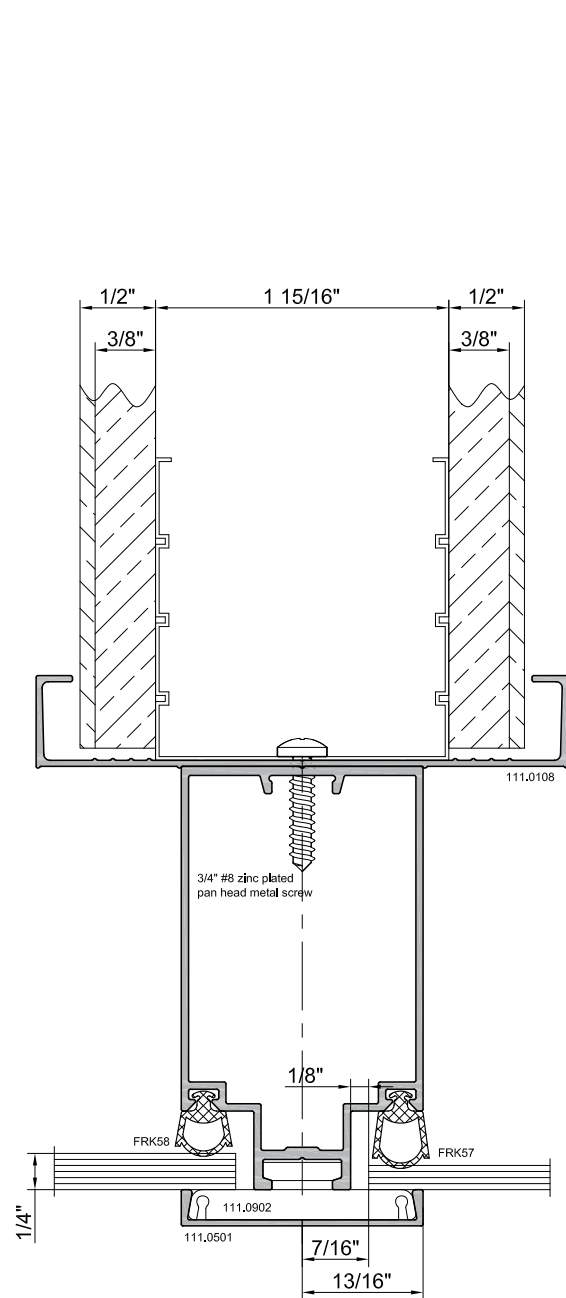


Typical installation on finish floor





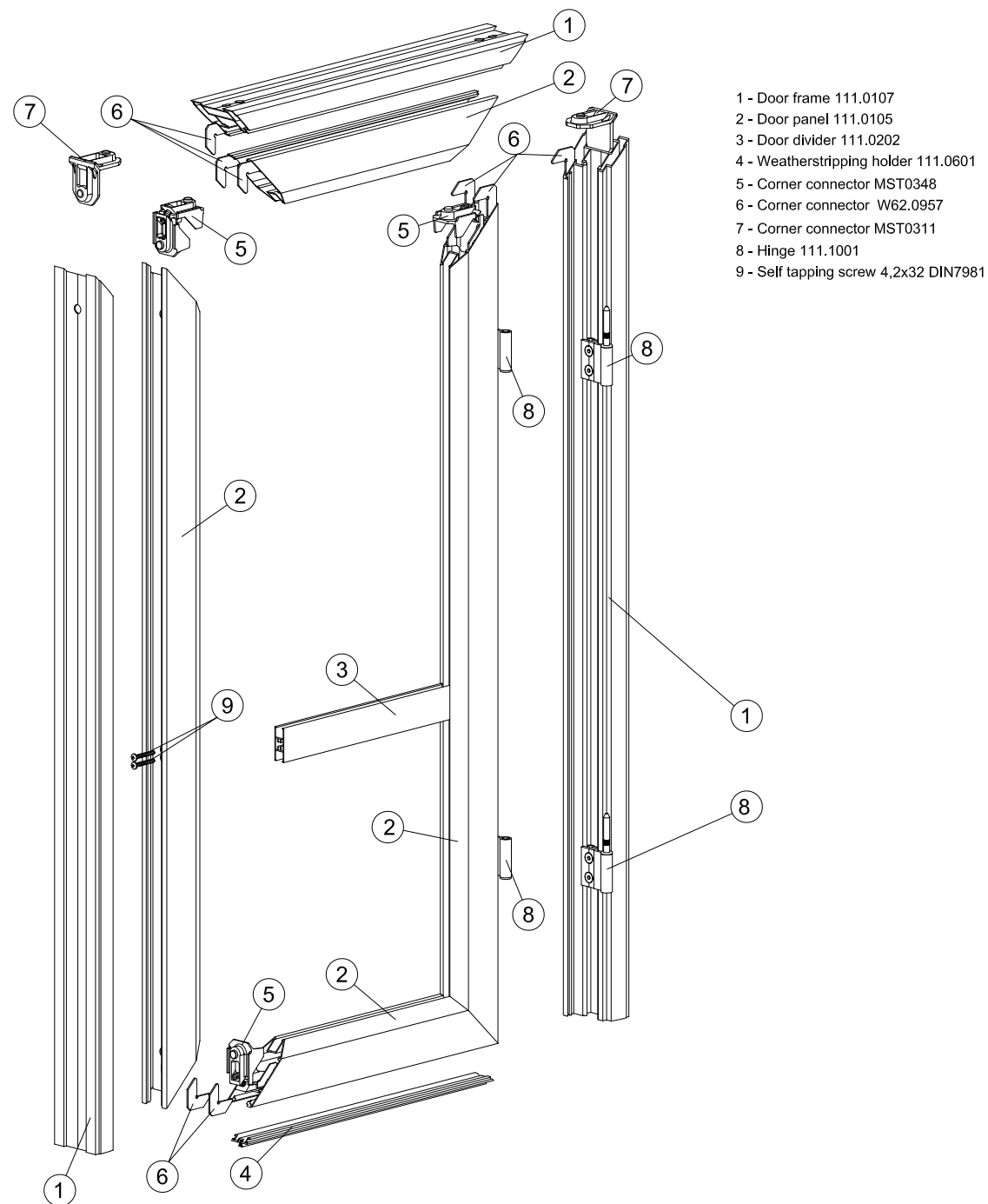




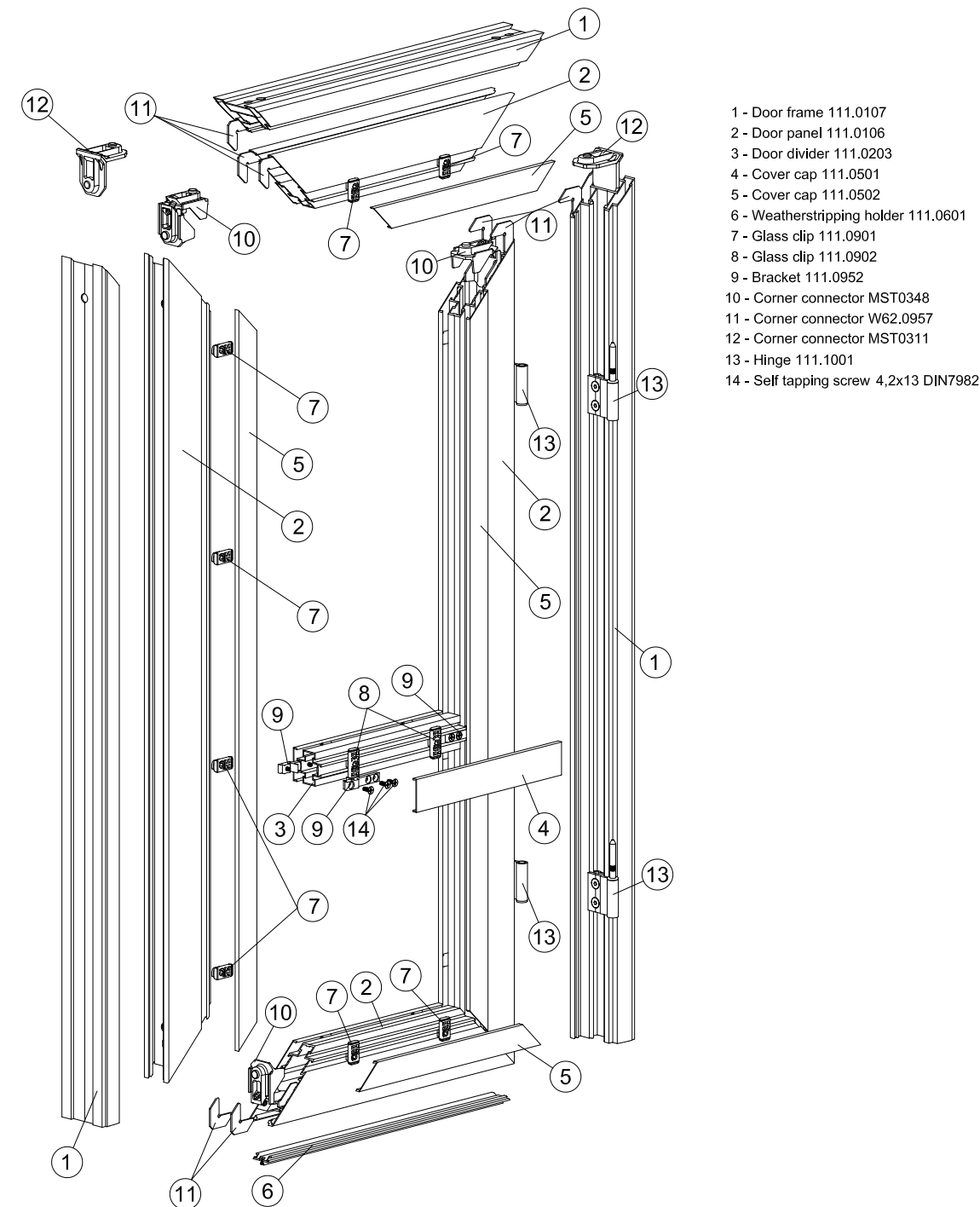


## TYPICAL DOOR COMPONENTS

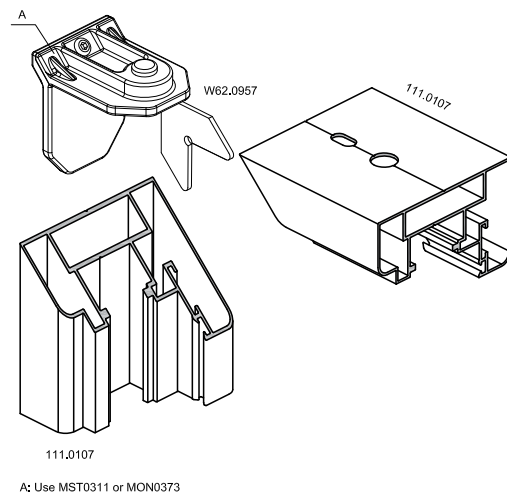
Typical door components. Single glazing



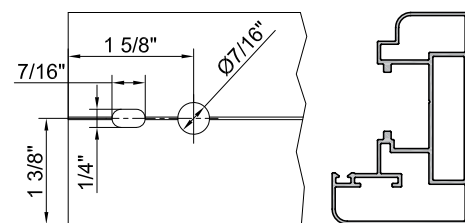
Typical door components. Double glazing



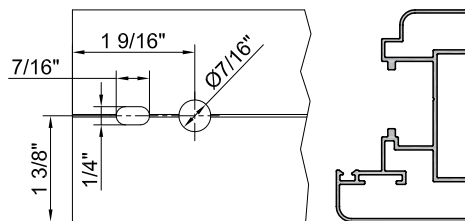
Corner connection of frame moldings 111.0107



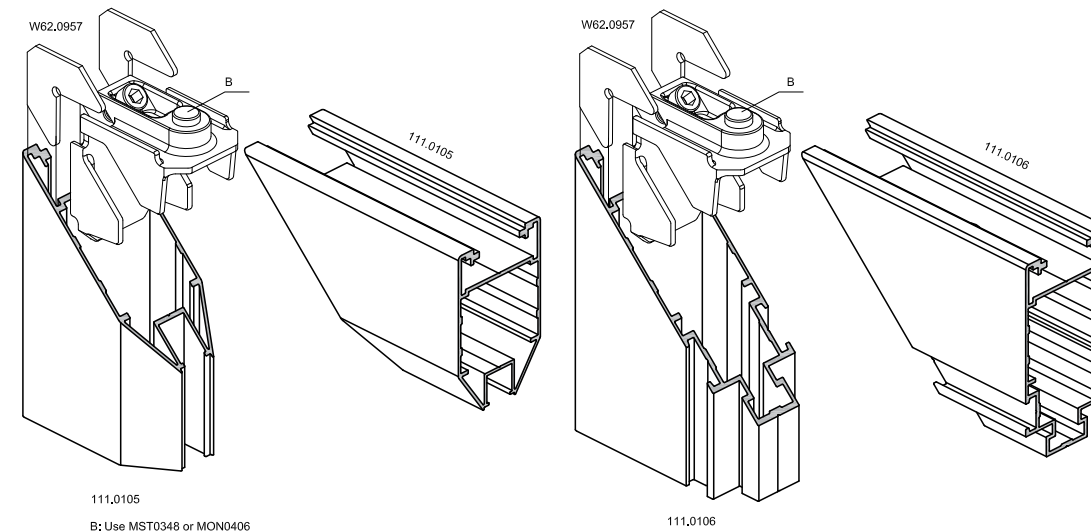
Installation of MST0311



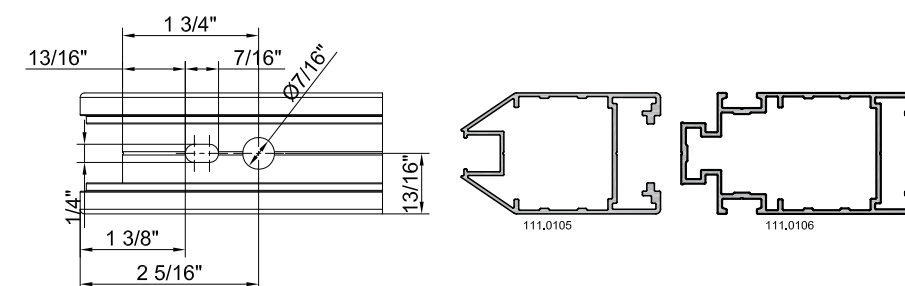
Installation of MON0373



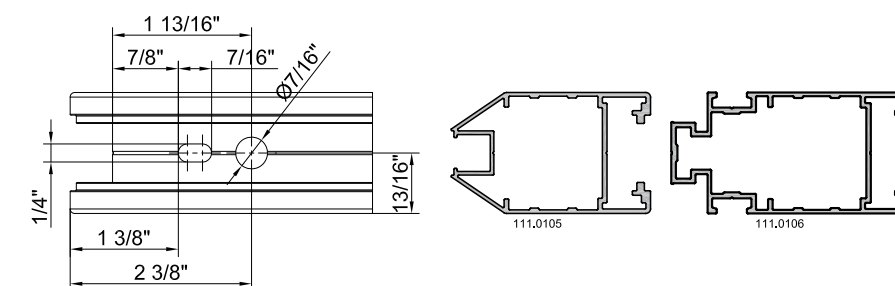
Corner connection of door moldings 111.0105 and 111.0106



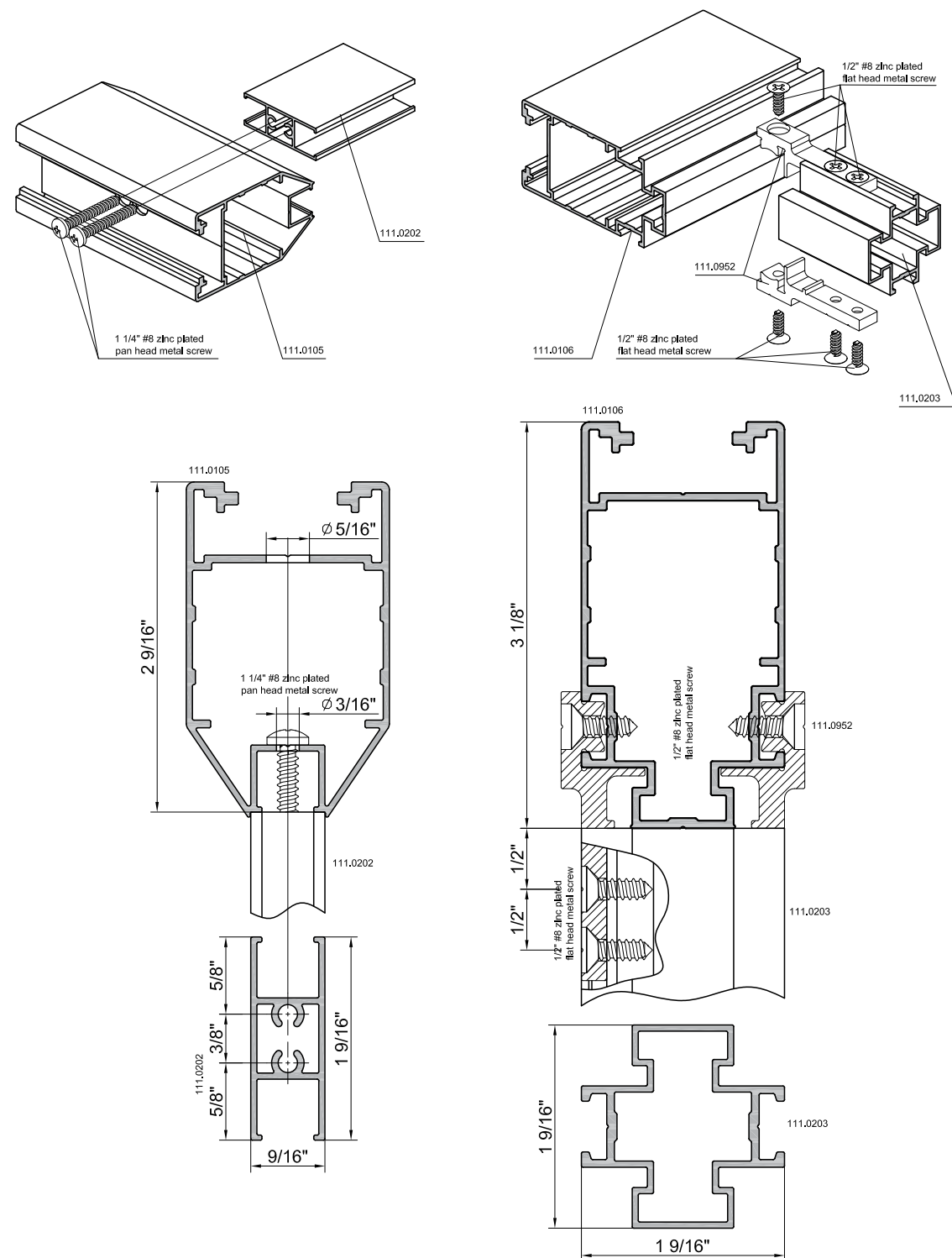
Installation of MST0348



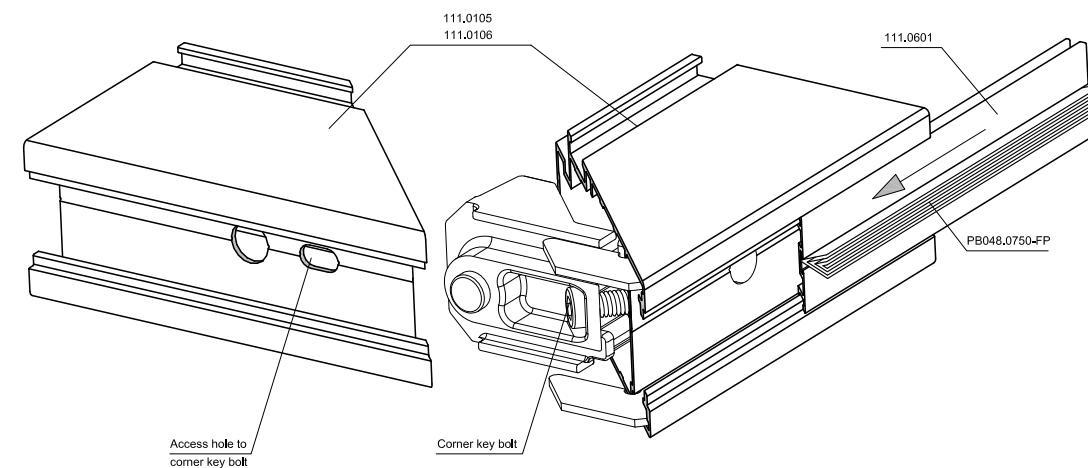
Installation of MON0406



## Installaion of door dividers

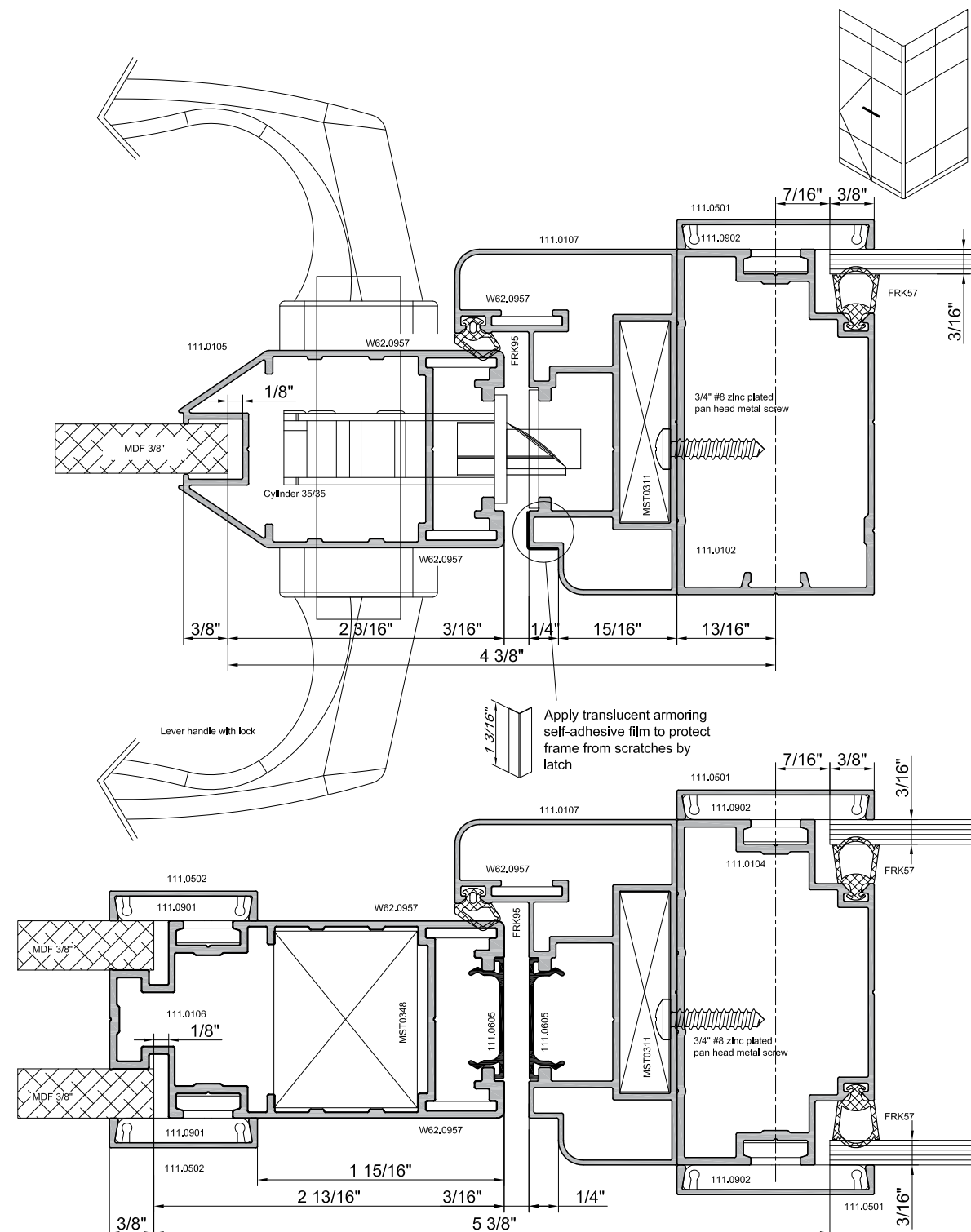
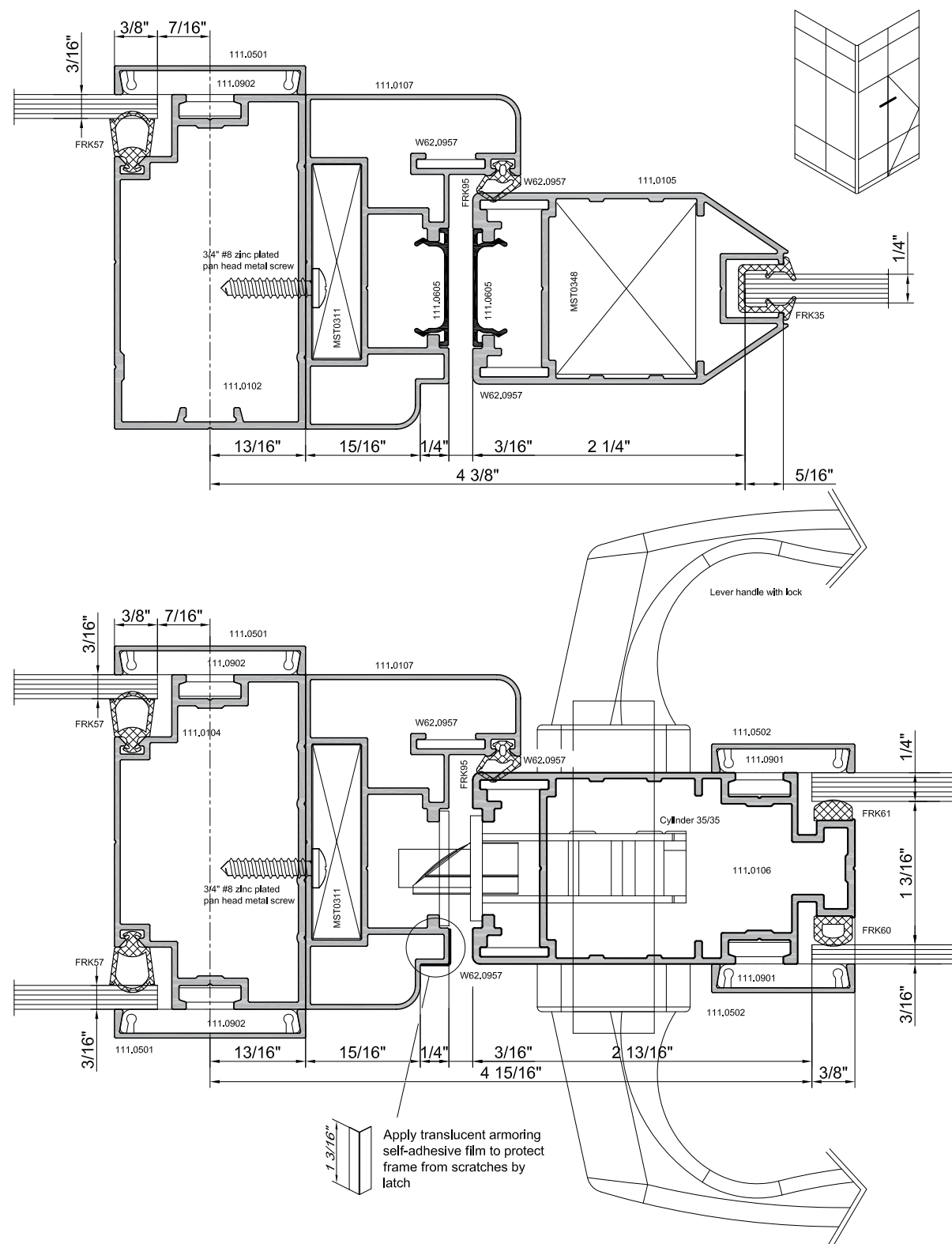


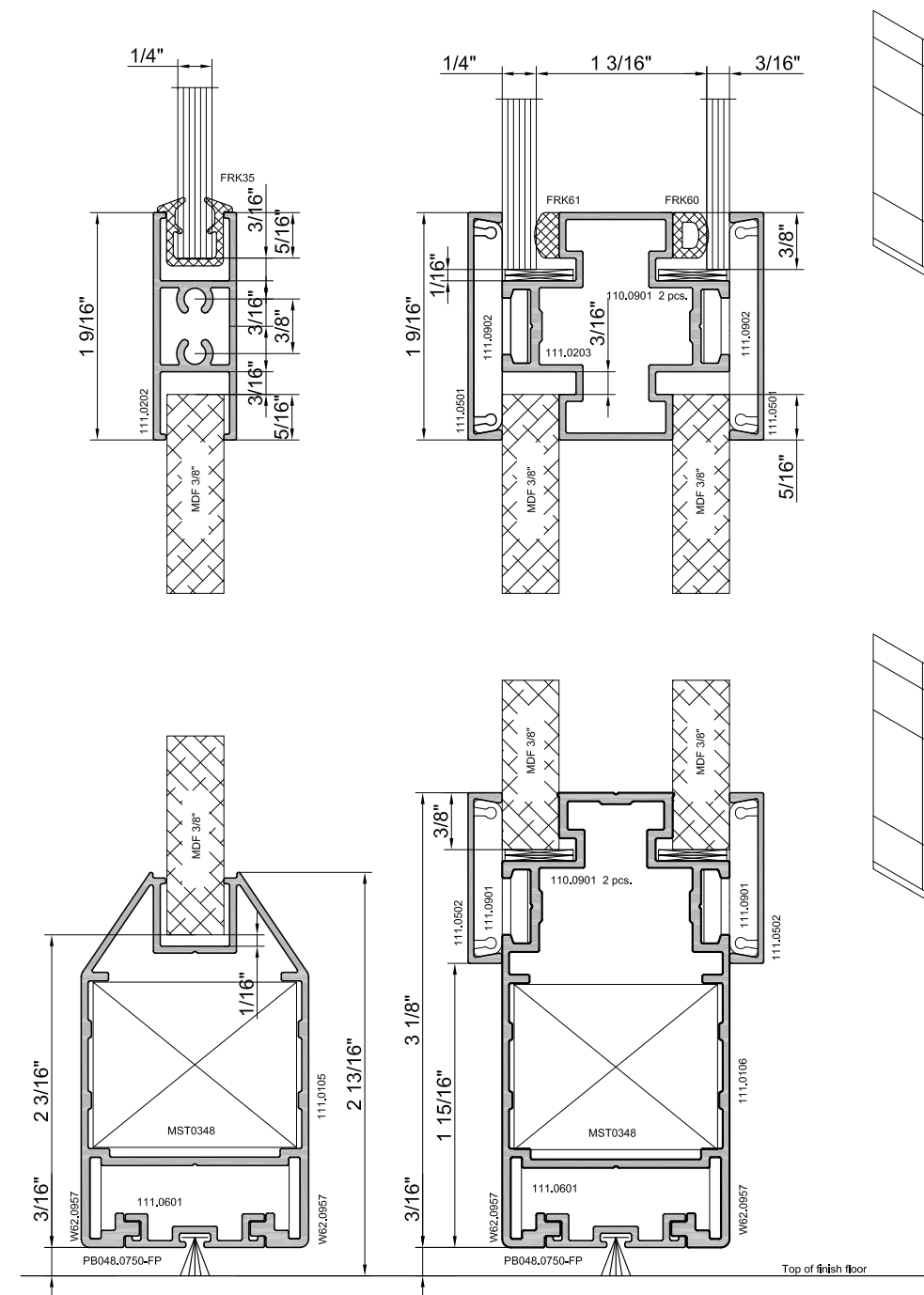
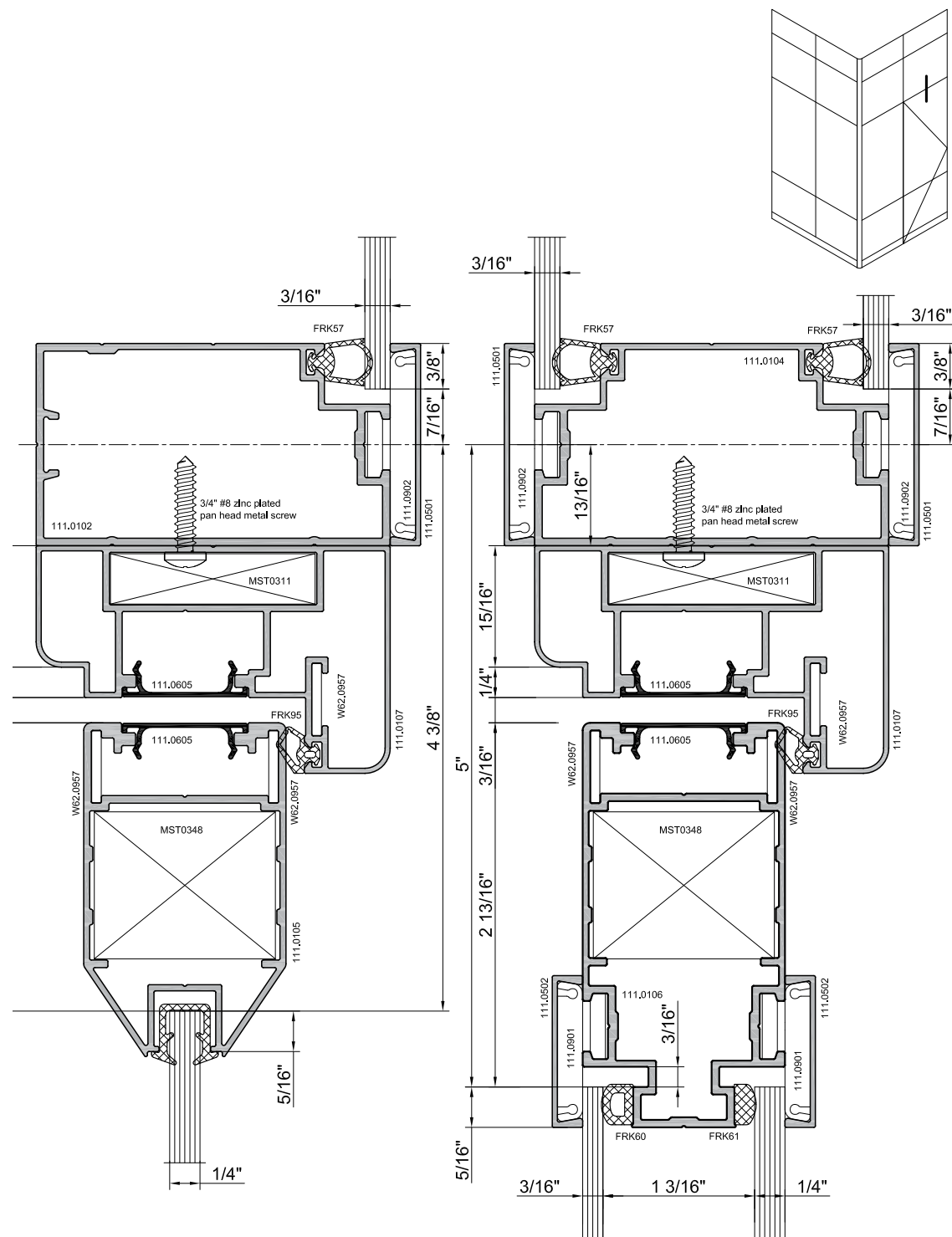
## Installation of 111.0601 in door moldings 111.0105 and 111.0106



Cut 111.0601 at 45° like door molding. Length of 111.0601 = door width. Slide 111.0601 into door molding

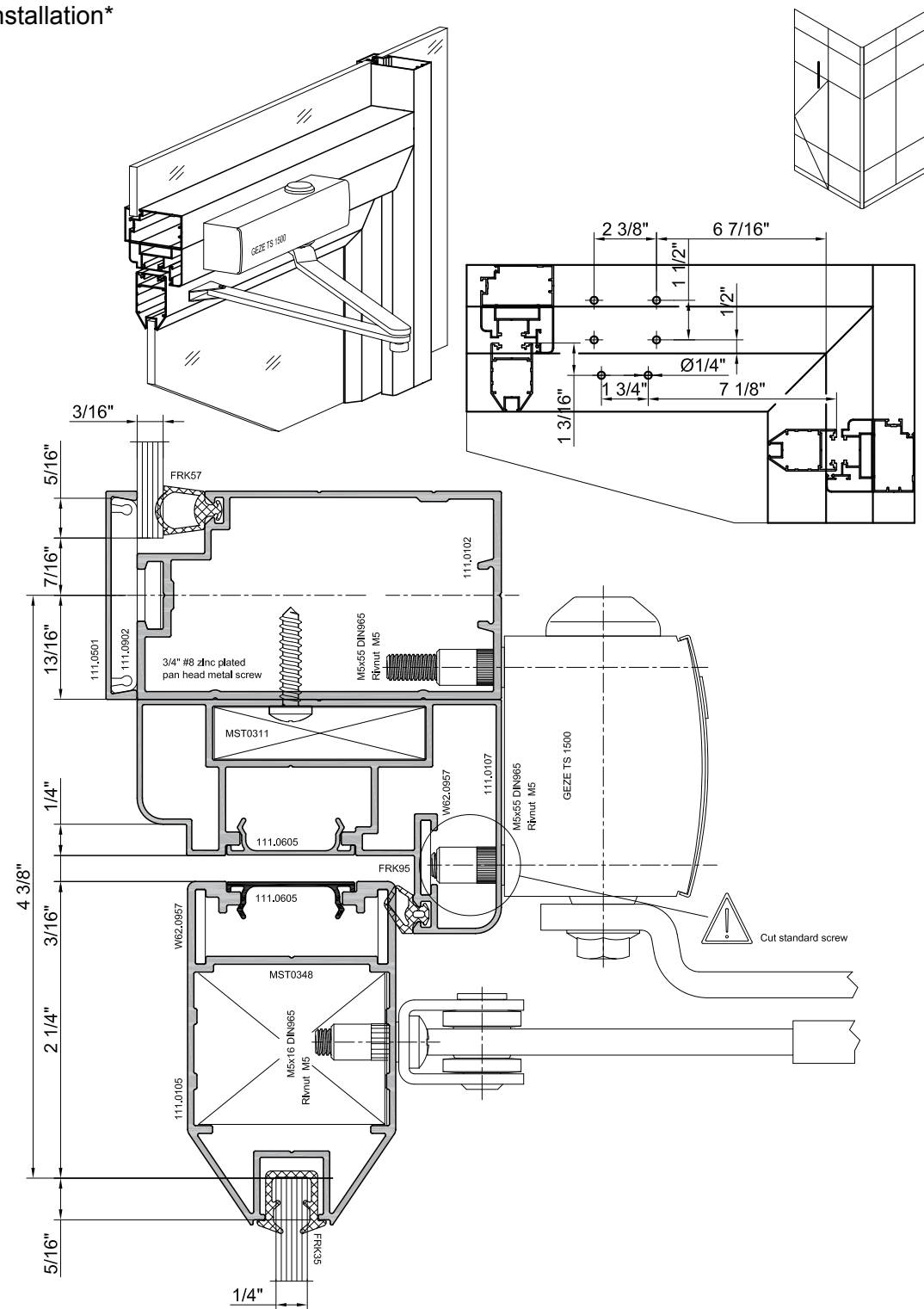
## FRAMED DOORS. SECTIONS





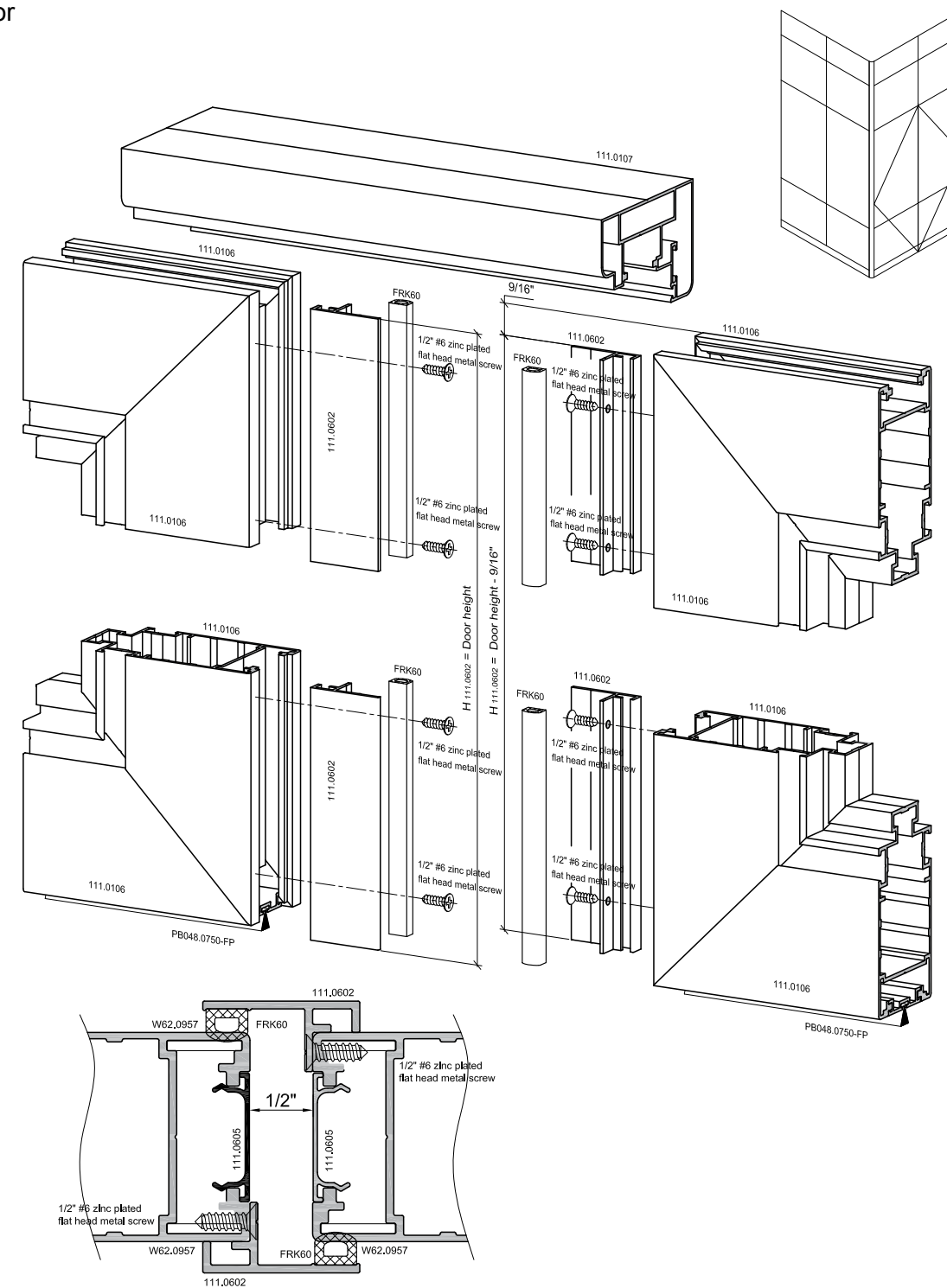


Door closer installation\*

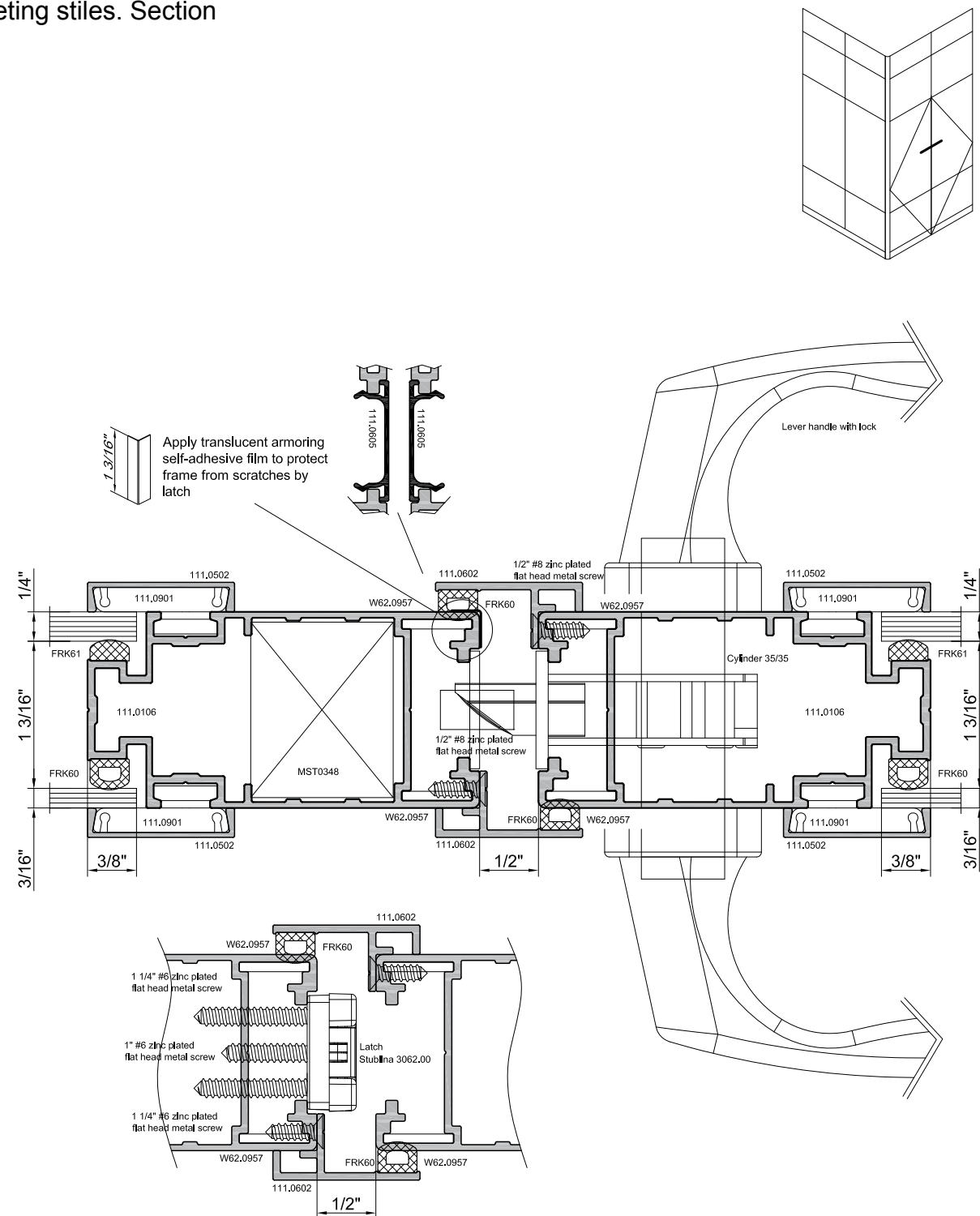


\*Outswing door with single glazing

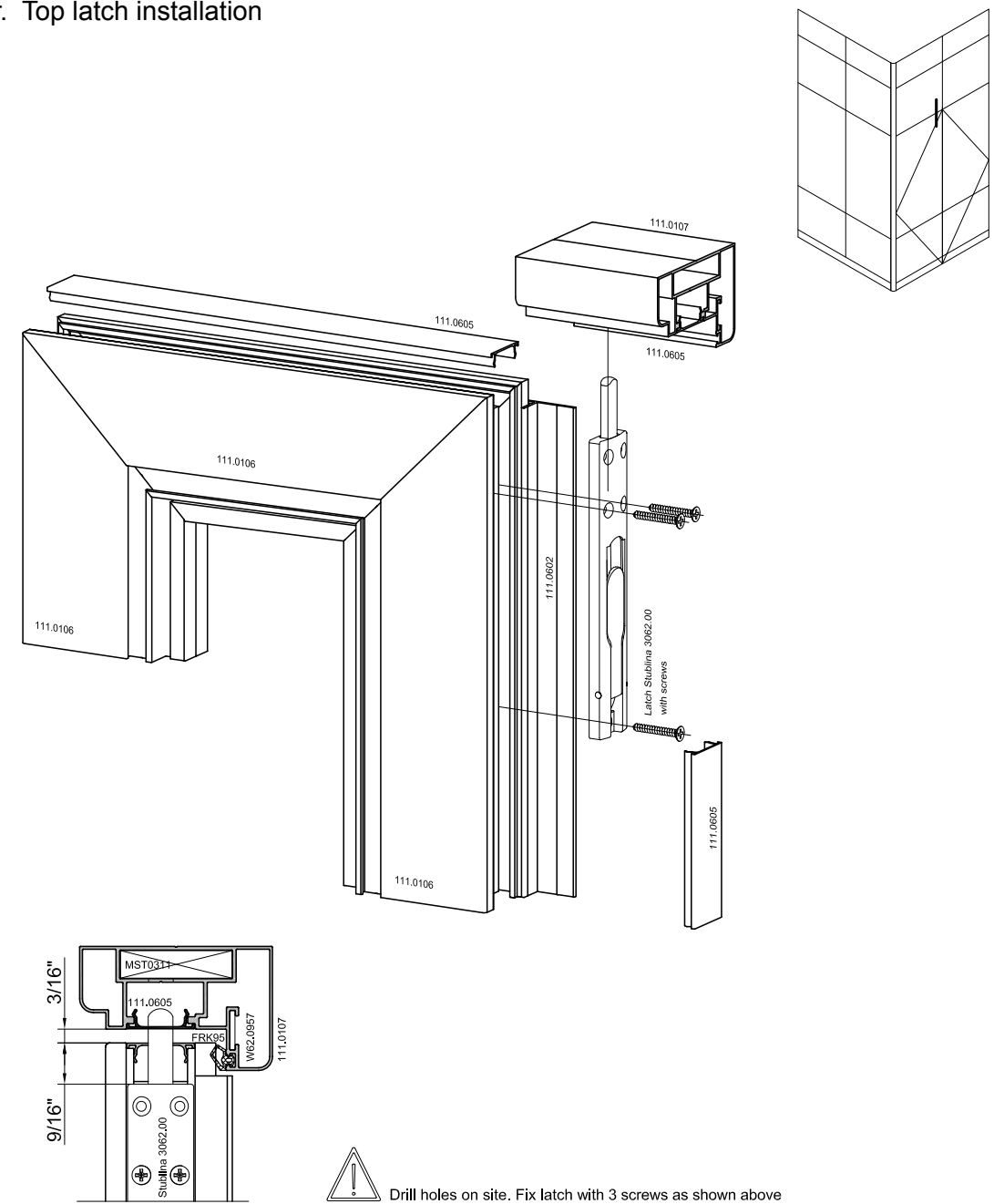
Double door



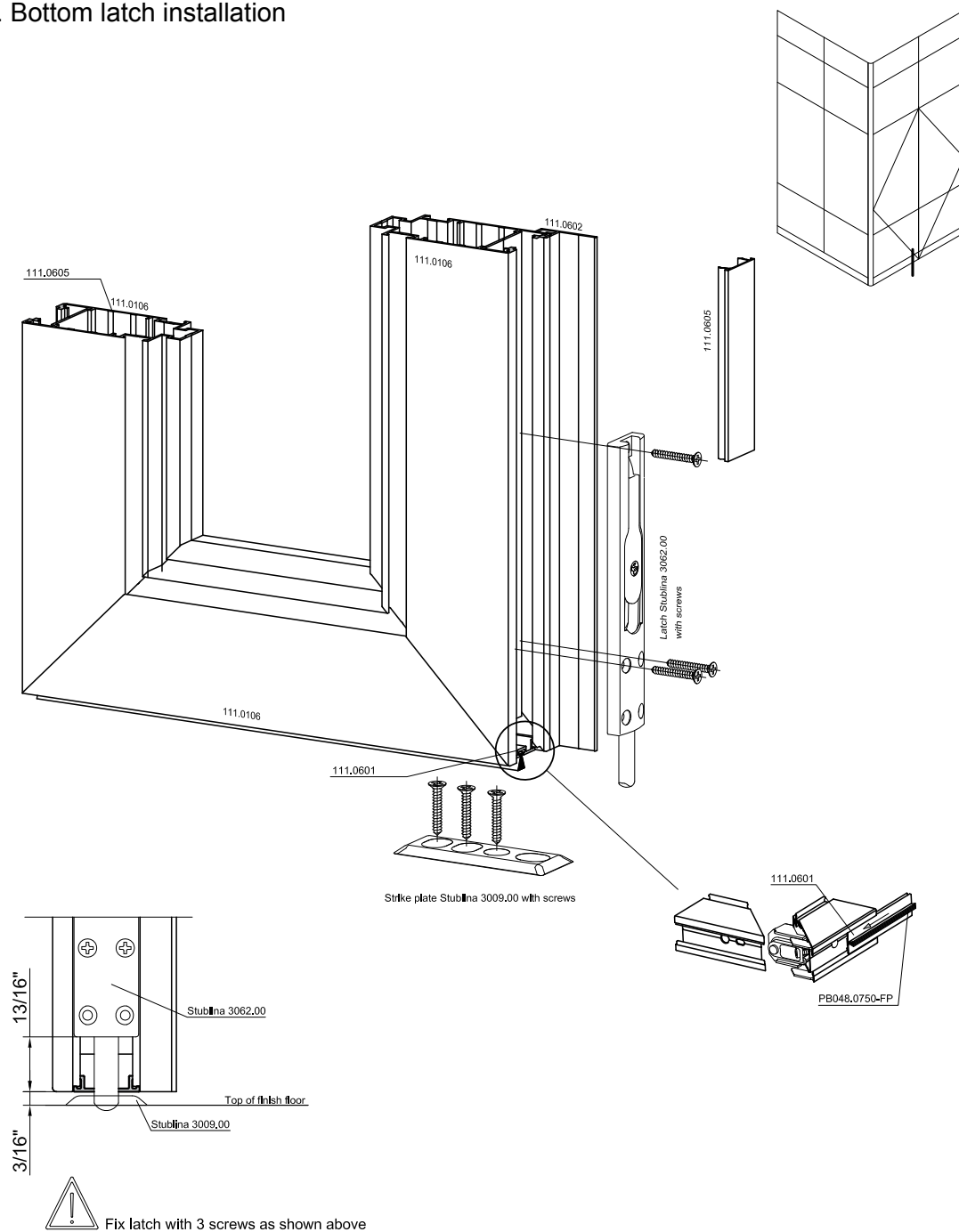
## Meeting stiles. Section



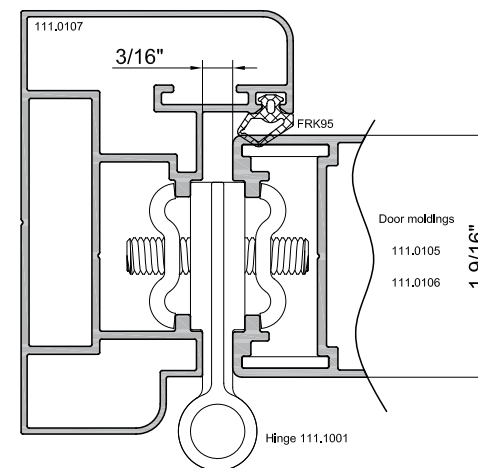
## Passive door. Top latch installation



## Passive door. Bottom latch installation

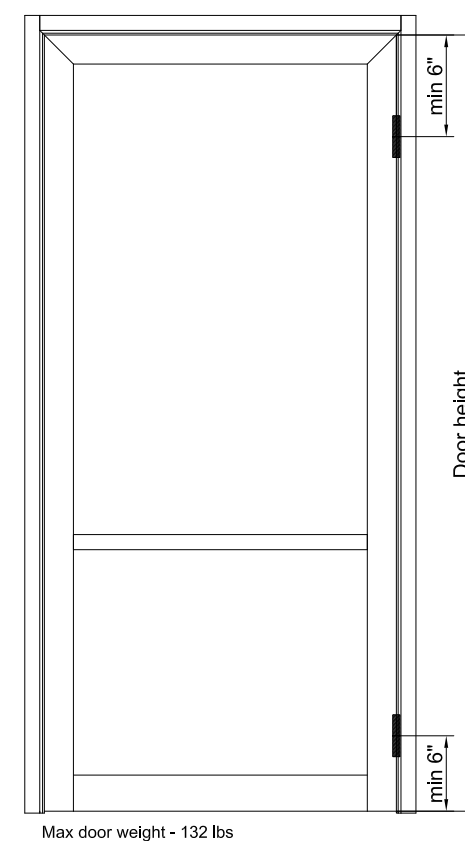


## Hinges installation

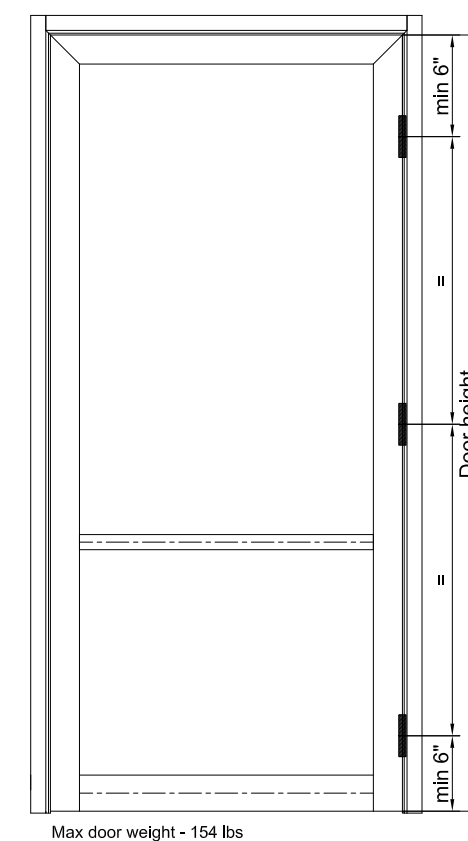


## Recommended heights

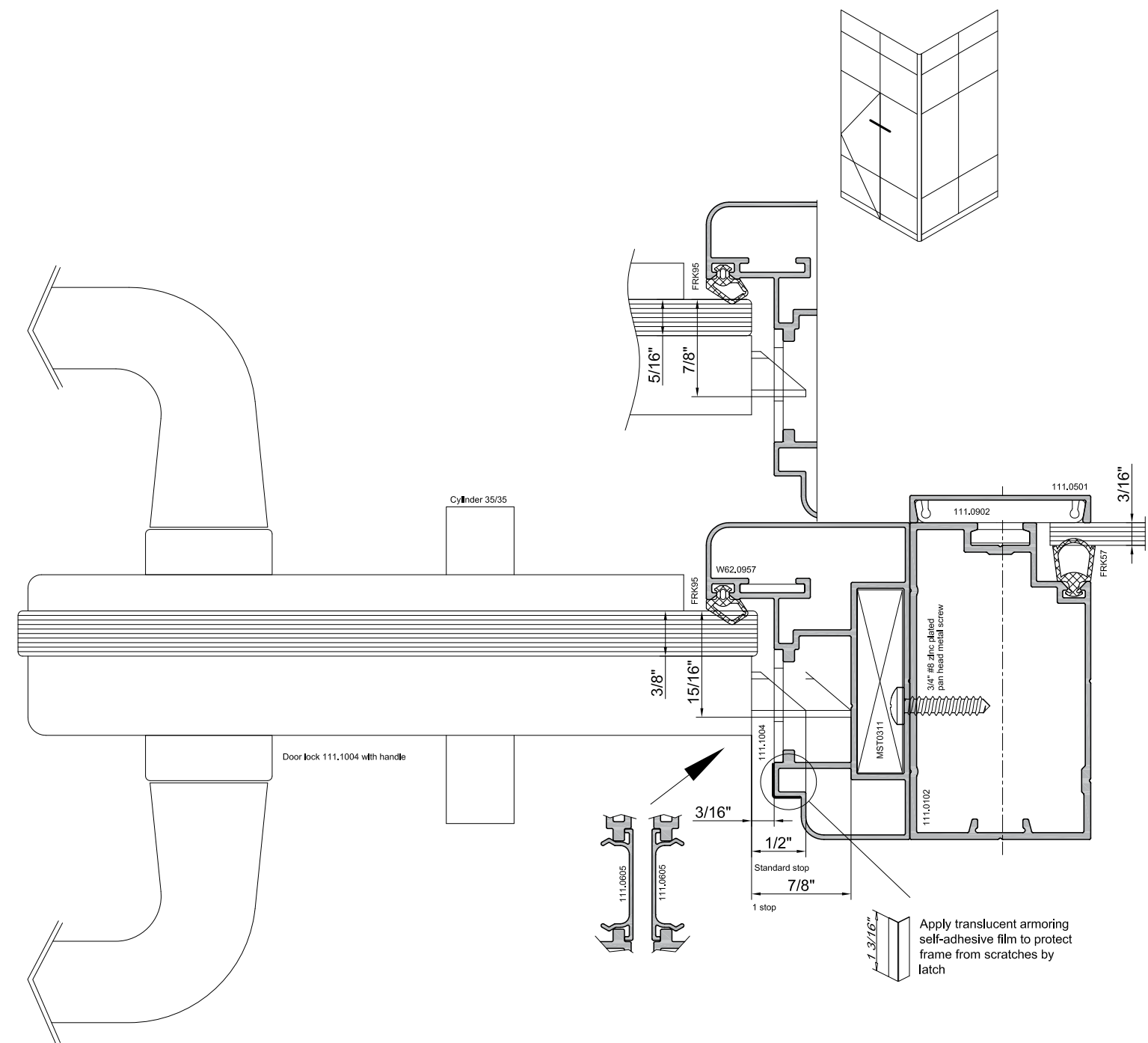
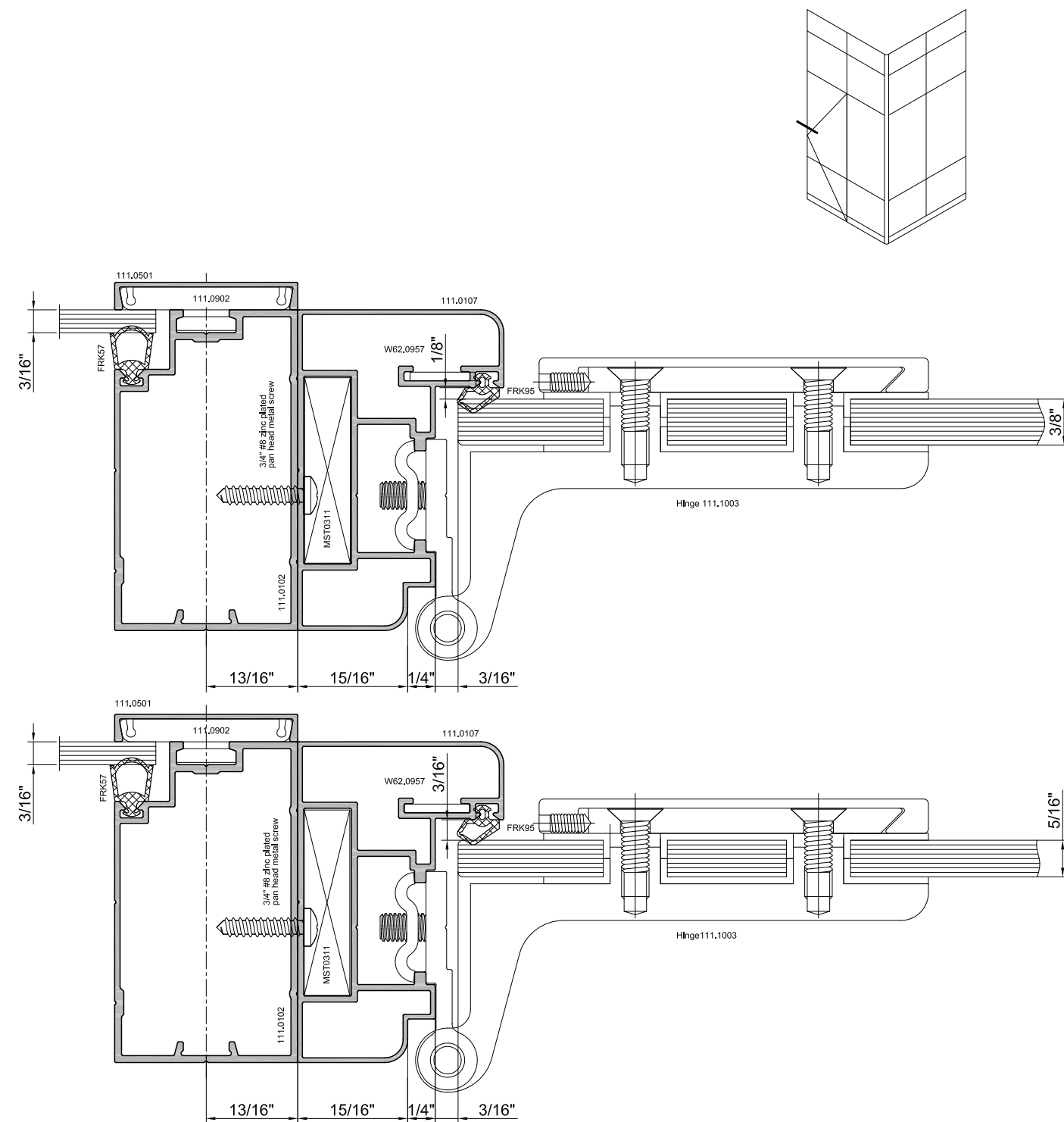
### Two hinges

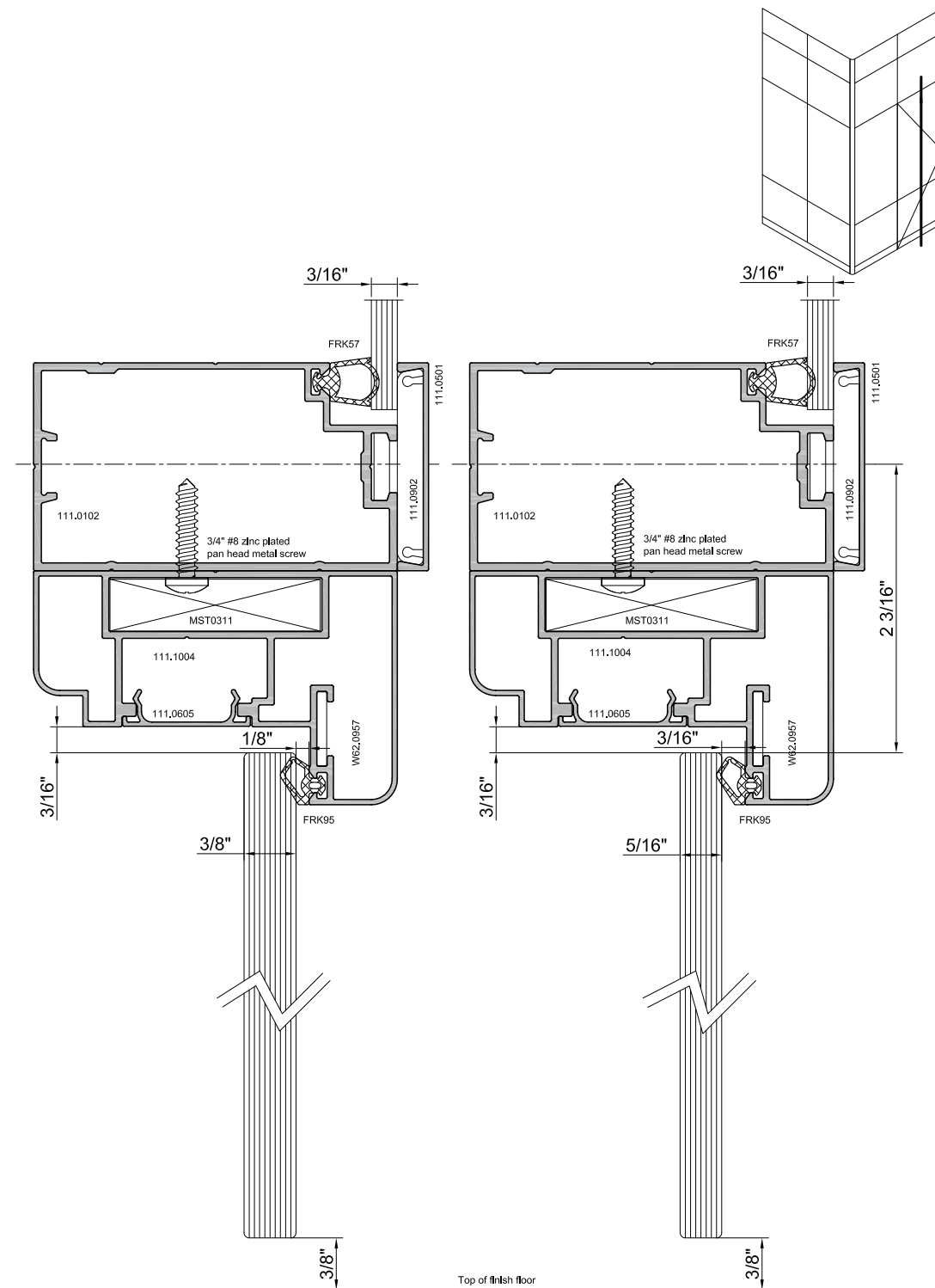


### Three hinges

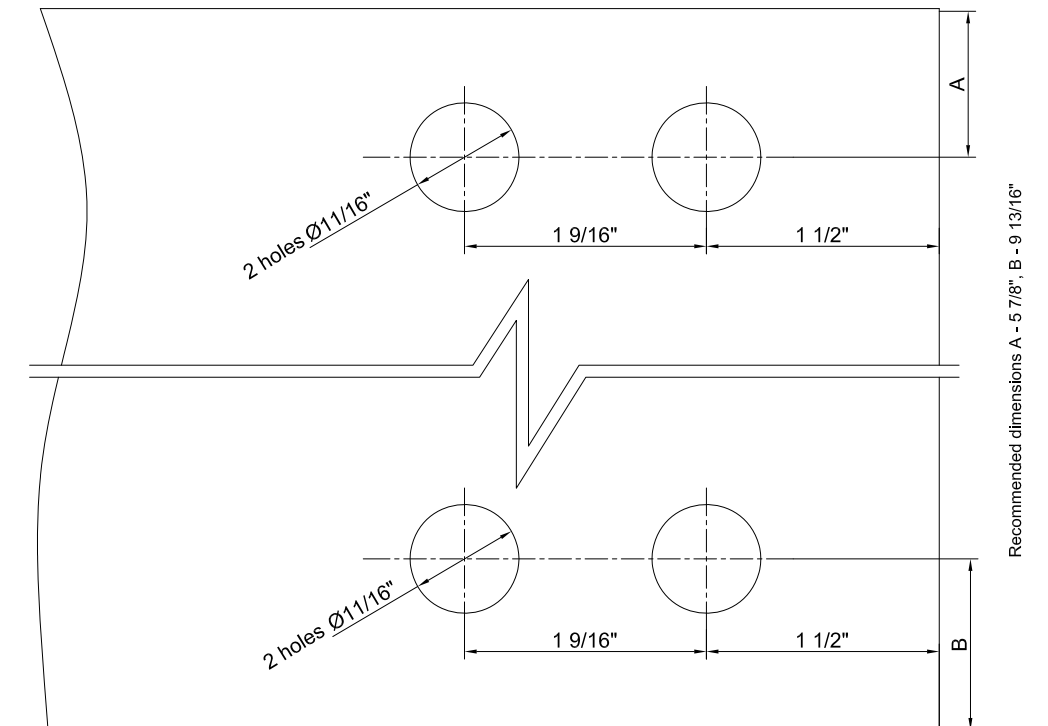


## GLASS DOORS. SECTIONS

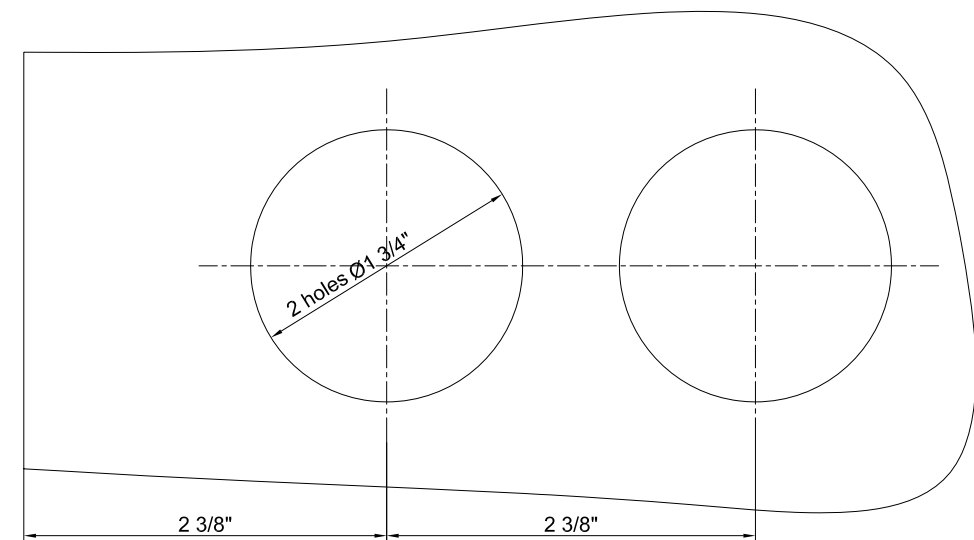




### Glass fabrication for 111.1003 hinge installation

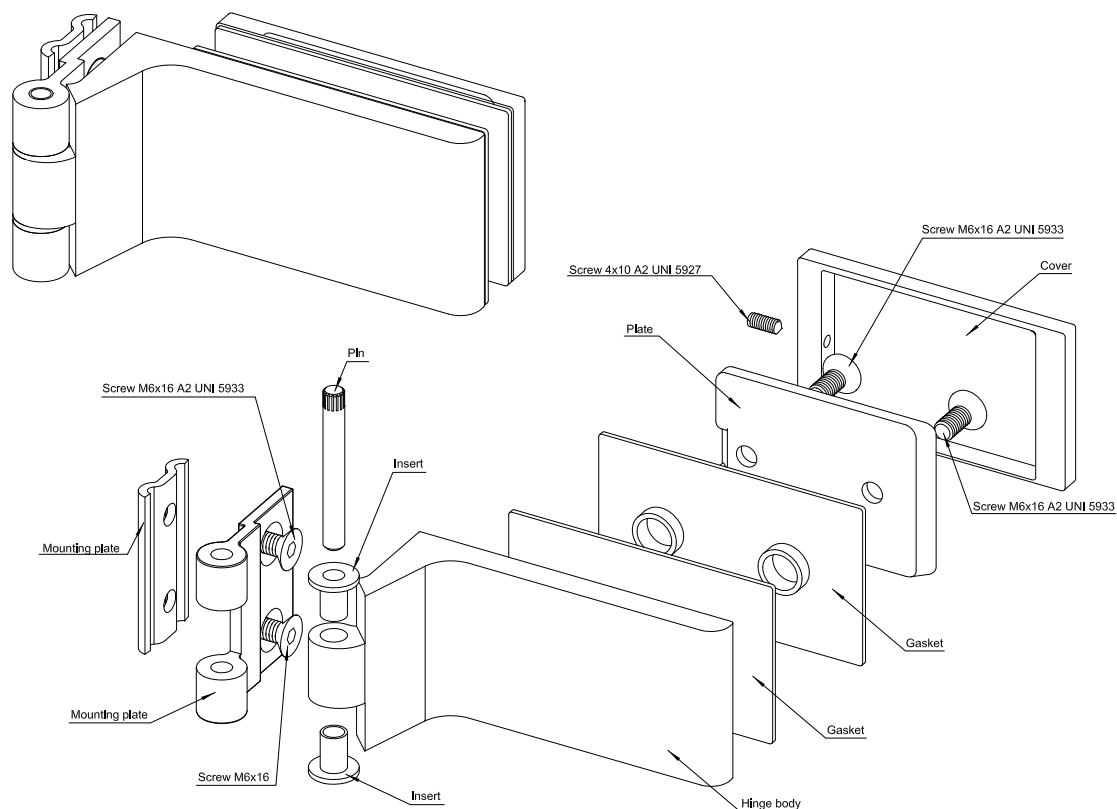


Glass fabrication for 111.1004 lock installation

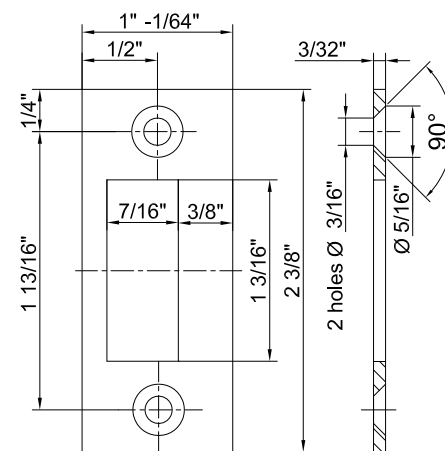




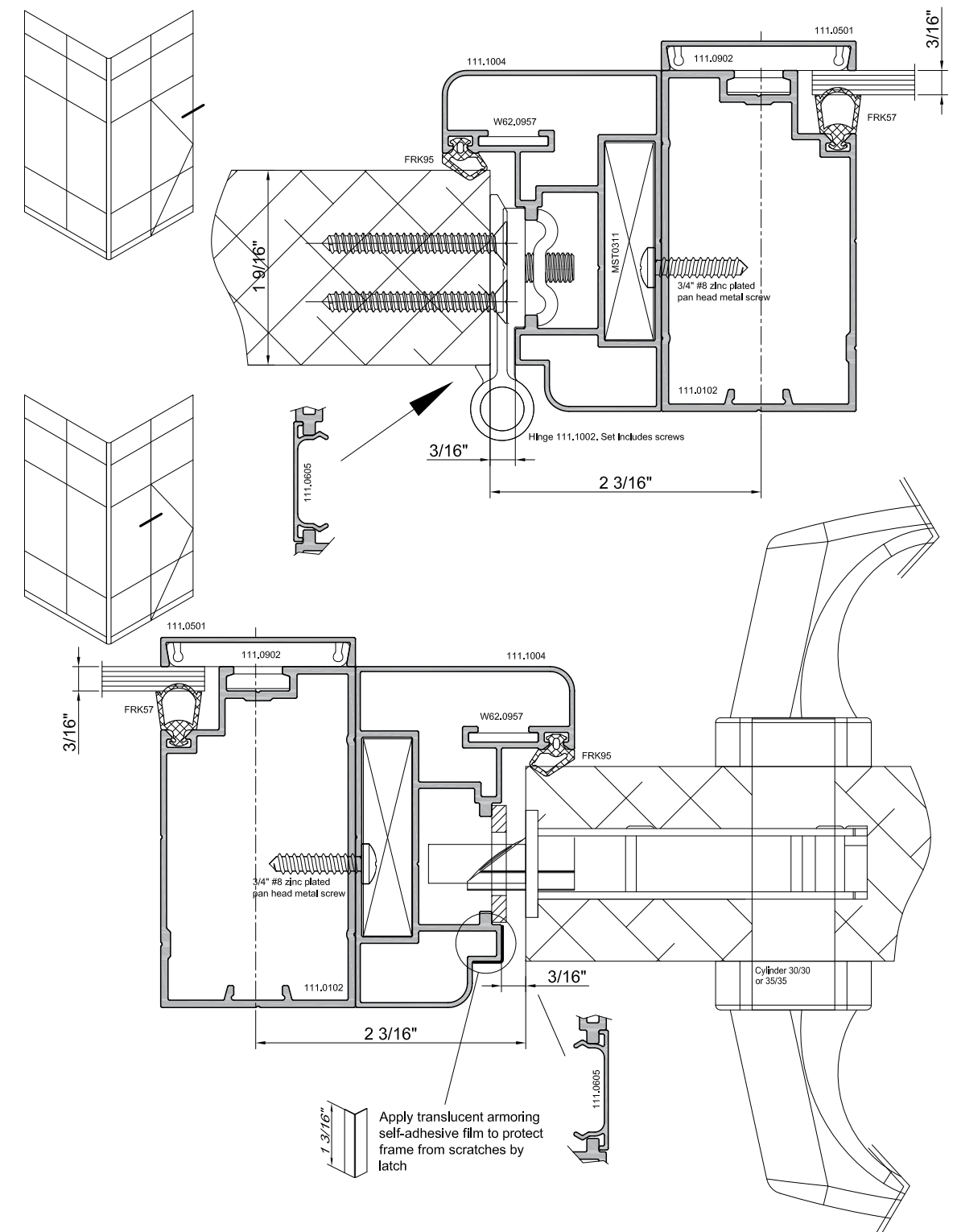
## All glass door hinge components

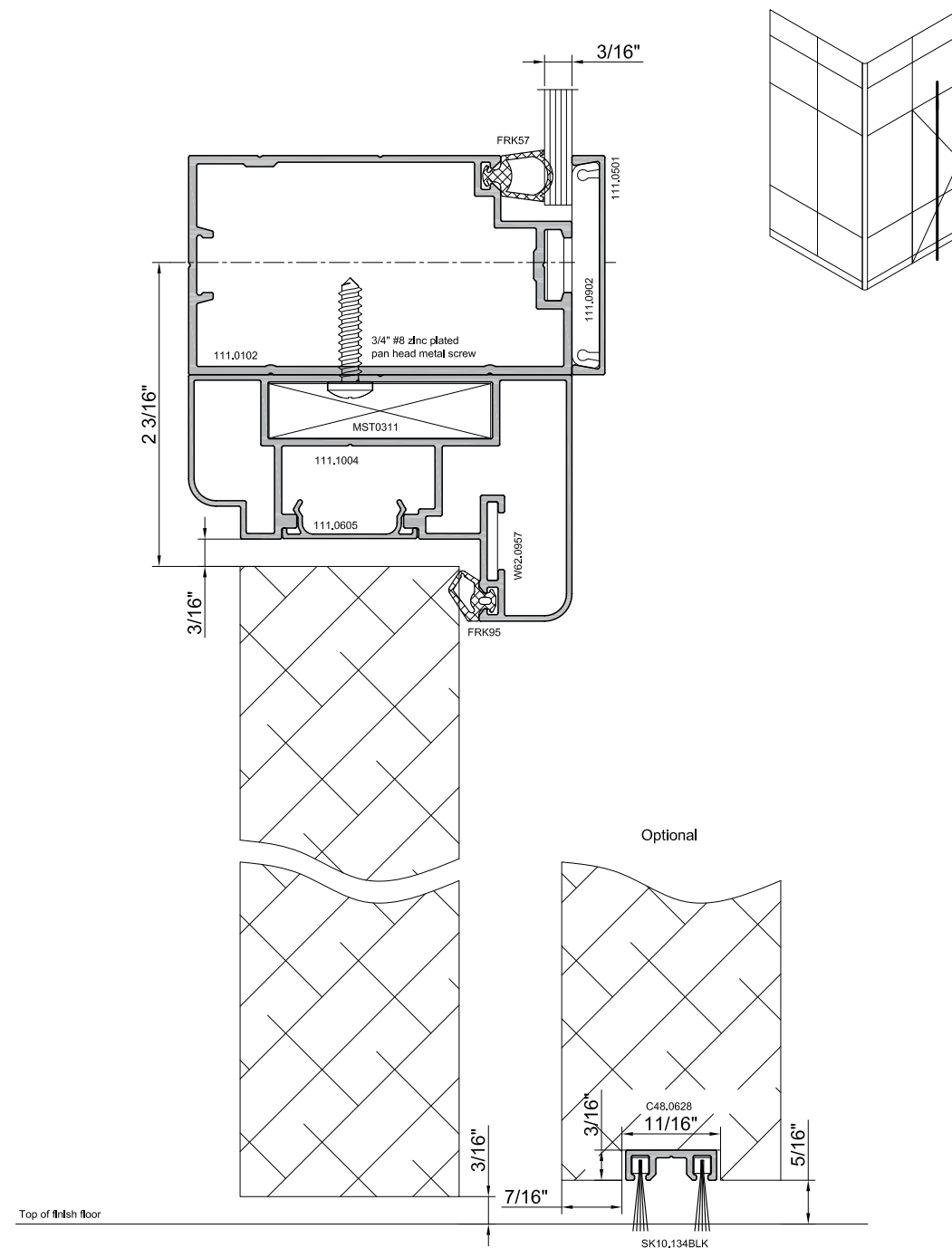


## Strike plate for 111.1004 (supplied with lock)

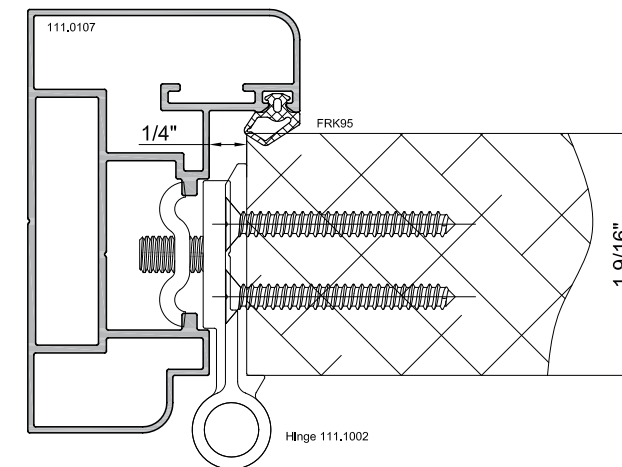


## SOLID CORE DOORS. SECTIONS



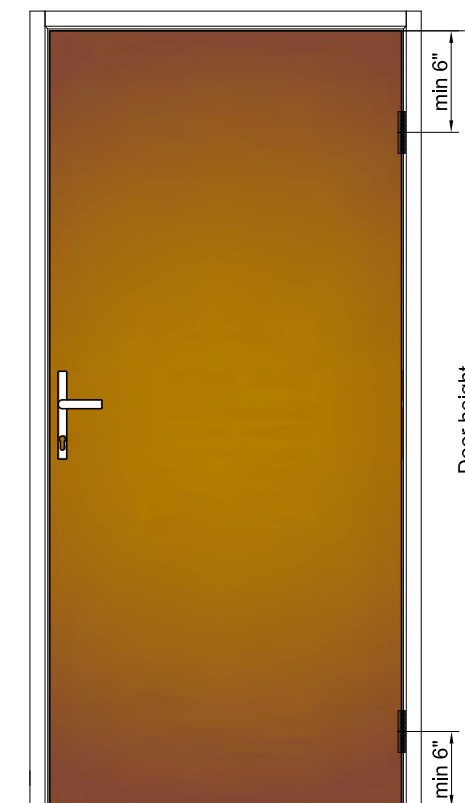


## Hinges installation

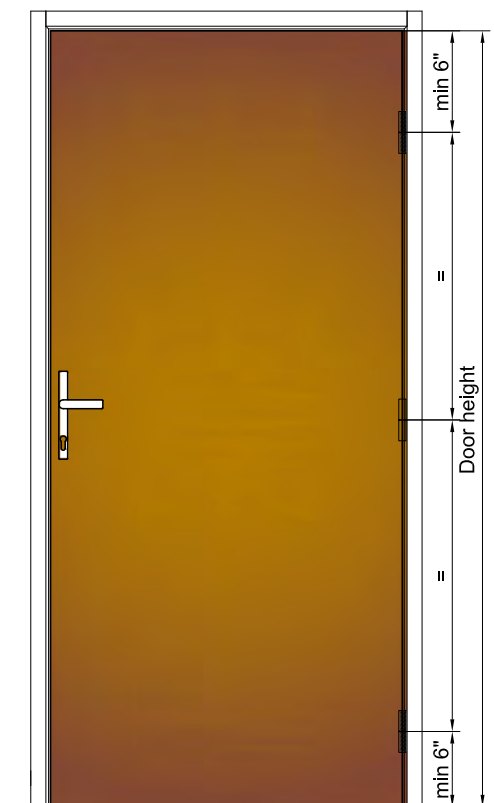


## Recommended heights

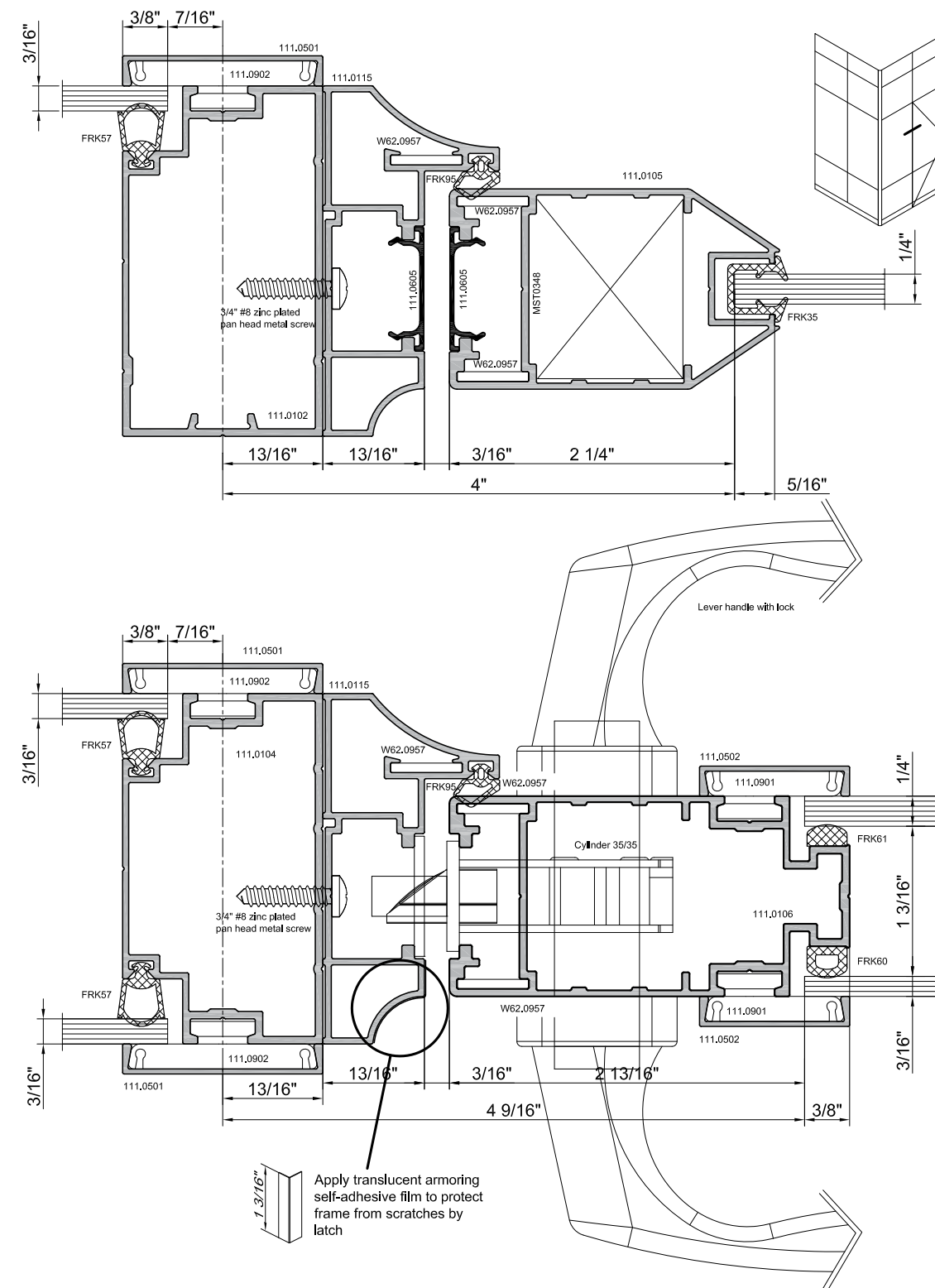
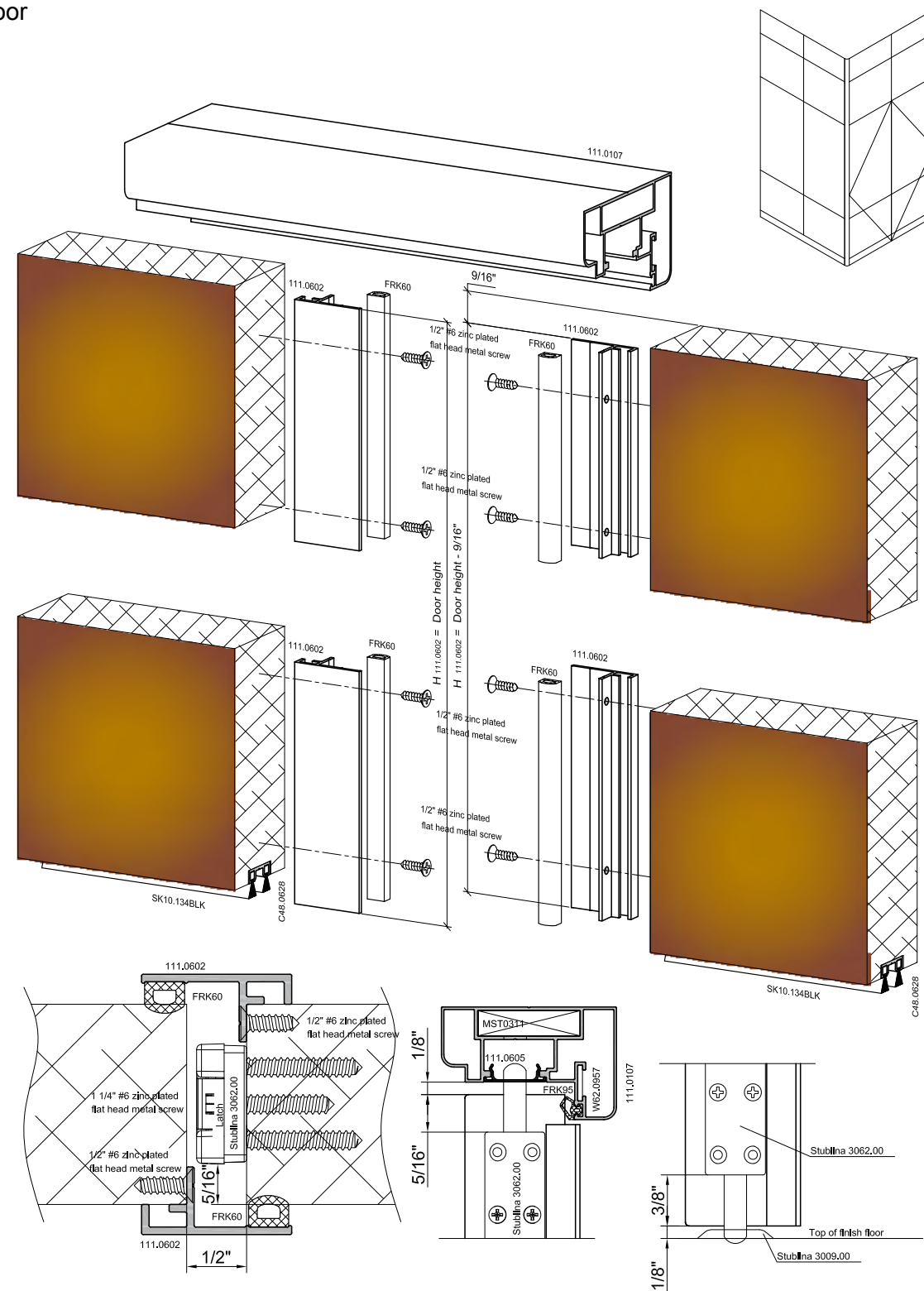
### Two hinges

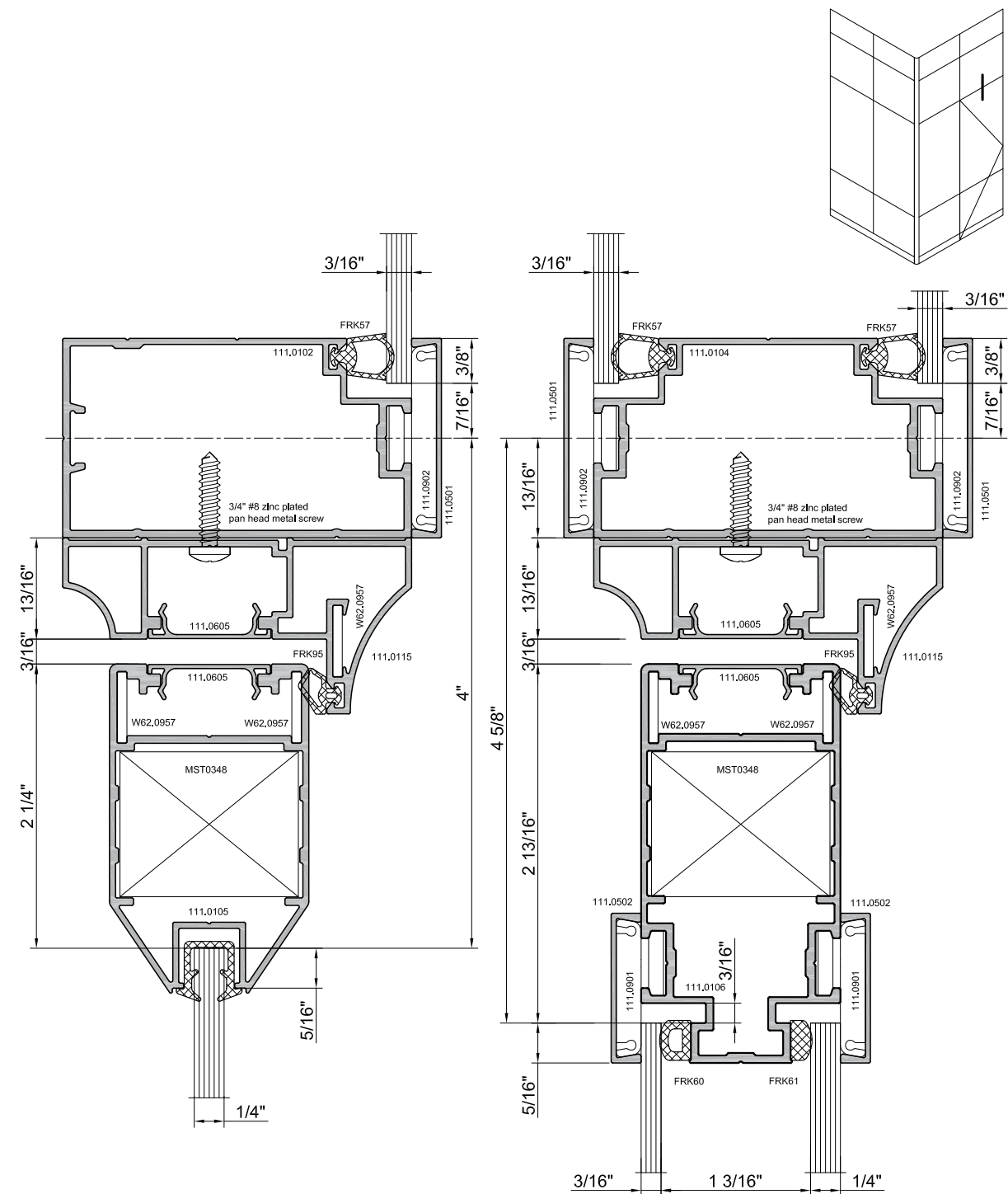
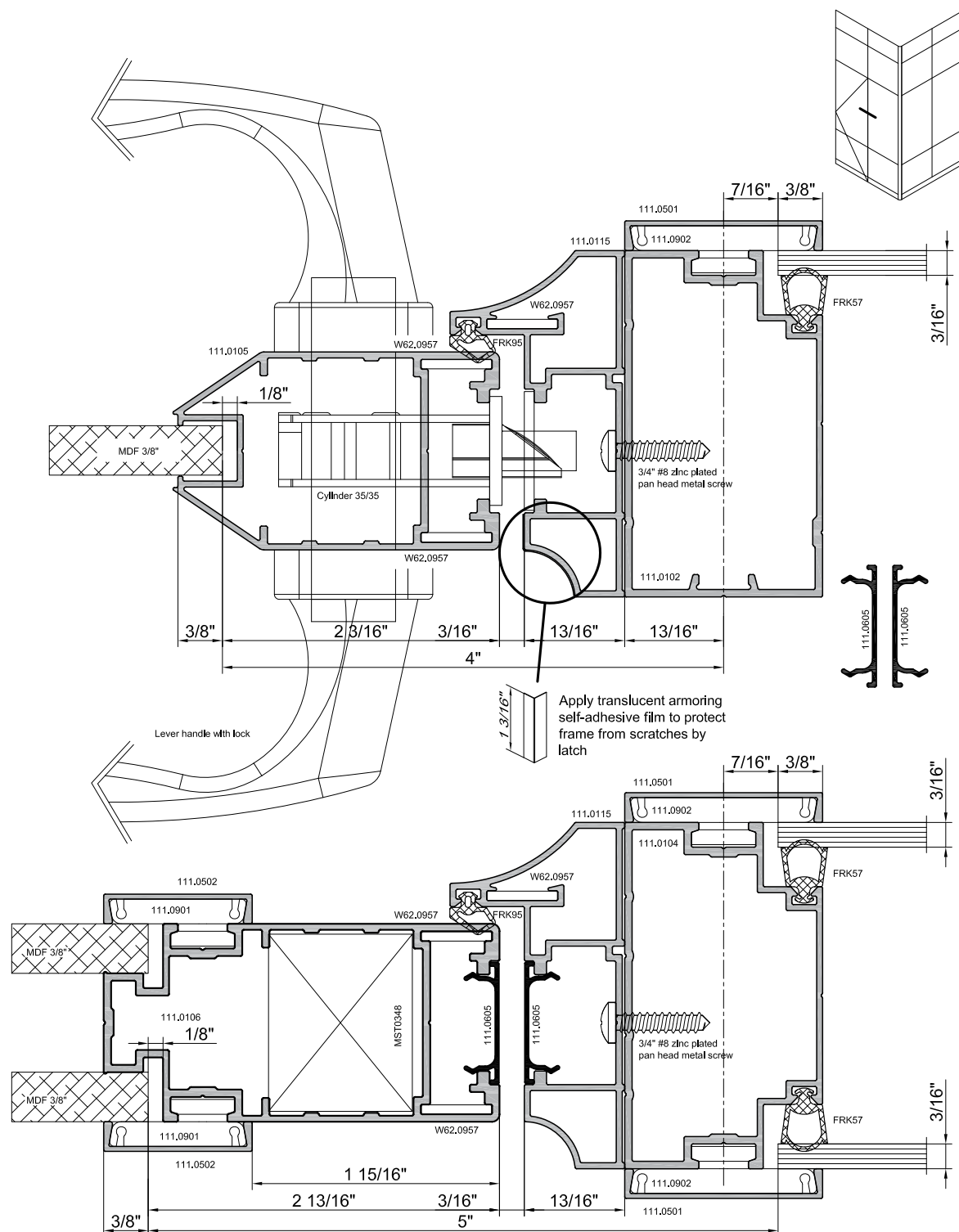


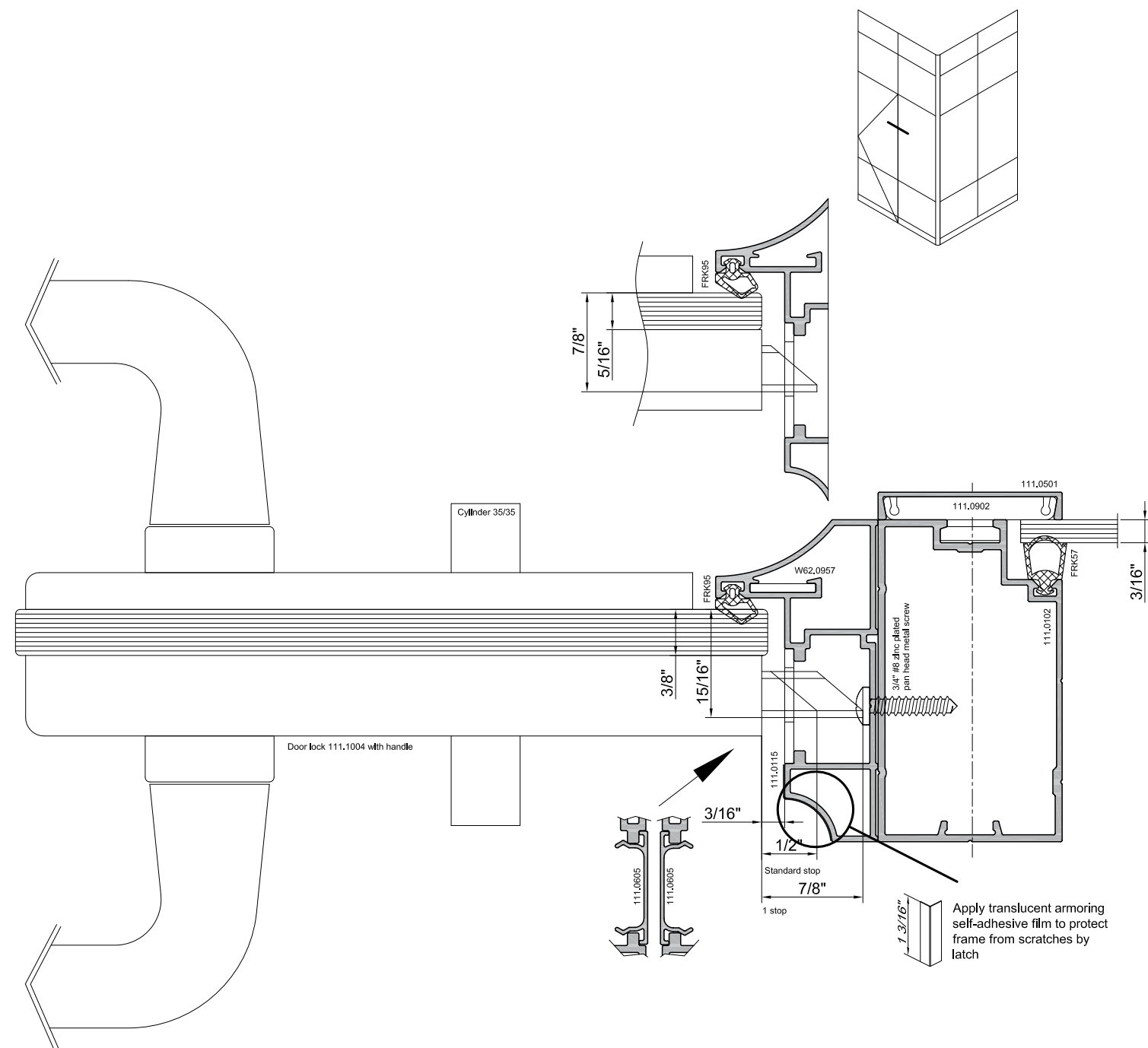
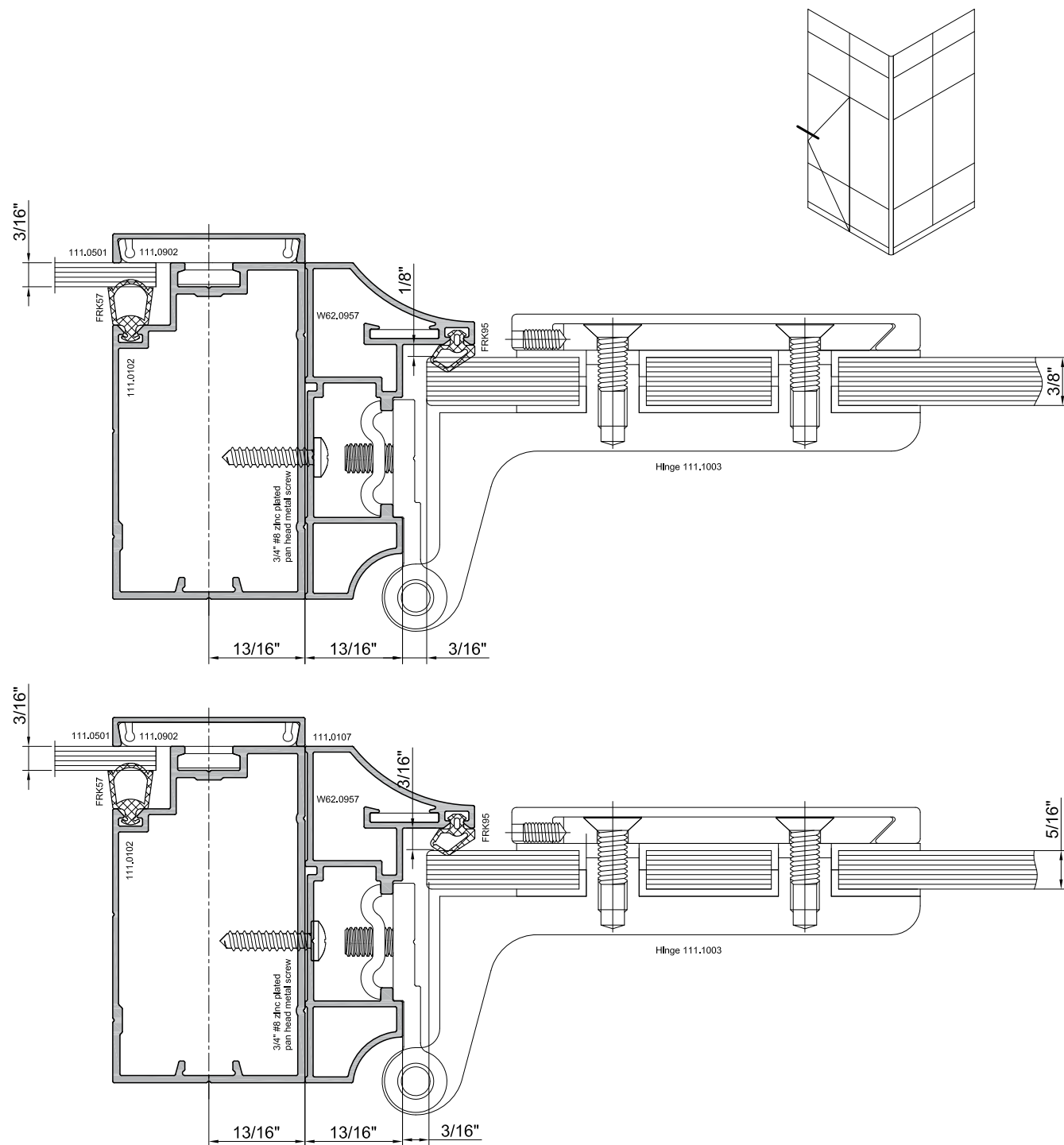
### Three hinges



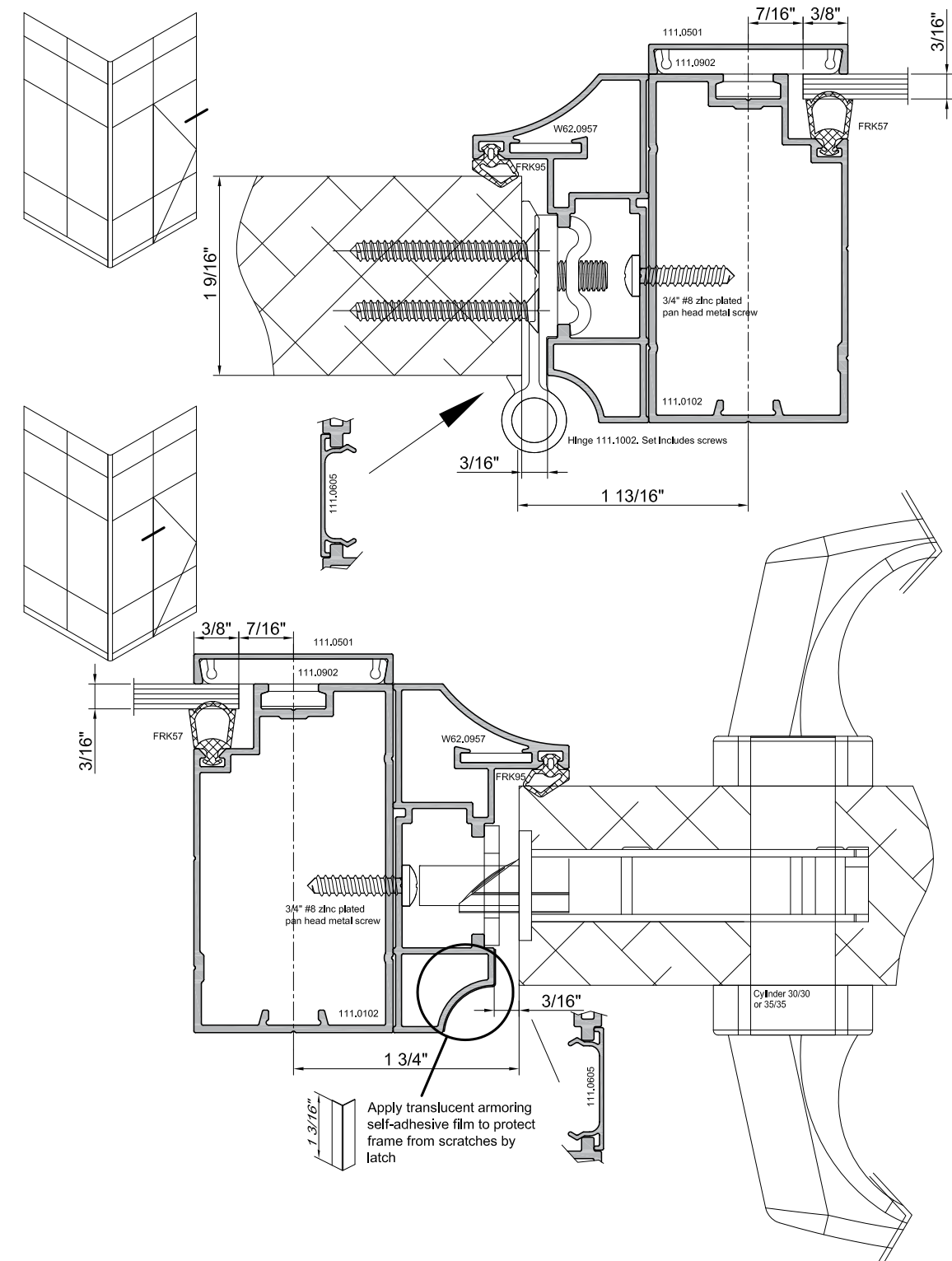
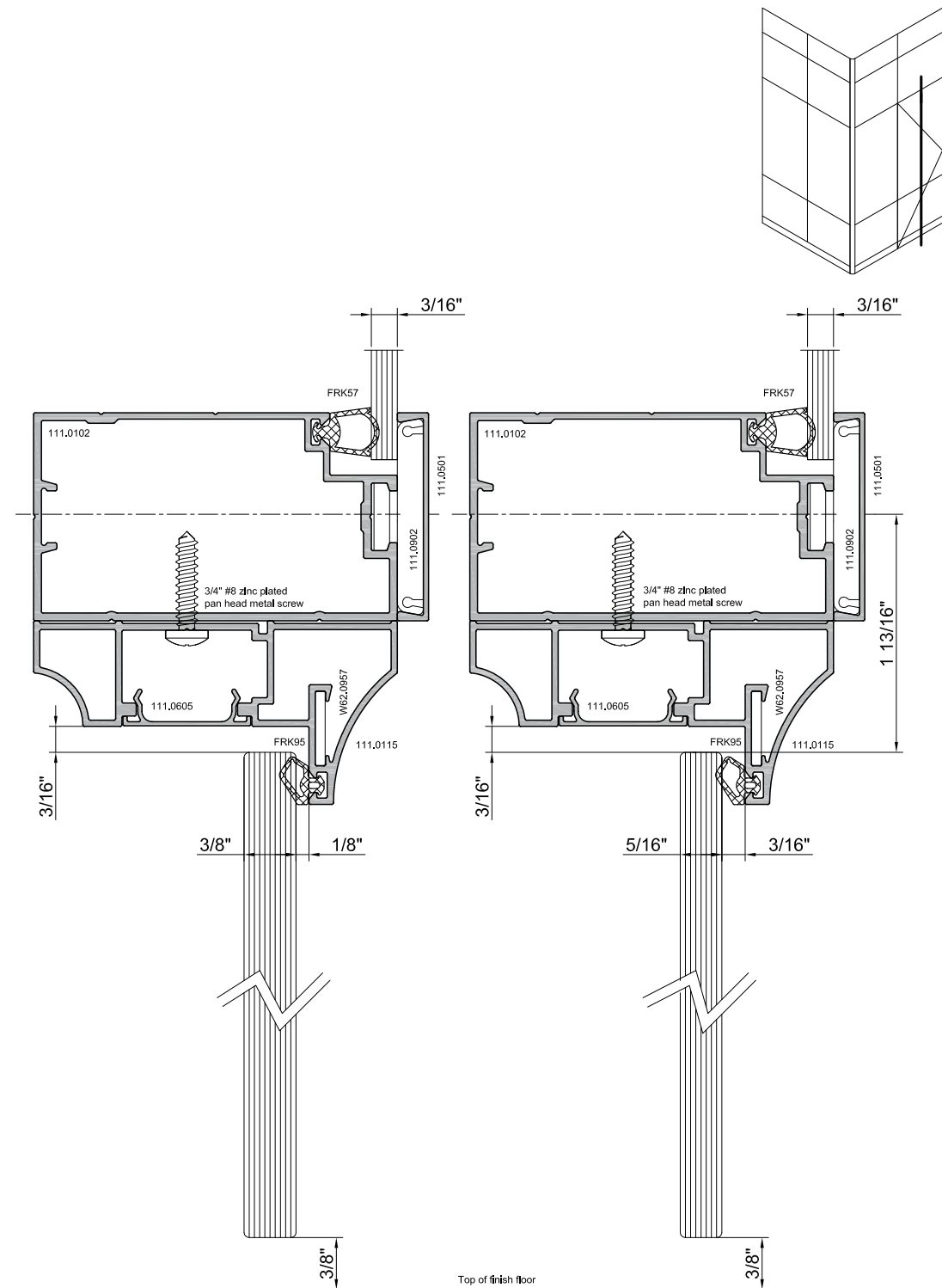
## Double door

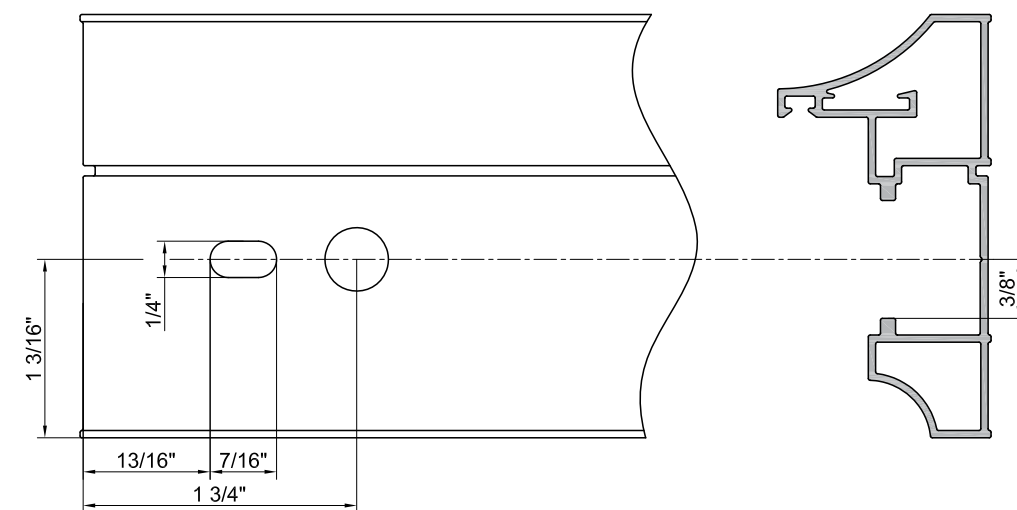
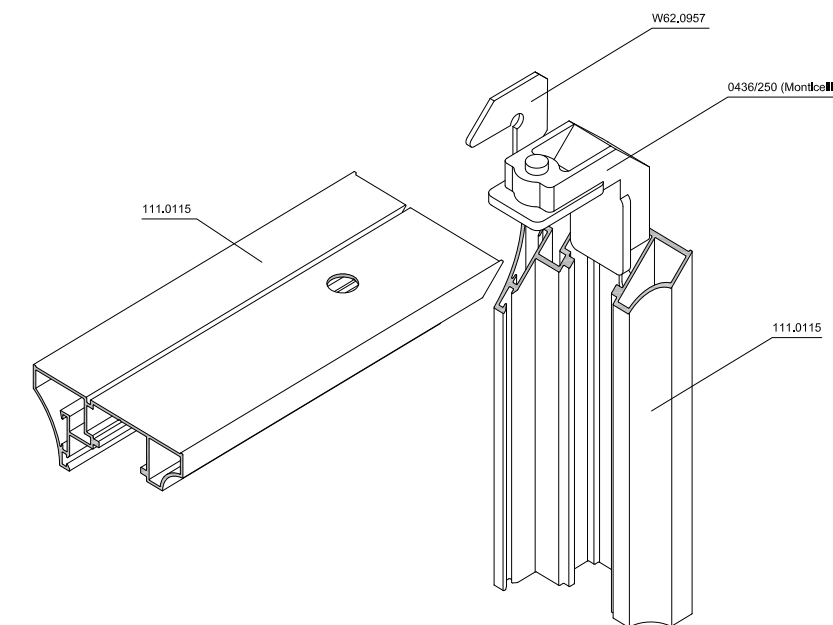
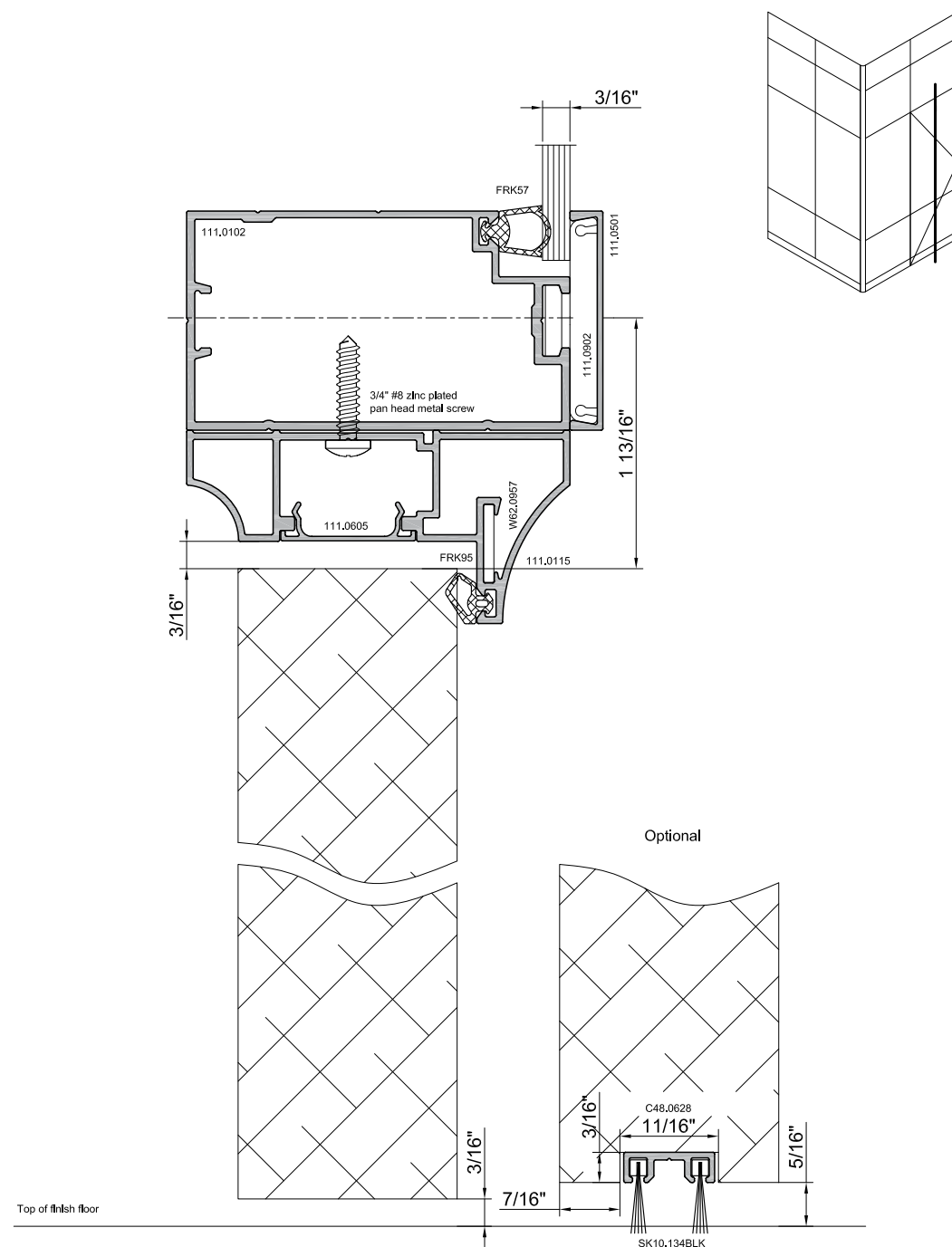






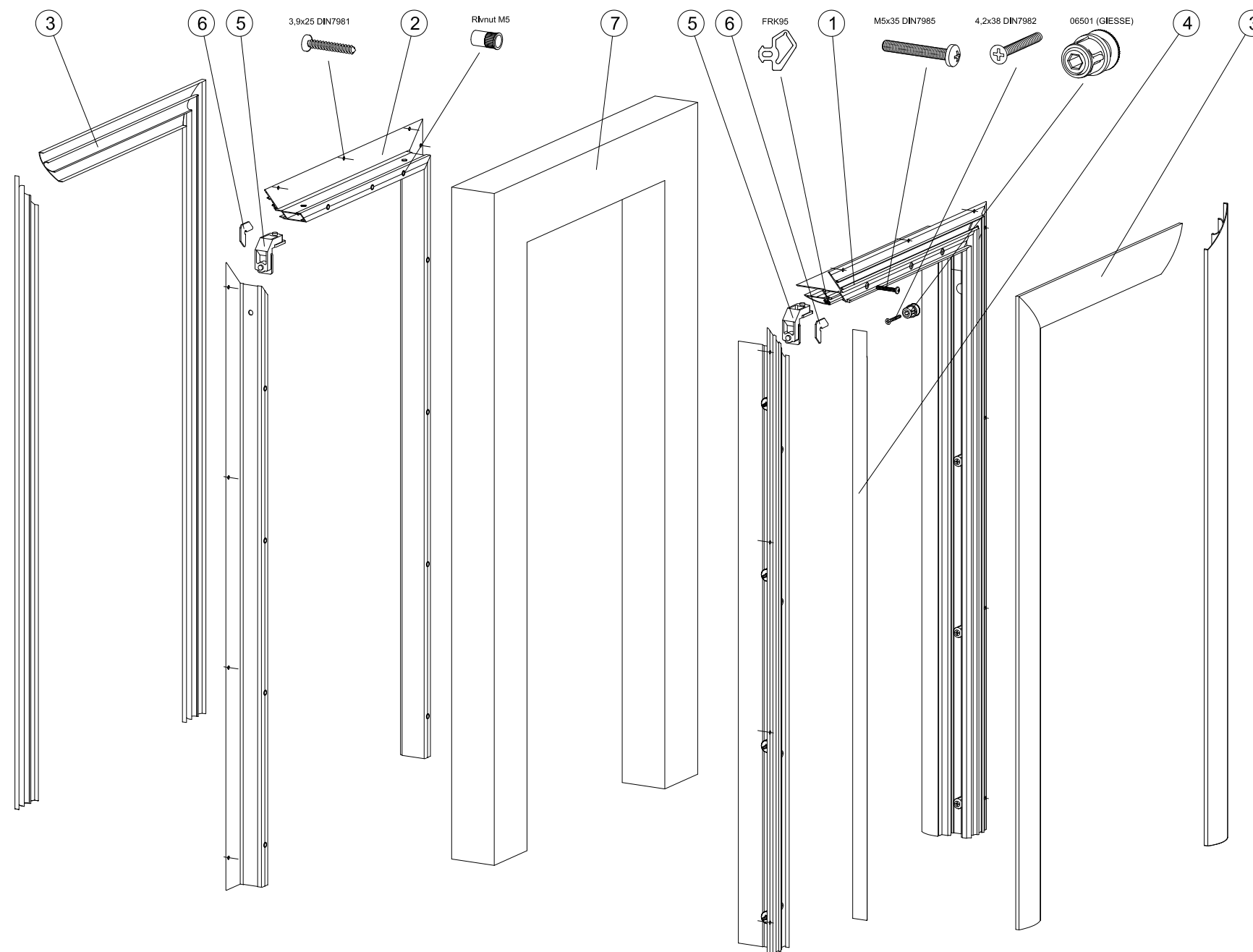






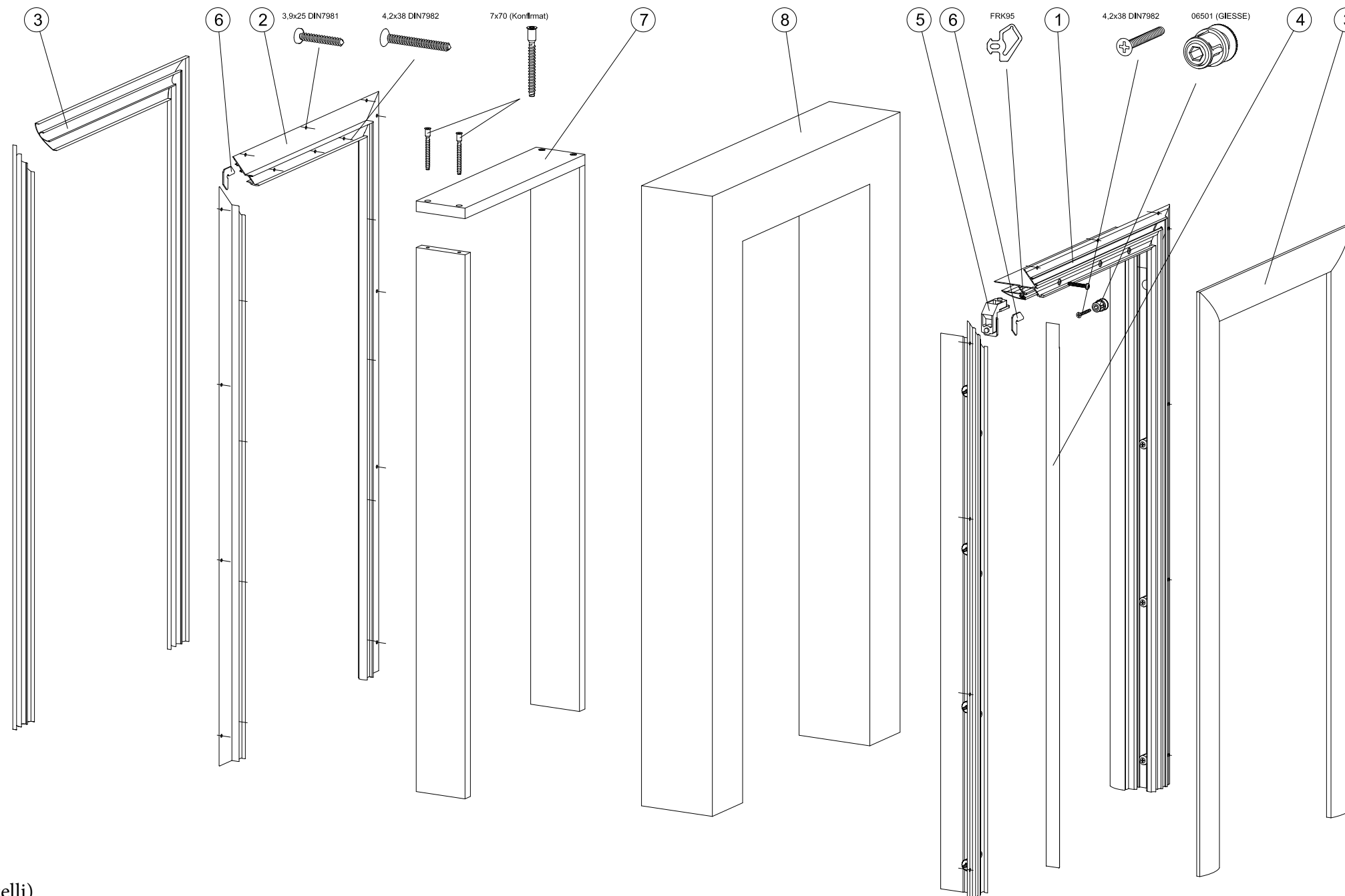
## ALUMINUM TRIM FOR OPENINGS

Typical combination of profiles for openings with wall thickness 2 15/16" to 4 1/8" and 4 1/8" to 5 5/16"



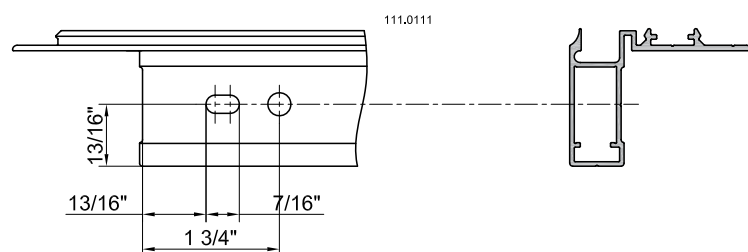
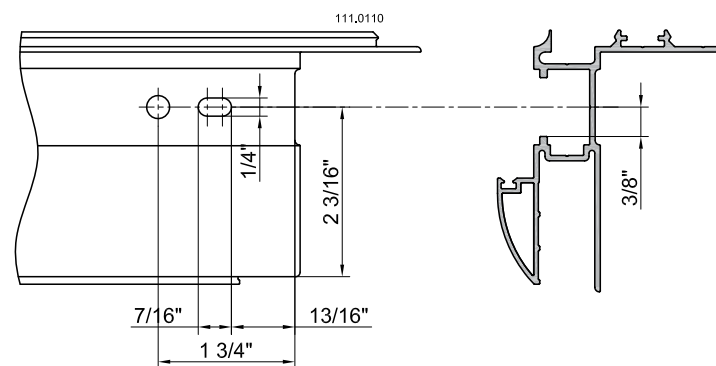
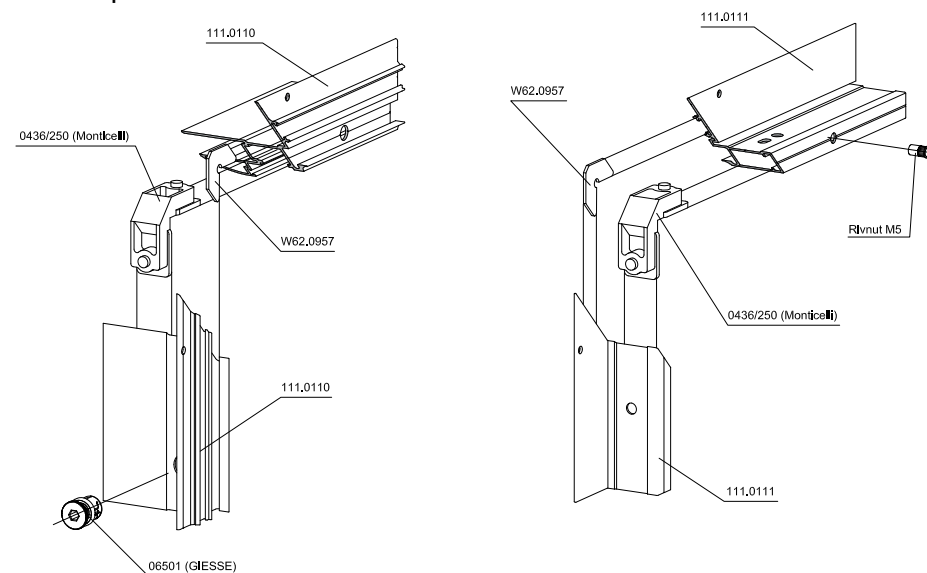
- 1 - Door frame 111.0110
- 2 - Door frame 111.0111 or 111.0112
- 3 - Beauty cap 111.0114
- 4 - Snap in cover 111.0605
- 5 - Corner connector 0436/250 (Monticelli)
- 6 - Corner connector W62.0957
- 7 - Opening

Typical combination of profiles for openings with wall thickness 5 5/16" to 10 5/8"

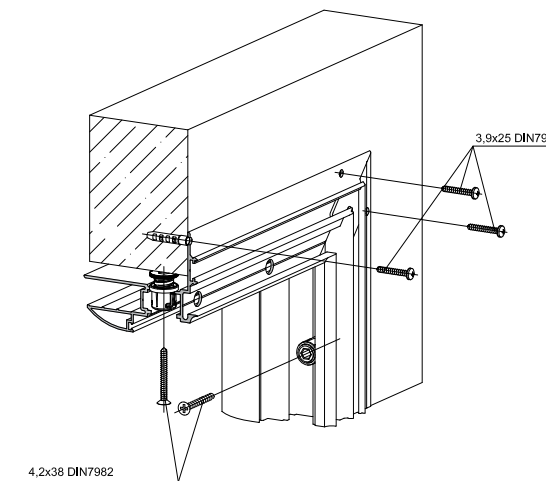


- 1 - Door frame 111.0110
- 2 - Door frame 111.0113
- 3 - Beauty cap 111.0114
- 4 - Snap in cover 111.0605
- 5 - Corner connector 0436/250 (Monticelli)
- 6 - Corner connector W62.0957
- 7 - MDF frame (thickness 11/16")
- 8 - Opening

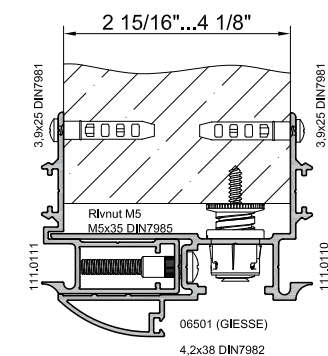
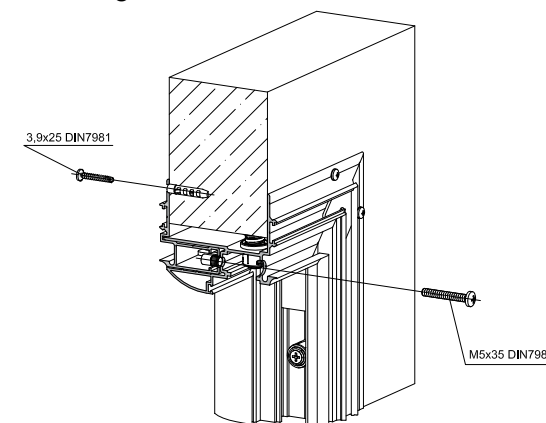
## Corner connection of profiles



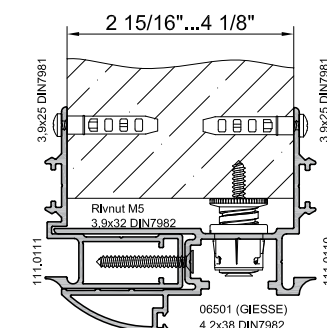
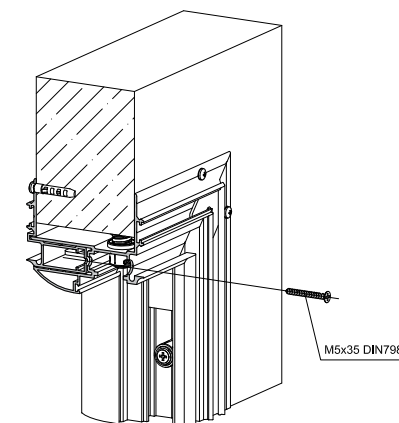
## Attaching profiles together



## Profiles connection using bolts

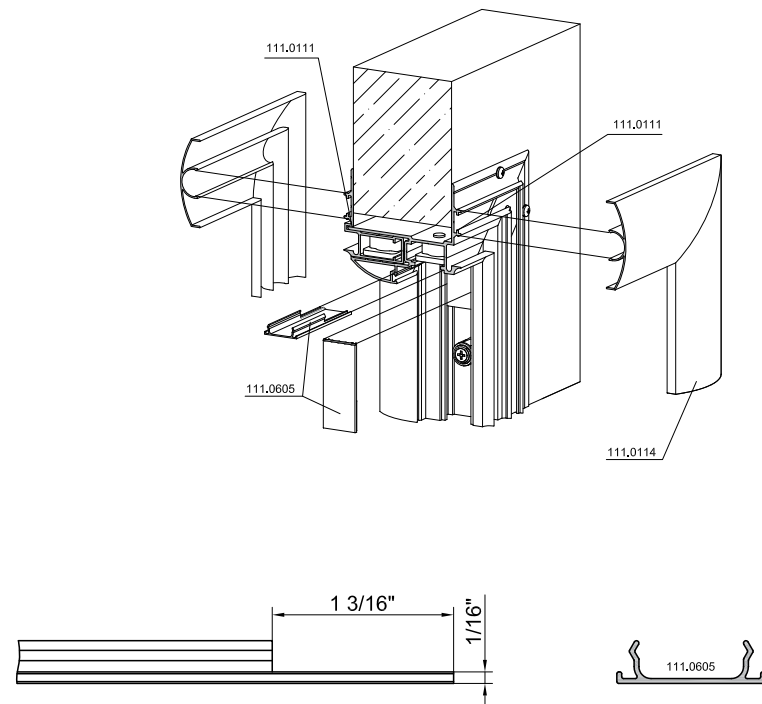


## Profiles connection using screws

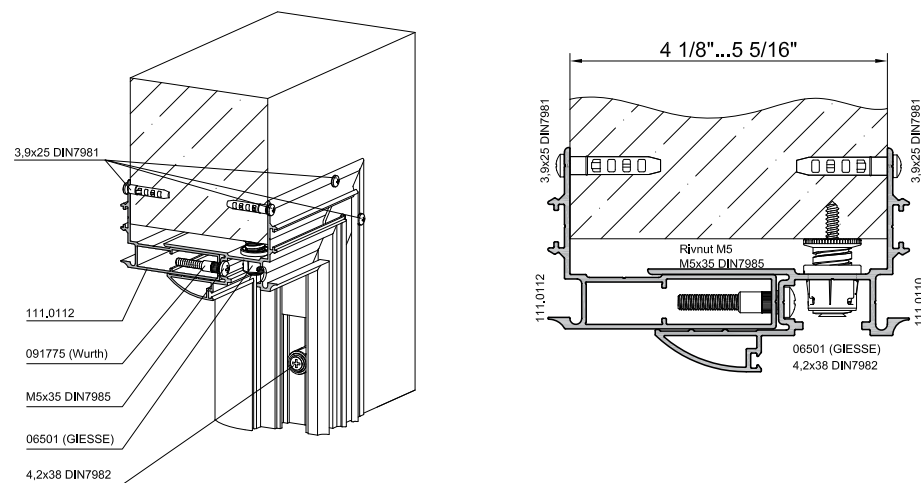




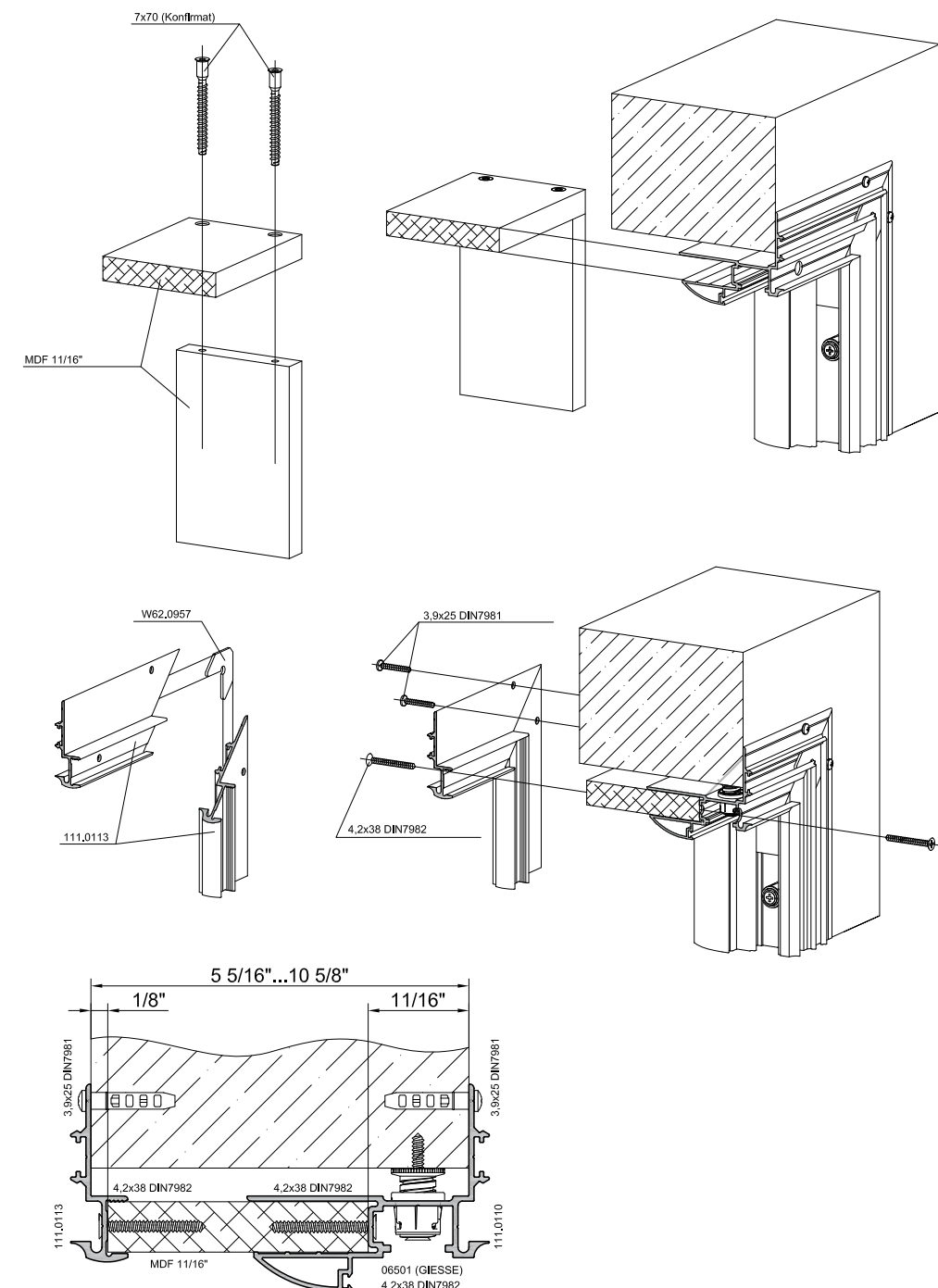
## Cover caps installation



## Option with wall thickness 4 1/8" to 5 5/16"

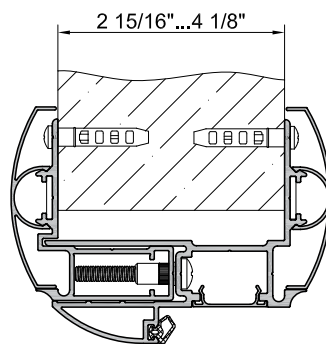


## Option with wall thickness 5 5/16" to 10 5/8"

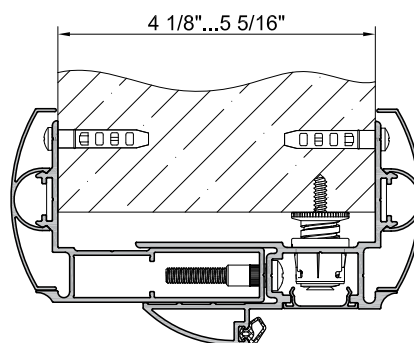


## FRAMED DOORS. SECTIONS

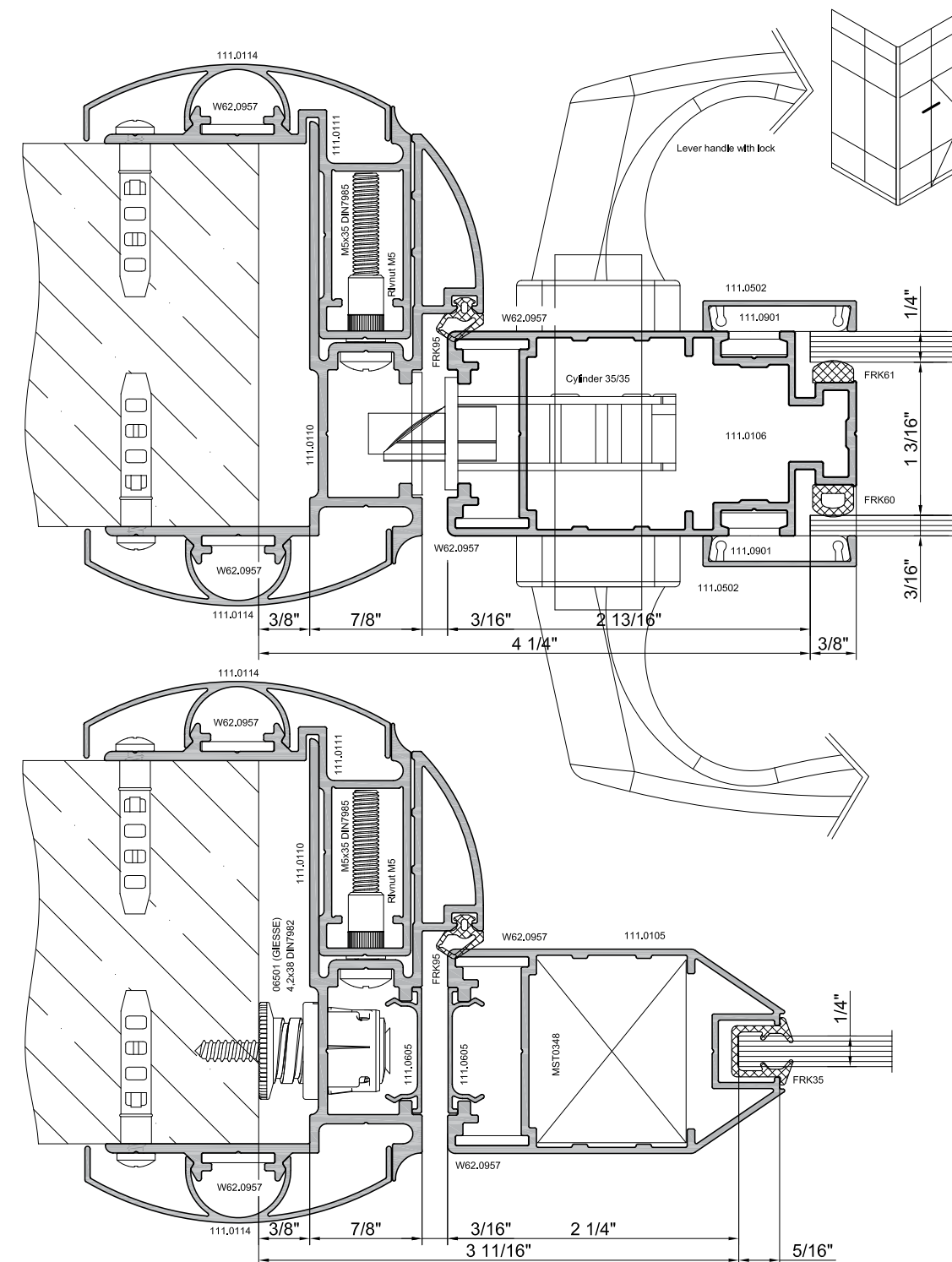
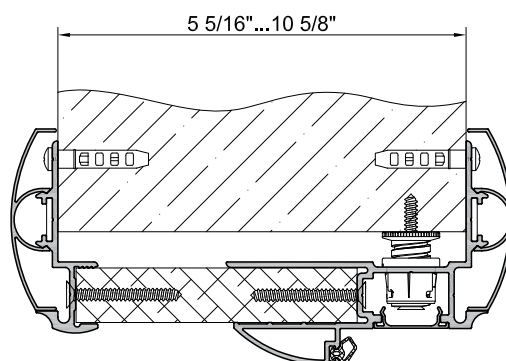
Option with wall thickness 2 15/16" to 4 1/8"

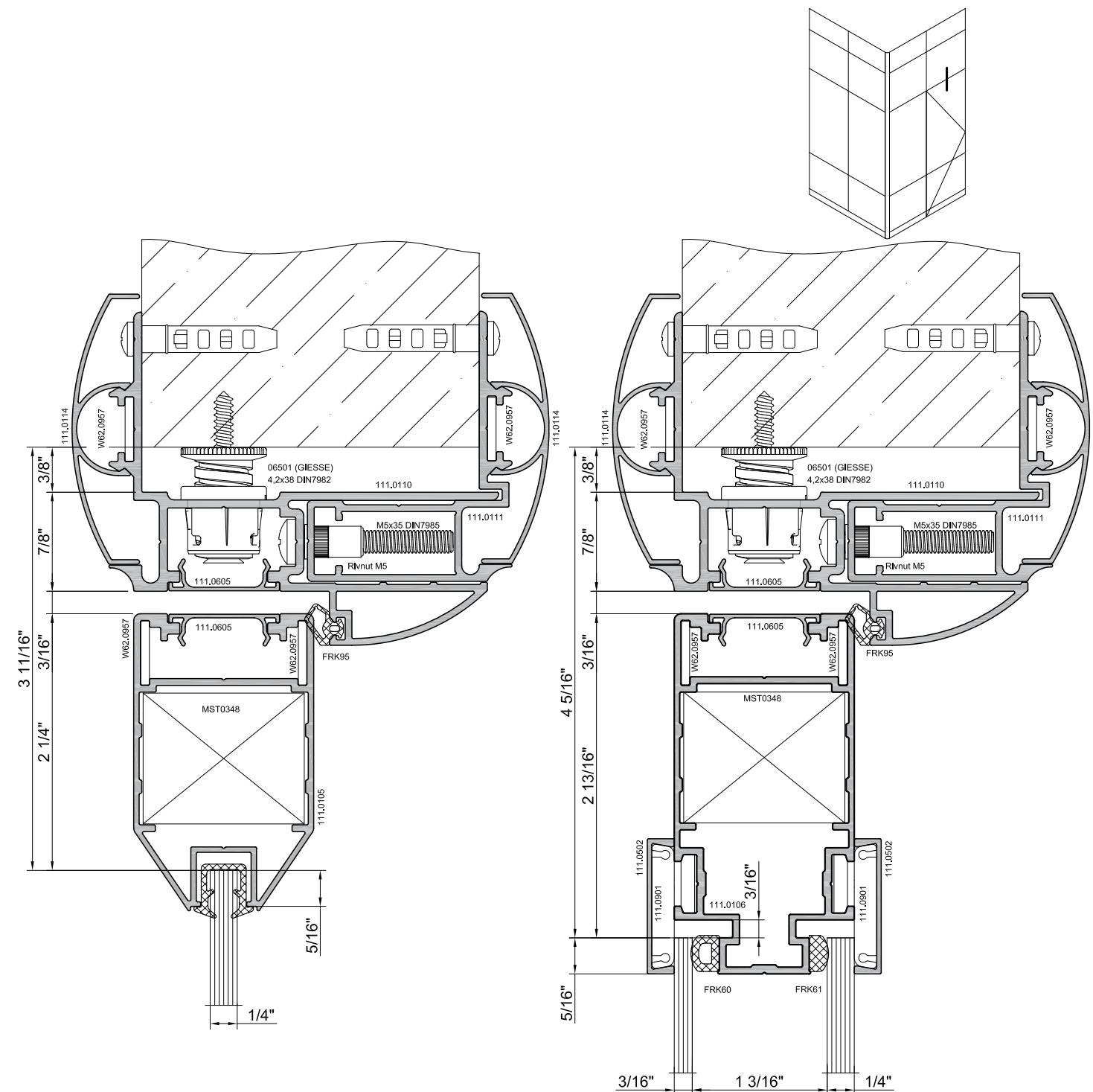
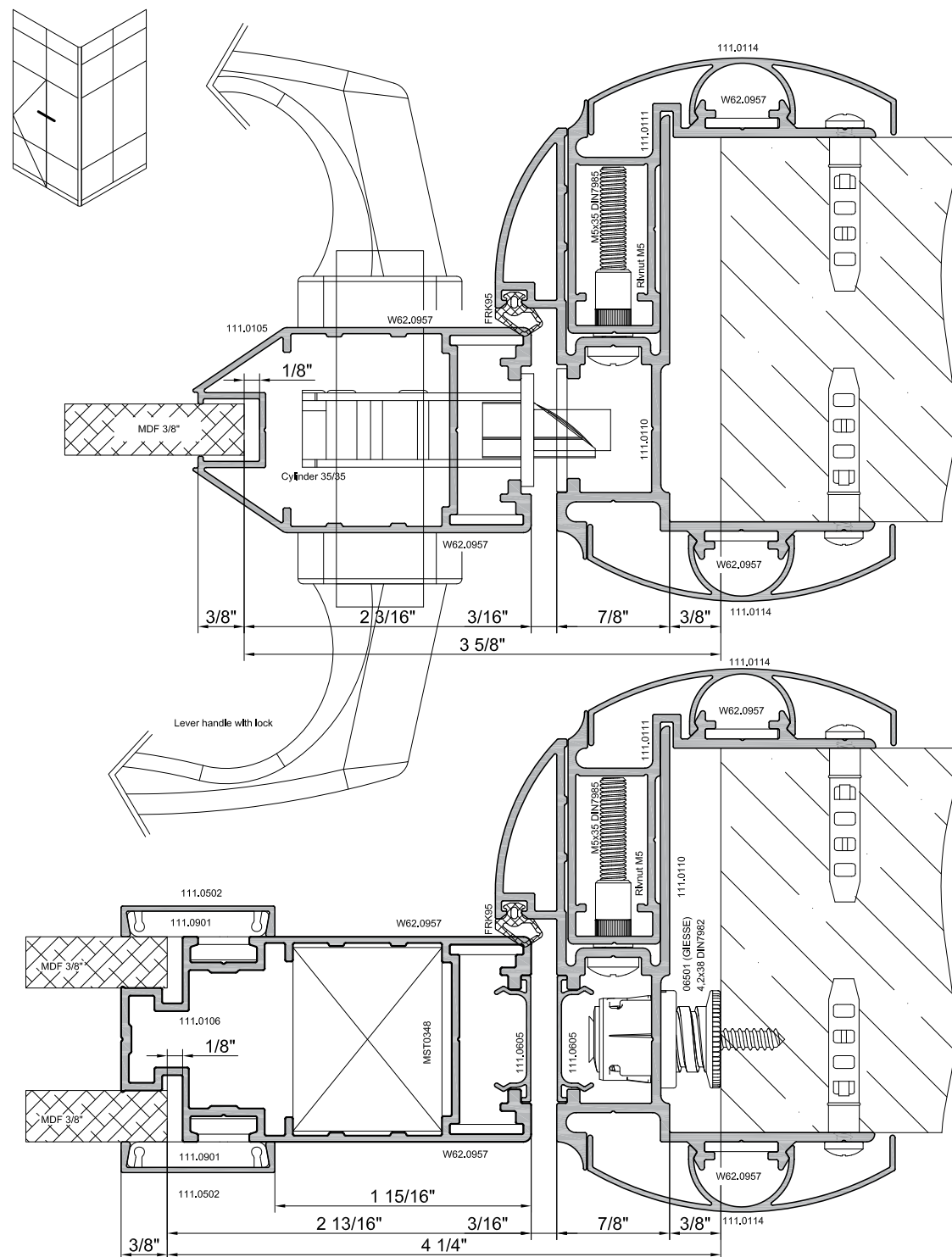


Option with wall thickness 4 1/8" to 5 5/16"



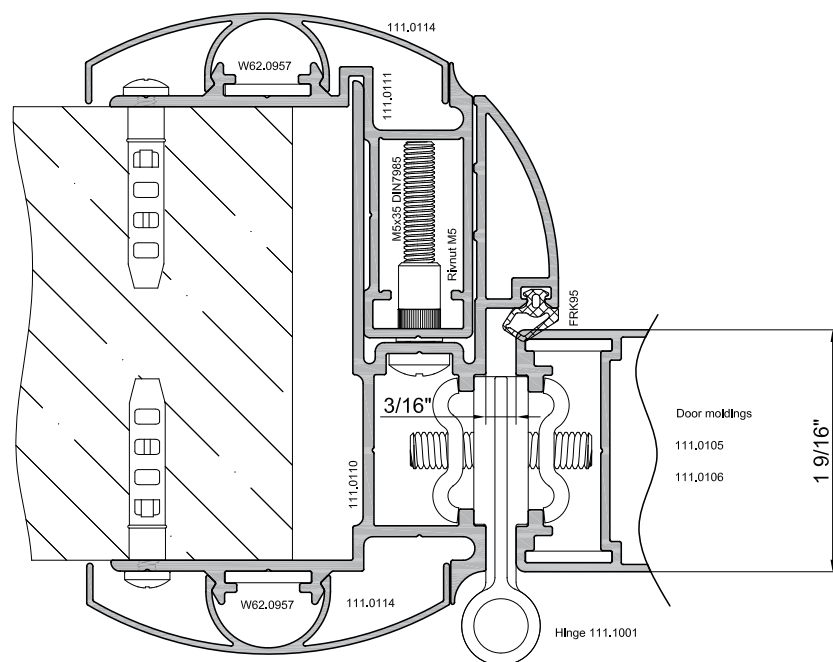
Option with wall thickness 5 5/16" to 10 5/8"



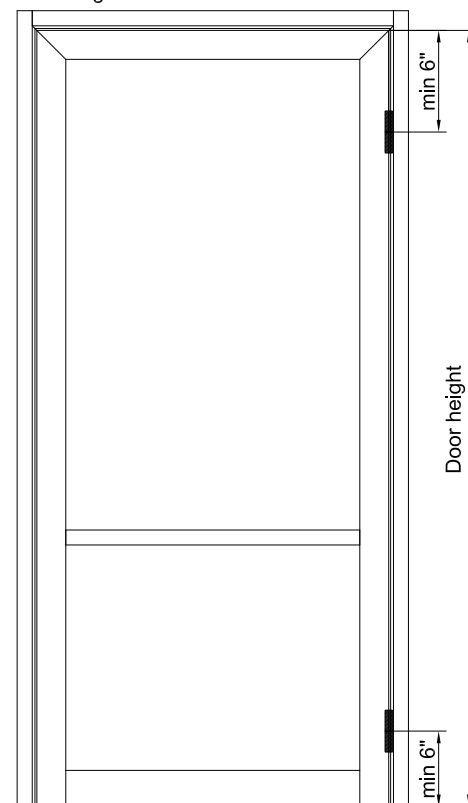
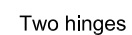


## GLASS DOORS. SECTIONS

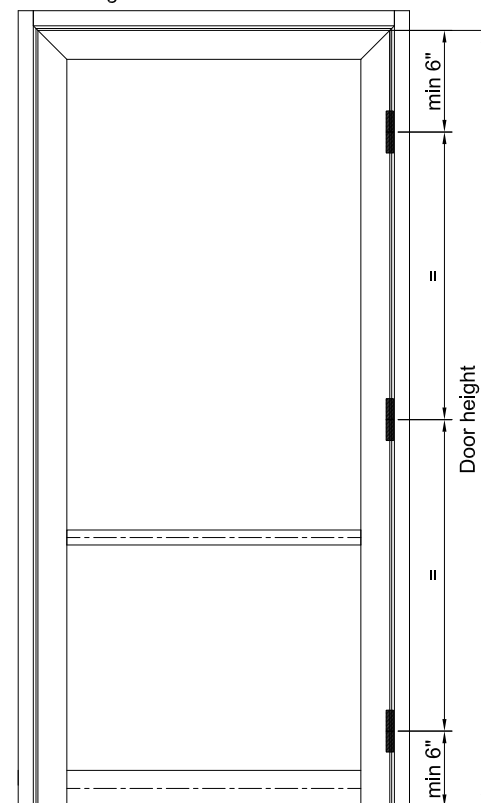
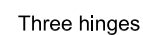
## Hinges installation



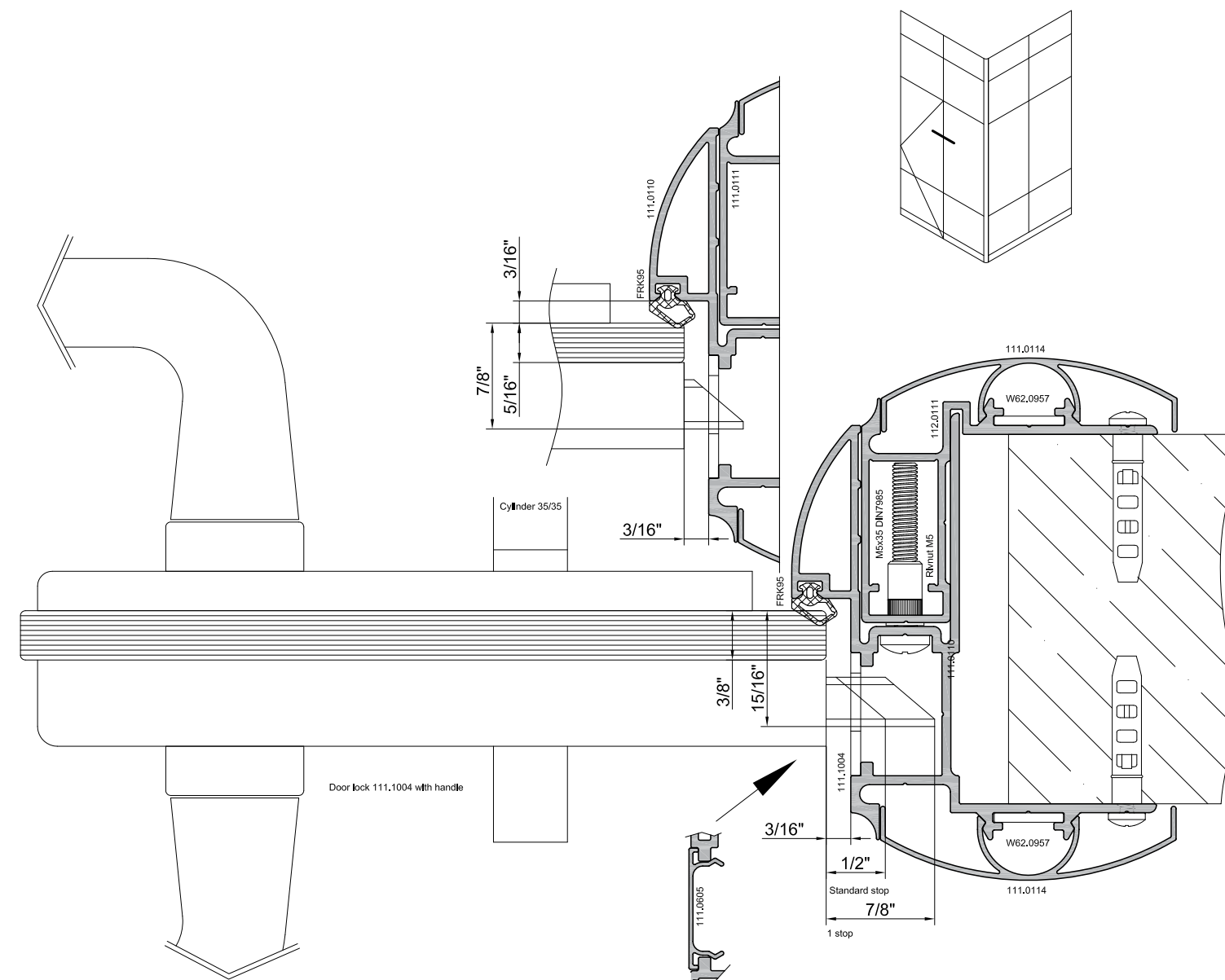
### Recommended heights

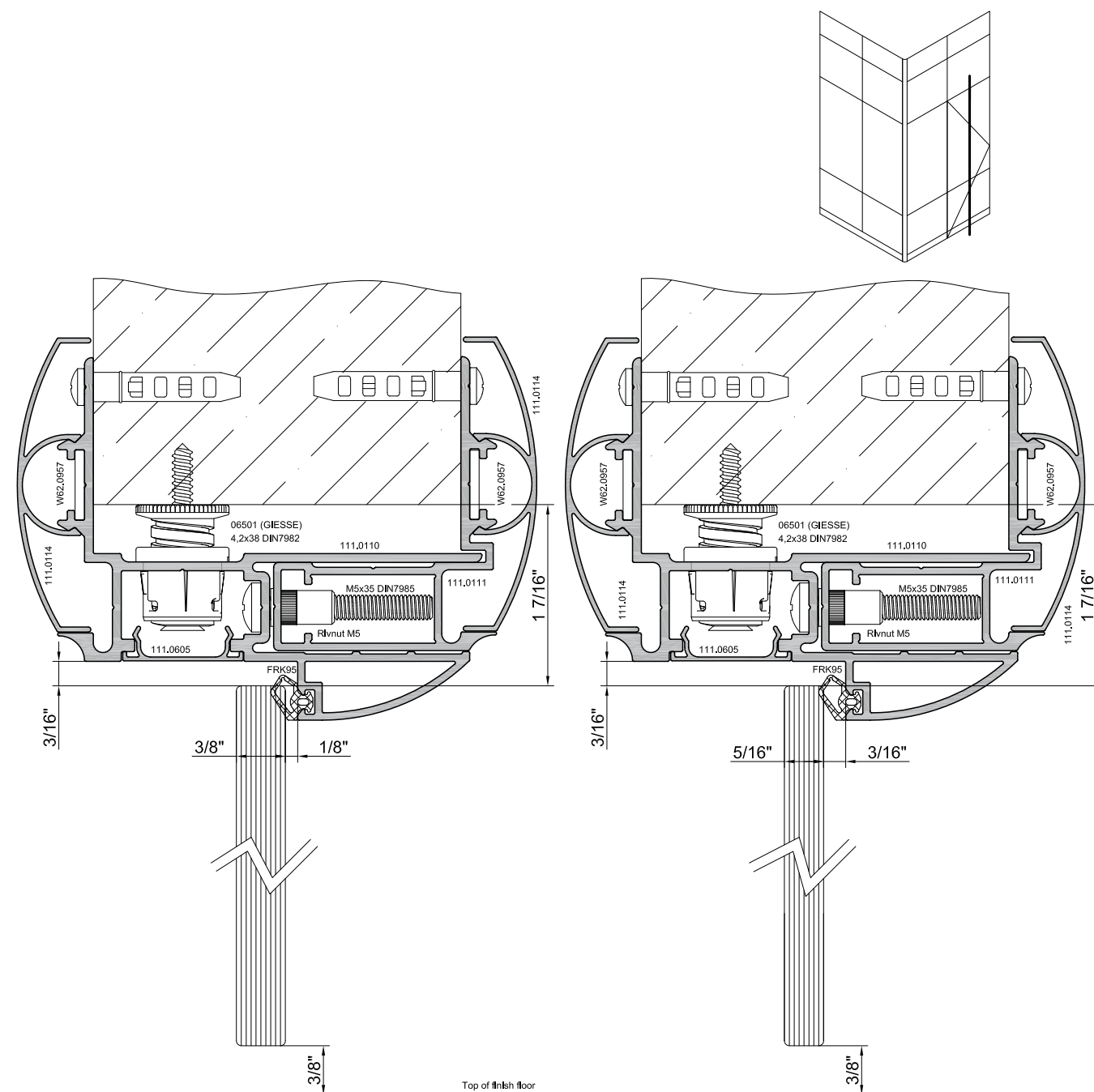
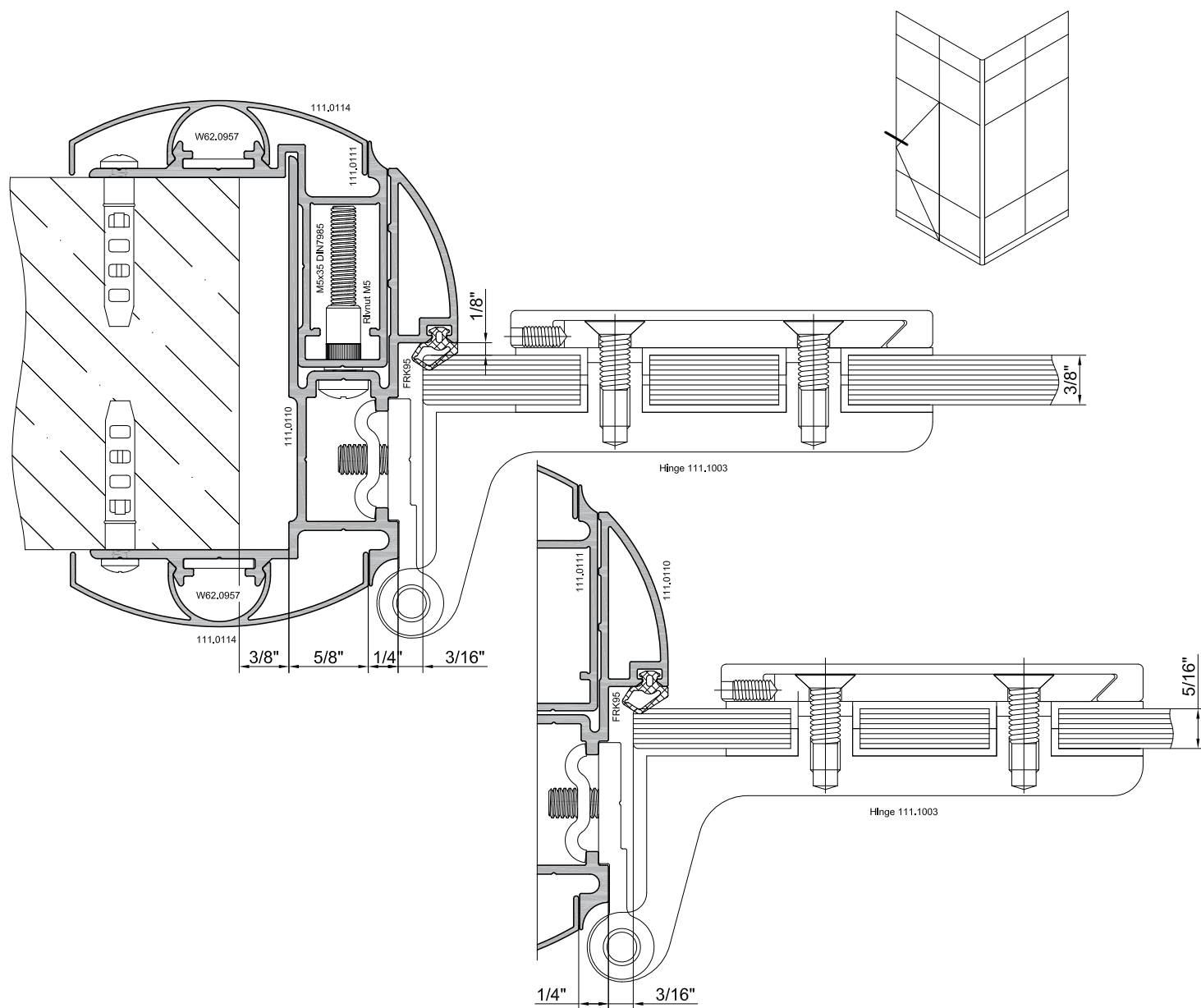


Max door weight - 132 lbs



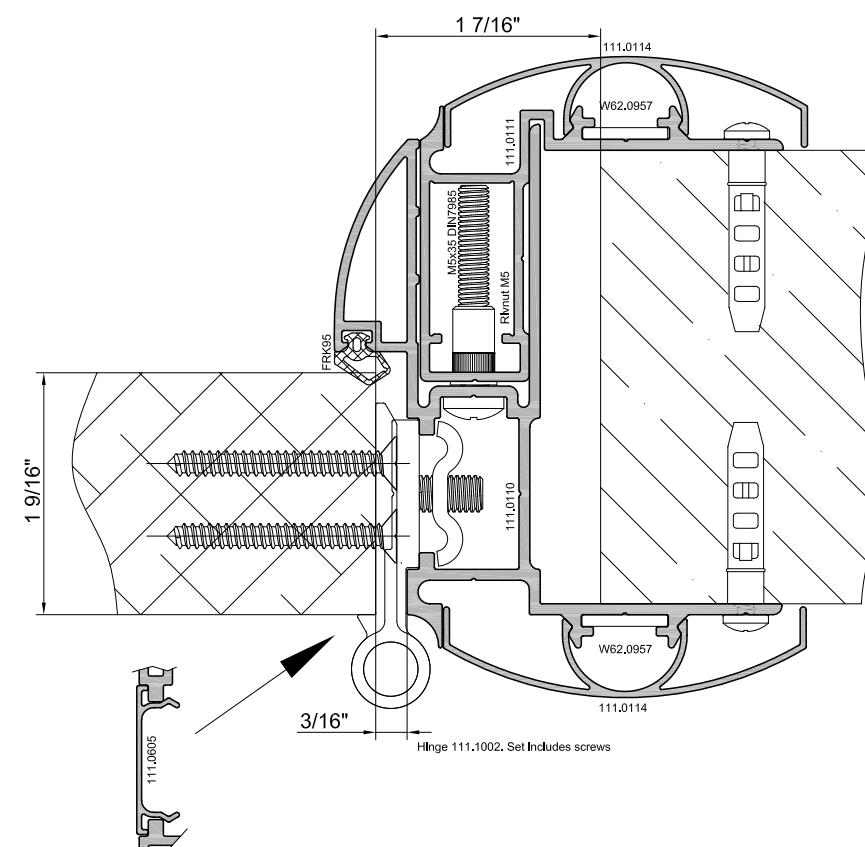
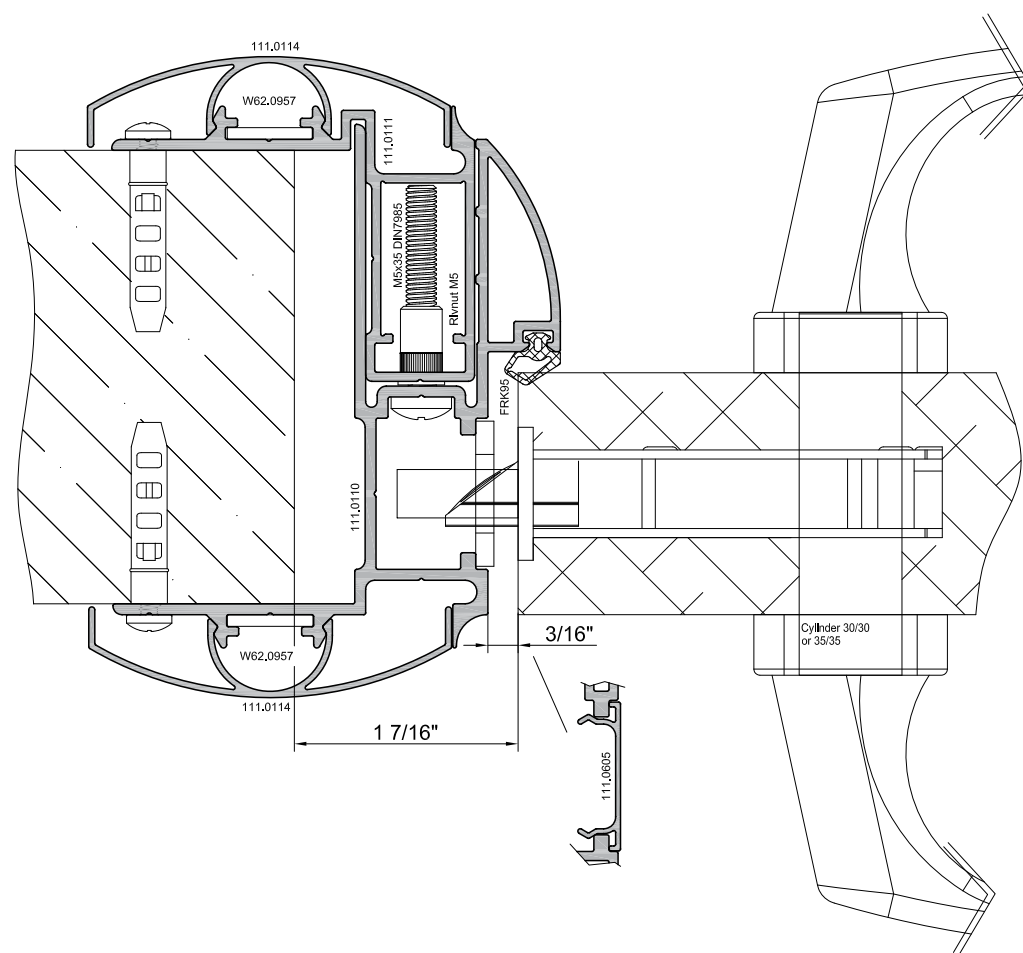
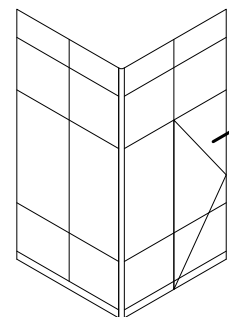
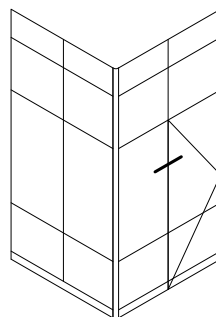
Max door weight - 154 lbs

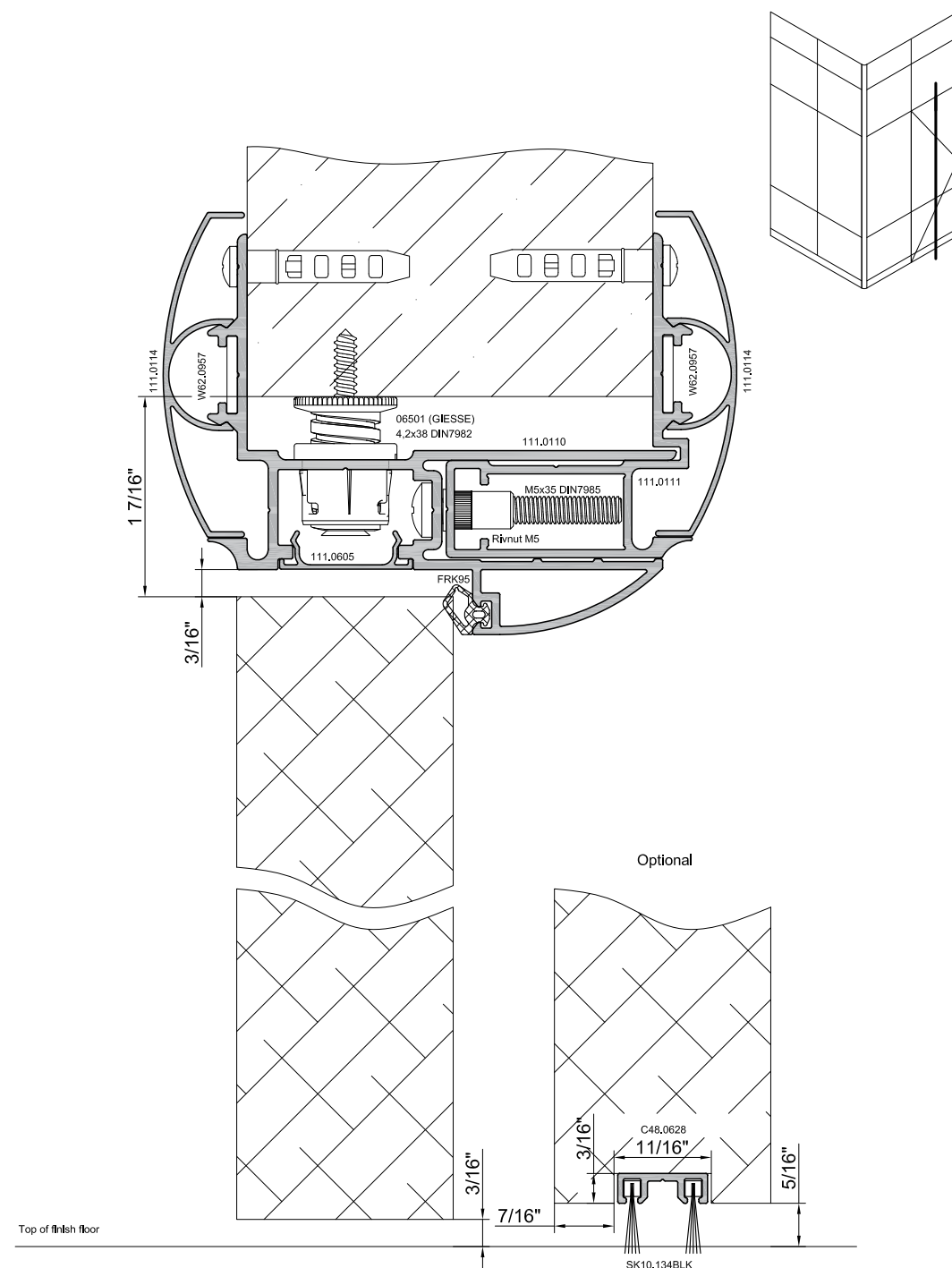




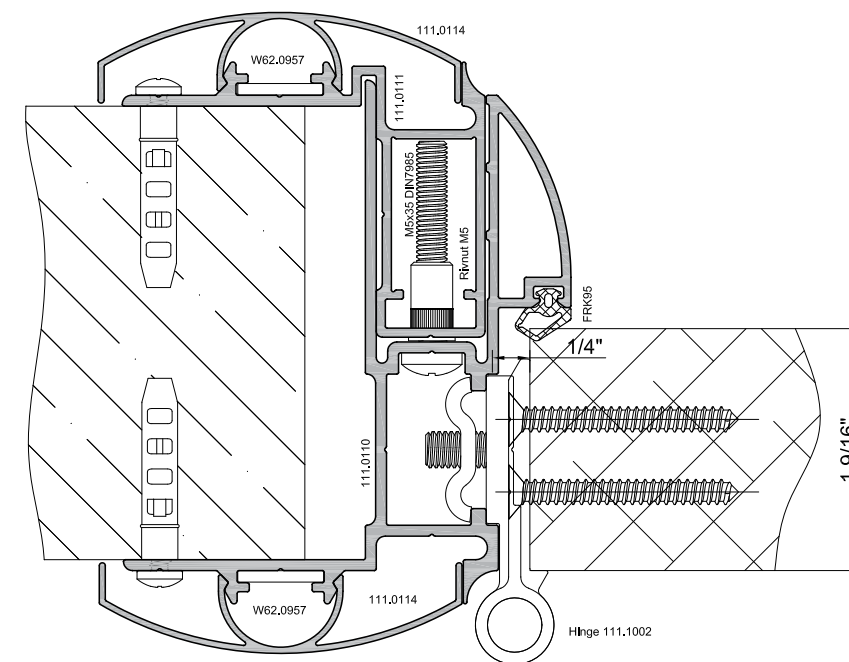


## SOLID CORE DOORS. SECTIONS

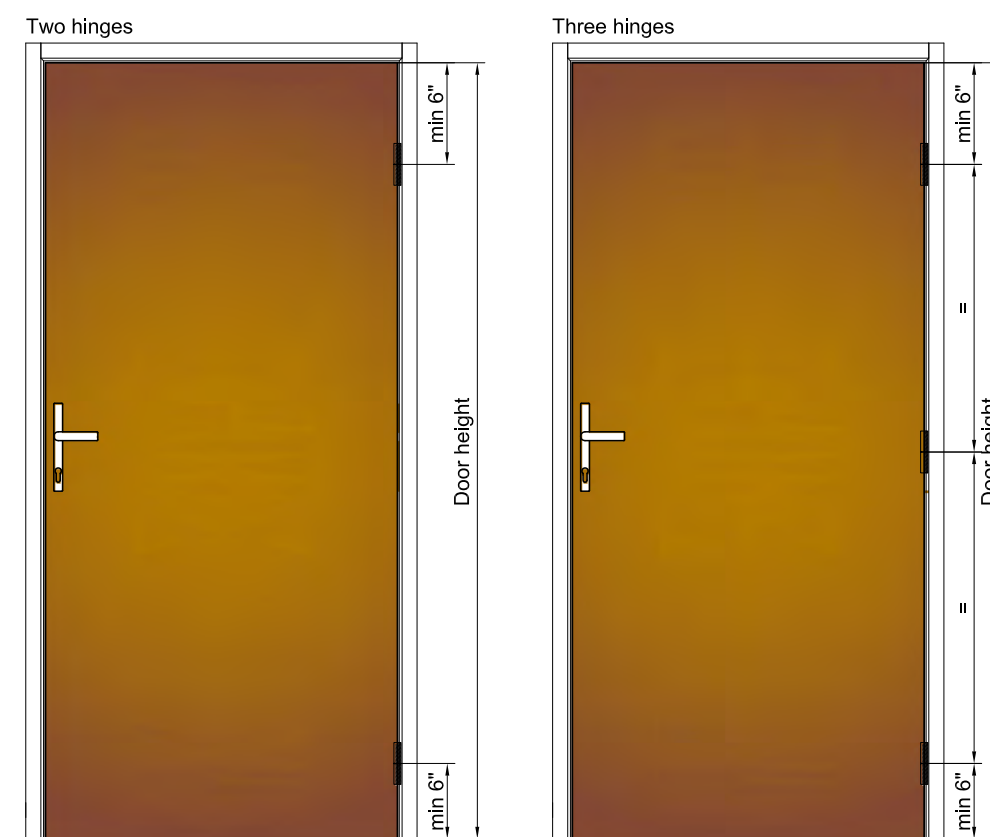




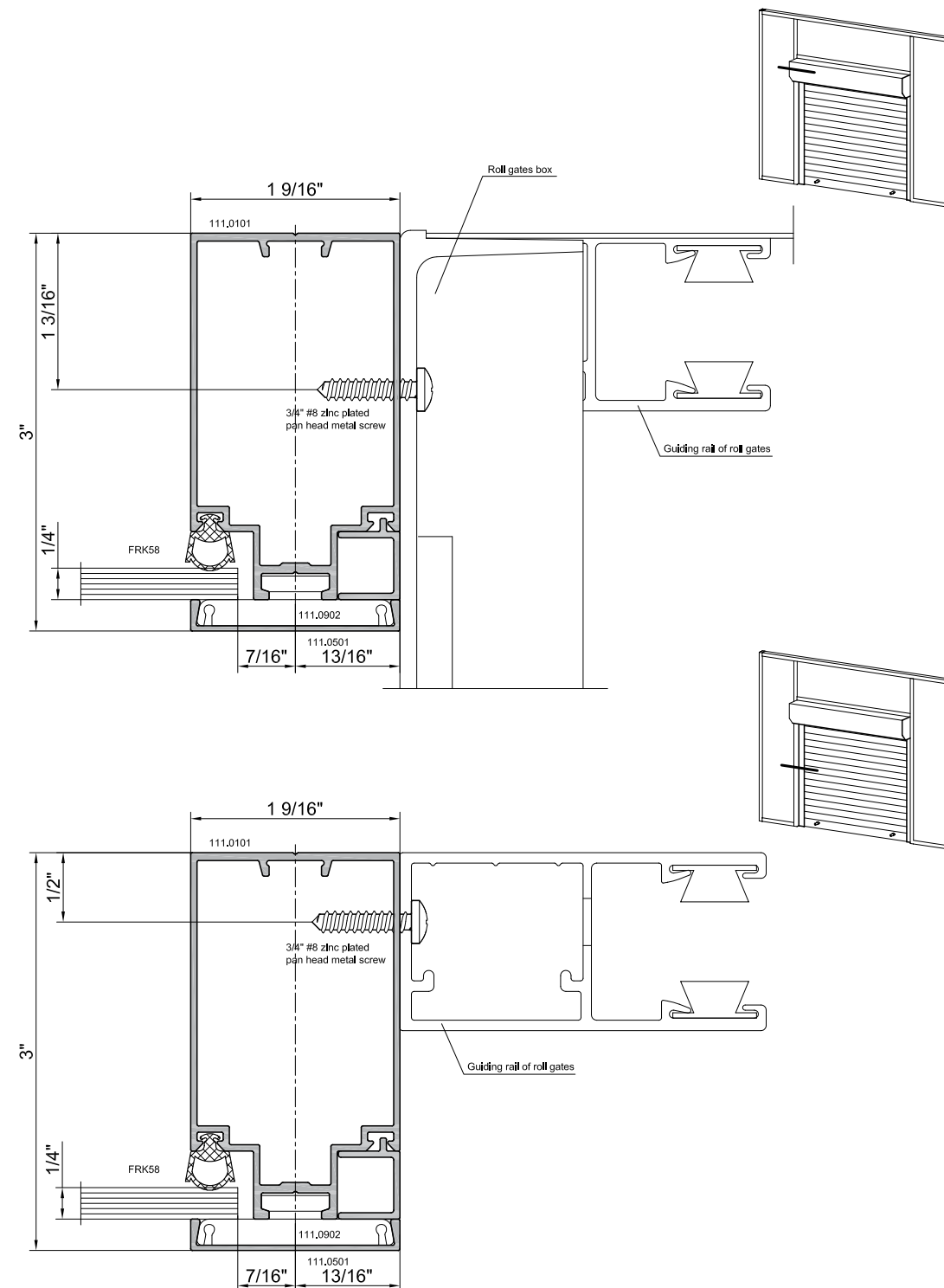
Hinges installation



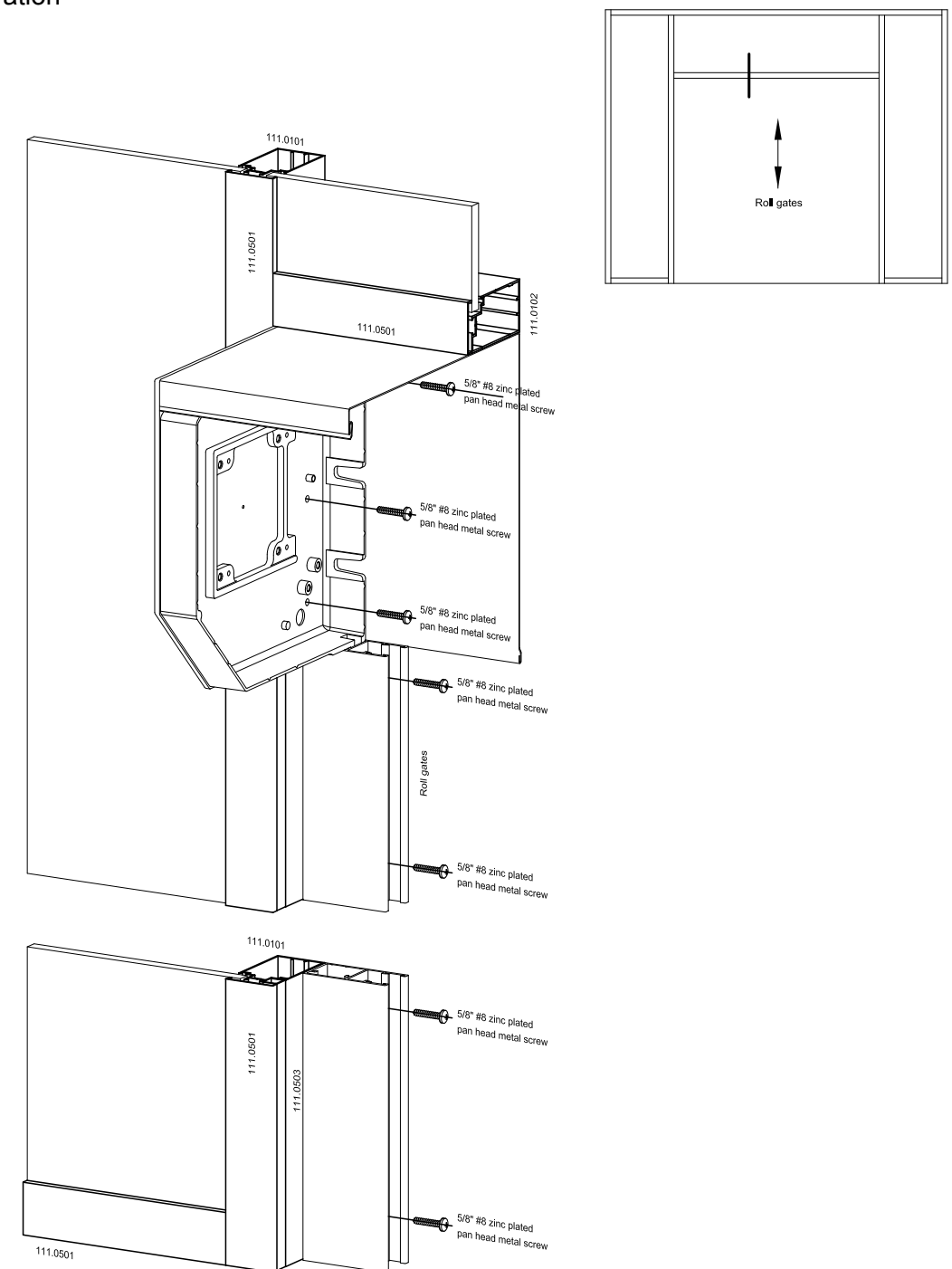
Recommended heights



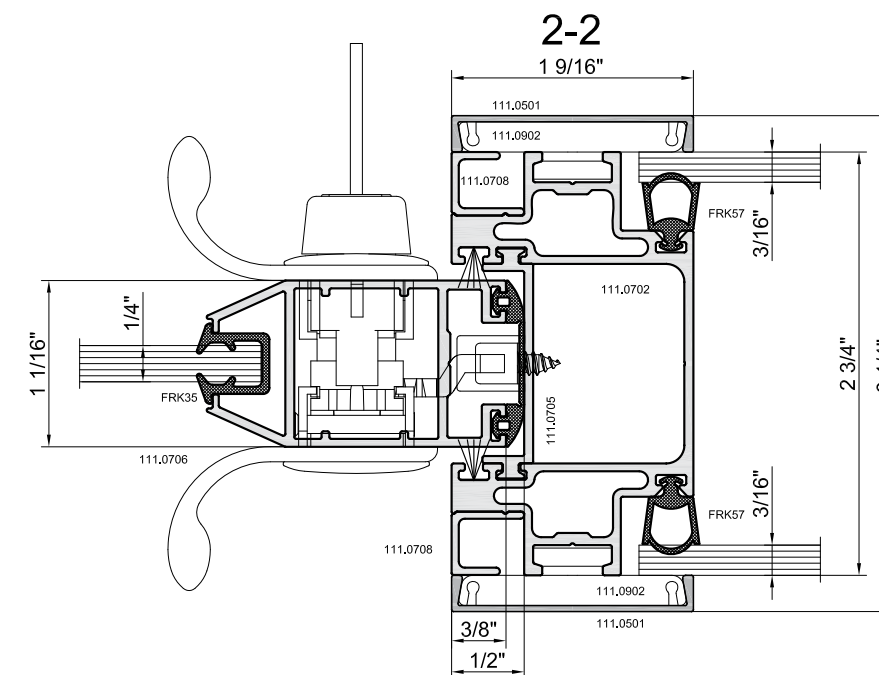
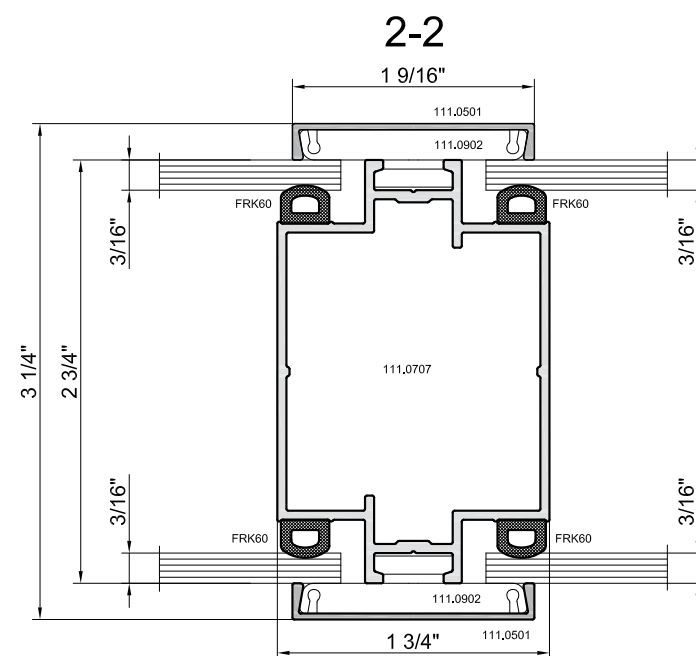
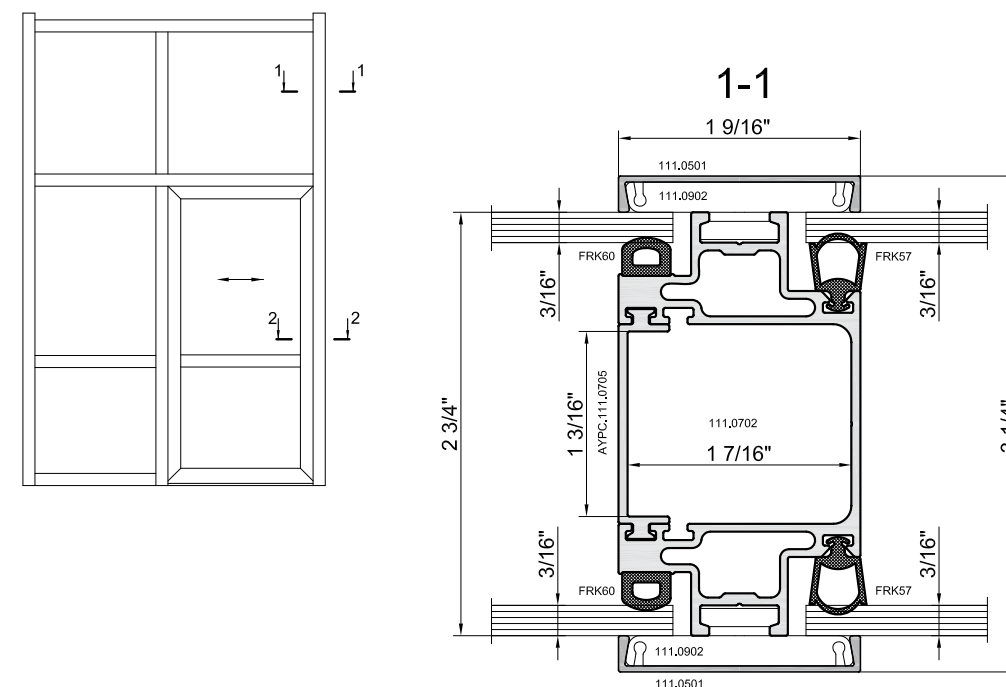
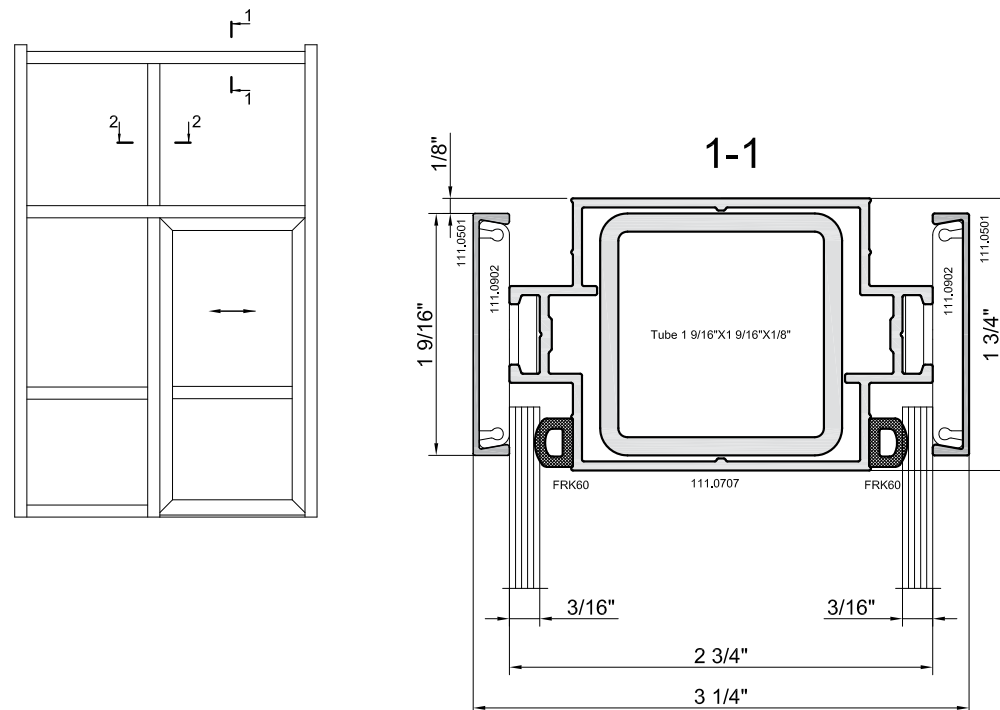
## INTEGRATED ROLL GATES. SECTIONS

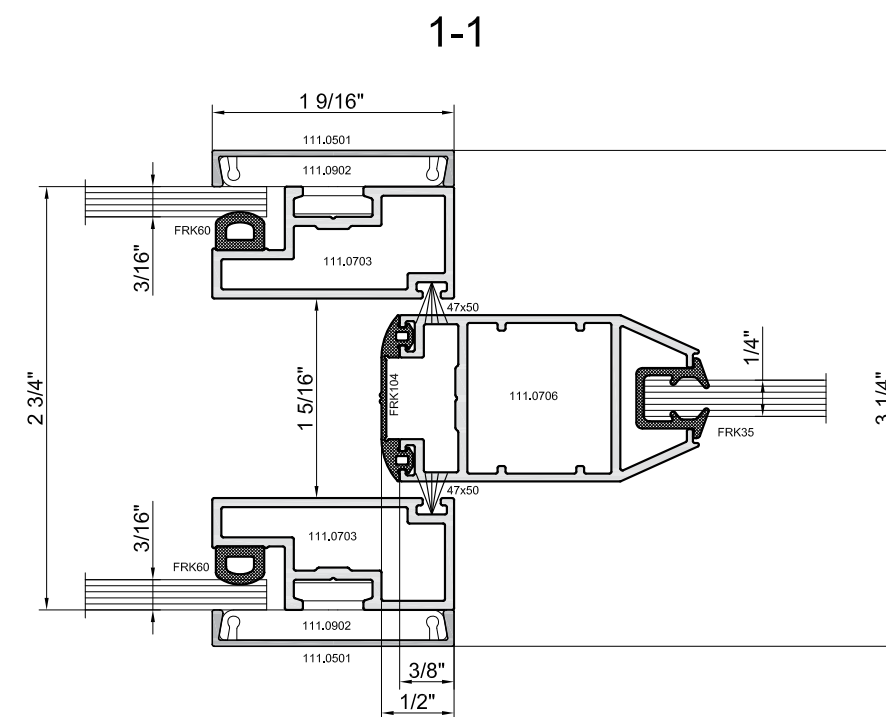
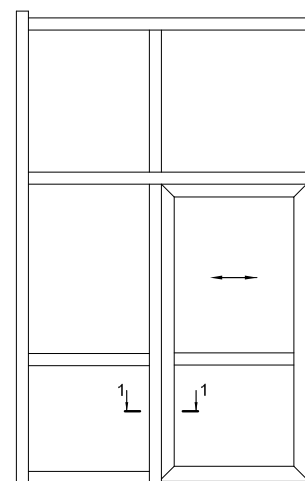
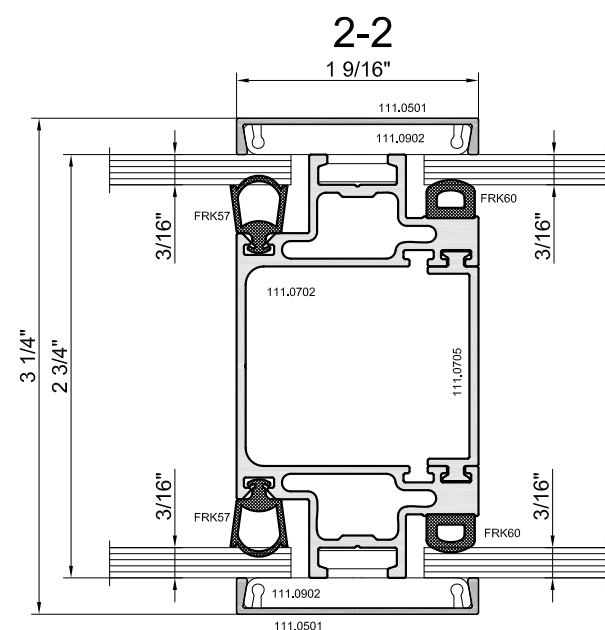
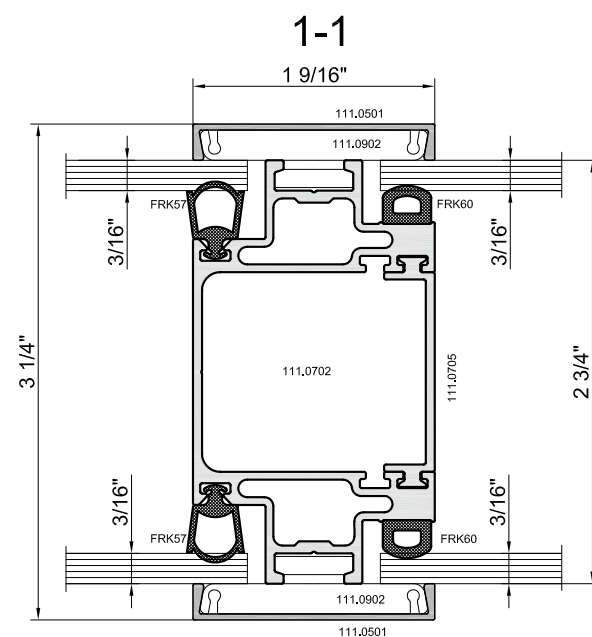
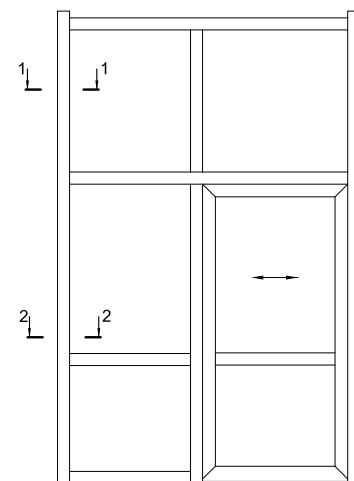


## Roll gates integration

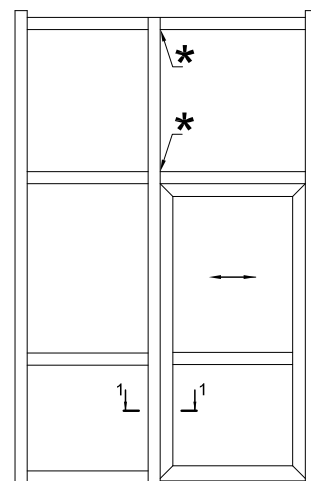


## SLIDING DOOR. SECTIONS

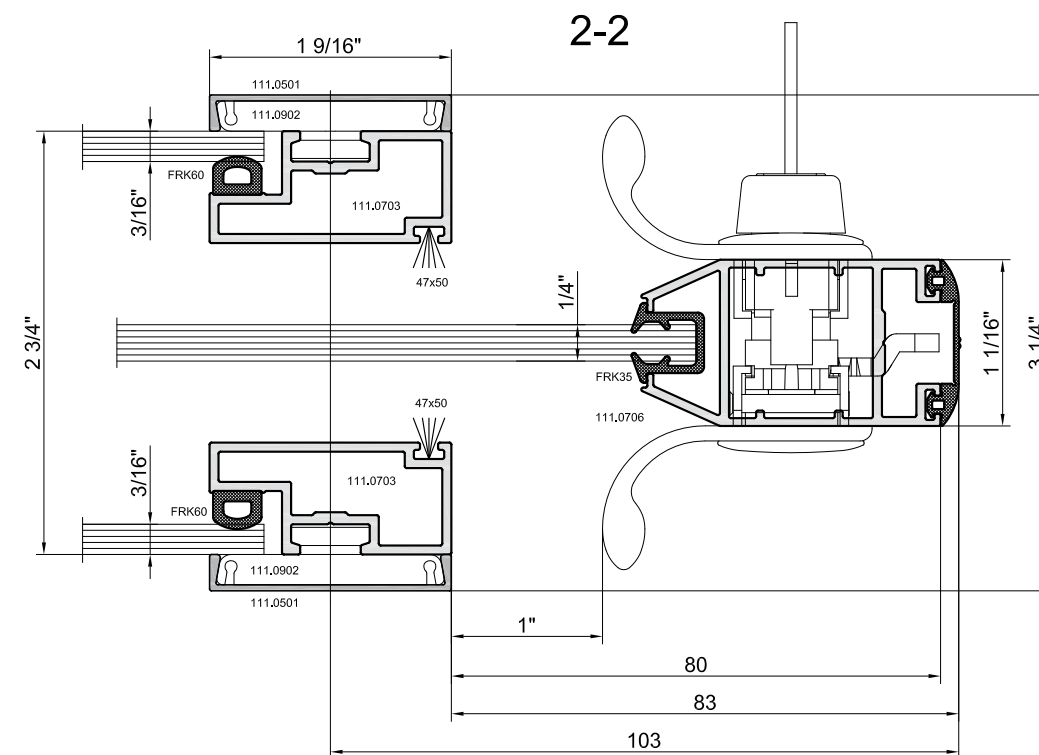
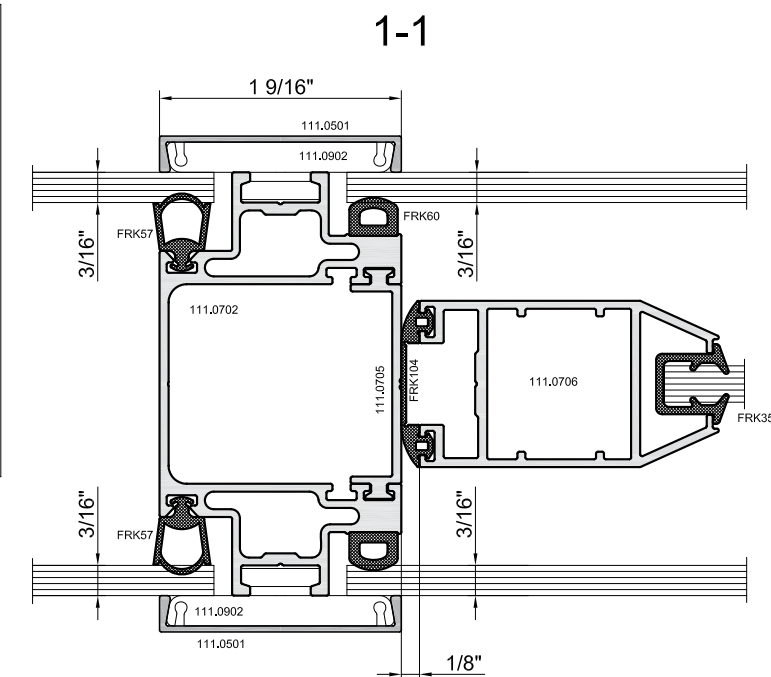
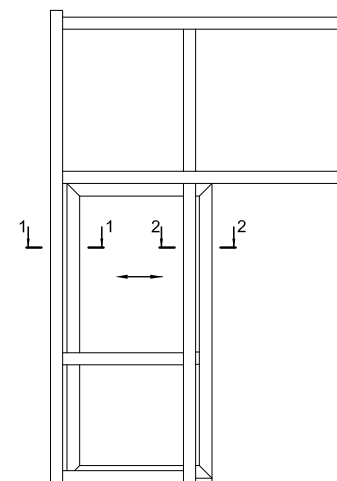
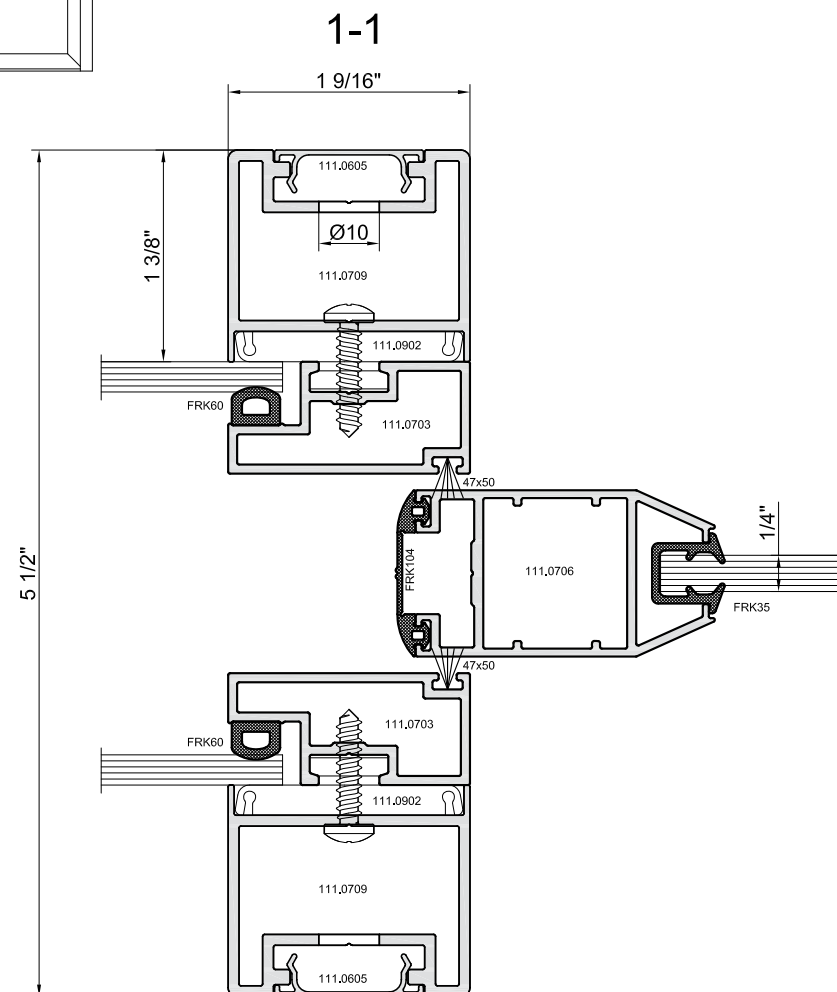


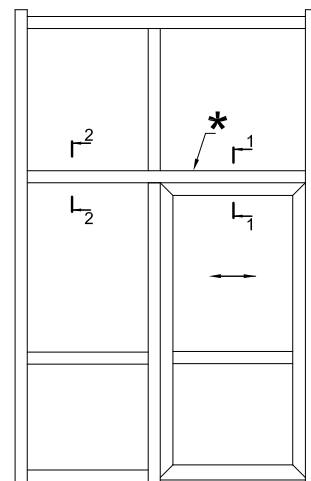




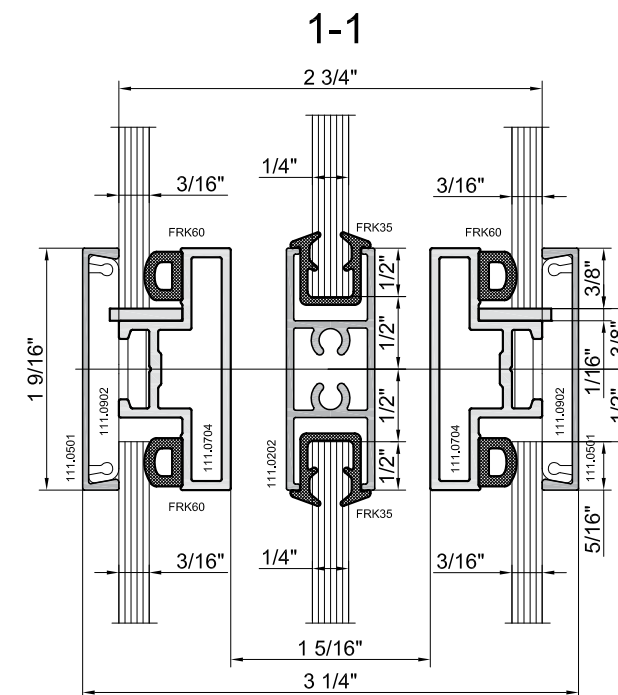
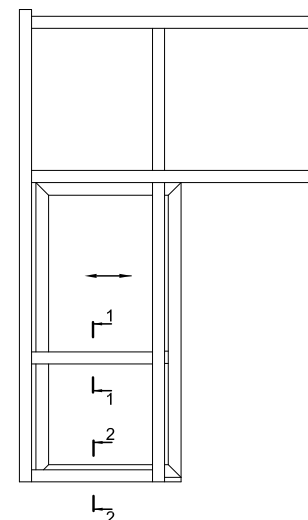
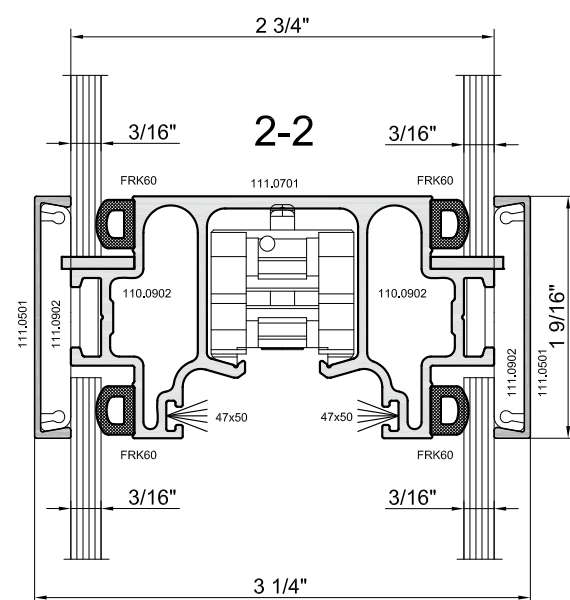
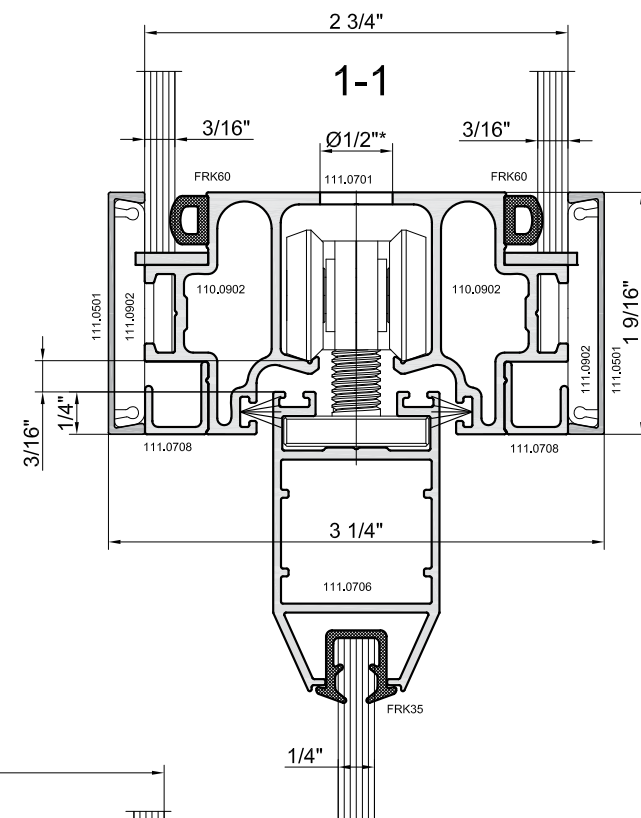


\*Reinforcement profile 111.0709 should be continuous all the way up

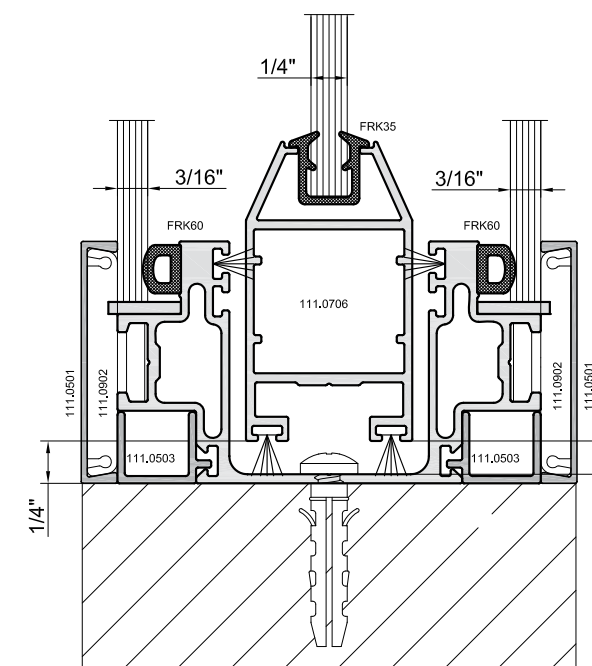




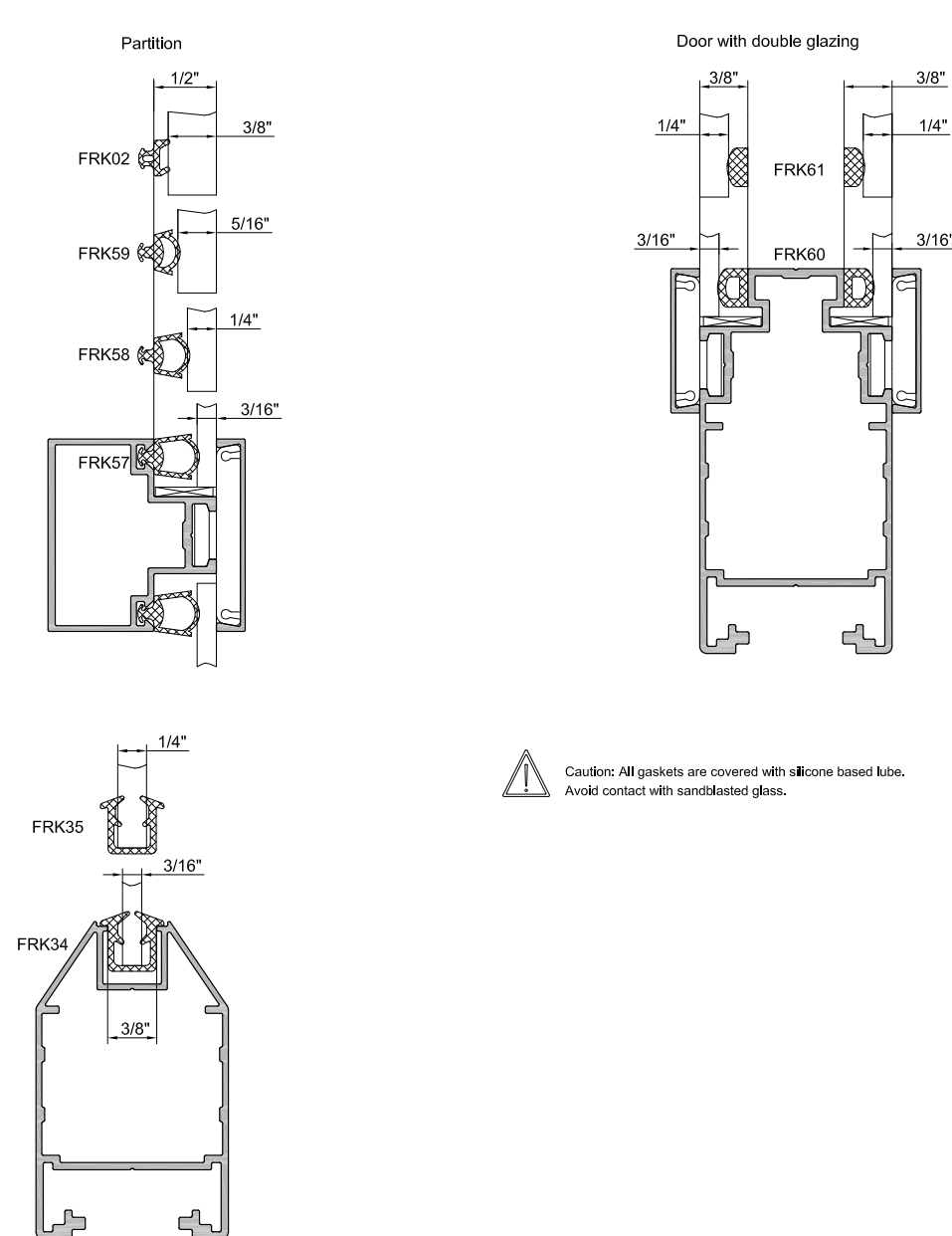
\*Optimal location of access opening to be determined on site



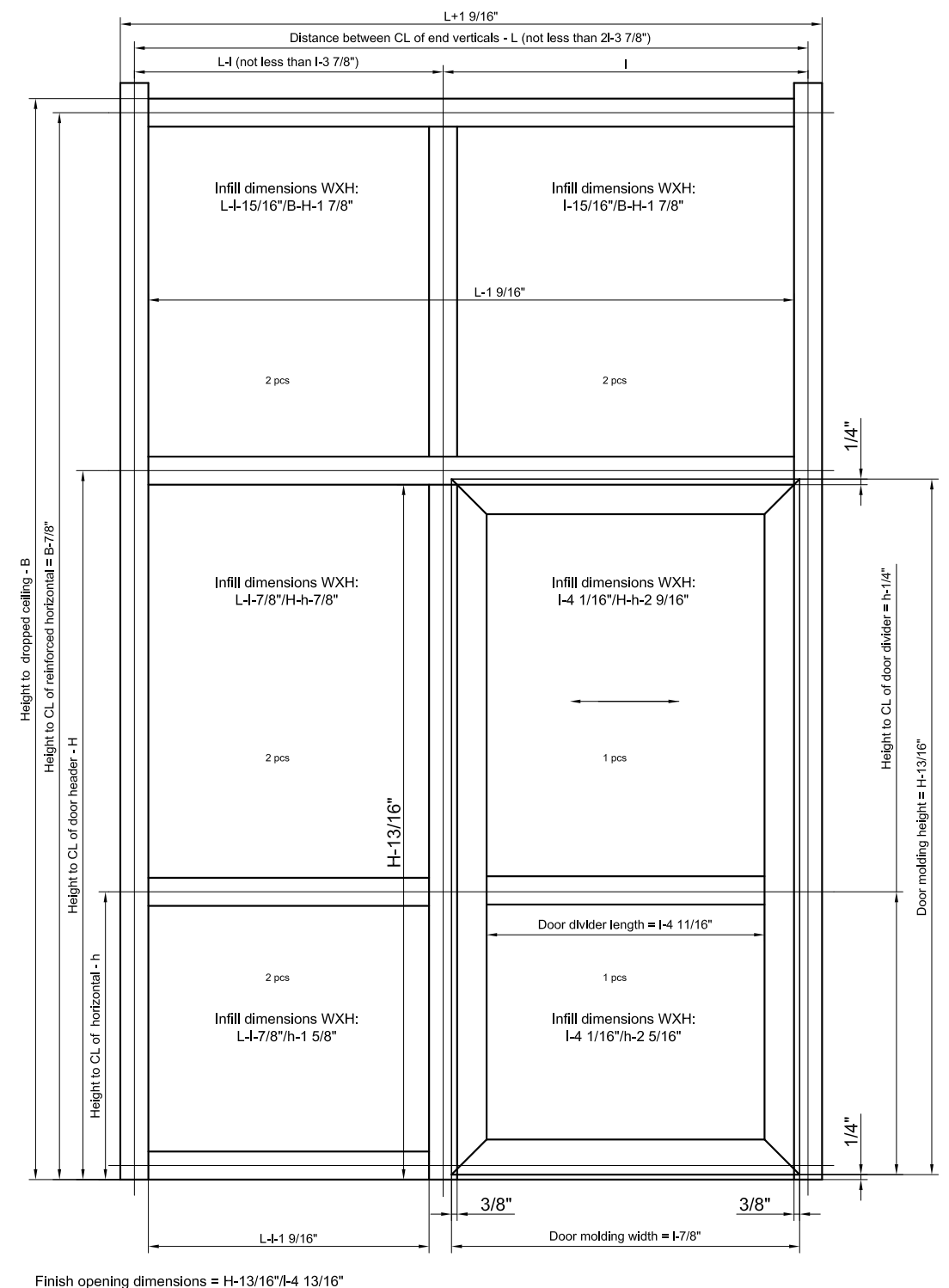
2-2



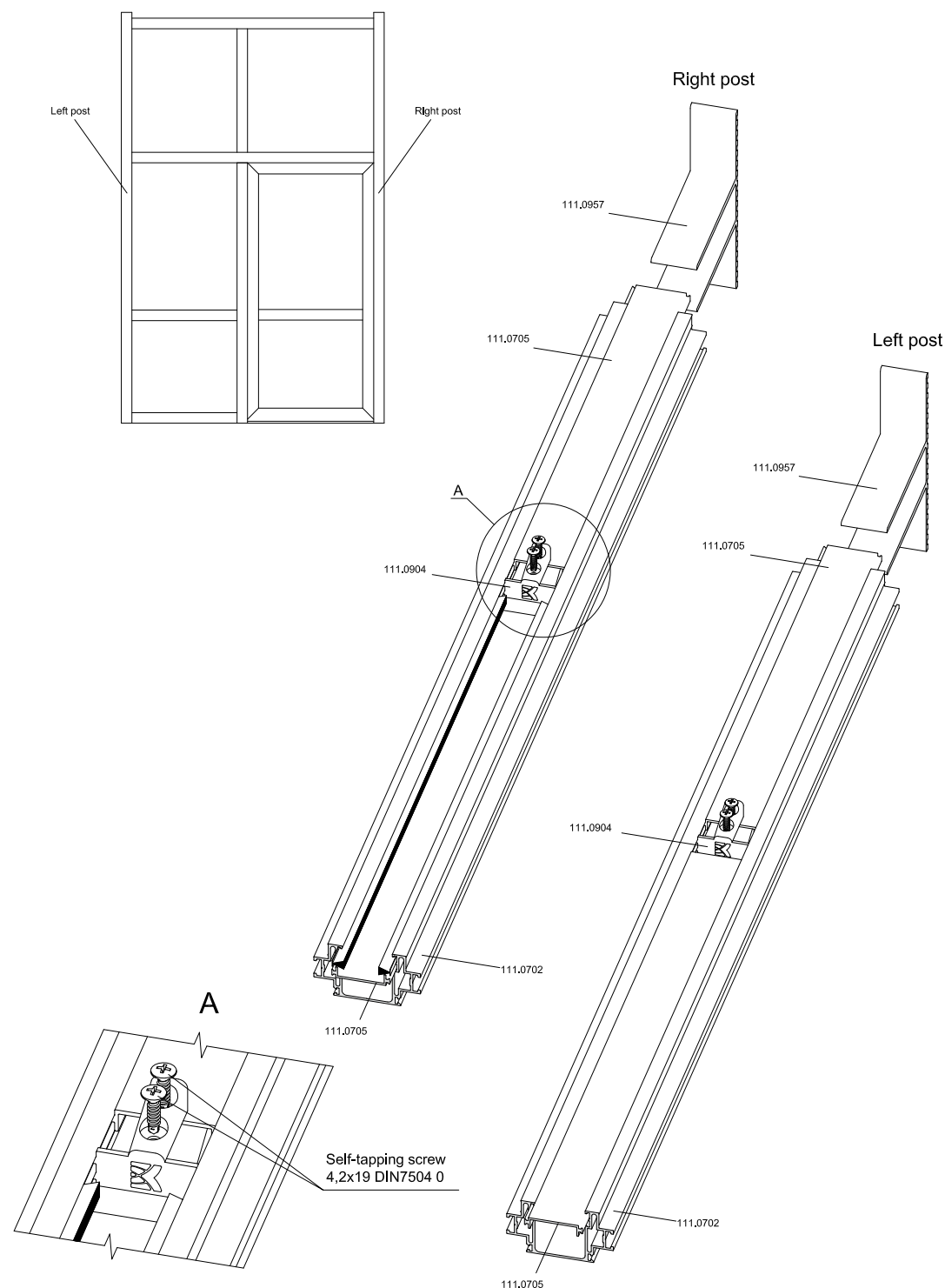
## SLIDING DOOR. FRAME ASSEMBLY GUIDE



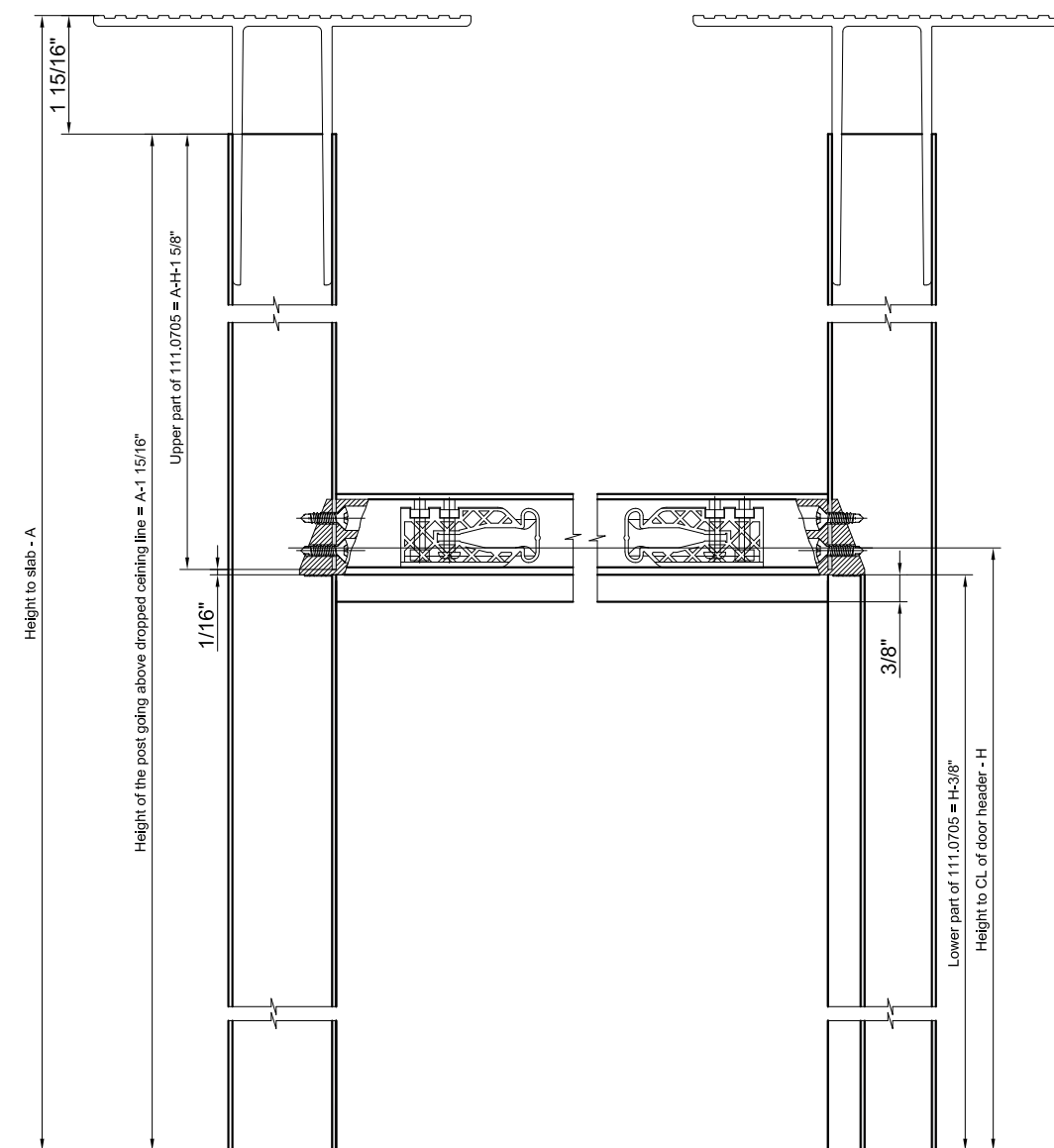
Caution: All gaskets are covered with silicone based lube. Avoid contact with sandblasted glass.



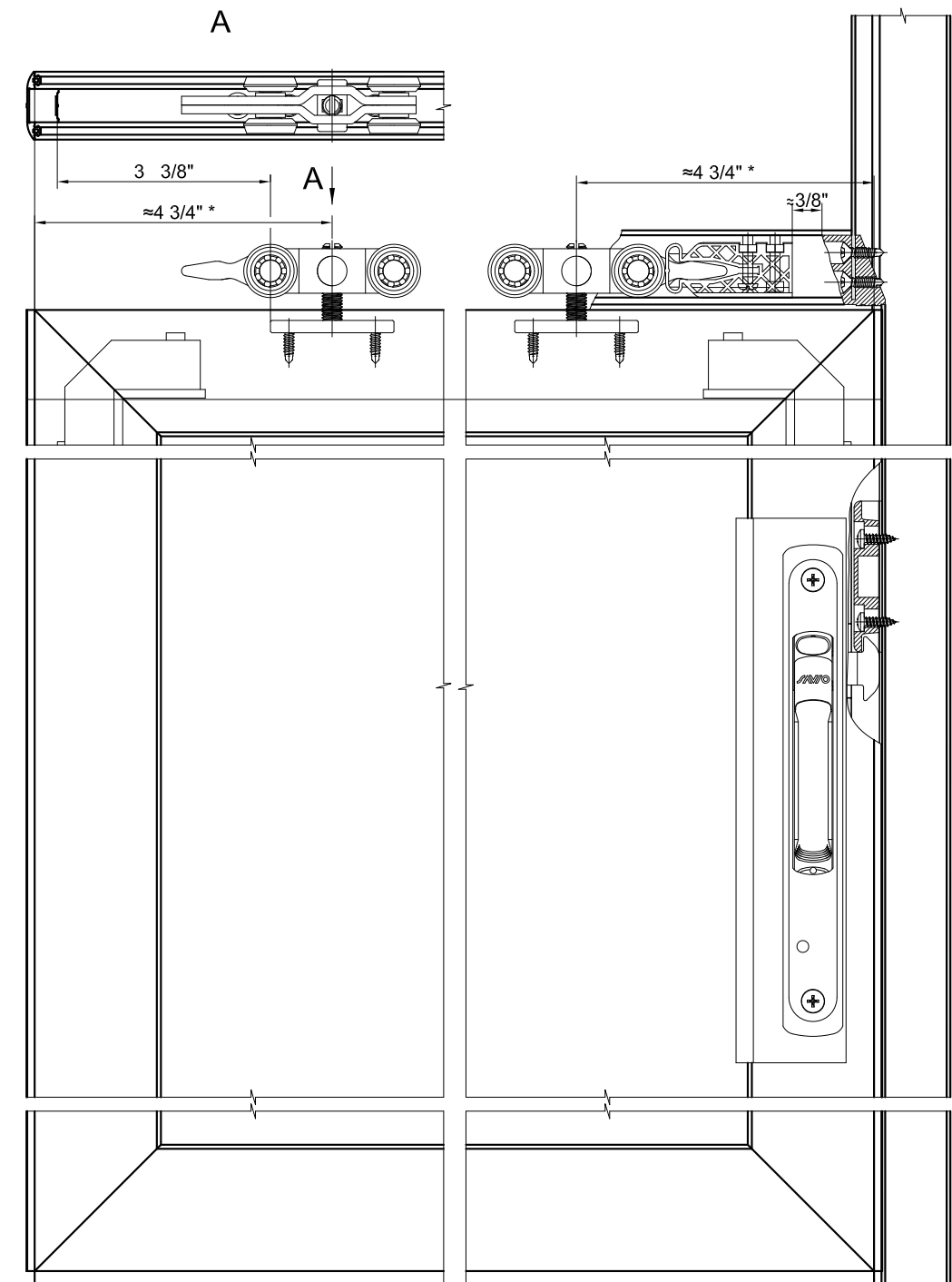
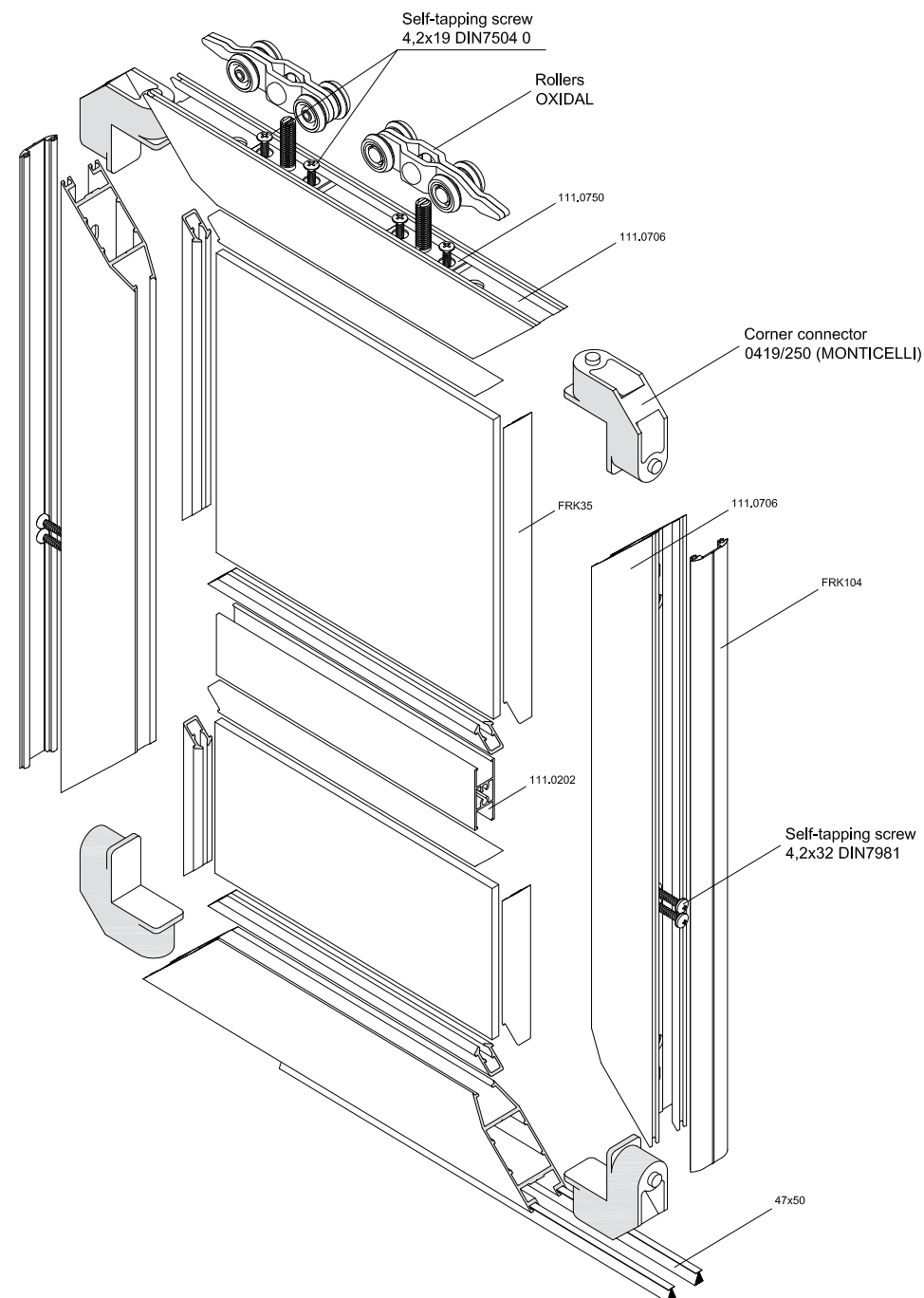
## Header plugs installation



Scheme below shows how to calculate 111.0705 side molding length.  
This molding is a part of vertical posts and in case the finish floor is not level it's necessary to count for such discrepancies.

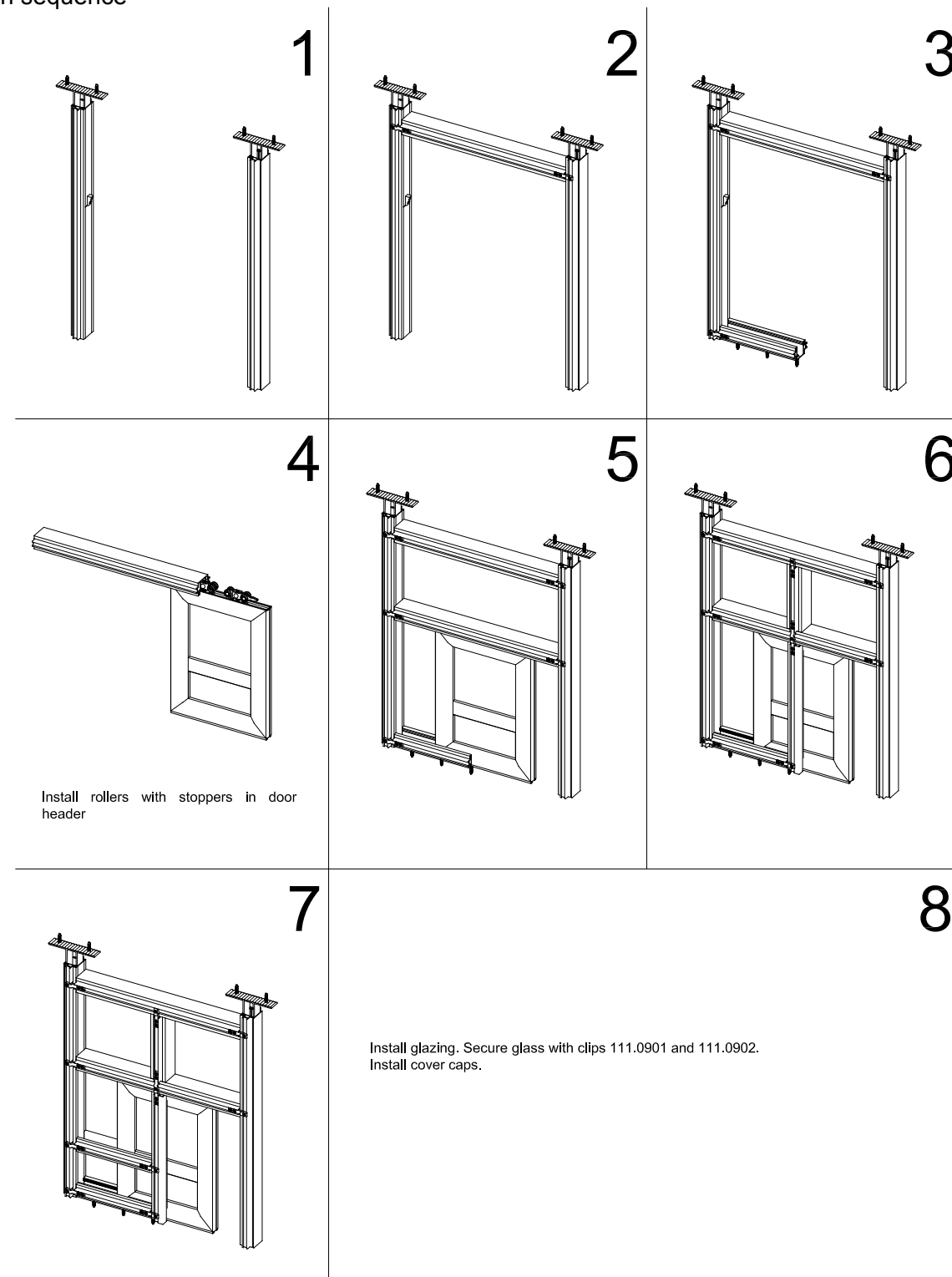


## SLIDING DOOR. ACTIVE PANEL COMPONENTS

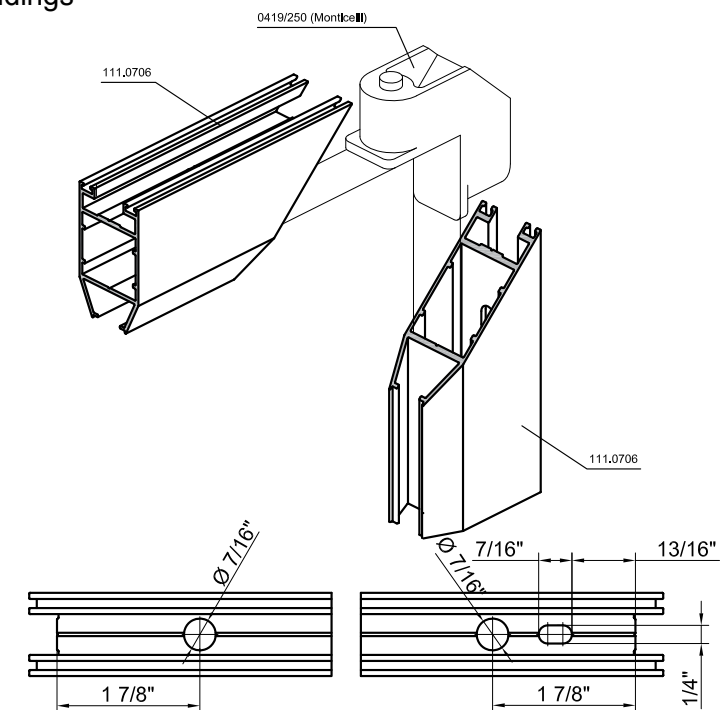




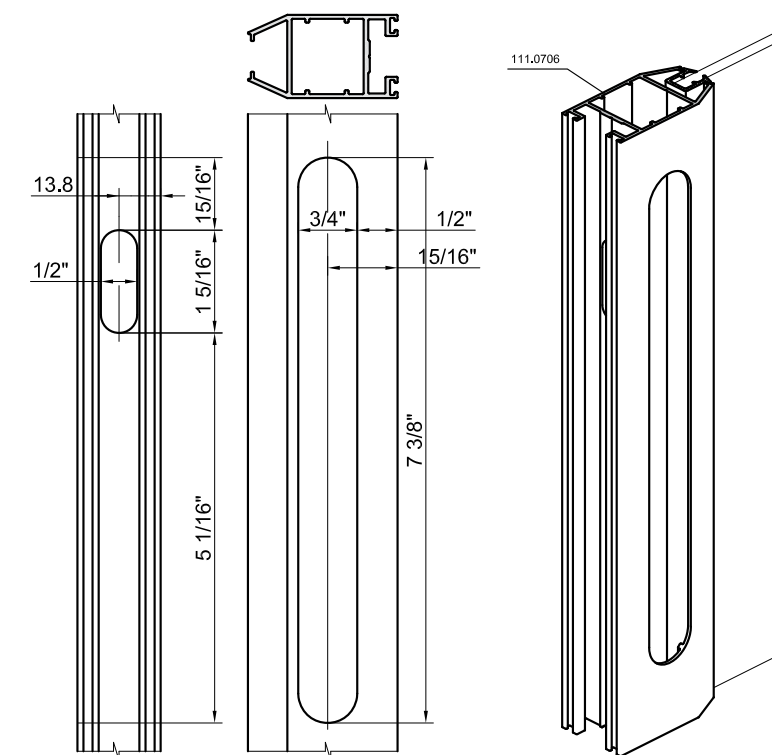
## Installation sequence



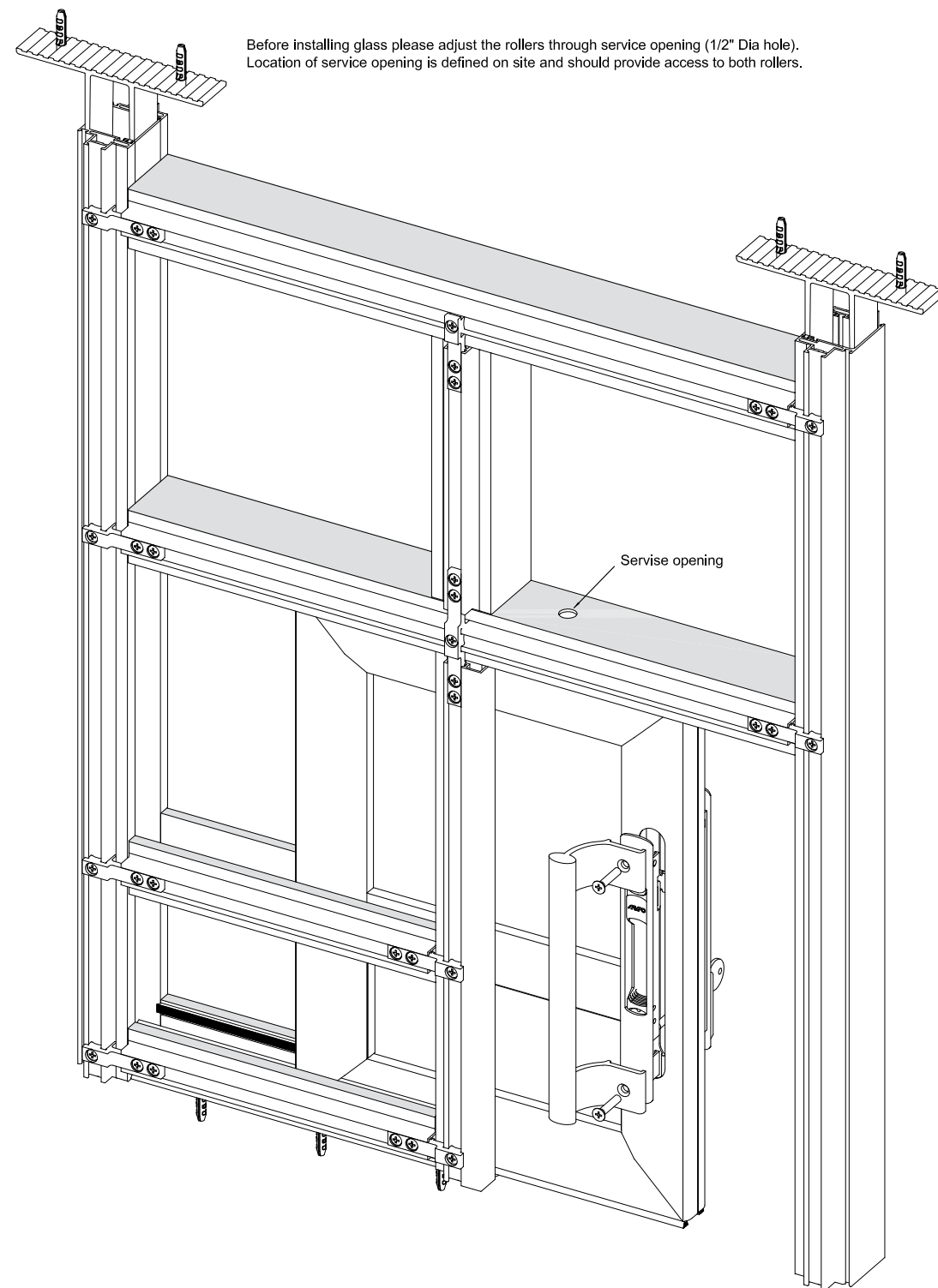
## Corner connection of door moldings



## Fabrication of door moldings for hardware installation



Assembled frame ready to receive glass panels



**AluminTechno, LLC** is the leading aluminum extrusions manufacturer and profile systems engineering company on the territory of Central and Eastern Europe.

The enterprise is equipped with state-of-art machinery supplied by the leading manufacturers from the USA, Germany and Italy. At AluminTechno the complete production cycle is being performed: from primary aluminum foundry casting works to extrusion of aluminum moldings followed by coating or anodizing. The main manufacturing facilities are modern foundry complexes, high-performance press lines, advanced coating and anodizing shops.

Currently AluminTechno, LLC produces a wide range of aluminum extrusions for architectural systems: more than 1,000 various configurations. Standard length of extruded profiles is from 10' to 22'-4". Maximum available length for mill finish extrusions 25', for powder coated 22'-11", for anodized 23'-7". Polymeric coating thickness is from 60 to 80 micron, any RAL color available. The range of anodic finishes includes 11 colors and 2 different types of surface finish (standard and polished), which gives the opportunity to get 22 different effects. The anodic coating thickness can vary from 10 to 15 micron. Enterprise's annual output is 45,000 tons of extruded profiles.

The range of architectural systems engineered by AluminTechno, LLC includes more than 20 products for construction, architecture and design. The fast growth of the company with average 3 new products launched annually makes AluminTechno, LLC one of the industry leaders. Our engineering department is always ready to design solutions for specific projects, which allow us to get involved in construction and renovation projects all over the world.

The quality control management system at AluminTechno, LLC is compliant with the requirements of ISO 9001:2009 International Standard of TÜV CERT system. Most of top line products have successfully passed major **ASTM**, **AAMA** and **TAS** tests.

The quality of aluminum moldings' finish is proven by three international certificates: **QUALICOAT**, **SEASIDE** and **QUALANOD**. All AluminTechno's aluminum products distributed by Professional Grade Aluminum, Corp. are either coated with Swiss made materials by IGP that meet or exceed AAMA 2603, or anodized to meet QUALANOD requirements.



**AluminTechno, LLC Production Facility**







