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ALUMINTECHNO, JLLC
TEST REPORT

SCOPE OF WORK
CITY OF NEW YORK DEPARTMENT OF HEALTH WINDOW FALLS PREVENTION PROGRAM
TESTING ON SERIES: ALT W 72 TILT TURN WINDOW

REPORT NUMBER
I2284.01-525-44 R1

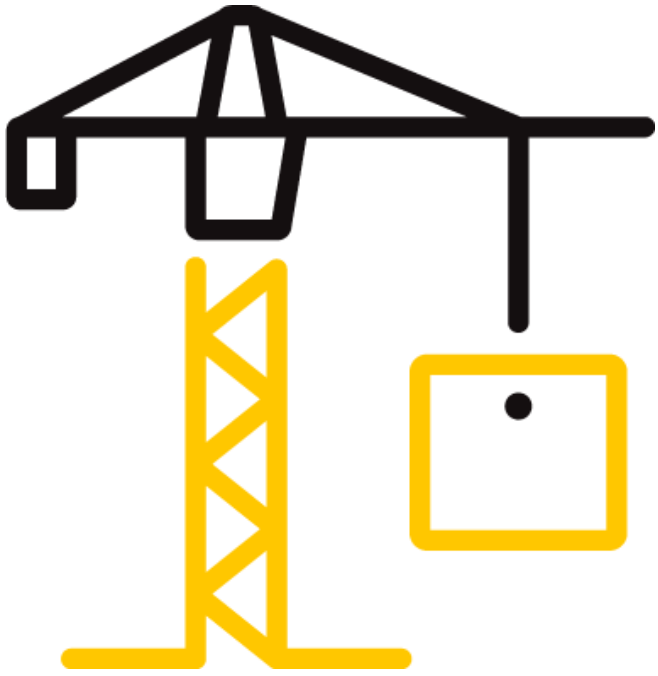
TEST DATE(S)
05/15/18 - 05/16/18

ISSUE DATE **REVISION DATE**
09/12/18 09/17/18

RECORD RETENTION END DATE
05/16/22

PAGES
22

DOCUMENT CONTROL NUMBER
ATI 00515 (07/24/17)
RT-R-AMER-Test-2811



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Farmingdale, NY 11735

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TEST REPORT FOR ALUMINTECHNO, JLLC
Report No.: I2284.01-525-44 R1
Date: 09/12/18

REPORT ISSUED TO

ALUMIN TECHNO, JLLC
Selitskogo str.12-211
220075 FEZ "Minsk"
Minsk Region, Minsk Area

SECTION 1

SCOPE

Intertek Building & Construction (B&C) was contracted by **ALUMINTECHNO, JLLC**, 12 Selitskogo St., Minsk, Belarus 220075 to perform testing in accordance with City of New York Department of Health Window Falls Prevention Program, Chapter 12-11, *Specifications for Window Guards for Other Than Double Hung Windows*, on their ALT W 72 Tilt Turn window. Results obtained are tested values and were secured by using the designated test method(s). Testing was conducted at Intertek Building & Construction (B&C) test facility in Farmingdale, NY. This report does not constitute certification of this product nor an opinion or endorsement by this laboratory.

SECTION 2

SUMMARY OF TEST RESULTS

Product Type: Tilt Turn
Series/Model: ALT W 72

TITLE	SPECIMEN #1	SPECIMEN #2
Vent opening prior to loading	3-1/2"	3-1/2"
150 lbs applied for 60 seconds at the middle of the top rail	PASS 3-3/4" max. opening	PASS 3-3/4" max. opening
Vent opening after loading	3-1/2"	3-1/2"

2018.09.18 13:21:20 -04'00'

For INTERTEK B&C:

COMPLETED BY:	Michael Hendriks	**REVIEWED BY:**	Joseph A. Reed, P.E.
TITLE:	Senior Technician – B&C	**TITLE:**	Senior Director
SIGNATURE:		**SIGNATURE:**	Digitally Signed by: Joseph A. Reed
DATE:	09/17/18	**DATE:**	09/17/18

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SECTION 3
TEST METHOD(S)

The specimens were evaluated in accordance with the following:

> **City of New York Department of Health Window Falls Prevention Program, Chapter 12-11,** *Specifications for Window Guards for Other Than Double Hung Windows*

SECTION 4
MATERIAL SOURCE/INSTALLATION

Test specimens were provided by the client. Representative samples of the test specimen(s) will be retained by Intertek B&C for a minimum of four years from the test completion date.

The specimen was mounted to Intertek testing wall using steel clamps and blocks.

SECTION 5
EQUIPMENT

WLE 161: 5" diameter rigid sphere
WLE 032: Load cell

SECTION 6
LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Michael Hendriks	Intertek B&C
Craig Ginsberg	Intertek B&C
Freddy Durand	Intertek B&C
Joseph A. Reed, P.E.	Intertek B&C

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Date: 09/12/18

SECTION 7
TEST SPECIMEN DESCRIPTION

Product Type: Tilt Turn
Series/Model: ALT W 72

Product Size(s):

Test Specimen #1

OVERALL AREA:	**WIDTH**		**HEIGHT**	
0.35 m² (3.75 ft²)	**millimeters**	**Inches**	**millimeters**	**inches**
Overall Size	542	21-3/8	643	25-1/4
Vent Size	454	17-7/8	555	21-3/4

Test Specimen #2

OVERALL AREA:	**WIDTH**		**HEIGHT**	
3.83 m² (41.25 ft²)	**millimeters**	**Inches**	**millimeters**	**inches**
Overall Size	1524	60	2515	99
Vent Size	1436	56-1/2	2427	95-1/2

The following descriptions apply to all specimens.

Frame Construction:

FRAME MEMBER	**MATERIAL**	**DESCRIPTION**
Head/Sill/Side jamb	Aluminium	Exterior and interior Extruded profiles thermally broken on top and bottom with I-strut thermal break filled with PU Foam insulation.
	JOINERY TYPE	**DETAIL**
All Corners	Mitered	Two steel corner keys mechanically fastened.

Sash/Vent/Panel Construction:

SASH MEMBER	**MATERIAL**	**DESCRIPTION**
Sash	Aluminium	Exterior and interior extruded profiles thermally broken on top and bottom with I-strut thermal break filled with PU Foam insulation.
	JOINERY TYPE	**DETAIL**
All Corners	Mitered	Two steel corner keys mechanically fastened.

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Date: 09/12/18

Reinforcement: *No reinforcement was utilized.*

Weather stripping:

DESCRIPTION	QUANTITY	LOCATION
FRK63 goose neck rubber wedge gasket	1 row	Continuous around center of frame
FRK98 wedge gasket	1 row	Interior vent frame edge to frame surface

Glazing: *No conclusions of any kind regarding the adequacy or inadequacy of the glass in any glazed test specimen(s) can be made.*

GLASS TYPE	SPACER TYPE	INTERIOR LITE	EXTERIOR LITE	GLAZING METHOD
1" IG	1/2” Metal box spacer	1/4” Temp.	1/4” Temp.	Interior glazed compression sealed with exterior wedge gasket (FRK29-01) and interior glazing bead with gasket (FRK67).

LOCATION	QUANTITY	DAYLIGHT OPENING		GLASS BITE
		Millimetres	inches	
Test Specimen 1	1	270 x 371	10-5/8 x 14-5/8	1/2"
Test Specimen 2	1	1252 x 2243	49-5/16 x 88-5/16	1/2”

Drainage:

DRAINAGE METHOD	SIZE	QUANTITY	LOCATION
Weep hole slots	1" X 1/4"	2	5-11/32” off edge of frame on both sides

Hardware:

DESCRIPTION	QUANTITY	LOCATION
Roto Multi point lock system	1	3 strikes on each vent stile, 1 strike at top rail. 3 keeper plates at each jamb and one at head.
Roto Turn handle	1	Vent stile
Locking element kit – (Art.728804)	1	Lock tumbler on vent rail with strike plate mounted on sill.
Hinge group	1	Lower right-hand corner of sash and frame
Water deflector extrusion (c48.0611)	1	Exterior face of bottom rail

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TEST REPORT FOR ALUMINTECHNO, JLLC
Report No.: I2284.01-525-44 R1
Date: 09/12/18

Hardware: (Continued)

DESCRIPTION	QUANTITY	LOCATION
Specimen 2 only:		
Reinforcement kit up to 150kg	1	Lower right-hand stile
Opening stop arm	1	Left side of sash top rail attached to ROTO track system and fastened to frame head using (2) #10 x 1/4" SS Torx safety machine screws

Limit Stop Device:

SPECIMEN #1

The device allowed for a 3-1/2" vent opening. limit stop devices were located at the top rail to frame head.

MATERIAL	DESCRIPTION	ATTACHMENT
Steel	Compass arm 390 -Art. 740852	Attached to Roto rail system on top of sash rail and attached to frame head using (2) #10 x 1/4" SS Torx safety machine screws
Window Lock	Key Locking element kit – Art. 728804	Mounted on the bottom rail of sash.

SPECIMEN #2

The device allowed for a 3-1/2" vent opening. limit stop devices were located at the top rail to frame head.

MATERIAL	DESCRIPTION	ATTACHMENT
Steel	Compass arm 390 -Art. 740838/624958	Attached to Roto rail system on top of sash rail and attached to frame head using (2) #10 x 1/4" SS Torx safety machine screws
Window Lock	Key Locking element kit – Art. 728804	Mounted on the bottom rail of sash.

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SECTION 8
TEST RESULTS

The temperature during testing was 16.7°C (62°F). The results are tabulated as follows:

Test Specimen #1: **Tilt Mode**

TITLE OF TEST	RESULTS	MAXIMUM ALLOWED
Vent opening prior to loading	3-1/2"	4-1/2" max.
150 lbs applied for 60 seconds at the right side of the top rail	PASS 3-3/4" max. opening	4-1/2" max. and no passage of a 5" rigid sphere
Vent opening after loading	3-1/2"	4-1/2" max.

Vent opening prior to loading	3-1/4"	4-1/2" max.
150 lbs applied for 60 seconds at the middle of the top rail	PASS 3-3/4" max. opening	4-1/2" max. and no passage of a 5" rigid sphere
Vent opening after loading	3-1/2"	4-1/2" max.

Vent opening prior to loading	3-1/2"	4-1/2" max.
150 lbs applied for 60 seconds at the left side of the top rail	PASS 3-3/4" max. opening	4-1/2" max. and no passage of a 5" rigid sphere
Vent opening after loading	3-1/2"	4-1/2" max.

Observations: *At no time during the test was a 5" rigid sphere able to pass through the opening. Upon completion of testing there was no damage or permanent deformation to the window or limit stops.*

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TEST REPORT FOR ALUMINTECHNO, JLLC
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Test Specimen #2: Tilt Mode

TITLE OF TEST	RESULTS	MAXIMUM ALLOWED
Vent opening prior to loading	3-1/2"	4-1/2" max.
150 lbs applied for 60 seconds at the right side of the top rail	PASS 4-1/2" max. opening	4-1/2" max. and no passage of a 5" rigid sphere
Vent opening after loading	3-1/2"	4-1/2" max.

Vent opening prior to loading	3-1/2"	4-1/2" max.
150 lbs applied for 60 seconds at the middle of the top rail	PASS 3-3/4" max. opening	4-1/2" max. and no passage of a 5" rigid sphere
Vent opening after loading	3-1/2"	4-1/2" max.

Vent opening prior to loading	3-1/2"	4-1/2" max.
150 lbs applied for 60 seconds at the left side of the top rail	PASS 3-3/4" max. opening	4-1/2" max. and no passage of a 5" rigid sphere
Vent opening after loading	3-1/2"	4-1/2" max.

Observations: *At no time during the test was a 5" rigid sphere able to pass through the opening. Upon completion of testing there was no damage or permanent deformation to the window or limit stops.*

SECTION 9
CONCLUSION

The specimens tested successfully met the performance requirements of the City of New York Department of Health Window Falls Prevention Program, Chapter 12-11.

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SECTION 10
PHOTOGRAPHS

Photo No. 1
Specimen #1 in the open position.

Photo No. 2
Specimen #1 under load with 5" rigid sphere test

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Report No.: I2284.01-525-44 R1
Date: 09/12/18

Photo No. 3
Specimen #2 limit arm device in the open position.

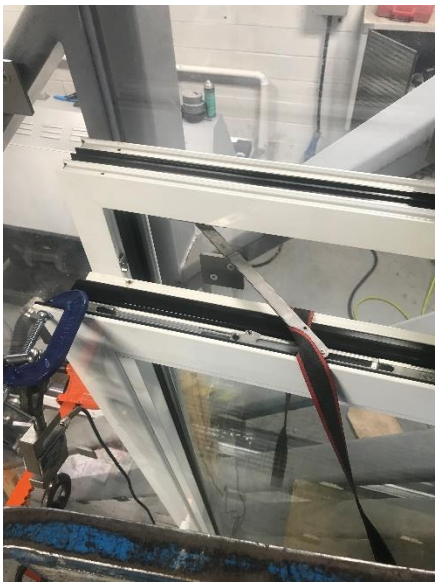

Photo No. 4
Specimen #2 secondary limit arm device in the open position.

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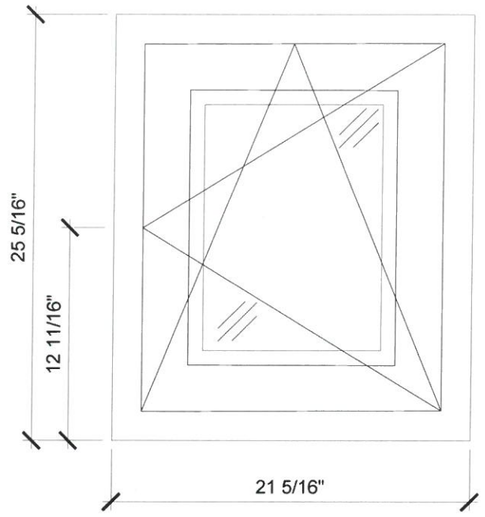
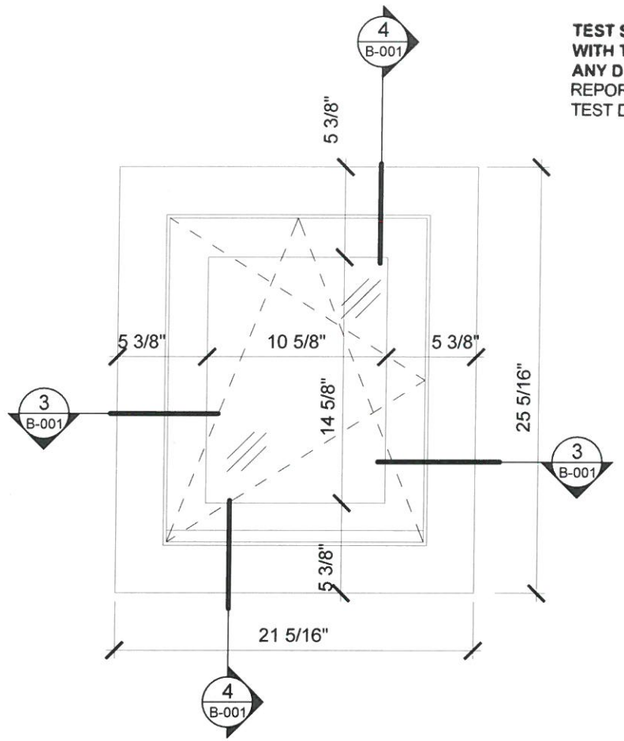
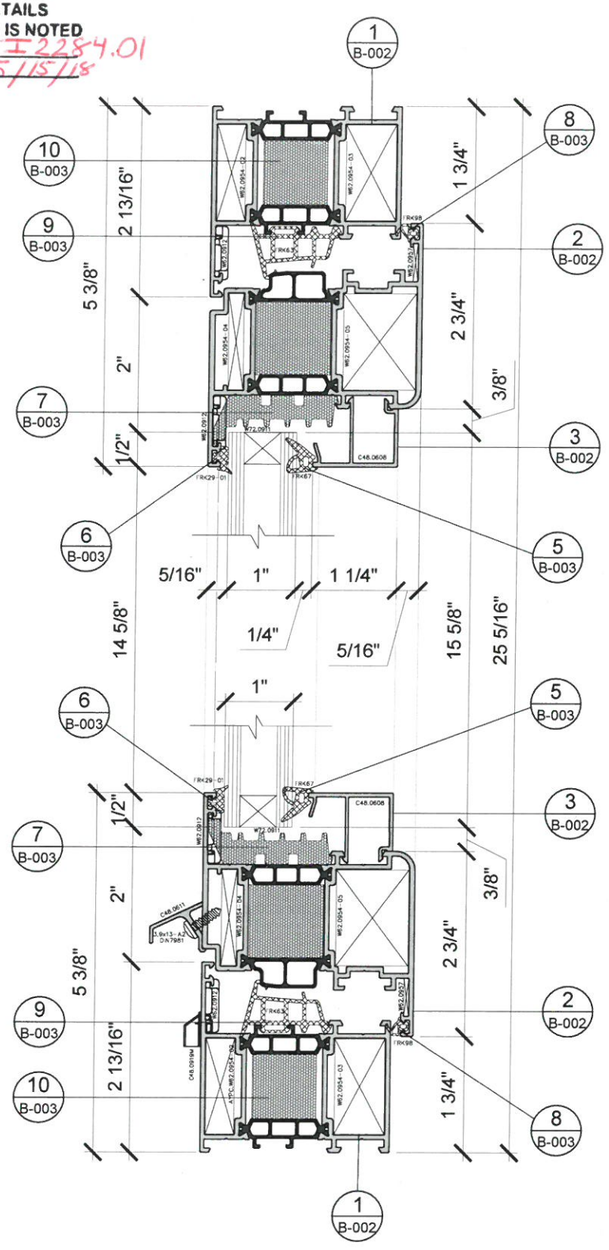
SECTION 11
DRAWINGS

The test specimen drawings have been reviewed by Intertek B&C and are representative of the test specimen(s) reported herein. Test specimen construction was verified by Intertek B&C per the drawings included in this report. Any deviations are documented herein or on the drawings.

TEST SPECIMEN COMPLIES WITH THESE DETAILS
ANY DEVIATION IS NOTED
REPORT NO. I2284.01
TEST DATE: 5/15/18

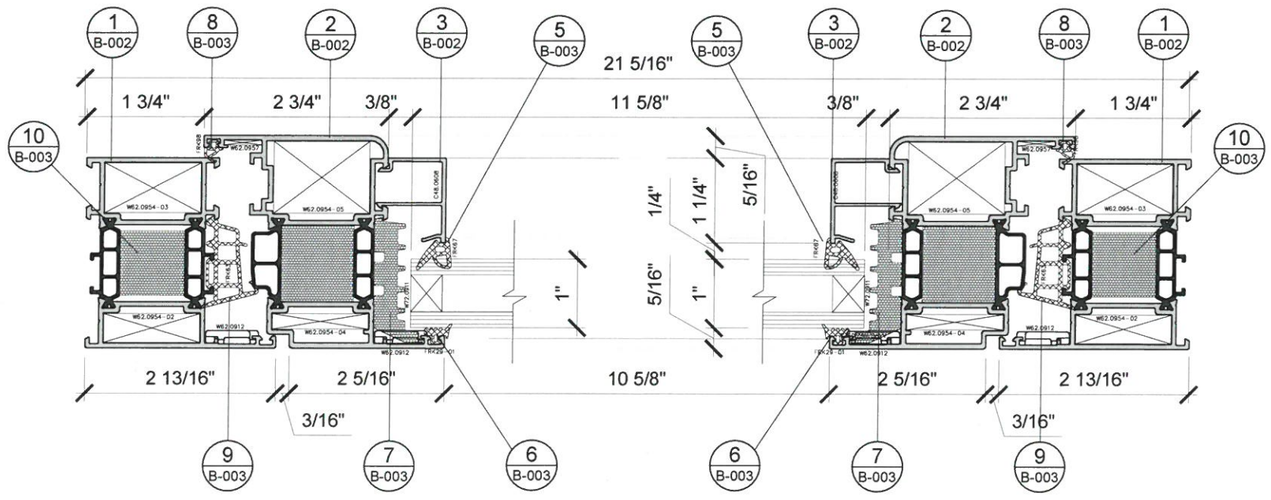






1 WINDOW ELEVATION INTERIOR VIEW
SCALE: 1/2" = 1'-0"

2 WINDOW ELEVATION EXTERIOR VIEW
SCALE: 1/2" = 1'-0"



3 SECTION #1
SCALE: 6" = 1'-0"

4 SECTION #2
SCALE: 6" = 1'-0"

CLIENT:
AluminTechno
ALUMINUM PROFILE SYSTEMS

PROJECT NAME:
21 5/16" X 25 5/16"
LIMITER TEST

PREPARED BY:
CAD SHOPS

PROJECT ADDRESS:
130 DERRY CT YORK, PA 17406

DATE	REVISION	#

APPROVED
CLIENT'S SIGNATURE
DATE ____/____/____

SPECIAL NOTES:
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ALL DIMENSIONS TO BE FIELD VERIFIED PRIOR TO ANY FABRICATION.

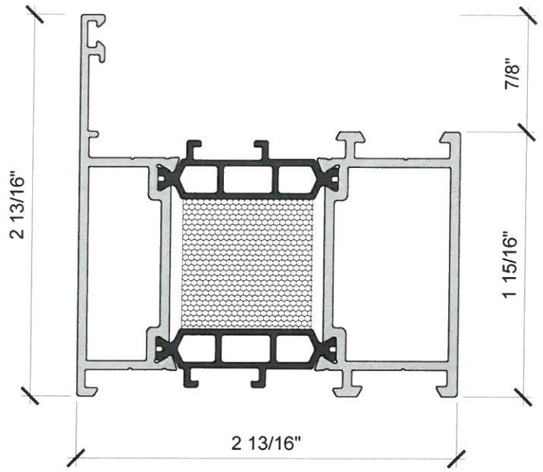
DRAWING TITLE:
ASSEMBLY DRAWING AND SECTIONS

REVIEWED BY PROJECT MANAGER
BY:____ DATE:____
NOTE:____

DIMENSIONS FIELD VERIFIED
BY:____ DATE:____
NOTE:____

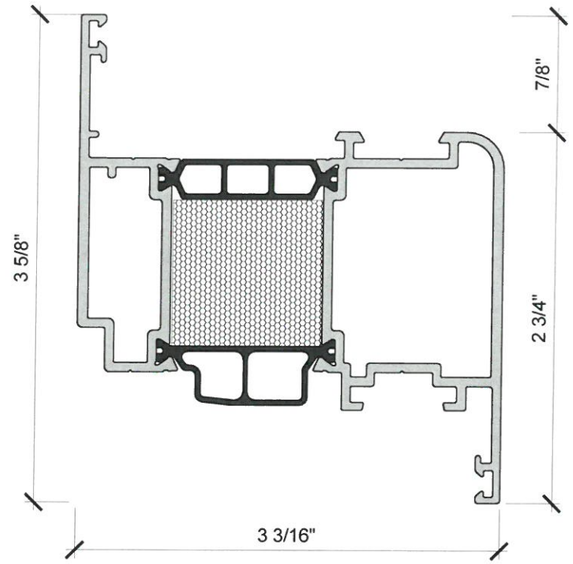
DATE: 05.15.2018
DRAWN BY: EG
CHECKED BY: VP; AA

DRAWING No: **B-001.00** SIZE: B



Material: Extruded Aluminum with Thermal Break

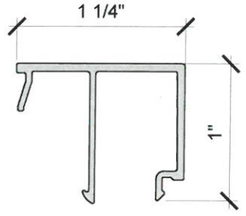
1 HEAD, SILL, SIDE JAMBS MOLDING EXTRUSION W72.0101E
SCALE: 1'-0" = 1'-0"



Material: Extruded Aluminum with Thermal Break

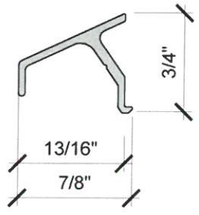
2 SASH MOLDING EXTRUSION W72.0203E
SCALE: 1'-0" = 1'-0"

TEST SPECIMEN COMPLIES
WITH THESE DETAILS
ANY DEVIATION IS NOTED
REPORT NO. I2254.01
TEST DATE: 5/15/18



Material: Extruded Aluminum

3 GLAZING BEAD EXTRUSION C48.0608
SCALE: 1'-0" = 1'-0"



Material: Extruded Aluminum

4 WATER DEFLECTOR EXTRUSION C48.0611
SCALE: 1'-0" = 1'-0"

CLIENT:

AluminTechno
ALUMINUM PROFILE SYSTEMS

PROJECT NAME:

21 5/16" X 25 5/16"
LIMITER TEST

PREPARED BY:

CAD SHOPS

PROJECT ADDRESS:

130 DERRY CT YORK, PA 17406

DATE	REVISION	#

APPROVED

CLIENT'S SIGNATURE _____

DATE ____/____/_____

SPECIAL NOTES:

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DRAWING TITLE:

INDIVIDUAL FRAME AND SASH COMPONENTS SECTIONS

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BY:____ DATE:_____

NOTE:_____

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BY:____ DATE:_____

NOTE:_____

DATE: 05.15.2018

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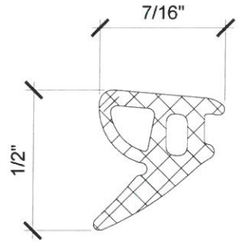
CHECKED BY: VP; AA

DRAWING No: B-002.00

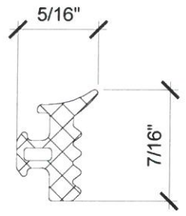
SIZE: B

TEST SPECIMEN COMPLIES
WITH THESE DETAILS
ANY DEVIATION IS NOTED
REPORT NO. E2284.01
TEST DATE: 5/15/18



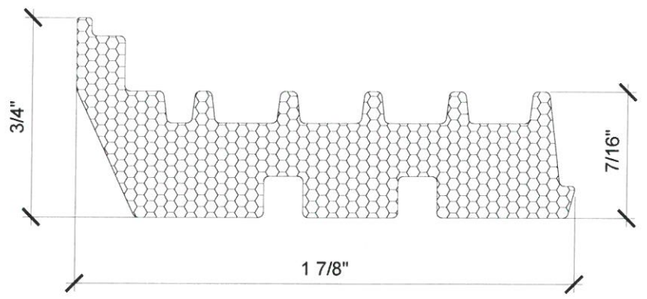
Material: Rubber

5 INTERIOR GASKET FRK67
SCALE: 2'-0" = 1'-0"



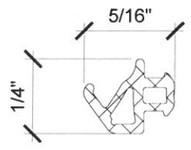
Material: Rubber

6 EXTERIOR GASKET FRK29-01
SCALE: 2'-0" = 1'-0"



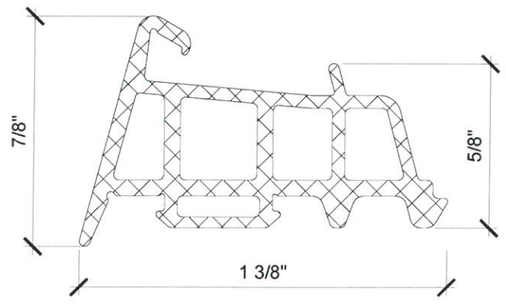
Material: PU

7 FOAM INSULATION W72.0911
SCALE: 2'-0" = 1'-0"



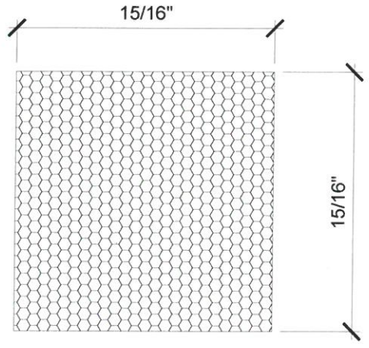
Material: Rubber

8 INTERIOR GASKET FRK98
SCALE: 2'-0" = 1'-0"



Material: Rubber

9 FRAME GASKET FRK63
SCALE: 2'-0" = 1'-0"



Material: PU

10 FOAM INSULATION
SCALE: 2'-0" = 1'-0"

CLIENT:
AluminTechno
ALUMINUM PROFILE SYSTEMS

PROJECT NAME:
21 5/16" X 25 5/16"
LIMITER TEST

PREPARED BY:
CAD SHOPS

PROJECT ADDRESS:
130 DERRY CT YORK, PA 17406

DATE	REVISION	#

APPROVED
CLIENT'S SIGNATURE _____
DATE ____/____/____

SPECIAL NOTES:
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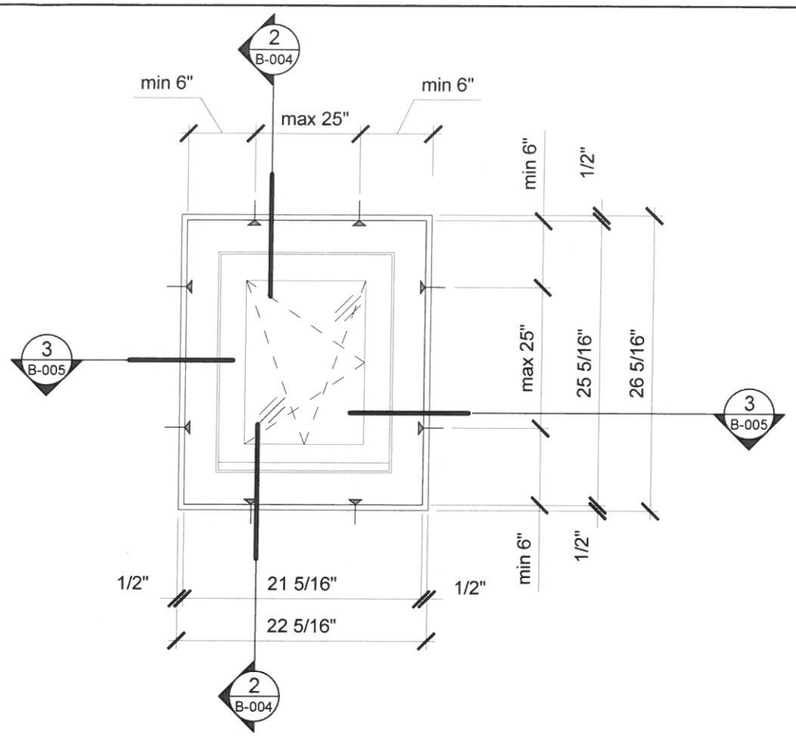
ALL DIMENSIONS TO BE FIELD VERIFIED PRIOR TO ANY FABRICATION.

DRAWING TITLE:
INDIVIDUAL FRAME AND SASH COMPONENTS SECTIONS

REVIEWED BY PROJECT MANAGER
BY:____ DATE:____
NOTE:____

DIMENSIONS FIELD VERIFIED
BY:____ DATE:____
NOTE:____

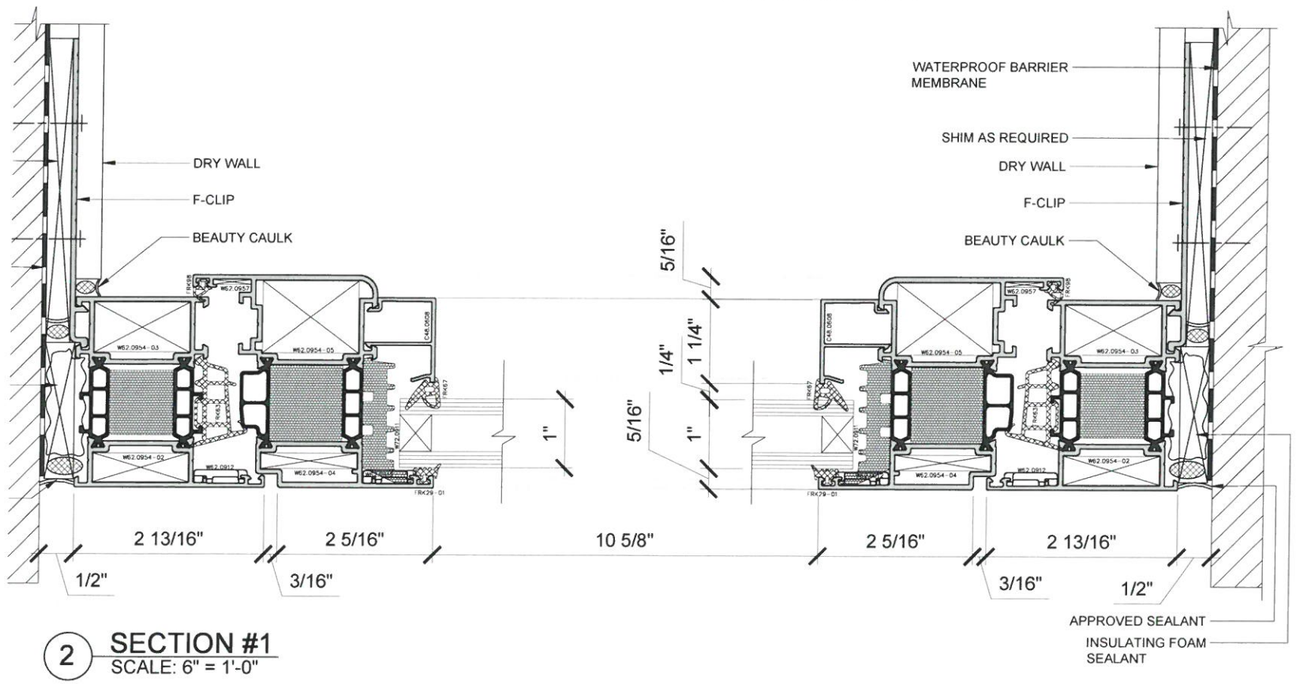
DATE: 05.15.2018
DRAWN BY: EG
CHECKED BY: VP; AA
DRAWING No: B-003.00
SIZE: B



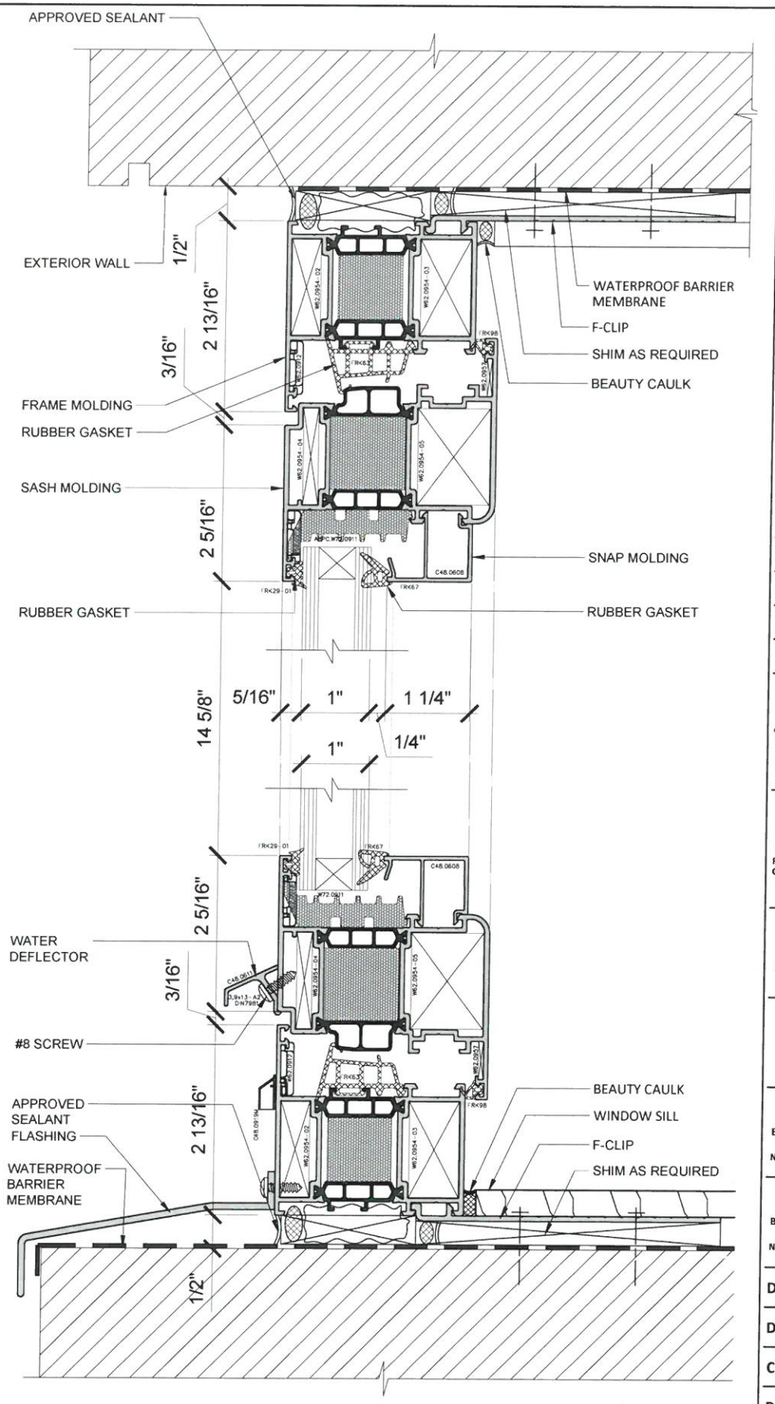
TEST SPECIMEN COMPLIES WITH THESE DETAILS ANY DEVIATION IS NOTED
REPORT NO. F2254.01
TEST DATE: 5/15/18

1 SCHEME OF F-CLIPS LOCATION
SCALE: 3/4" = 1'-0"

SYMBOL LEGEND:
- ANCHORING POINT



2 SECTION #1
SCALE: 6" = 1'-0"



3 SECTION #2
SCALE: 6" = 1'-0"

CLIENT:
AluminTechno
ALUMINUM PROFILE SYSTEMS

PROJECT NAME:
21 5/16" X 25 5/16"
LIMITER TEST

PREPARED BY:
CAD SHOPS

PROJECT ADDRESS:
130 DERRY CT YORK, PA 17406

DATE	REVISION	#

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DATE ____/____/____

SPECIAL NOTES:
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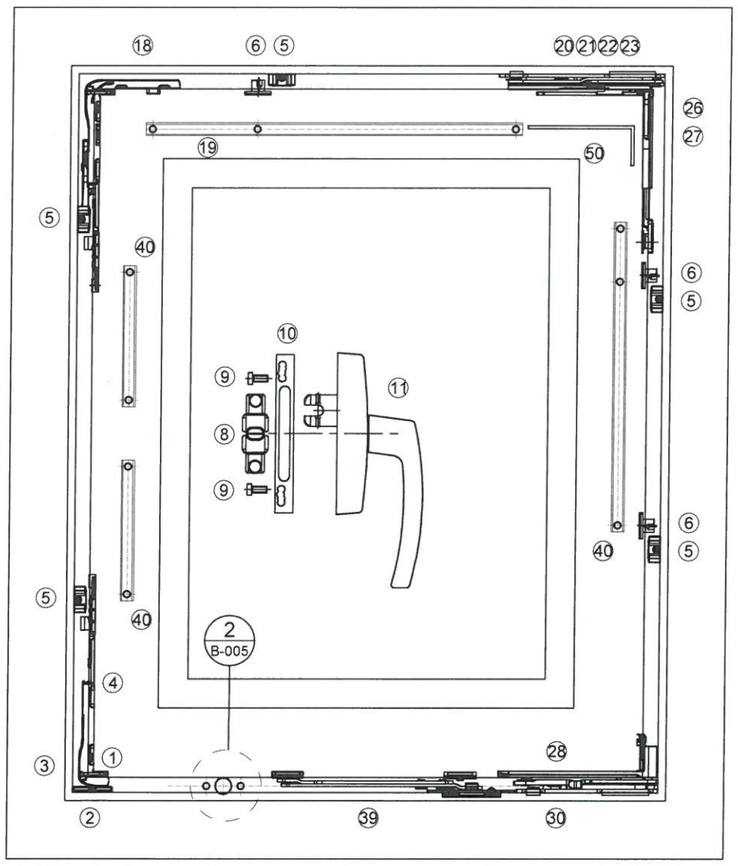
DRAWING TITLE:
INSTALLATION DETAILS

REVIEWED BY PROJECT MANAGER
BY:_____ DATE:_____
NOTE:_____

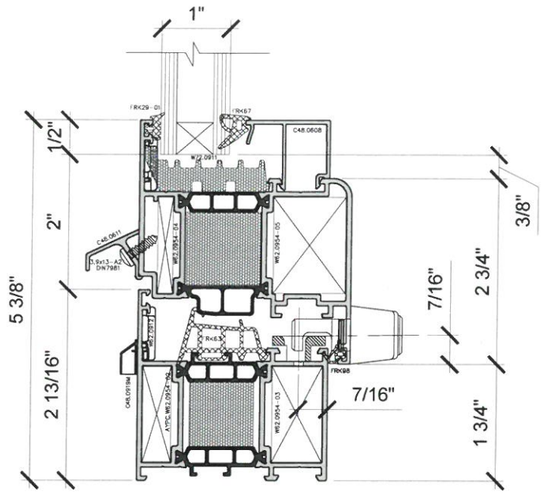
DIMENSIONS FIELD VERIFIED
BY:_____ DATE:_____
NOTE:_____

DATE: 05.15.2018
DRAWN BY: EG
CHECKED BY: VP; AA

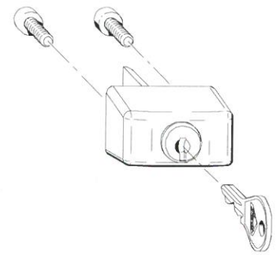
DRAWING No: **B-004.00** | SIZE: B



1 HARDWARE DIAGRAM
SCALE: 3" = 1'-0"



2 WINDOW LOCK DETAIL
SCALE: 6" = 1'-0"



TEST SPECIMEN COMPLIES WITH THESE DETAILS
ANY DEVIATION IS NOTED
REPORT NO. I-2284.01
TEST DATE: 5/15/18

(1)(2)(3)(4)(5)(6)(18) locking elements kit - art. 728804

(5) strike plate - art. 728918

(6) locking element, snap in - art. 334671

(8) T-receptor - art. 334574

(9)(10) handle bearing - art. 331937

(11) handle ROTO LINE - art. 377400

(19)(20)(21)(22)(23) compass arm 390 - art. 740852 (R)

(28)(30) hinge group - art. 739699 (R) / 624973 (R)

(26)(27)(5)(6) corner switch MV art. 728842 - 1 pcs

(40) rod profile - art. AYPC.W62.0607

(50) groove corner VTC - art. AYPC.W62.0968 - 1 pcs

(39) opening stop - art. 740814

CLIENT:
AluminTechno
ALUMINUM PROFILE SYSTEMS

PROJECT NAME:
21 5/16" X 25 5/16"
LIMITER TEST

PREPARED BY:
CAD SHOPS

PROJECT ADDRESS:
130 DERRY CT YORK, PA 17406

DATE	REVISION	#

APPROVED
CLIENT'S SIGNATURE _____
DATE ____/____/____

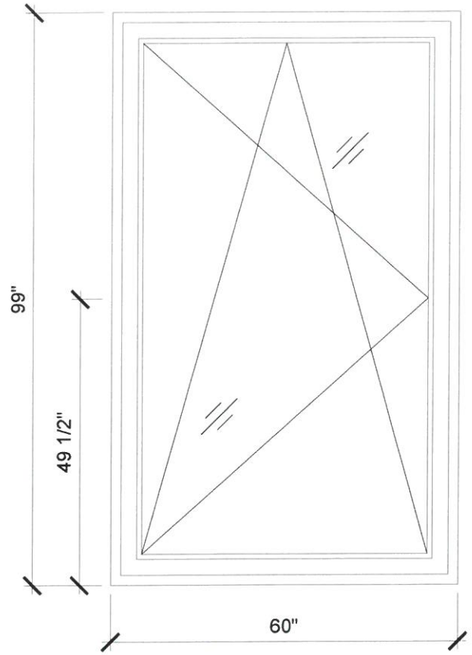
SPECIAL NOTES:
DO NOT SCALE DRAWINGS
ALL DIMENSIONS TO BE FIELD VERIFIED PRIOR TO ANY FABRICATION.

DRAWING TITLE:
HARDWARE DETAILS

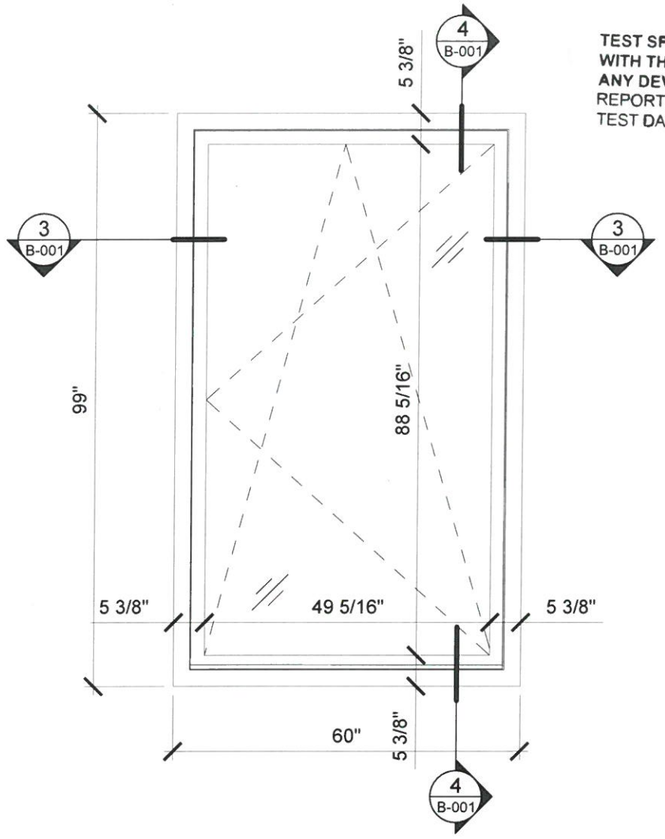
REVIEWED BY PROJECT MANAGER
BY:____ DATE:_____
NOTE:_____

DIMENSIONS FIELD VERIFIED
BY:____ DATE:_____
NOTE:_____

DATE: 05.15.2018
DRAWN BY: EG
CHECKED BY: VP; AA
DRAWING No: B-005.00
SIZE: B

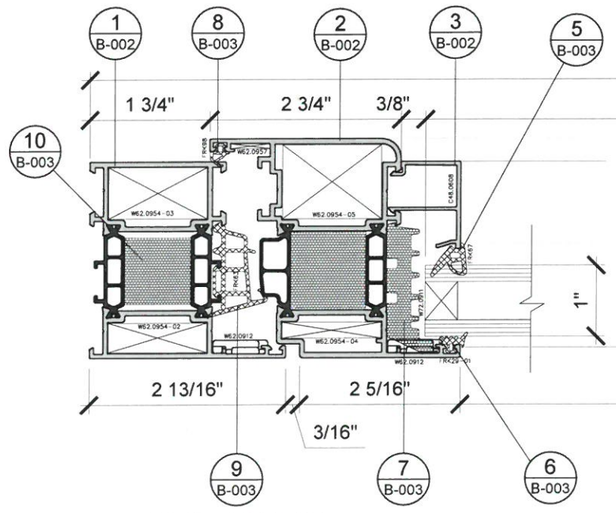


1 WINDOW ELEVATION INTERIOR VIEW
SCALE: 1/2" = 1'-0"

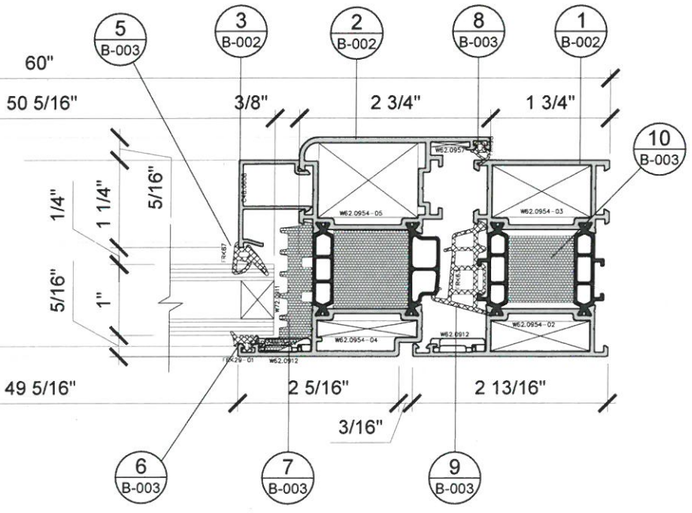


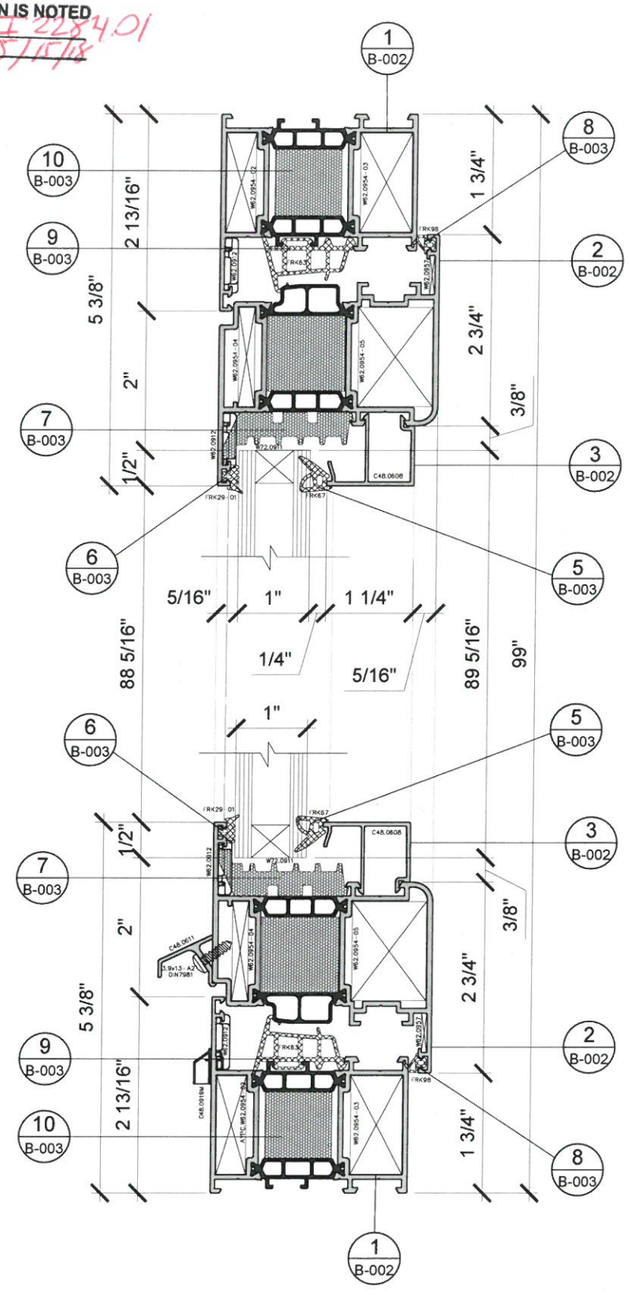
2 WINDOW ELEVATION EXTERIOR VIEW
SCALE: 1/2" = 1'-0"

TEST SPECIMEN COMPLIES WITH THESE DETAILS
ANY DEVIATION IS NOTED
REPORT NO. I-2284.01
TEST DATE: 5/15/18



3 SECTION #1
SCALE: 6" = 1'-0"





4 SECTION #2
SCALE: 6" = 1'-0"

CLIENT:
AluminTechno
ALUMINUM PROFILE SYSTEMS

PROJECT NAME:
60" X 99" LIMITER TEST

PREPARED BY:
CAD SHOPS

PROJECT ADDRESS:
130 DERRY CT YORK, PA 17406

DATE	REVISION	#

APPROVED
CLIENT'S SIGNATURE _____
DATE ____/____/_____

SPECIAL NOTES:
DO NOT SCALE DRAWINGS
ALL DIMENSIONS TO BE FIELD VERIFIED PRIOR TO ANY FABRICATION.

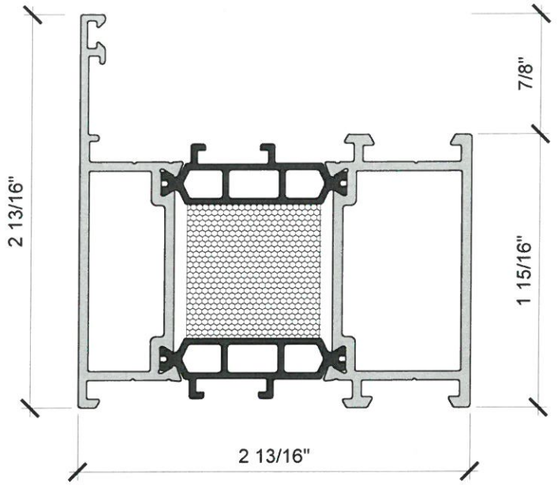
DRAWING TITLE:
ASSEMBLY DRAWING AND SECTIONS

REVIEWED BY PROJECT MANAGER
BY:_____ DATE:_____
NOTE:_____

DIMENSIONS FIELD VERIFIED
BY:_____ DATE:_____
NOTE:_____

DATE: 05.15.2018
DRAWN BY: EG
CHECKED BY: VP; AA

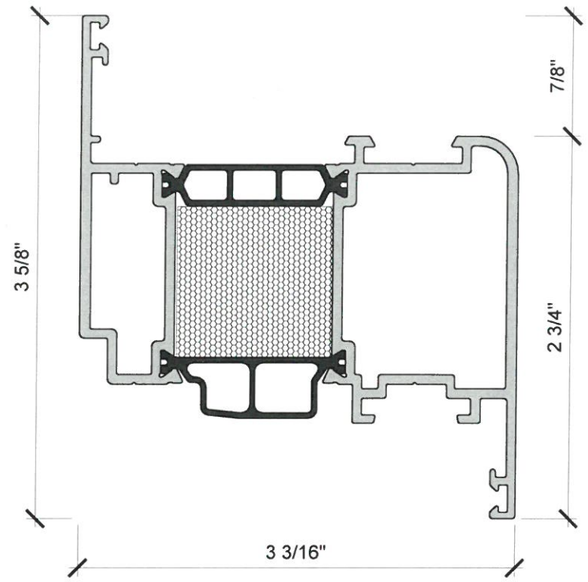
DRAWING No: **B-001.00** SIZE: B



Material: Extruded Aluminum with Thermal Break

HEAD, SILL, SIDE JAMBS MOLDING EXTRUSION W72.0103E

1 SCALE: 1'-0" = 1'-0"



Material: Extruded Aluminum with Thermal Break

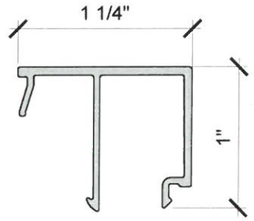
SASH MOLDING EXTRUSION W72.0203E

2 SCALE: 1'-0" = 1'-0"

TEST SPECIMEN COMPLIES WITH THESE DETAILS ANY DEVIATION IS NOTED

REPORT NO. I2284.01

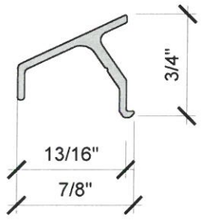
TEST DATE: 5/10/18



Material: Extruded Aluminum

GLAZING BEAD EXTRUSION C48.0608

3 SCALE: 1'-0" = 1'-0"



Material: Extruded Aluminum

WATER DEFLECTOR EXTRUSION C48.0611

4 SCALE: 1'-0" = 1'-0"

CLIENT:

AluminTechno

PROJECT NAME:

60" X 99" LIMITER TEST

PREPARED BY:

CAD SHOPS

PROJECT ADDRESS:

130 DERRY CT YORK, PA 17406

DATE	REVISION	#

APPROVED

CLIENT'S SIGNATURE _____

DATE ____/____/_____

SPECIAL NOTES:

DO NOT SCALE DRAWINGS

ALL DIMENSIONS TO BE FIELD VERIFIED PRIOR TO ANY FABRICATION.

DRAWING TITLE:

INDIVIDUAL FRAME AND SASH COMPONENTS SECTIONS

REVIEWED BY PROJECT MANAGER

BY:____ DATE:_____

NOTE:_____

DIMENSIONS FIELD VERIFIED

BY:____ DATE:_____

NOTE:_____

DATE: 05.15.2018

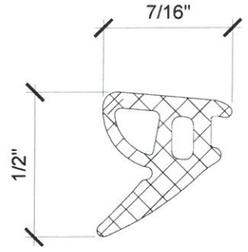
DRAWN BY: EG

CHECKED BY: VP; AA

DRAWING No: | SIZE: B

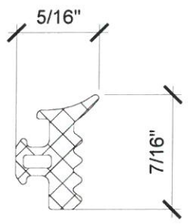
B-002.00

TEST SPECIMEN COMPLIES
WITH THESE DETAILS
ANY DEVIATION IS NOTED
REPORT NO. 122547.01
TEST DATE: 5/15/18



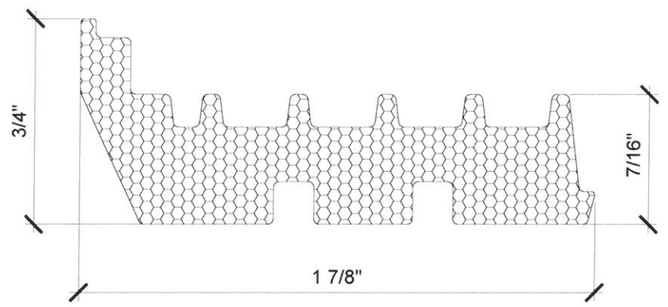
Material: Rubber

5 INTERIOR GASKET FRK67
SCALE: 2'-0" = 1'-0"



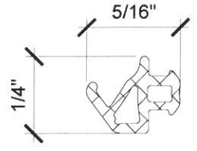
Material: Rubber

6 EXTERIOR GASKET FRK29-01
SCALE: 2'-0" = 1'-0"



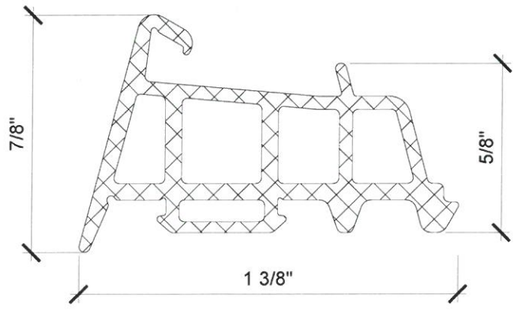
Material: PU

7 FOAM INSULATION W72.0911
SCALE: 2'-0" = 1'-0"



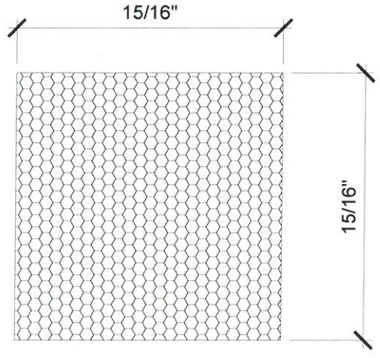
Material: Rubber

8 INTERIOR GASKET FRK98
SCALE: 2'-0" = 1'-0"



Material: Rubber

9 FRAME GASKET FRK63
SCALE: 2'-0" = 1'-0"



Material: PU

10 FOAM INSULATION
SCALE: 2'-0" = 1'-0"

CLIENT:
AluminTechno
ALUMINUM PROFILE SYSTEMS

PROJECT NAME:
60" X 99" LIMITER TEST

PREPARED BY:
CAD SHOPS

PROJECT ADDRESS:
130 DERRY CT YORK, PA 17406

DATE	REVISION	#

APPROVED
CLIENT'S SIGNATURE _____
DATE ____ /____ /_____

SPECIAL NOTES:
DO NOT SCALE DRAWINGS
ALL DIMENSIONS TO BE FIELD VERIFIED PRIOR TO ANY FABRICATION.

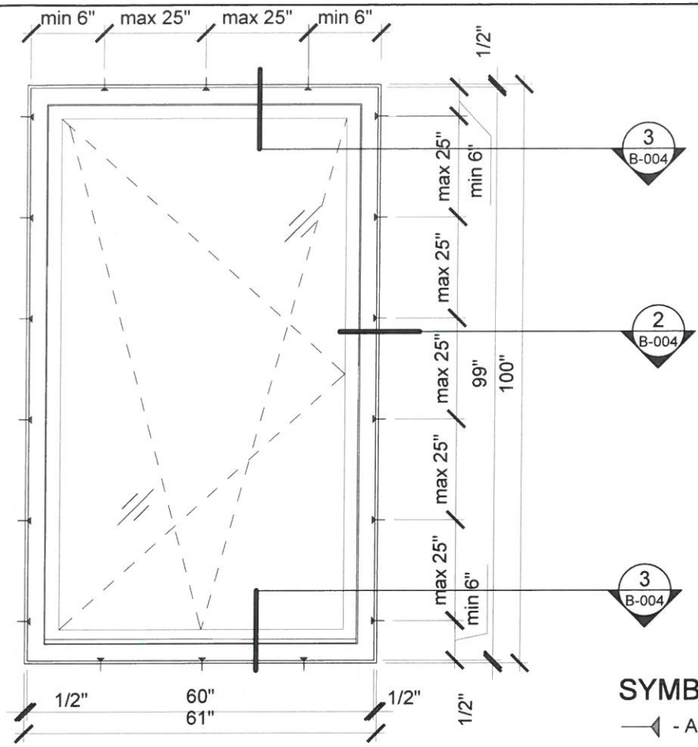
DRAWING TITLE:
INDIVIDUAL FRAME AND SASH COMPONENTS SECTIONS

REVIEWED BY PROJECT MANAGER
BY:_____ DATE:_____
NOTE:_____

DIMENSIONS FIELD VERIFIED
BY:_____ DATE:_____
NOTE:_____

DATE: 05.15.2018
DRAWN BY: EG
CHECKED BY: VP; AA

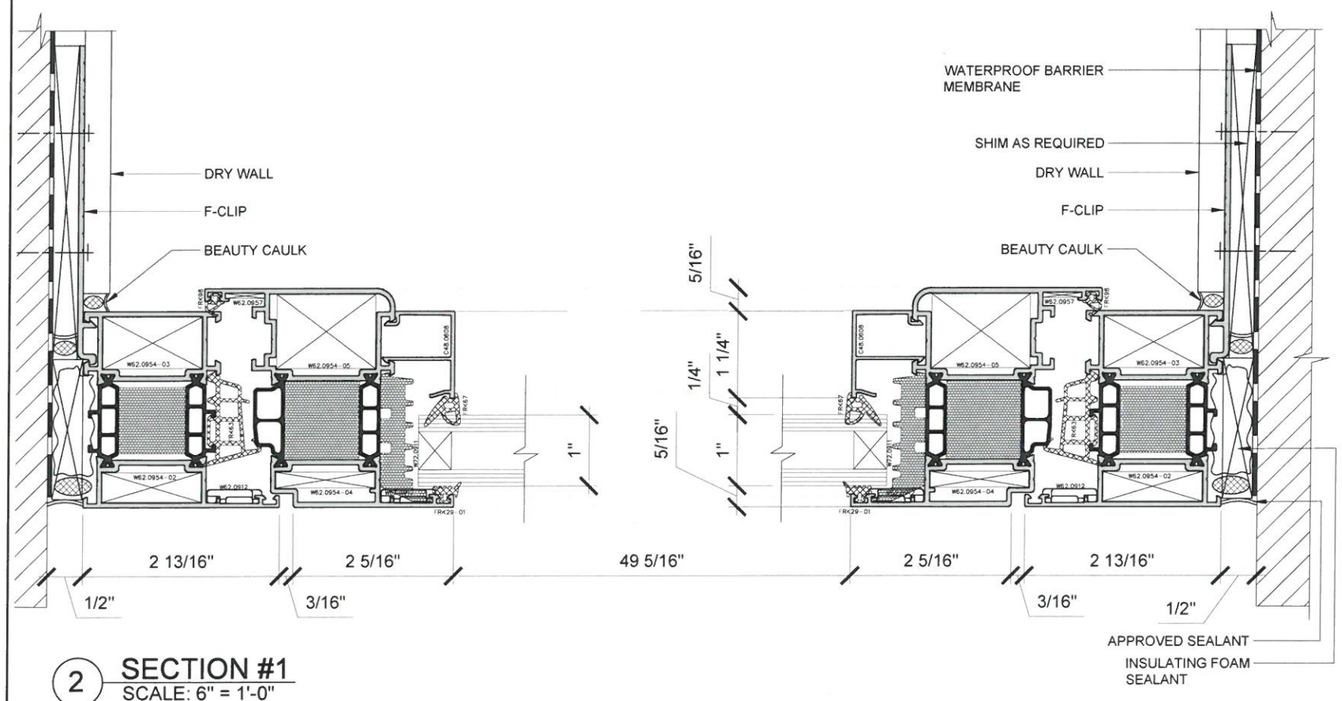
DRAWING No: B-003.00
SIZE: B



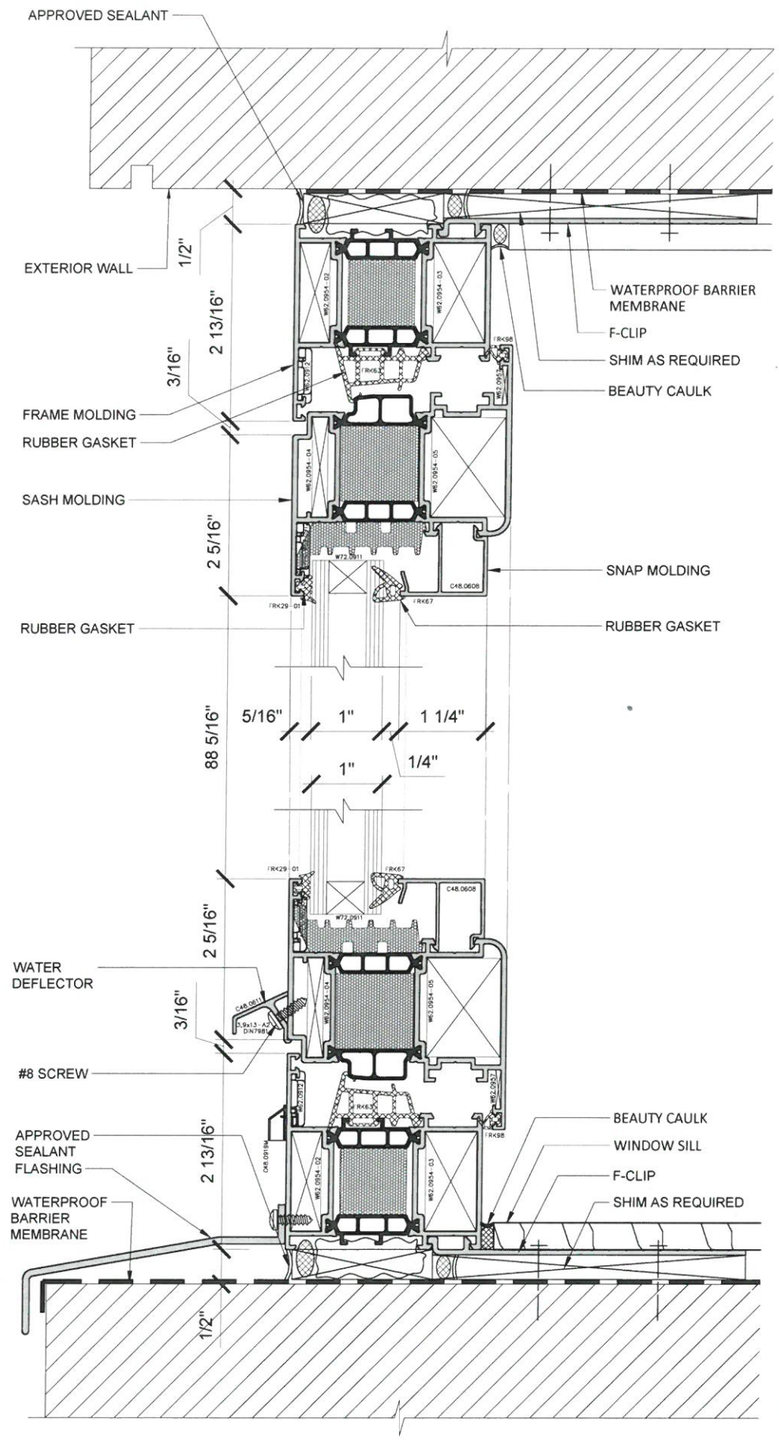
1 SCHEME OF F-CLIPS LOCATION
SCALE: 3/4" = 1'-0"

TEST SPECIMEN COMPLIES WITH THESE DETAILS ANY DEVIATION IS NOTED
REPORT NO. I-2254-01
TEST DATE: 5/15/18

SYMBOL LEGEND:
- ANCHORING POINT



2 SECTION #1
SCALE: 6" = 1'-0"



3 SECTION #2
SCALE: 6" = 1'-0"

CLIENT:
AluminTechno
ALUMINIUM PROFILE SYSTEMS

PROJECT NAME:
60" X 99" LIMITER TEST

PREPARED BY:
CAD SHOPS

PROJECT ADDRESS:
130 DERRY CT YORK, PA 17406

DATE	REVISION	#

APPROVED
CLIENT'S SIGNATURE _____
DATE ____/____/____

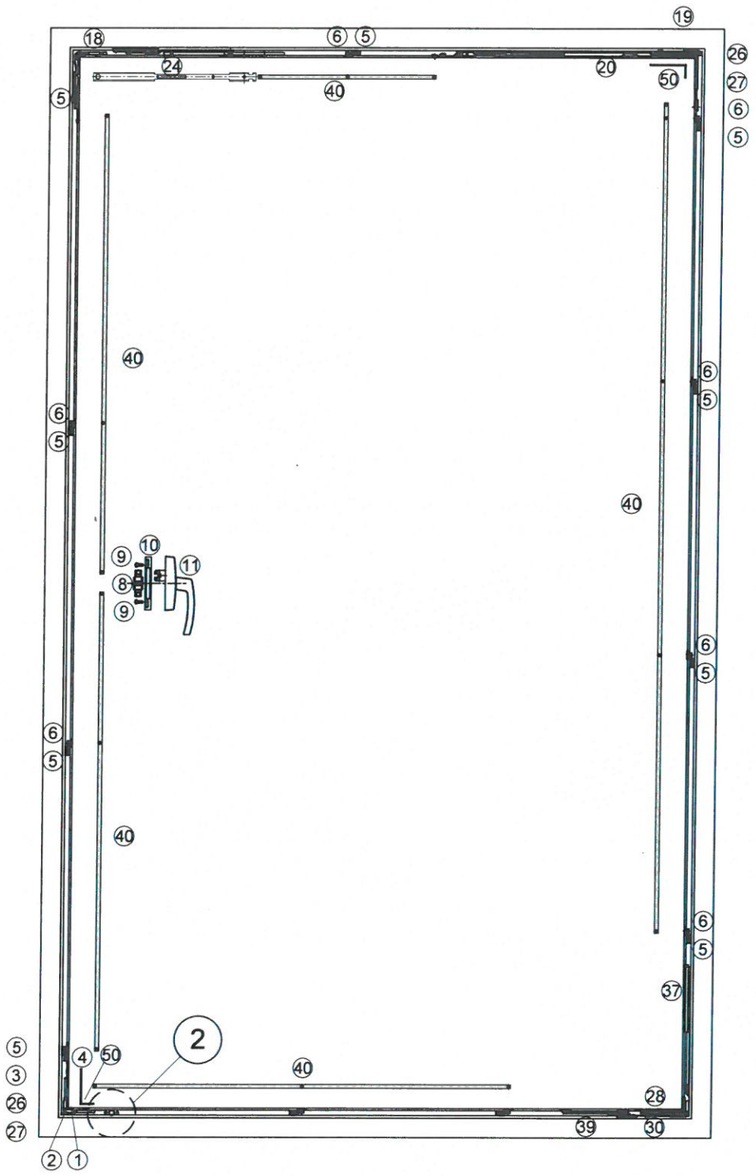
SPECIAL NOTES:
DO NOT SCALE DRAWINGS
ALL DIMENSIONS TO BE FIELD VERIFIED PRIOR TO ANY FABRICATION.

DRAWING TITLE:
INSTALLATION DETAILS

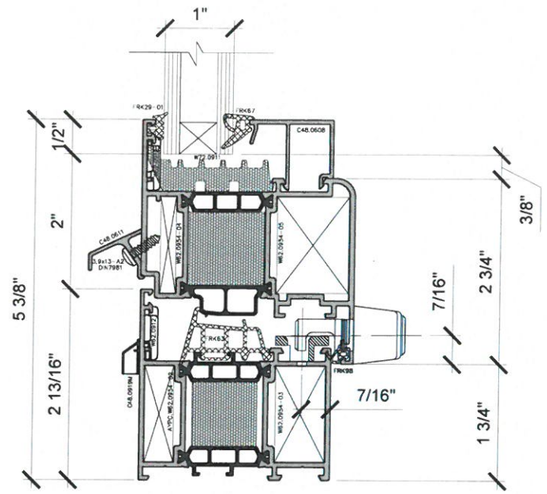
REVIEWED BY PROJECT MANAGER
BY:____ DATE:____
NOTE:____

DIMENSIONS FIELD VERIFIED
BY:____ DATE:____
NOTE:____

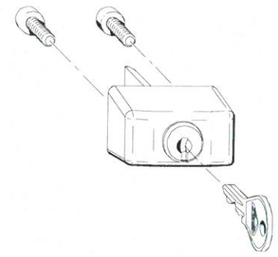
DATE: 05.15.2018
DRAWN BY: EG
CHECKED BY: VP; AA
DRAWING No: B-004.00
SIZE: B



1 HARDWARE DIAGRAM
SCALE: 1" = 1'-0"



2 WINDOW LOCK DETAIL
SCALE: 6" = 1'-0"



TEST SPECIMEN COMPLIES
WITH THESE DETAILS
ANY DEVIATION IS NOTED
REPORT NO. I2284.01
TEST DATE: 5/15/16

(1)(2)(3)(4)(5)(6)(18) locking elements kit - art. 728804

(5) strike plate - art. 728918

(6) locking element, snap in - art. 334671

(8) T-receptor - art. 334574

(9)(10) handle bearing - art. 331937

(11) handle ROTO LINE - art. 377400

(19)(20) compass arm 735 - art. 624958 (R) / 740838 (R)

(28)(30) hinge group - art. 739699 (R) / 624973 (R)

(26)(27)(5)(6) corner switch MV art. 728842 - 2 pcs

(40) rod profile - art. AYPC.W62.0607

(50) groove corner VTC - art. AYPC.W62.0968 - 2 pcs

(37) reinforcement kit up to 150 kg - art. 739693 (R)

(39) opening stop - art. 740814

CLIENT:
AluminTechno
ALUMINIUM PROFILE SYSTEMS

PROJECT NAME:
60" X 99" LIMITER TEST

PREPARED BY:
CAD SHOPS

PROJECT ADDRESS:
130 DERRY CT YORK, PA 17406

DATE	REVISION	#

APPROVED

CLIENT'S SIGNATURE _____

DATE ____/____/_____

SPECIAL NOTES:

DO NOT SCALE DRAWINGS

ALL DIMENSIONS TO BE FIELD VERIFIED PRIOR TO ANY FABRICATION.

DRAWING TITLE:

HARDWARE DETAILS

REVIEWED BY PROJECT MANAGER

BY:_____ DATE:_____

NOTE:_____

DIMENSIONS FIELD VERIFIED

BY:_____ DATE:_____

NOTE:_____

DATE: 05.15.2018

DRAWN BY: EG

CHECKED BY: VP; AA

DRAWING No: B-005.00

SIZE: B

145 Sherwood Avenue
Farmingdale, NY 11735

Telephone: 631-815-1920
Facsimile: 631-815-1901
www.intertek.com/building

SECTION 12
REVISION LOG

REVISION #	DATE	PAGES	REVISION
0	09/12/18	N/A	Original Report Issue
1	09/17/18	2	Client address
		4	Product size; numerical conversions
		5	Day light opening; numerical conversions
		6	Limit stop device; revised serial # per specimen