

# INSTALLATION SHOP DRAWING FOR KINN MKE GUESTHOUSE MILWAUKEE, WISCONSIN

REV:	DATE:	DATE:	DATE:
1/2	5-19-21		

## General Notes

- 1) **WARRANTY**
- a) All warranties for the performance of Pella® Products are void if the product is installed contrary to these installation shop drawings and other applicable standard product installation instructions. See [www.pella.com](http://www.pella.com) for the Pella product limited warranty and care instructions.
- 2) **RESPONSIBILITY FOR PROPER INSTALLATION AND CODE COMPLIANCE**
- a) These drawings and details are prepared exclusively for use with Pella products, are based on the information provided to Pella Corporation, and are prepared for use by architects, contractors, or other construction professionals. Final approval by others is required to assure proper integration with other building materials and trades, and compliance with code and design intent. Pella Corporation is not responsible for any form of hazardous material encountered in connection with the installation and use of the Pella products. Pella Corporation is not responsible for deviation from the designed installation or for any errors occurring through the use of these drawings for purposes other than installation of Pella products.
- b) It is the responsibility of the architect and contractor to verify all dimensions, quantities, grille patterns, installation details, product performance requirements, safety glazing requirements, and egress requirements for compliance with local codes, government regulations and project requirements prior to fabrication of Pella products. Pella Corporation will not be responsible for noncompliance nor accept responsibility beyond manufacturing products in accordance with dimensions shown on these drawings. **CAUTION:** Unless indicated otherwise, these units are glazed with annealed glass and cannot be installed in hazardous locations as defined by local codes and/or government laws and regulations.
- c) Install all Pella products and accessories in accordance with these drawings and standard product installation instructions. Unless specified otherwise in these drawings, Pella product installation, all exterior and interior wood trim, blocking, sealant, backer rod, shims, wall flashing, and insulation are provided by others.
- d) **Special Sealants Note:** Interior and exterior sealants must be commercial grade complying with the project architectural specifications and shall meet ASTM-C920, unless otherwise specified on these drawings. Sealants used in the installation of the Pella windows and doors must be installed per sealant manufacturers' recommendations, local code requirements, and state and federal laws, including proper application, surface preparation, use of primers, compatibility with other sealants and adjacent materials. Backer rods shall be non-gassing, comply with ASTM C1330 and applicable for its intended use. Its diameter should be 25 percent greater than the joint width for joints less than 1".
- e) Windows and doors are sized to accommodate the following opening tolerances except where local codes are more stringent.
- Vertical dimensions between high and low points -- plus 1/4" or minus 0"
  - Width dimensions -- plus 1/4" or minus 0"
- 3) **NOTE ON BARRIER WALL SYSTEMS, EXTERIOR INSULATION AND FINISH SYSTEMS AND OTHER NON-WATER MANAGED SYSTEMS:**
- a) Because all construction must anticipate some water infiltration, it is important that the wall system be designed and constructed to properly manage moisture. Pella Corporation is not responsible for claims or damages caused by anticipated and unanticipated water infiltration, deficiencies in building design, construction and maintenance; failure to install Pella products in accordance with Pella's installation instructions, or the use of Pella products in barrier wall systems which do not allow for proper management of moisture within the wall system (see the following). The determination of the suitability of all building components, including the use of Pella products, as well as the design and installation of flashing and sealing systems is the responsibility of the Buyer or User, the architect, contractor, installer, or other construction professional and is not the responsibility of Pella. All risks related to building design and construction, or the maintenance, installation and use of Pella products shall be assumed by Buyer and/or User.
- b) **IMPORTANT NOTICE:** Pella products should not be used in barrier wall systems which do not allow for proper management of moisture within the wall systems, such as barrier Exterior Insulation and Finish Systems (EIFS) (also known as synthetic stucco) or similar systems. Except in the states of California, New Mexico, Arizona, Nevada, Utah, and Colorado, Pella makes no warranty of any kind on, and assumes no responsibility for, Pella windows and doors installed in barrier wall systems. In the states listed above, the installation of Pella Products in EIFS or similar barrier systems must be in accordance with Pella's instructions for that type of construction.
- 4) These drawings are the property of Pella Corporation and must not be reproduced in whole or in part without written permission from an authorized representative of Pella Corporation.
- 5) Product cross sections shown on these drawings are subject to change without notice.

## Construction Documents Received

THESE DRAWINGS WERE PREPARED FROM THE FOLLOWING INFORMATION		DATED
ARCHITECTURAL PLANS	COMPLETE	3/26/21
SPECIFICATIONS	NONE	-
ADDENDUM	NONE	-
OTHER	NONE	-

## Mullion Reinforcement













THIS REINFORCING DESIGN CONSIDERS WIND LOADING ON THE COMBINATION AND DEAD LOAD FOR PELLA PRODUCTS ONLY.		
MARK #	REINFORCEMENT TYPE	MAX. END LOAD
M6.2	1-1/2"x4-3/8" FACTORY APPLIED WOOD	314LBS

END CONNECTIONS MUST NOT INTERFERE WITH FRAMES OR SEALANT PLACEMENT. WALL CONSTRUCTION AND END CONNECTIONS MUST BE DESIGNED TO ACCEPT THE LOADS INDICATED. STEEL REINFORCEMENT MUST BE PRIMED & TOP COATED WITH QUALITY PAINT. USE FULL PENETRATION WELDS AT CONNECTIONS.

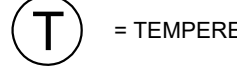
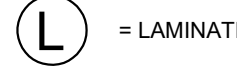
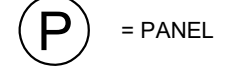
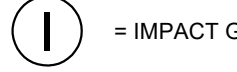
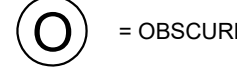
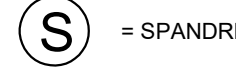
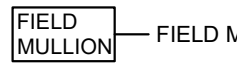


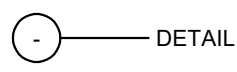


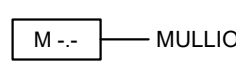

## Abbreviations

ALUM. = ALUMINUM	LBS. = POUNDS	R.O. = ROUGH OPENING
B.O. = BY OTHERS	MAX. = MAXIMUM	SDS. = SELF-DRILLING SCREW
CONT. = CONTINUOUS	MIN. = MINIMUM	SIM. = SIMILAR
CLR. = CLEARANCE	M.O. = MASONRY OPENING	TBD. = TO BE DETERMINED
DTL. = DETAIL	NA. = NOT APPLICABLE	TOT. FR. = TOTAL FRAME
DIM. = DIMENSION	OC. = ON CENTER	V.G. = VISIBLE GLASS
EQ. = EQUAL	OPG. = OPENING	VIF. = VERIFY IN FIELD
FHWS. = FLAT HEAD WOOD SCREW	OPP. = OPPOSITE	WO. = WINDOW OPENING
FR. = FRAME	REQ'D = REQUIRED	

## Hatch Patterns

 PLYWOOD	 BRICK	 STEEL	 FOAM SEALANT
 GYPSUM	 CONCRETE	 RIGID INSULATION	 SOLID
 WOOD	 CONCRETE BLOCK	 GROUT	 BATT INSULATION

## Symbols

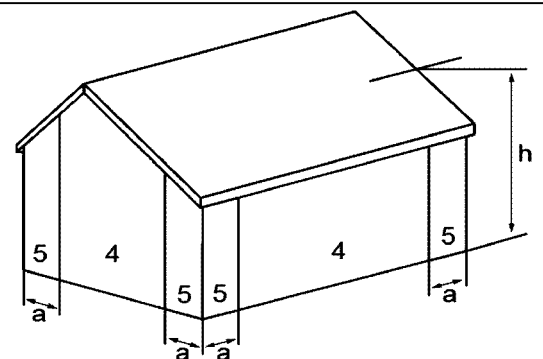
 = TEMPERED GLAZING	 = LAMINATED	 = PANEL
 = IMPACT GLAZING	 = OBSCURE GLAZING	 = SPANDREL
 = FIELD MULLION INDICATOR	 = PARTIAL BLOCKING	 = SEALANT
 = DETAIL CUT	 = CONTINUOUS BLOCKING	 = BACKER ROD
 = MULLION REINFORCEMENT	 = SPRAY FOAM SEALANT	

## Components & Cladding Design Pressures

DESIGN PRESSURE PER CODE: ASCE 7-10 (IBC 2012, IBC 2015)

Mean Roof Height (ft):	68
Building Classification/Occupant Category:	II
Design Wind Speed (MPH):	115
Exposure Category:	B
Topographical Factor:	1

Building Length (ft):	NA
	NA
Building Width (ft):	NA
	Verify
Edge Strip "a" (ft):	Verify
	Verify



Sq ft of opening	Zone 4		Zone 5	
	Pos	Neg	Pos	Neg
10	16.4	-16.5	16.4	-30.4
20	16.4	-16.5	16.4	-30.4
50	15.1	-15.7	15.1	-26.9
100	14.1	-15.0	14.1	-24.2
500	11.9	-13.5	11.9	-18.1

Note: The pressures and loads shown have been converted to comply with WDMA/AAMA standards and NAFS Performance rating system. This system is based on Allowable Stress design pressures.

FAILURE TO CONFIRM THESE DESIGN PRESSURES BY A LOCAL STRUCTURAL ENGINEER OR BUILDING OFFICIAL MAY RESULT IN INADEQUATE MULLION DESIGN OR SELECTION OF PRODUCTS.

## Field Water Testing

FIELD WATER TESTING (IF SPECIFIED) SHALL BE CONDUCTED IN ACCORDANCE WITH ASTM E1105 TEST PROCEDURE B. THE TEST PRESSURE SHALL BE BASED ON THE MAXIMUM POSITIVE COMPONENTS AND CLADDING DESIGN PRESSURE. UTILIZING THE AAMA 502 FIELD TEST REDUCTION, THE WATER TEST PRESSURE IS 10% OF THE MAXIMUM POSITIVE DESIGN PRESSURE.

## Deviations from Architectural Drawings

- CONFIRM THE FOLLOWING ITEMS ARE ACCEPTABLE WITH THE GENERAL CONTRACTOR AND PROJECT ARCHITECT:
- THE BUILDING ELEVATION GENERAL NOTES AND THE WINDOW SCHEDULE WINDOWDOOR GENERAL NOTES IN THE ARCHITECTURAL DRAWINGS INDICATES THAT 72% OR GREATER VISIBLE LIGHT TRANSMITTANCE (VLT) AND 12% OR LESS REFLECTIVITY IS REQUIRED. CONFIRM THE PROPERTIES OF GLAZING INDICATED IN THE SHOP DRAWING SPECIFICATION TABLE ARE ACCEPTABLE WITH THE PROJECT ARCHITECT.
  - THE WINDOW SCHEDULE IN THE ARCHITECTURAL DRAWINGS APPEAR TO INDICATE THAT WINDOW SILLS ARE TO BE SET AT FINISHED FLOOR LEVEL. PELLA RECOMMENDS AND THIS SHOP DRAWING SHOWS THE WINDOW SILLS ELEVATED TO ALLOW CLEARANCE FOR THE USE OF INSTALLATION FIN, TO MANAGE THE INTRUSION OF INCIDENTAL MOISTURE, AND TO PROTECT THE WINDOW UNIT.
  - THE WINDOW SCHEDULE WINDOWDOOR GENERAL NOTES IN THE ARCHITECTURAL DRAWINGS INDICATES 1" TOTAL THICKNESS INSULATING GLAZING IS REQUIRED. PELLA GLAZING THICKNESS VARIES BASED ON THE STRUCTURAL REQUIREMENTS OF THE PRODUCT AND THE PRODUCT DESIGN.
  - THE MUNTIN DETAILS IN THE ARCHITECTURAL DRAWINGS INDICATE PROFILE DIMENSIONS THAT VARY FROM THE 7/8" PELLA INTEGRAL LIGHT TECHNOLOGY (ILT) MUNTIN OR GRILLE PROFILE IN THIS SHOP DRAWING.

**APPROVED**

By Tim Askin - Milwaukee HPC at 1:22 pm, Jun 23, 2021

## Special Notes

- CONFIRM THE FOLLOWING ITEMS ARE ACCEPTABLE WITH THE GENERAL CONTRACTOR AND PROJECT ARCHITECT:
- INSTALLATION ACCESSORIES SUCH AS BLOCKING, SHIMS, FASTENERS, FLASHING TAPES, FLASHINGS, SEALANTS, INTERIOR TRIM OR FINISHES, AND WEATHER BARRIER ARE BY OTHERS UNLESS NOTED OTHERWISE.
  - FIELD VERIFY ALL DETAILS & DIMENSIONS
  - ARCHITECT TO VERIFY SAFETY GLAZING & EGRESS REQUIREMENT
  - CAUTION WHEN HANDLING PRODUCT: ALL PELLA PRODUCTS SHOULD BE KEPT VERTICAL DURING HANDLING AND STORAGE. ANY MISHANDLING COULD RESULT IN PRODUCT AND/OR MULLION FAILURE.
  - IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO ENSURE ALL WINDOWS AND DOORS ARE CLOSED AND LOCKED DURING INCLEMENT WEATHER OR WHEN A ROOM IN WHICH A WINDOW OR DOOR IS INSTALLED IS VACANT.
  - PELLA CORPORATION DID NOT RECEIVE PROJECT SPECIFICATIONS, THEREFORE CONFORMANCE TO PROJECT SPECIFICATIONS IS THE SOLE RESPONSIBILITY OF THE PELLA DISTRIBUTOR AND THE GENERAL CONTRACTOR.
  - THE BUILDING ADDITION PELLA WINDOW INSTALLATION DETAILS SHOWN IN THIS SHOP DRAWING ARE FOR PRODUCT BEING INSTALLED IN A WALL THAT UTILIZES A FLUID APPLIED WEATHER BARRIER SYSTEM. IF THE PELLA WINDOW PRODUCTS ARE TO BE INSTALLED IN A WALL THAT UTILIZES A DIFFERENT TYPE OF WEATHER BARRIER SYSTEM, IT IS REQUIRED THAT PELLA CORPORATION BE CONTACTED IMMEDIATELY TO ARRANGE FOR THE INSTALLATION DETAILS TO BE REVISED.
  - DUE TO THE NATURE OF ANY REPLACEMENT PROJECT, IT IS IMPERATIVE THAT THE ARCHITECT, ENGINEER OR CONTRACTOR DETERMINES IF THE EXISTING STRUCTURE IS STRUCTURALLY SOUND FOR THE ANCHORAGE OF THE WINDOWS SPECIFIED FOR THIS PROJECT. IN ADDITION, THE ARCHITECT, ENGINEER AND CONTRACTOR MUST DETERMINE IF THE DETAILS SHOWN ON THESE DRAWINGS ARE ACCEPTABLE WITH THE EXISTING FLASHING FOR AN EFFECTIVE WATER MANAGED SYSTEM. ALSO, THE EXISTING WALL CONSTRUCTION MUST BE CHECKED TO DETERMINE IF WATER PROBLEMS EXIST. ANY WATER PENETRATION MUST BE REPAIRED PRIOR TO INSTALLING THE NEW WINDOWS.

**Pepper Construction**  
Tomorrow Transformed

REVIEWED

FOR APPROVAL

FOR RECORD

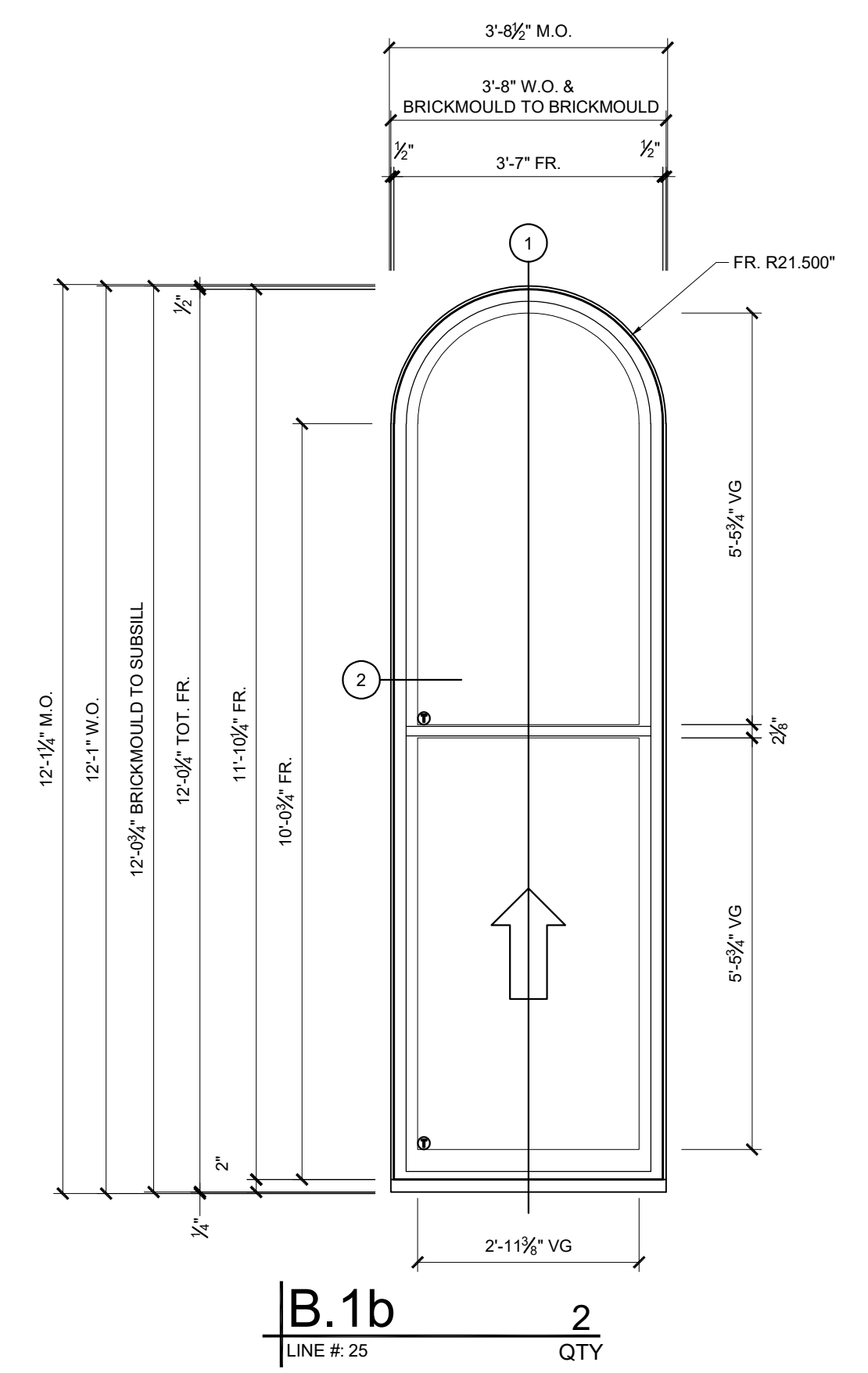
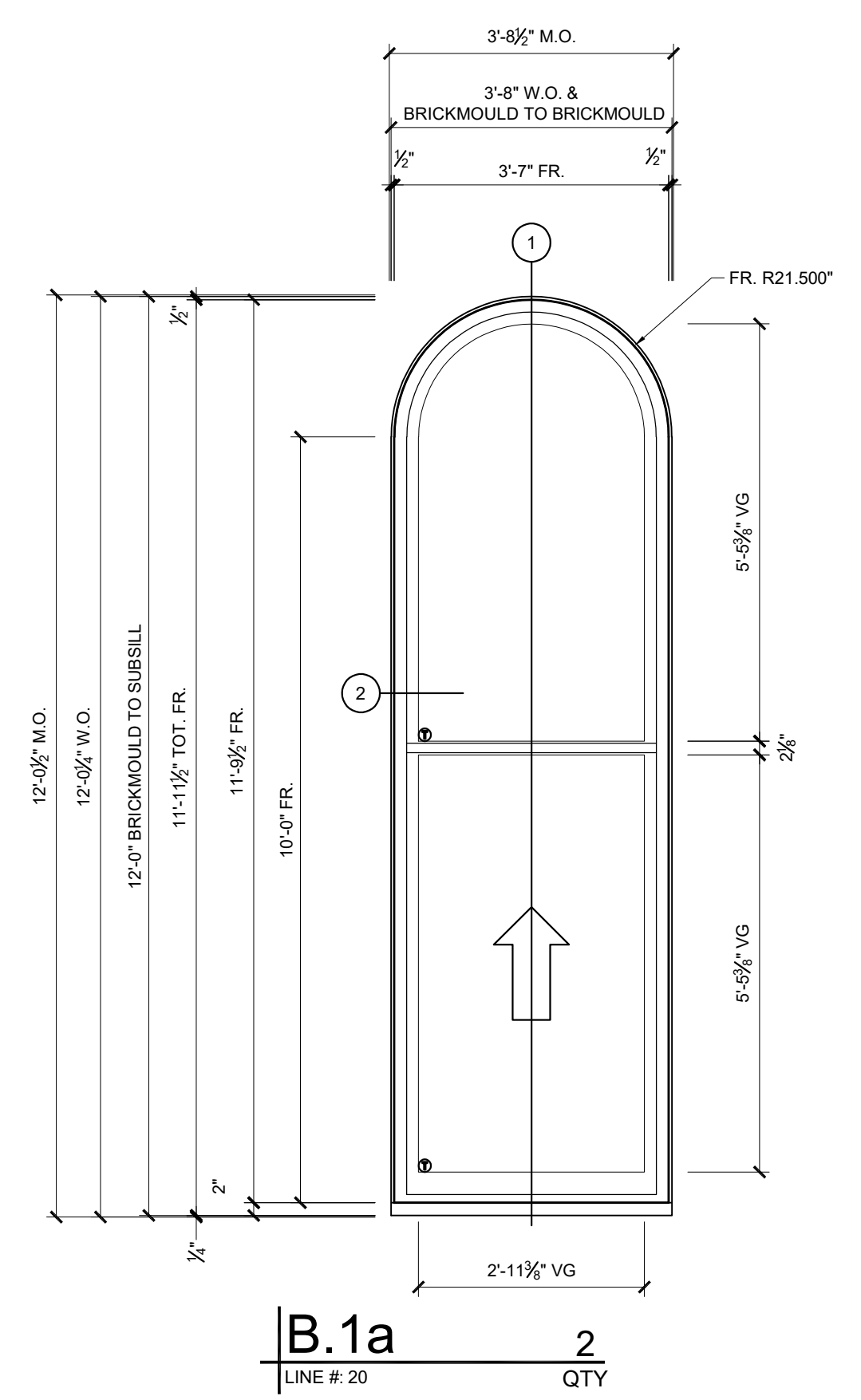
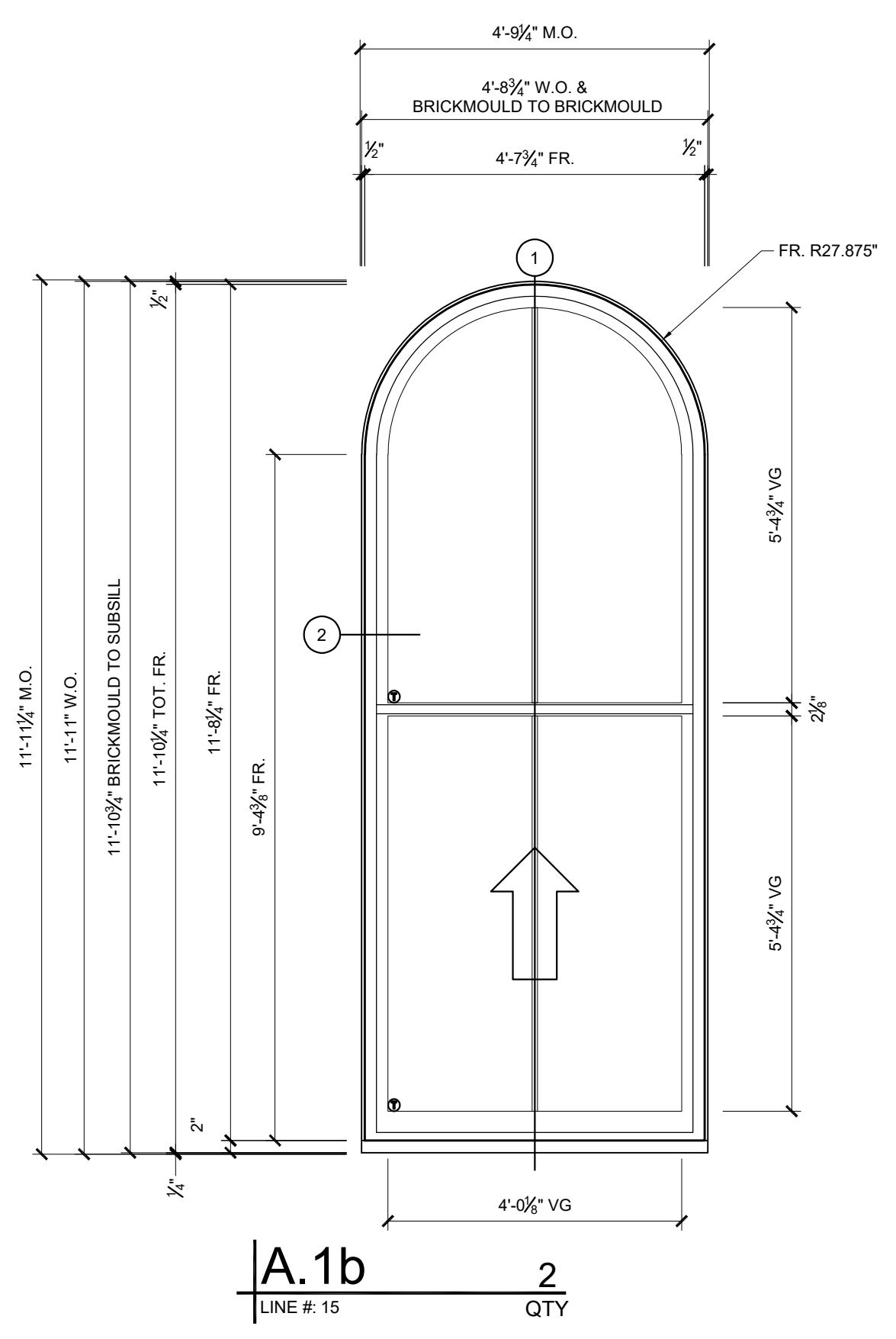
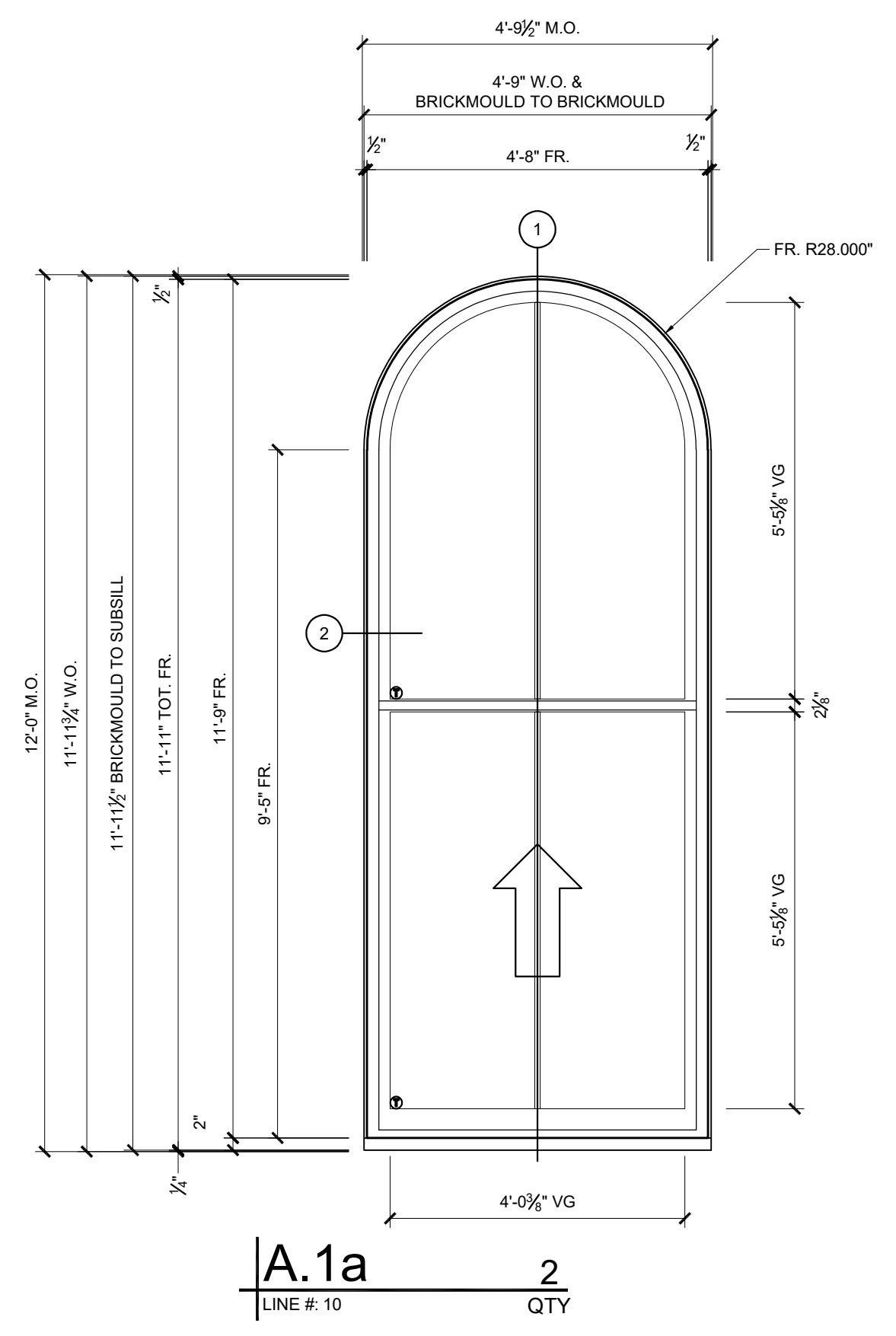
Review of this shop drawing does not relieve the Architect, Engineer or subcontractor of their contractual design responsibilities. Pepper Construction has not reviewed and is not in any way responsible for design elements, load or dimension calculations or similar matters. The subcontractor is responsible to furnish additional material or work as required by the contract and review of these documents. The Subcontractor is responsible for dimension to be confirmed and correlated at the job site.

**JOB:** 2002043      **BY:** KralT      **DATE:** 5/18/2021

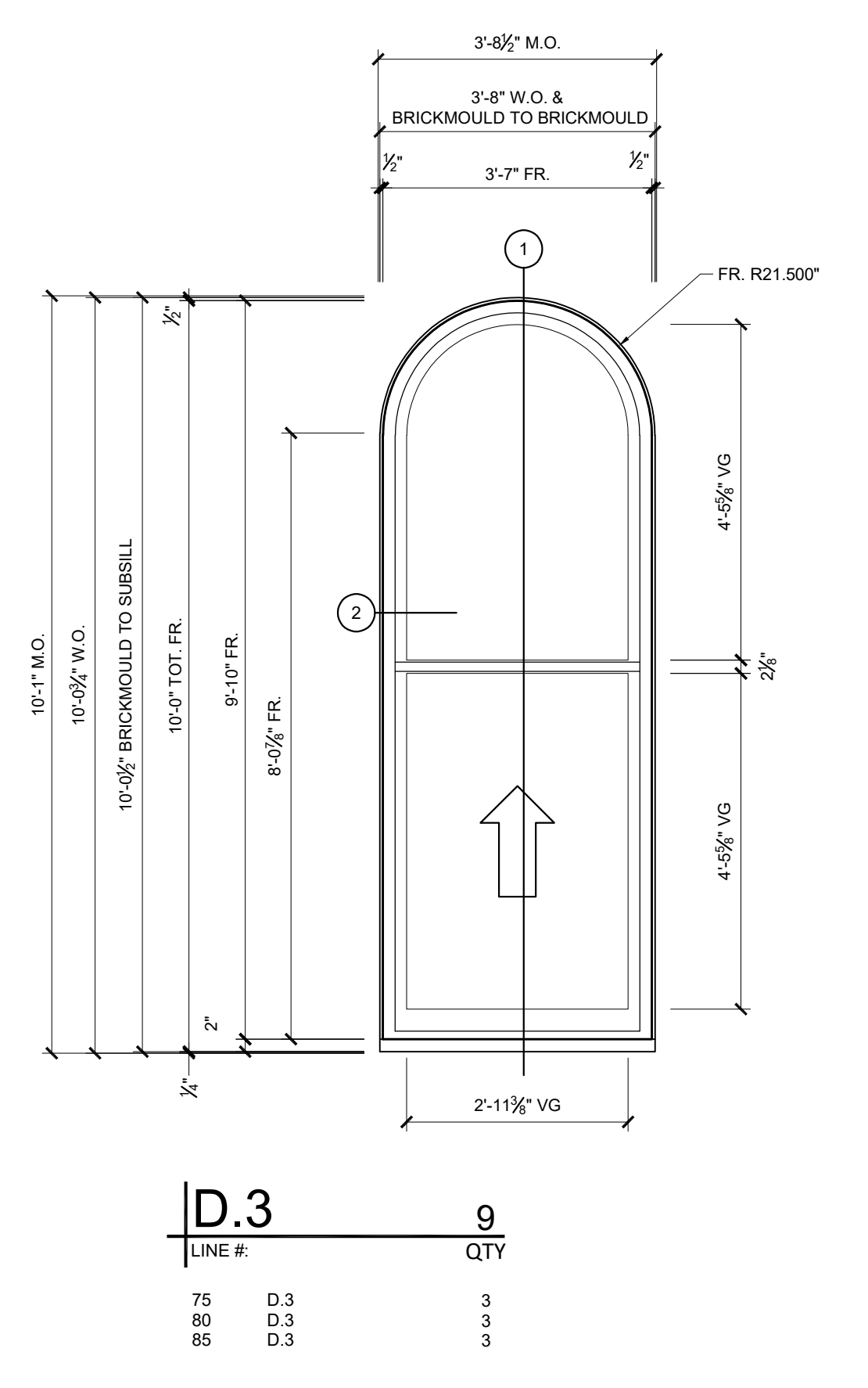
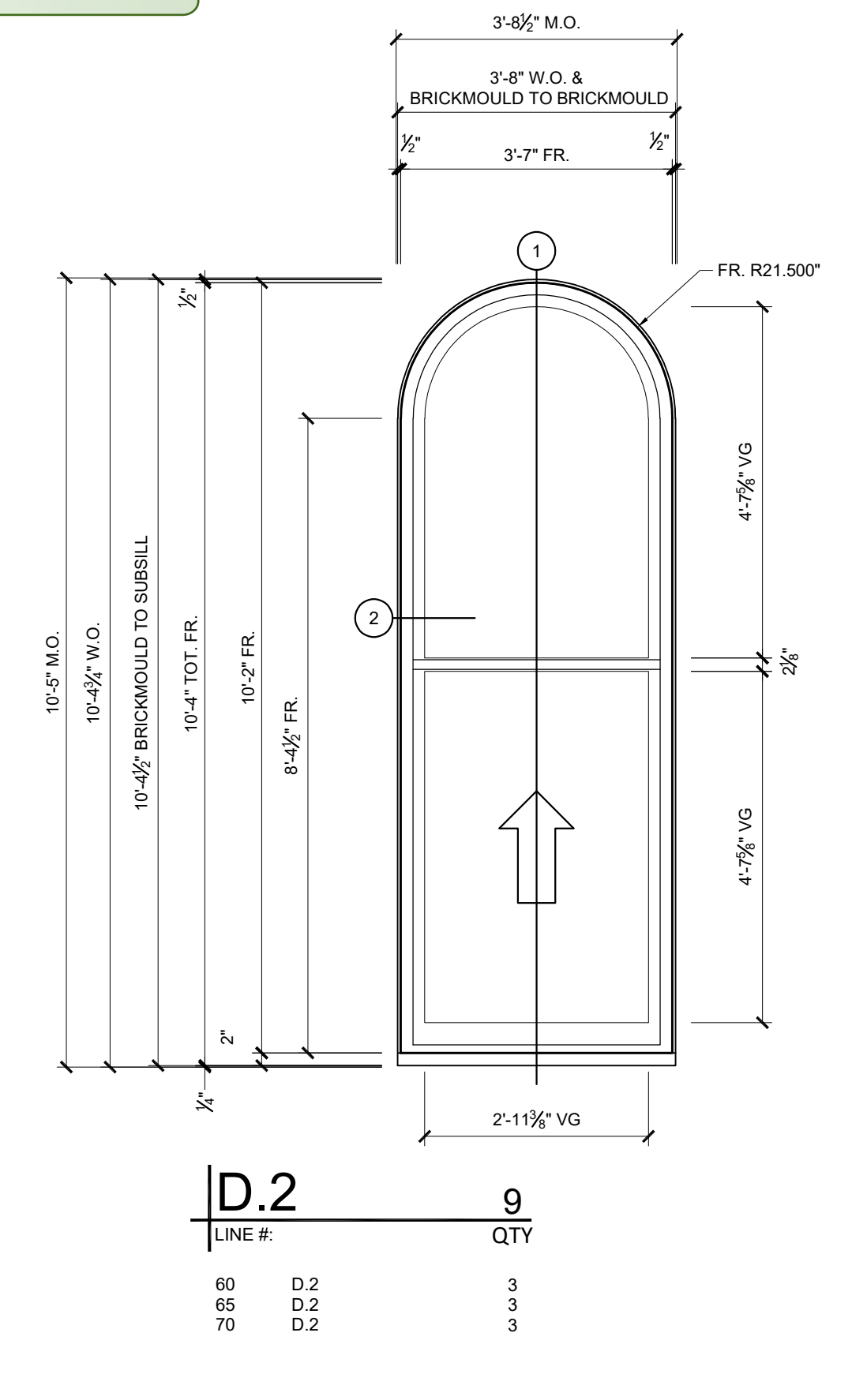
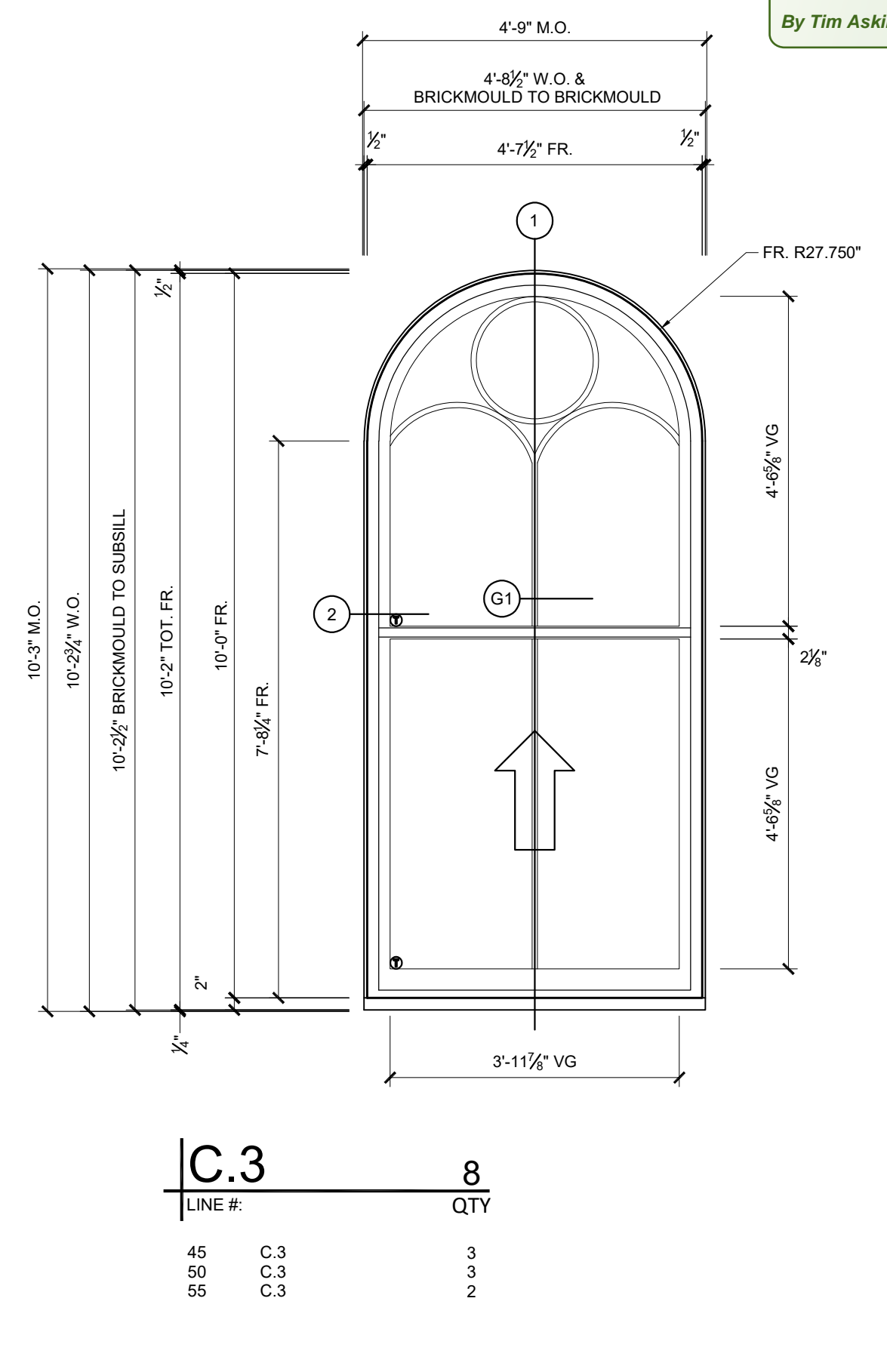
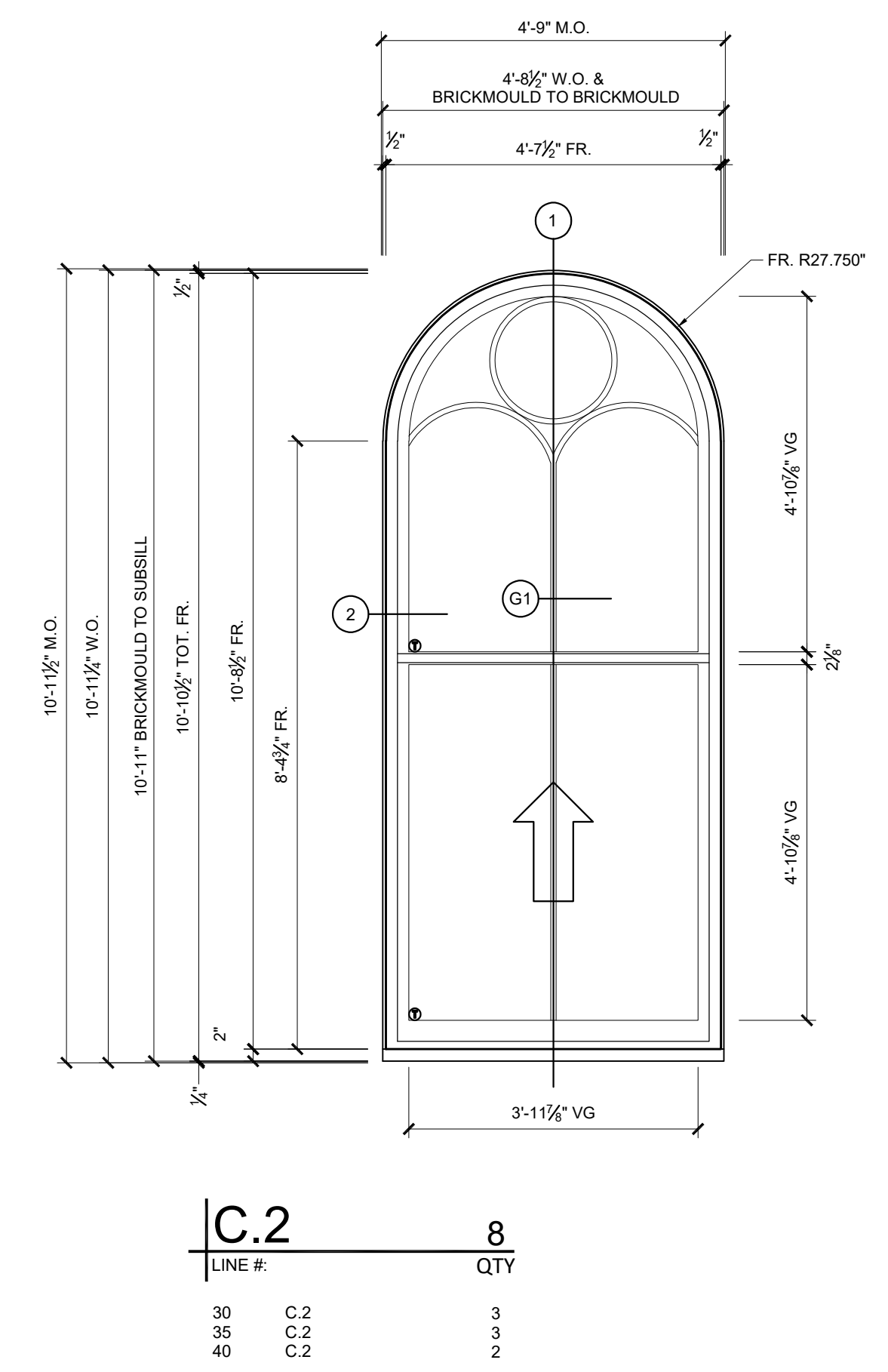
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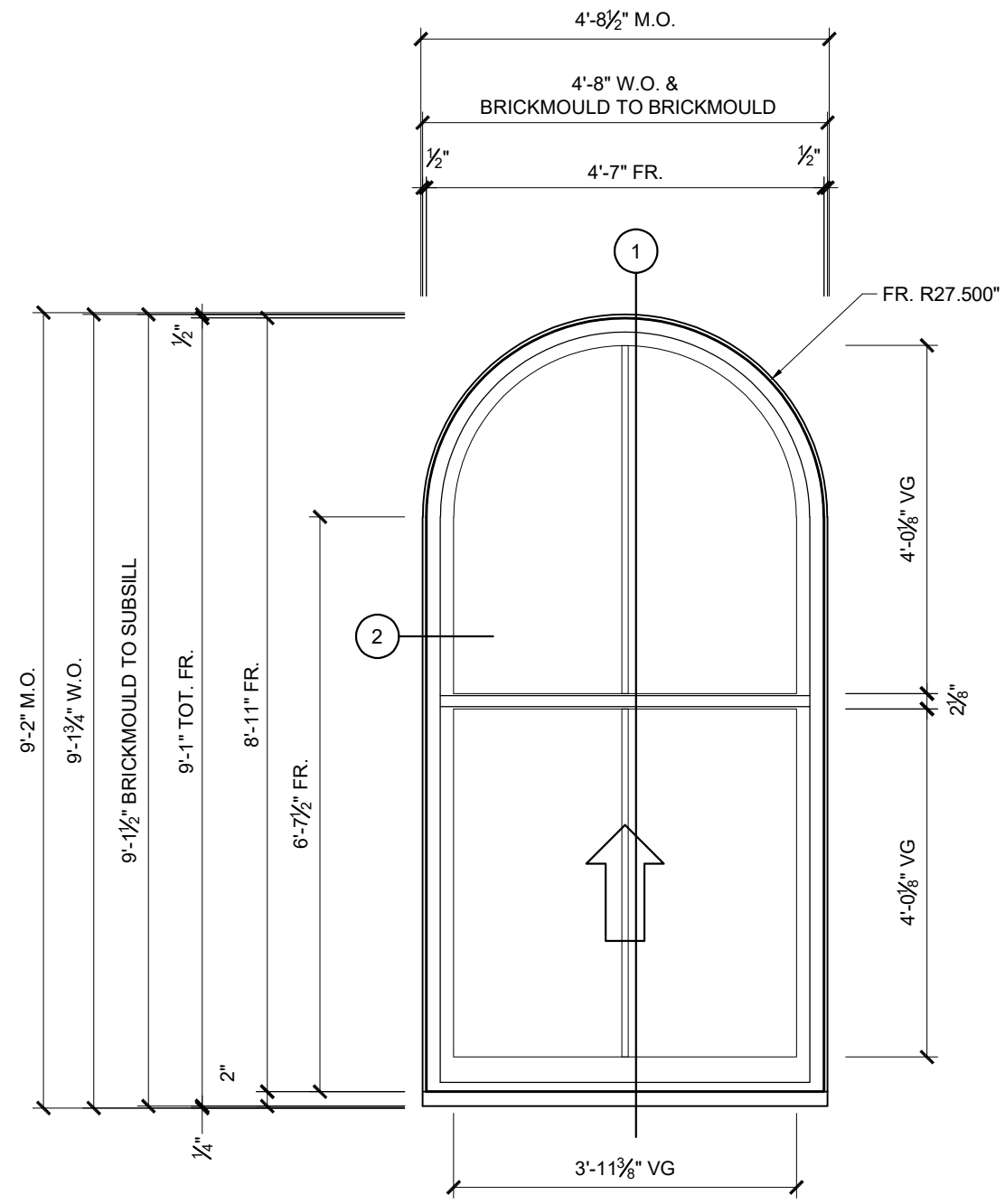


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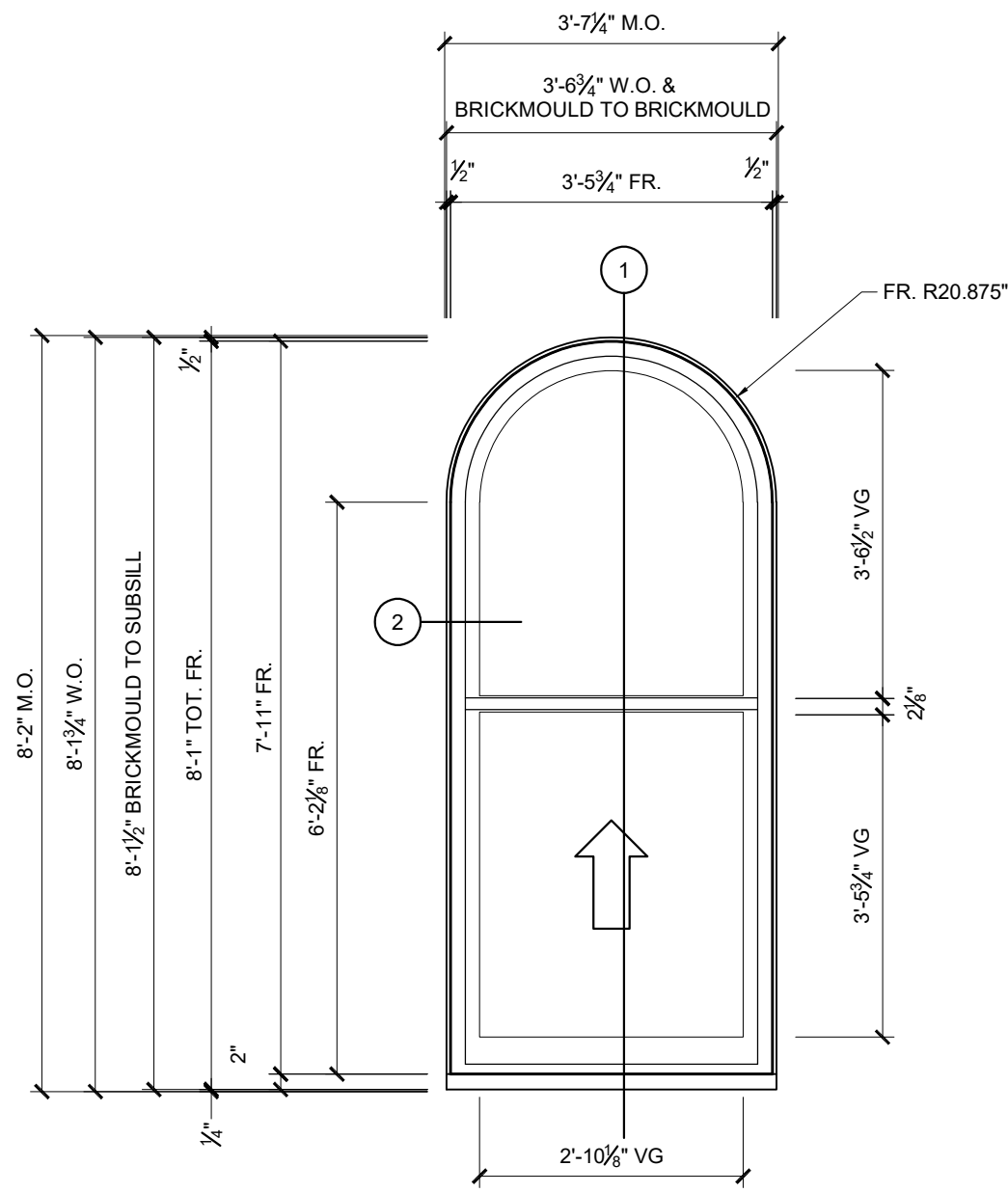


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By Tim Askin - Milwaukee HPC at 1:22 pm, Jun 23, 2021

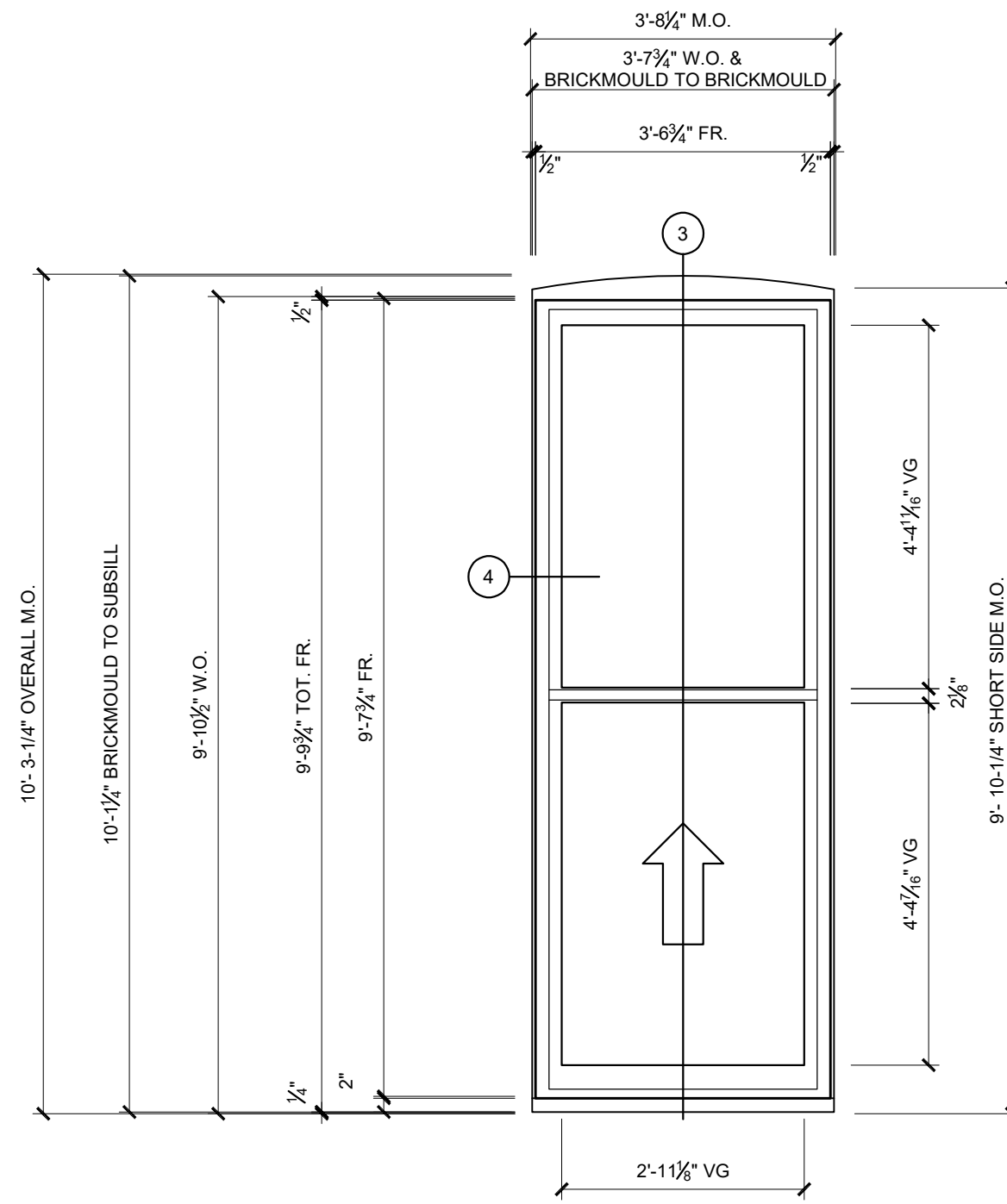




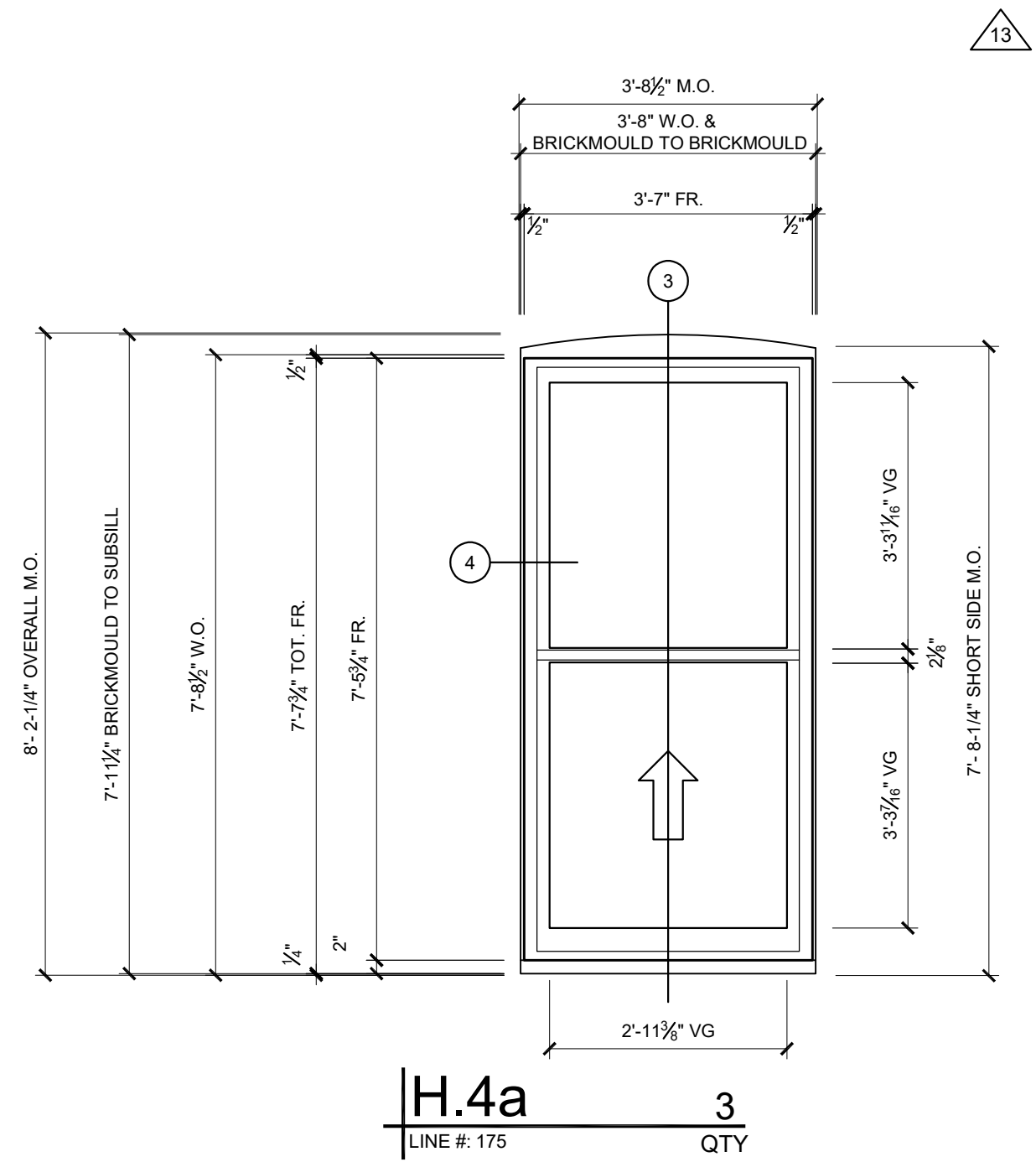
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LINE #		QTY
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95	E.4	3
100	E.4	2



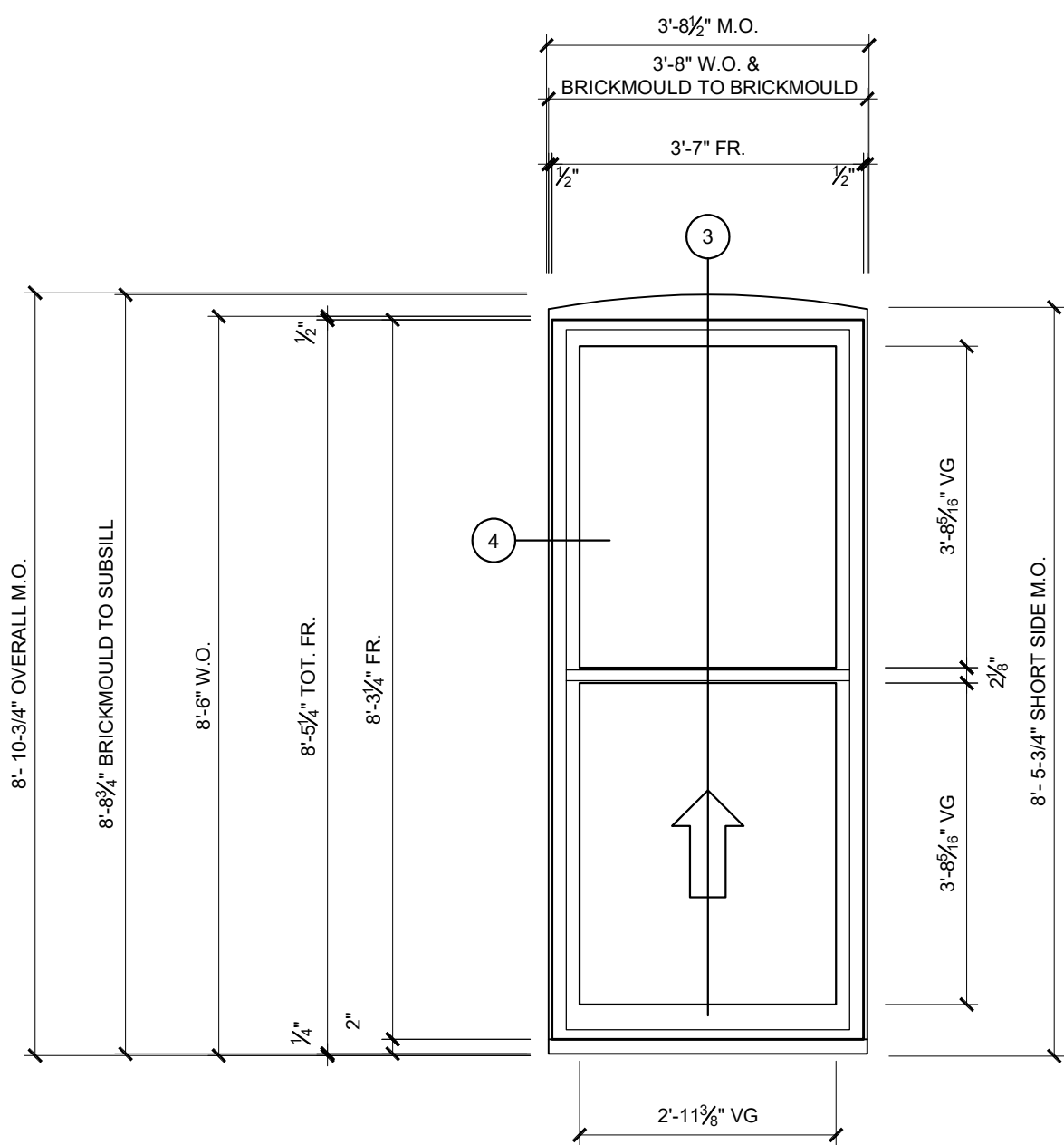
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LINE #		QTY
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110	F.4	3
115	F.4	3



G		12
LINE #		QTY
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130	G	4
170	G	4



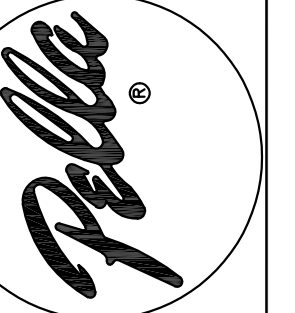
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LINE #: 175 QTY 3



**H.4b**  
LINE #: 180 QTY 3

**APPROVED**

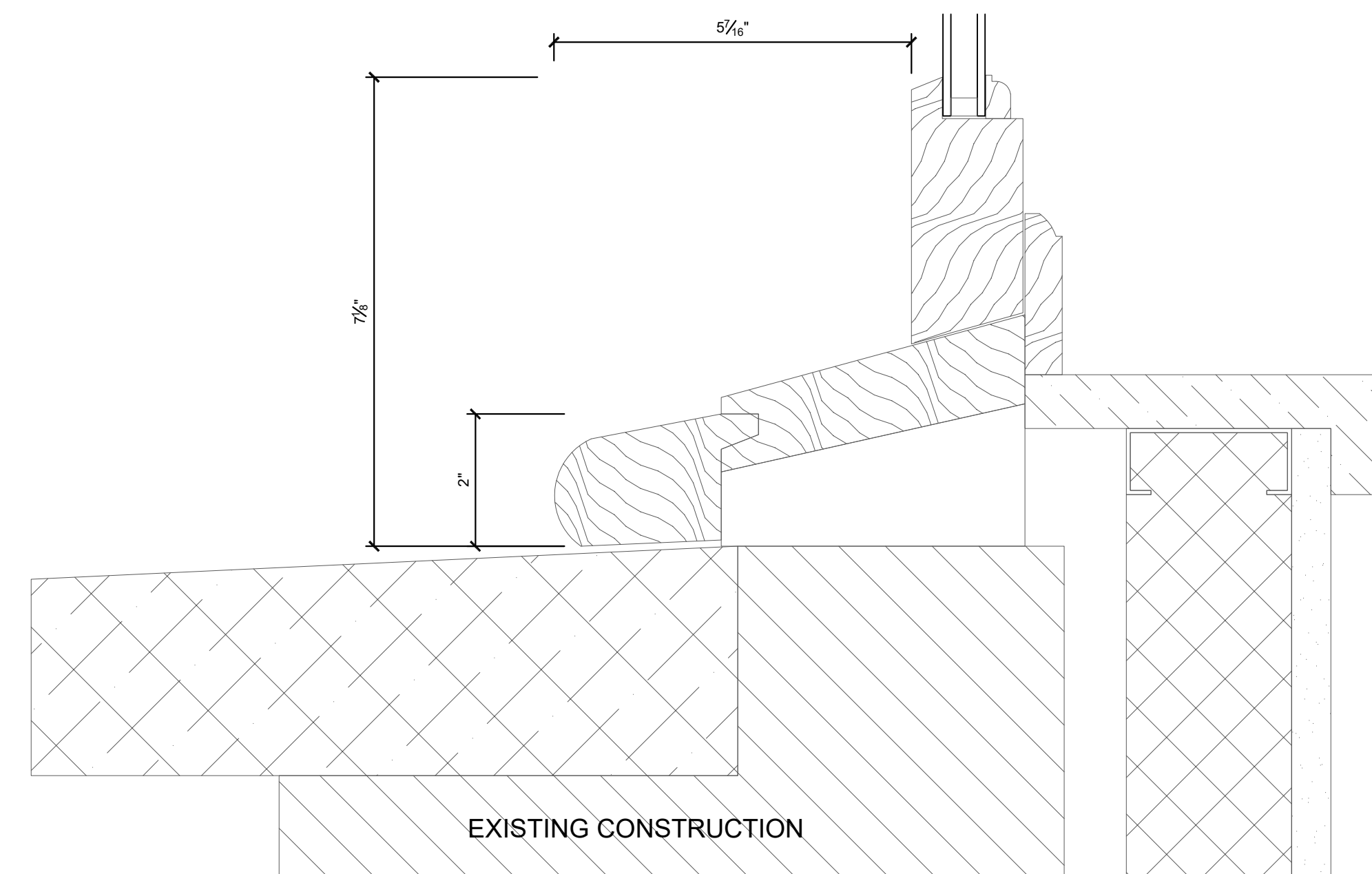
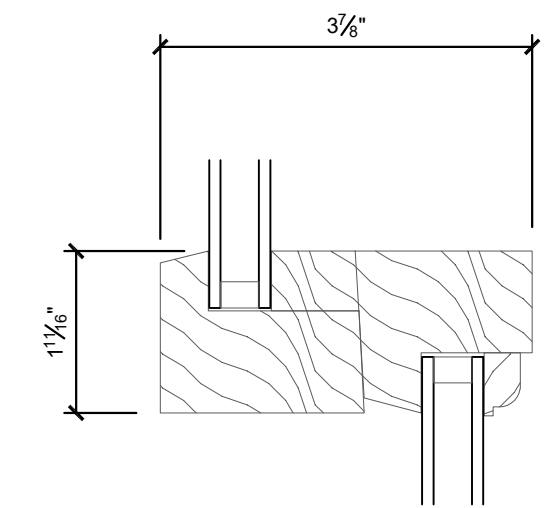
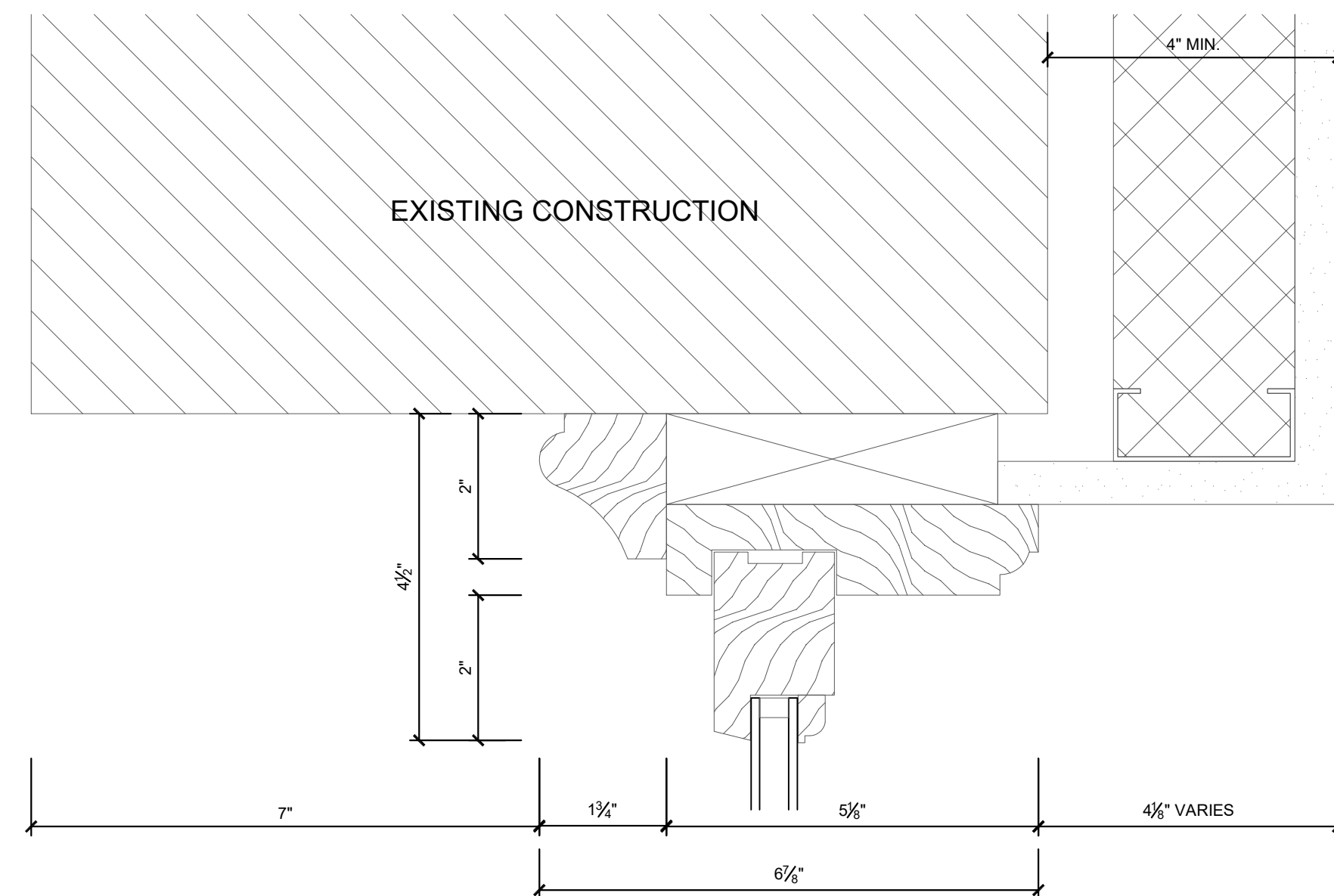
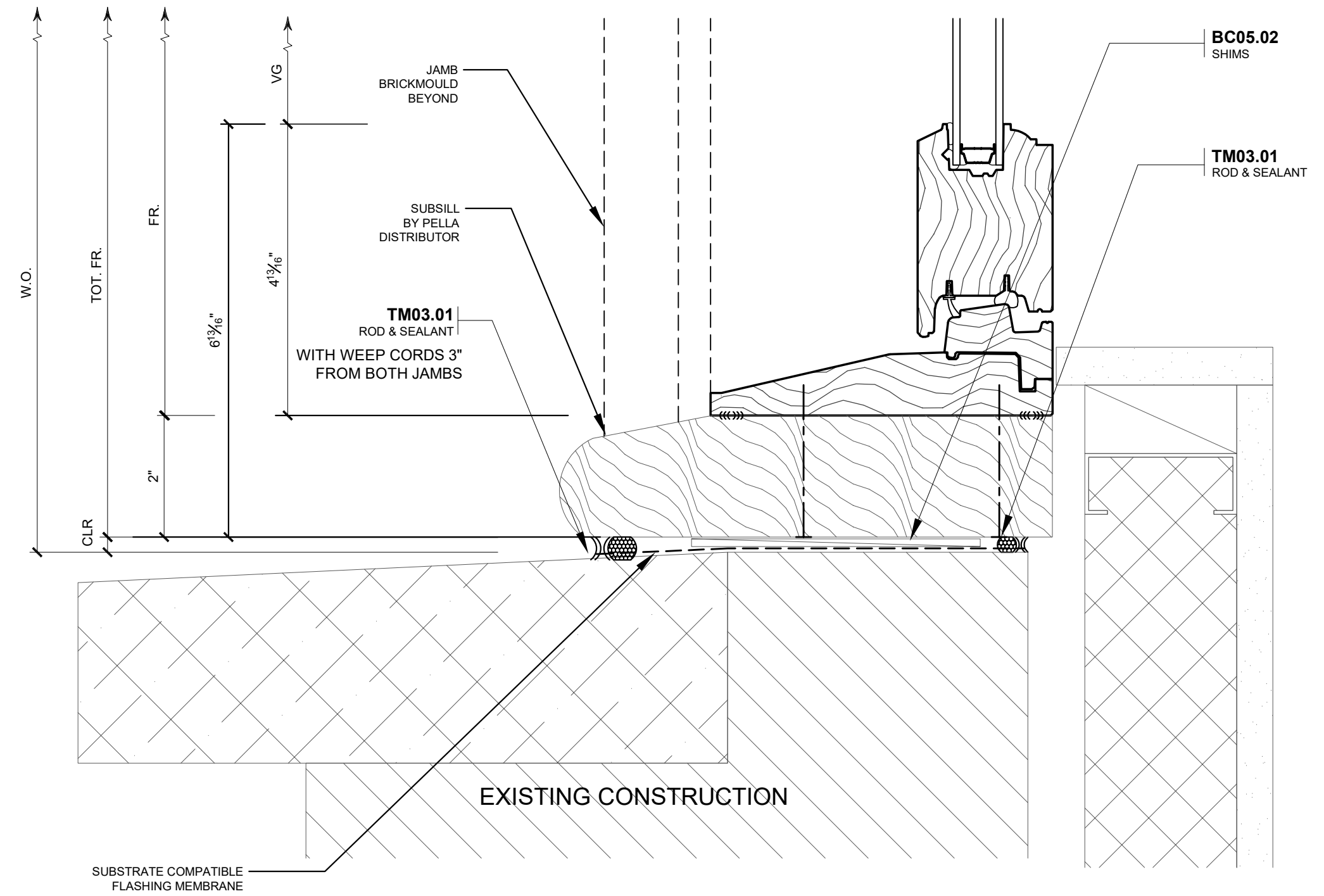
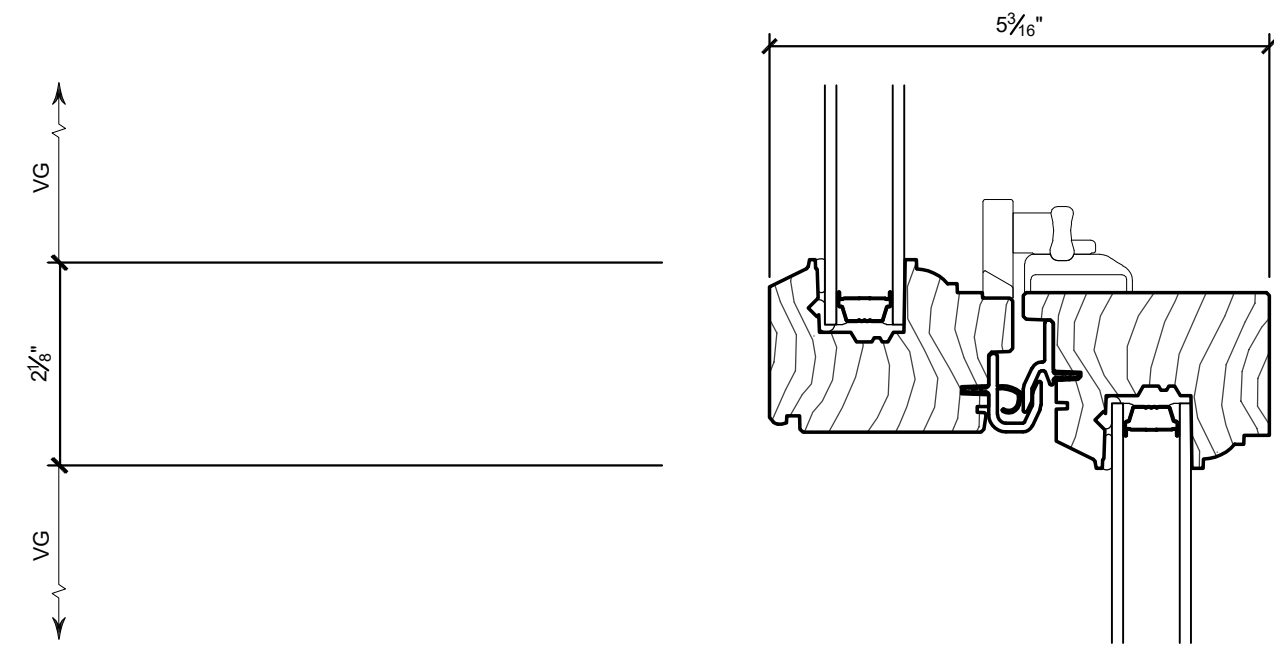
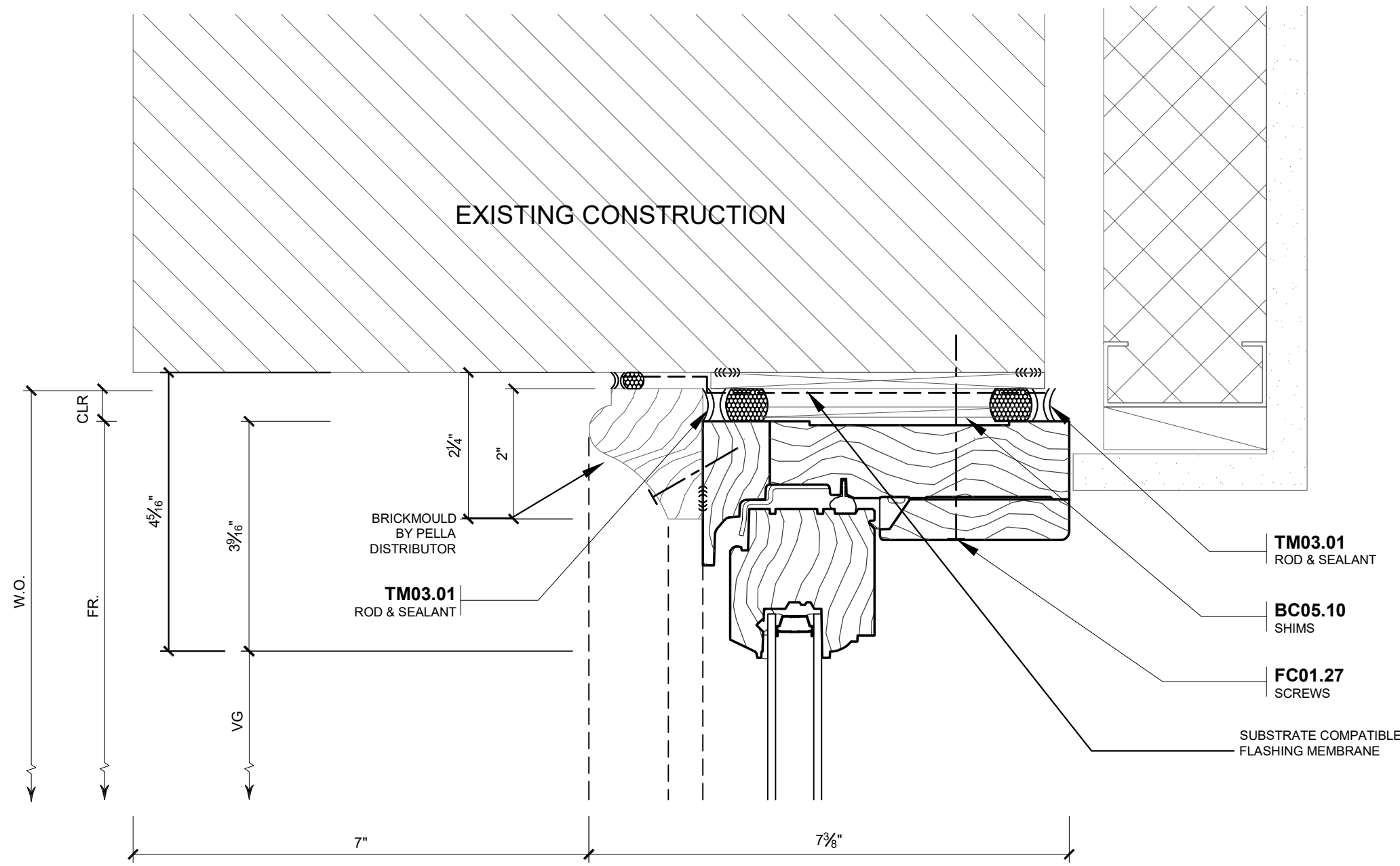
By Tim Askin - Milwaukee HPC at 1:22 pm, Jun 23, 2021



REV	DATE	REV	DATE
1	5-19-21		







**DETAIL KEYNOTES**

**BC : BUILDING COMPONENTS (BY OTHERS)**

BC05.02 LEVEL OPENING SILL PRIOR TO UNIT INSTALLATION. PROVIDE IMPERVIOUS SHIMS 1/2" FROM EACH OPENING JAMB AND AT WINDOW MULLION AS REQUIRED. FOR VINYL WINDOWS, ADD SHIMS SO MAXIMUM SPACING IS 18"

BC05.10 SHIM AS REQUIRED AT ANCHORAGE LOCATIONS. (DO NOT OVER SHIM)

**FC : FASTENING COMPONENTS**

FC01.27 PRE-DRILL PILOT HOLES AND ANCHOR UNIT TO OPENING WITH #8 x 3 1/8" FINISH HEAD WOOD SCREWS SPACED WITHIN 6" OF OUTSIDE EDGE AND 16" ON CENTER MAXIMUM. CAUTION: SHIM AT ANCHORAGE LOCATIONS. DO NOT BOW WINDOW FRAME.

**TM : THERMAL AND MOISTURE PROTECTION**

TM03.01 WATER RESISTANT BACKER ROD AND SEALANT.

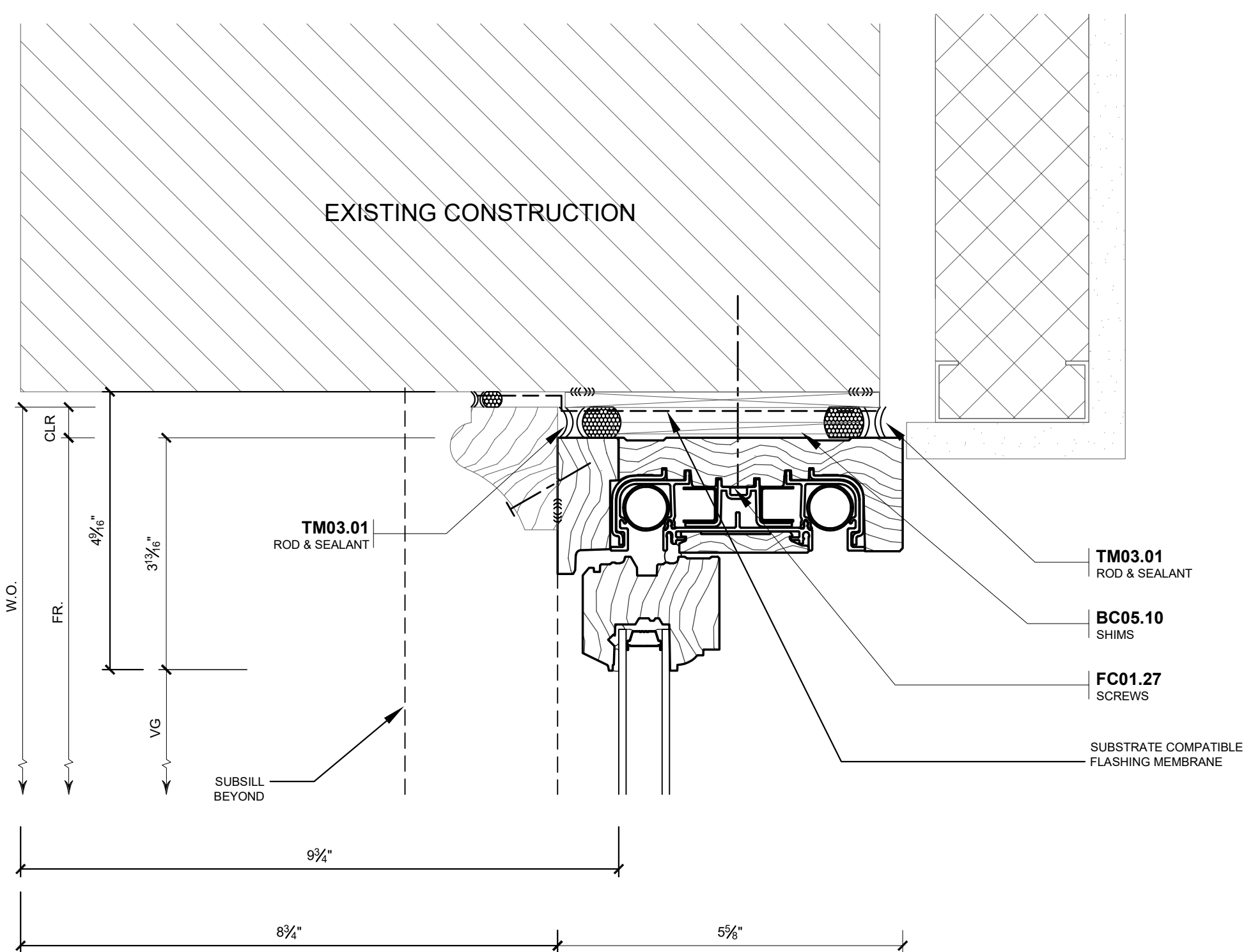
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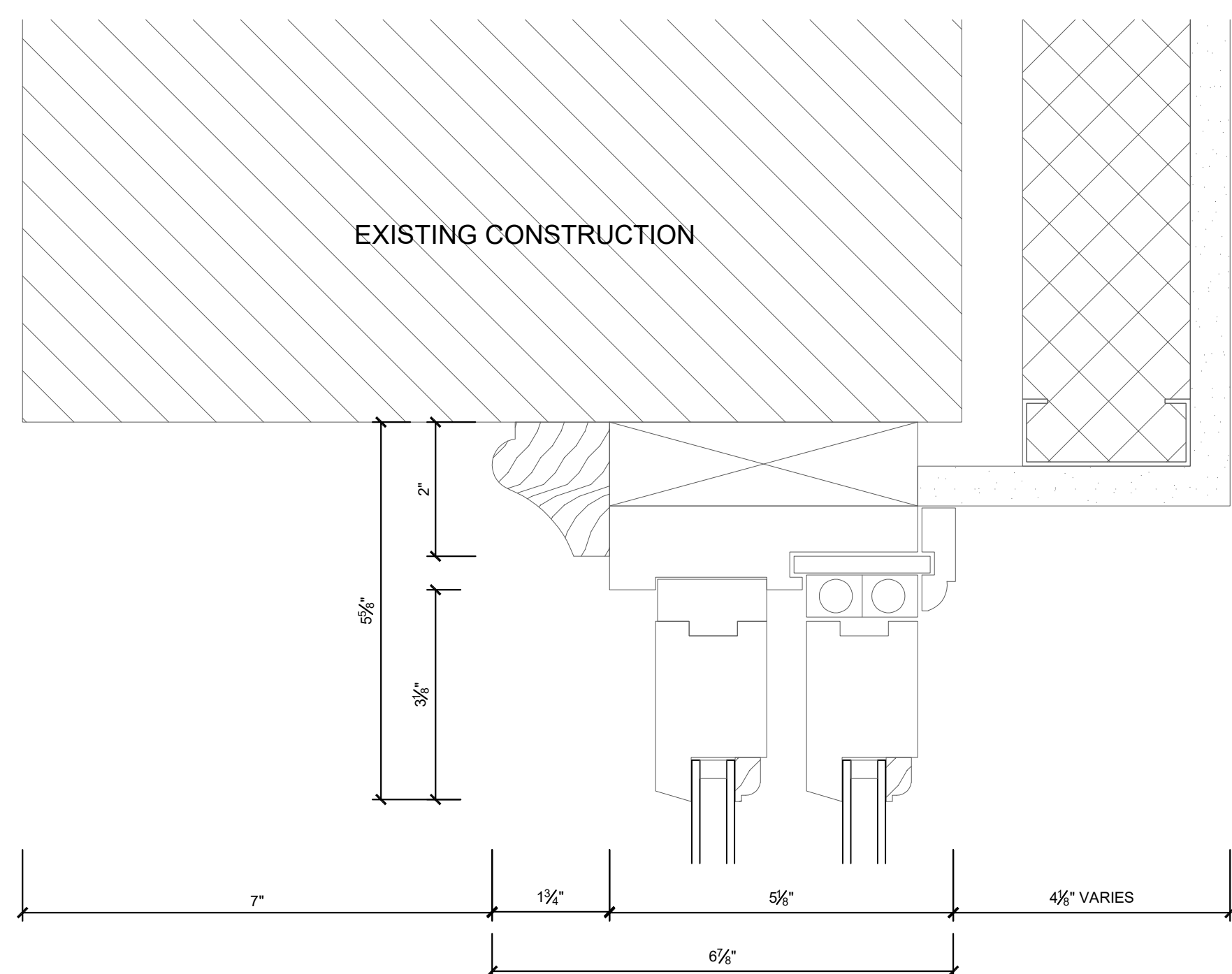
INSTALLATION SHOP DRAWING FOR  
**KINN MKE GUESTHOUSE**  
LOCATION: MILWAUKEE, WISCONSIN  
ARCHITECT: VETTER

ORIGINAL: 2/16/21  
DRAWN BY: ZG  
CHECKED BY: GG  
Project No.:  
**216963.13**  
SHEET:  
**05 OF 11**

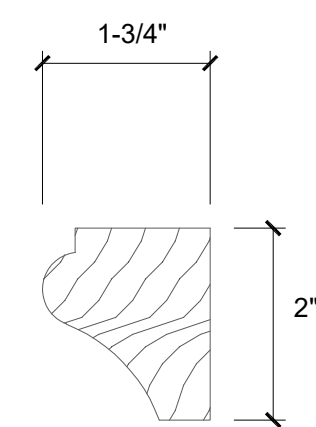




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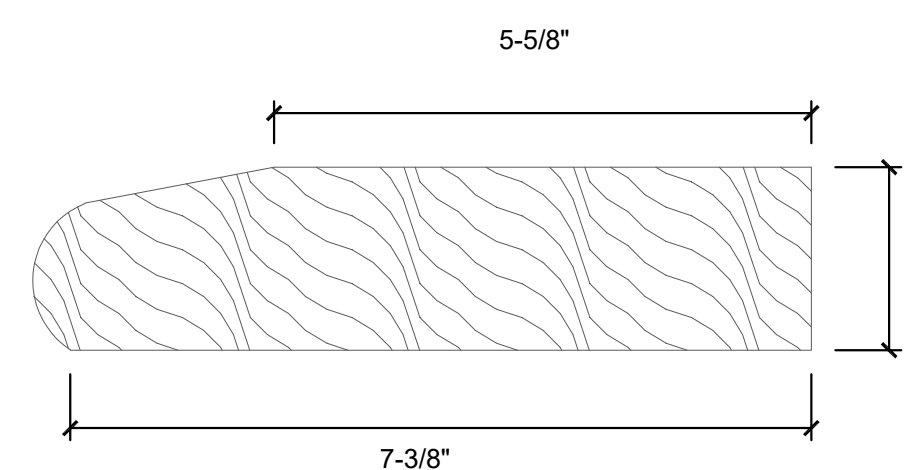


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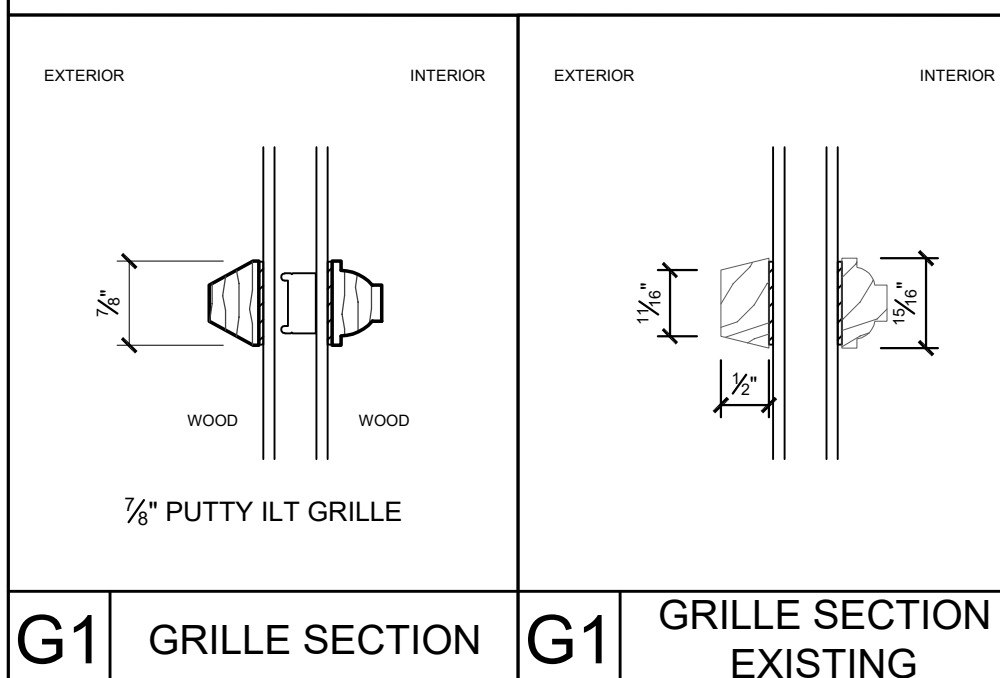
NOTE: CONFIRM PROFILE OF WOOD BRICKMOULD AND SUBSILL BY PELLA DISTRIBUTOR.

**BRICKMOULD PROFILE**



NOTE: CONFIRM PROFILE OF WOOD BRICKMOULD AND SUBSILL BY PELLA DISTRIBUTOR.

**SUBSILL PROFILE**



**DETAIL KEYNOTES**

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FC : FASTENING COMPONENTS

FC01.27 PRE-DRILL PILOT HOLES AND ANCHOR UNIT TO OPENING WITH #8 x 3 1/8\"/>

TM : THERMAL AND MOISTURE PROTECTION

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By Tim Askin - Milwaukee HPC at 1:22 pm, Jun 23, 2021

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INSTALLATION SHOP DRAWING FOR  
**KINN MKE GUESTHOUSE**  
LOCATION: MILWAUKEE, WISCONSIN  
ARCHITECT: VETTER

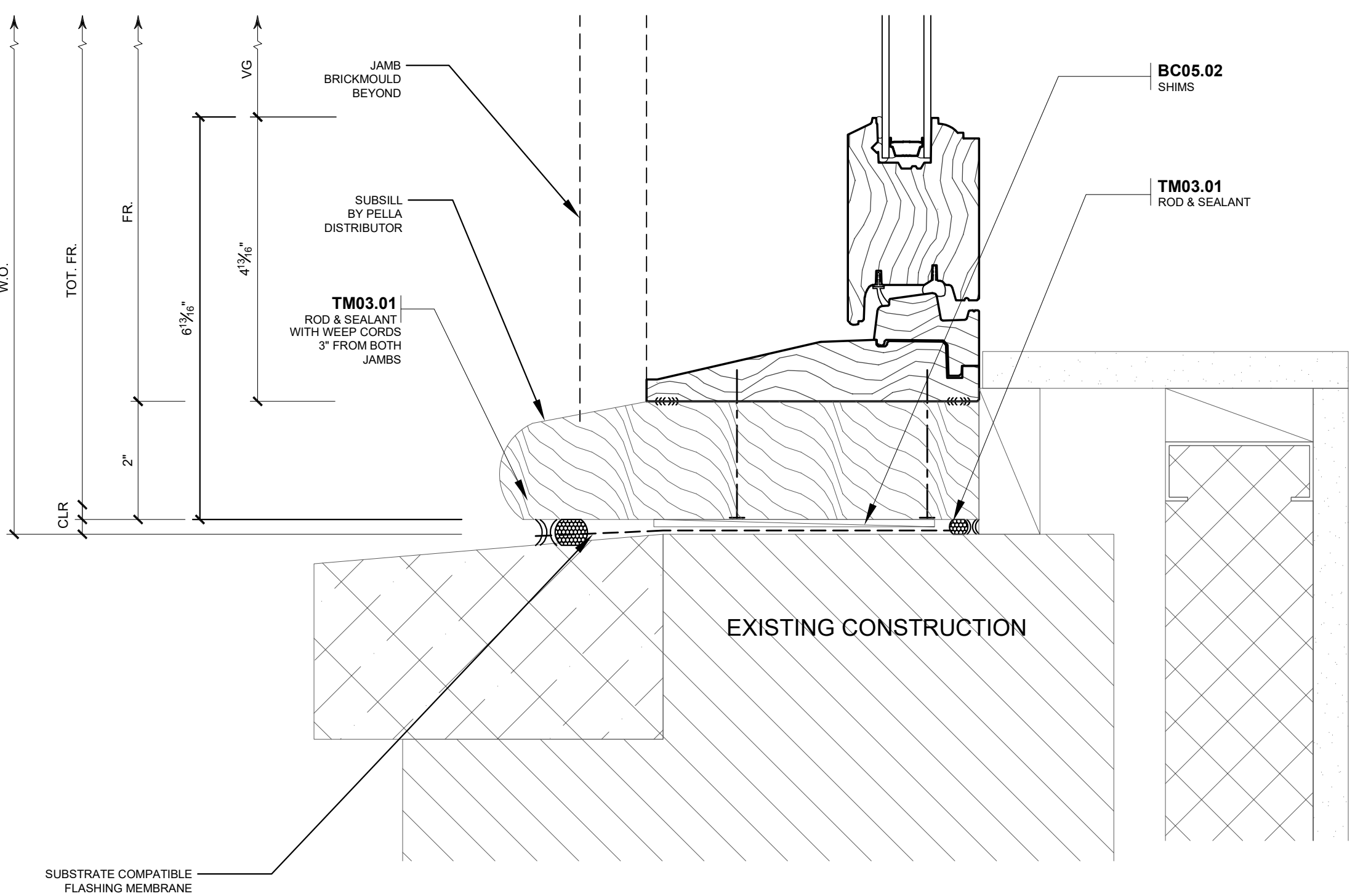
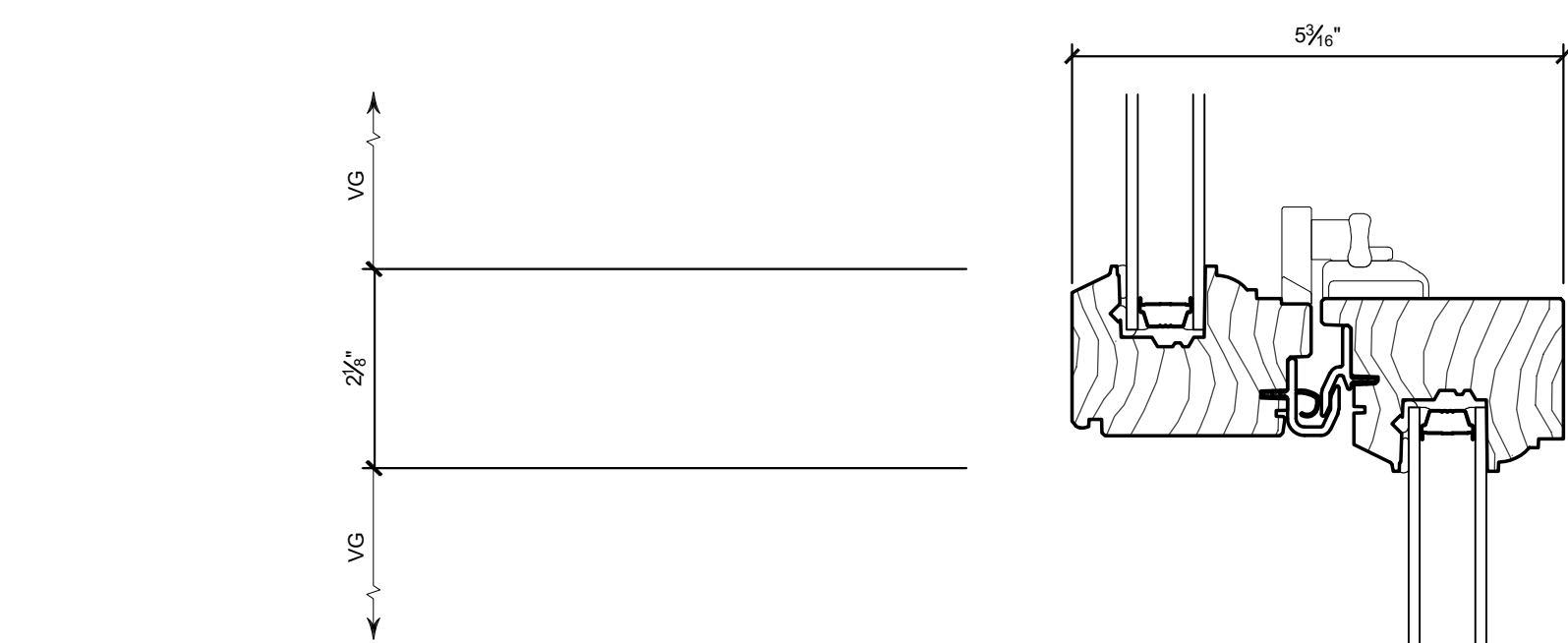
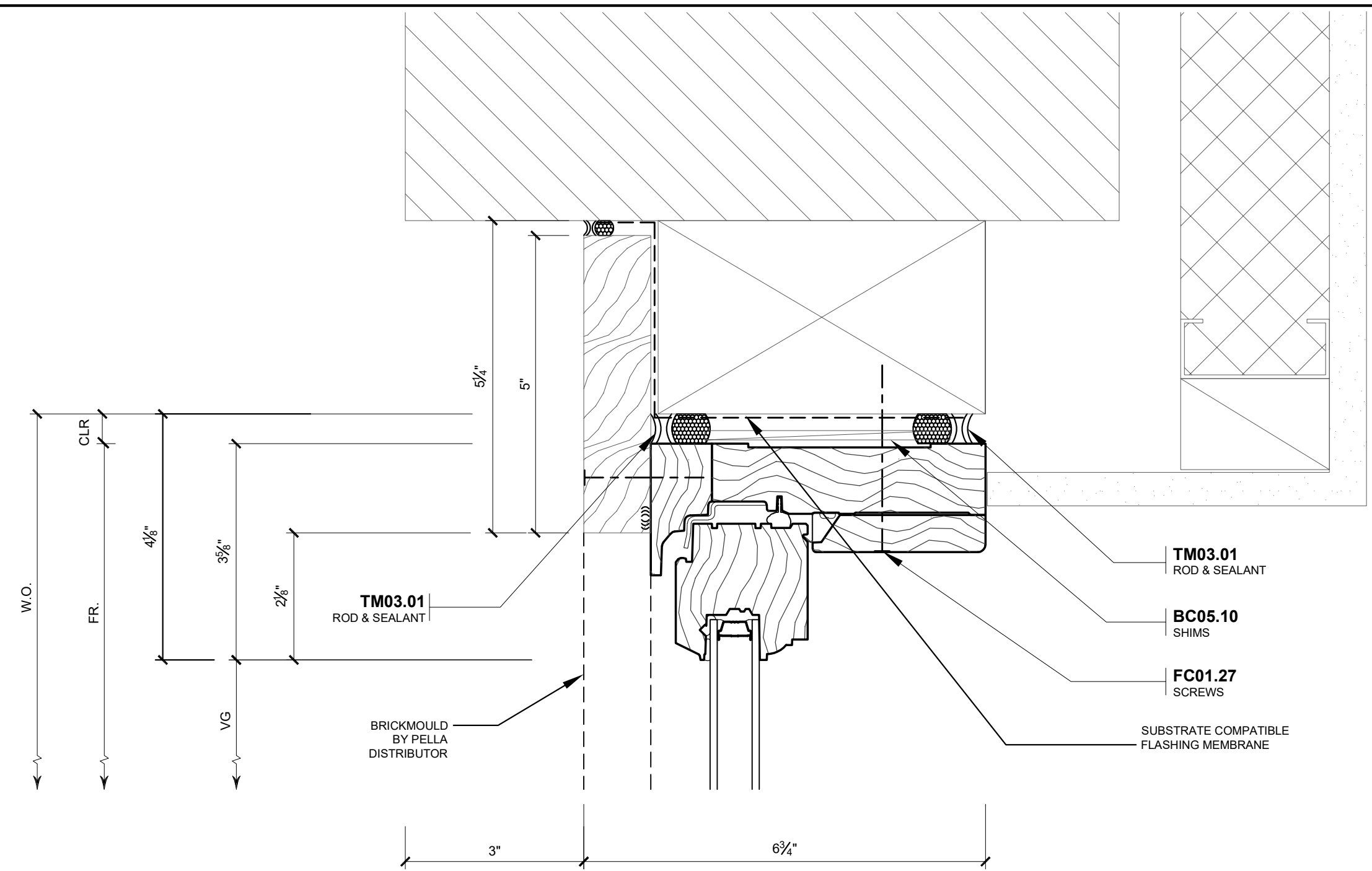
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DRAWN BY: ZG

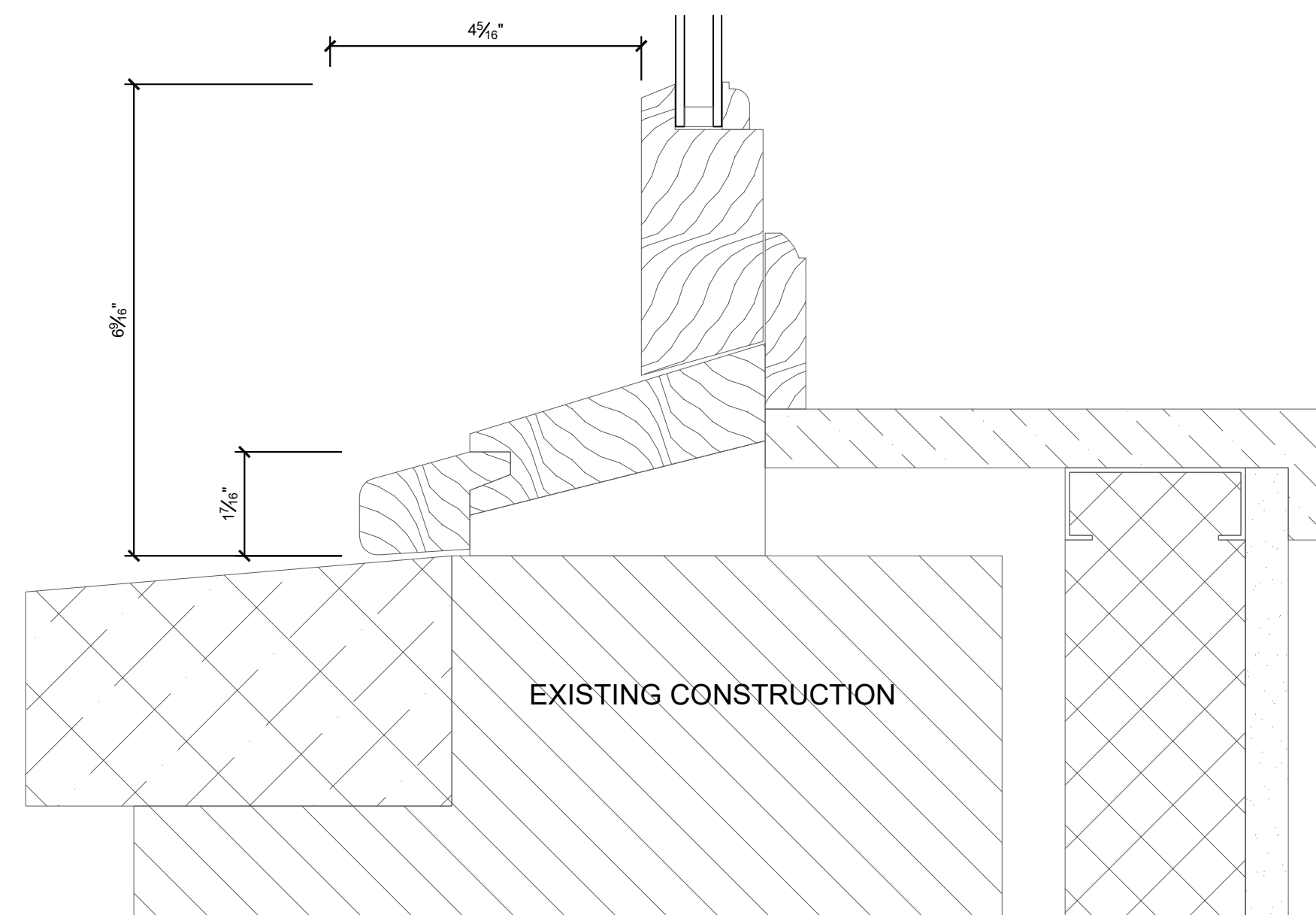
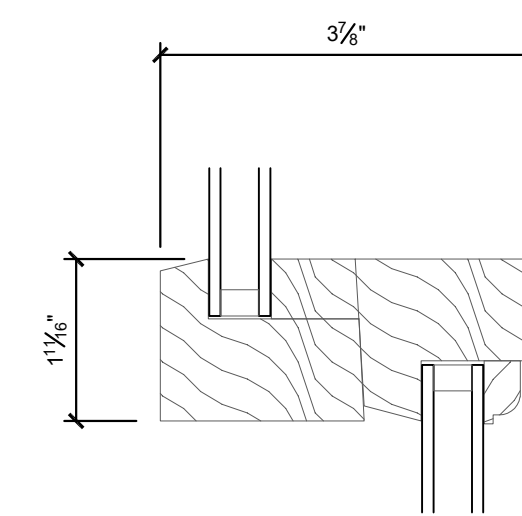
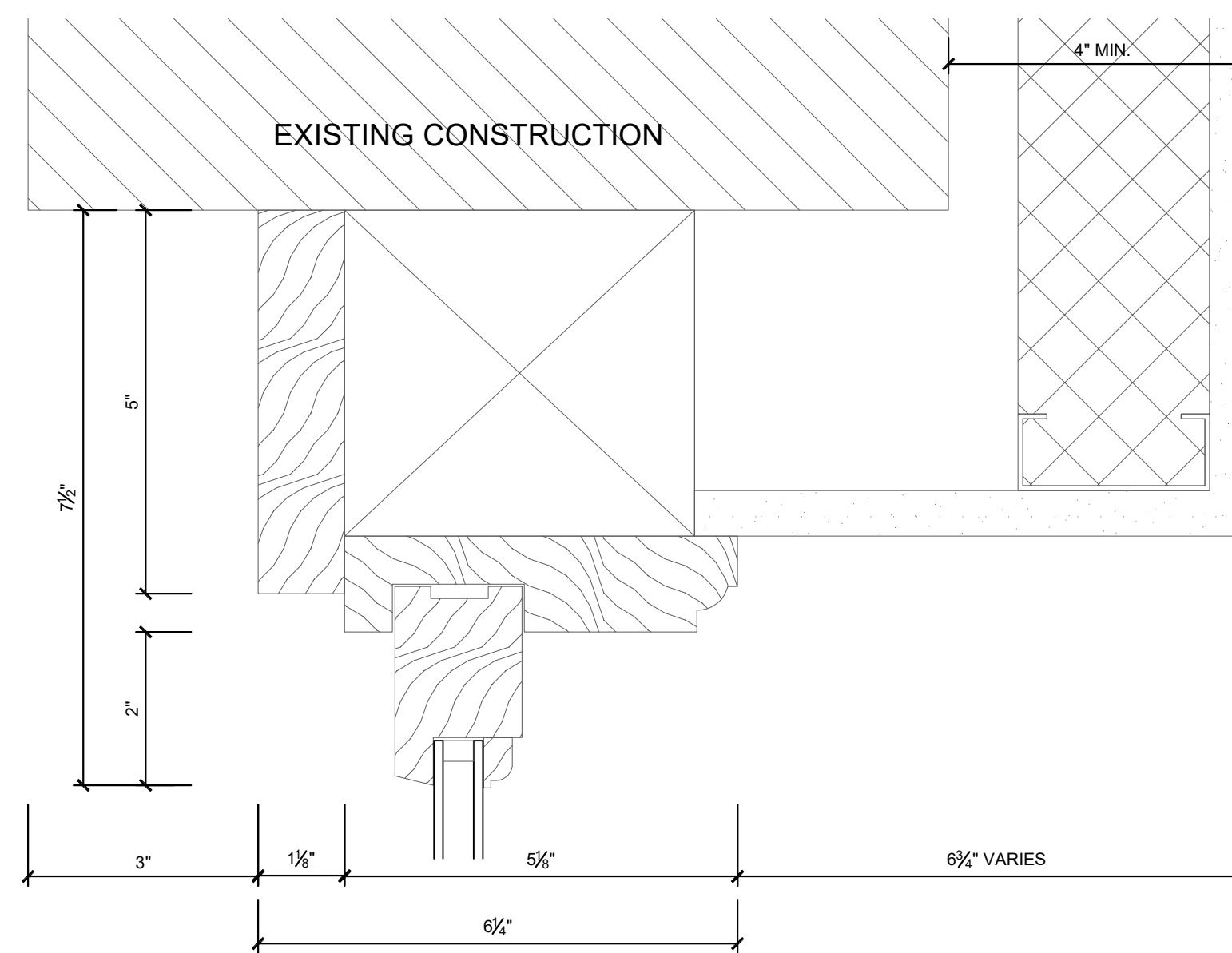
CHECKED BY: GG

Project No.:  
**216963.13**

SHEET:  
**06 OF 11**



3 HEAD/CHECKRAIL/SILL 13  
REF. ARCH. DWG.: 3/A5.1



3 HEAD/CHECKRAIL/SILL (EXISTING)  
REF. ARCH. DWG.: 3/A5.1

**DETAIL KEYNOTES**

**BC : BUILDING COMPONENTS (BY OTHERS)**

BC05.02 LEVEL OPENING SILL PRIOR TO UNIT INSTALLATION. PROVIDE IMPERVIOUS SHIMS 1/2" FROM EACH OPENING JAMB AND AT WINDOW MULLION AS REQUIRED. FOR VINYL WINDOWS, ADD SHIMS SO MAXIMUM SPACING IS 18"

BC05.10 SHIM AS REQUIRED AT ANCHORAGE LOCATIONS. (DO NOT OVER SHIM)

**FC : FASTENING COMPONENTS**

FC01.27 PRE-DRILL PILOT HOLES AND ANCHOR UNIT TO OPENING WITH #8 x 3 1/8" FINISH HEAD WOOD SCREWS SPACED WITHIN 6" OF OUTSIDE EDGE AND 16" ON CENTER MAXIMUM. CAUTION: SHIM AT ANCHORAGE LOCATIONS. DO NOT BOW WINDOW FRAME.

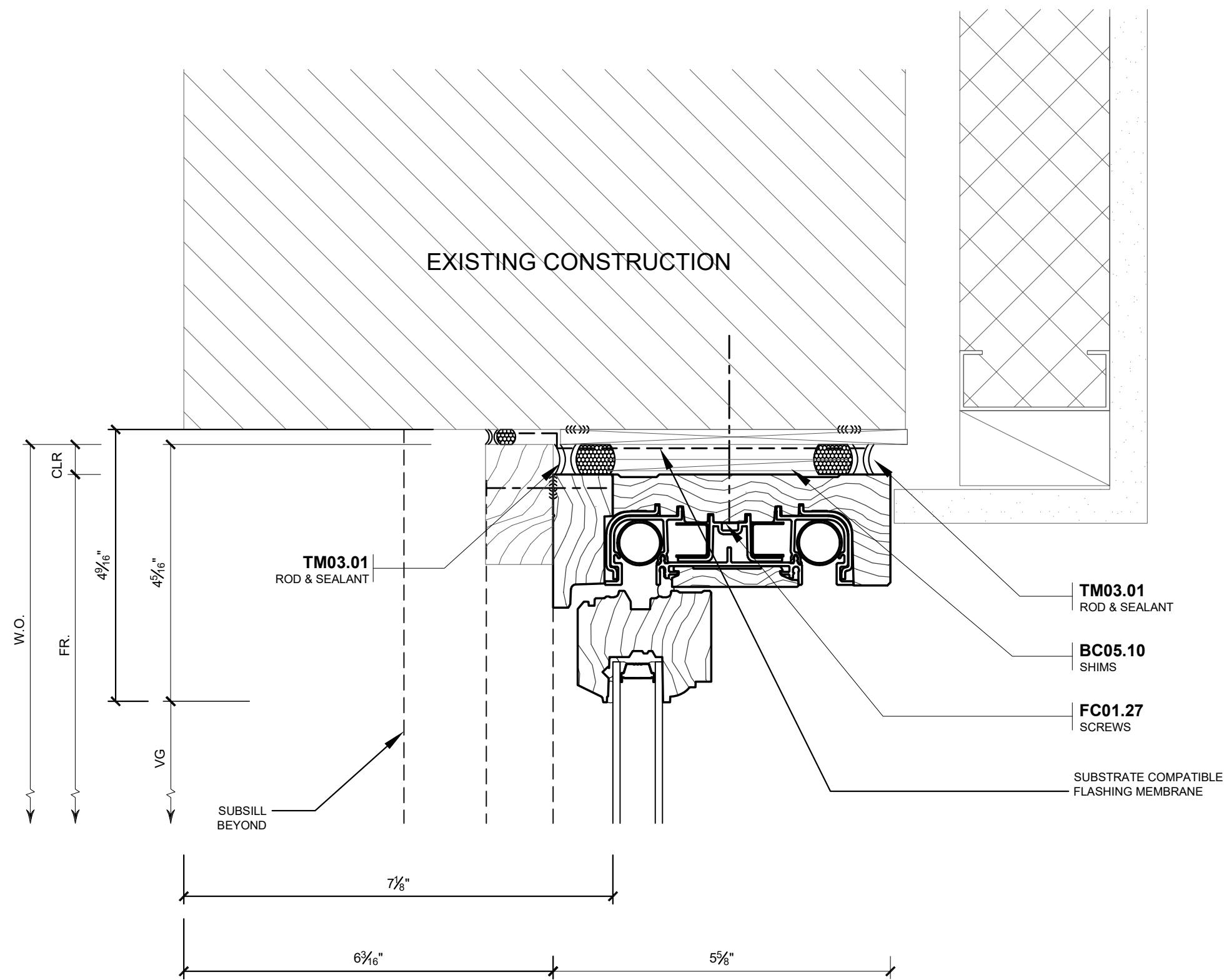
**TM : THERMAL AND MOISTURE PROTECTION**

TM03.01 WATER RESISTANT BACKER ROD AND SEALANT.

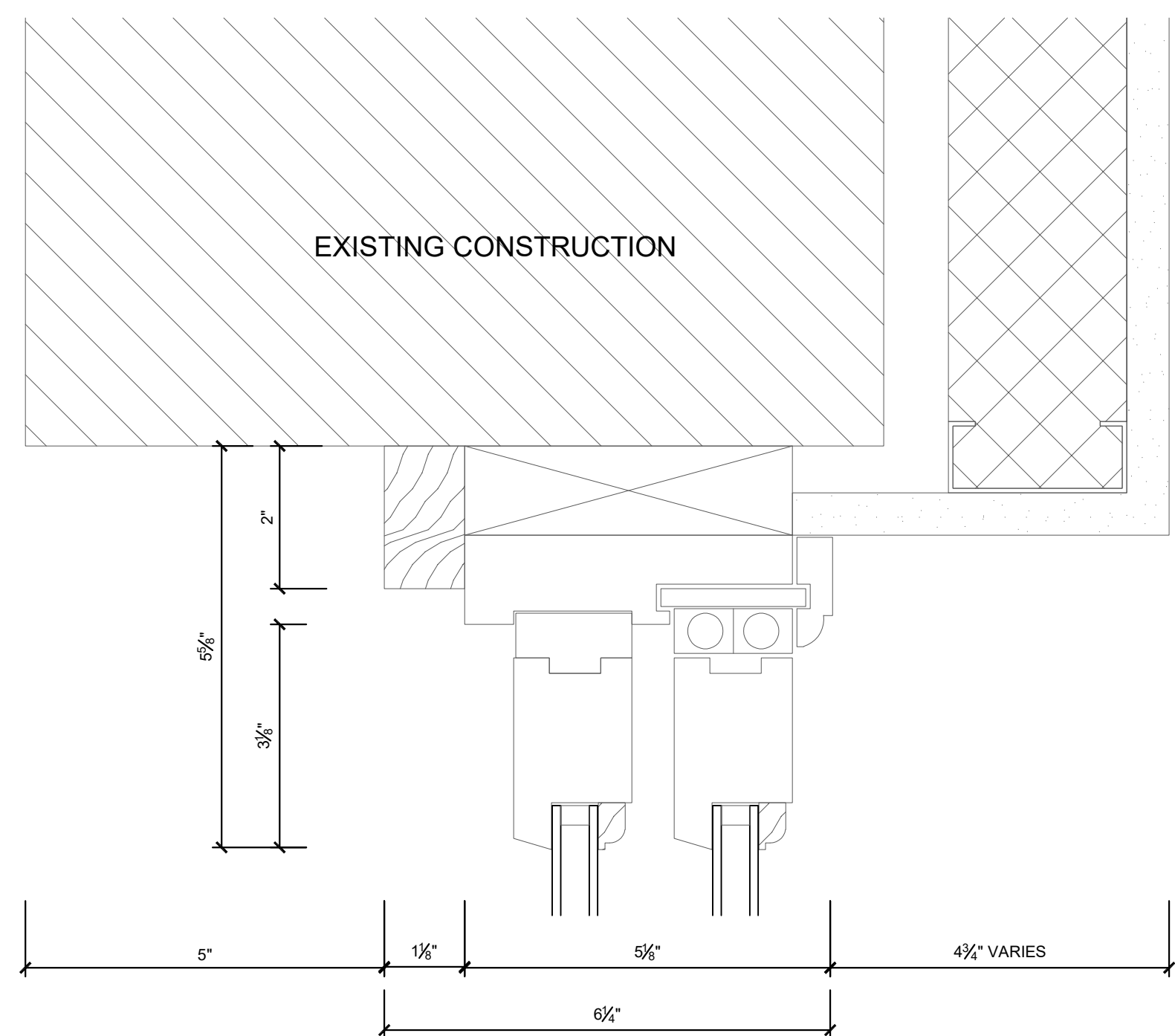
**APPROVED**

By Tim Askin - Milwaukee HPC at 1:22 pm, Jun 23, 2021

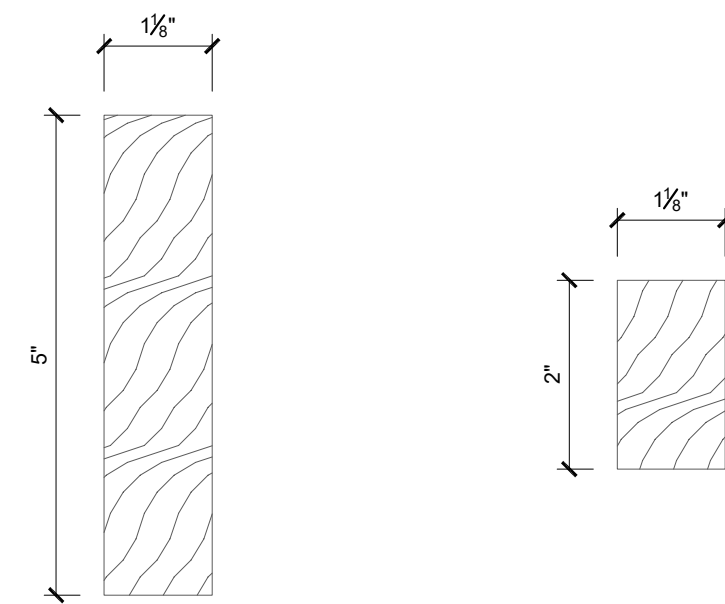
REV.	DATE	REV.	DATE
1	5-19-21		



4 JAMB  
REF. ARCH. DWG. 4/A5.1

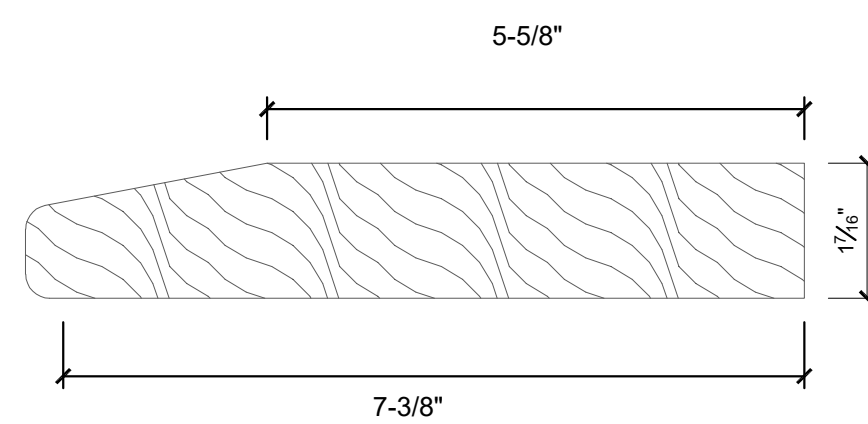


4 JAMB (EXISTING)  
REF. ARCH. DWG. 4/A5.1



NOTE: CONFIRM PROFILE OF WOOD BRICKMOULD AND SUBSILL BY PELLA DISTRIBUTOR.

BRICKMOULD PROFILE



NOTE: CONFIRM PROFILE OF WOOD BRICKMOULD AND SUBSILL BY PELLA DISTRIBUTOR.

SUBSILL PROFILE

DETAIL KEYNOTES

BC : BUILDING COMPONENTS (BY OTHERS)

BC05.10 SHIM AS REQUIRED AT ANCHORAGE LOCATIONS. (DO NOT OVER SHIM)

FC : FASTENING COMPONENTS

FC01.27 PRE-DRILL PILOT HOLES AND ANCHOR UNIT TO OPENING WITH #8 x 3 1/8" FINISH HEAD WOOD SCREWS SPACED WITHIN 4" OF OUTSIDE EDGE AND 16" ON CENTER MAXIMUM. CAUTION: SHIM AT ANCHORAGE LOCATIONS. DO NOT BOW WINDOW FRAME.

TM : THERMAL AND MOISTURE PROTECTION

TM03.01 WATER RESISTANT BACKER ROD AND SEALANT.

APPROVED

By Tim Askin - Milwaukee HPC at 1:22 pm, Jun 23, 2021

REV.	DATE	REV.	DATE
1	5-19-21		

ORIGINAL: 2/16/21

DRAWN BY: ZG

CHECKED BY: GG

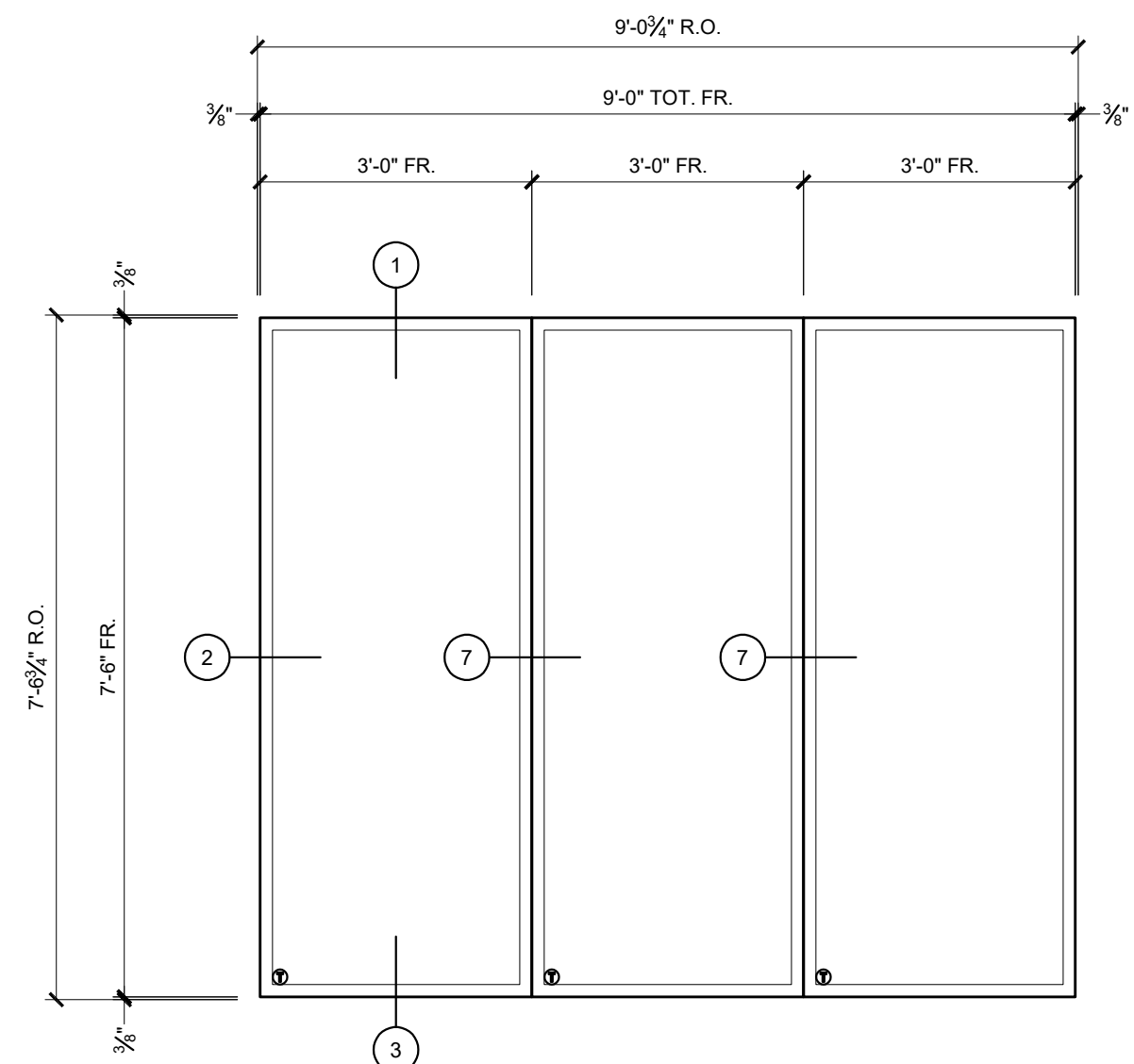
Project No.:

216963.13

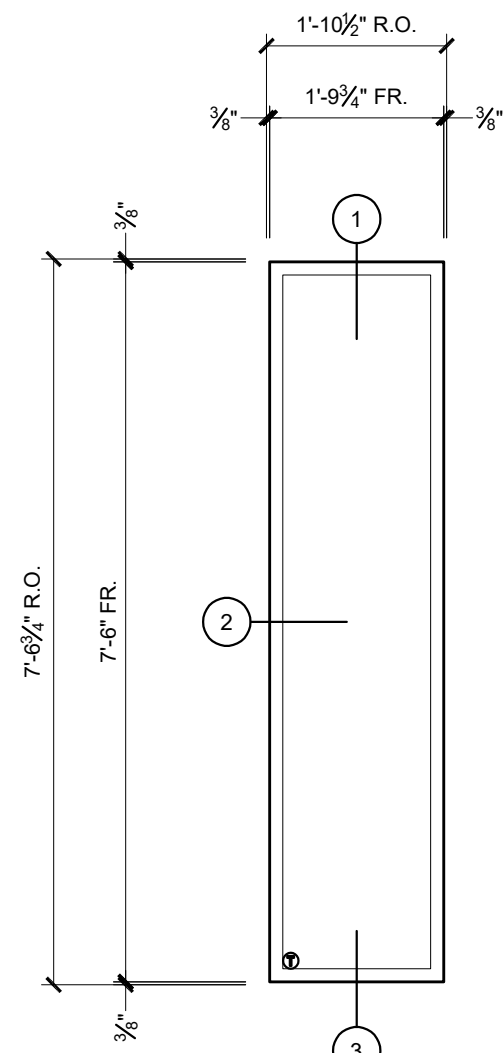
SHEET:

08 OF 11

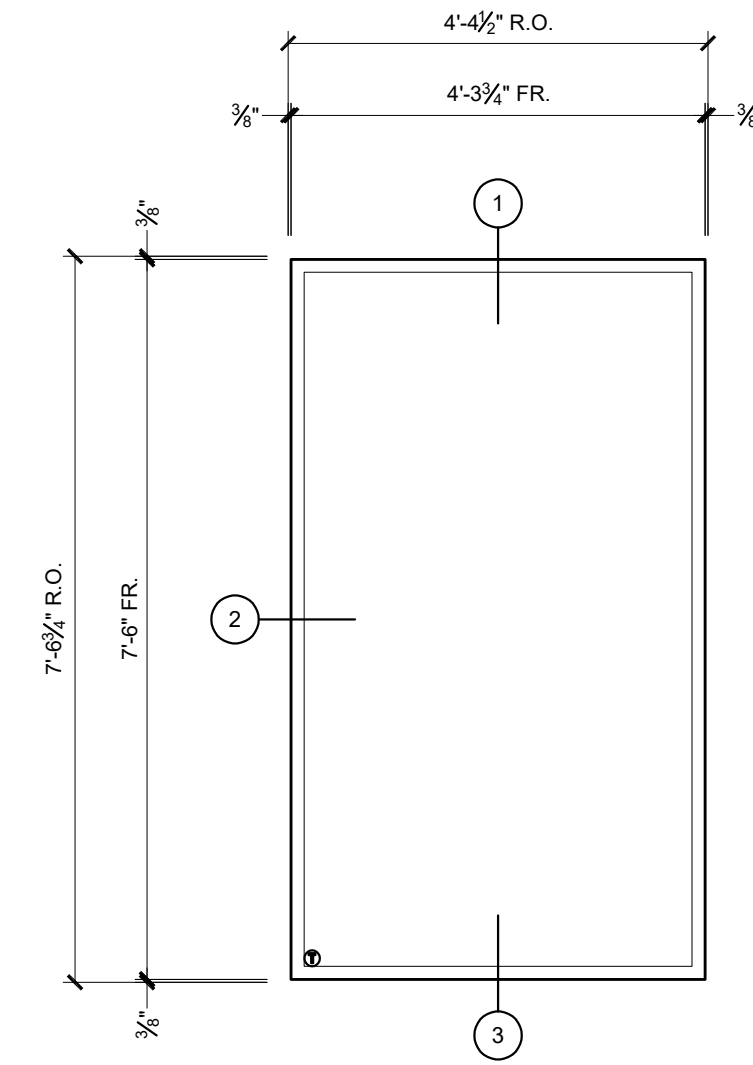




**J**  
LINE # 10      2  
QTY

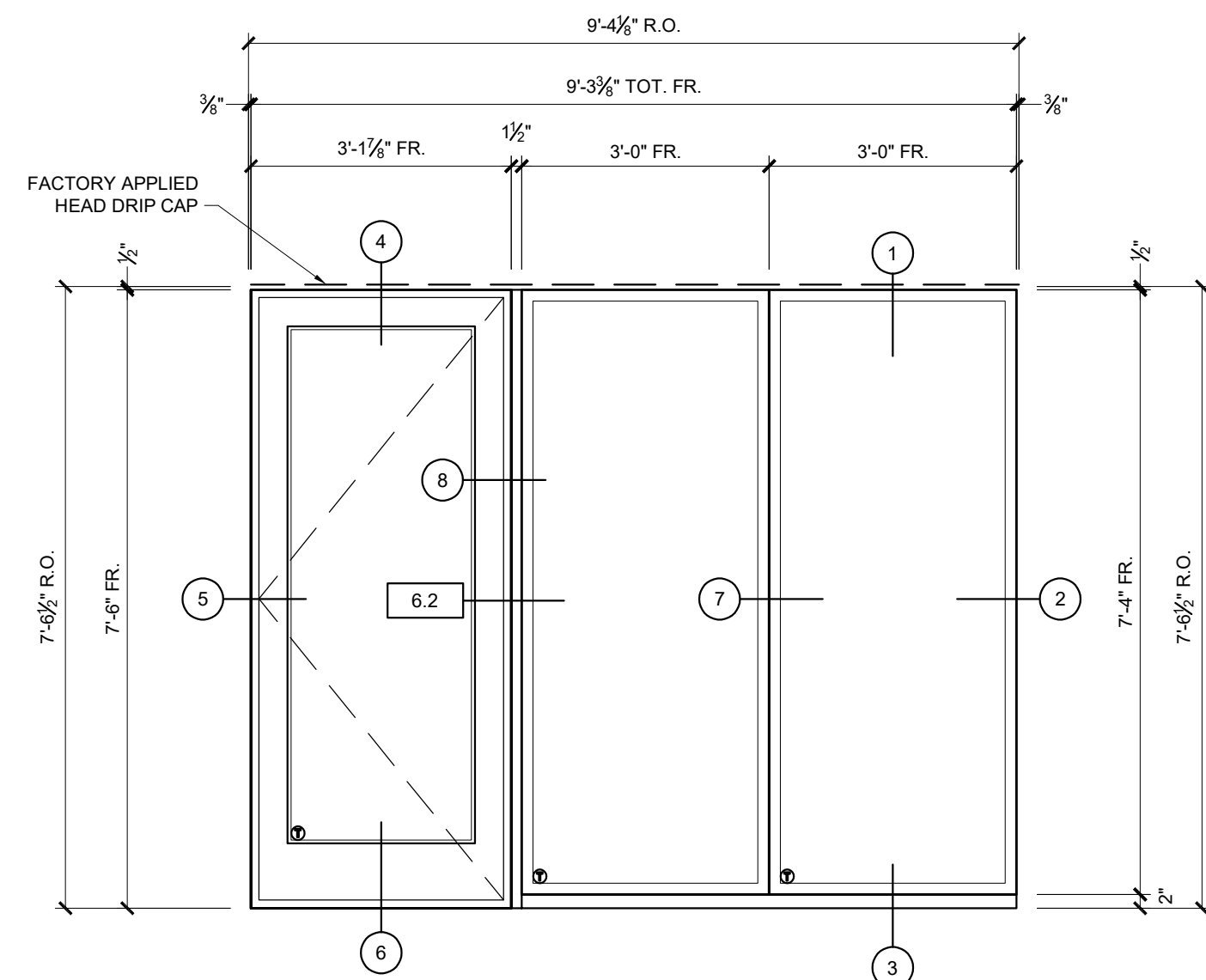


**L**  
LINE # 20      3  
QTY

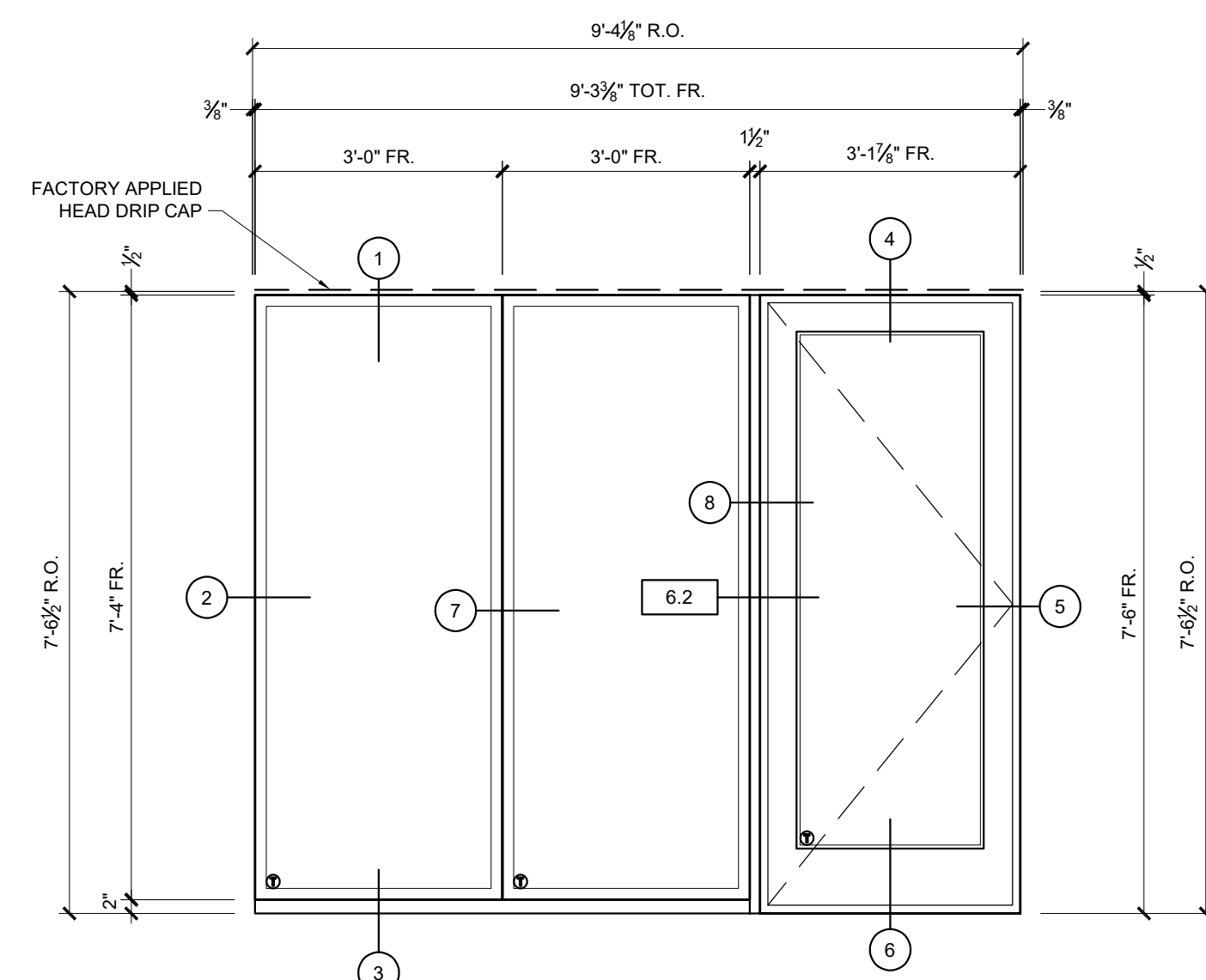


**M**  
LINE # 25      1  
QTY

**APPROVED**  
By Tim Askin - Milwaukee HPC at 1:22 pm, Jun 23, 2021



**K / 500E**  
LINE # 15      1  
QTY



**K / 500C**  
LINE # 35      1  
QTY

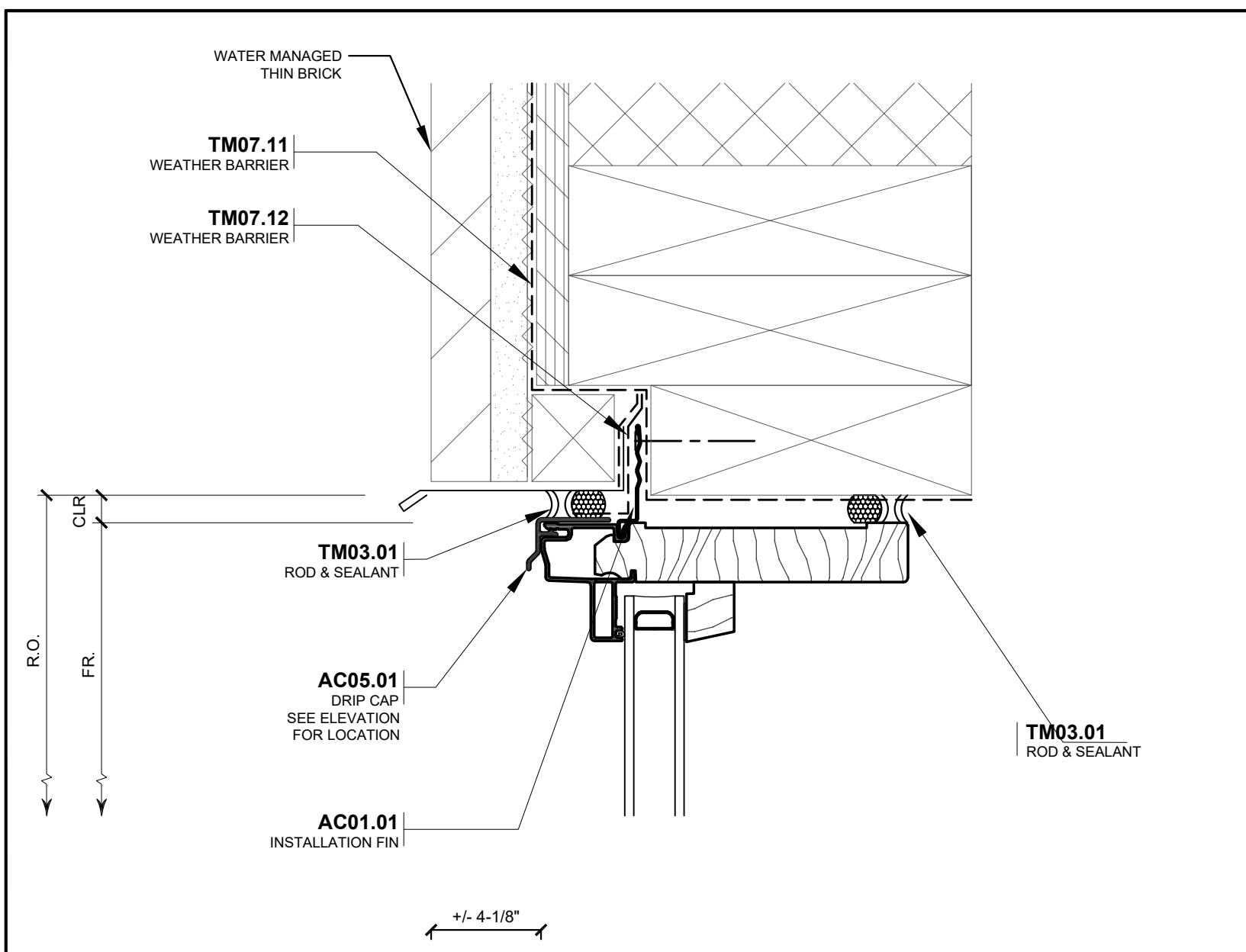
**SPECIFICATIONS**

NOTE: CUSTOM ATTRIBUTES (IF ANY) WILL BE NOTED UNDER THE ELEVATION LABEL

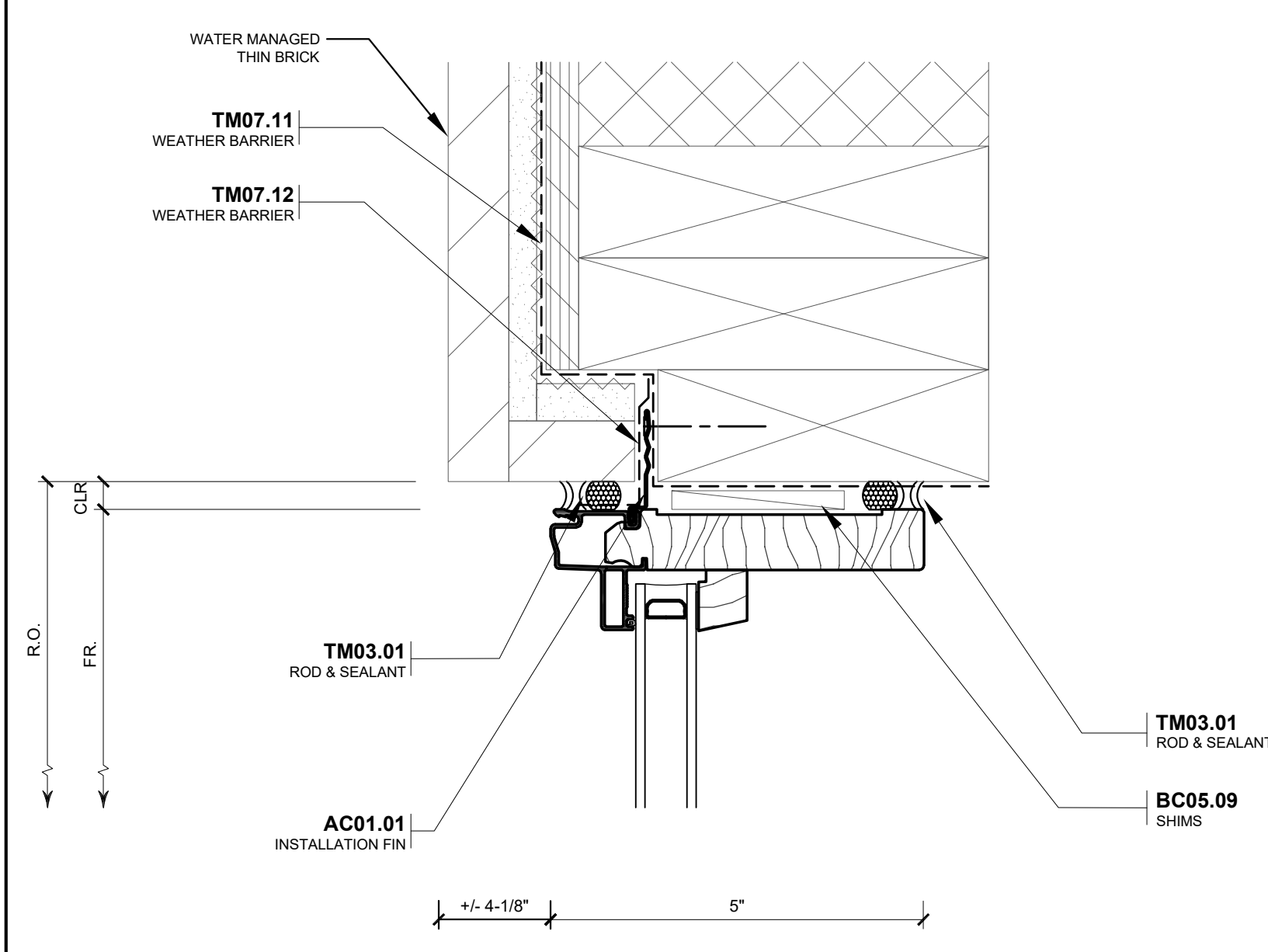
Line #	Quote No.	Room Location	Windowset Name	Operation / Venting	Exterior Material Type	Exterior Color	Branch Painted Interior Color	Glazing Type	Glass Strength	Low-E Glass Style	Gas Filled	U-Factor	SHGC	VLT	Center Of Glass U-factor	Center Of Glass SHGC	Center Of Glass VLT	Performance Class	PG	Sill	Sill Finish	Hardware Finish
10	12283971	J	Support Products Traditional Rectangle	Fixed Frame	Clad	Black	Sherwin Williams 6991 Black Magic	Insulated	Tempered	Advanced Low-E Insulating Glass	Argon	0.27	0.32	0.61	0.24	0.27	0.65	CW	60			
10	12283971	J	Support Products Traditional Rectangle	Fixed Frame	Clad	Black	Sherwin Williams 6991 Black Magic	Insulated	Tempered	Advanced Low-E Insulating Glass	Argon	0.27	0.32	0.61	0.24	0.27	0.65	CW	60			
10	12283971	J	Support Products Traditional Rectangle	Fixed Frame	Clad	Black	Sherwin Williams 6991 Black Magic	Insulated	Tempered	Advanced Low-E Insulating Glass	Argon	0.27	0.32	0.61	0.24	0.27	0.65	CW	60			
15	12283971	K / 500E	Pella(R) Reserve Traditional Inswing Hinged Patio Door 1 Panel	Left	Clad	Black	Sherwin Williams 6991 Black Magic	Insulated	Tempered	Advanced Low-E Insulating Glass	Argon	0.28	0.22	0.39	0.24	0.27	0.65	*	*	Low Profile	Bronze Finish Sill	Matte Black
15	12283971	K / 500E	Support Products Traditional Rectangle	Fixed Frame	Clad	Black	Sherwin Williams 6991 Black Magic	Insulated	Tempered	Advanced Low-E Insulating Glass	Argon	0.27	0.32	0.61	0.24	0.27	0.65	CW	60			
15	12283971	K / 500E	Support Products Traditional Rectangle	Fixed Frame	Clad	Black	Sherwin Williams 6991 Black Magic	Insulated	Tempered	Advanced Low-E Insulating Glass	Argon	0.27	0.32	0.61	0.24	0.27	0.65	CW	60			
20	12283971	L	Support Products Traditional Rectangle	Fixed Frame	Clad	Black	Sherwin Williams 6991 Black Magic	Insulated	Tempered	Advanced Low-E Insulating Glass	Argon	0.27	0.32	0.61	0.24	0.27	0.65	CW	60			
25	12283971	M	Support Products Traditional Rectangle	Fixed Frame	Clad	Black	Sherwin Williams 6991 Black Magic	Insulated	Tempered	Advanced Low-E Insulating Glass	Argon	0.28	0.32	0.60	0.24	0.27	0.65	CW	60			
35	12283971	K / 500C	Pella(R) Reserve Traditional Inswing Hinged Patio Door 1 Panel	Right	Clad	Black	Sherwin Williams 6991 Black Magic	Insulated	Tempered	Advanced Low-E Insulating Glass	Argon	0.28	0.22	0.39	0.240000	0.270000	0.650000	*	*	Low Profile	Bronze Finish Sill	Matte Black
35	12283971	K / 500C	Support Products Traditional Rectangle	Fixed Frame	Clad	Black	Sherwin Williams 6991 Black Magic	Insulated	Tempered	Advanced Low-E Insulating Glass	Argon	0.27	0.32	0.61	0.240000	0.270000	0.650000	CW	60			
35	12283971	K / 500C	Support Products Traditional Rectangle	Fixed Frame	Clad	Black	Sherwin Williams 6991 Black Magic	Insulated	Tempered	Advanced Low-E Insulating Glass	Argon	0.27	0.32	0.61	0.240000	0.270000	0.650000	CW	60			

\*PRODUCT IS NOT CERTIFIED FOR PERFORMANCE

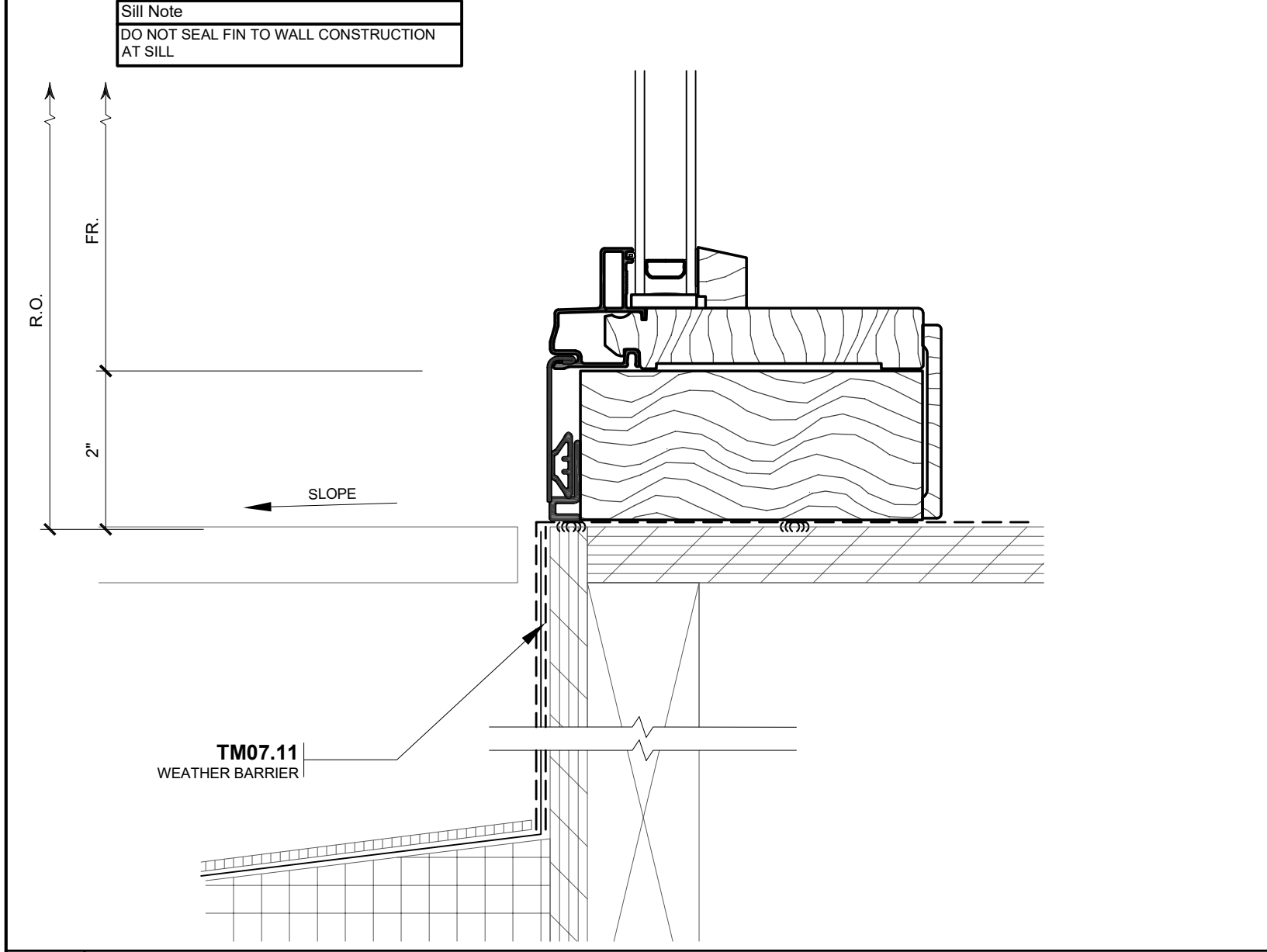
REV.	DATE	REV.	DATE
1	5-19-21		



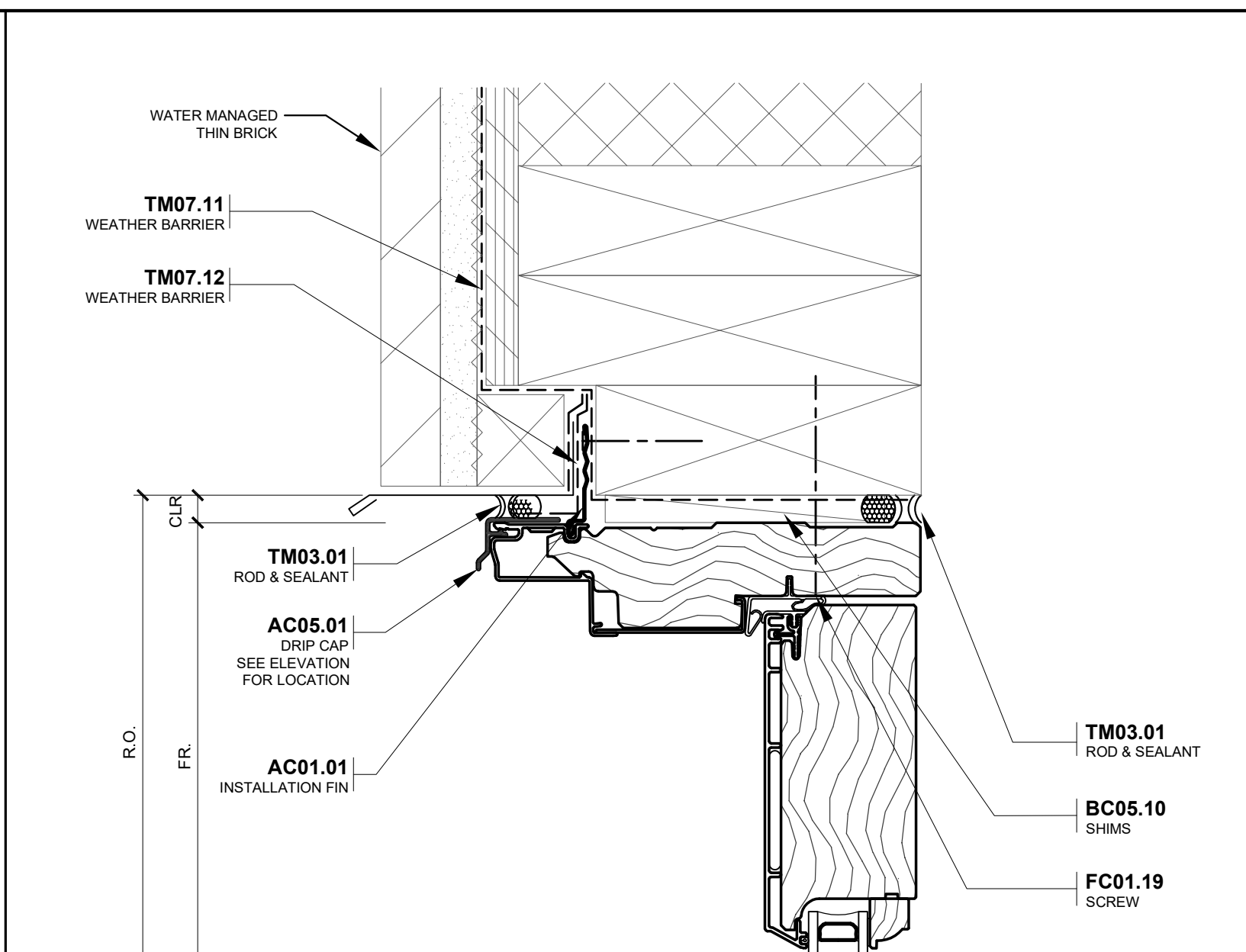
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REF. ARCH. DWG. - W6/A0.3, 2/A4.0



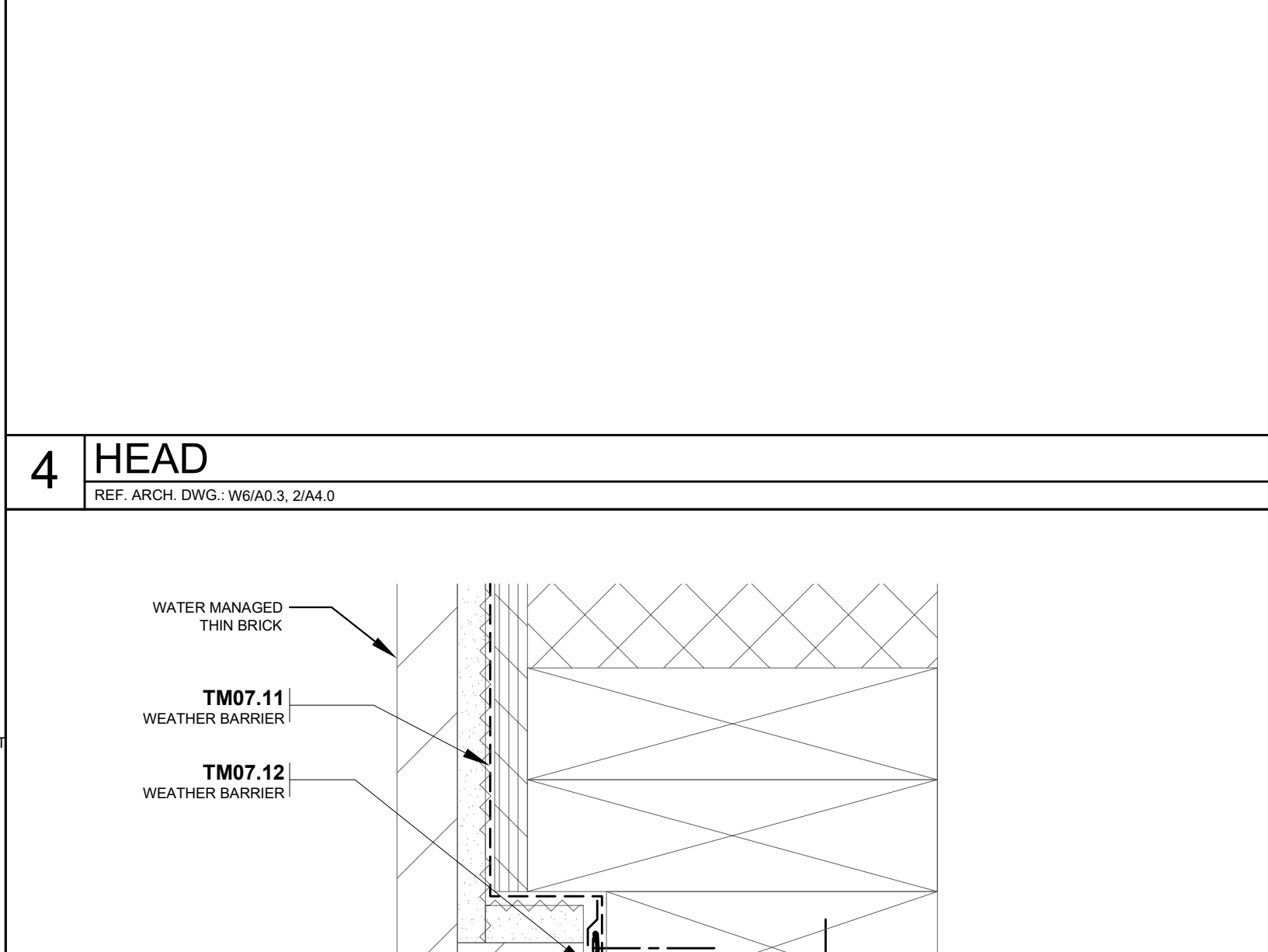
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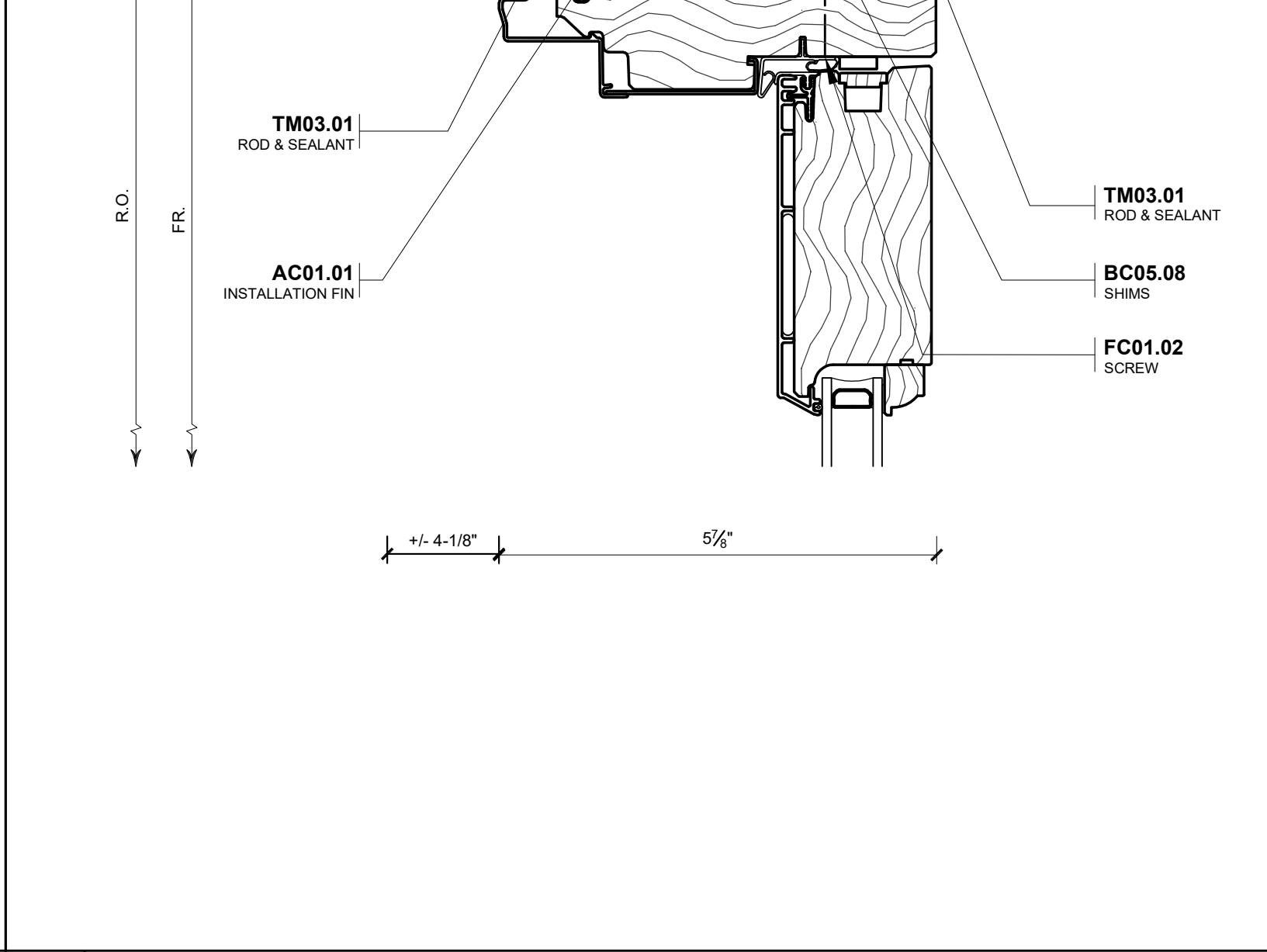
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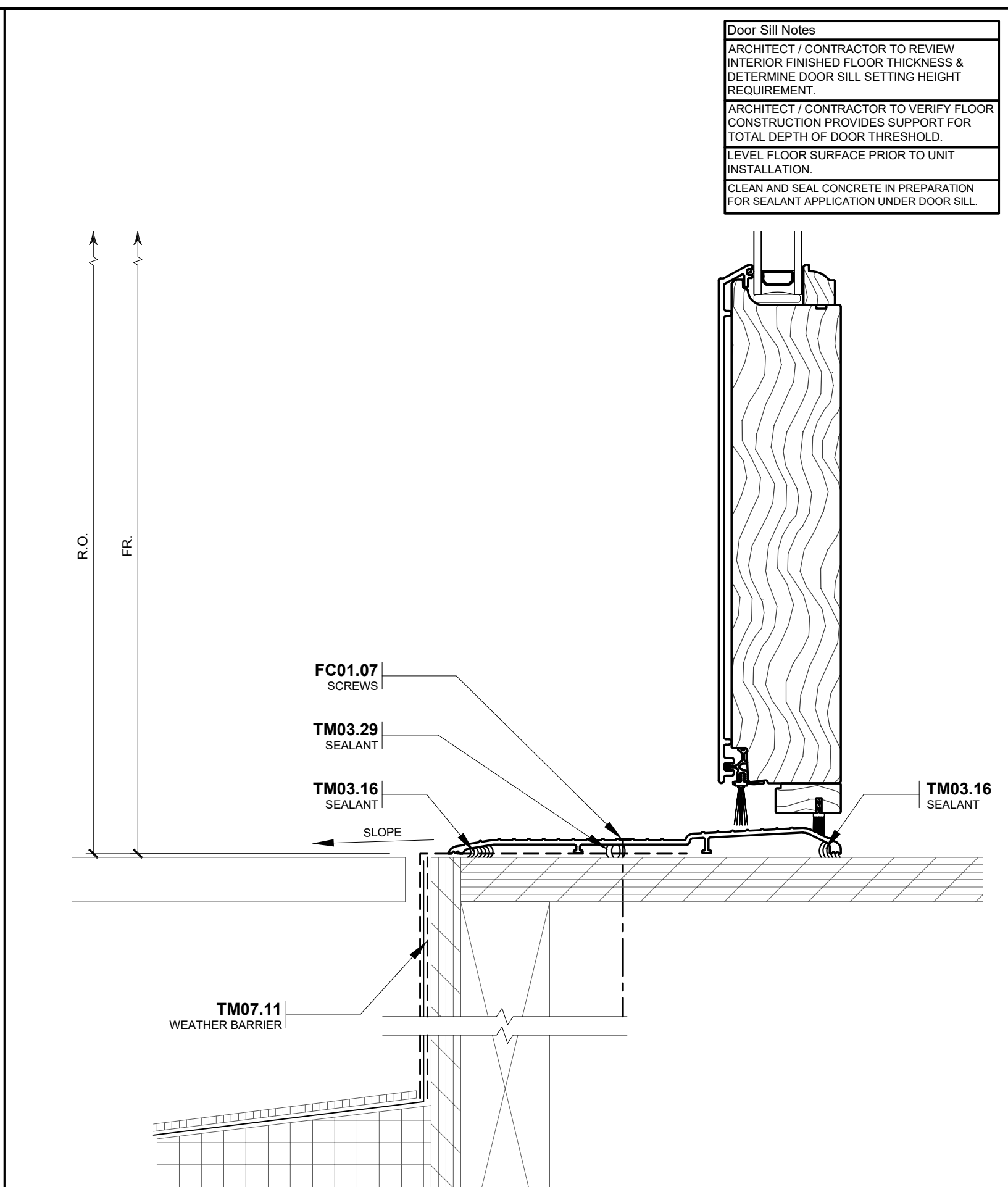
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REF. ARCH. DWG. - W6/A0.3, 2/A4.0



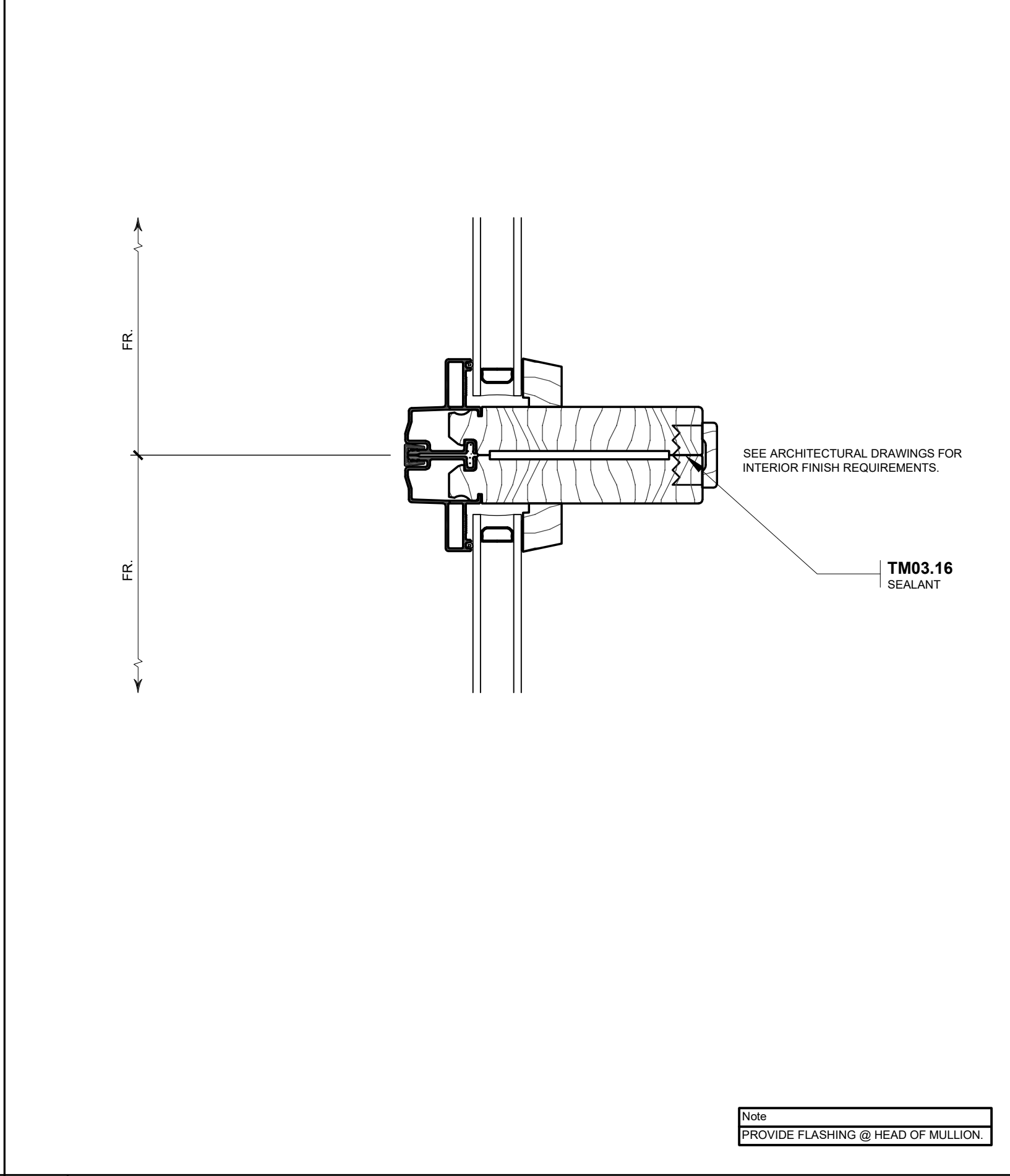
**5 JAMB**  
REF. ARCH. DWG. - W6/A0.3, 2/A4.0 (SIM)



**5 JAMB**  
REF. ARCH. DWG. - W6/A0.3, 2/A4.0 (SIM)



**6 SILL**  
REF. ARCH. DWG. - F5/A0.3, 2/A4.0



**7 FACTORY JOINING MULLION**  
REF. ARCH. DWG. -

**Door Sill Notes**  
ARCHITECT / CONTRACTOR TO REVIEW INTERIOR FINISHED FLOOR THICKNESS & DETERMINE DOOR SILL SETTING HEIGHT REQUIREMENT  
ARCHITECT / CONTRACTOR TO VERIFY FLOOR CONSTRUCTION PROVIDES SUPPORT FOR TOTAL DEPTH OF DOOR THRESHOLD.  
LEVEL FLOOR SURFACE PRIOR TO UNIT INSTALLATION.  
CLEAN AND SEAL CONCRETE IN PREPARATION FOR SEALANT APPLICATION UNDER DOOR SILL.

**DETAIL KEYNOTES**

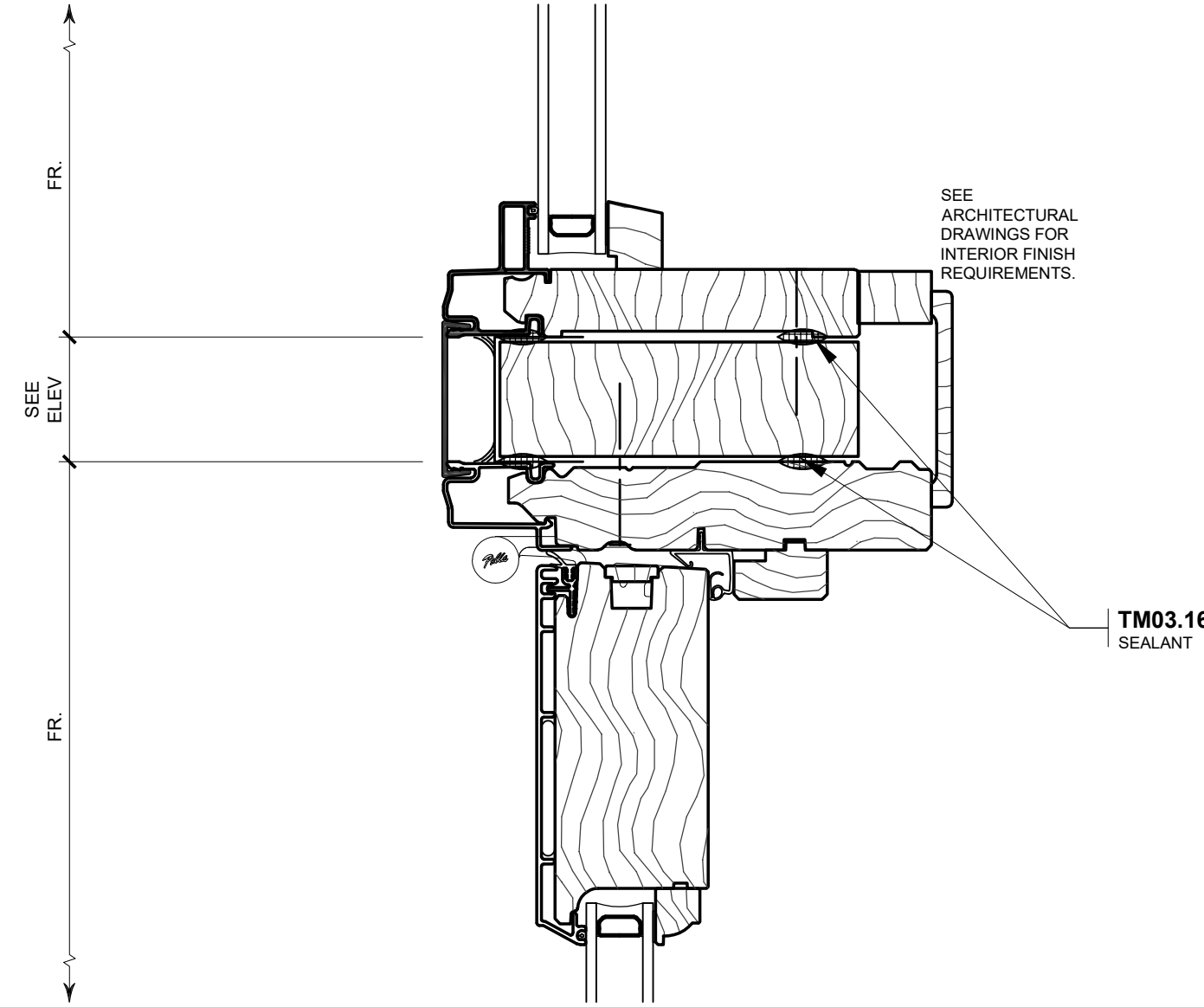
- AC : ATTACHMENT COMPONENTS**
- AC01.01 INSTALLATION FIN, ANCHOR THROUGH EACH PRE-PUNCHED HOLE AS FOLLOWS (BASED ON SUBSTRATE):  
WOOD: 2" GALVANIZED ROOFING NAILS OR #8 x 1 7/8" ZINC K-LATH SHEET METAL SCREW.  
TREATED WOOD: #8 x 1 5/8" STAINLESS STEEL K-LATH SHEET METAL SCREW.  
STEEL: #8 x 1 1/4" ZINC SELF-DRILLING K-LATH MODIFIED TRUSS SCREW.  
STEEL, #10 x 2" SELF-DRILLING SCREWS.  
VERIFY FASTENER MATERIAL IS COMPATIBLE WITH ALUMINUM FIN AND ADJACENT STRUCTURE.
  - AC05.01 DRIP CAP AND FLASHING TAPE OVER LENGTH OF FRAME HEAD EXTRUSION, COVERING MULLION TOP AND EXTENDING ONTO INSTALLATION FIN.
- BC : BUILDING COMPONENTS (BY OTHERS)**
- BC05.08 SHIM AND PLUMB UNITS AT HINGE LOCATIONS AND AS REQUIRED TO KEEP JAMBS STRAIGHT. (DO NOT OVER SHIM)
  - BC05.09 SHIM AND PLUMB UNITS AS PER INSTALLATION INSTRUCTIONS. (DO NOT OVER SHIM)
  - BC05.10 SHIM AS REQUIRED AT ANCHORAGE LOCATIONS. (DO NOT OVER SHIM)
- FC : FASTENING COMPONENTS**
- FC01.02 PRE-DRILL AND ANCHOR DOOR TO WALL CONSTRUCTION WITH ONE SCREW PER HINGE LEAF.
  - FC01.07 ANCHOR UNIT TO OPENING AT PRE-DRILLED HOLES WITH SCREWS PROVIDED. APPLY SEALANT IN HOLES PRIOR TO INSERTING SCREWS. FOR CONCRETE FLOORS USE 3/16" x 1 3/4" CORROSION RESISTANT FLAT HEAD MASONRY SCREWS (BY OTHERS) PILOT DRILL PER SCREW MANUFACTURER'S RECOMMENDATIONS.
  - FC01.19 REMOVE THE HEAD STRIKE SCREWS AND REPLACE WITH #8 x 3" FLAT HEAD CORROSION RESISTANT SCREWS. CAUTION: SHIM AT ANCHORAGE LOCATIONS. DO NOT BOW WINDOW FRAME.
- TM : THERMAL AND MOISTURE PROTECTION**
- TM03.01 WATER RESISTANT BACKER ROD AND SEALANT.
  - TM03.16 CONTINUOUS SEALANT. TIE IN WITH PERIMETER SEALANT.
  - TM03.29 APPLY BEAD OF SEALANT AT SILL. ALLOW 2" SPACE IN SEALANT LINE AT CENTER OF OPENING.
  - TM07.11 FLUID APPLIED WEATHER RESISTANT BARRIER SYSTEM. APPLY TO ROUGH OPENING AND WALL SURFACE PER MANUFACTURER'S INSTRUCTIONS. NOTE: ALLOW ADEQUATE DRYING TIME PRIOR TO INSTALLING UNITS.
  - TM07.12 INTEGRATE THE WINDOW/DOOR WITH THE WEATHER RESISTANT BARRIER SYSTEM. APPLY FLASHING AND/OR FLUID APPLIED WEATHER RESISTANT BARRIER OVER HEAD AND JAMB FINES AND 1/2" ONTO THE UNIT FRAME. FLASHING MUST COMPLY WITH THE SPECIFIED FLUID APPLIED WEATHER RESISTANT BARRIER SYSTEM.

REV.	DATE	BY	CHKD.
1	5-19-21		
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**APPROVED**  
By Tim Askin - Milwaukee HPC at 1:22 pm, Jun 23, 2021

REV.	DATE	BY	CHKD.
1	5-19-21		
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Note  
PROVIDE FLASHING @ HEAD OF MULLION.

**8** FACTORY MULLION  
REF. ARCH. DWG.:-

**DETAIL KEYNOTES**

TM : THERMAL AND MOISTURE PROTECTION

TM03.16 CONTINUOUS SEALANT, TIE IN WITH PERIMETER SEALANT.

**APPROVED**  
By Tim Askin - Milwaukee HPC at 1:22 pm, Jun 23, 2021

REV.	DATE	REV.	DATE
1/A	5-19-21		

INSTALLATION SHOP DRAWING FOR  
**KINN MKE GUESTHOUSE**  
LOCATION: MILWAUKEE, WISCONSIN  
ARCHITECT: VETTER

ORIGINAL: 2/16/21  
DRAWN BY: ZG  
CHECKED BY: GG  
Project No.:  
**216963.13**  
SHEET:  
**11** OF **11**

**Window Hardware**

**Classic Collection**

T

Get a timeless look with authentic styles in classic finishes.

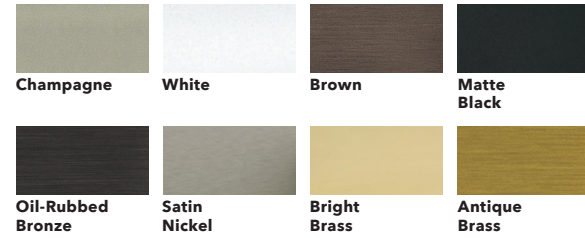


**Fold-Away Crank**  
Antiek



**Spoon-Style Lock**

Finishes:



**Rustic Collection**

T

Create a distinct and charming look with distressed finishes.



**Fold-Away Crank**  
Antiek



**Spoon-Style Lock**

Finishes:



**Essential Collection**

T

Select from popular designs and finishes to suit every style.

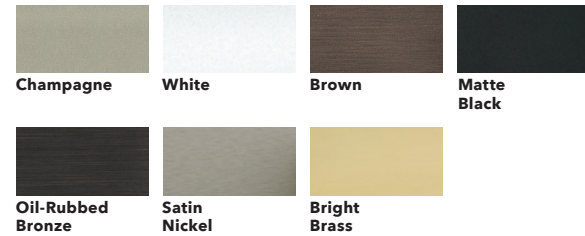


**Fold-Away Crank**



**Cam-Action Lock**

Finishes:



**Modern Collection**

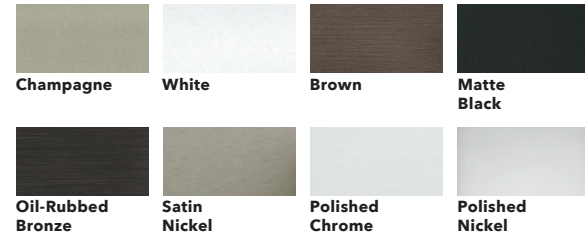
C

Achieve the ultimate contemporary look with exclusive hardware designed by Pella.



**Fold-Away Crank**  
Saldo

Finishes:



C Pella® Reserve™ - Contemporary  
T Pella Reserve - Traditional

**Patio Door Hardware**

**Classic Collection**

C T

**BALDWIN**

Choose timeless pieces for a look that will never go out of style.



**Hinged & Bifold Patio Door Handles**  
Locus | Virago



**Sliding & Multi-Slide Patio Door Handle**  
Ambrose



**Multi-Slide Patio Door Handle<sup>1,2</sup>**

Finishes:



**Modern Collection**

C T

**BALDWIN**

Achieve the ultimate contemporary look with sleek finishes.



**Hinged & Bifold Patio Door Handle**  
Spire



**Sliding & Multi-Slide Patio Door Handle**  
Plazo



**Multi-Slide Patio Door Handle<sup>1,2</sup>**

Finishes:



**Rustic Collection**

C T

**BALDWIN**

Stand out with bold looks and create an utterly unique aesthetic.



**Hinged & Bifold Patio Door Handles**  
Rustiek | Gusto



**Sliding & Multi-Slide Patio Door Handle**  
Notus

Finishes:



**Essential Collection**

C T

Elevate your style and transform a home with elegant selections.



**Hinged & Bifold Patio Door Handles**



**Sliding Patio Door Handle**



**Multi-Slide Patio Door Handle<sup>1,2</sup>**

Finishes:



<sup>1</sup> Flush multi-slide handle is a Pella exclusive design.

<sup>2</sup> Flush multi-slide handle is not available in Antique Brass, Champagne or Polished Nickel.