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CENDEK RAILINGS LTD.
TEST REPORT

SCOPE OF WORK
REPORT OF 74-½ IN. CENTURY WELDED PICKET (SURFACE MOUNT) AND 75 IN. CTC ¼ IN. GLASS PANEL (FASCIA MOUNT) RAILING SYSTEMS FOR COMPLIANCE WITH THE APPLICABLE REQUIREMENTS OF THE FOLLOWING:

- 2015 INTERNATIONAL BUILDING CODE (IBC), SECTION 1607.8.1 *HANDRAILS AND GUARDS*
- 2015 INTERNATIONAL RESIDENTIAL CODE (IRC), SECTION R301.5 *LIVE LOAD*

REPORT NUMBER
103615532COQ-002

TEST DATES
08/23/18

ISSUE DATE
08/28/18

PAGES

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APPENDIX B	4 PAGES
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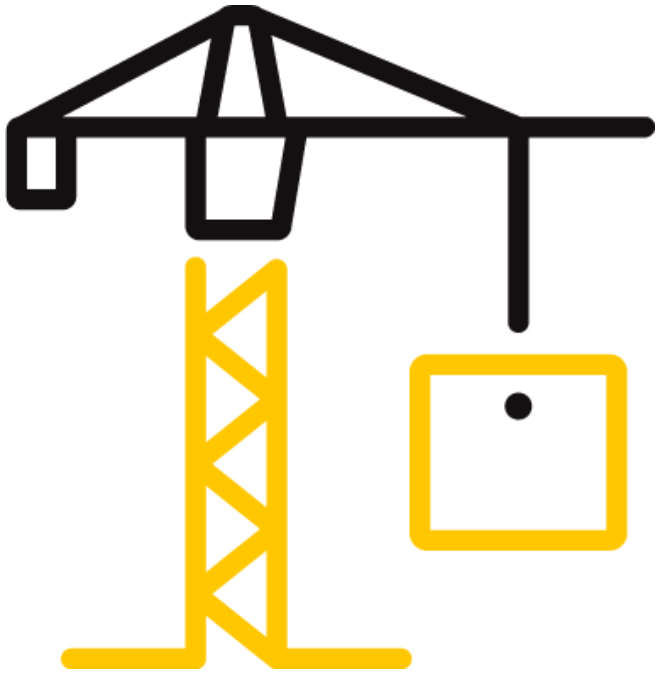
APPENDIX D	7 PAGES

DOCUMENT CONTROL NUMBER
GFT-OP-10c (05/10/17)



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TEST REPORT FOR CENDEK RAILINGS LTD.
Report No.: 103615532COQ-002
Date: 08/28/18

REPORT ISSUED TO

CENDEK RAILINGS LTD.
9685 Agur Street
Summerland, BC V0H 1Z2
Canada

SECTION 1

SCOPE

Intertek Building & Construction (B&C) was contracted by Cendek Railings Ltd to perform testing in accordance with the load requirements of the 2015 IBC and 2015 IRC, on their aluminum railing systems. Results obtained are tested values and were secured by using the designated Building Codes. Testing was conducted at the Intertek test facility in Coquitlam, BC, Canada.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory.

For INTERTEK B&C:

COMPLETED BY:	Chris Chang	**REVIEWED BY:**	Baldeep Sandhu
TITLE:	Senior Tech – Building & Construction	**TITLE:**	Manager – Building & Construction
SIGNATURE:		**SIGNATURE:**	
DATE:	08/28/18	**DATE:**	08/28/18

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TEST REPORT FOR CENDEK RAILINGS LTD.
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SECTION 2
SUMMARY OF TEST RESULTS

SYSTEM DESCRIPTION	TEST	PASS/FAIL
74-½ in. Century Welded Picket Railing System – Surface Mount	In-fill Load	Pass
	Uniform Load	Pass
	Mid-Span Concentrated Load	Pass
	Adjacent to Post Concentrated Load	Pass
	Top of Post	Pass
75 in. CTC ¼ in. Glass Panel Railing System – Fascia Mount	In-fill Load	Pass
	Uniform Load	Pass
	Mid-Span Concentrated Load	Pass
	Adjacent to Post Concentrated Load	Pass
	Top of Post	Pass

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SECTION 3
TEST METHOD

The specimens were evaluated in accordance with selected sections of the following:

2015 International Building Code (IBC), *Section 1607.8.1, Handrails and Guards*

2015 International Residential Code (IRC), *Section R301.5,* Live Load

SECTION 4
MATERIAL SOURCE

The client submitted two (2) railing systems to the Evaluation Center on August 14, 2018 (Coquitlam ID# VAN1808141240-001). Samples were not independently selected for testing. Samples were received in good condition and were suitable for testing unless noted otherwise.

SECTION 5
EQUIPMENT

ITEM	ID#	CALIBRATION
Artech 5k lb S-Type Load Cell	P60692	August 21, 2019
Vaisala Temperature and Humidity Indicator	9-0176	January 24, 2019
Stopwatch	P60444	June 26, 2019

SECTION 6
LIST OF OFFICIAL OBSERVERS

NAME	COMPANY
Kevin Penner	Intertek B&C

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TEST REPORT FOR CENDEK RAILINGS LTD.
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SECTION 7
TESTING PROCEDURE

The test specimens were loaded at a rate to achieve the specified loads between 10 seconds and 5 minutes. The specified test loads were held for one minute before the load was released. The following tests were conducted:

2015 IBC: SECTION 1607.8.1 HANDRAILS AND GUARDS

1) Handrails and guards shall be designed to resist a linear load of 50 pounds per linear foot (plf) (0.73 kN/m) applied in any direction along the handrail or top rail.

2) Handrails and guards shall be designed to resist a concentrated load of 200 pounds (0.89 kN), applied in any direction at any point on the handrail or top rail and to transfer the load through the supports to the structure to produce the maximum load effect on the element being considered.

3) Intermediate rails (all those except the handrail), balusters and panel fillers shall be designed to withstand a horizontally applied normal load of 50 pounds (0.22 kN) on an area not to exceed 12 in. by 12 in. (305 mm by 305 mm) including openings and space between rails and located so as to produce the maximum load effect.

2015 IRC: SECTION R301.5 LIVE LOAD

1) Handrails and guards shall be designed to resist a concentrated load of 200 pounds (0.89 kN), applied in any direction at any point on the handrail or top rail and to transfer the load through the supports to the structure to produce the maximum load effect on the element being considered.

2) Intermediate rails (all those except the handrail), balusters and panel fillers shall be designed to withstand a horizontally applied normal load of 50 pounds (0.22 kN) on an area not to exceed 12 in. by 12 in. (305 mm by 305 mm) including openings and space between rails and located so as to produce the maximum load effect.

Notes: A live load factor of 2.5 was applied to the above loads.

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IN-FILL LOAD TEST

For the picket railing system, a load of 125 lbs was applied using a 1 square foot block normal to the in-fill. A load of 200 lbs was used for the glass railing system. After release of the load, the system was evaluated for failure, any evidence of disengagements of any component and/or visible cracking from any component.

UNIFORM LOAD TEST

The guardrail system was subjected to a maximum equivalent uniform load of 125 plf applied horizontally to the top rail. The load was applied using quarter point loading. After release of the load, the system was evaluated for failure, any evidence of disengagements and/or visible cracking from any component.

CONCENTRATED LOAD TEST

The top rail of the guardrail system was subjected to three (3) separate tests where a concentrated load of 500 lbs was applied:

- horizontally at the mid-span of the top rail,
- horizontally at the top rail adjacent to the post connection to verify the connection capacity, and
- horizontally at the top of the post.

SECTION 8
TEST SPECIMEN DESCRIPTION

The sample was identified as the following:

Table 1. Railing Configuration

Railing	Post	Post Spacing	Mounting Plate	Rails	In-fill
Century Welded Picket Railing System – Surface Mount	2-½ in. x 2-½ in.	74-½ in.	4 in. x 4 in. x ¼ in.	42 in. high	5/8 in. x 5/8 in. pickets
CTC ¼ in. Glass Panel Railing System – Fascia Mount	2-½ in. x 2-½ in.	75 in.	4 in. x 4 in. x ¼ in. with 2.50 fascia bracket	42 in. high	¼ in. glass panel

Each railing had one (1) support leg under the bottom rail at mid-span. For the Century Welded Picket Railing System, the support leg was rigidly fixed to the test frame by screwing the front side with a #8 x 1-1/2 in. long deck screw into nominal 2x4 SPF lumber, which was then clamped to the steel test frame. For the CTC ¼ in. Glass Panel Railing System, the support leg was clamped directly to the steel frame.

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For detailed drawings of the test sample and components, refer to Appendix C and D.

Note: The installation of the guardrails to the decks was not within the scope of this report, and is subject to evaluation and approval by the building official. Four 3/8 in. grade 5 bolts and washers on each post were used to install the specimen for testing.

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SECTION 9
TEST RESULTS

A full set of test results is included in Appendix A.

SECTION 10
CONCLUSION

The Cendek Railings Ltd. aluminum railing systems identified and evaluated in this report have met the load requirements of the following:

- 2015 International Building Code (IBC)*, Section 1607.8.1, Handrails and Guards*
- 2015 International Residential Code (IRC)*, Section R301.5,* Live Load

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SECTION 11

APPENDIX A – TEST DATA (3 PAGES)

Company	Cendek Railings Ltd.	Technician(s)	Kevin Penner
Project No.	G103615532	Reviewer	Baldeep Sandhu
Models	74-1/2 in. Welded Picket, 75 in. 1/4 in. Glass Panel	Start/End Date	August 22-24, 2018
Product Name	Same as above	Sample ID	VAN1808141240-001
Standard	**2015 International Building Code (IBC), 2015 International Residential Code (IRC)**		

Test Data Package

Table of Contents

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Test:	**Loads on Guards**			Project:	G103615532
Date:	22-Aug-18			Eng/Tech:	Kevin Penner
Client:	Cendek Railings Ltd.			Reviewer:	Baldeep Sandhu
Product:	**74-1/2 in. Century Welded Picket Deck Mounted Railing System**			Location:	Coquitlam, BC, Canada
Post Spacing:	6.21 ft	1.89 m			
Height of Guard:	42 in	1067 mm			
Opening in Guard:	3.88 in	98 mm			

Method: 2015 International Building Code (IBC)
2015 International Residential Code (IRC)

Safety Factor: 2.50

Equipment: Artech 5000 lbf Load Cell (Intertek ID# P60692, cal due August 21, 2019)
Vaisala Temp/RH Indicator (Intertek ID# 9-0176, cal due January 24, 2019)
Stopwatch (Intertek ID# P60444, cal due June 26, 2019)

Time/Temp/RH: 1:00 PM / 25.8°C / 53.5%

Direction	Test	Design Load (Inward/ Outward) (lbf)	Factored Load	Calculated Moment (lbf-ft)	Equivalent Quarter-Point Load (lbf)	Required Proof Load (lbf)	Pass/Fail
Outward	Individual Elements (over 12 in. x 12 in.) (most critical location)	50	125	-	-	125	**Pass**
	Midspan Horizontal Concentrated Load	200	500	-	-	500	**Pass**
	Top Rail Adjacent to Connection Concentrated Load	200	500	-	-	500	**Pass**
	Top of Post	200	500	-	-	500	**Pass**
	Horizontal Uniform Load (per ft)	50	125	602	388	776	**Pass**

Direction	Test	Design Load (Inward/ Outward) (kN)	Factored Load	Calculated Moment (kNm)	Equivalent Quarter-Point Load (kN)	Required Proof Load (kN)	Pass/Fail
Outward	Individual Elements (over 305 mm in. x 305 mm) (most critical location)	0.22	0.56	-	-	0.56	**Pass**
	Midspan Horizontal Concentrated Load	0.89	2.22	-	-	2.22	**Pass**
	Top Rail Adjacent to Connection Concentrated Load	0.89	2.22	-	-	2.22	**Pass**
	Top of Post	0.89	2.22	-	-	2.22	**Pass**
	Horizontal Uniform Load (per m)	0.73	1.83	0.82	1.73	3.45	**Pass**

Mode of Failure:

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Test:	**Loads on Guards**			Project:	G103615532
Date:	23-Aug-18			Eng/Tech:	Kevin Penner
Client:	Cendek Railings Ltd.			Reviewer:	Baldeep Sandhu
Product:	**75 in. CTC 1/4 in. Glass Panel Fascia Mounted Railing System**			Location:	Coquitlam, BC, Canada
Post Spacing:	6.25	ft	1.91	m	
Height of Guard:	42	in	1067	mm	
Opening in Guard:	1.73	in	44	mm	

Method: 2015 International Building Code (IBC)
2015 International Residential Code (IRC)

Safety Factor: 2.50
4.00 (for glass in-fill)

Equipment: Artech 5000 lbf Load Cell (Intertek ID# P60692, cal due August 21, 2019)
Vaisala Temp/RH Indicator (Intertek ID# 9-0176, cal due January 24, 2019)
Stopwatch (Intertek ID# P60444, cal due June 26, 2019)

Time/Temp/RH: 3:00 PM / 24.9°C / 53.6%

Direction	Test	Design Load (Inward/ Outward) (lbf)	Factored Load	Calculated Moment (lbf-ft)	Equivalent Quarter-Point Load (lbf)	Required Proof Load (lbf)	Pass/Fail
Outward	Individual Elements (over 12 in. x 12 in.) (most critical location)	50	200	-	-	200	**Pass**
	Midspan Horizontal Concentrated Load	200	500	-	-	500	**Pass**
	Top Rail Adjacent to Connection Concentrated Load	200	500	-	-	500	**Pass**
	Top of Post	200	500	-	-	500	**Pass**
	Horizontal Uniform Load (per ft)	50	125	610	391	781	**Pass**

Direction	Test	Design Load (Inward/ Outward) (kN)	Factored Load	Calculated Moment (kNm)	Equivalent Quarter-Point Load (kN)	Required Proof Load (kN)	Pass/Fail
Outward	Individual Elements (over 305 mm in. x 305 mm) (most critical location)	0.22	0.89	-	-	0.89	**Pass**
	Midspan Horizontal Concentrated Load	0.89	2.22	-	-	2.22	**Pass**
	Top Rail Adjacent to Connection Concentrated Load	0.89	2.22	-	-	2.22	**Pass**
	Top of Post	0.89	2.22	-	-	2.22	**Pass**
	Horizontal Uniform Load (per m)	0.73	1.83	0.83	1.74	3.48	**Pass**

Mode of Failure:

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TEST REPORT FOR CENDEK RAILINGS LTD.
Report No.: 103615532COQ-002
Date: 08/28/18

APPENDIX B – PHOTOS (3 PAGES)

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TEST REPORT FOR CENDEK RAILINGS LTD.
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Figure 1. Century Welded Picket – Mid-Span Concentrated Load Test

Figure 2. Century Welded Picket – Top of Post Concentrated Load Test

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Figure 3. Century Welded Picket – Uniform Load Test

Figure 4. CTC Glass Panel – In-Fill Load Test

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Figure 5. CTC Glass Panel – Adjacent to Post Connection Concentrated Load Test

Figure 6. CTC Glass Panel – Uniform Load Test

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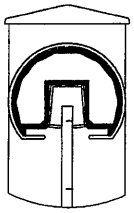
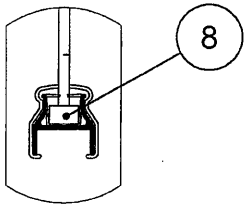
TEST REPORT FOR CENDEK RAILINGS LTD.
Report No.: 103615532COQ-002
Date: 08/28/18

APPENDIX C – DRAWINGS – CTC ¼ IN. GLASS-FASCIA (9 PAGES)

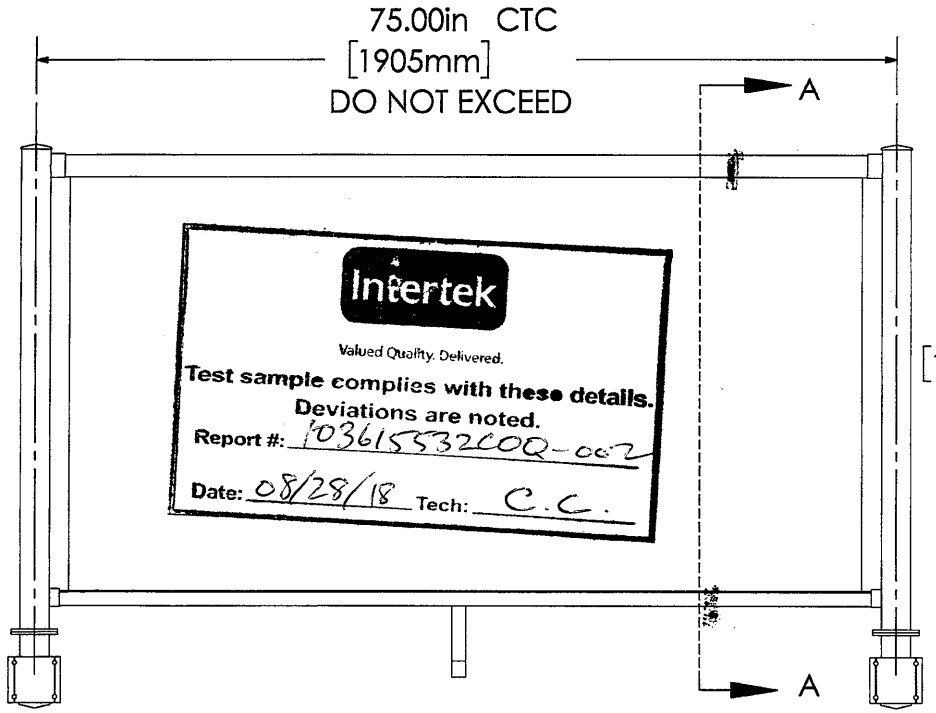


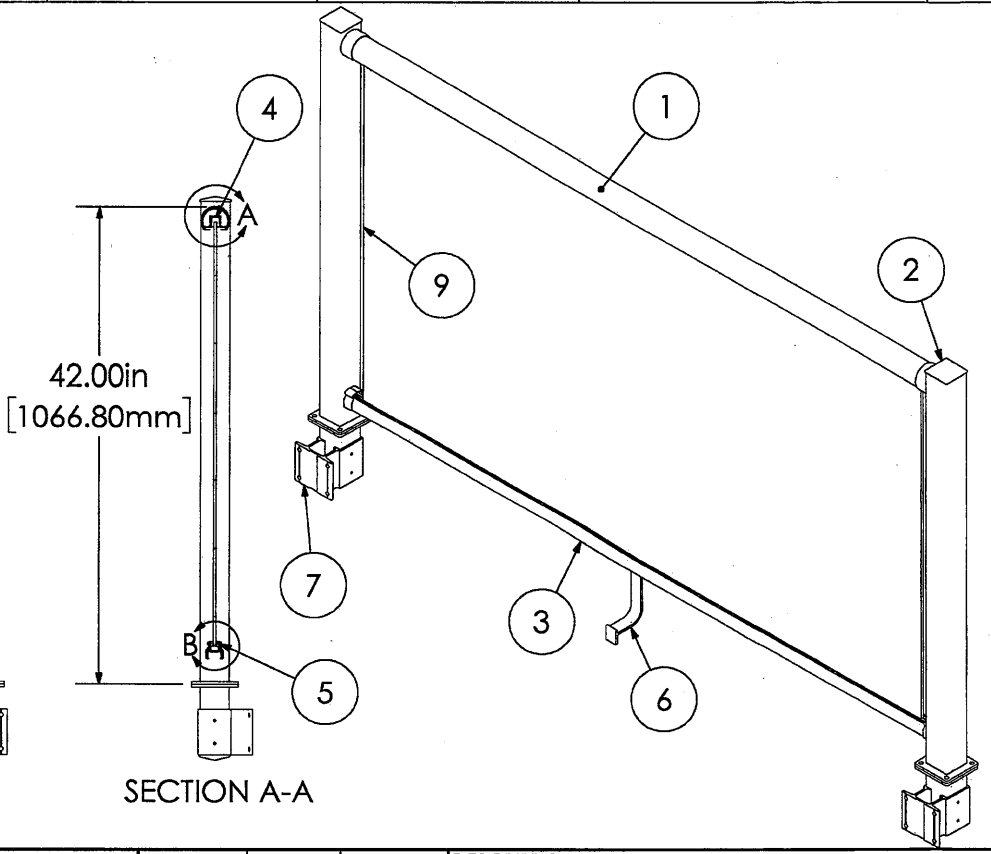
DETAIL A
TOP RAIL CONFIG



DETAIL B
BOTTOM RAIL CONFIG

ITEM NO.	Part/Assy Number	Material	DESCRIPTION	QTY.
1	0299P	6063-T5	72" Century Top Rail	1
2	0086A	6063-T5	42.50 Century End Post	2
3	0323P	6063-T5	Btm Rail - Component	1
4	0297P	PVC Rigid	72" TR Glass Insert	1
5	0296P	PVC Rigid	BR Glass Insert	1
6	0076P	6063-T5	Fascia support leg	1
7	0217A	6063-T5	2.50 Century Fascia Bkt	2
8	0328	Natural Rubber	Rubber Block	2
9	0298P	Glass	69x37.31x0.25 Glass	1





SECTION A-A

THE STRUCTURES WITHIN THE SCOPE OF THIS DRAWING HAVE BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE & 2015 INTERNATIONAL RESIDENTIAL CODE.

REVISIONS			
REV.	DESCRIPTION	DATE	INITIALS

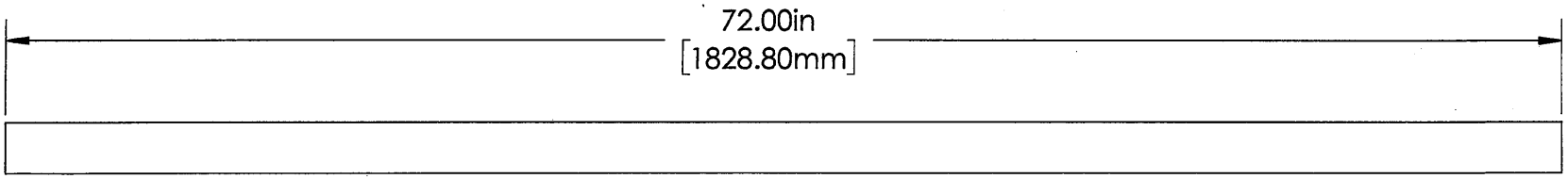
CenDek Railings Ltd.

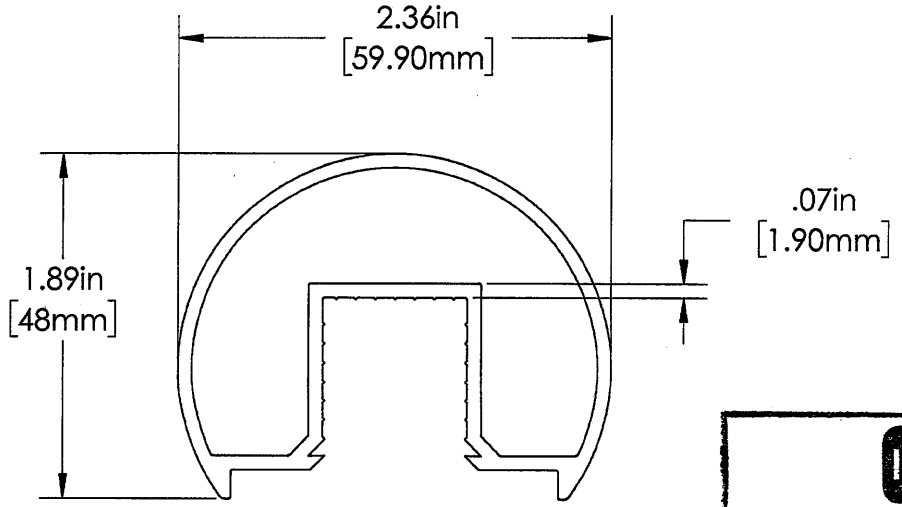
DRAWN	cchislett	8/28/2018
CHECKED		
MATERIAL		
DIE #		
ALL DIMENSION IN INCHES/mm		

DESCRIPTION: 75" CTC 1/4" Glass-Fascia

DWG NO.	REV
0298A	0

WEIGHT	SHEET
74.07 lbs	1 OF 1





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Valued Quality. Delivered.

Test sample complies with these details.
Deviations are noted.

Report #: 10361553COQ-002

Date: 08/28/18 **Tech:** C.C.

CenDek Railings Ltd.

DRAWN	cchislett	8/24/2018
CHECKED	BB	11/7/2017
MATERIAL	6063-T5	
DIE #		
ALL DIMENSION IN INCHES/mm		

DESCRIPTION: 72" Century Top Rail

DWG NO. 0299P

REV 0

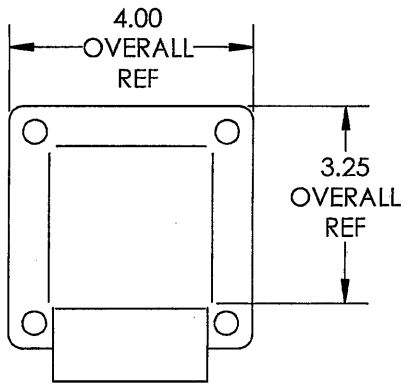
WEIGHT 4.78 Lbs

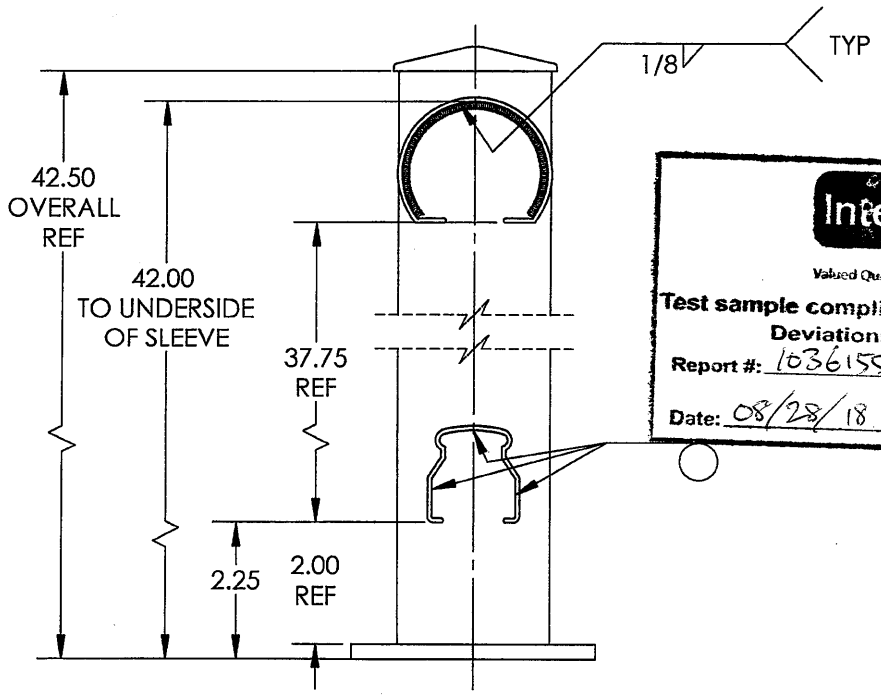
SHEET 1 OF 1

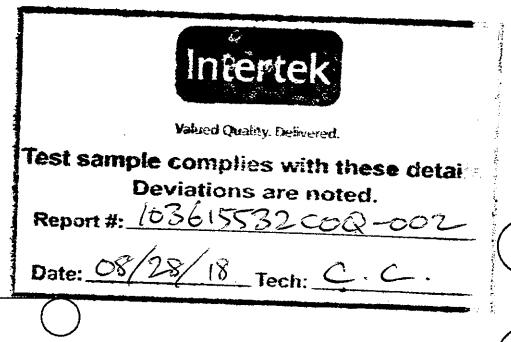
REVISIONS

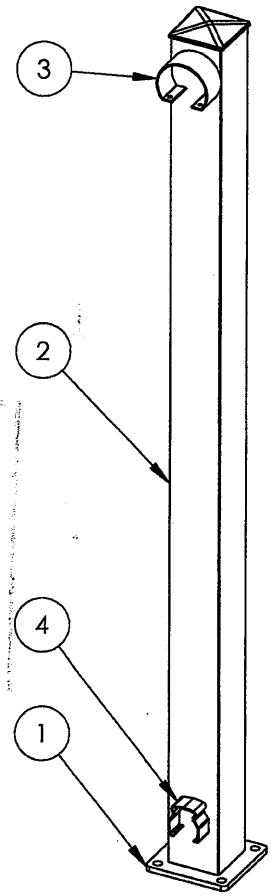
REV.	DESCRIPTION	DATE	INITIALS

ITEM NO.	Part/Assy Number	DESCRIPTION	QTY.
1	0054P	Base Plate 4.0x4.0x0.25	1
2	0071P	Post-2.50x2.50x42.25	1
3	0012P	Century Sleeve	1
4	0199P	Bottom Rail Welded Sleeve	1
5	0078P	Pyramid Cap 2.50 Post	2









REVISIONS			
REV.	DESCRIPTION	DATE	INTIALS

CenDek Railings Ltd.

DRAWN	cchislett	8/17/2018
CHECKED		

ALL DIMENSION IN INCHES

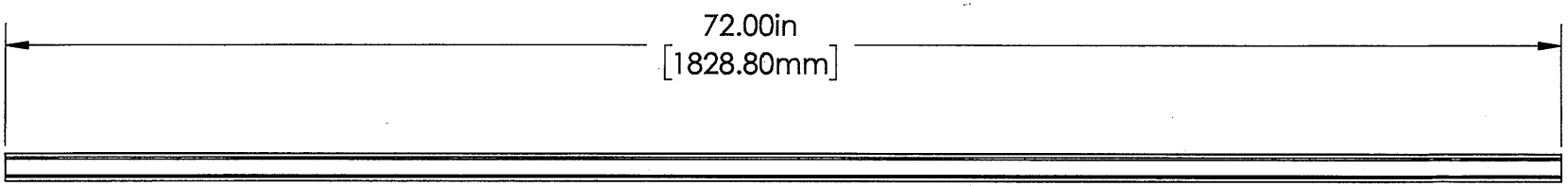
DESCRIPTION: 42.50 Century End Post

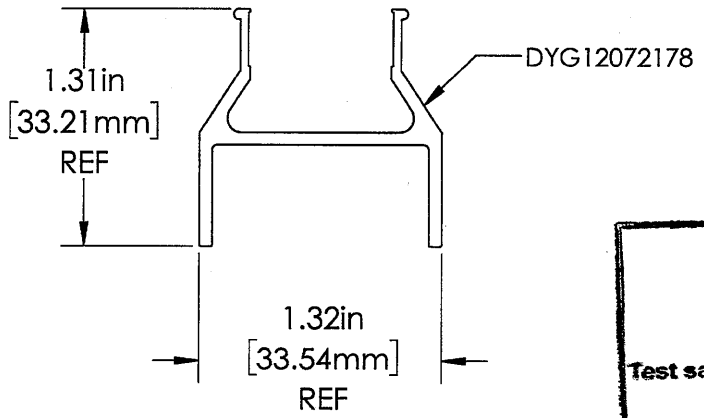
DWG NO. 0086A

REV 0

WEIGHT 3.99 LBS

SHEET 1 OF 1





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Test sample complies with these details.
Deviations are noted.
Report #: 103615532COQ-002
Date: 08/28/18 **Tech:** C.C.

CenDek Railings Ltd.

DRAWN	cchislett	8/27/2018
CHECKED		
MATERIAL	6063-T5	
DIE #		
ALL DIMENSION IN INCHES/mm		

DESCRIPTION: Btm Rail - Component

DWG NO. 0323P

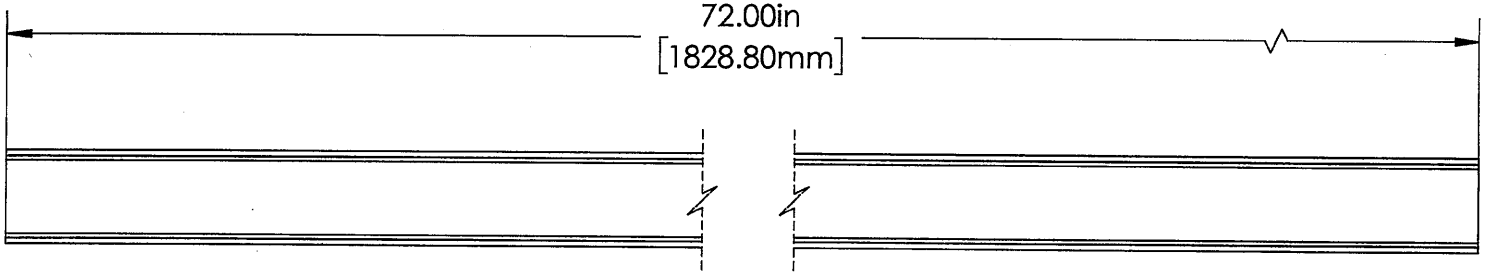
REV 0

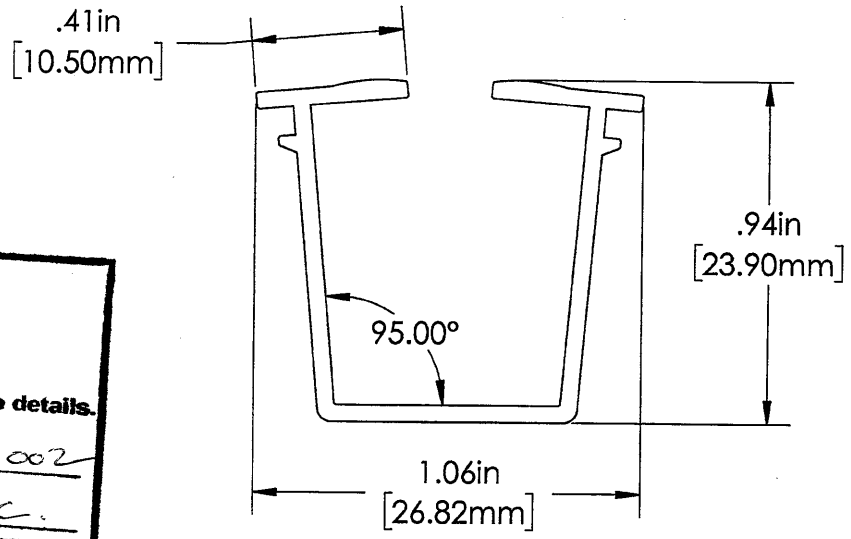
WEIGHT 1.90 Lbs

SHEET 1 OF 1

REVISIONS

REV.	DESCRIPTION	DATE	INITIALS





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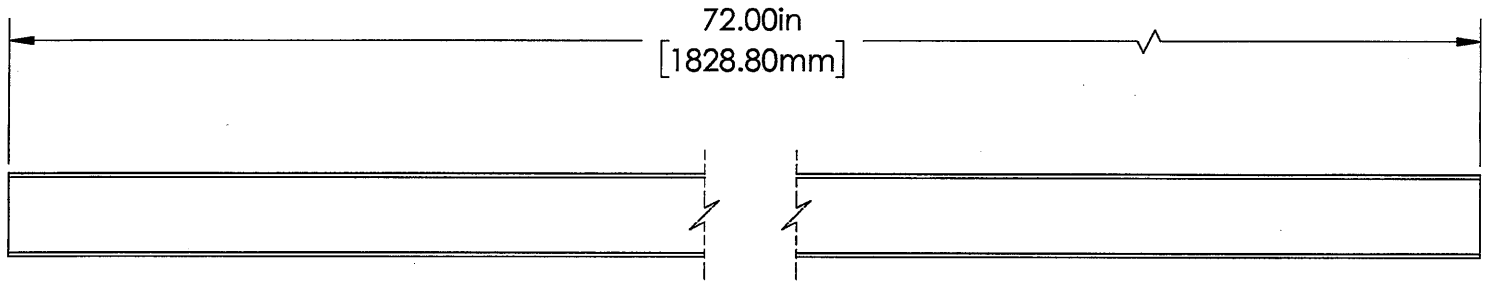
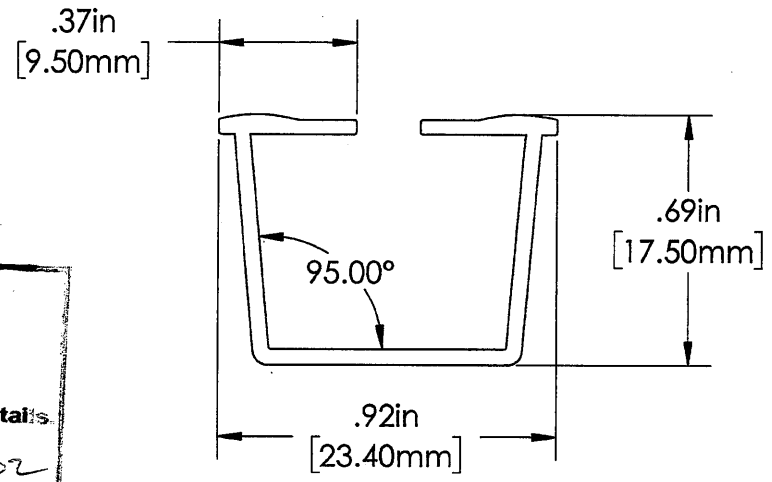
Test sample complies with these details.
Deviations are noted.
Report #: 103615532COQ-002
Date: 08/28/18 Tech: C.C.

REVISIONS			
REV.	DESCRIPTION	DATE	INITIALS

CenDek Railings Ltd.

DRAWN	cchislett	8/27/2018	DESCRIPTION: 72" TR Glass Insert
CHECKED			
MATERIAL	PVC Rigid		
DIE #			DWG NO. 0297P / REV 0
ALL DIMENSION IN INCHES/mm			WEIGHT 0.53 lbs / SHEET 1 OF 1





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Valued Quality. Delivered.

Test sample complies with these details
Deviations are noted.

Report #: 10361553 2COQ-002

Date: 08/28/18 **Tech:** C.C.

REVISIONS			
REV.	DESCRIPTION	DATE	INITIALS

CenDek Railings Ltd.

DRAWN	cchislett	8/27/2018
CHECKED		
MATERIAL	PVC Rigid	
DIE #		
ALL DIMENSION IN INCHES/mm		

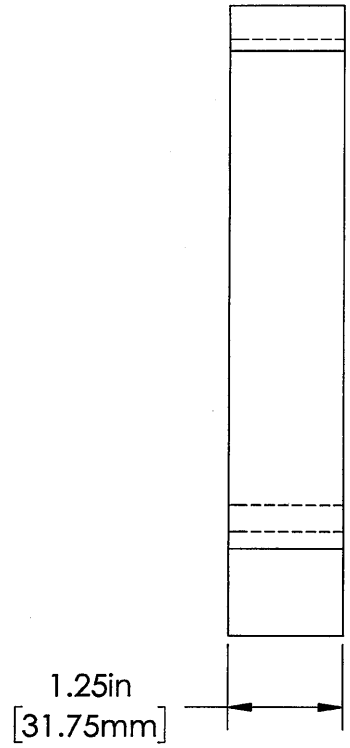
DESCRIPTION: 72" BR Glass Insert

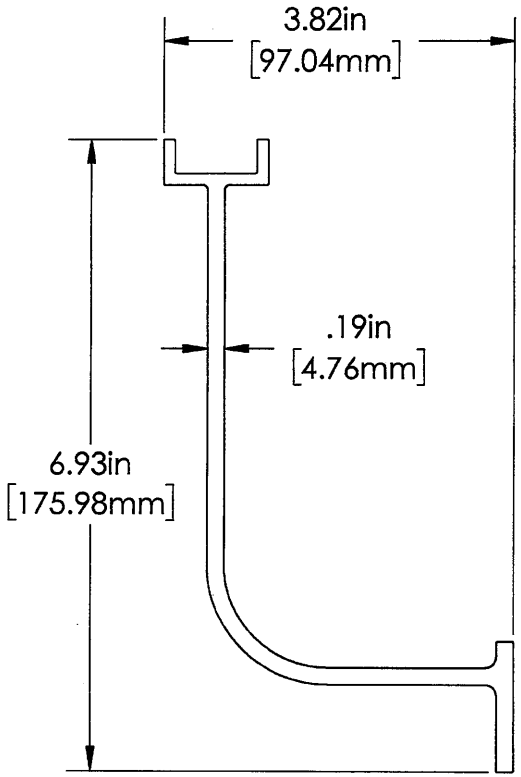
DWG NO. 0296P

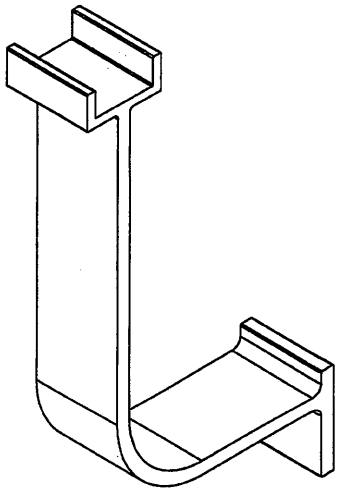
REV 0

WEIGHT 0.39 lbs

SHEET 1 OF 1







Intertek
Valued Quality. Delivered.
Test sample complies with these details.
Deviations are noted.
Report #: 103615532COQ-002
Date: 08/28/18 Tech: C.C.

CenDek Railings Ltd.

DRAWN	cchislett	8/24/2018
CHECKED		
MATERIAL	6063-T5	
DIE #		
ALL DIMENSION IN INCHES/mm		

DESCRIPTION: Fascia support leg

DWG NO. 0076P

REV 0

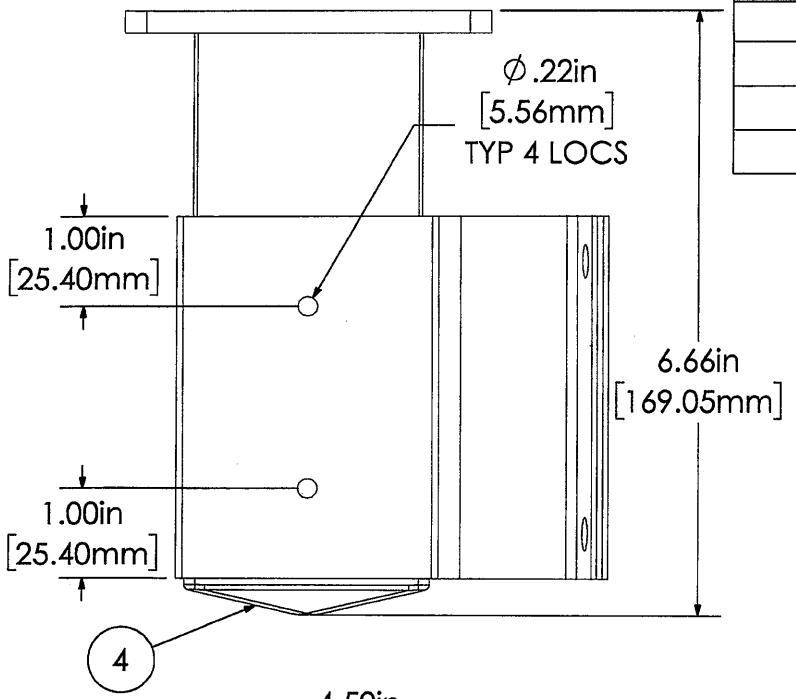
WEIGHT 110.39lbs

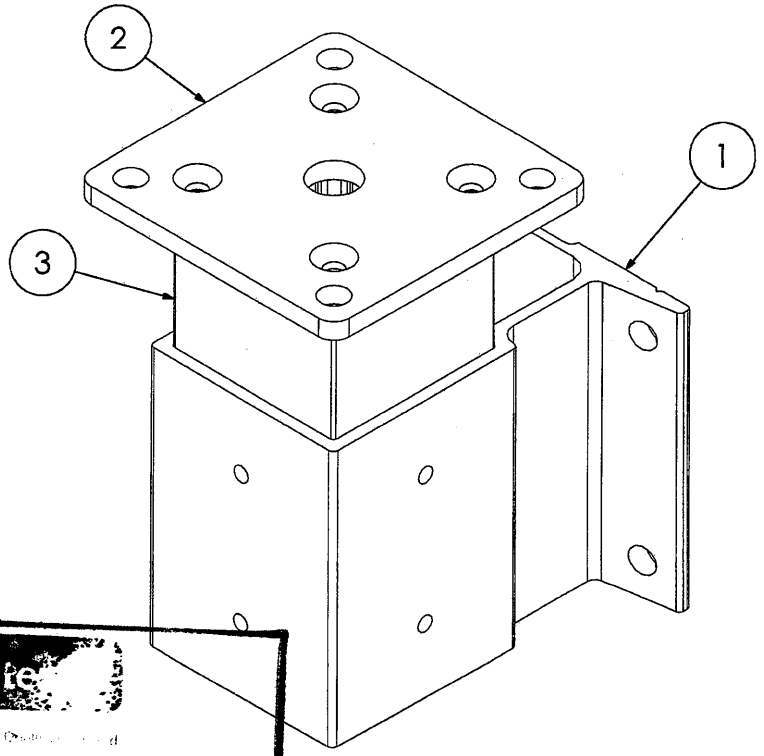
SHEET 1 OF 1

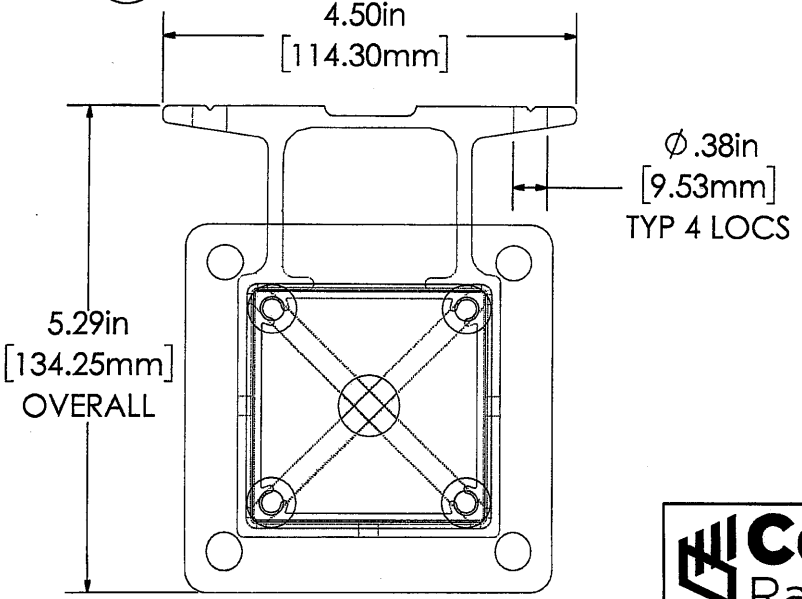
REVISIONS

REV.	DESCRIPTION	DATE	INITIALS

ITEM NO.	Part/Assy Number	Die Number	DESCRIPTION	QTY.
1	0172P	696676	2.50 Fascia Bkt - Line/End	1
2	0054P	DYG10072635	Base Plate 4.0x4.0x0.25	1
3	0101P	DYG12076190	Post-2.50x2.50x38.25	1
4	0078P		Pyramid Cap 2.50 Post	1







Test sample complies with these details.
Deviations are noted.
Report #: 10361553200Q-002
Date: 08/28/18 C.C.

CenDek Railings Ltd.

DRAWN	cchislett	8/28/2018
CHECKED		
MATERIAL		
DIE #		
ALL DIMENSION IN INCHES/mm		

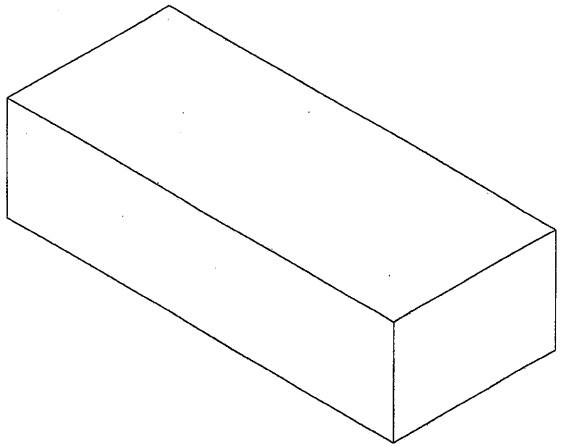
DESCRIPTION: 2.50 Century Fascia Bracket

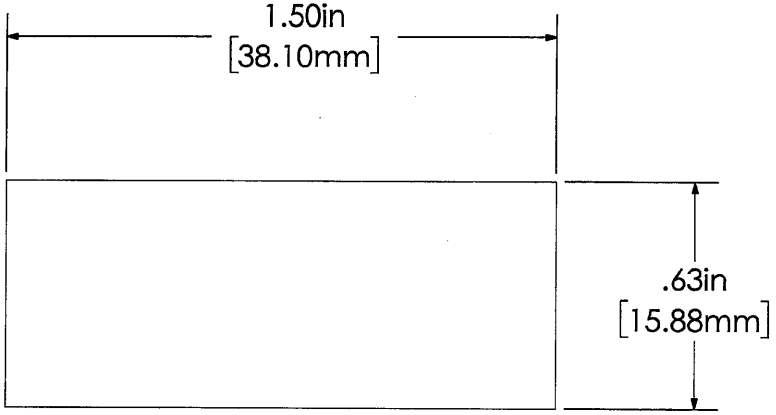
DWG NO. 0217A | REV 0

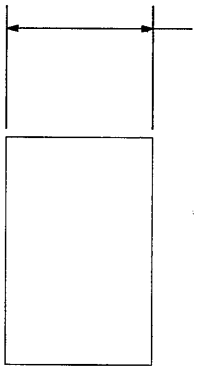
WEIGHT 2.12 lbs | SHEET 1 OF 1

REVISIONS

REV.	DESCRIPTION	DATE	INITIALS







Intertek
Valued Quality. Delivered.
Test sample complies with these details.
Deviations are noted.
Report #: 10361532COQ-002
Date: 08/28/18 Tech: C.C.

CenDek Railings Ltd.

DRAWN	cchislett	8/28/2018
CHECKED		
MATERIAL	Natural Rubber	
DIE #		
ALL DIMENSION IN INCHES/mm		

DESCRIPTION: Rubber Block

DWG NO. 0328 | REV 0

WEIGHT 0.01 lbs | SHEET 1 OF 1

REVISIONS

REV.	DESCRIPTION	DATE	INTIALS

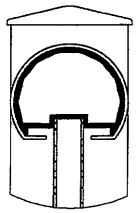
1500 Brigantine Drive
Coquitlam, BC, V3K 7C1

Telephone: 604-520-3321
Facsimile: 604-524-9186
www.intertek.com

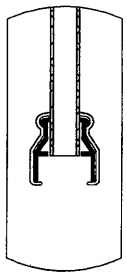
TEST REPORT FOR CENDEK RAILINGS LTD.
Report No.: 103615532COQ-002
Date: 08/28/18

APPENDIX D – DRAWINGS – CENTURY WELDED (6 PAGES)

ITEM NO.	Part/Assy Number	Material	DESCRIPTION	QTY.
1	0273P	6063-T5	72" Century Welded Top Rail	1
2	0086A		42.50 Century End Post	2
3	0326P	6063-T5	Bottom Rail - Welded	1
4	0327	6063-T5	37-9/16" Welded Picket	17
5	0060P	6063-T5	Support Leg	1



DETAIL A
Top Rail Config

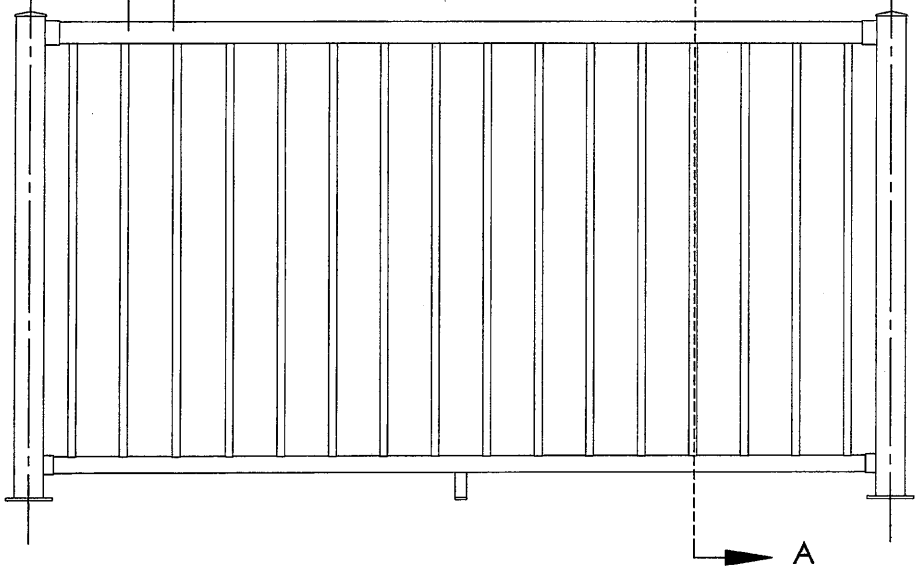


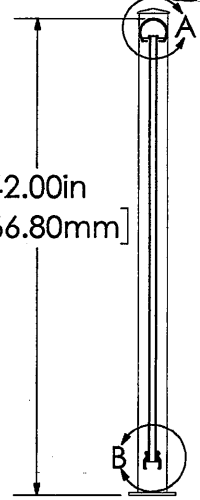
DETAIL B
Bottom Rail Config

74.50
~~75.00in~~ CTC
[1905mm]
DO NOT EXCEED

3.875in
[98.43mm]
TYP

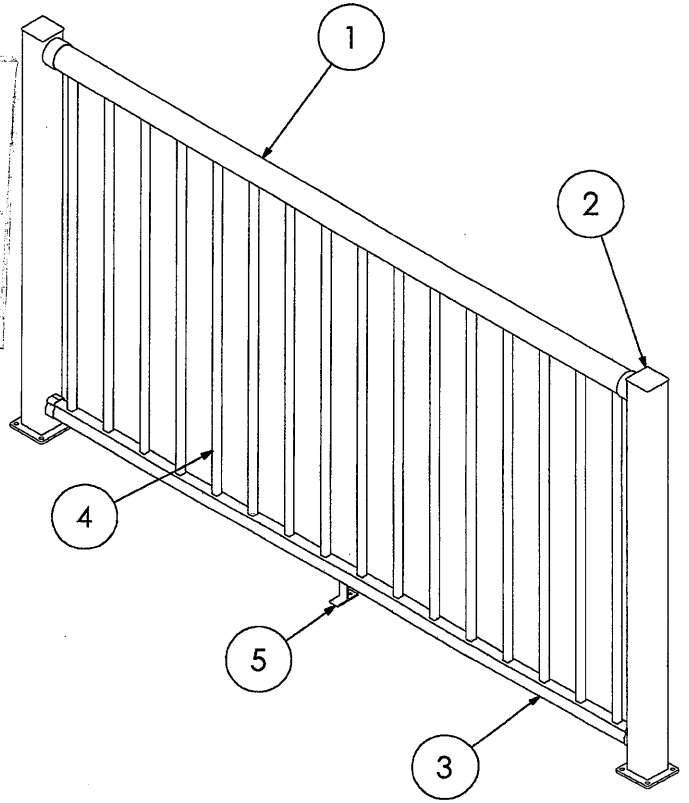
Intertek
Test sample complies with these Deviations are noted.
Report #: 103615532COQ-002
Date: A 08/28/18 Tech: C.C.





42.00in
[1066.80mm]

SECTION A-A



THE STRUCTURES WITHIN THE SCOPE OF THIS DRAWING HAVE BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2015 INTERNATIONAL BUILDING CODE & 2015 INTERNATIONAL RESIDENTIAL CODE.

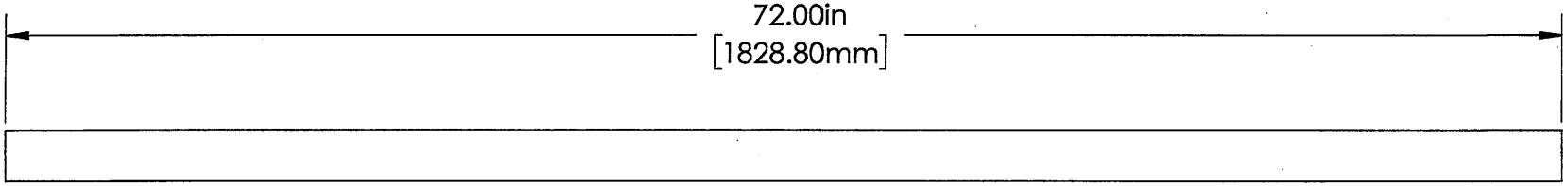
REVISIONS			
REV.	DESCRIPTION	DATE	INITIALS

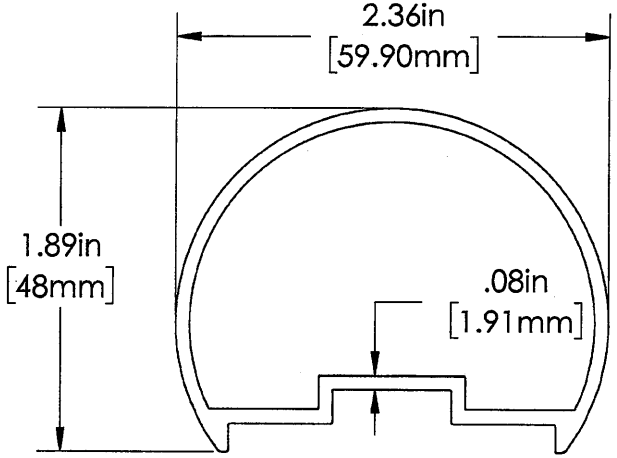
CenDek Railings Ltd.

DRAWN	cchislett	8/27/2018
CHECKED		
MATERIAL		
DIE #		
ALL DIMENSION IN INCHES/mm		

DESCRIPTION
75" Century Welded System

DWG NO. 0325A
REV 0
WEIGHT 20.81 lbs
SHEET 1 OF 1





Intertek
Valued Quality. Delivered.
Test sample complies with these details.
Deviations are noted.
Report #: 103615532COQ-002
Date: 08/28/18 Tech: C.C.

REVISIONS			
REV.	DESCRIPTION	DATE	INTIALS

CenDek Railings Ltd.

DRAWN	cchislett	8/27/2018
CHECKED		
MATERIAL	6063-T5	
DIE #		
ALL DIMENSION IN INCHES/mm		

DESCRIPTION: 72" Century Welded Top Rail

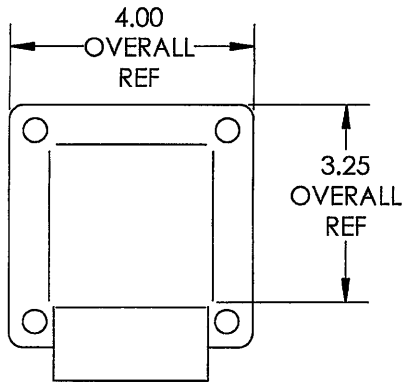
DWG NO. 0273P

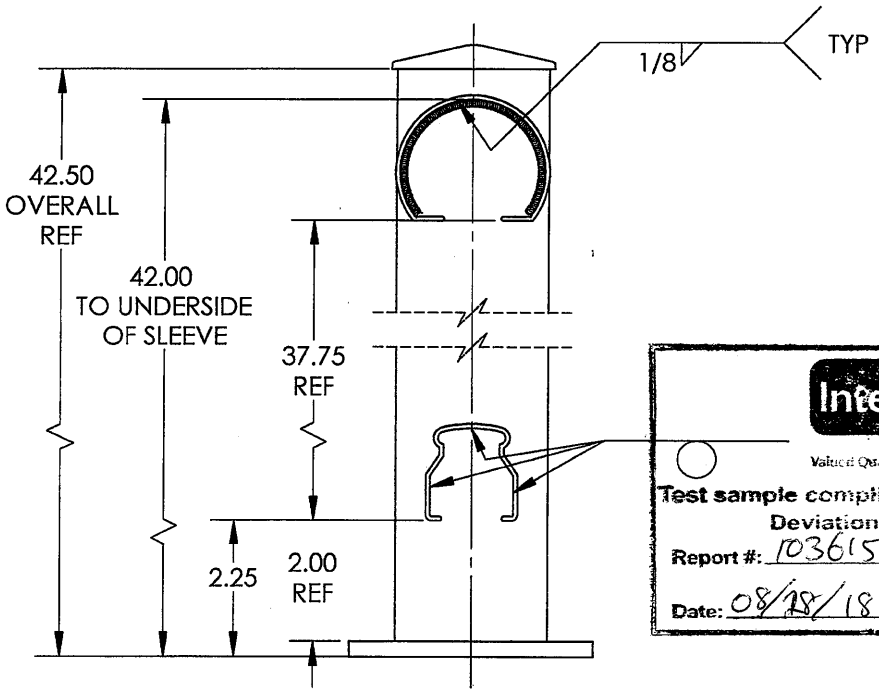
REV 0

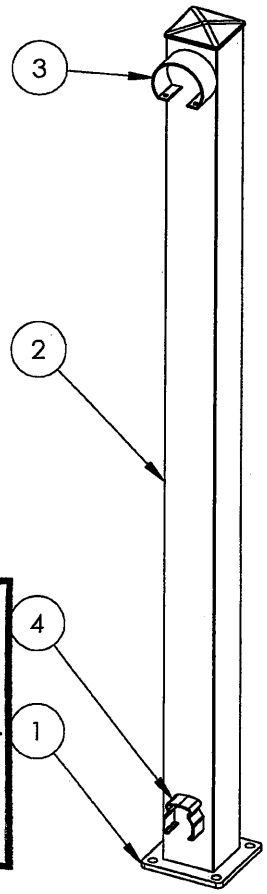
WEIGHT 3.96 Lbs

SHEET 1 OF 1

ITEM NO.	Part/Assy Number	DESCRIPTION	QTY.
1	0054P	Base Plate 4.0x4.0x0.25	1
2	0071P	Post-2.50x2.50x42.25	1
3	0012P	Century Sleeve	1
4	0199P	Bottom Rail Welded Sleeve	1
5	0078P	Pyramid Cap 2.50 Post	2







Intertek
Value'd Quality. Delivered.
Test sample complies with these details.
Deviations are noted.
Report #: 103615532COQ-002
Date: 08/28/18 Tech: C. C.

REVISIONS			
REV.	DESCRIPTION	DATE	INITIALS

CenDek Railings Ltd.

DRAWN	cchislett	8/17/2018
CHECKED		

ALL DIMENSION IN INCHES

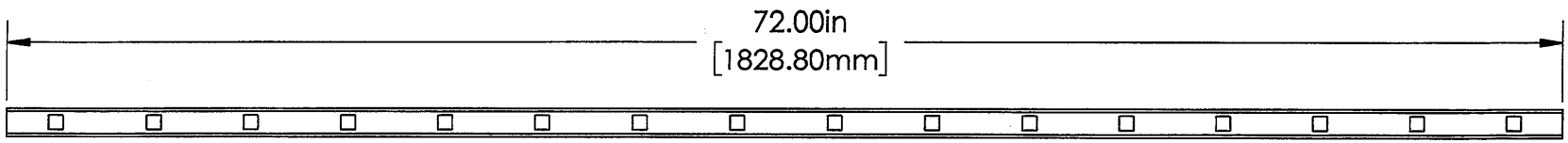
DESCRIPTION: 42.50 Century End Post

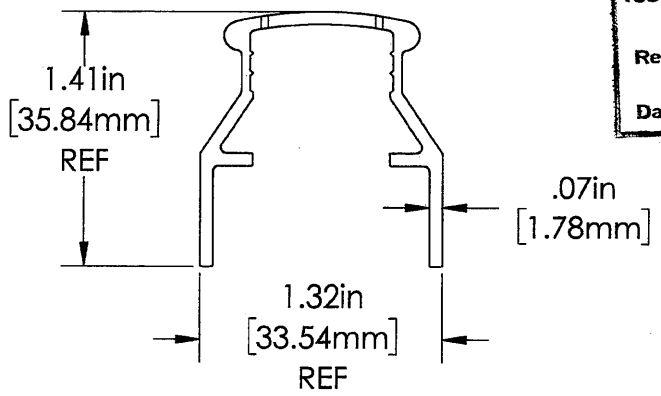
DWG NO. 0086A

REV 0

WEIGHT 3.99 LBS

SHEET 1 OF 1





Intertek
Valued Quality. Delivered.
Test sample complies with these details.
Deviations are noted.
Report #: 10361553200Q-002
Date: 08/28/18 Tech: C.C.

CenDek Railings Ltd.

DRAWN	cchislett	8/27/2018
CHECKED		
MATERIAL	6063-T5	
DIE #	626646	
ALL DIMENSION IN INCHES/mm		

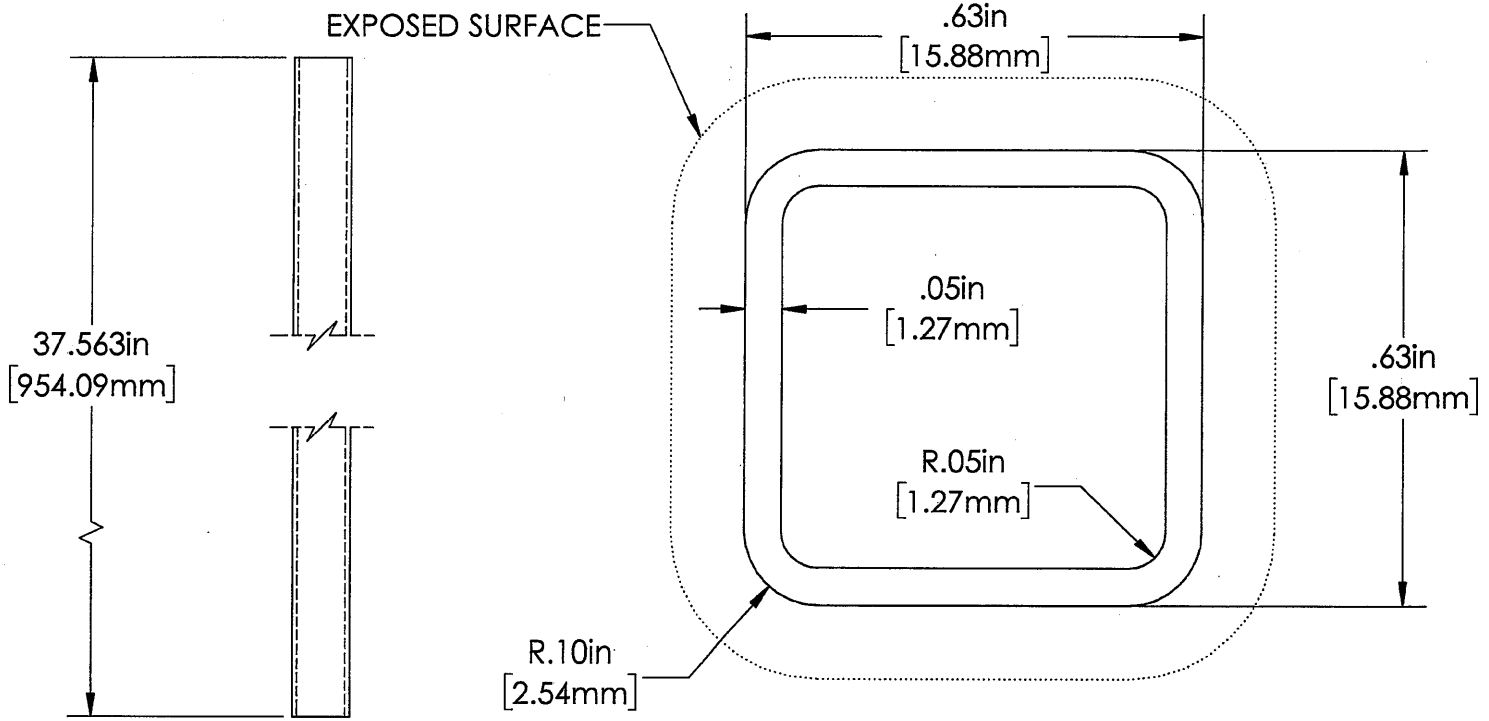
DESCRIPTION: Bottom Rail - Welded

DWG NO. 0326P

REV 0

WEIGHT 2.04 lbs

SHEET 1 OF 1



Intertek

Valued Quality. Delivered.

Test sample complies with these details.
Deviations are noted.

Report #: 103615532COQ-002

Date: 08/28/18 **Tech:** A. C.

REVISIONS			
REV.	DESCRIPTION	DATE	INITIALS

CenDek Railings Ltd.

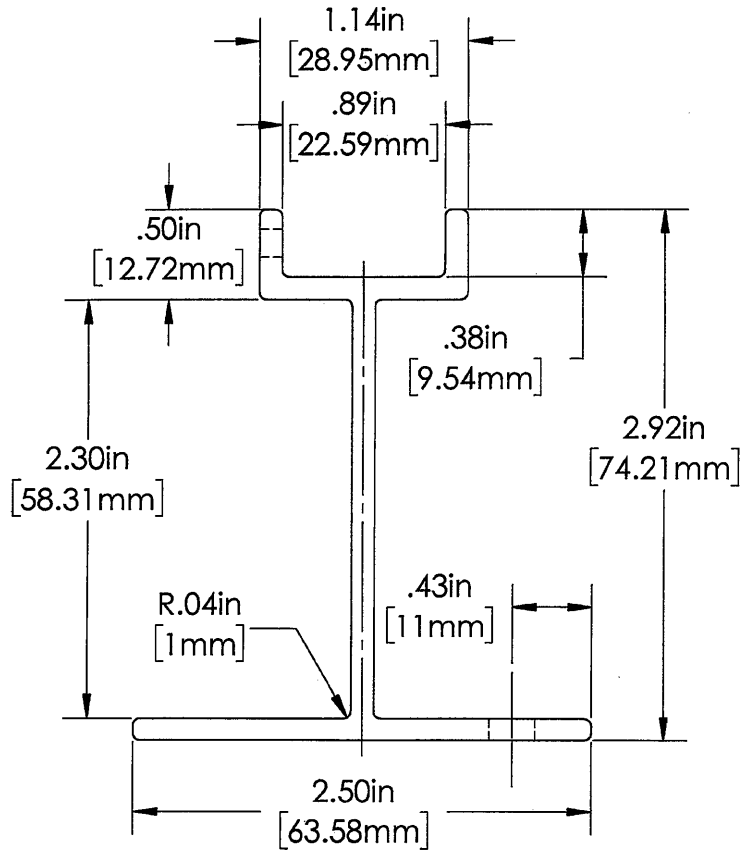
DRAWN	cchislett	8/27/2018
CHECKED		
MATERIAL	6063-T5	
DIE #	DYF10473127	
ALL DIMENSION IN INCHES/mm		

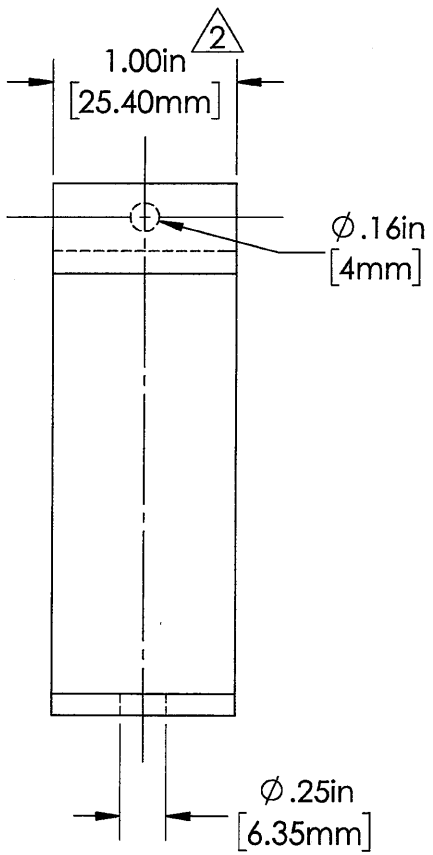
DESCRIPTION: 37-9/16" Welded Picket

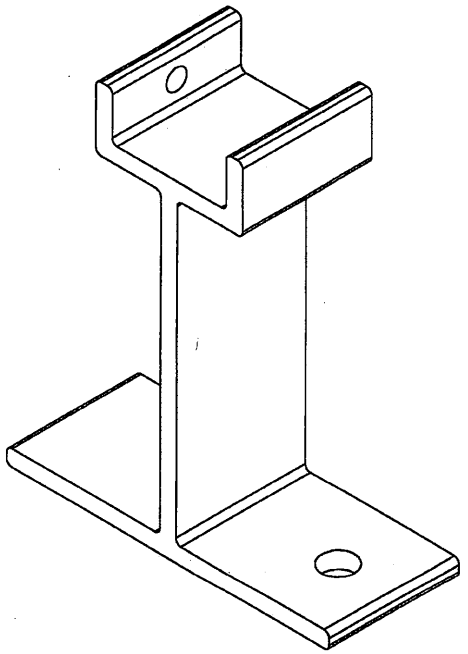
DWG NO.	REV
0327	0

WEIGHT: 0.40 lbs

SHEET 1 OF 1







Intertek
Valued Quality. Delivered.
Test sample complies with these details.
Deviations are noted.
Report #: 103655320CQ-002
Date: 08/28/18 **Tech:** C. C.

REVISIONS			
REV.	DESCRIPTION	DATE	INITIALS
1	TYPO IN TOLERANCE TABLE	1/5/2018	CC
2	WIDTH FROM 1.25" TO 1"	2/16/2018	CC

CenDek Railings Ltd.

DRAWN	cchislett	8/24/2018
CHECKED		
MATERIAL	6063-T5	
DIE #		
ALL DIMENSION IN INCHES/mm		

DESCRIPTION: Support Leg

DWG NO. 0060P | REV 2

WEIGHT 36.61 lbs | SHEET 1 OF 1

1500 Brigantine Drive
Coquitlam, BC, V3K 7C1

Telephone: 604-520-3321
Facsimile: 604-524-9186
www.intertek.com

TEST REPORT FOR CENDEK RAILINGS LTD.
Report No.: 103615532COQ-002
Date: 08/28/18

SECTION 12

REVISION LOG

REVISION #	DATE	PAGES	REVISION
0	08/28/18	N/A	Original Report Issue