

Wild Hog Products

TEST REPORT

SCOPE OF WORK

103" solid wood railing system with 3'x8' Hog Track and Hog Panel

REPORT NUMBER

191205004SHF-001

TEST DATE(S)

2019-12-05 - 2019-12-17

ISSUE DATE

2019-12-19

PAGES

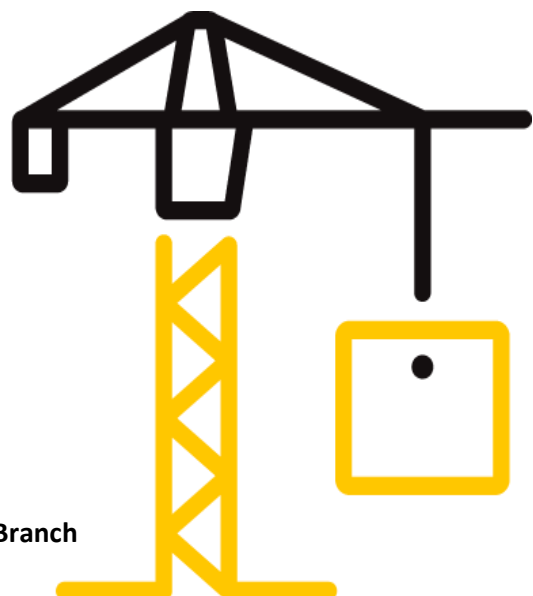
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DOCUMENT CONTROL NUMBER

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Test Report

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Test Report

Issue Date: 2019-12-19 Intertek Report No. 191205004SHF-001
 Applicant: Wild Hog Products
 Address: 13480 Healdsburg Ave., Healdsburg, CA USA 95448
 Attn: Craig Smalley
 Test Type : Performance test, samples provided by the applicant.

Product Information

Product Name	103" solid wood railing system with 3'x8' Hog Track and Hog Panel	Brand	WILD HOG
Sample Description	Good Condition	Sample Amount	1 set
		Received Date	2019-12-05
Sample ID	Model	Specification	
S191205004SHF.001	/	8' Track	
		3'x8' PANEL	
		103" solid wood railing	
		3.3"x3.5"x60" solid wood post	

Test Methods And Standards

Test Standard	ICC-ES AC273, Acceptance Criteria for handrails and guards, Approved June 2017 2018 International Building Code (IBC) 2018 International Residential Code (IRC)
Specification Standard	ICC-ES AC273, Acceptance Criteria for handrails and guards, Approved June 2017 2018 International Building Code (IBC) 2018 International Residential Code (IRC)
Test Conclusion	The samples were tested according to the above standards, and the results are shown in the following page.

Note:

1.This report relates specifically to the sample(s) that were drawn and provided by the applicant or their nominated third party. The reported result(s) provide no warranty or verification on the sample(s) representing any specific goods and/or shipment and only relate to the sample(s) as received and tested.

Report Authorized

Jodie Zhou *Mason Wang*
 Name: Jodie Zhou Name: Mason Wang
 Title: Reviewer Title: Project Engineer



Test Report

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Test Items, Method and Results:

Test Item: In-Fill Load Test

Test Method: ICC-ES AC273, Acceptance Criteria for handrails and guards, Approved June 2017 - Section 4.2.4

Test Procedure: A load of 150lbf was applied using a 1 square foot block normal to the in-fill. 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.

Safety Factor: 3.0 (for guard and handrail systems with wood components)

Test Specimen Description

Railing	Post	Post Spacing	Mounting Plate	Rails	In-fill
103" solid wood railing system with 3'x8' Hog Track and Hog Panel	3.3"x3.5"x60" solid wood	96" (Single bay)	6"x6" steel foot on each post	61.815" high	3'x8' Wire fencing panel

The steel feet are designed to simulate post buried, not included in the whole product system. For a detailed drawing of the test sample and components, refer to Appendix B.

Test Results:

Design Load (lbf)	Factored Load (lbf)	Required Proof Load (lbf)	Evaluation	Verdict
50	150	150	No any evidence of disengagements of any component or visible cracking from any component.	Pass

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Appendix A: Test Photos



Fig 1. In-Fill Load Test at central position



Fig 1. In-Fill Load Test at lower-right corner



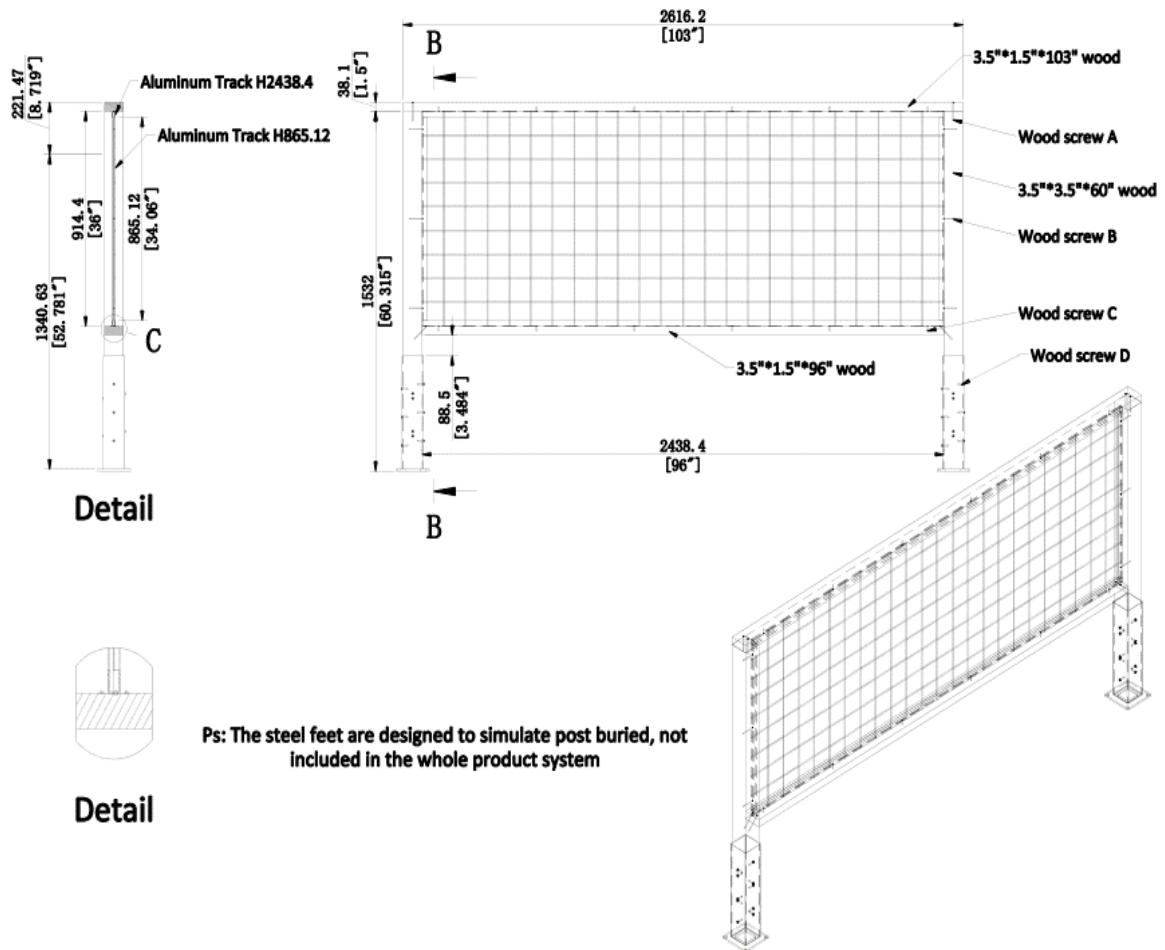
Fig 3. In-Fill Load Test at upper-left corner

Test Report

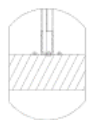
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Appendix B: Drawings



Detail



Detail

Ps: The steel feet are designed to simulate post buried, not included in the whole product system

Whole Drawing

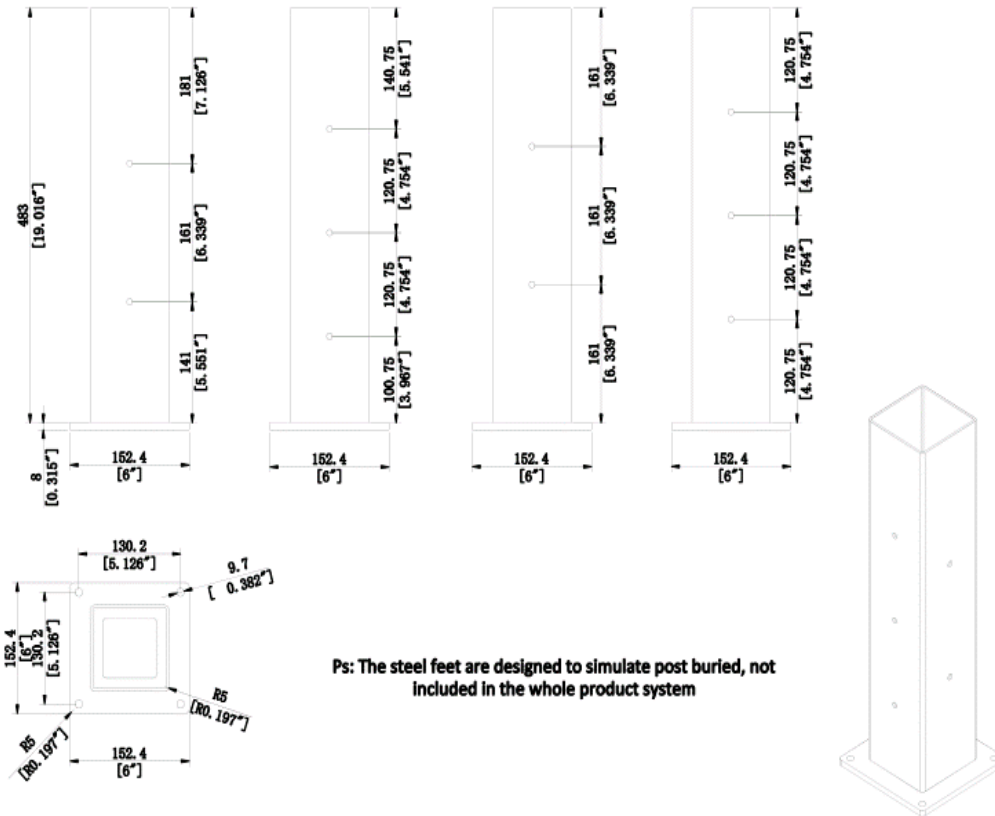
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Ps: The steel feet are designed to simulate post buried, not included in the whole product system

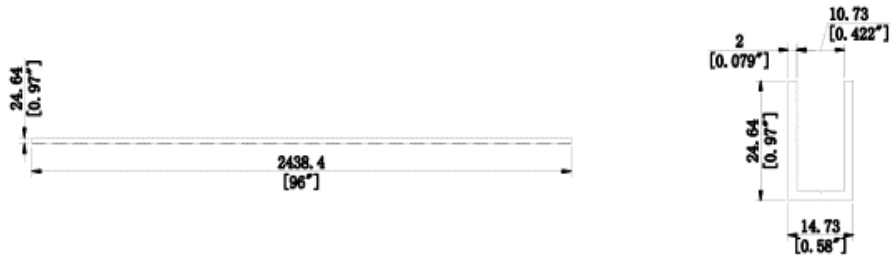
Steel Foot

Test Report

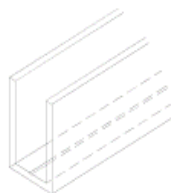
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Aluminum Track H2438.4



Aluminum Track H865.12



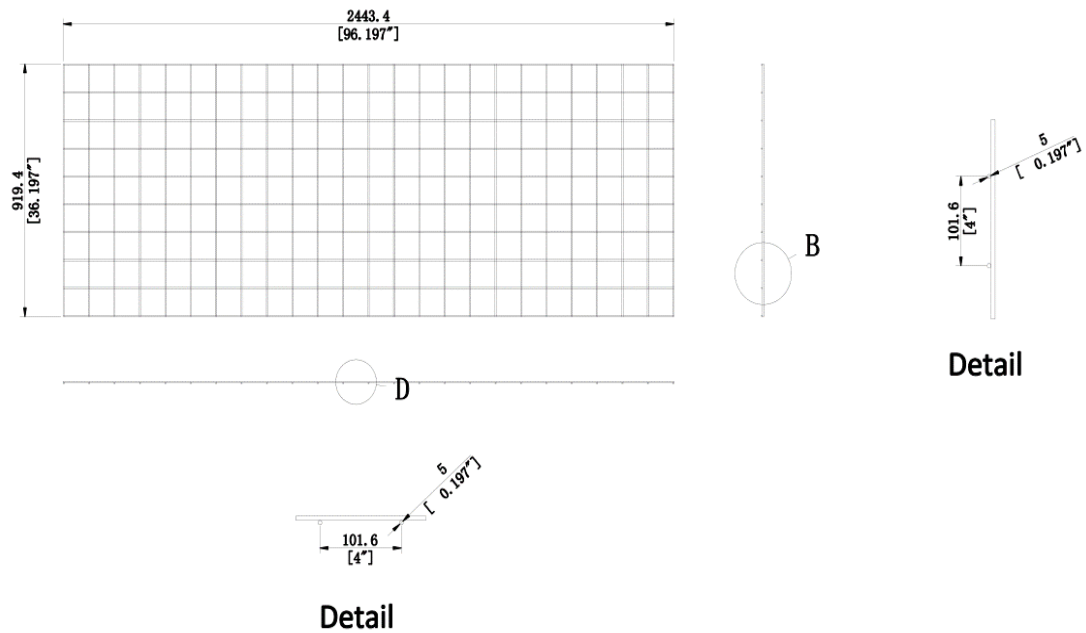
Detail



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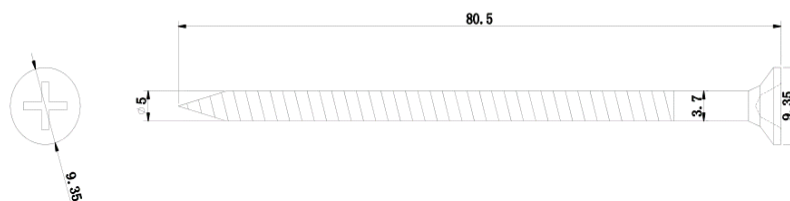
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Wire fencing panel

Wood screw A

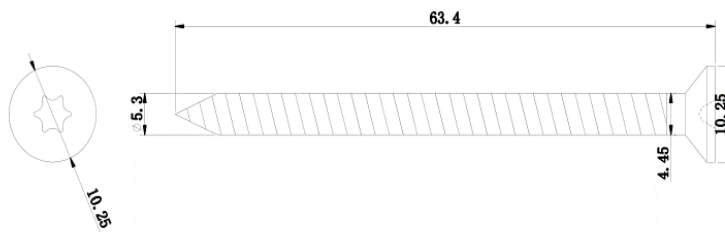


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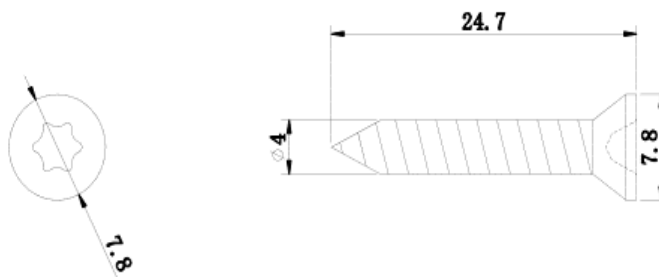
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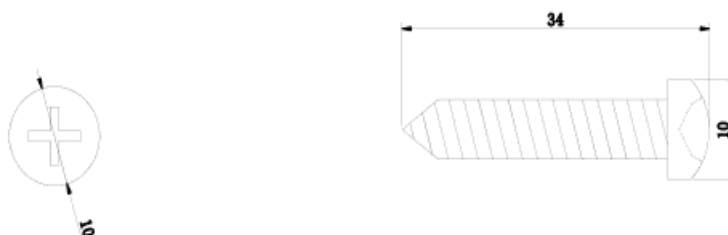
Wood screw B



Wood screw C



Wood screw D



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Appendix C: Sample Received Photo



Revision:

NO.	Date	Changes	Author	Reviewer
191205004SHF-001	2019-12-19	First issue	Mason Wang	Jodie Zhou