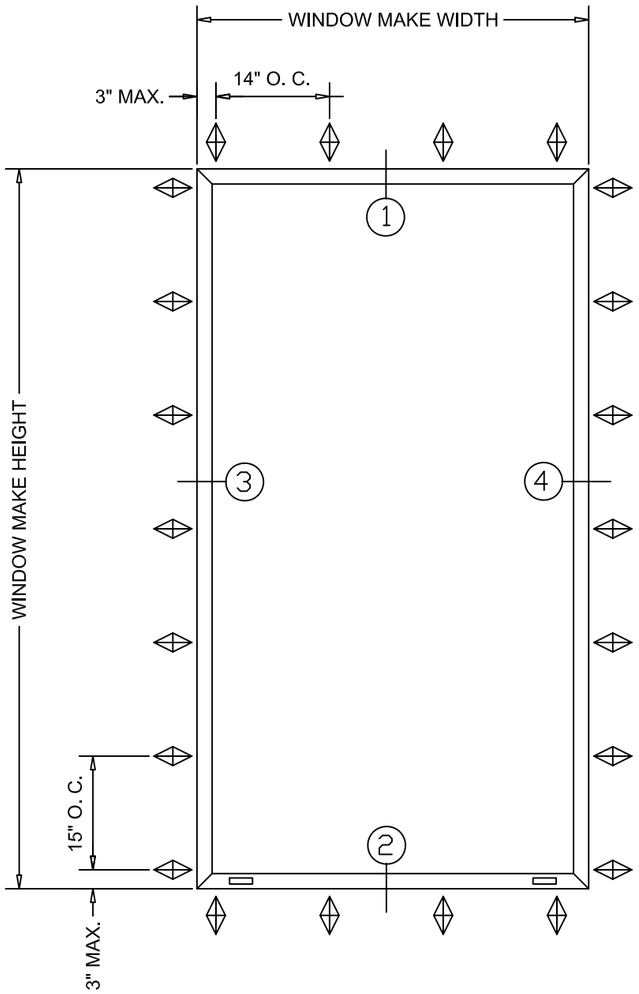
NOTE: TYPICAL M700 FIXED IMPACT WINDOWS - VARIOUS INSTALLATIONS

Contents:

Sheet 1 of 8 - Elevations
Sheet 2 of 8 - Nail Fin install - Wood
Sheet 3 of 8 - Nail Fin install - Alternate Conditions
Sheet 4 of 8 - Receptor Install - Wood
Sheet 5 of 8 - Receptor Install - Alternate Conditions
Sheet 6 of 8 - Trim & Clip - Wood
Sheet 7 of 8 - Trim & Clip - Alternate Conditions
Sheet 8 of 8 - Bill of Materials

Notes:

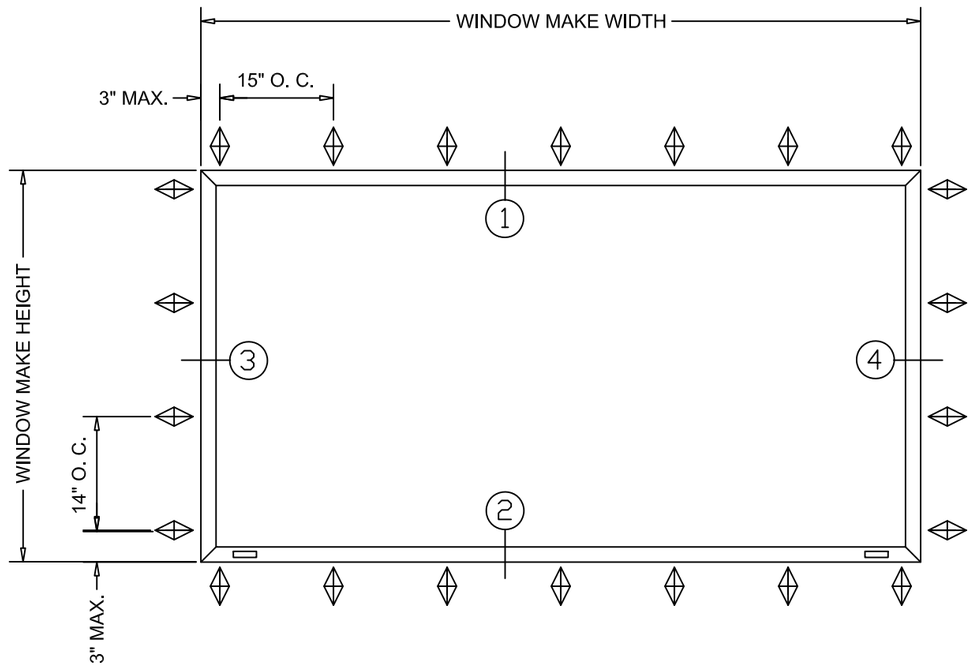
1. Installations depicted satisfy the requirements of the 8th Edition (2023) of the Florida Building Code for Wind Pressures and Overall Sizes shown.
2. As Tested Anchor spacings are shown on the Elevations.
3. Wood Framing are assumed to S-P-F (G=0.55) or denser.
4. Metal stud frames are assumed to be a minimum 18 gauge 33 KSI Steel.
5. Concrete masonry (CMU) shall conform to ASTM C90.
6. Concrete shall be minimum fc = 3,000 psi.
7. Wood Screws shall meet reqirements of ANSI/ASME B18.6.1.
8. TEKS screws shall be ASTM A510 Grade 1018 or equivalent.
9. Hilti Kwik-Con + anchors as specified in NOA 21-0628.20
10. Maximum Frame Shim Space is ¼" as shown. Shims shall be non-compressible load bearing type.
11. Exterior and Interior shall be sealed according to Shop Drawings.
12. Products shown are Impact Resistant. Wind Zone 3 Missile Level D
13. Not for use in High Velocity Hurricane Zone (HVHZ).
14. Sealing and Flashing strategies and overallwater infiltration performance of the installed product are by others and not addressed by this documenet
15. Glass conforms to ASTM E1300.



Maximum				
FW	FH	DLO-W	DLO-H	Pressure
42"	72"	38 1/4	68 1/4"	± 50 PSF

Mark "A"

See Glazing Detail Sheet 7



Maximum				
FW	FH	DLO-W	DLO-H	Pressure
72"	42"	68 1/4"	38 1/4"	± 50 PSF

TANYA A. DOLBY
LICENSE
No. 93536
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Digitally Signed by: Tanya Dolby

2024.04.24 13:31:51 -04'00'

Tanya A. Dolby, P.E.
FL P.E. No. 93536
Intertek – ATI
130 Derry Ct. York, PA 17406
(717) 764-7700
Project: Q9365.01

Project Name: M700 Fixed Various Installations Installation Instructions

Description: GENERAL NOTES

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

QUAKER COMMERCIAL WINDOWS AND DOORS
PHONE (573)-744-5211
FAX (573)-744-5586
COMMERCIAL
FAX (573)-744-5822
www.quakerwindows.com
504 Highway 63 South
Freeburg, MO 65035
drafting@quakerwindows.com

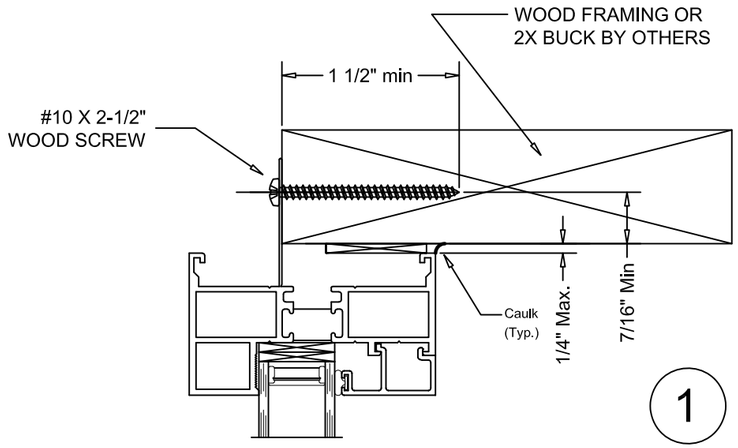
Scale: NONE

Sheet #: 1 of 8

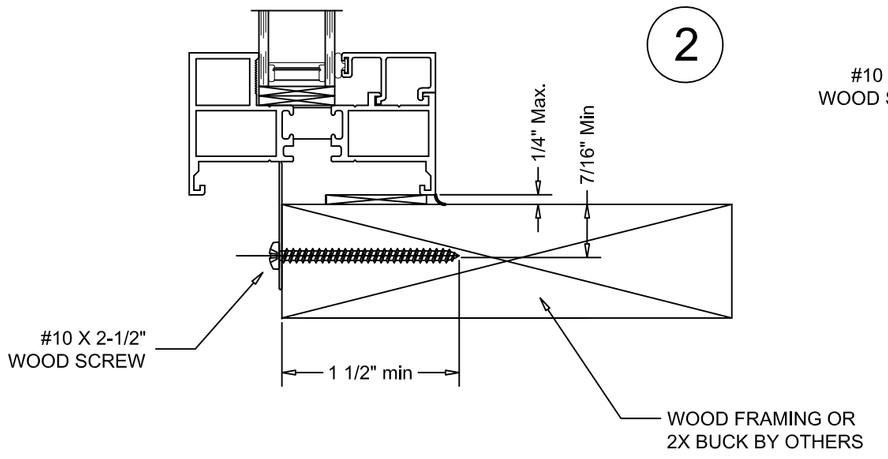
Drawn By: BUD

Date: 04-10-2024

NOTE: M700 FIXED IMPACT WINDOW - NAIL FIN - WOOD SUBSTRATE



1

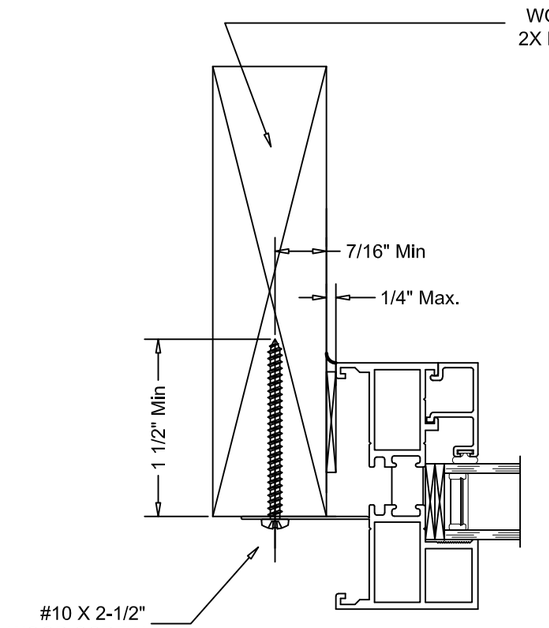


2

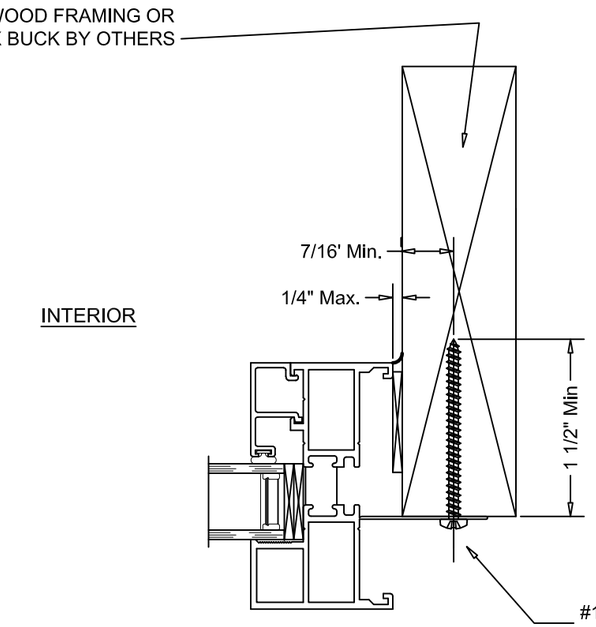
VERTICAL SECTION DETAIL

WOOD FRAMING INSTALLATION

3



4



HORIZONTAL SECTION DETAIL

WOOD FRAMING INSTALLATION

TANYA A. DOLBY
LICENSE
No. 93536
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Digitally Signed by: Tanya Dolby

2024.04.24 13:32:04 -04'00'

Tanya A. Dolby, P.E.
FL P.E. No. 93536
Intertek – ATI
130 Derry Ct. York, PA 17406
(717) 764-7700

Project: Q9365.01

Project Name: M700 FIXED NAIL FIN - WOOD INSTALLATION INSTRUCTIONS

Description: GENERAL NOTES

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

PHONE (573)-744-5211
FAX (573)-744-5586
COMMERCIAL
FAX (573)-744-5822
www.quakerwindows.com
QUAKER COMMERCIAL WINDOWS AND DOORS
504 Highway 63 South
Freeburg, MO 65035
drafting@quakerwindows.com

Scale: NONE

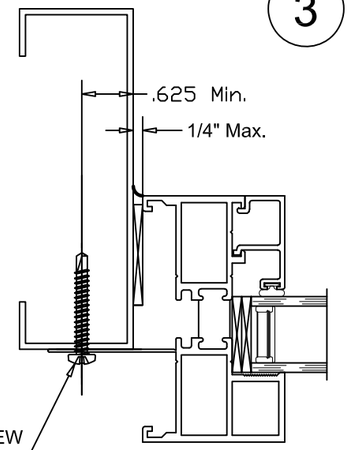
Sheet #: 2 of 8

Drawn By: BUD

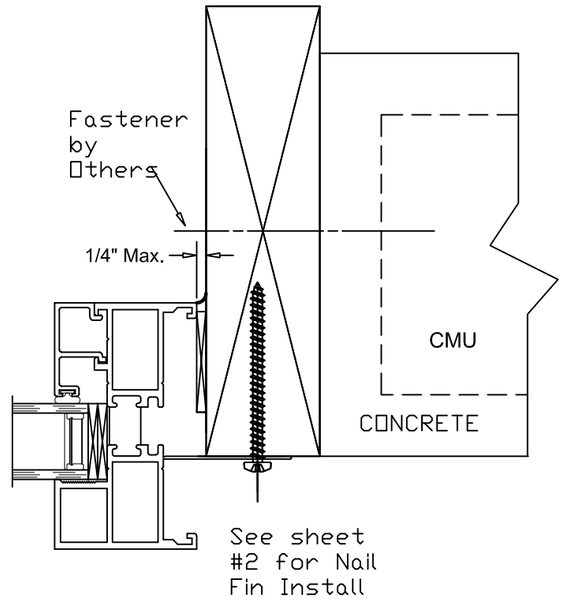
Date: 04-10-2024

NOTE: M700 FIXED IMPACT WINDOW - NAIL FIN - OTHER SUBSTRAITS

3



4



TANYA A. DOLBY
LICENSE
No. 93536
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Digitally Signed by: Tanya Dolby

2024.04.24 13:32:18 -04'00'

Tanya A. Dolby, P.E.
FL P.E. No. 93536
Intertek – ATI
130 Derry Ct. York, PA 17406
(717) 764-7700
Project: Q9365.01

Project Name: M700 FIXED NAIL FIN - OTHER INSTALLATION INSTRUCTIONS

Description: GENERAL NOTES

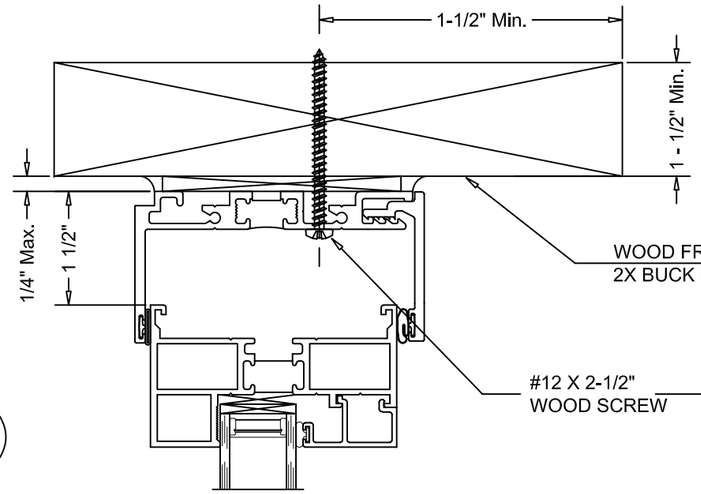
QUAKER WINDOW PRODUCTS WILL NOT BE RESPONSIBLE FOR FIELD MEASUREMENT, QUANTITIES, & INSTALLATION DESIGN. CONTRACTOR MUST VERIFY ALL DIMENSIONS.

QUAKER commercial window and doors
PHONE (573)-744-5211
FAX (573)-744-5586
COMMERCIAL
FAX (573)-744-5822
www.quakerwindows.com
504 Highway 63 South
Freeburg, MO 65035
drafting@quakerwindows.com

Drawn By: BUD
Date: 04-10-2024
Scale: NONE
Sheet #: 3 of 8

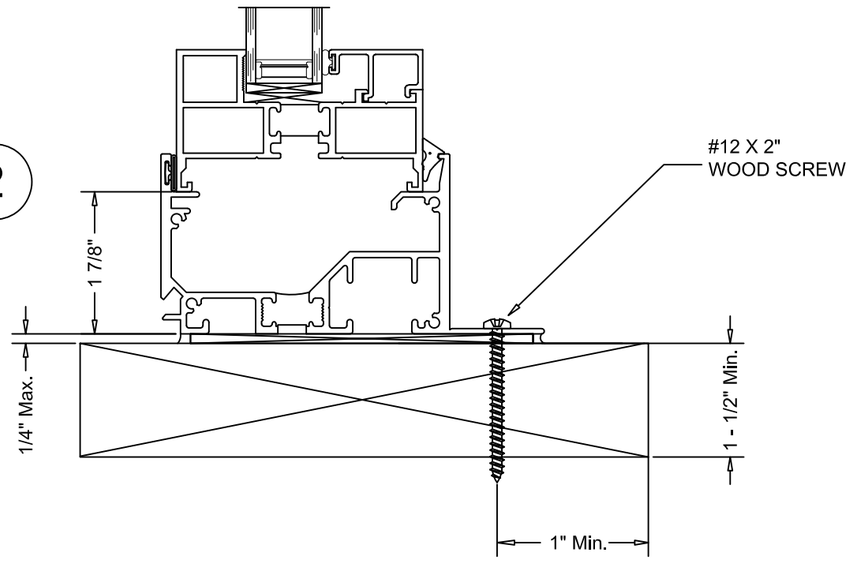
NOTE: TYPICAL M700 FIXED WINDOW - RECEPTOR - WOOD SUBSTRAIT

1



EXTERIOR

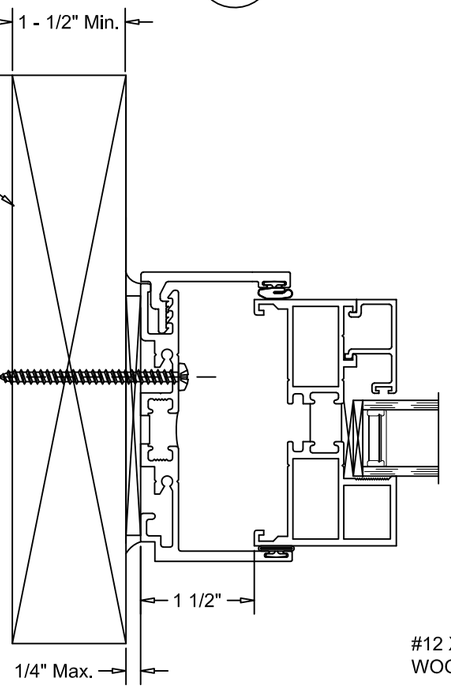
2



VERTICAL SECTION DETAIL
WOOD FRAMING INSTALLATION

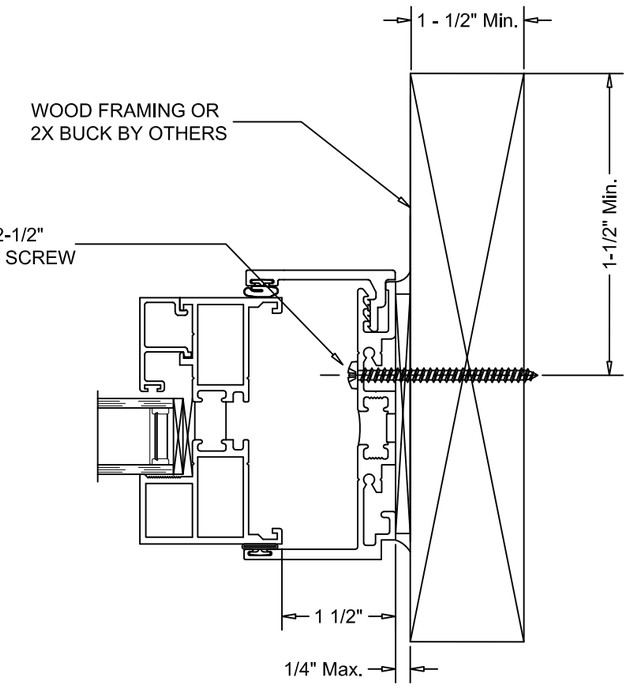
INTERIOR

3



INTERIOR

4



EXTERIOR

HORIZONTAL SECTION DETAIL
WOOD FRAMING INSTALLATION

TANYA A. DOLBY
LICENSE
No. 93536
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Digitally Signed by: Tanya Dolby
2024.04.24 13:32:32 -04'00'

Tanya A. Dolby, P.E.
FL P.E. No. 93536
Intertek – ATI
130 Derry Ct. York, PA 17406
(717) 764-7700
Project: Q9365.01

Project Name: M700 FIXED RECEPTOR - WOOD INSTALLATION INSTRUCTIONS

Description: GENERAL NOTES

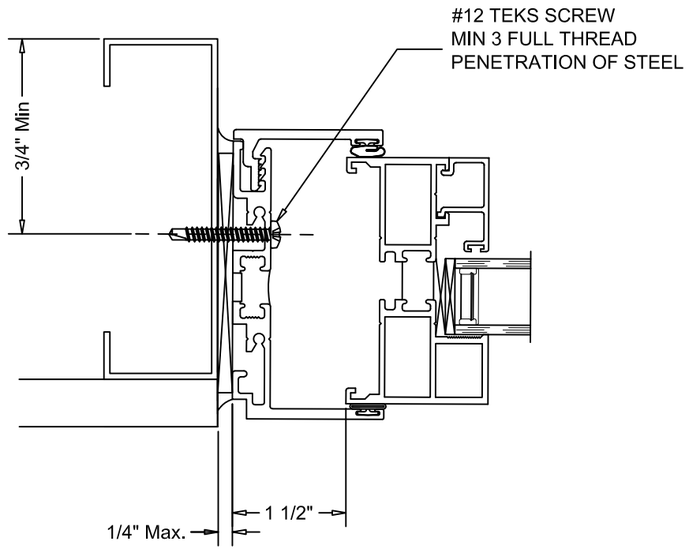
QUAKER WINDOW PRODUCTS WILL NOT BE RESPONSIBLE FOR FIELD MEASUREMENT, QUANTITIES, & INSTALLATION DESIGN. CONTRACTOR MUST VERIFY ALL DIMENSIONS.

QUAKER commercial window and doors
504 Highway 63 South
Freeburg, MO 65035
PHONE (573)-744-5211
FAX (573)-744-5586
COMMERCIAL
FAX (573)-744-5822
www.quakerwindows.com
drafting@quakerwindows.com

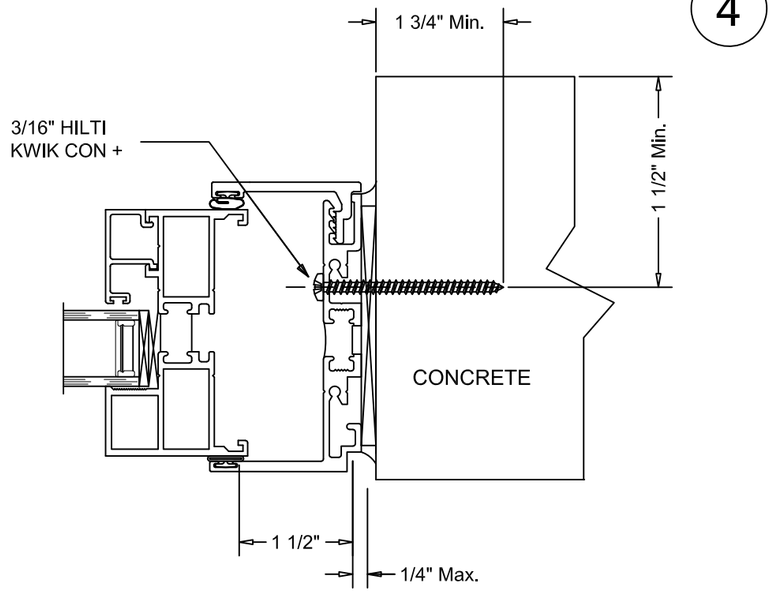
Drawn By: BUD
Date: 04-10-2024
Scale: NONE
Sheet # 4 of 8

NOTE: TYPICAL M700 FIXED WINDOW - RECEPTOR - OTHER SUBSTRATES

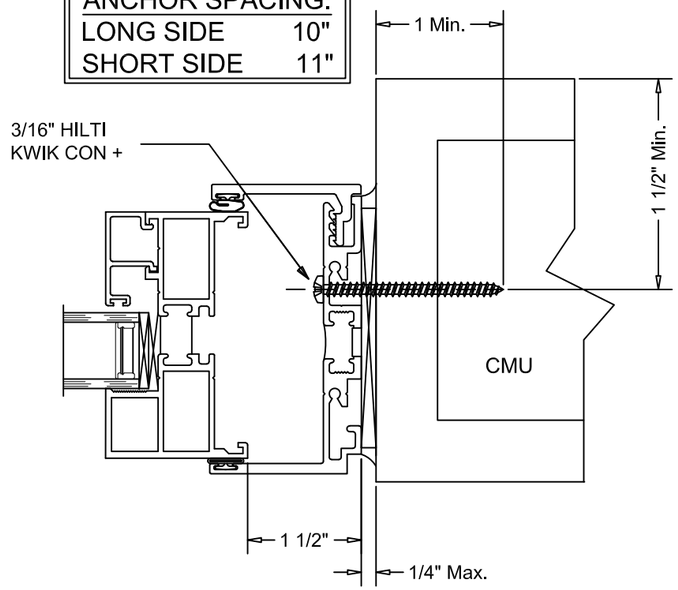
3



4



ANCHOR SPACING:	
LONG SIDE	10"
SHORT SIDE	11"



4

TANYA A. DOLBY
LICENSE
No. 93536
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Digitally Signed by: Tanya Dolby

2024.04.24 13:32:47 -04'00'

Tanya A. Dolby, P.E.
FL P.E. No. 93536
Intertek – ATI
130 Derry Ct. York, PA 17406
(717) 764-7700

Project: Q9365.01

Project Name: M700 Fixed Receptor - Other Installation Instructions

Description: GENERAL NOTES

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

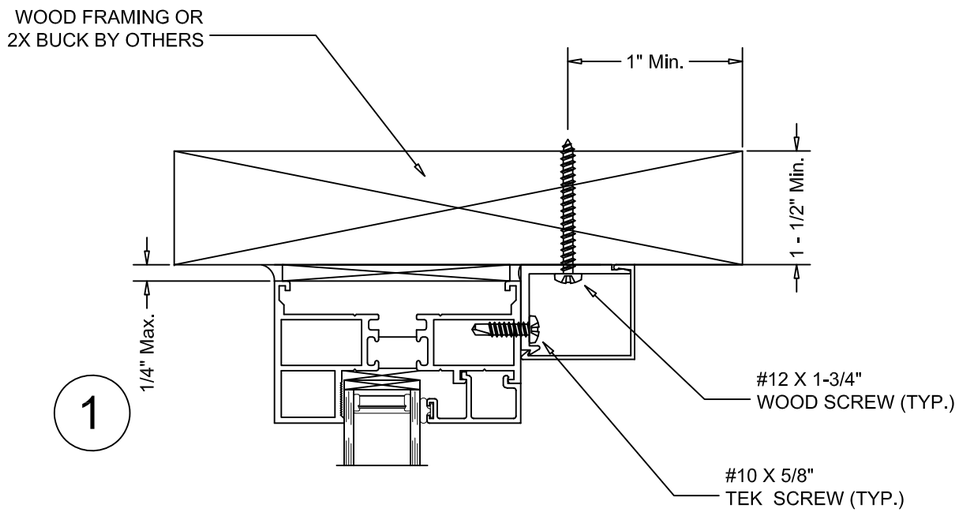
PHONE (573)-744-5211
FAX (573)-744-5586
COMMERCIAL
FAX (573)-744-5822
www.quakerwindows.com

QUAKER commercial windows and doors

504 Highway 63 South
Freeburg, MO 65035
drafting@quakerwindows.com

Drawn By: BUD
Date: 04-10-2024
Scale: NONE
Sheet #: 5 of 8

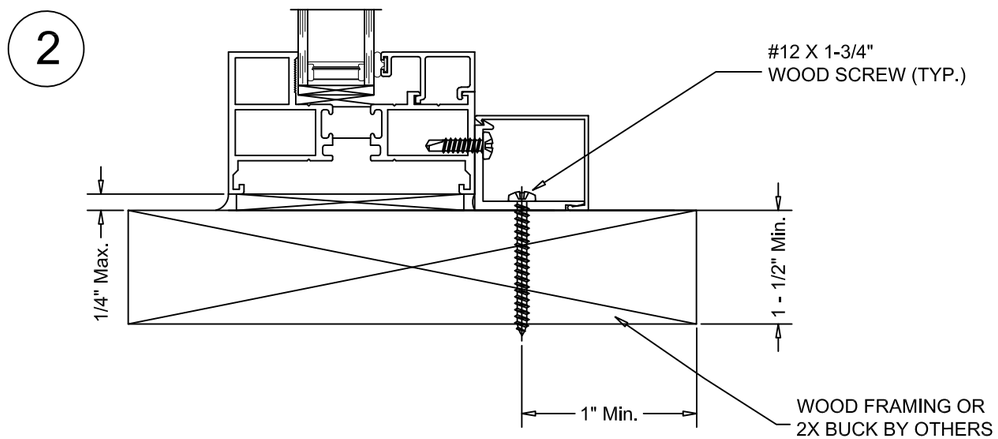
NOTE: TYPICAL M700 FIXED WINDOW - TRIM & CLIP - WOOD SUBSTRAIT



1

EXTERIOR

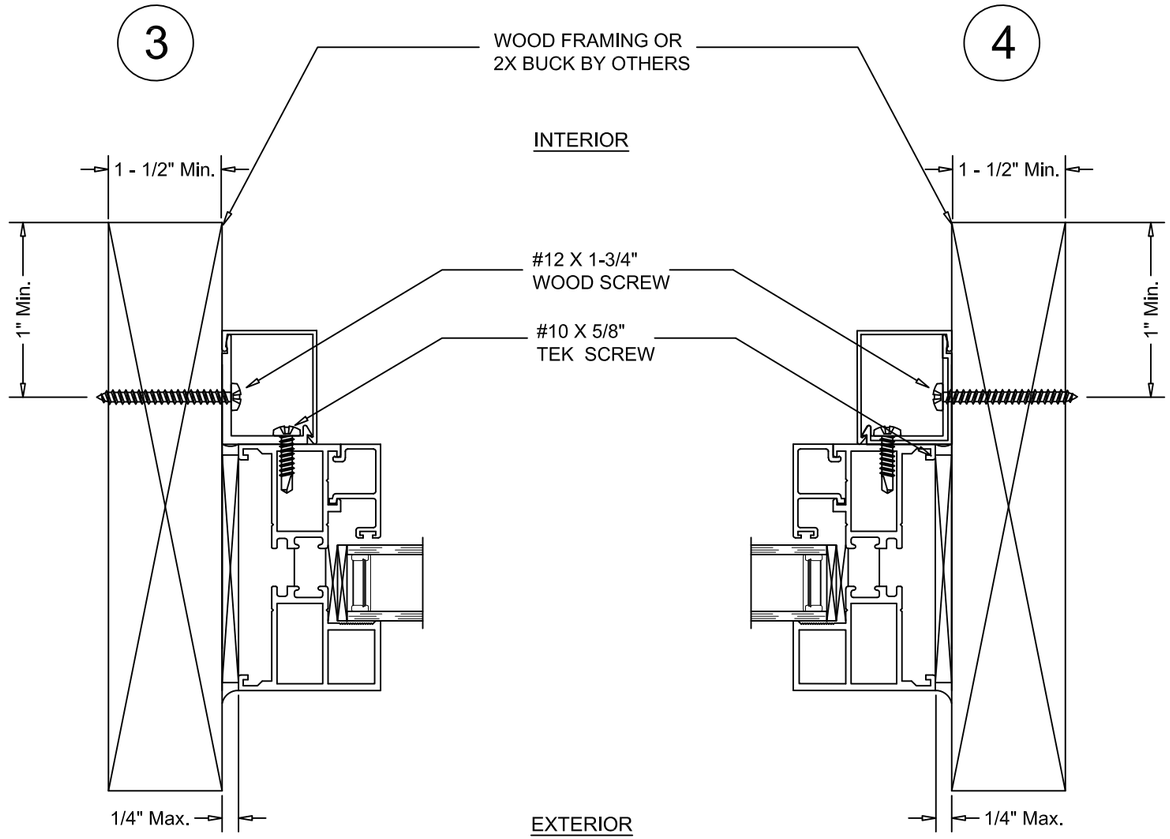
INTERIOR



2

VERTICAL SECTION DETAIL

WOOD FRAMING INSTALLATION



HORIZONTAL SECTION DETAIL

WOOD FRAMING INSTALLATION

TANYA A. DOLBY
LICENSE
No. 93536
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Digitally Signed by: Tanya Dolby

2024.04.24 13:33:00 -04'00'

Tanya A. Dolby, P.E.
FL P.E. No. 93536
Intertek – ATI
130 Derry Ct. York, PA 17406
(717) 764-7700

Project: Q9365.01

Project Name: M700 Fixed Trim & Clip - Wood Installation Instructions

Description: GENERAL NOTES

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

PHONE (573)-744-5211
FAX (573)-744-5586
COMMERCIAL
FAX (573)-744-5822
www.quakerwindows.com

QUAKER COMMERCIAL WINDOWS AND DOORS

504 Highway 63 South
Freeburg, MO 65035
drafting@quakerwindows.com

Scale: NONE

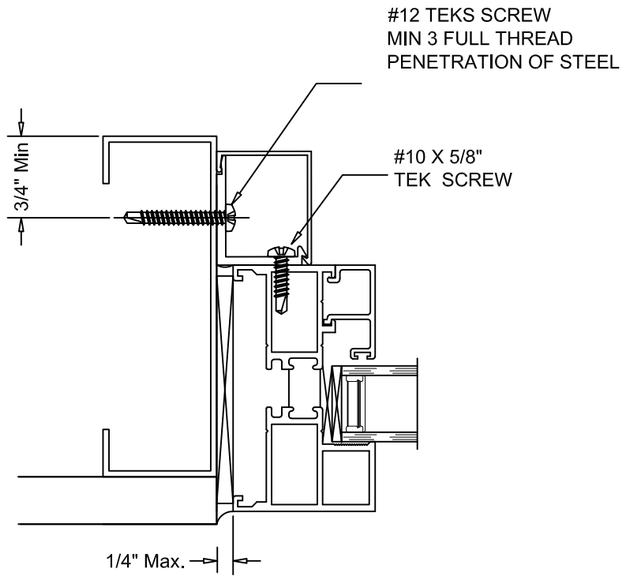
Sheet #: 6 of 8

Drawn By: Bud

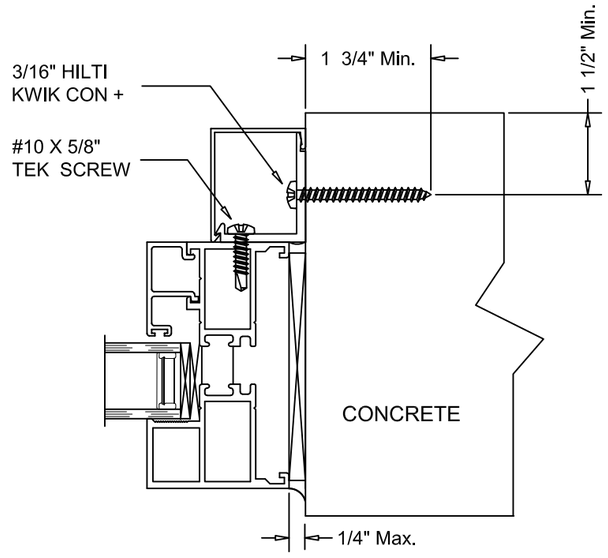
Date: 04-10-2024

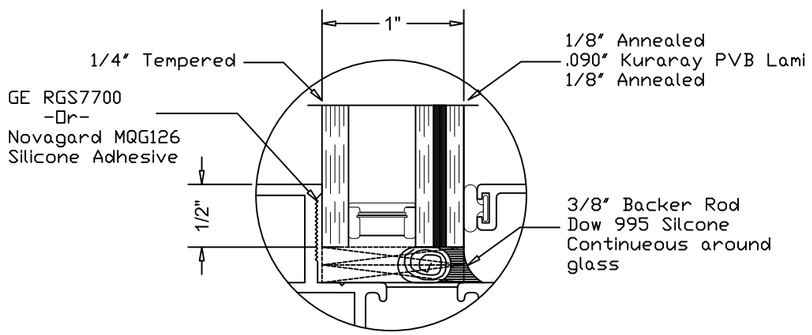
NOTE: TYPICAL M700 FIXED WINDOW - TRIM & CLIP - OTHER SUBSTRATES

3

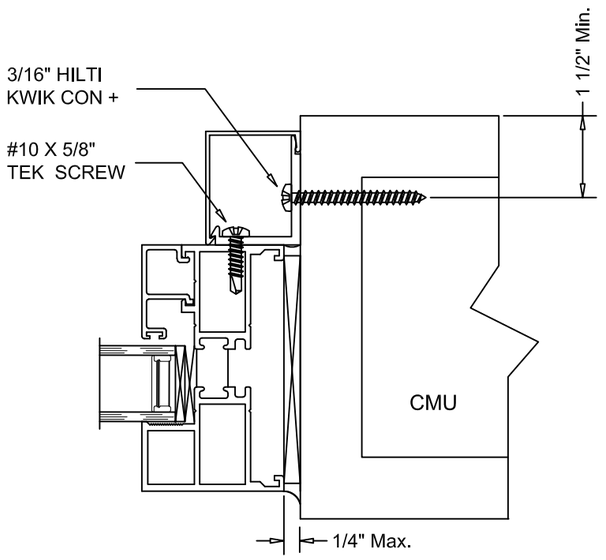


4





Glass Makeup for Mark "A"



4

TANYA A. DOLBY
LICENSE
No. 93536
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Digitally Signed by: Tanya Dolby

2024.04.24 13:33:16 -04'00'

Tanya A. Dolby, P.E.
FL P.E. No. 93536
Intertek – ATI
130 Derry Ct. York, PA 17406
(717) 764-7700
Project: Q9365.01

Project Name:

M700 Fixed
Trim & Clip - Other
Installation Instructions

Description: GENERAL NOTES

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

PHONE (573)-744-5211
FAX (573)-744-5586
COMMERCIAL
FAX (573)-744-5822
www.quakerwindows.com

QUAKER commercial window and doors

504 Highway 63 South
Freeburg, MO 65035
drafting@quakerwindows.com

Drawn By: BUD

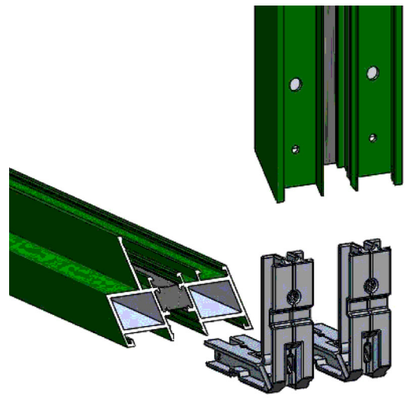
Date: 04-10-2024

Scale: NONE

Sheet #: 7 of 8

NOTE: TYPICAL M700 FIXED IMPACT WINDOWS - BILL OF MATERIAL

Bill of Materials				
NO.	Description	Part Number	Material	Manufacturer
1	Frame w/Nail Fin	M52730	Aluminum 6063-T6	Tower Extrusions
2	Frame	M52731	Aluminum 6063-T6	Tower Extrusions
3	Glazing Bead	M21195	Aluminum 6063-T6	Tower Extrusions
4	Receptor Base	M17541	Aluminum 6063-T6	Tower Extrusions
5	Receptor Clip	M18065	Aluminum 6063-T6	Tower Extrusions
6	Receptor Sill	M17539	Aluminum 6063-T6	Tower Extrusions
7	Trim Base	M15266	Aluminum 6063-T6	Tower Extrusions
8	Clip Base	M15267	Aluminum 6063-T6	Tower Extrusions
9	Corner Keys	5009/200	Die Cast Aluminum	Monticelli
10	Corner Sealant	896TB	Silcone	Pecora
11	Backbedding	RGS7700	Silicone	GE
12	Structural Sealant	Dow Corning 995	Silicone	Dow Corning



9

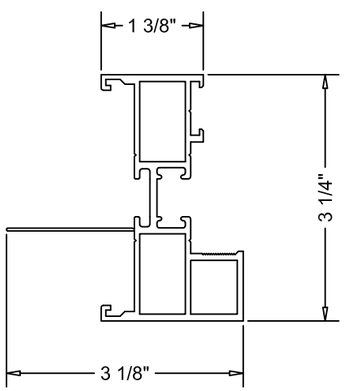
TANYA A. DOLBY
LICENSE
No. 93536
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Digitally Signed by: Tanya Dolby
2024.04.24 13:33:33 -04'00'

Tanya A. Dolby, P.E.
FL P.E. No. 93536
Intertek – ATI
130 Derry Ct. York, PA 17406
(717) 764-7700

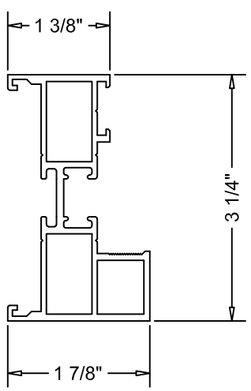
Project: Q9365.01

1



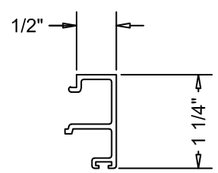
Perimeter Nail Fin Framing

2



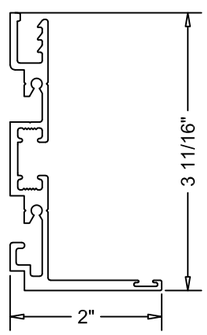
Perimeter Framing

3



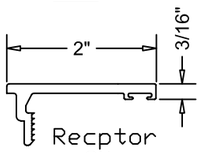
Glazing Bead

4



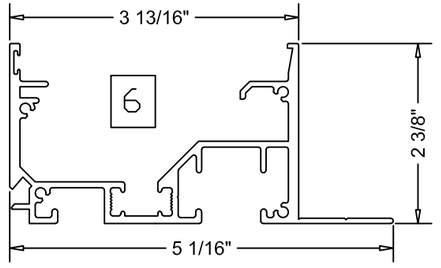
Recptor Base

5



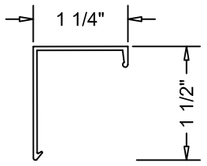
Recptor Clip

6



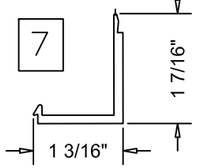
Receptor Sill

8



Trim & Clip Cover

7



Trim & Clip Base

Project Name:
M700 Fixed
Bill Of Material
Installation Instructions

Description:
GENERAL NOTES

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

QUAKER COMMERCIAL WINDOWS AND DOORS
PHONE (573)-744-5211
FAX (573)-744-5586
COMMERCIAL
FAX (573)-744-5822
www.quakerwindows.com
504 Highway 63 South
Freeburg, MO 65035
drafting@quakerwindows.com

Drawn By: BUD
Date: 04-10-2024
Scale: NONE
Sheet # 8 of 8