

CENDEK RAILINGS LTD.

TEST REPORT

SCOPE OF WORK

REPORT OF 6 FT. PRIVACY WALL TESTED IN ACCORDANCE WITH CUSTOMER SPECIFICATION FOR DYNAMIC WIND SPEED LOADING

REPORT NUMBER

106294860COQ-001

TEST DATE

08/08/25

ISSUE DATE

09/05/25

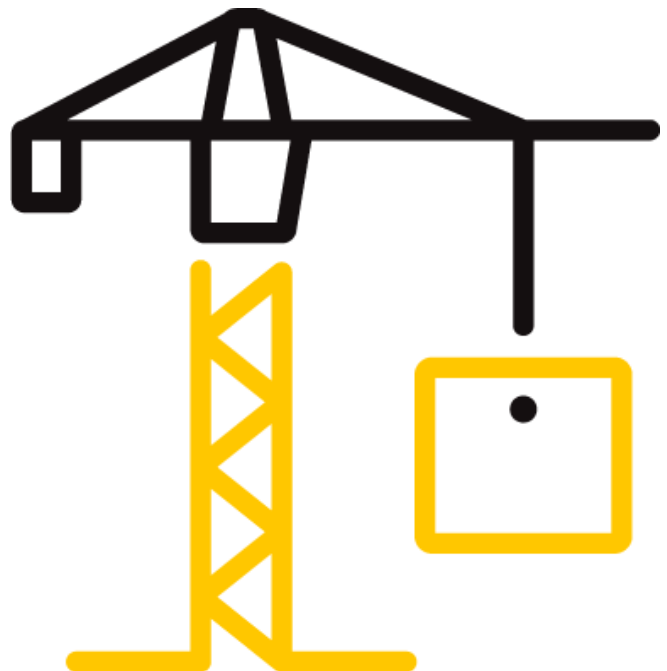
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DOCUMENT CONTROL NUMBER

GFT-OP-10c (09/29/20)

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TEST REPORT FOR CENDEK RAILINGS LTD.

Report No.: 106294860COQ-001

Date: 09/05/25

REPORT ISSUED TO

CENDEK RAILINGS LTD.

9685 Agur St.

Summerland, BC, V0H 1Z2

Canada

SECTION 1

SCOPE

Intertek Building & Construction (B&C) was contracted by Cendek Railings Ltd., 9685 Agur St., Summerland, BC, V0H 1Z2, Canada, to perform testing on their Privacy Wall in accordance with specifications set by the client for dynamic wind speed loading. The scope of the testing as requested by Cendek Railings Ltd., was to assess the ability of the guard systems to resist uniform load when applied by a dynamic wind speed. Results obtained are tested values. Testing was conducted at the Intertek test facility in Coquitlam, BC, Canada on August 8, 2025.

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:

COMPLETED BY:	Jason Komorski	REVIEWED BY:	Baldeep Sandhu
TITLE:	Technician – Building & Construction	TITLE:	Manager – Building & Construction
SIGNATURE:		SIGNATURE:	
DATE:	09/05/25	DATE:	09/05/25

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SECTION 2

SUMMARY OF TEST RESULTS

SYSTEM DESCRIPTION	TEST	PASS/FAIL
Privacy Wall – Deck Mount (6 ft. o/c span1)	170 km/h Wind Speed	Pass
	186 km/h Wind Speed	Pass

Refer to Appendix B for photos of testing.

SECTION 3

TEST REQUIREMENTS

The guard specimens were evaluated in accordance with the following:

CUSTOMER SPECIFICATION: 170 KM/H DYNAMIC WIND SPEED SUSTAINED FOR 60 SECONDS

SECTION 4

MATERIAL SOURCE

The client submitted the guard system to the Evaluation Center on August 1, 2025 (Coquitlam ID# VAN2508081542-001). The sample was received in good condition and was suitable for testing unless noted otherwise. The sample was not independently selected for testing.

SECTION 5

EQUIPMENT

Calibration of test equipment was performed by Intertek B&C in accordance with ISO 17025 requirements.

ASSET #	DESCRIPTION	MODEL	CAL DUE DATE
P60624	Stopwatch	365515	12/19/25
P60656	Fluke Airflow Meter	922	06/20/26
D7749	Wind Generator	Wolf	VBU

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SECTION 6**LIST OF OFFICIAL OBSERVERS**

NAME	COMPANY
Jason Komorski	Intertek B&C
Chris Chang	Intertek B&C
Stanley Miguel	Intertek B&C

The above observer(s) witnessed part of the test program.

SECTION 7**TESTING PROCEDURE**

The evaluation was conducted in accordance with specifications set by the client. The test specimen was loaded at a rate to achieve the specified wind speed within approximately 30 seconds. The specified wind speeds were held for 60 seconds before the load was released. For each test, the sample was inspected after the test duration for failure of any panels. The first test load was specified at 170 km/h. The second test load was limited to the maximum wind speed of the wind generator, which was 186 km/h.

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SECTION 8

TEST SPECIMEN DESCRIPTION

The sample was identified as the following:

TABLE 1. RAILING CONFIGURATION							
PART NAME	PART NUMBER	QTY	PART DIMENSIONS				REPORTED MATERIAL
			LENGTH	WIDTH	HEIGHT	NOMINAL THICKNESS	
6 FT. PRIVACY WALL – DECK MOUNT							
Post	N/A	2	2.53 in.	2.53 in.	72.0 in.	0.09 in.	Aluminum
Baseplate	D000063	2	4.00 in.	4.00 in.	0.25 in.	N/A	Aluminum
Infill – Privacy Board	N/A	12	5.38 in.	70.5 in.	0.63 in.	0.08 in.	Aluminum
Top Cap	N/A	2	2.78 in.	2.78 in.	0.35 in.	0.09 in.	Aluminum
Top Board Bracket	N/A	2	1.50 in.	1.50 in.	0.63 in.	0.07 in.	Aluminum

Note 1: For detailed drawings of the test samples and components, refer to Appendix C.

Note 2: The supporting structure attachment was outside the scope of this evaluation, and is subject to evaluation and approval by the Engineer of Record and the Authority Having Jurisdiction (AHJ). The assembly was attached to a rigid test support using four (4) 1/4 in. x 2 in. Tek screws for each post.

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SECTION 9**TEST RESULTS**

SYSTEM DESCRIPTION	TEST	PASS/FAIL
Privacy Wall – Deck Mount (6 ft. o/c span)	170 km/h Wind Speed – Sustained for 60 seconds	Pass
	186 km/h Wind Speed – Sustained for 60 seconds	Pass

SECTION 10**CONCLUSION**

Intertek Testing Services NA Ltd. (Intertek) has conducted testing for Cendek Railings Ltd. on the Privacy Wall product as per client specifications. The scope of the testing as requested by Cendek Railings Ltd., was to assess the ability of the guard systems to resist dynamic wind load.

The Cendek Railings Ltd. Privacy Wall product identified and evaluated in this report have met the wind load requirements as defined in Section 7 of this report.

The conclusions of this test may not be used as part of the requirements for Intertek product certification. Authority to Mark must be issued for a product to become certified.

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SECTION 11

APPENDIX A – TEST DATA (1 PAGE)

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Total Quality. Assured.

Test: **Wind Resistance**
Date: August 8, 2025
Client: Cendek
Product: 6 ft x 6 ft privacy Screen - Surface mounted
Test Methods: Customer Specified
Wind Speed: 170 km/h & Max speed
Conditioning: N/A
Equipment: Wolf Wind Generator - D7749

Project No: G106294860
Eng/Tech: Jason Komorski
Reviewer: Baldeep Sandhu
Location: Coquitlam, BC, Canada

Time/Temp/RH: 1:10/23.2°C/12%

Duration	Observations
1 min	Tested at 4580 RPM - 170 km/h - Pass
1 min	Tested at 5000 RPM - 186 km/h - Pass

Observation: None

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APPENDIX B – PHOTOS (3 PAGES)

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Figure 1. Privacy Wall - Deck Mount



Figure 2. Privacy Wall - Deck Mount

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Figure 3. Base Plate



Figure 4. Top Board Bracket

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Figure 5. Test setup

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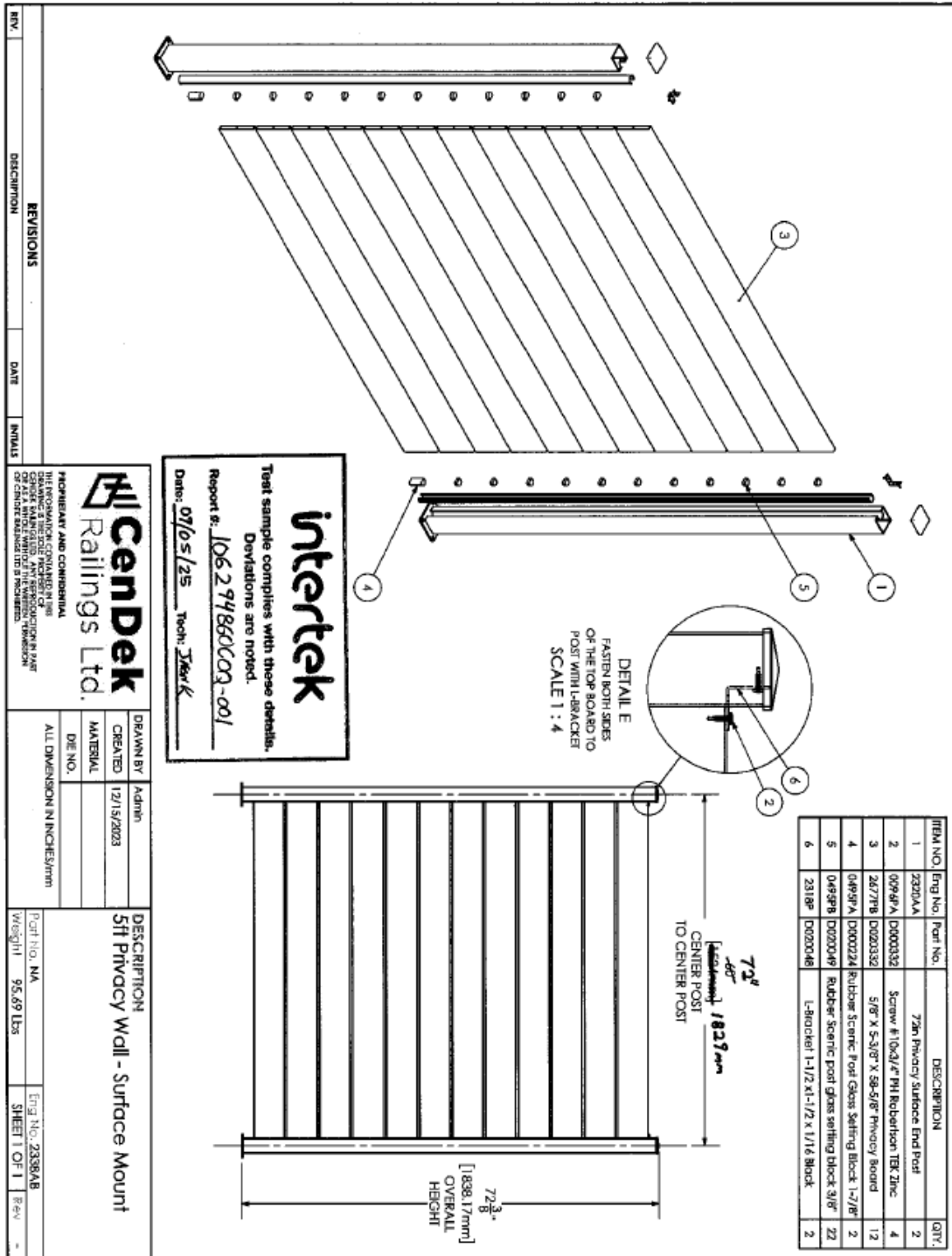
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APPENDIX C – DRAWINGS (4 PAGES)

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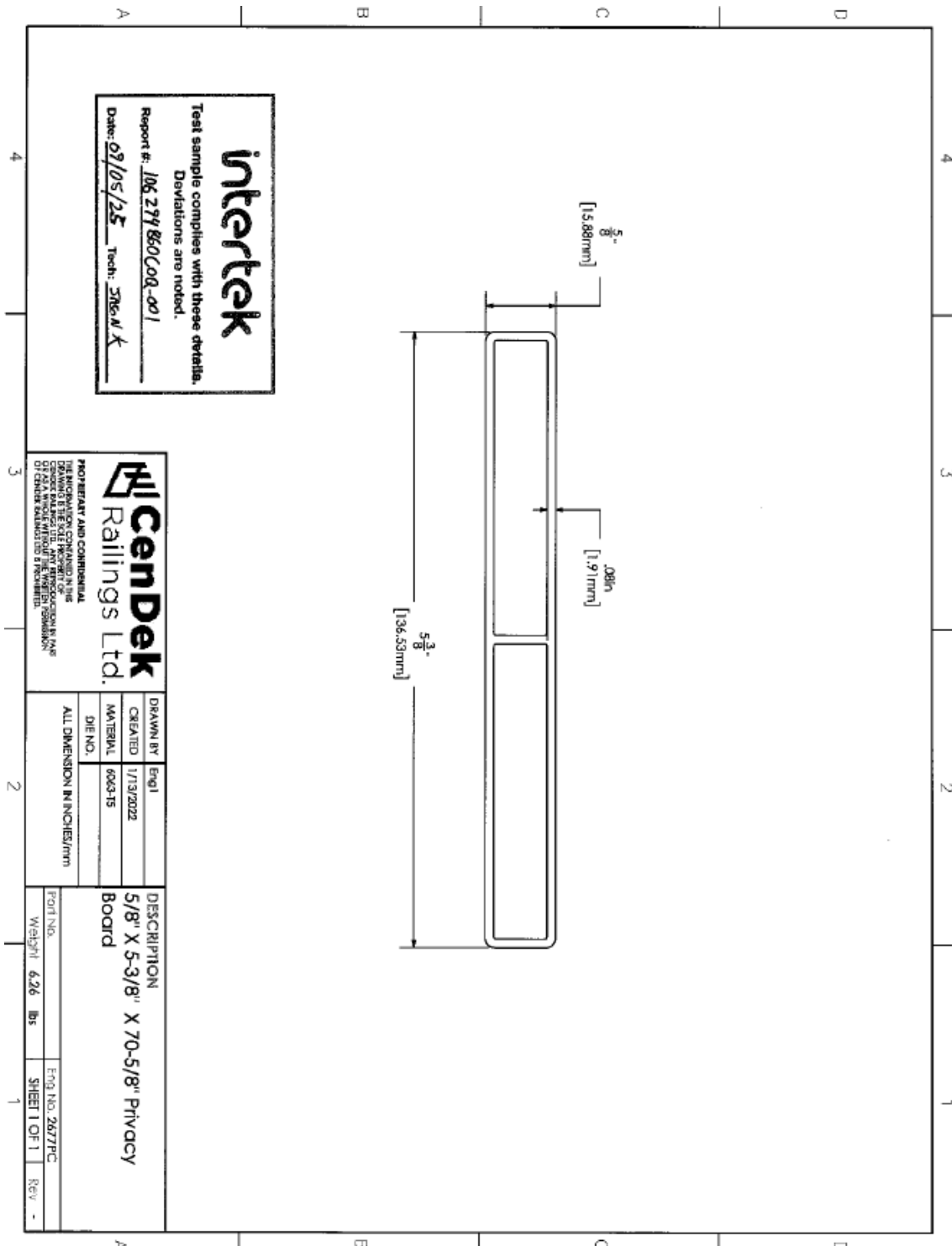
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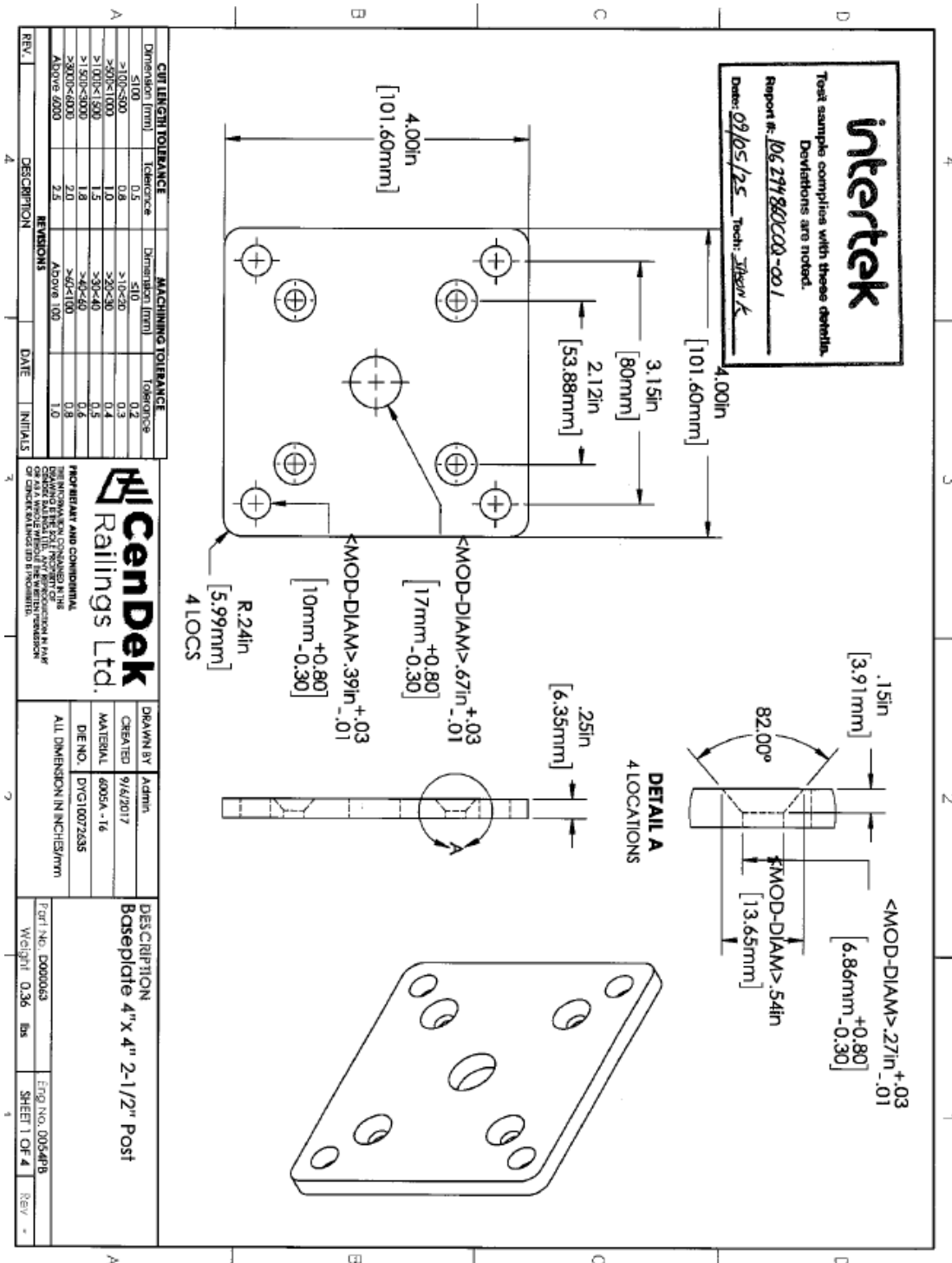
Date: 09/05/25

intertek Test sample complies with these details. Deviations are noted. Report #: 106294860COQ-001 Date: 09/05/25 Tech: SPH/K			
REV.	DESCRIPTION	DATE	INITIAL
Revisions			
Cendek Railings Ltd. THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF CENDEK RAILINGS LTD. AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF CENDEK RAILINGS LTD. IS PROHIBITED.			
DRAWN BY Admin CREATED 9/19/2017 MATERIAL 6063-T5 DIE NO.		DESCRIPTION 2-1/2" Scenic End Post Drawing Part No. NA Weight 1.29 Lbs Eng. No. 0069P2 Rev.	
ALL DIMENSIONS IN INCHES/MM			

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REVISION LOG

REVISION #	DATE	PAGES	REVISION
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