

# FRAMELESS HARDWARE COMPANY LLC. TEST REPORT

**SCOPE OF WORK**

AAMA/WDMA/CSA 101/I.S.2/A440 TESTING ON SERIES = FHC G50 BI-FOLD DOOR – FOLDING DOOR

**REPORT NUMBER**

R6030.01-303-44 R0

**TEST DATES**

12/06/24 - 12/10/24

**ISSUE DATE**

12/11/24

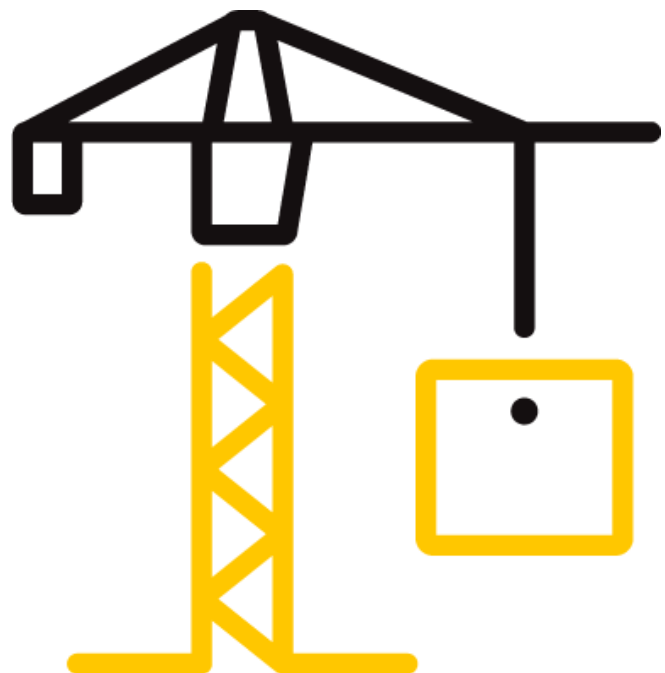
**PAGES**

37

**DOCUMENT CONTROL NUMBER**

RT-R-AMER-Test-2804 (06/21/24)

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## TEST REPORT FOR FRAMELESS HARDWARE COMPANY LLC.

Report No.: R6030.01-303-44 R0

Date: 12/11/24

### REPORT ISSUED TO

#### FRAMELESS HARDWARE COMPANY LLC.

4361 Firestone Blvd.  
South Gate, CA 90280

### SECTION 1

#### SCOPE

Architectural Testing, Inc. (an Intertek company) dba Intertek Building & Construction (B&C) was contracted by Frameless Hardware Company LLC. - 4361 Firestone Blvd. South Gate, CA 90280 to perform testing in accordance with AAMA/WDMA/CSA 101/I.S.2/A440 on their Series = FJHC G50 Bi-fold Door -Folding Door. Results obtained are tested values and were secured by using the designated test methods. Testing was conducted at the Intertek Inc. test facility in Lake Forest, CA 92630.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory. Intertek B&C will service this report for the entire test record retention period. The test record retention period ends four years after the test date. Test records, such as detailed drawings, datasheets, or other pertinent project documentation, will be retained for the entire test record retention period.

Unless differently required, Intertek reports apply the "Simple Acceptance" rule, also called "Shared Risk approach," of ILAC-G8:09/2019, Guidelines on Decision Rules and Statements of Conformity.

For INTERTEK B&C:

<b>COMPLETED BY:</b>	Benjamin Johns	<b>REVIEWED BY:</b>	Tyler Westerling P.E.
<b>TITLE:</b>	Project Manager Building and Construction	<b>TITLE:</b>	Regional Manager Building and Construction
<b>SIGNATURE:</b>		<b>SIGNATURE:</b>	
<b>DATE:</b>	12/11/24	<b>DATE:</b>	12/11/24

BAJ

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**TEST REPORT FOR FRAMELESS HARDWARE COMPANY LLC.**

Report No.: R6030.01-303-44 R0

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**SECTION 2**

**SUMMARY OF TEST RESULTS**

TITLE	RESULTS
AAMA/WDMA/CSA 101/I.S.2/A440-22	Class LC – PG35 Limited Water: Size Tested 2160mm X 3050mm (08.04” X 120.08”)
Design Pressure	±1680 Pa (±35.09 psf)
Negative Design Pressure	-1680 Pa (-35.09 psf)
Air Infiltration	0.61 L/s/m <sup>2</sup> (<0.13 cfm/ft <sup>2</sup> )
Air Exfiltration	<0.05 L/s/m <sup>2</sup> (<0.01 cfm/ft <sup>2</sup> )
Water Penetration Resistance Test Pressure	000 Pa (00.00 psf)

**TEST SPECIFICATIONS/METHODS**

The specimens were evaluated in accordance with the following:

**AAMA/WDMA/CSA 101/I.S.2/A440:22**, *North American Fenestration Standard/Specification for Windows, Doors, and Skylights*

The following test methods were used during testing:

**ASTM E283/E283M-19**, *Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Skylights, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen*

**ASTM E330/E330M-14(2021)**, *Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference*

**ASTM E547-00(2016)**, *Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Difference*

**ASTM E987-88(2017)**, *Standard Test Methods for Deglazing Force of Fenestration Products*

**ASTM E2068-00(2022)**, *Standard Test Method for Determination of Operating Force of Sliding Windows and Doors*

## TEST REPORT FOR FRAMELESS HARDWARE COMPANY LLC.

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### SECTION 3

#### MATERIAL SOURCE/INSTALLATION

Test specimen was provided by the client. Representative samples of the test specimen will be retained by Intertek B&C for a minimum of two years from the test completion date.

The specimen was installed into a Douglas-Fir wood buck. The rough opening allowed for a 1/4" shim space and the exterior perimeter of the specimen was sealed to the test buck. The installation of the tested product was performed by the client.

LOCATION	ANCHOR DESCRIPTION	ANCHOR SPACING
Head	#10 X 3" flat head Philips wood screw	3" from corners and 10" on center.
Jambs	#10 X 3" flat head Philips wood screw	4" from corner and 12" on center
Sill	#10 X 3" flat head Philips wood screw	5" from corner 12" on center

### SECTION 4

#### EQUIPMENT

EQUIPMENT	ASSET NUMBER	CALIBRATION DUE DATE
Force Gauge	005555	8/27/25

### SECTION 5

#### LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Marco Ramirez	Frameless Hardware Company LLC.
Technician Name	Intertek B&C

## TEST REPORT FOR FRAMELESS HARDWARE COMPANY LLC.

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### SECTION 6

#### TEST SPECIMEN DESCRIPTION

**Product Type:** Folding Door

**Series/Model:** FHC G50 Bi-fold Door

#### Product Size:

##### Test Specimen #1

OVERALL AREA:	WIDTH		HEIGHT	
	millimeters	inches	millimeters	inches
7.86 m <sup>2</sup> (84.60 ft <sup>2</sup> )				
Overall Size	2610	102.76	3050	120.08
Right panel (inside-view)	841	33.11	2956	116.38
Middle Panel (inside-view)	841	33.11	2956	116.38
Left panel (inside-view)	841	33.11	2956	116.38

#### Frame Construction:

MEMBER	MATERIAL	DESCRIPTION
Head	Aluminum	Extruded
Sill	Aluminum	Extruded
Jambs	Aluminum	Extruded

	JOINERY TYPE	DETAIL
All corners	Rebate	Attached with screws

## TEST REPORT FOR FRAMELESS HARDWARE COMPANY LLC.

Report No.: R6030.01-303-44 R0

Date: 12/11/24

### Panel Construction:

MEMBER	MATERIAL	DESCRIPTION
Head	Aluminum	Extruded
Sill	Aluminum	Extruded
Jambs	Aluminum	Extruded

	JOINERY TYPE	DETAIL
All corners	Mitred	Attached with screws

**Reinforcement:** *No reinforcement was utilized.*

### Weatherstripping:

DESCRIPTION	QUANTITY	LOCATION
Rubber Gasket	1	The perimeter of the frame
Flap Gasket	1	At the right jamb head and the sill of the right panel (inside view)
Flap Gasket	1	At the head and sill of the middle panel (inside view)
Rubber Gasket	1	At the left jamb of the left panel (inside view)
Rubber Gasket	2	1 at the right jamb of the middle panel and one at the left jamb of the middle panel (inside view)
Rubber Gasket	2	1 at both jambs of the right panel (inside view)

**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
1-3/16" IG	Aluminum Butyl	3/16" Tempered	1/4" Tempered	Dry glazed interior and exterior

LOCATION	QUANTITY	DAYLIGHT OPENING		GLASS BITE
		millimeters	inches	
Right panel (inside view)	1	762 X 2882	30 X 113.46	1/2"
Middle Panel (inside view)	1	762 X 2882	30 X 113.46	1/2"
Left panel (inside view)	1	762 X 2882	30 X 113.46	1/2"

## TEST REPORT FOR FRAMELESS HARDWARE COMPANY LLC.

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**Drainage:** *No drainage was utilized.*

### Hardware:

DESCRIPTION	QUANTITY	LOCATION
Lock	1	76" on center from the head on the right jamb of the right panel (inside view)
Lock	1	76" on center from the head on the right jamb of the left panel (inside view)
Pivot hardware	4	1 at the head and sill of the left jamb of the right panel and 1 at the head and sill of the right jamb of the left panel. (inside view)
		1 @ 4" 1 @ 58-1/2" 1 @ 110" on the left jamb of the left panel. (inside view)
Hinge	9	1 @ 3-1/2 1 @ 58-1/2" 1 @ 113 1/2" on both jambs of the middle panel attaching to the corresponding left and right panel (inside view)

**TEST REPORT FOR FRAMELESS HARDWARE COMPANY LLC.**

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**SECTION 7**

**TEST RESULTS**

The temperature during testing was (46 -65°F) The results are tabulated as follows:

**Test Specimen #1:**

TITLE OF TEST	RESULTS	ALLOWED	NOTE
<b>Operating Force,</b> per ASTM E2068	Latches: 57.83 N (13.00 lbf)	100 N (22.48 lbf) max	
<b>Air Leakage,</b> Infiltration per ASTM E283 at 75 Pa (1.57 psf)	<0.61 L/s/m <sup>2</sup> (<0.13 cfm/ft <sup>2</sup> )	1.5 L/s/m <sup>2</sup> (0.3 cfm/ft <sup>2</sup> ) max.	1, 2
<b>Air Leakage,</b> Exfiltration per ASTM E283 at 75 Pa (1.57 psf)	<0.05 L/s/m <sup>2</sup> (<0.01 cfm/ft <sup>2</sup> )	1.5 L/s/m <sup>2</sup> (0.3 cfm/ft <sup>2</sup> ) max.	1, 2
<b>Water Penetration,</b> per ASTM E547 at 00 Pa (0.00 psf)	Pass	No leakage	3
<b>Uniform Load Deflection,</b> per ASTM E330 Deflections taken at the right meeting stile +1920 Pa (+40.10 psf) -1920 Pa (-40.10 psf)	33.02 mm (<1.30") 33.53 mm (1.32")	Report only Report only	4,5,6,7
<b>Uniform Load Structural,</b> per ASTM E330 Permanent set taken at the right meeting stile +2520 Pa (+52.63 psf) -2520 Pa (-52.63 psf)	1.02 mm (<0.04") 2.03 mm (<0.08")	11.68 mm (0.46") max. 11.68 mm (0.46") max.	4,5,6,7
<b>Deglazing,</b> per ASTM E987 Operating direction, 320 N (70 lbf) Remaining direction, 230 N (50 lbf)	Pass Pass	Meets as stated Meets as stated	



## TEST REPORT FOR FRAMELESS HARDWARE COMPANY LLC.

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*Note 1: The tested specimen meets (or exceeds) the performance levels specified in AAMA/WDMA/CSA 101/I.S.2/A440 for air leakage resistance.*

*Note 2: Test Date 12/09/24 / Time: 7:00 AM (Air Note Only)*

*Note 3: Without an insect screen.*

*Note 4: The client opted to start at a pressure higher than the minimum required. Test results are reported under Optional Performance.*

*Note 5: The deflections reported are not limited by AAMA/WDMA/CSA 101/I.S.2/A440 for this product designation. The deflection data is recorded in this report for special code compliance and information only.*

*Note 6: Loads were held for 10 seconds.*

*Note 7: Tape and film were used to seal against air leakage during structural testing. In our opinion, the tape and film did not influence the results of the test.*

## TEST REPORT FOR FRAMELESS HARDWARE COMPANY LLC.

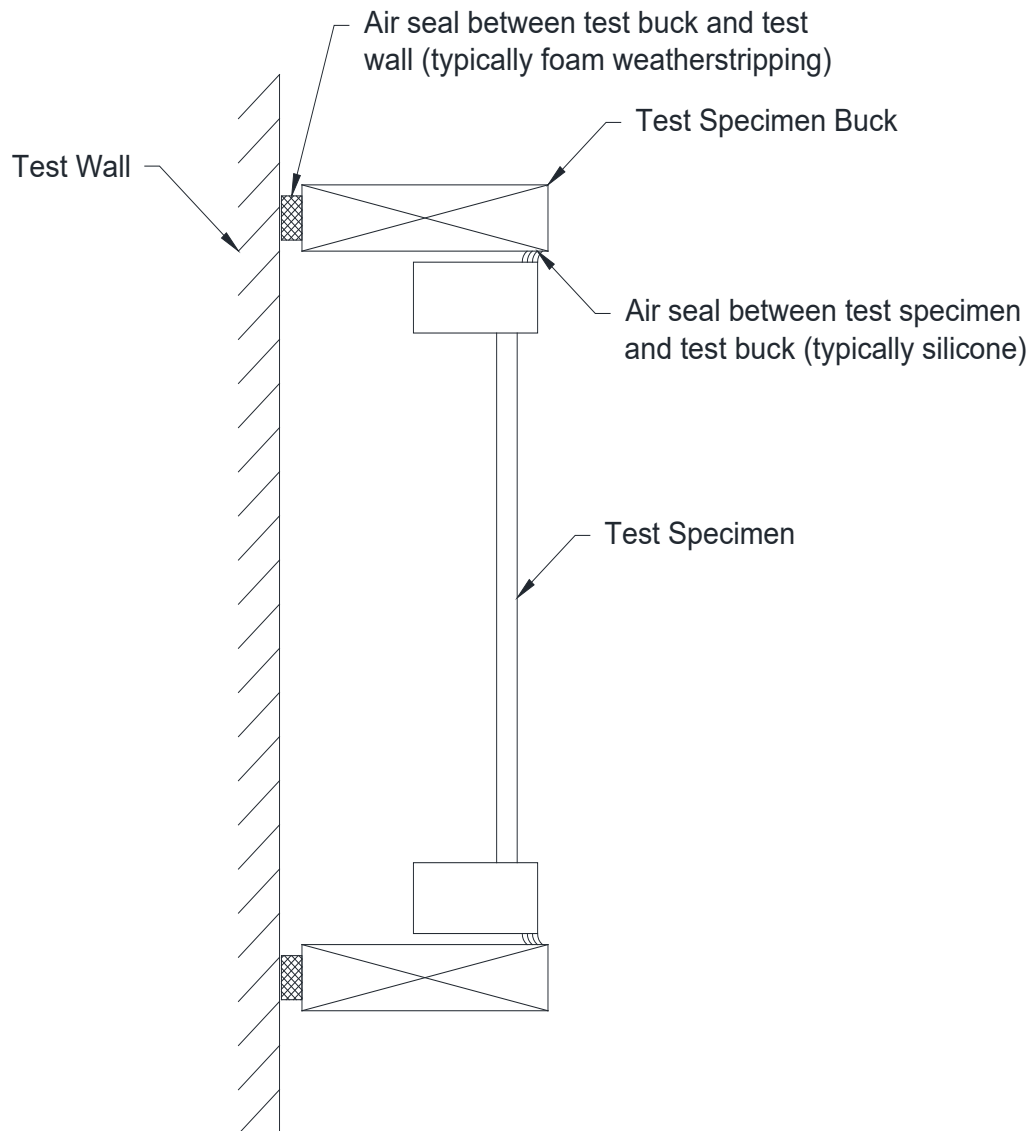
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Date: 12/11/24

### SECTION 8

#### LOCATION OF AIR SEAL

The air seal between the test specimen and the test wall is detailed below. The seal is made of foam weatherstripping and is attached to the edge of the test specimen buck. The test specimen buck is placed against the test wall and clamped in place, compressing the weatherstripping and creating a seal.



## TEST REPORT FOR FRAMELESS HARDWARE COMPANY LLC.

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### SECTION 9

#### CONCLUSION

The specimens tested successfully met the performance requirements for the following ratings:

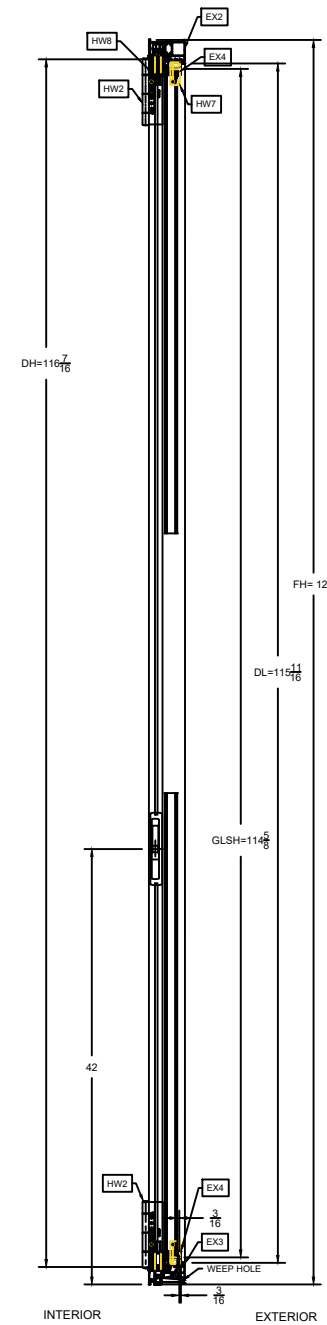
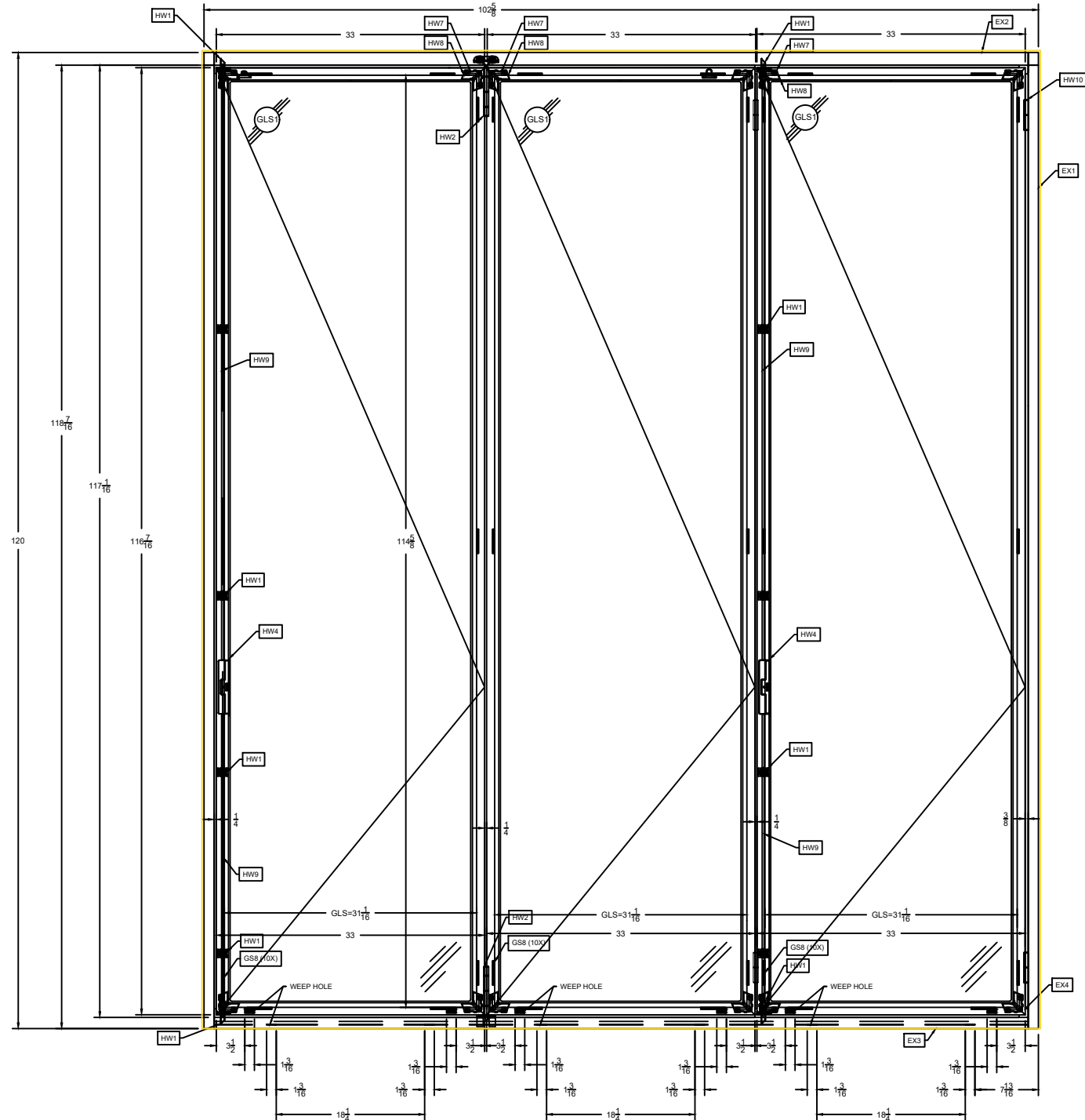
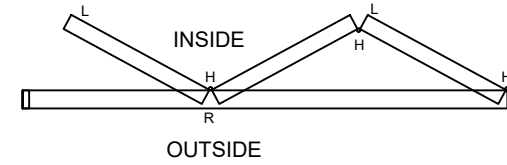
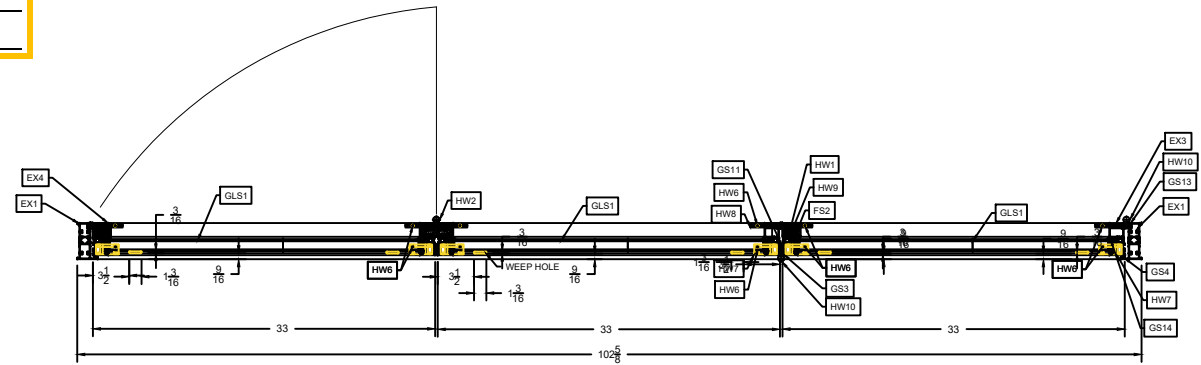
TEST SPECIMEN	TITLE	SUMMARY OF RESULTS
1	AAMA/WDMA/CSA 101/I.S.2/A440:22	Class LC – PG35 Limited Water: Size Tested 2160mm X 3050mm (08.04" X 120.08")

### SECTION 10

#### DRAWINGS

The test specimen drawings have been reviewed by Intertek B&C and are representative of the test specimen 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.

**Note:** Complete drawings packet on file with Intertek B&C.



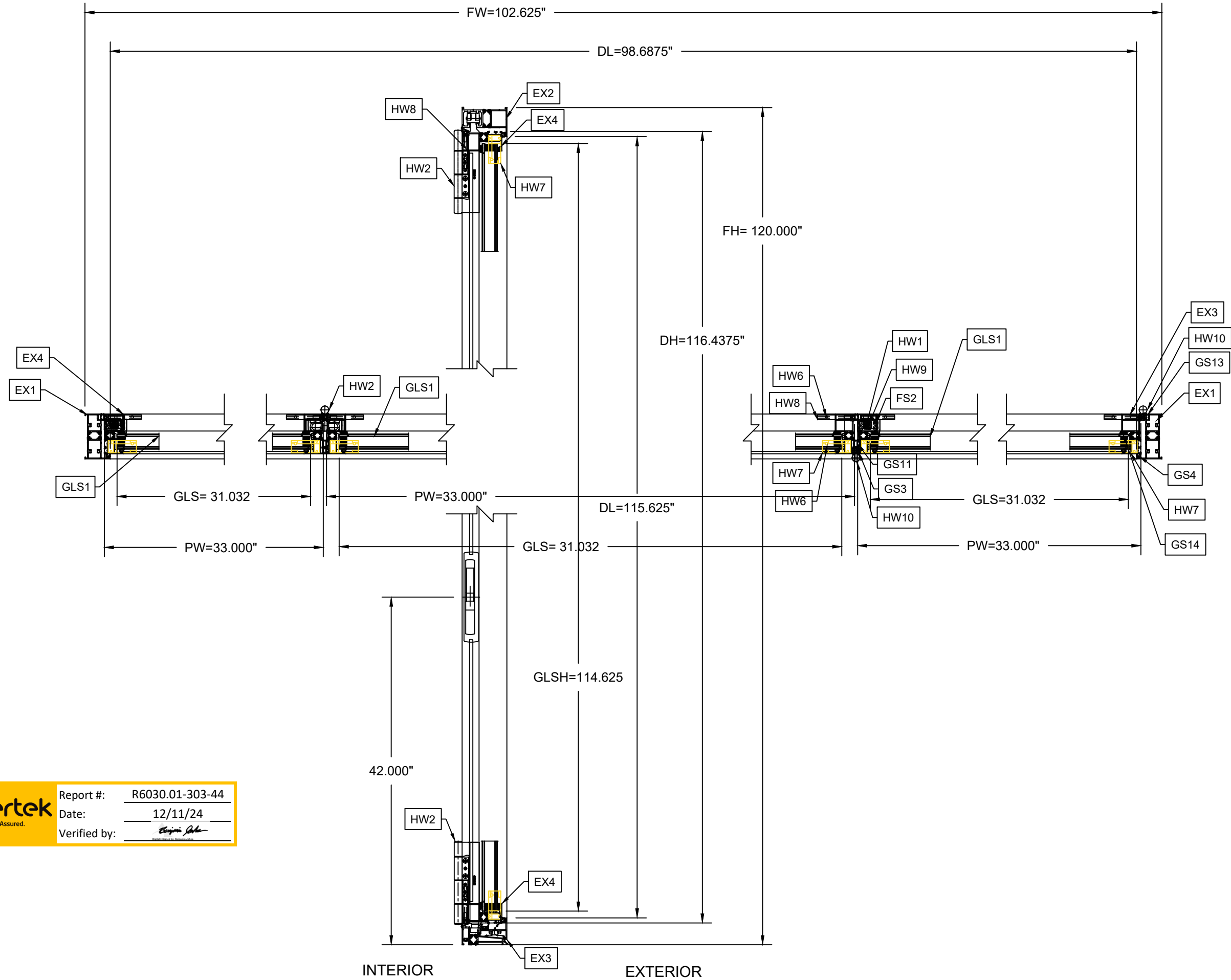
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INTERTEK (ATI) FHC BI-FOLD DOOR 650 (INSULING)  
REF QUOTE#: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: N/A  
Contact: KIRBY MOSER

Customer: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Contact: \_\_\_\_\_

REV#	DATE	DRAWN BY
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Drawn By: MR  
Checked By: \_\_\_\_\_  
Date: 5/25/24  
Scale: AS NOTED  
Project #: JOB #

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**intertek**  
 Total Quality. Assured.

Report #: R6030.01-303-44  
 Date: 12/11/24  
 Verified by: *[Signature]*

Job Name: **NAFR - AWS**  
 INTERTEK (ATI) FHC BI-FOLD DOOR G50 (INSWING)  
 REF QUOTE#: \_\_\_\_\_  
 Phone: N/A  
 Fax: \_\_\_\_\_  
 Contact: KIRBY MOSER

Customer: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Contact: \_\_\_\_\_

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 Checked By: \_\_\_\_\_  
 Date: 5/25/24  
 Scale: AS NOTED  
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Mtl	Part	Description	Qty	UOM
EX1	BFSJAMBSA	BI FOLD SIDE JAMB CLEAR ANODIZE CLASS I 20'	20	FT
EX2	BFHJAMBSA	BI FOLD HEAD JAMB CLEAR ANODIZE CLASS I 20' LONG	12	FT
EX3	BFLTHDSA	BI FOLD LOW THRESHOLD CLEAR ANODIZE 20'	20	FT
EX4	BFGFRAMESA	BI FOLD GLAZING FRAME CLEAR ANODIZE CLASS I 20' LONG	100	FT

Mtl	Part	Description	Qty	UOM
GLS1	BF14CLRT	1-3/16" THICK INSULATED TEMP GLASS PANEL UNIT 1/4" CLEAR TEMP X 3/4" BLACK SPACER X 3/16" CLEAR TEMPW= 26 5/8" X H= 61 3/16" +_ 1/32"	3	EA

Mtl	Part	Description	Qty	UOM
FS1	BFCH10X2	CROSS HEAD SCREW 10 X 2"	12	EA
FS2	BFCHCSD10X1	CROSS HEAD SCREW 10 X 1"	8	EA

Job Name: **NAFR - AWS**  
 INTERTEK (ATT) FHC BI-FOLD DOOR G50 (INSWIN)  
 REF QUOTE#: \_\_\_\_\_  
 Phone: N/A  
 Fax: N/A  
 Contact: KIRBY MOSER

REV#	DATE	DRAWN BY	CUSTOMER:
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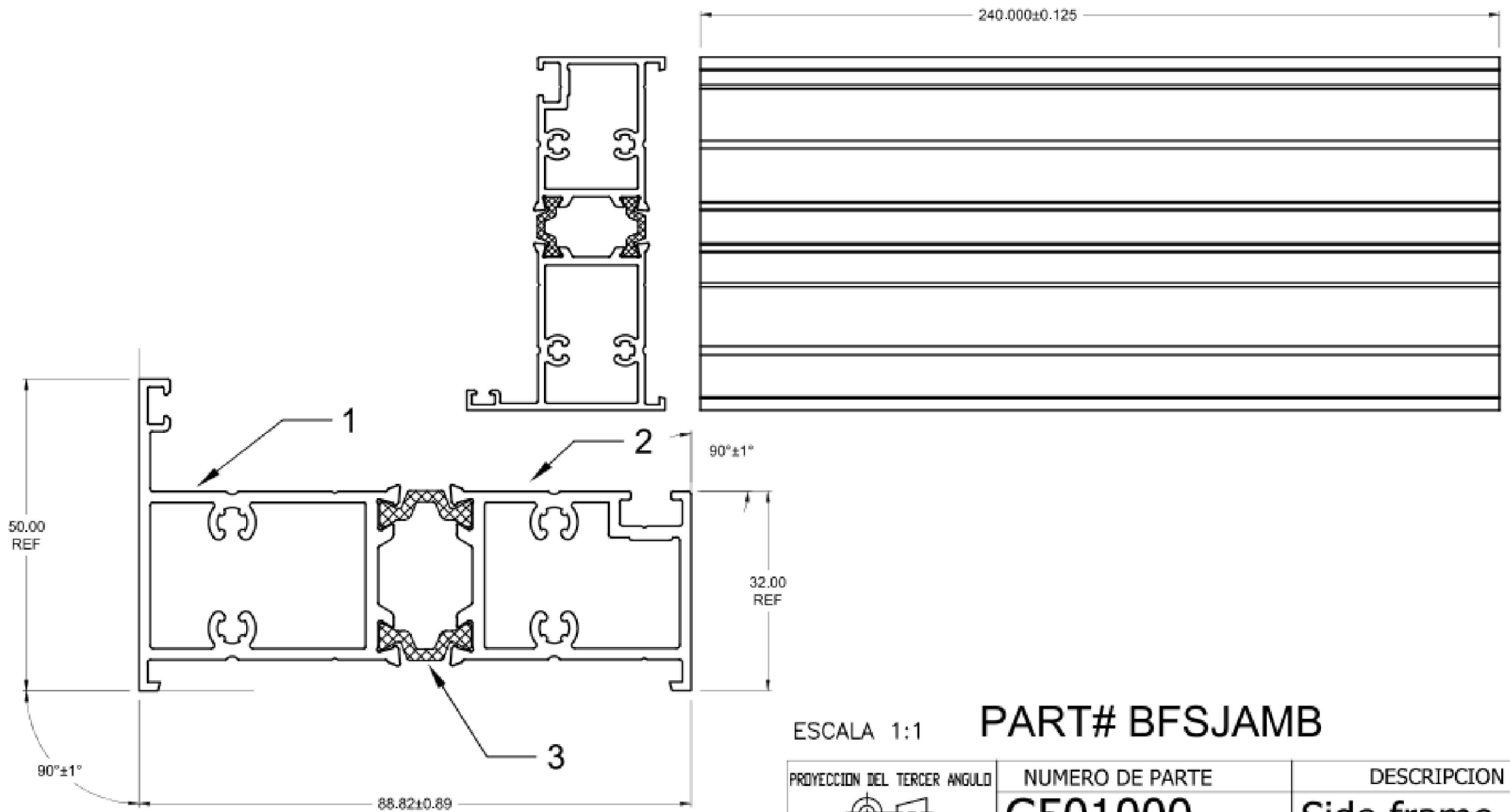
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 Date: 5/25/24  
 Scale: AS NOTED  
 Project #: JOB #

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# Articulo	Descripcion	Dado/Almacen	# Parte	Cantidad	Especificacion	Peso Lb/Ft
1	N/A	110959	G501001	1	Aluminio 6063 T5	0.646
2	N/A	110960	G501002	1	Aluminio 6063 T5	0.580
3	14.8MM OFFSET STRIP	1009997	953241	2	Thermal	N/A

6578-07

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ESCALA 1:1 PART# BFSJAMB

PROYECCION DEL TERCER ANGULO	NUMERO DE PARTE	DESCRIPCION
	<b>G501000</b>	Side frame

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DIBUJO S/E DIMENSION IN

DIBUJO PARA ENSAMBLE

CLIENTE: HOPO  
# DADO: 110959/110960

REVISIONES				
REV	DESCRIPCION	ELABORO	FECHA	ECO/PROYECTO
1	DIBUJO ORIGINAL	Gomez B.	13/Dic/2021	6578
2	SE AGREGA TOLERANCIA DE ENSAMBLE	Gomez B.	15/Dic/2021	6578
3	SE AGREGA TOLERANCIA DE DE ANGULARIDAD	Gomez B.	17/Dic/2021	6578
4				
5				
6				
7				

Job Name: **NAFR - AWS**  
INTERTEK (ATT) FHC BI-FOLD DOOR G50 (INSWIN)  
REF QUOTE:  
Phone: N/A  
Fax: N/A  
Contact: KIRBY MOSER

REV#	DATE	DRAWN BY	CUSTOMER
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FORM-ING-46

Rev. 01

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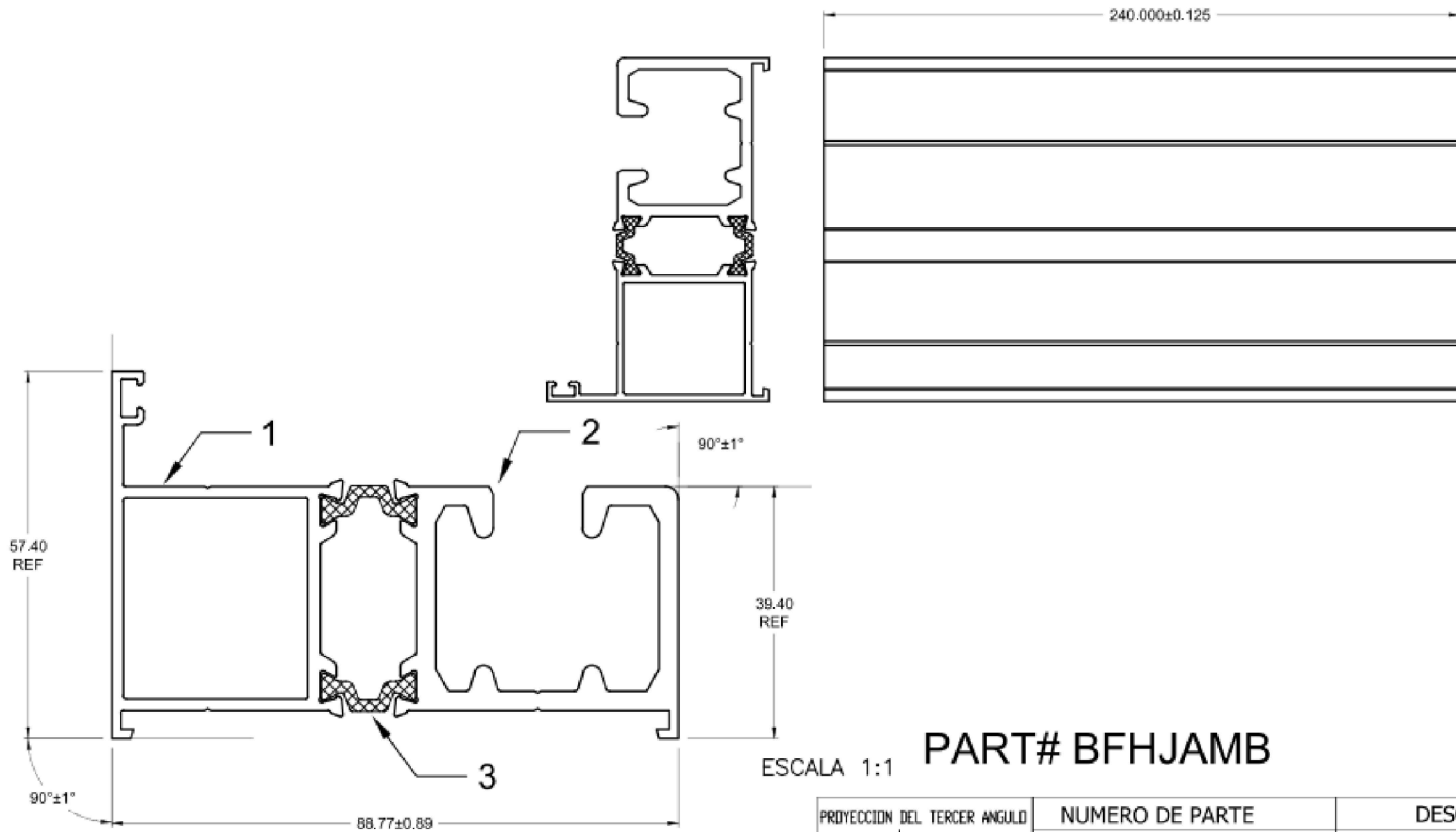
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Drawn By: MR  
Checked By:  
Date: 5/25/24  
Scale: AS NOTED  
Project #: JOB #  
Sheet No.  
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# Articulo	Descripcion	Dado/Almacen	# Parte	Cantidad	Especificacion	Peso Lb/Ft
1	N/A	110955	G501011	1	Aluminio 6063 T5	0.630
2	N/A	110956	G501012	1	Aluminio 6063 T5	0.894
3	14.8MM OFFSET STRIP	1009997	953241	2	Thermal	N/A

6578-03

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ESCALA 1:1 PART# BFHJAMB

PROYECCION DEL TERCER ANGULO	NUMERO DE PARTE	DESCRIPCION
	<b>G501010</b>	<b>Top frame</b>
<b>PROPIEDAD Y CONFIDENCIALIDAD</b>		<b>DIBUJO PARA ENSAMBLE</b>
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DIBUJO S/E	CLIENTE: HOPO	# DADO: <b>110955/110956</b>
DIMENSION IN		

REVISIONES				
REV	DESCRIPCION	ELABORO	FECHA	ECO/PROYECTO
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2	SE AGREGA TOLERANCIA DE ENSAMBLE	Gomez B.	15/Dic/2021	6578
3	SE AGREGA TOLERANCIA DE DE ANGULARIDAD	Gomez B.	17/Dic/2021	6578
4				
5				
6				
7				

Job Name: **NAFR - AWS**  
INTERTEK (ATT) FHC BI-FOLD DOOR G50 (INSWIN)  
REF QUOTE:  
Phone: N/A  
Fax: N/A  
Contact: KIRBY MOSER

Customer: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Contact: \_\_\_\_\_

REV#	DATE	BY	DATE	BY
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Report #: R6030.01-303-44  
Date: 12/11/24  
Verified by:

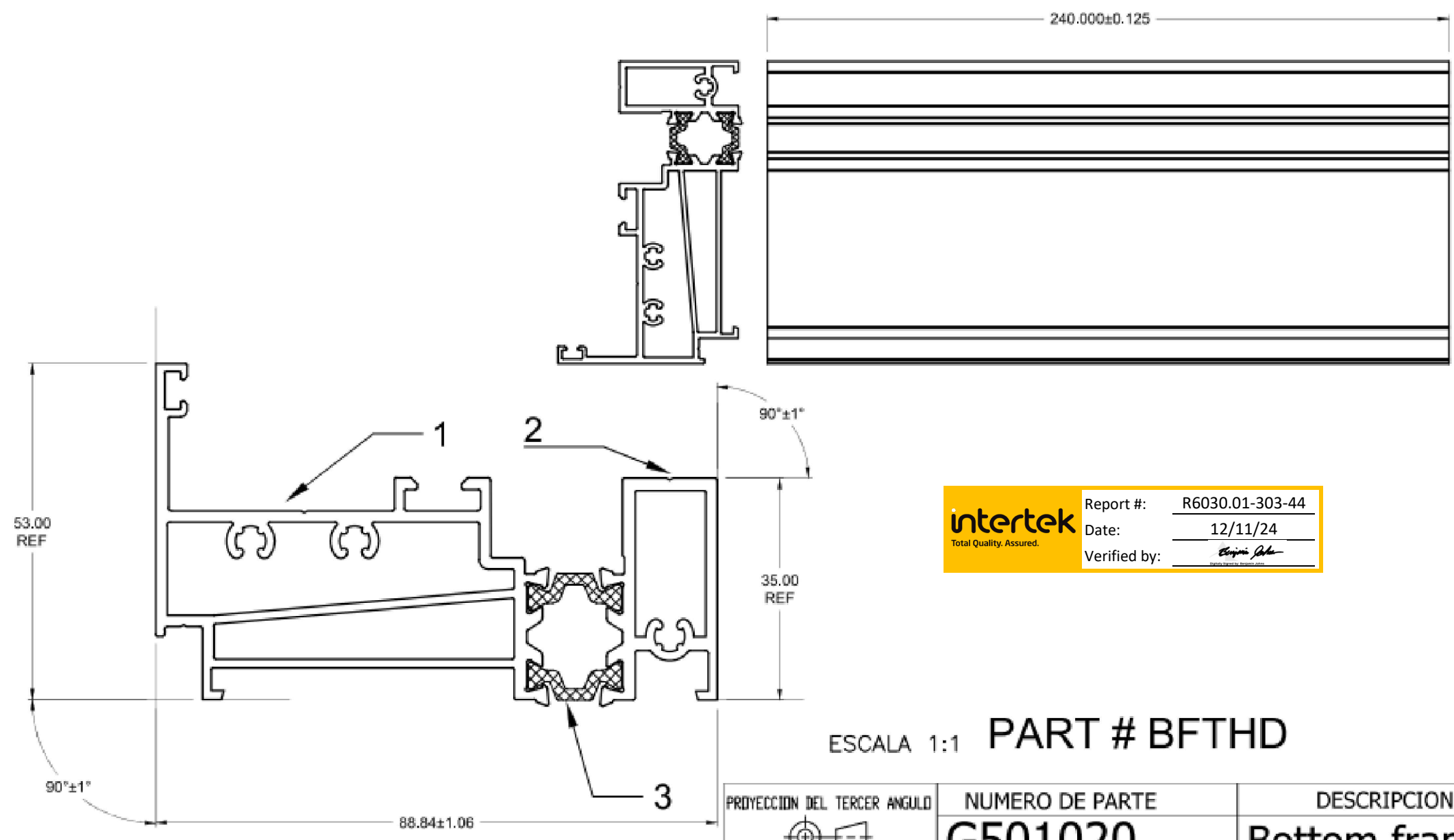
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Drawn By: MR  
Checked By: \_\_\_\_\_  
Date: 5/25/24  
Scale: AS NOTED  
Project #: JOB #  
Sheet No. 1.02



# Articulo	Descripcion	Dado/Almacen	# Parte	Cantidad	Especificacion	Peso Lb/Ft
1	N/A	110957	G501021	1	Aluminio 6063 T5	0.940
2	N/A	110958	G501022	1	Aluminio 6063 T5	0.396
3	14.8MM OFFSET STRIP	1009997	953241	2	Thermal	N/A

6578-05



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Report #: R6030.01-303-44  
Date: 12/11/24  
Verified by: *[Signature]*

ESCALA 1:1 PART # BFTHD

PROYECCION DEL TERCER ANGULO	NUMERO DE PARTE	DESCRIPCION
	<b>G501020</b>	<b>Bottom frame</b>
<b>PROPIEDAD Y CONFIDENCIALIDAD</b>		<b>DIBUJO PARA ENSAMBLE</b>
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DIBUJO S/E	CLIENTE: HOPO	
DIMENSION IN	# DADO: <b>110957/110958</b>	

REVISIONES				
REV	DESCRIPCION	ELABORO	FECHA	ECO/PROYECTO
1	DIBUJO ORIGINAL	Gomez B.	13/Dic/2021	6578
2	SE AGREGA TOLERANCIA DE ENSAMBLE	Gomez B.	15/Dic/2021	6578
3	SE AGREGA TOLERANCIA DE DE ANGULARIDAD	Gomez B.	17/Dic/2021	6578
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FORM-ING-46

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P/N: BFLTTHD\_ (EX3)

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Job Name: **NAFR - AWS**  
INTERTEK (ATT) FHC BI-FOLD DOOR G50 (INSWIN)  
REF QUOTE#: \_\_\_\_\_  
Phone: N/A  
Fax: N/A  
Contact: KIRBY MOSER

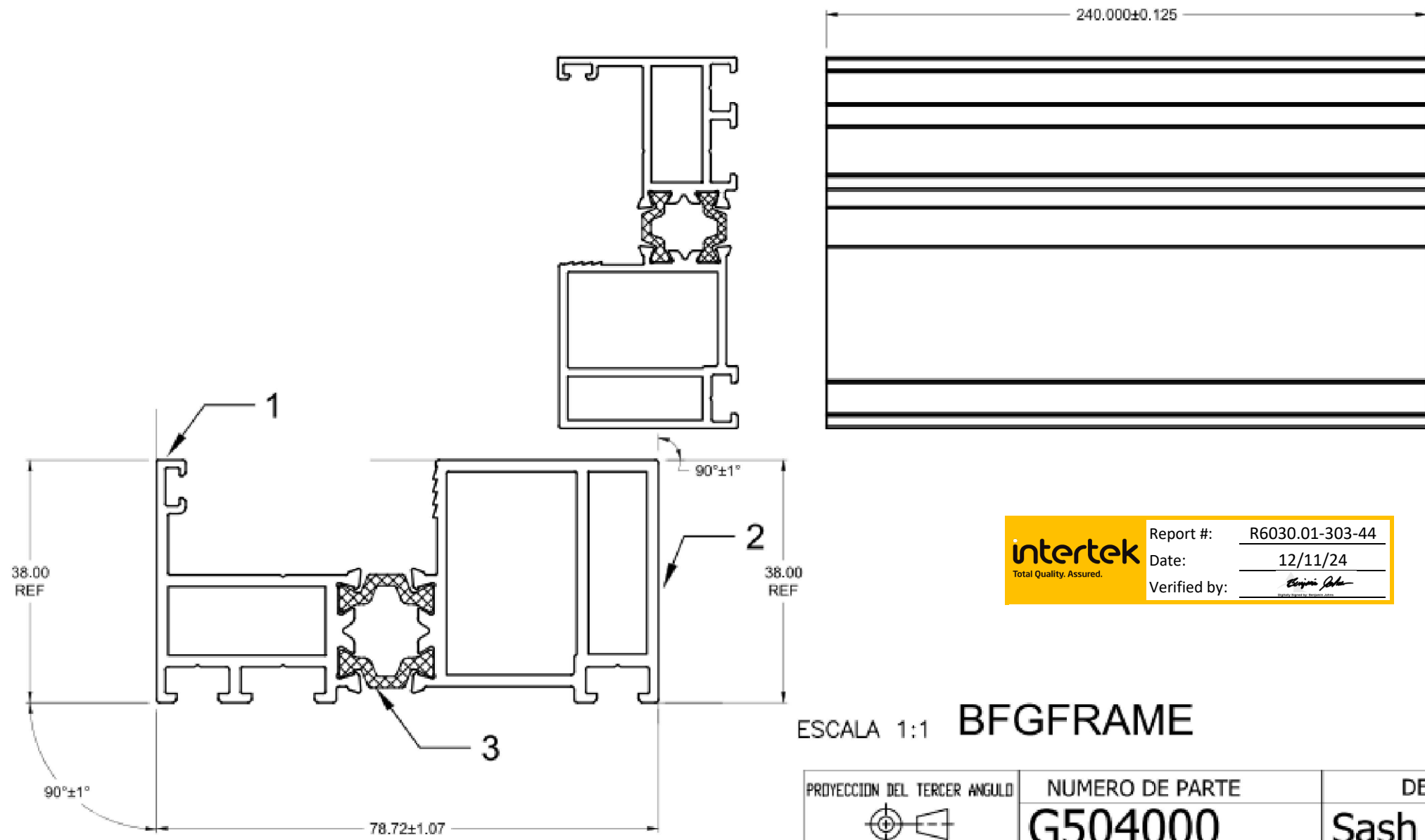
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Phone: \_\_\_\_\_  
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Date: 5/25/24  
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Project #: JOB # \_\_\_\_\_  
Sheet No. 1.03

# Articulo	Descripcion	Dado/Almacen	# Parte	Cantidad	Especificacion	Peso Lb/Ft
1	N/A	110953	G504001	1	Aluminio 6063 T5	0.458
2	N/A	110954	G504002	1	Aluminio 6063 T5	0.630
3	14.8MM OFFSET STRIP	1009997	953241	2	Thermal	N/A

6578-01



**intertek** Total Quality. Assured.  
 Report #: R6030.01-303-44  
 Date: 12/11/24  
 Verified by: *[Signature]*

ESCALA 1:1 BFGFRAME

PROYECCION DEL TERCER ANGULO	NUMERO DE PARTE	DESCRIPCION
	<b>G504000</b>	<b>Sash frame</b>

REVISIONES				
REV	DESCRIPCION	ELABORO	FECHA	ECO/PROYECTO
1	DIBUJO ORIGINAL	Gomez B.	13/Dic/2021	6578
2	SE AGREGA TOLERANCIA DE ENSAMBLE	Gomez B.	15/Dic/2021	6578
3	SE AGREGA TOLERANCIA DE DE ANGULARIDAD	Gomez B.	17/Dic/2021	6578
4				
5				
6				
7				

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DIBUJO S/E DIMENSION IN

**DIBUJO PARA ENSAMBLE**

CLIENTE: HOPO  
 # DADO: 110953/110954

FORM-ING-46

Rev. 01

P/N: BFGFRAME\_ (EX4)

ENGINEER STAMP

Job Name: **NAFR - AWS**  
 INTERTEK (ATI) PIC BI-FOLD DOOR G50 (UNSWIN)  
 REF QUOTE#: \_\_\_\_\_  
 Phone: N/A  
 Fax: N/A  
 Contact: KIRBY MOSER

Customer: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Contact: \_\_\_\_\_

REV#	DATE	DRAWN BY
1		
2		
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7		

Drawn By: MR  
 Checked By: \_\_\_\_\_  
 Date: 5/25/24  
 Scale: AS NOTED  
 Project #: JOB # \_\_\_\_\_  
 Sheet No. 1.04

ENGINEER STAMP

Mtl	Part	Description	Qty	UOM
HW1	BFSBOLT	BI FOLD BSHOOT BOLT (TYPE-B FOR SF63 SYSTEM	3	ST
HW2	BFROLLER_	BI FOLD ROLLER	2	ST
HW3	BFLCATCHER_	BI FOLD DOOR LEAF CATCHER	2	ST
HW4	BFGCASE	BI FOLD GEAR CASE FOR SLIM BI FOLDING SYSTEM CLEAR ANODIZED CLASS I	3	EA
HW5	G50FOAM	FOAM FOR G50 DOORS – MULTI SLOT	12	EA
HW6	BFDOWEL	05X10 DOWEL	80	EA
HW7	BFCORNER105	BI FOLD 105 CORNER CLEAT	20	EA
HW8	BFCORNER283	BI FOLD 283 CORNER CLEAT	20	EA
HW9	BFSROD	SCREW ROD	3	EA
HW10	BFHINGE_	BI FOLD HINGE	3	EA

Job Name: **NAFR – AWS**  
 INTERTEK (ATT) FHC BI-FOLD DOOR G50 (INSWIN)  
 REF QUOTE#: \_\_\_\_\_  
 Phone: N/A  
 Fax: N/A  
 Contact: KIRBY MOSER

Customer: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Contact: \_\_\_\_\_

DRAWN BY	MR
DATE	12/11/24
REV#	1
	2
	3
	4
	5
	6

Drawn By: MR  
 Checked By:  
 Date: 5/25/24  
 Scale: AS NOTED  
 Project #: JOB #

Sheet No.  
 2.00

**intertek** Total Quality. Assured.  
 Report #: R6030.01-303-44  
 Date: 12/11/24  
 Verified by: *Benjamin Saha*

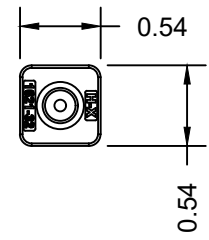
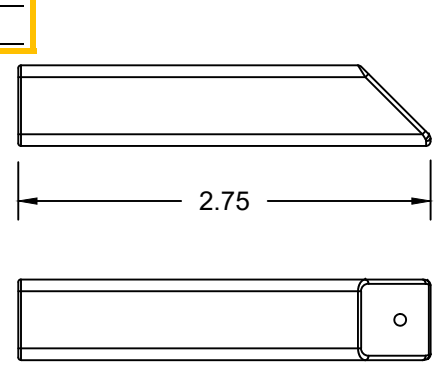
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Drawn By: MR  
Checked By: \_\_\_\_\_  
Date: 5/25/24  
Scale: AS NOTED  
Project #: JOB #

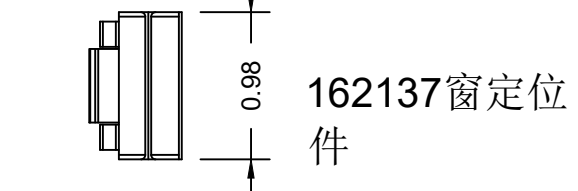


Report #: R6030.01-303-44  
Date: 12/11/24  
Verified by: *Benji John*

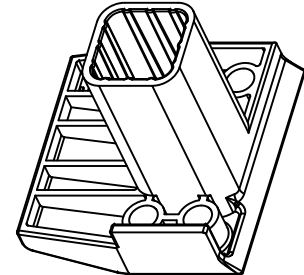
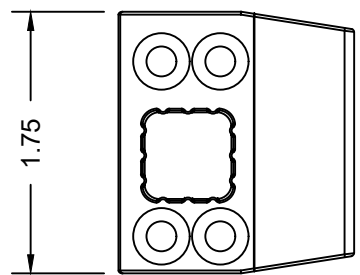
# STORO



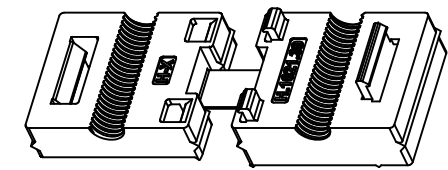
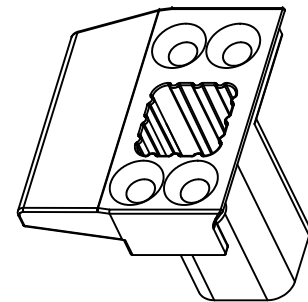
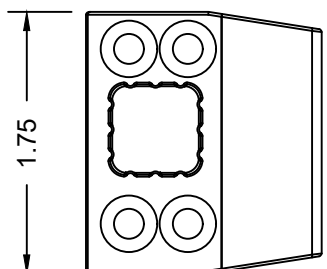
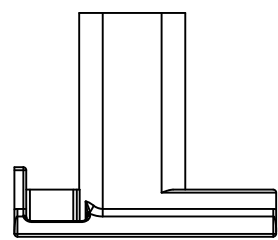
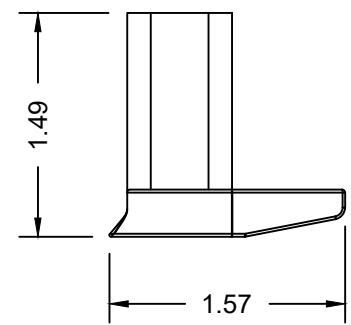
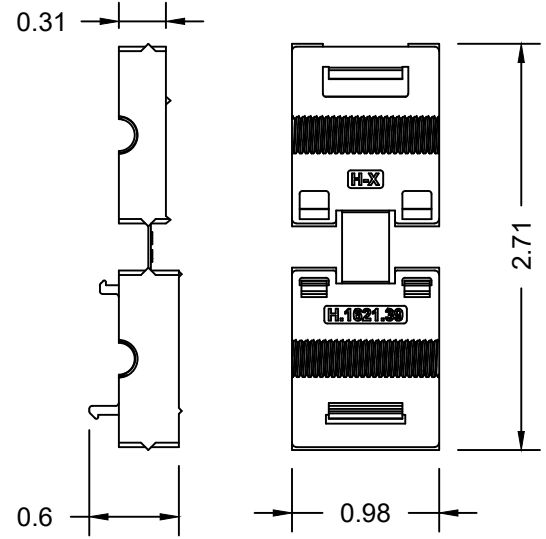
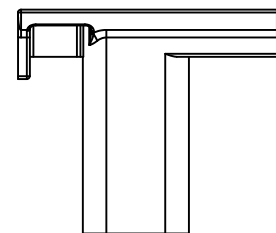
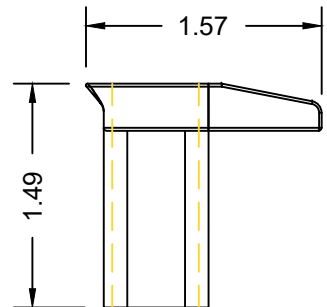
插销头



窗封端 (左)



窗封端 (右)



THIRD ANGLE PROJECTION

PART NUMBER	DESCRIPTION
<b>ASB63.40.XX</b>	G50 folding shoot bolt

**PROPRIETARY AND CONFIDENTIAL**  
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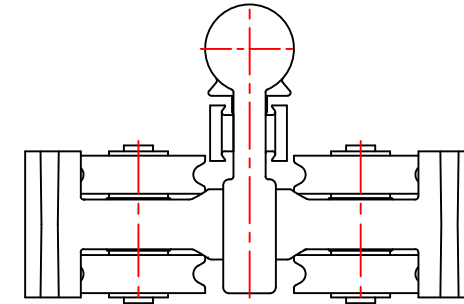
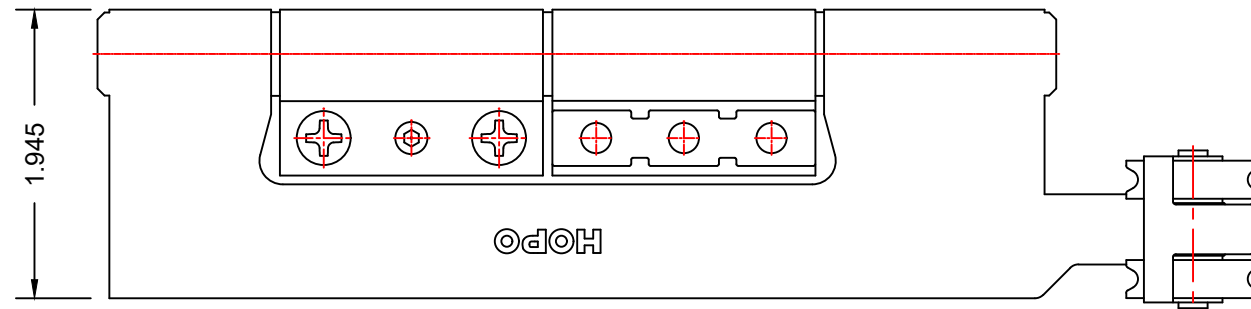
REVISIONS				
Rev.	DESCRIPTION	DATE	DRAW BY	REVIEWED
A	DRAWING FOR PRODUCTION.	06/MAR/2023	Karen N.	Abraham L.
B				
C				
D				
E				
F				
G				

DRAWING S/E	MATERIAL	FINISH		
	ALLOY 6063/6060 TEMPER T5	Anodized Black		
DIMENSION inch	Angularity	.X	.XX	.XXX
	±1°	±0.100	±0.020	±0.010

CUSTOMER: #  
DIE #: ---

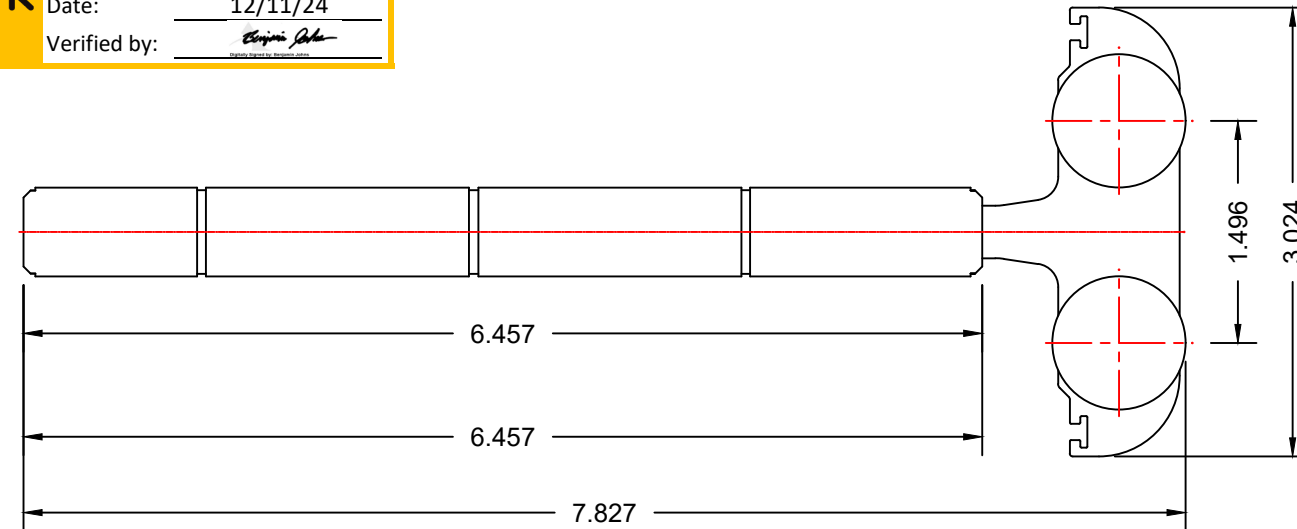
P/N: BFROLLER (HW2)

**STORO**



**intertek**  
Total Quality. Assured.

Report #: R6030.01-303-44  
Date: 12/11/24  
Verified by: *Benjamin John*



REVISIONS					THIRD ANGLE PROJECTION	PART NUMBER	DESCRIPTION
Rev.	DESCRIPTION	DATE	DRAW BY	REVIEWED		<b>ABR63.10.XX</b>	G50 folding roller
A	DRAWING FOR PRODUCTION.	06/MAR/2023	Karen N.	Abraham L.		<p><b>PROPRIETARY AND CONFIDENTIAL</b></p> <p>The information contained in this drawing is the sole property of &lt;ALUMINUM SOLUTIONS&gt; any reproduction in part or as a whole without the written permission of &lt;ALUMINUM SOLUTIONS&gt; is prohibited.</p>	
B					<p>DRAWING S/E</p> <p>DIMENSION inch</p>		<p>CUSTOMER: #</p> <p>DIE #: ---</p>
C					<p>MATERIAL</p> <p>ALLOY 6063/6060 TEMPER T5</p> <p>FINISH</p> <p>Anodized Black</p>		
D					<p>Angularity</p> <p>±1°</p>		
E					<p>.X</p> <p>±0.100</p>		
F					<p>.XX</p> <p>±0.020</p>		
G					<p>.XXX</p> <p>±0.010</p>		

F4-7.5.1-01

Rev. 00

BFROLLER\_

Job Name: **NAFR - AWS**  
INTERTEK (ATT) FHC B1-FOLD DOOR G50 (INSWIN)  
REF QUOTE:  
Phone: N/A  
Fax: N/A  
Contact: KIRBY MOSER

Customer:

REV#	DATE	DRAWN BY
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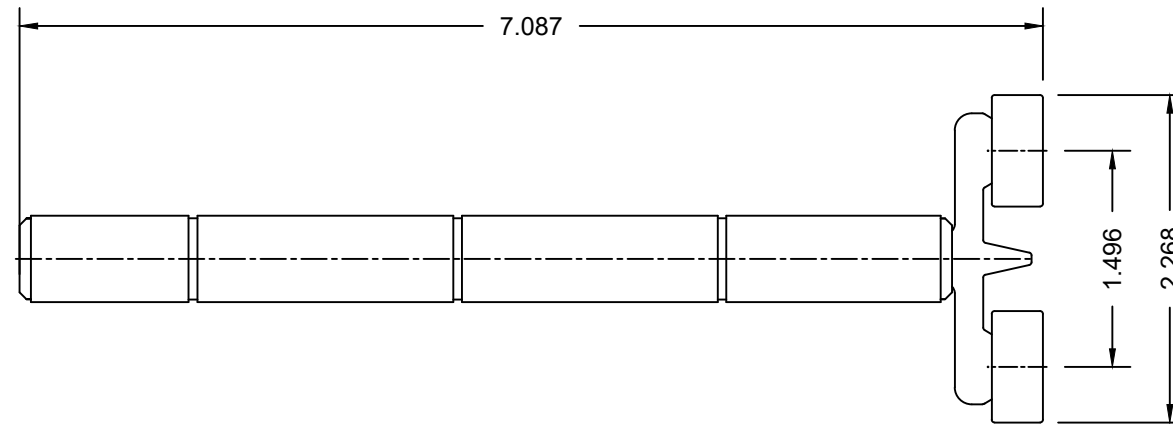
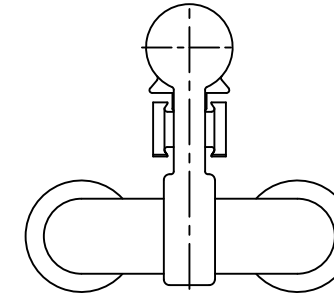
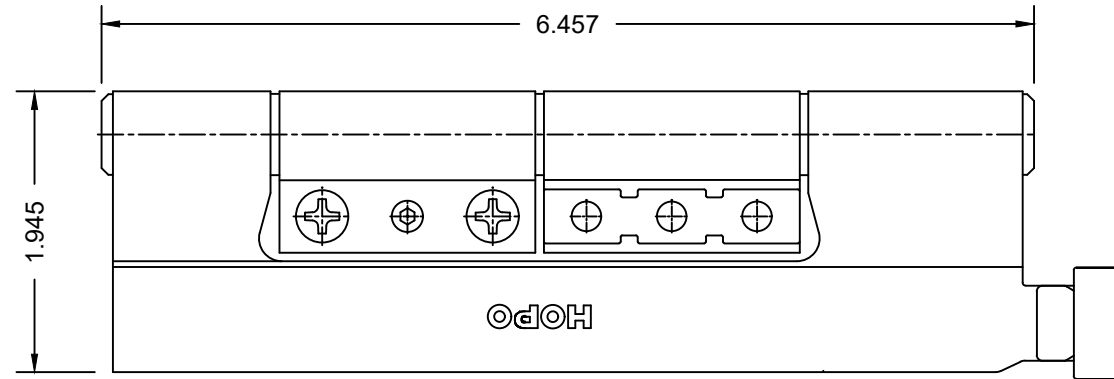
Drawn By: MR  
Checked By:  
Date: 5/25/24  
Scale: AS NOTED  
Project #: JOB #

Sheet No.  
2.02a

ENGINEER STAMP

P/N: BFROLLER (HW2)

**STORO**



**intertek** Report #: R6030.01-303-44  
 Total Quality. Assured. Date: 12/11/24  
 Verified by: *[Signature]*

REVISIONS				
Rev.	DESCRIPTION	DATE	DRAW BY	REVIEWED
A	DRAWING FOR PRODUCTION.	06/MAR/2023	Karen N.	Abraham L.
B				
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D				
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G				

THIRD ANGLE PROJECTION 	PART NUMBER <b>ABR63.10.XX</b>	DESCRIPTION G50 folding roller
<b>PROPRIETARY AND CONFIDENTIAL</b> The information contained in this drawing is the sole property of <ALUMINUM SOLUTIONS> any reproduction in part or as a whole without the written permission of <ALUMINUM SOLUTIONS> is prohibited.		DRAWING FOR MACHINING 
DRAWING S/E	MATERIAL ALLOY 6063/6060 TEMPER T5	FINISH Anodized Black
DIMENSION inch	Angularity ±1°	.X ±0.100 .XX ±0.020 .XXX ±0.010
CUSTOMER: #		DIE #: ---

F4-7.5.1-01

Rev. 00

Job Name: **NAFR - AWS**  
 INTERTEK (ATT) FHC B1-FOLD DOOR G50 (INSWIN)  
 REF QUOTE:  
 Phone: N/A  
 Fax: N/A  
 Contact: KIRBY MOSER

Customer: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Contact: \_\_\_\_\_

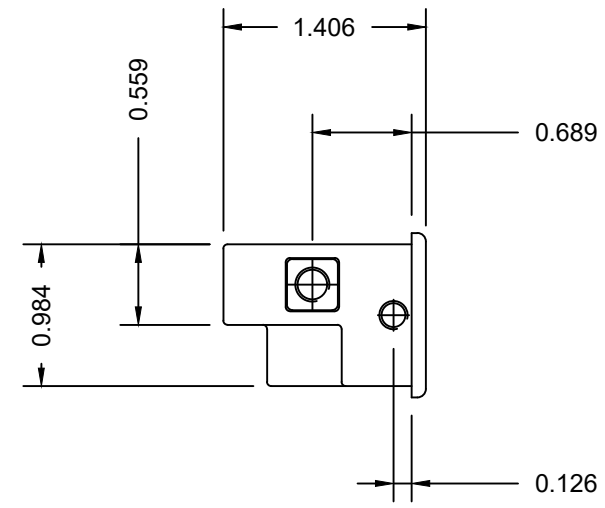
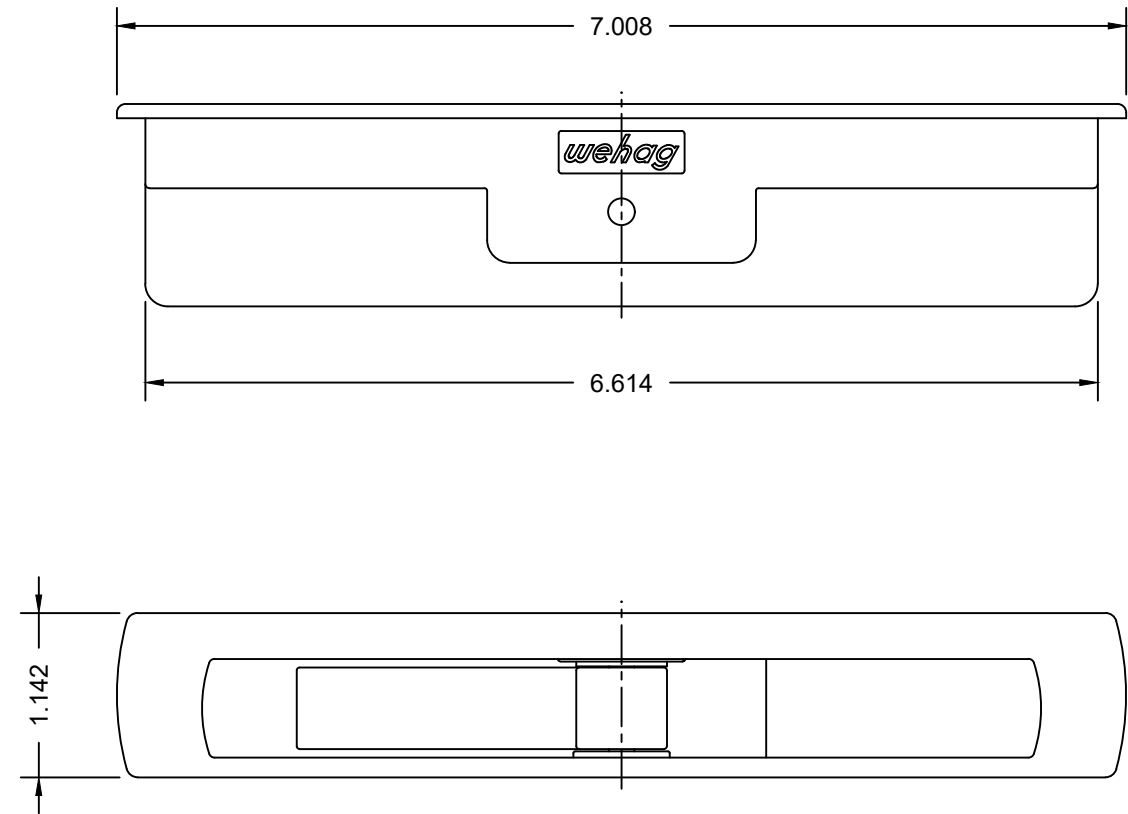
REV#	DATE	DRAWN BY
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Drawn By: MR  
 Checked By: \_\_\_\_\_  
 Date: 5/25/24  
 Scale: AS NOTED  
 Project #: JOB # \_\_\_\_\_

Sheet No.  
 2.02b

P/N: BFGCASE\_ (HW4)

**STORO**



**intertek**  
Total Quality. Assured.

Report #: R6030.01-303-44  
Date: 12/11/24  
Verified by: *[Signature]*

REVISIONS				
Rev.	DESCRIPTION	DATE	DRAW BY	REVIEWED
A	DRAWING FOR PRODUCTION.	06/MAR/2023	Karen N.	Abraham L.
B				
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G				

THIRD ANGLE PROJECTION 	PART NUMBER <b>AGC63.10.XX</b>	DESCRIPTION G50 shoot bolt gear case
<b>PROPRIETARY AND CONFIDENTIAL</b> The information contained in this drawing is the sole property of <ALUMINUM SOLUTIONS> any reproduction in part or as a whole without the written permission of <ALUMINUM SOLUTIONS> is prohibited.		DRAWING FOR MACHINING 
DRAWING S/E	MATERIAL ALLOY 6063/6060 TEMPER T5	FINISH Anodized Black
DIMENSION inch	Angularity ±1°	.X ±0.100 .XX ±0.020 .XXX ±0.010
CUSTOMER: #		DIE #: ---

F4-7.5.1-01

Rev. 00

Job Name: **NAFR - AWS**  
 INTERTEK (ATT) FHC BI-FOLD DOOR G50 (INSWIN)  
 REF QUOTE#: \_\_\_\_\_  
 Phone: N/A  
 Fax: N/A  
 Contact: KIRBY MOSER

Customer: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Contact: \_\_\_\_\_

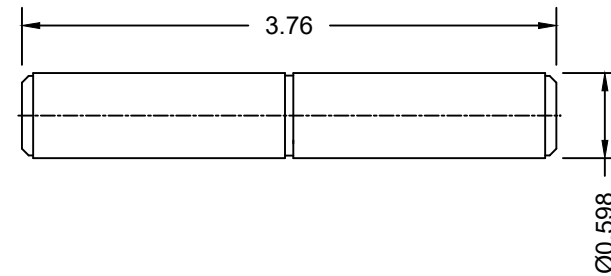
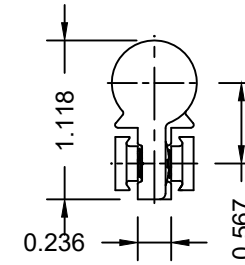
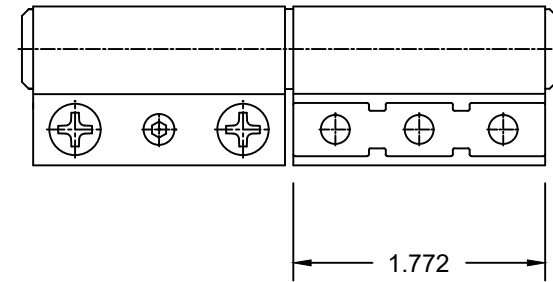
REV#	DATE	DRAWN BY
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Drawn By: MR  
 Checked By: \_\_\_\_\_  
 Date: 5/25/24  
 Scale: AS NOTED  
 Project #: JOB #

Sheet No.  
2.03

P/N: BFHINGE\_(HW10)

**STORO**



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Total Quality. Assured.

Report #: R6030.01-303-44  
Date: 12/11/24  
Verified by: *[Signature]*

THIRD ANGLE PROJECTION 	PART NUMBER	DESCRIPTION
	<b>ASH63.10.XX</b>	G50 folding hinge
<b>PROPRIETARY AND CONFIDENTIAL</b> The information contained in this drawing is the sole property of <ALUMINUM SOLUTIONS> any reproduction in part or as a whole without the written permission of <ALUMINUM SOLUTIONS> is prohibited.		DRAWING FOR MACHINING 
DRAWING S/E	MATERIAL ALLOY 6063/6060 TEMPER T5	FINISH Anodized Black
DIMENSION inch	Angularity ±1°	.X ±0.100 .XX ±0.020 .XXX ±0.010
CUSTOMER: #		DIE #: ---

REVISIONS				
Rev.	DESCRIPTION	DATE	DRAW BY	REVIEWED
A	DRAWING FOR PRODUCTION.	06/MAR/2023	Karen N.	Abraham L.
B				
C				
D				
E				
F				
G				

Job Name: **NAFR - AWS**  
INTERTEK (ATT) FHC BI-FOLD DOOR G50 (INSWIN)  
REF QUOTE:  
Phone: N/A  
Fax: N/A  
Contact: KIRBY MOSER

Customer: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Contact: \_\_\_\_\_

REV#	DATE	DRAWN BY
1	06/03/2023	Karen N.
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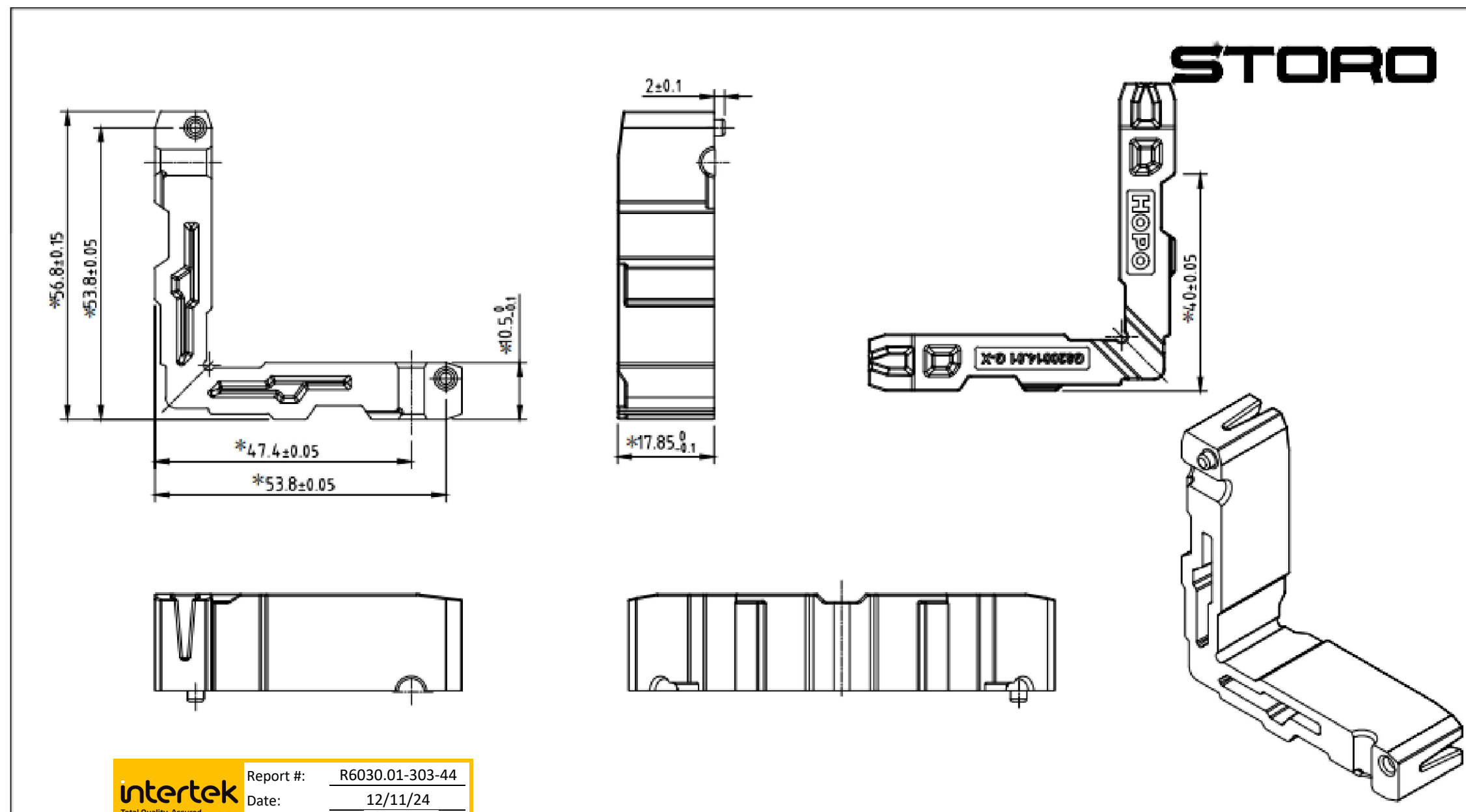
F4-7.5.1-01

Rev. 00

Drawn By: MR  
Checked By: \_\_\_\_\_  
Date: 5/25/24  
Scale: AS NOTED  
Project #: JOB #



ENGINEER STAMP



**intertek** Report #: R6030.01-303-44  
 Total Quality. Assured. Date: 12/11/24  
 Verified by: *[Signature]*

REVISIONS				
REV	DESCRIPTION	DRAW	DATE	ECO/PROJECT
1	ORIGINAL DRAWING	Gomez B.	DEC/30/2021	--
2				
3				
4				
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6				
7				

THIRD ANGLE PROJECTION 	PART NUMBER	DESCRIPTION
	<b>G820014.01</b>	Corner cleat
<b>PROPRIETARY AND CONFIDENTIAL</b> The information contained in this drawing is the sole property of <ALUMINUM SOLUTIONS> any reproduction in part or as a whole without the written permission of <ALUMINUM SOLUTIONS> is prohibited.		SPECIFICATION SHEET
DRAWING S/E		
MATERIAL Aluminum(ADC12)		
DIMENSION inch	FINISH: Mill finish	

P/N: BFCORNER105 (HW7)

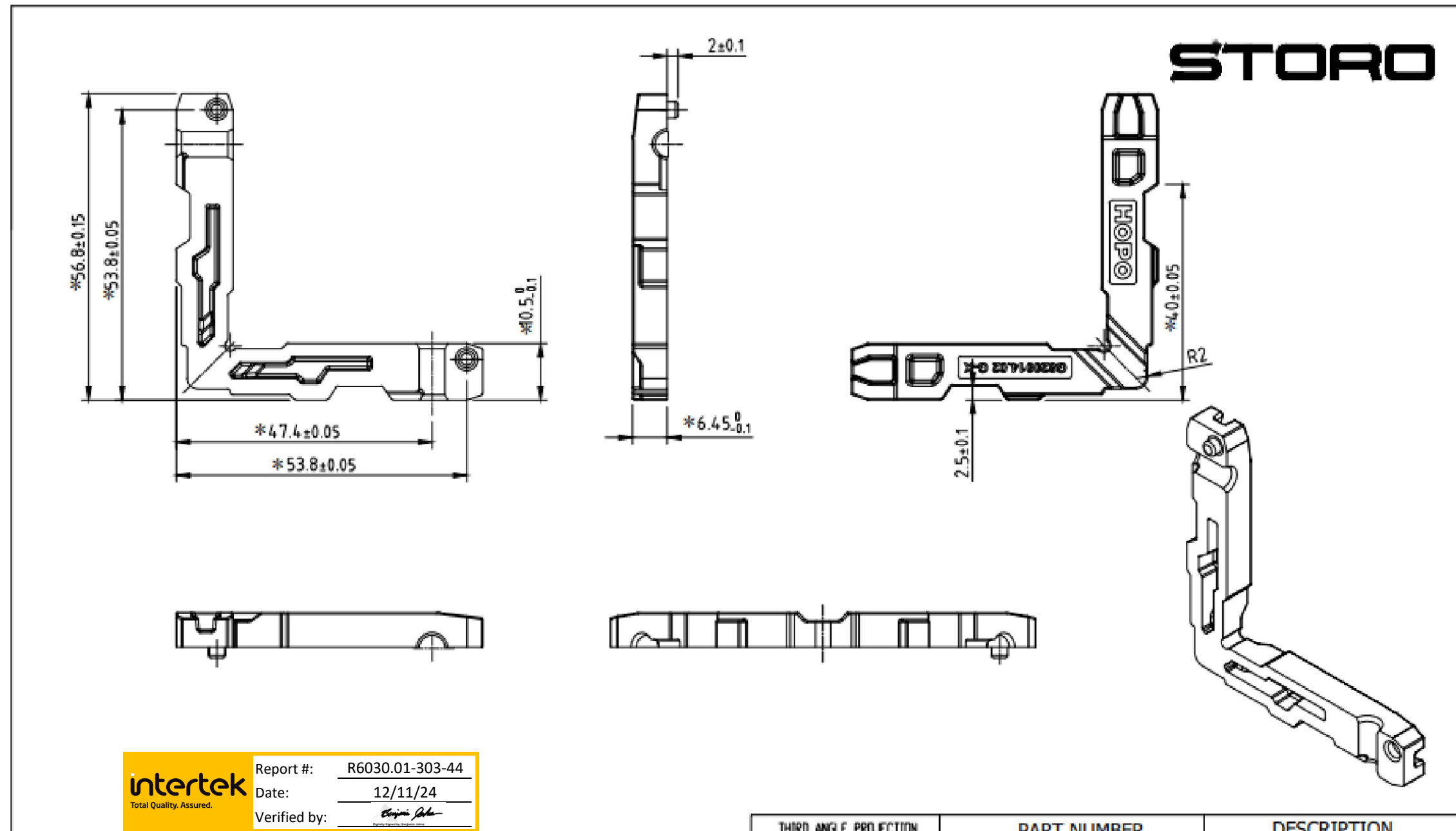
Job Name: **NAFR - AWS**  
 INTERTEK (ATT) FHC BI-FOLD DOOR G50 (INSWIN)  
 REF QUOTE#: \_\_\_\_\_  
 Phone: N/A  
 Fax: N/A  
 Contact: KIRBY MOSER

Customer: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Contact: \_\_\_\_\_

REV#	DATE	DRAWN BY	CHECKED BY
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Drawn By: MR  
 Checked By: \_\_\_\_\_  
 Date: 5/25/24  
 Scale: AS NOTED  
 Project #: JOB #

Sheet No.  
 2.05a



**intertek** Report #: R6030.01-303-44  
 Total Quality Assured. Date: 12/11/24  
 Verified by: *[Signature]*

REVISIONS					THIRD ANGLE PROJECTION	PART NUMBER	DESCRIPTION
REV	DESCRIPTION	DRAW	DATE	ECO/PROJECT		G820014.02	Corner cleat
1	ORIGINAL DRAWING	Gomez B.	DEC/30/2021	--		<b>PROPRIETARY AND CONFIDENTIAL</b> The information contained in this drawing is the sole property of <ALUMINUM SOLUTIONS> any reproduction in part or as a whole without the written permission of <ALUMINUM SOLUTIONS> is prohibited.	SPECIFICATION SHEET 
2					DRAWING S/E	MATERIAL Aluminum(ADC12)	
3					DIMENSION inch	FINISH: Mill finish	
4							
5							
6							
7							

P/N: BFCORNER105 (HW7)

Job Name: **NAFR - AWS**  
 INTERTEK (ATT) FHC B1-FOLD DOOR G50 (INSWIN)  
 REF QUOTE#: \_\_\_\_\_  
 Phone: N/A  
 Fax: N/A  
 Contact: KIRBY MOSER

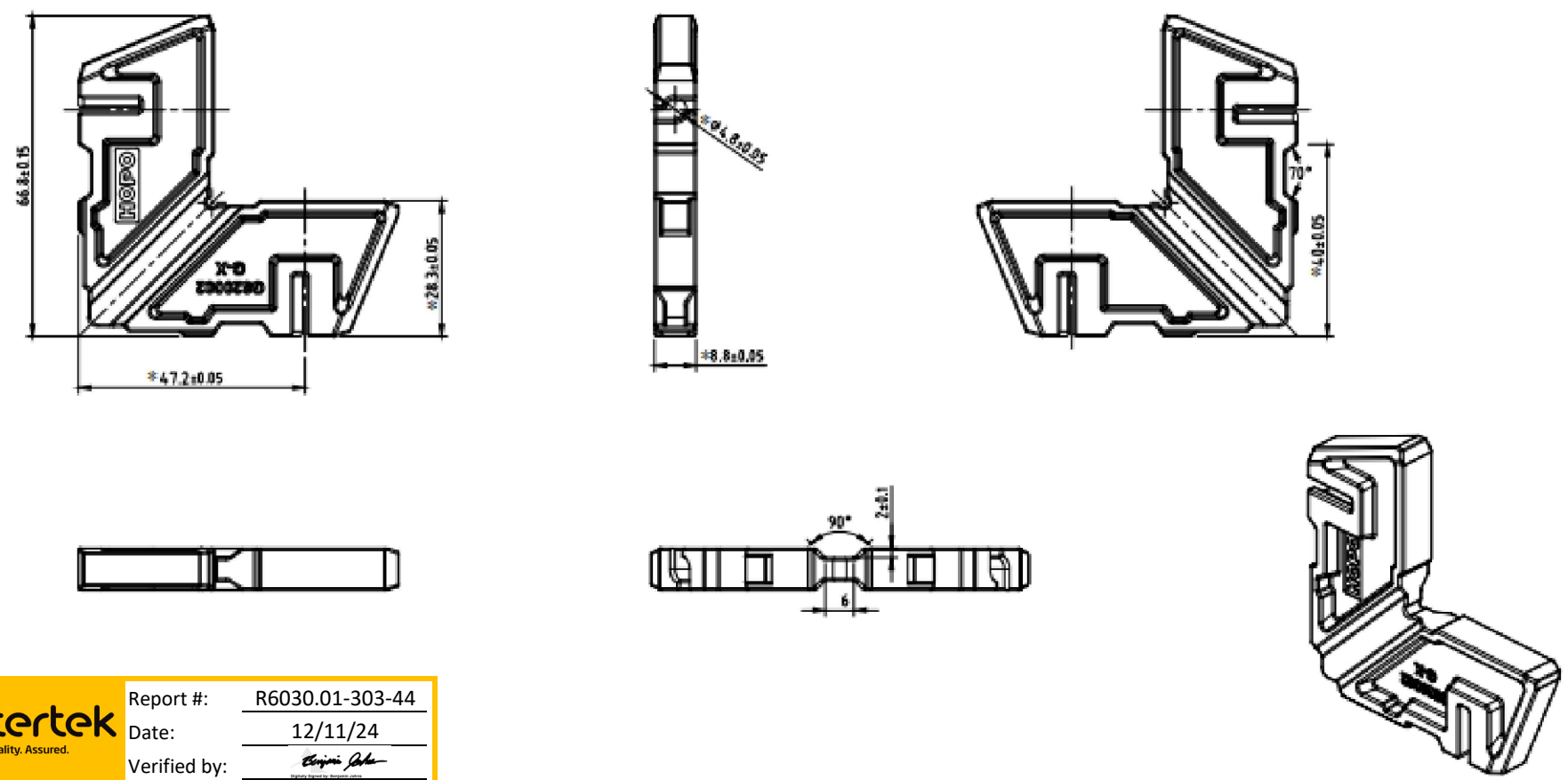
Customer: \_\_\_\_\_

REV#	DATE	DRAWN BY
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Drawn By: MR  
 Checked By: \_\_\_\_\_  
 Date: 5/25/24  
 Scale: AS NOTED  
 Project #: JOB #

ENGINEER STAMP

**STORO**



**intertek** Report #: R6030.01-303-44  
 Total Quality Assured. Date: 12/11/24  
 Verified by: *[Signature]*

REVISIONS					THIRD ANGLE PROJECTION	PART NUMBER	DESCRIPTION
REV	DESCRIPTION	DRAW	DATE	ECO/PROJECT		G820002	Corner cleat
1	ORIGINAL DRAWING	Gomez B.	DEC/30/2021	--			
2					<b>PROPRIETARY AND CONFIDENTIAL</b> The information contained in this drawing is the sole property of <ALUMINUM SOLUTIONS> any reproduction in part or as a whole without the written permission of <ALUMINUM SOLUTIONS> is prohibited.		SPECIFICATION SHEET 
3							
4					DRAWING S/E	MATERIAL Aluminum(ADC12)	
5					DIMENSION inch	FINISH: Mill finish	
6							
7							

P/N: BFCORNER283 (HW8)

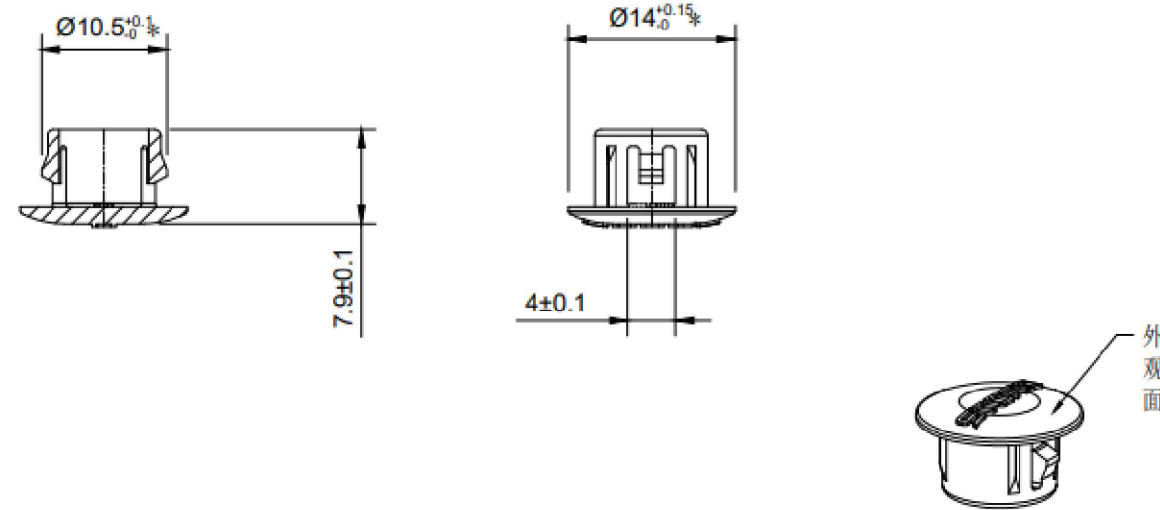
Job Name: **NAFR - AWS**  
 INTERTEK (ATT) FHC BI-FOLD DOOR G50 (INSWIN)  
 REF QUOTE#: \_\_\_\_\_  
 Phone: N/A  
 Fax: N/A  
 Contact: KIRBY MOSER

REV#	DATE	DRAWN BY	CUSTOMER:
1			
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Drawn By: MR  
 Checked By: \_\_\_\_\_  
 Date: 5/25/24  
 Scale: AS NOTED  
 Project #: JOB # \_\_\_\_\_

ENGINEER STAMP

**STORO**



**intertek** Report #: R6030.01-303-44  
Total Quality Assured. Date: 12/11/24  
Verified by: *[Signature]*

THIRD ANGLE PROJECTION 	PART NUMBER	DESCRIPTION
	<b>G767002.01.XX</b>	Ø10 Craft hole cover
<b>PROPRIETARY AND CONFIDENTIAL</b>		<b>DRAWING FOR MACHINING</b>
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DRAWING S/E	MATERIAL ALLOY 6063/6060 TEMPER T5	FINISH Anodized Black
DIMENSION inch	Angularity ±1°	CUSTOMER: # DIE #: ---
	.X ±0.100	
	.XX ±0.020	
	.XXX ±0.010	

REVISIONS				
Rev.	DESCRIPTION	DATE	DRAW BY	REVIEWED
A	DRAWING FOR PRODUCTION.	06/MAR/2023	Karen N.	Abraham L.
B				
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F4-7.5.1-01

Rev. 00

Job Name: **NAFR - AWS**

INTERTEK (ATT) FHC BI-FOLD DOOR G50 (INSWIN)

REF QUOTE#:

Phone: N/A

Fax: N/A

Contact: KIRBY MOSER

Customer:

Drawn By:

DATE

Drawn By: MR

Checked By:

Date: 5/25/24

Scale: AS NOTED

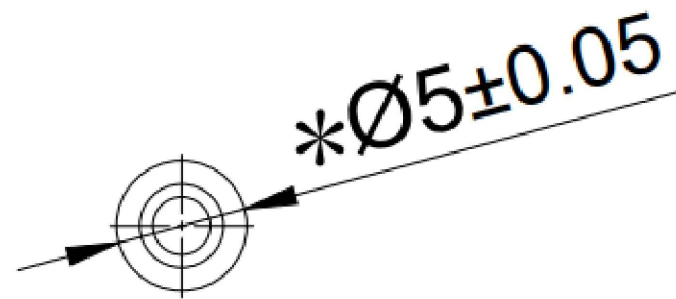
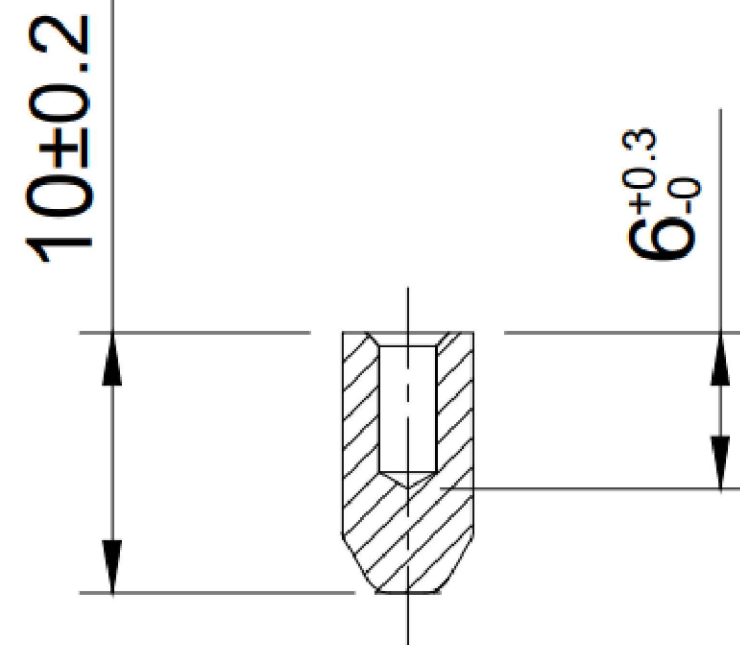
Project #: JOB #

Sheet No.

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ENGINEER STAMP

**STORO**



FHC PART # BFDOWEL

**intertek**  
 Total Quality. Assured.

Report #: R6030.01-303-44  
 Date: 12/11/24  
 Verified by: *Erin John*

THIRD ANGLE PROJECTION 	PART NUMBER <b>G768502</b>	DESCRIPTION φ5*10 Dowel
<b>PROPRIETARY AND CONFIDENTIAL</b> The information contained in this drawing is the sole property of <ALUMINUM SOLUTIONS> any reproduction in part or as a whole without the written permission of <ALUMINUM SOLUTIONS> is prohibited.		DRAWING FOR MACHINING 
DRAWING S/E	MATERIAL ALLOY 6063/6060 TEMPER T5	FINISH Anodized Black
DIMENSION inch	Angularity ±1°	.X ±0.100 .XX ±0.020 .XXX ±0.010
CUSTOMER: #		DIE #: ---

REVISIONS				
Rev.	DESCRIPTION	DATE	DRAW BY	REVIEWED
A	DRAWING FOR PRODUCTION.	06/MAR/2023	Karen N.	Abraham L.
B				
C				
D				
E				
F				
G				

F4-7.5.1-01

Rev. 00

P/N: BFDOWEL (HW6)

Job Name: **NAFR - AWS**  
 INTERTEK (ATT) FHC BI-FOLD DOOR G50 (INSWIN)  
 REF QUOTE#: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: N/A  
 Contact: KIRBY MOSER

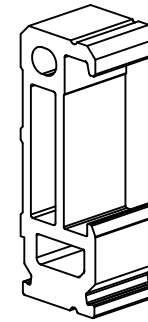
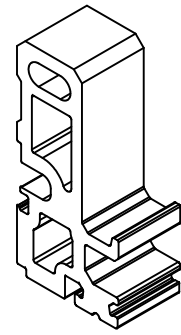
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 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Contact: \_\_\_\_\_

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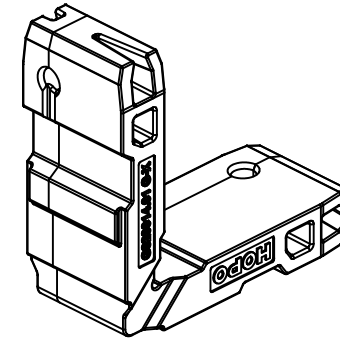
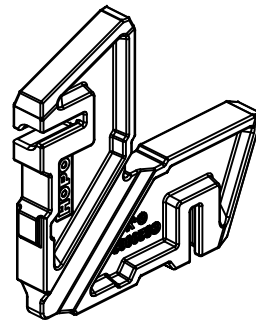
Drawn By: MR  
 Checked By: \_\_\_\_\_  
 Date: 5/25/24  
 Scale: AS NOTED  
 Project #: JOB #

# STORO

G50折叠(隔热) G50Folding(thermal-break) 辅料详图Drawing



编号 Article NO.	名称 Description	材料 Material	编号 Article NO.	名称 Description	材料 Material
G850001.X	中挺连接件 Middle frame connector	6063-T5	G850051.X	中挺连接件 Middle frame connector	6063-T5

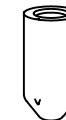
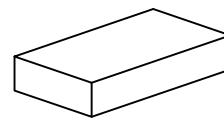


编号 Article NO.	名称 Description	材料 Material	编号 Article NO.	名称 Description	材料 Material
G820002.H	283角码 Corner cleat	ADC12	G820014.H	105角码 Corner cleat	ADC12

P/N: NSB562 (GS8)

**intertek**  
Total Quality. Assured.

Report #: R6030.01-303-44  
Date: 12/11/24  
Verified by: *Benjamin John*



编号 Article NO.	名称 Description	材料 Material	编号 Article NO.	名称 Description	材料 Material
G707000.X	中挺密封垫 Middle frame seal block	发泡橡胶 rubber	G768502.X	Φ 5*10销钉 Dowel	6061-T6

ENGINEER STAMP

Job Name: **NAFR - AWS**  
INTERTEK (ATT) FHC BI-FOLD DOOR G50 (INSWIN)  
REF QUOTE:  
Phone: N/A  
Fax: N/A  
Contact: KIRBY MOSER

Customer:  
Phone:  
Fax:  
Contact:

REV#	DATE	DRAWN BY
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Drawn By: MR  
Checked By:  
Date: 5/25/24  
Scale: AS NOTED  
Project #: JOB #

Sheet No.

Mtl	Part	Desc	Qty	UOM
GS1	DC795BL	795 BLACK SILICONE BLDG. SEALANT BY DOW CORNING	1	EA
GS2	BFSFBLOCK	BI FOLD SIDE FRAME SEAL BLOCK	2	EA
GS3	BFSASH	BI FOLD SASH SEALING GASKET	50	FT
GS4	BFFRAMESEAL1NG	BI FOLD FRAME SEALING GASKET	44	FT
GS5	BFRSASH	BI FOLD R SASH SEALING GASKET ANGLE R	6	EA
GS6	BFLSASH	BI FOLD L SASH SEALING GASKET ANGLE L	6	EA
GS7	BFBFSEAL	BTM FRAME GASKET SEAL	2	EA
GS8	NSB562	1/8 X 1/2 X 2 NEOPRENE SETTING BLOCK GRADE 80	50	EA
GS9	BFRSEAL1NG	BI FOLD SEALING GASKET ANGLE R	2	EA
GS10	BFBTSEAL1NG	BI FOLD BOTTOM TRACK SEALING GASKET	20	FT
GS11	BFSSEAL1NG	BI FOLD SASH SEALING GASKET	54	FT
GS12	S150C	FHC S150 SERIES ACETIC CURE SILICONE SEALANT- CLEAR	1	EA
GS13	BFOVERLAP	BI FOLD OVERLAP GASKET	1	EA
GS14	R1G38B	3/8 ROLL IN WEDGE GASKET FOR 3/8 GLASS	54	FT
GS15	BFGCOVER	BI FOLD C GROOVE COVER	1	EA
GS16	BFWRSASH	FIXED SASH WATER RETAINING GASKET FOR EXTERIOR DOOR	1	EA

ENGINEER STAMP


Job Name: **NAFR - AWS**  
 INTERTEK (ATT) FHC BI-FOLD DOOR G50 (INSWIN)  
 REF QUOTE#: \_\_\_\_\_  
 Phone: N/A  
 Fax: N/A  
 Contact: KIRBY MOSER

Customer: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Contact: \_\_\_\_\_

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Drawn By: MR  
 Checked By:  
 Date: 5/25/24  
 Scale: AS NOTED  
 Project #: JOB #

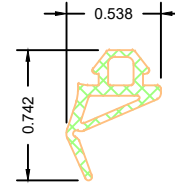
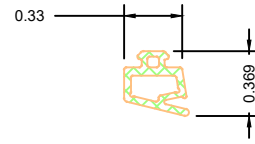
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Report #: R6030.01-303-44  
 Date: 12/11/24  
 Verified by: *Erigeni John*

P/N: BFFRAMESEALING (GS4)

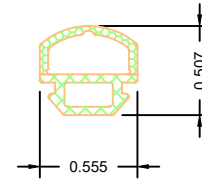
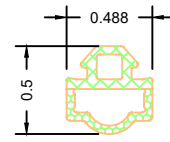
P/N: BFOVERLAP (GS13)



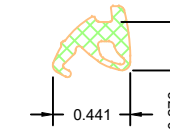
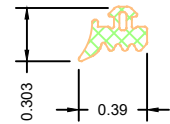
编号 Article NO.	名称 Description	材料 Material	编号 Article NO.	名称 Description	材料 Material
G705491.X	框密封胶条 Frame Sealing gasket	EPDM	G705451.X	搭合胶条Overlap gasket	EPDM

P/N: BFSASH (GS3)

P/N: BFSSEALING (GS11)



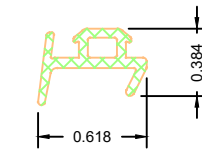
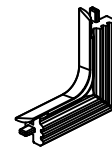
编号 Article NO.	名称 Description	材料 Material	编号 Article NO.	名称 Description	材料 Material
G705433.X	扇密封胶条Sash Sealing gasket	EPDM	G705473.X	扇密封胶条Sash Sealing gasket	EPDM



编号 Article NO.	名称 Description	材料 Material	编号 Article NO.	名称 Description	材料 Material
G701011.X	玻外密封胶条 Outer glass sealing gasket	EPDM	G701131.X	玻内密封胶条 inner glass sealing gasket	EPDM

P/N: BFRSEALING (GS9)

P/N: BFWRSASH (GS16)



编号 Article NO.	名称 Description	材料 Material	编号 Article NO.	名称 Description	材料 Material
G701021.X	玻外胶角 Outside gasket Angle	EPDM	G701211.X	固定扇挡水胶条 Water retaining gasket for fixed sash	PA6

Report #: R6030.01-303-44  
Date: 12/11/24  
Verified by: *Enjini John*

ENGINEER STAMP

Job Name: **NAFR - AWS**  
INTERTEK (ATT) FHC BI-FOLD DOOR G50 (INSWIN)  
REF QUOTE:  
Phone: N/A  
Fax: N/A  
Contact: KIRBY MOSER

Customer:  
Phone:  
Fax:  
Contact:

REV#	DATE	DRAWN BY
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Drawn By: MR  
Checked By:  
Date: 5/25/24  
Scale: AS NOTED  
Project #: JOB #

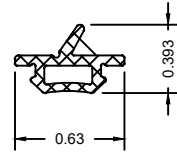
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# STORO

G50折叠(隔热) G50Folding(thermal-break) 辅料详图Drawing

P/N: BFBTSEALING (GS10)



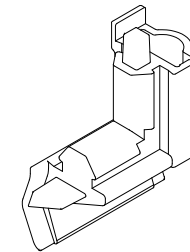
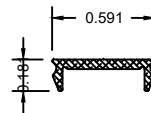
编号 Article NO.	名称 Description	材料 Material	编号 Article NO.	名称 Description	材料 Material
G705511. X	门框密封胶条Bottom track sealing gasket	EPDM	G702712. X	Ø4圆棒胶条Round bar gasket	EPDM

P/N: BFGCOVER (GS15)

P/N: BFLSASH (GS6)

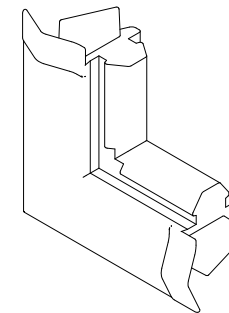
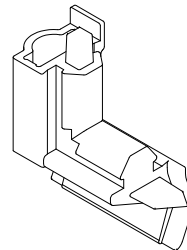
**intertek**  
Total Quality. Assured.

Report #: R6030.01-303-44  
Date: 12/11/24  
Verified by: *Benjamin John*



编号 Article NO.	名称 Description	材料 Material	编号 Article NO.	名称 Description	材料 Material
G025003. X	C槽扣盖C groove cover	PVC	G705421. X	扇密封胶角L Sash sealing angle L	EPDM

P/N: BFRSASH (GS5)



编号 Article NO.	名称 Description	材料 Material	编号 Article NO.	名称 Description	材料 Material
G705441. X	扇密封胶角R Sash sealing angle R	EPDM	G705461. X	扇密封胶角Sash sealing angle	EPDM

ENGINEER STAMP

Job Name: **NAFR - AWS**  
INTERTEK (ATTN) FHC BI-FOLD DOOR G50 (INSWIN)  
REF QUOTE#: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: N/A  
Contact: KIRBY MOSER

Customer: \_\_\_\_\_  
Phone: \_\_\_\_\_  
Fax: \_\_\_\_\_  
Contact: \_\_\_\_\_

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Drawn By: MR  
Checked By:  
Date: 5/25/24  
Scale: AS NOTED  
Project #: JOB #

# STORO

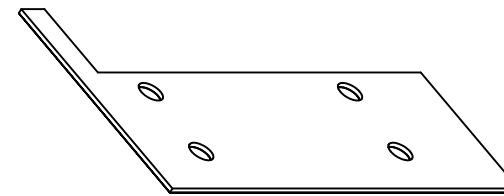
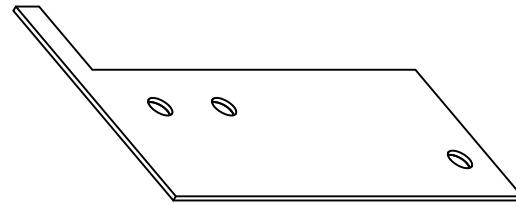
G50折叠(隔热) G50Folding(thermal-break) 辅料详图Drawing



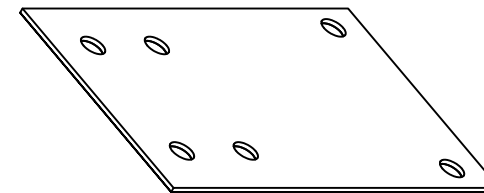
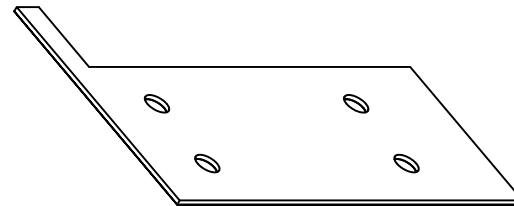
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G768201. X	M5顶丝Screw	1010	G768502. X	Φ 5*10销钉 Dowel	6061-T6

P/N: BFBFSEAL (GS7)

P/N: BFSFBLOCK (GS2)



编号 Article NO.	名称 Description	材料 Material	编号 Article NO.	名称 Description	材料 Material
G706001. X	下框密封垫 Bottom frame gasket seal	1613橡胶 rubber	G706000. X	侧框密封垫Side frame seal block	1613橡胶 rubber



编号 Article NO.	名称 Description	材料 Material	编号 Article NO.	名称 Description	材料 Material
G706002. X	下框密封垫 Bottom frame gasket seal	1613橡胶 rubber	G706003. X	中框密封胶垫 Middle frame seal block	1613橡胶 rubber

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Report #: R6030.01-303-44  
Date: 12/11/24  
Verified by: *Benjamin John*

ENGINEER STAMP

Job Name: **NAFR - AWS**  
INTERTEK (ATT) FHC BI-FOLD DOOR G50 (INSWIN)  
REF QUOTE:  
Phone: N/A  
Fax: N/A  
Contact: KIRBY MOSER

Customer:  
Phone:  
Fax:  
Contact:

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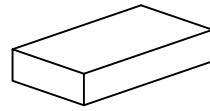
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Checked By:  
Date: 5/25/24  
Scale: AS NOTED  
Project #: JOB #

Sheet No.

# STORO

G50折叠(隔热) G50Folding(thermal-break) 辅料详图Drawing

P/N: NSB562 (GS8)



编号 Article NO.	名称 Description	材料 Material
G707000. X	中挺密封垫 Middle frame seal block	发泡橡胶 rubber

	Report #: R6030.01-303-44
	Date: 12/11/24
	Verified by:

ENGINEER STAMP

Job Name: **NAFR - AWS**  
 INTERTEK (ATT) FHC BI-FOLD DOOR G50 (INSWIN)  
 REF QUOTE#: Phone: N/A Fax: N/A  
 Contact: KIRBY MOSER

Customer: Phone: Fax: Contact:

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Drawn By: MR  
 Checked By:  
 Date: 5/25/24  
 Scale: AS NOTED  
 Project #: JOB #

Sheet No.

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ENGINEER STAMP

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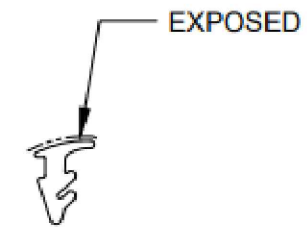
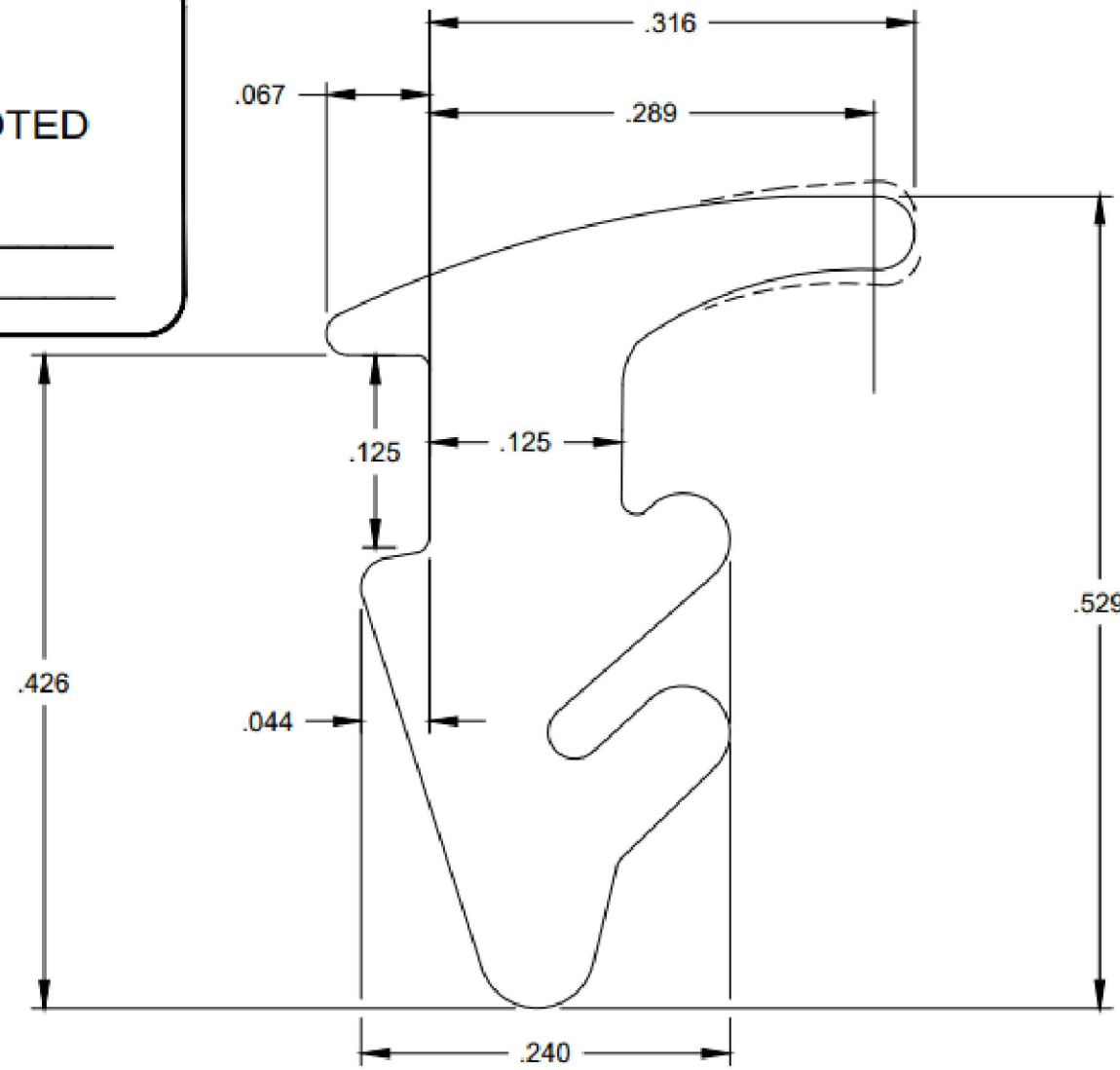
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- APPROVED
- APPROVED AS NOTED
- DISAPPROVED

DATE \_\_\_\_\_  
 BY \_\_\_\_\_

**F**

FULL SCALE



**intertek**  
 Total Quality. Assured.

Report #: R6030.01-303-44  
 Date: 12/11/24  
 Verified by: *Benji Dale*

No.	Date	Description	By
A	5-05-20	REDUCED LEG LENGTH PER CUSTOMER	JDW

**TREMCO**  
 SEALANT / WEATHERPROOFING DIVISION

1451 Jacobson Ave Phone : 800-321-6357  
 Ashland, Ohio 44805 U.S.A. Fax : 419-289-6645

Customer: FHC Customer Part No.  
 Project: Rev No.

Drawn by: JDW Scale: 10X Date: 10/24/2019  
 Compound: EPDM Designed F.C. +.250 Drawing No.  
 Durometer: 70 ±5 Area: .0833 TR-26013E

Print date: 5/5/2020 12:10:56 PM

The design of the gasket shown herein is the product of Tremco Incorporated. No reproduction or use of this design is authorized without the consent of Tremco Incorporated.

P/N: RIG38B (GS14)

Job Name: **NAFR - AWS**  
 INTERTEK (ATI) FHC BI-FOLD DOOR G50 (INSWIN)  
 REF QUOTE: \_\_\_\_\_  
 Phone: N/A  
 Fax: N/A  
 Contact: KIRBY MOSER

Customer: \_\_\_\_\_  
 Phone: \_\_\_\_\_  
 Fax: \_\_\_\_\_  
 Contact: \_\_\_\_\_

DRAWN BY: \_\_\_\_\_

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Drawn By: MR  
 Checked By: \_\_\_\_\_  
 Date: 5/25/24  
 Scale: AS NOTED  
 Project #: JOB #

Sheet No.



Total Quality. Assured.

25800 Commercentre Drive  
Lake Forest, California 92630

Telephone: 949-469-5190  
Facsimile: 717-764-4129  
[www.intertek.com/building](http://www.intertek.com/building)

**TEST REPORT FOR FRAMELESS HARDWARE COMPANY LLC.**

Report No.: R6030.01-303-44 R0

Date: 12/11/24

**SECTION 11**

**REVISION LOG**

REVISION #	DATE	PAGES	REVISION
0	12/11/24	N/A	Original Report Issue