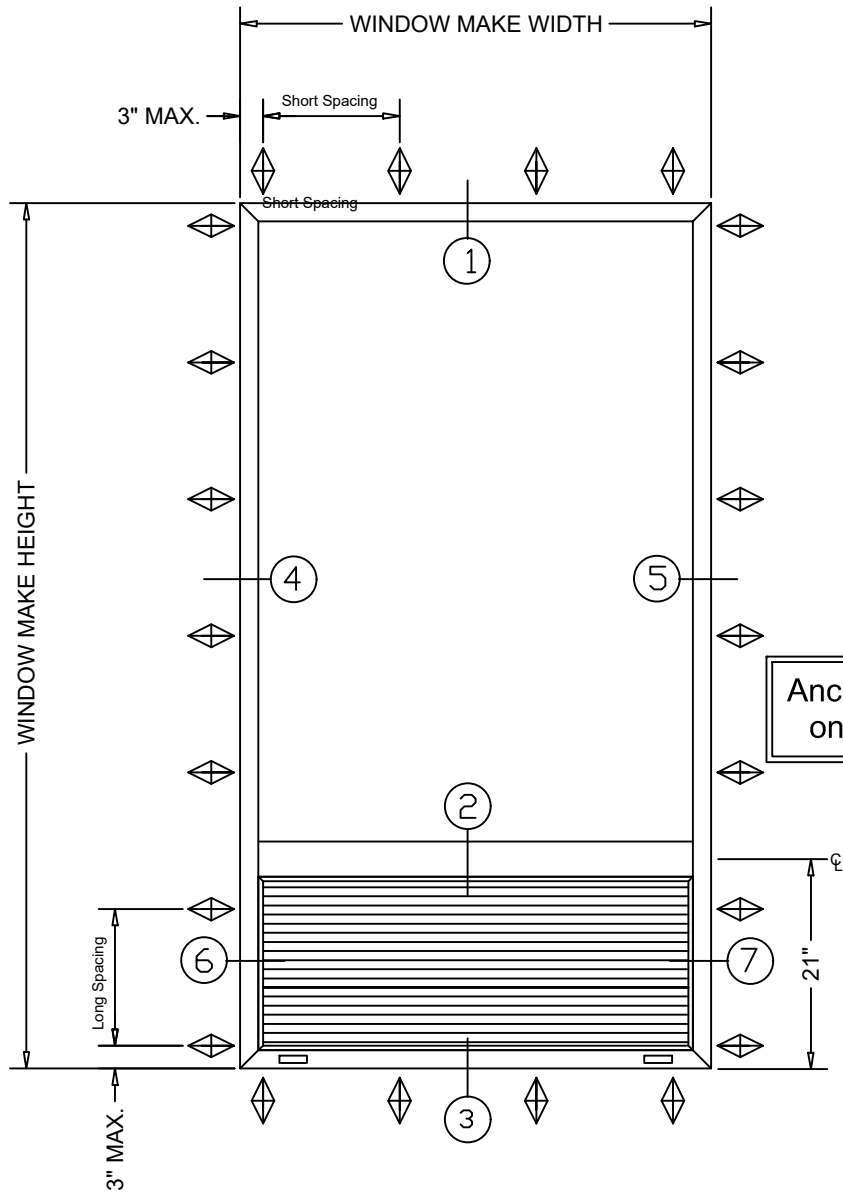


NOTE: TYPICAL M700 FIXED IMPACT WINDOWS - NAIL FIN INSTALLATION

Notes:

1. Installations depicted satisfy the requirements of the 8th Edition (2023) of the Florida Building Code for Wind Pressures and Overall Sizes shown.
2. As Tested Anchor spacings are shown on the Elevations.
3. Wood Framing are assumed to S-P-F (G=0.55) or denser.
4. Metal stud frames are assumed to be a minimum 16 gauge 33 KSI Steel.
5. Concrete masonry (CMU) shall conform to ASTM C90.
6. Concrete shall be minimum $f_c = 3,000$ psi.
7. Wood Screws shall meet requirements of ANSI/ASME B18.6.1.
8. TEKS screws shall be ASTM A510 Grade 1018 or equivalent. Hilti Kwik-Con + anchors as specified in NOA 21-0628.20
9. Maximum Frame Shim Space is $\frac{1}{4}$ " as shown. Shims shall be non-compressible load bearing type.
10. Exterior and Interior shall be sealed according to Shop Drawings.
11. Products shown are Impact Resistant. Wind Zone 4 Missile Level D
12. Not for use in High Velocity Hurricane Zone (HVHZ).
13. Sealing and Flashing strategies and overall water infiltration performance of the installed product are by others and not addressed by this document
14. Glazing Conforms to ASTM E1300-16 (See Engineering)
15. Design pressures indicated in the chart below is based on comparative analysis per FBC 1709.5.1, Exception 3.ii including glass limited by ASTM E1300.

Allowable Design Pressures (+ and -, psf)						
M700 Fixed/Vent		Unit Width				
Unit Height	78	65.0	65.0	65.0	53.0	38.0
	84	65.0	65.0	65.0	53.0	---
	90	65.0	65.0	65.0	---	---
	94	65.0	65.0	65.0	---	---
	96	65.0	65.0	---	---	---
	102	65.0	65.0	---	---	---
	108	65.0	---	---	---	---
	114	65.0	---	---	---	---
	117	65.0	---	---	---	---
Note: Bold cell indicates tested unit size and design pressure						

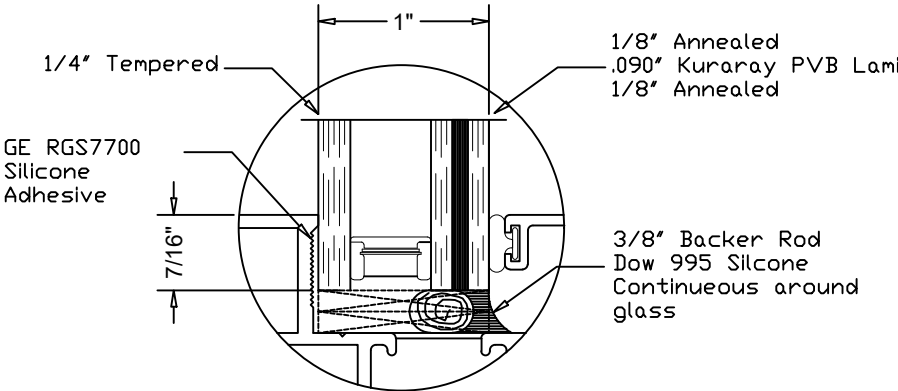


Anchor spacing is given on each detail sheet!

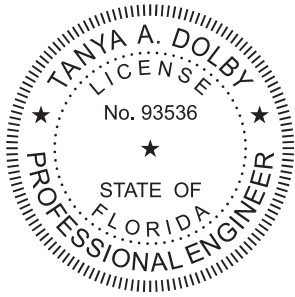
Mark "A"

Maximum				
FW	FH	DLO-W	DLO-H	Pressure
60"	94"	56 1/4"	69 1/2"	± 65 PSF
		56 1/4"	17 1/2"	

Louvers for use with PTAC units only!



Glass Makeup for Mark "A"



2025.08.15 14:36:16 -04'00'
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130 Derry Ct. York, PA 17406
(717) 764-7700
Project: Q9365.01

Project Name:

M700 FIXED IMPACT

INSTALLATION INSTRUCTIONS

GENERAL NOTES

QUAKER WINDOW PRODUCTS WILL NOT BE RESPONSIBLE FOR FIELD MEASUREMENT, QUANTITIES, & INSTALLATION DESIGN. CONTRACTOR MUST VERIFY ALL DIMENSIONS.

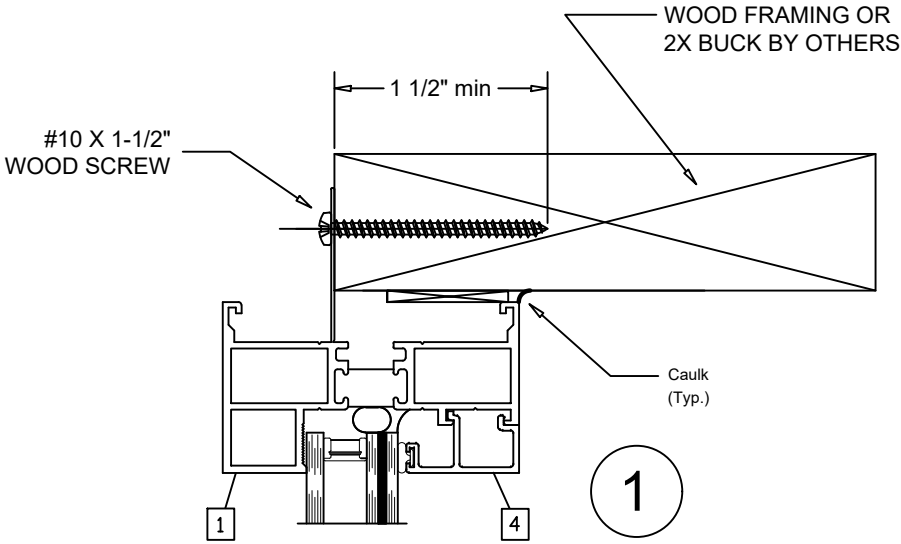
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Sheet #: 1 of 4

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Freeburg, MO 65035
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Date: 08-15-2025

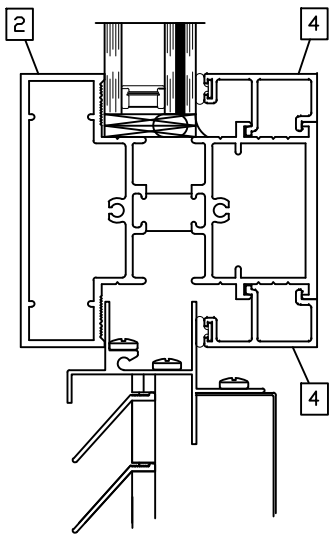
NOTE: TYPICAL M700 FIXED IMPACT WINDOWS - NAIL FIN INSTALLATION



EXTERIOR

INTERIOR

Anchor Spacing	
Short Side	9"
Long Side	8"

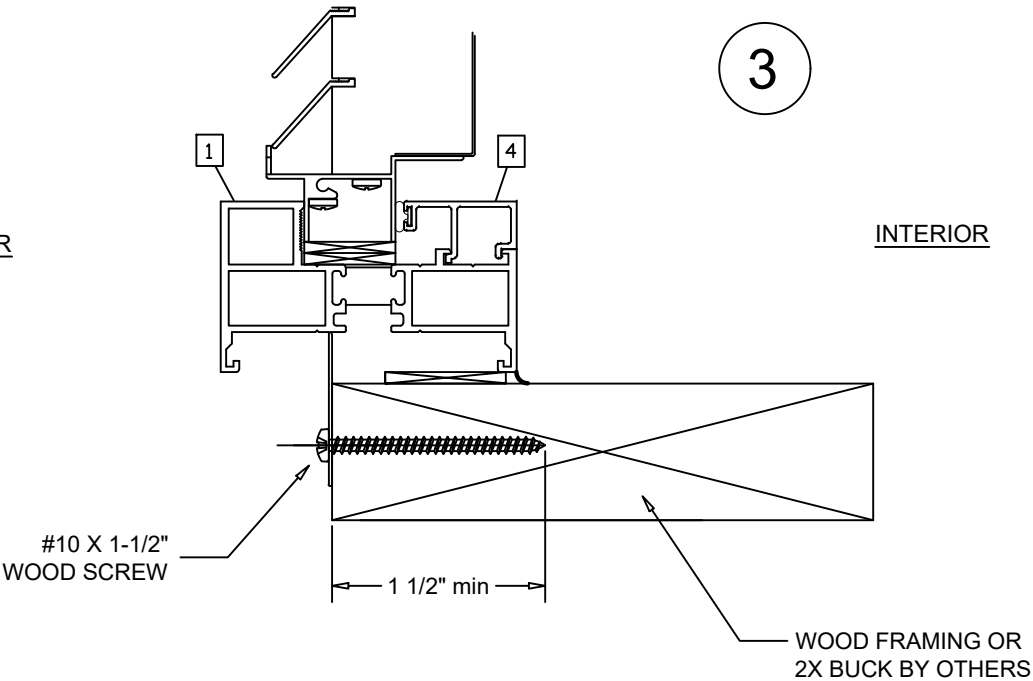


Louvers for use
with PTAC units
only
(see FL15029).

2

EXTERIOR

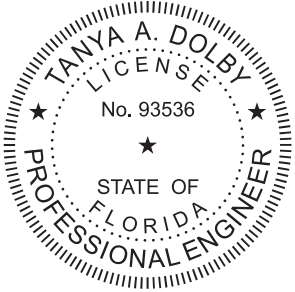
INTERIOR



#10 X 1-1/2"
WOOD SCREW

WOOD FRAMING OR
2X BUCK BY OTHERS

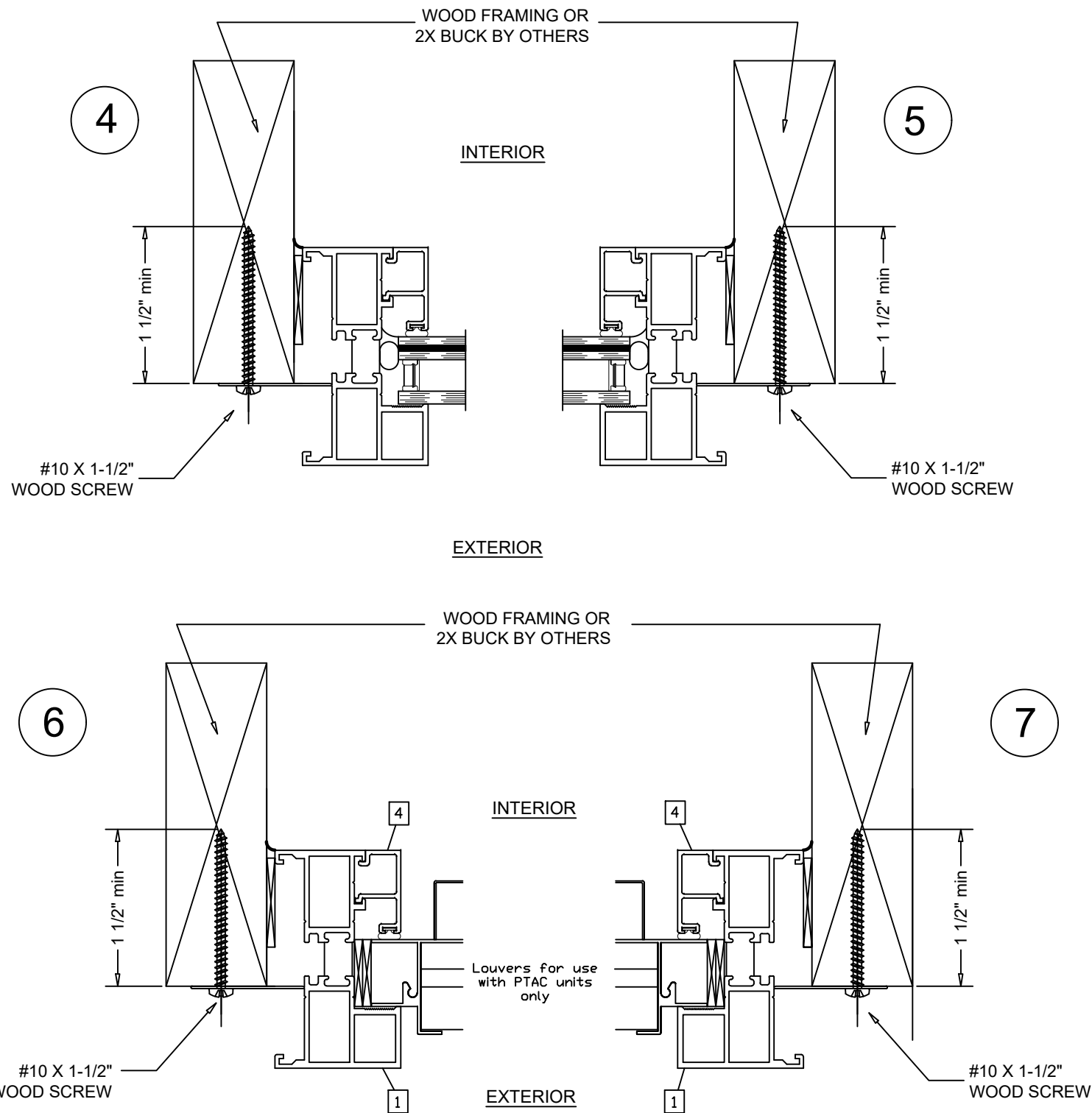
VERTICAL SECTION DETAIL
WOOD FRAMING INSTALLATION



2025.08.15 14:57:36 -04'00'
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Project: Q9365.01

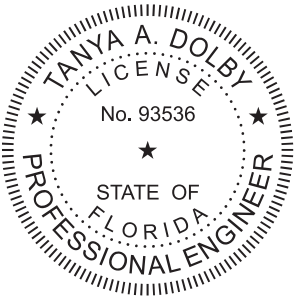
GENERAL NOTES		Project Name:	
QUAKER WINDOW PRODUCTS WILL NOT BE RESPONSIBLE FOR FIELD MEASUREMENT, QUANTITIES, & INSTALLATION DESIGN. CONTRACTOR MUST VERIFY ALL DIMENSIONS.		M700 FIXED IMPACT INSTALLATION INSTRUCTIONS	
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NOTE: TYPICAL M700 FIXED IMPACT WINDOWS - NAIL FIN INSTALLATION



Anchor Spacing	
Short Side	9"
Long Side	8"

HORIZONTAL SECTION DETAIL
WOOD FRAMING INSTALLATION

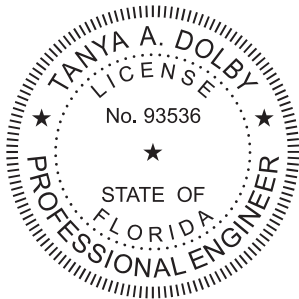
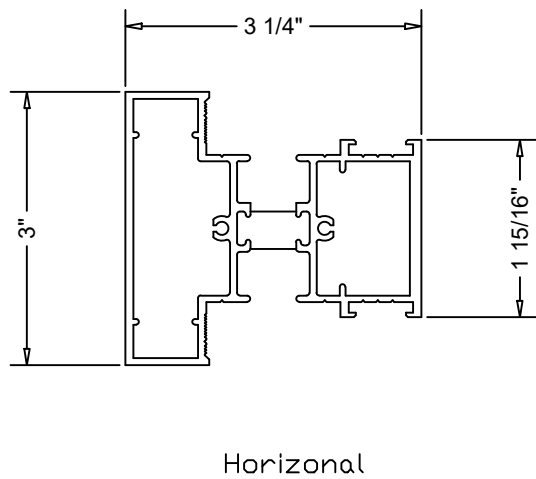
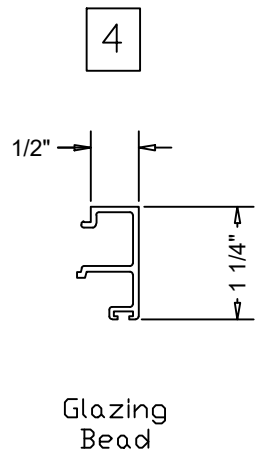
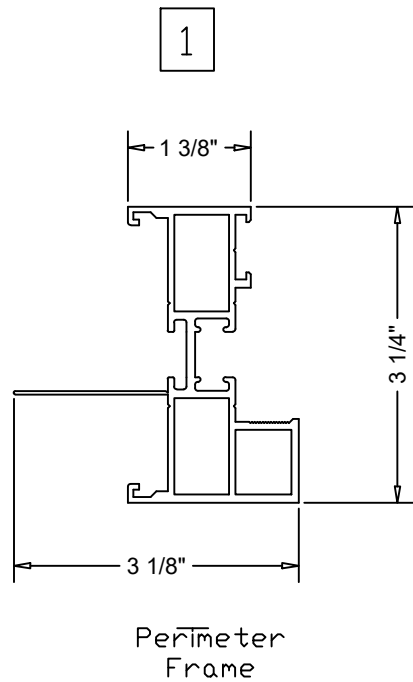


2025.08.15 14:57:48 -04'00'
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Project: Q9365.01

GENERAL NOTES		Project Name:	
QUAKER WINDOW PRODUCTS WILL NOT BE RESPONSIBLE FOR FIELD MEASUREMENT, QUANTITIES, & INSTALLATION DESIGN. CONTRACTOR MUST VERIFY ALL DIMENSIONS.		M700 FIXED IMPACT	
		INSTALLATION INSTRUCTIONS	
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		By:	
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504 Highway 63 South Freeburg, MO 65035 drafting@quakerwindows.com		Date: 08-15-2025	

NOTE: TYPICAL M700 FIXED IMPACT WINDOWS - NAIL FIN INSTALLATION

Bill of Materials				
NO.	Description	Part Number	Material	Manufacturer
1	Fixed Window Frame	M52730	Aluminum 6063-T6	Tower Extrusions
2	Glazing Bead	M21195	Aluminum 6063-T6	Tower Extrusions
3	Horizontal	M56681	Aluminum 6063-T6	Tower Extrusions
4	Corner Keys	5009/200	Die Cast Aluminum	Monticelli
5	Corner Sealant	896TB	Silcone	Pecora
6	Backbedding	RGS7700	Silicone	GE
7	Structural Sealant	Dow Corning 995	Silicone	Dow Corning



2025.08.15 14:58:00 -04'00'
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130 Derry Ct. York, PA 17406
(717) 764-7700
Project: Q9365.01

Project Name:

M700 FIXED IMPACT

INSTALLATION INSTRUCTIONS

GENERAL NOTES

QUAKER WINDOW PRODUCTS
WILL NOT BE RESPONSIBLE
FOR FIELD MEASUREMENT,
QUANTITIES, & INSTALLATION
DESIGN. CONTRACTOR MUST
VERIFY ALL DIMENSIONS.

By: _____
Date: _____
Revision #: _____

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Sheet # 4 of 4

QUAKER
COMMERCIAL WINDOWS AND DOORS

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