APPLICATION FOR BUILDING PERMIT

The Village of Irvington | 85 Main St | Irvington NY 10533

Application Number:	833	Date:	10/19/2022
Job Location:	30 CARLA LN	Parcel ID:	2.90-51-16
Property Owner:	Eva & Nicolas Edibe	Property Class:	1 FAMILY RES
Occupancy:	One/ Two Family	Zoning:	
Common Name:			

Applicant	Contractor
Chris Fresiello	Chris Fresiello
Hudson Valley Home Improvement Corp.	Hudson Valley Home Improvement Corp.
74 Briary RoadDobbs Ferry NY 10522	74 Briary Road Dobbs Ferry NY 10522
9149243737	9149243737

Description of Work

Type of Work:	Deck	Applicant is:	Contractor
Work Requested by:	The Owner	In association with:	
Cost of Work (Est.):	10000.00	Property Class:	1 FAMILY RES

Description of Work

Build new deck over existing patio in rear of house ACQ framing, composite decking & rail (trex transcend) as per approved drawings

Please Note: Completing the application does not constitute a permit to commence construction. To obtain your permit follow the instructions on the instruction page provided on page 3.

Job Location: 30 CARLA LN

Parcel Id: 2.90-51-16

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Chris Fresiello being duly sworn, depose and says: That s/he does business as: Hudson Valley Home Improvement Corp. with offices at: 74 Briary Road Dobbs Ferry NY 10522 and that s/he is:
The owner of the property described herein. The of the New York Corporation with offices at: 74 Bridge Rd Dows Ferry NY duly authorized by resolution of the Board of Directors, and that
said corporation is duly authorized by the owner to make this application.
A general partner of with offices and that said Partnership is duly authorized by the Owner to make this application. The Lessee of the premises, duly authorized by the owner to make this application. The Architect of Engineer duly authorized by the owner to make this application. The contractor authorized by the owner to make this application.
That the information contained in this application and on the accompanying drawings is true to the best of his knowledge and belief. The undersigned hereby agrees to comply with all the requirements of the New York State Uniform Fire Prevention and Building Code, the Village of Irvington Building Code, Zoning Ordinance and all other laws pertaining to same, in the construction applied for, whether or not shown on plans or specify in this application. Sworn to before methis
DWNER'S AUTHORIZATION
Eva & Nicolas Edibe as the owner of the subject premises and have authorized the contractor named above to perform he work under the subject application.
Owner phone number 646 245 819 Owner email address

SARAH PALERMO
NOTARY PUBLIC, STATE OF NEW YORK
QUALIFIED IN WESTCHESTER COUNTY
No. 01PA6182438
COMMISSION EXPIRES FEBRUARY 25, 2024

INSTRUCTIONS

REQUIREMENTS FOR OBTAINING A PERMIT:

The following items must be submitted in order to obtain a Building Permit:

- 1. One (1) Building Permit application signed by the owner or a notarized Agent Letter.
- 2. One (1) property survey (signed and sealed), reflecting existing conditions.
- 3. Two (2) sets of construction drawings and specifications, including existing and proposed conditions, state design criteria, structural and architectural details, plans, and cross sections, mechanical, electrical, and plumbing drawings (signed and sealed by a likened professional).
- 4. One USB with all plans (with Licensed Professionals certification/stamp) and specifications in PDF (file size must be less than
- 5. Copy of approved site plan from the Irvington Planning Board when applicable (required on all increases of FAR, footprint, coverage, driveways and increases of cubic content under a roof).
- 6. Approval by the Architectural Review Board (ARB) when applicable. An additional five (5) sets of construction drawings and specifications (please see ARB requirements (available on the village web site www.irvingtonny.gov) prior to submission).
- 7. Visit the Village of Irvington website www.irvingtonny.gov for additional check list for solar panels, generators, underground propane tanks, signs and awnings(found in forms and documents in the Building & Planning General Information folder).
- 8. Village Zoning Code is available on the Village website: www.irvingtonny.gov.
- 9. Provide evidence that the application meets the NYS Energy code as described by www.dos.state.ny.us/code/energycode/overview.htm

Contractor Requirements in order to obtain a Building Permit:

- 🛩 10. Contractor's Certificate of Liability listing the Village of Irvington as the Certificate Holder with no disclaimer in the description other than certificate holder is named additional insured (any additional comments will not be accepted).
- √11. Contractor's Workers Compensation C-105 form (or equivalent) listing the Village of Irvington as Certificate Holder.
- √12. Copy of Contractor's Westchester County Home Improvement License.
- √13. All information above uploaded into permit application with the contractor's contact information, including mailing address, phone number, and email address.
- 14. Contractor's signature on Affidavit of Contractor (required prior to issuance of the permit).

Please Note:

-State Law requires that the contractor submits a copy of Workman's Compensation as required by the New York State Disability Insurance naming the Department of Buildings, Village of Irvington as certificate holder and showing coverage for contacting and the locations covered by such insurance. If structure is to be demolished a copy of Liability Insurance must also be submitted.

- Please be advised under State and Municipal Laws, the Workman's Compensation and Disability benefits insurance must be submitted on separate state approved forms. The "Acord Form" is no longer acceptable as proof of Workman's Compensation coverage. Further information or questions may be answered by calling the NYS Bureau of Compliance at (518) 486-6307 or by visiting their website or by contacting your insurance provider.

FEES ASSOCIATED WITH BUILDING PERMIT APPLICATION(All fees must be paid at time of application):

Fee schedule

Building Permit (Non-Refundable)

- * Application fee \$85
- * Permit fee \$17 per thousand dollars (\$1000) of estimated cost of construction, or fraction thereof

- · Inspection Fees (as applicable)
- · Insulation: \$50
- · Solid Fuel: \$50
- Foundation and footing drain: \$50
- Energy Code Compliance: \$50
- · Sediment and erosion control: \$50
- · Footing: \$50
- Preparation for concrete slabs and walls: \$50
- Footing: \$50
- Preparation for concrete slabs and walls: \$50
- Framing: \$50
- Building systems, including underground and rough-in: \$50
- Fire resistant construction and penetrations: \$50
- Final Inspection for C.O.: \$50
- State and local laws (per re-inspection): \$50

Total Inspections 150

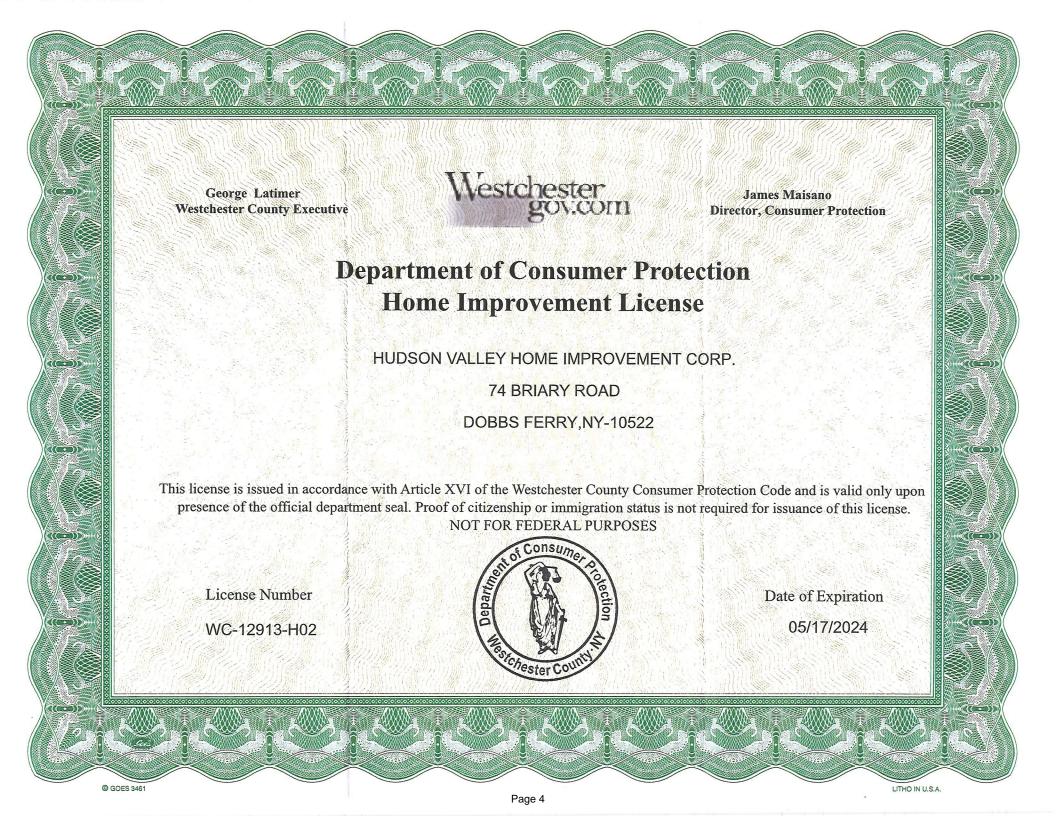
- * Certificate of Occupancy Fees: One dollar (\$1.00) per thousand dollars of estimated cost. Minimum Fee \$25.00
- * Permit Revisions or Amendment: \$50.00 (plus \$17 per thousand (\$1000), of the estimated cost of construction and any additional inspections fees).

* Re-inspection fee for work not ready at time of inspection or not in compliance: \$50

* Applications for Undocumented Work/ Legalizing: Applications to legalize work done prior toapplying for and receiving a building permit shall pay double all applicable fees and inspections, including the cost of construction based on the cost of all proposed work being legalized at the time of application. Minimum fee \$500.00.

(To be collected at time of submission of application)Total

(Note: pursuant to 224-54A all permits are valid for one (1) year from date on permit Any permit that expires will be subject to additional fees.)





CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY) 09/27/2022

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the noticy/les) must have ADDITIONAL INSURED provisions or be endorsed

If SUBROGATION IS WAIVED, subject to the terms and conditions this certificate does not confer rights to the certificate holder in lieu	of such end	dorsement(s)		require an endorsemer	ιι. A S	tatement on
PRODUCER	CONTA NAME: PHONE	CT MARCUS	FRANKLIN			
StateFarm BILL SINGLETON	PHONE (A/C, No	o, Ext): 914-69	3-9070	FAX (A/C, No):	914-6	74-4265
383 ASHFORD AVE	E-MAIL ADDRE	MADOLIC		ONAGENCY.NET		
DOBBS FERRY, NY 10522	7,001,12		URER(S) AFFOR	DING COVERAGE		NAIC#
	INSURE			asualty Company		25143
INSURED	INSURE			···,		
HUDSON VALLEY HOME IMPROVEMENT CORP	INSURE					
74 BRIARY RD	INSURE					
DOBBS FERRY, NY 10522	INSURE					
	INSURE					
COVERAGES CERTIFICATE NUMBER:	INSUK	Kr.		REVISION NUMBER:		
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELO INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR COND CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AF EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY	ITION OF AN FORDED BY HAVE BEEN I	Y CONTRACT	THE INSURI OR OTHER S DESCRIBE	ED NAMED ABOVE FOR DOCUMENT WITH RESPE D HEREIN IS SUBJECT	CT TO	WHICH THIS
NSR TYPE OF INSURANCE ADD SUB INSD WVD POLICY NUMBER	BER	(MM/DD/YYYY)		LIMIT		
COMMERCIAL GENERAL LIABILITY				EACH OCCURRENCE DAMAGE TO RENTED	\$ 1,00	00,000
CLAIMS-MADE X OCCUR				PREMISES (Ea occurrence)	\$	
				MED EXP (Any one person)	\$ 5,00	00
98-CR-B805-2		11/05/2021	11/05/2022	PERSONAL & ADV INJURY	\$	
GEN'L AGGREGATE LIMIT APPLIES PER:				GENERAL AGGREGATE	\$ 2,00	00,000
POLICY PRO- JECT LOC				PRODUCTS - COMP/OP AGG	\$	
OTHER:				COMPINED CINICI E LIMIT	\$	
AUTOMOBILE LIABILITY				COMBINED SINGLE LIMIT (Ea accident)	\$	
ANY AUTO				BODILY INJURY (Per person)	\$	
OWNED SCHEDULED AUTOS AUTOS				BODILY INJURY (Per accident)	\$	
HIRED NON-OWNED AUTOS ONLY AUTOS ONLY				PROPERTY DAMAGE (Per accident)	\$	
					\$	
UMBRELLA LIAB OCCUR				EACH OCCURRENCE	\$	
EXCESS LIAB CLAIMS-MADE				AGGREGATE	\$	
DED RETENTION \$					\$	
WORKERS COMPENSATION AND EMPLOYERS' LIABILITY				PER OTH- STATUTE ER	\$	
ANY PROPRIETOR/PARTNER/EXECUTIVE Y / N				E.L. EACH ACCIDENT	\$	
(Mandatory in NH)				E.L. DISEASE - EA EMPLOYEE	\$	
If yes, describe under DESCRIPTION OF OPERATIONS below				E.L. DISEASE - POLICY LIMIT	\$	
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks	Schedule, may b	e attached if mo	re space is requir	ed)		
CONTRACTORS POLICY						
ADDITIONAL INSURED: VILLAGE OF IRVINGTON 85 MAIN STREET IRVINGTON, NY 10533						
CERTIFICATE HOLDER	CANO	CELLATION				
VILLAGE OF IRVINGTON 85 MAIN STREET IRVINGTON, NY 10533	THE	EXPIRATION	N DATE THI TH THE POLIC	DESCRIBED POLICIES BE EREOF, NOTICE WILL BY PROVISIONS.		
11.VIIVOTOIN, INT 10000						

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Certificate of Attestation of Exemption from New York State Workers' Compensation and/or Disability and Paid Family Leave Benefits Insurance Coverage

**This form cannot be used to waive the workers' compensation rights or obligations of any party. **

The applicant may use this Certificate of Attestation of Exemption ONLY to show a government entity that New York State specific workers' compensation and/or disability and paid family leave benefits insurance is not required. The applicant may NOT use this form to show another business or that business's insurance carrier that such insurance is not required. Please provide this form to the government entity from which you are requesting a permit, license or contract. This Certificate will not be accepted by government officials one year after the date printed on the form.

In the Application of (Legal Entity Name and Address):

Hudson Valley Home Improvement Corp 74 Briary Rd

Dobbs Ferry, NY 10522-2024

PHONE: 914-924-3737 FEIN: XXXXX9698

Business Applying For:Building Permit

From: Village of Irvington

The location of where work will be performed is 30 Carla Lane, Irvington, NY 10533.

Estimated dates necessary to complete work associated with the building permit are from September 27, 2022 to December 27, 2022.

The estimated dollar amount of project is \$10,001 - \$25,000

Workers' Compensation Exemption Statement:

The above named business is certifying that it is **NOT REQUIRED TO OBTAIN NEW YORK STATE SPECIFIC WORKERS' COMPENSATION INSURANCE COVERAGE** for the following reason:

The business is a one person owned corporation, with that individual owning all of the stock and holding all offices of the corporation. Other than the corporate owner, there are no employees, day labor, leased employees, borrowed employees, part-time employees, other stockholders, unpaid volunteers (including family members) or subcontractors.

Disability and Paid Family Leave Benefits Exemption Statement:

The above named business is certifying that it is NOT REQUIRED TO OBTAIN NEW YORK STATE STATUTORY

DISABILITY AND PAID FAMILY LEAVE BENEFITS INSURANCE COVERAGE for the following reason:

The business MUST be either: 1) owned by one individual; OR 2) is a partnership (including LLC, LLP, PLLP, RLLP, or LP) under the laws of New York State and is not a corporation; OR 3) is a one or two person owned corporation, with those individuals owning all of the stock and holding all offices of the corporation (in a two person owned corporation each individual must be an officer and own at least one share of stock); OR 4) is a business with no NYS location. In addition, the business does not require disability and paid family leave benefits coverage at this time since it has not employed one or more individuals on at least 30 days in any calendar year in New York State. (Independent contractors are not considered to be employees under the Disability and Paid Family Leave Benefits Law.)

I, chris fresiello, am the President with the above-named legal entity. I affirm that due to my position with the above-named business I have the knowledge, information and authority to make this Certificate of Attestation of Exemption. I hereby affirm that the statements made herein are true, that I have not made any materially false statements and I make this Certificate of Attestation of Exemption under the penalties of perjury. I further affirm that I understand that any false statement, representation or concealment will subject me to felony criminal prosecution, including jail and civil liability in accordance with the Workers' Compensation Law and all other New York State laws. By submitting this Certificate of Attestation of Exemption to the government entity listed above I also hereby affirm that if circumstances change so that workers' compensation insurance and/or disability and paid family leave benefits coverage is required, the above-named legal entity will immediately acquire appropriate New York State specific workers' compensation insurance and/or disability and paid family leave benefits coverage and also immediately furnish proof of that coverage on forms approved by the Chair of the Workers' Compensation Board to the government entity listed above.

SIGN HERE

Signature:

Exemption Certificate Number

2022-066479

Date:

Received

September 27, 2022

NYS Workers' Compensation Board



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SIGN HERE

Signature:

1

Exemption Certificate Number

2022-066479

Date:

Received

September 27, 2022

NYS Workers' Compensation Board

VILLAGE OF IRVINGTON PLANNING BOARD DECISION

WHEREAS, in July 2022, Ewa and Nicolas Edibe applied for site development plan approval to construct a raised deck at the back of their house at 30 Carla Lane; and

WHEREAS, James J. Hahn Engineering, P.C. ("Hahn") reviewed the plans and, in a Memorandum dated July 5, 2022, made a number of comments, most of which were addressed in a subsequent submission; and

WHEREAS, Suzanne Nolan, the Village's landscape consultant, reviewed the plans and made two recommendations; and

WHEREAS, the Planning Board held a public hearing on the application on July 6 and September 7, 2022; and

WHEREAS, the action is a Type II action under the State Environmental Quality Review Act and, therefore, requires no environmental review; now, therefore, be it:

RESOLVED that the Planning Board grants the application for site development plan approval for the improvements reflected in the drawings entitled "30 Carla Lane," prepared by Roy Kushner Architecture, Sheet A-001, last dated 7-29-22, subject to: (1) complying with the items in Hahn's September 6, 2022 Memorandum; and (2) complying with the items in Suzanne Nolan's September 6, 2022 Memorandum.

Dated: September 7, 2022

1

Cesare Manfredi, Chairperson

Michael Smith

Dan McElligott

Laurie Davidowitz

NB: This approval is not a substitute for a building permit. Construction may not commence until the Building Inspector issues a building permit.



Code Compliance Research Report **CCRR-0132**

Issue Date: 12-01-2008 **Revision Date: 04-26-2022** Renewal Date: 03-31-2023

DIVISION: 06 00 00 – WOOD, PLASTICS AND COMPOSITES Section: 06 63 00 - Plastic Railings

REPORT HOLDER: Trex® Company, Inc. 160 Exeter Drive Winchester, VA 22603 (540) 542-6300 www.trex.com

REPORT SUBJECT: Trex Transcend® Railing Trex Select® Railing Trex Enhance® Railing

1.0 SCOPE OF EVALUATION

- 1.1 This Research Report addresses compliance with the following Codes:
- 2021 and 2018 International Building Code® (IBC)
- 2021 and 2018 International Residential Code® (IRC)

NOTE: This Report references 2021 Code sections. Section numbers in earlier versions of the Codes may differ.

- 1.2 Trex® Transcend®, Select® and Enhance® railing systems have been evaluated for the following properties:
- Structural Performance
- Durability
- Surface Burning
- Decay Resistance
- Termite Resistance
- 1.3 Trex® Transcend®, Select® and Enhance® railing systems have been evaluated for the following uses:
- Trex® Transcend®, Select® and Enhance® railing systems are guardrails (guards) under the definitions of the referenced Codes and are intended for use on elevated walking areas in buildings and walkways, including stairs and ramps, as required by the referenced Codes.

- Guardrail systems are provided as level guards for level walking areas such as decks, balconies and porches, and sloped guards for open sides of stairways.
- Guardrail systems recognized in this Report may be used in One- and Two-Family Dwellings regulated by the IRC and all construction types regulated by the IBC in accordance with IBC Sections 705.2.2 and 705.2.3.1, Exceptions 2 and 3. Guardrails less than 42" high are limited to use in One- and Two-Family Dwellings (IRC). See Table 1 for additional restrictions based upon Use and Occupancy Classification.

2.0 STATEMENT OF COMPLIANCE

Trex® Transcend®, Select® and Enhance® railing systems comply with the Codes listed in Section 1.1, for the properties stated in Section 1.2 and uses stated in Section 1.3, when installed as described in this Report, including the Conditions of Use stated in Section 6.0.

3.0 DESCRIPTION

- 3.1 Railing systems include top and bottom rails, baluster spacers and rail inserts (Transcend® only), balusters, post sleeves, rail brackets, foot blocks and decorative moldings. See Table 1 for recognized railing dimensions.
- 3.2 Rails and post sleeves are wood-plastic composite extrusions with a PVC or acrylic cap layer, baluster spacers and rail inserts are PVC extrusions, and balusters are either wood-plastic composite or aluminum extrusions. Rail brackets, foot blocks and decorative moldings are injectionmolded plastic parts.
- 3.3 Trex® Transcend® railing is produced in Classic White, Charcoal Black, Fire Pit, Gravel Path, Rope Swing, Tree House and Vintage Lantern, consisting of the following components (see Figure 2):
- **3.3.1** The top rail is a crown profile with overall dimensions of 3.312" wide by 2.453" tall.







- **3.3.2** The bottom rail is an "H" profile with overall dimensions of 3.000" wide by 2.004" tall.
- **3.3.3** Balusters are available in a 1.418" square composite profile, 0.750" square aluminum profile or 0.750" round aluminum profile. Balusters are inserted into holes in baluster spacers snapped into the top and bottom rails. Rail inserts are installed into the top and bottom rails when using aluminum balusters.
- **3.3.4** Rails are attached to posts with nylon brackets.
- **3.3.5** The post sleeve is a 4.450" square profile with three internal ribs on each wall.
- **3.4** Trex® Select® railing is produced in Classic White, and Trex Enhance® railing is produced in Classic White, Charcoal Black, Saddle and Vintage Lantern. Both railing systems consist of the following components (see Figure 4):
- **3.4.1** The top and bottom rails are rectangular profiles with overall dimensions of 2.750" wide by 2.000" tall. The top rail is oriented flatwise, and the bottom rail is oriented edgewise.
- **3.4.2** Balusters are only available in a 0.750" round aluminum profile.
- **3.4.3** Rails are attached to posts with nylon brackets.
- **3.4.4** The post sleeve is a 4.450" square profile with three internal ribs on each wall.

4.0 PERFORMANCE CHARACTERISTICS

- **4.1** The guardrail systems described in this Report have demonstrated the capacity to resist the design loadings specified in Chapter 16 of the IBC and Section R301 of the IRC when tested in accordance with ICC-ES AC174 and ASTM D7032.
- **4.2** Structural performance has been demonstrated for a temperature range from -20 °F to 125 °F.
- **4.3** Materials used are deemed equivalent to preservative treated or naturally durable wood for resistance to weathering effects, decay and attack from termites. See Section 6.6 for limitations.

4.4 Materials used have a flame spread index less than 200 when tested in accordance with ASTM E84.

5.0 INSTALLATION

5.1 General

Trex Transcend®, Select® and Enhance® railing systems must be installed in accordance with the manufacturer's published installation instructions, the applicable Code and this Research Report. A copy of the manufacturer's instructions must be available on the jobsite during installation.

5.2 Trex® Transcend® Railing (Figure 1)

- **5.2.1** The top and bottom rails are attached via bracket connections to conventional 4x4 wood posts covered with composite post sleeves. See Table 2 for fastening schedule.
- **5.2.2** Baluster spacers are snapped into the top and bottom rails and secured by a friction fit, and balusters are inserted into holes punched in the baluster spacers. When using aluminum balusters, rail inserts are installed into the top and bottom rails prior to installing the baluster spacers.
- **5.2.3** The foot block is an adjustable support installed between the deck surface and bottom rail using one #8-10 x 1-1/4" bugle head wood screw. At least one foot-block shall be installed at the midspan of the railing. For IBC use at spans over 6' OC, two foot-blocks shall be installed at the one-third points of the railing.

5.3 Trex® Select®/Enhance® Railing (Figure 3)

- **5.3.1** The top and bottom rails are attached via bracket connections to conventional 4x4 wood posts covered with composite post sleeves. See Table 2 for fastening schedule.
- **5.3.2** Balusters are inserted into holes routed in the top and bottom rails.
- **5.3.3** The foot block is an adjustable support installed between the deck surface and bottom rail using one #8-10 x 1-1/4" bugle head wood screw. One foot block shall be installed at the midspan of the railing.



ACCREDITED Production Agency



5.4 The wood in the supporting structure, including support posts, shall have a specific gravity of 0.55 or greater (Southern Yellow Pine or better) and a minimum thickness to allow full penetration of the bracket mounting screws.

6.0 CONDITIONS OF USE

- **6.1** Installation must comply with this Research Report, the manufacturer's published installation instructions and the applicable Code. In the event of a conflict, this Report governs.
- **6.2** See Section 1.3 for construction types and use classifications.
- **6.3** Conventional wood supports, including support posts for guardrails, are not within the scope of this Report and are subject to evaluation and approval by the building official. Supports must satisfy Section R507.10 of the 2021 IRC, satisfy the design load requirements specified in Chapter 16 of the IBC, and must provide suitable material for anchorage of the rail brackets. Where required by the building official, engineering calculations and details shall be provided.
- **6.4** Only those types of fasteners and fastening methods described in this Report have been evaluated for the installation of the products listed in Section 1.0; other methods of attachment are outside the scope of this Report.
- **6.5** Compatibility of fasteners and other metallic components with the supporting structure, including chemically treated wood, is not within the scope of this Report.
- **6.6** The wood-plastic composite material used in the *Trex*® guardrail systems described in this Report has not been evaluated for use in areas subject to Formosan termite attack.
- **6.7** Trex® railing systems are manufactured in Winchester, VA, in accordance with the manufacturer's approved quality control system, with inspections by Intertek Testing Services, Inc.

7.0 SUPPORTING EVIDENCE

- **7.1** Drawings and installation instructions submitted by the manufacturer.
- **7.2** The reports of testing and engineering analysis demonstrating compliance with the performance requirements of ICC-ES AC174, Acceptance Criteria for Deck Board Span Ratings and Guardrail Systems (Guards and Handrails), approved January 2012, editorially revised December 2014.
- **7.3** The reports of testing and engineering analysis demonstrating compliance with the performance requirements of ASTM D7032-17, Standard Specification for Establishing Performance Ratings for Wood-Plastic Composite and Plastic Lumber Deck Boards, Stair Treads, Guards, and Handrails.
- **7.4** Documentation of an Intertek-approved quality control system for the manufacturing of products recognized in this Report.

8.0 IDENTIFICATION

The *Trex*® railing systems described in this Report shall be identified with labeling on the packaging to include the following:

- **8.1** Name and/or trademark of the manufacturer and the manufacturer's web address.
- **8.2** The following statement: "See CCRR-0132 at bpdirectory.intertek.com for uses and performance levels." For railing systems limited to IRC use in Table 1, the label shall also include the phrase, "For Use in One- and Two-Family Dwellings Only."
- **8.3** The Intertek Code Compliance Research Report mark and number (CCRR-0132).









Page 4 of 10



9.0 OTHER CODES

This section is not applicable.

10.0 CODE COMPLIANCE RESEARCH REPORT USE

10.1 Approval of building products and/or materials can only be granted by a building official having legal authority in the specific jurisdiction where approval is sought.

10.2 Code Compliance Research Reports shall not be used in any manner that implies an endorsement of the product by Intertek.

10.3 Reference to https://bpdirectory.intertek.com is recommended to ascertain the current version and status of this Report.

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TABLE 1 – LEVEL GUARDRAIL SYSTEM BUILDING CODE RECOGNITION

Guardrail System	Balusters	Guardrail System Size (Length x Height) ⁽¹⁾	Number of Foot Blocks	Code Recognition
	1.418" Square Composite Baluster or 0.750" Round Aluminum	91.5" x 36"	1	IRC – One- and Two-Family Dwellings
Trex Transcend®	end® Baluster or	91.5" x 42"	1	IRC – One- and Two-Family Dwellings
0.750" Square Aluminum Baluster	91.3 X 42	2	IBC – All Use Groups	
Troy Colort®	7rex Select® 0.750" Round Aluminum Baluster	67.5" x 36"	1	IRC – One- and Two-Family Dwellings
Trex Select		67.5" x 42"	1	IRC – One- and Two-Family Dwellings
Trex Enhance® 0.750" Round Aluminum Baluster	72" x 36"	1	IRC – One- and Two-Family Dwellings	
	Baluster	72" x 42"	1	IRC – One- and Two-Family Dwellings

⁽¹⁾ Level railing length is the maximum clear length between supports. Railing height is the minimum installed height from the walking surface to the top of the top rail.

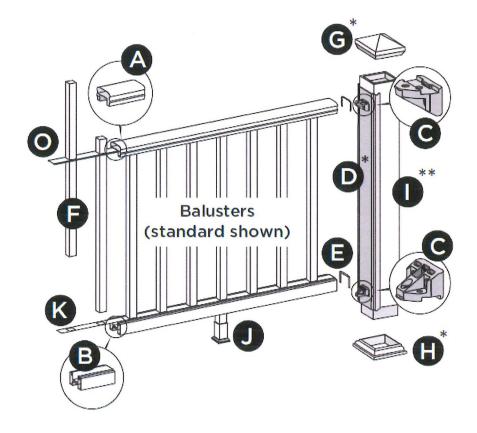
TABLE 2 – GUARDRAIL ASSEMBLY/FASTENING SCHEDULE

Connection	Fasteners
Trex Transcend®	
Rail Bracket to Post	Two #8-10 x 2" bugle head, #2 square drive, coated steel wood screws
Rail Bracket to Rail	Three #8-18 x 1-1/4" pan head, #2 square drive, coated steel self-drilling screws
Balusters to Rails	Inserted into holes in baluster spacers snapped into rails
Foot Block to Bottom Rail	Inserted into pre-drilled hole in rail
Trex Select®/Enhance®	
Rail Bracket to Post	Two #8-10 x 2" bugle head, #2 square drive, coated steel wood screws
Rail Bracket to Rail	Three #8-18 x 1" pan head, #2 square drive, coated steel self-drilling screws
Balusters to Rails	Inserted into holes in rails
Foot Block to Bottom Rail	Inserted into pre-drilled hole in rail









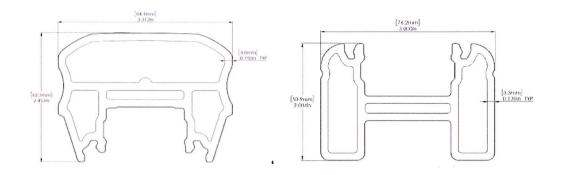
- A. Crown or Universal Rail
- B. Universal Rail
- C. Railing Support Bracket (RSB)
- D. TrexExpress™ Railing Assembly Template*
- E. Rail gaskets
- F. Balusters
- G. Post sleeve cap*
- H. Post sleeve skirt*
- Post sleeve 4" x 4" (102 mm x 102 mm) or 6" x 6" (152 mm x 152 mm)**
- J. Adjustable foot block (quantity of one is required for all railing span lengths)
- K. Baluster spacer

FIGURE 1 - TREX® TRANSCEND® RAILING ASSEMBLY



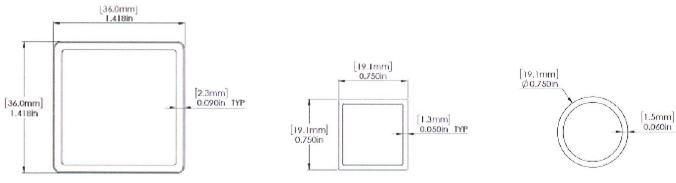






Top (Crown) Rail

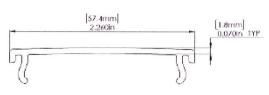
Bottom (Universal) Rail



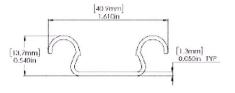
Square Composite Baluster

Square Aluminum Baluster

Round Aluminum Baluster



Baluster Spacer



Rail Insert (For Aluminum Balusters Only)



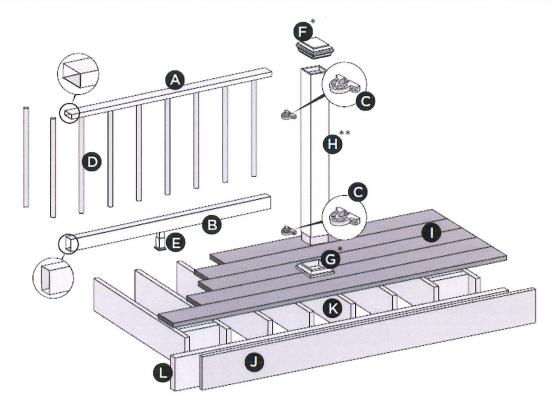
Rail Bracket

FIGURE 2 – TREX® TRANSCEND® GUARDRAIL COMPONENTS









- A. Top Rail
- B. Bottom Rail
- C. Brackets
- D. Aluminum Round Balusters
- E. Adjustable Foot Block
- F. Post Sleeve Cap*
- G. Post Sleeve Skirt*
- H. Post Sleeve**
 - 4" x 4" x 48"
- I. Trex Decking
- J. Trex Fascia
- K. Code-approved Wood Joist***
 - 2" x 8"
- L. Code-approved Wood Rim Joist***
 - 2" x 8" or Larger

FIGURE 3 – TREX® SELECT®/ENHANCE® RAILING ASSEMBLY







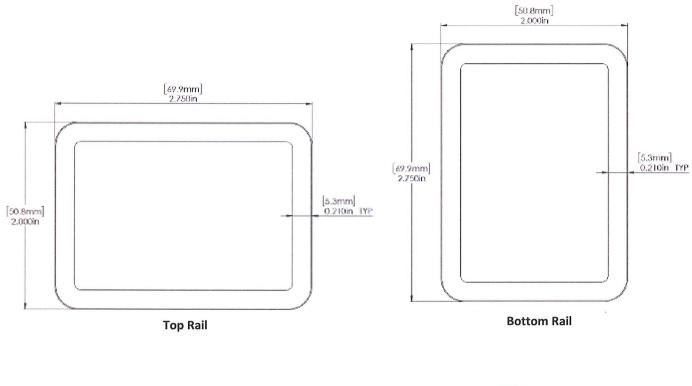




FIGURE 4 – TREX® SELECT®/ENHANCE® GUARDRAIL COMPONENTS







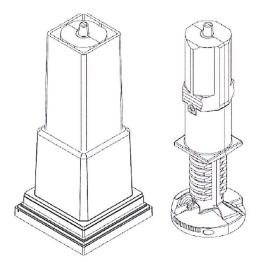


FIGURE 5 – FOOT BLOCK

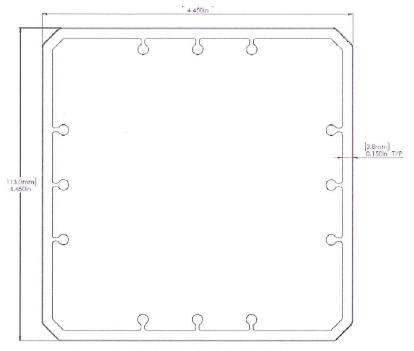


FIGURE 6 – 4X4 POST SLEEVE





<u>SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS:</u>

CHEMICAL NAMES AND SYNONYMS: WOOD FIBER

Component (CAS#)	Percent	OSHA PEL (TWA)	ACGIH TLV (TWA)
	Composition		
Andersen Vinyl blend	(60%-32%)	5 mg/m^3*	10 mg/m^3
		15 mg/m^3**	
Polyvinyl Chloride resin	(>50%)	5 mg/m^3*	10 mg/m^3
	- CI - SE	15 mg/m^3**	
Titanium dioxide	(<2%)	5 mg/m^3*	10 mg/m^3
(13463-67-7)		15 mg/m^3**	
Acrylic polymer blend	(<1%)	5 mg/m^3*	10 mg/m^3
(25852-37-3/9010-88-2)		15 mg/m^3**	
N,N'-ethylene	(<3%)	5 mg/m^3*	10 mg/m^3
bis(stearamide) (110-30-		15 mg/m^3**	
5)	(-10/)		
	(<1%)	0.1 mg/m^3	0.1 mg/m ³
Organotin compounds		(skin)	(skin)
(57583-35-4/57583-34-	(~20/)	None English	10 / 42
3)	(<2%)	None Exists	10 mg/m^3
Calcium state (1592-23-			
0)			
Wood (as dust)	(38%-40%)	5mg/m^3	5mg/m^3
11 ood (as dust)	(30/0-40/0)	10mg/m^3	10mg/m ³
Ponderosa pine	(95%)	(STEL)	(STEL)
Laminate veneer lumber	(4%)	(STDD)	(SIDD)
Douglas fir	(<1%)		
hemlock	(<1%)		

^{*} applies to repairable dust

<u>**PEL**</u> is the Occupational Safety and Health Administration (OSHA) permissible exposure limit and represents exposure concentrations that should not be exceeded.

<u>TLV</u> is the American Conference of Industrial Hygienists (ACGIH) threshold limit value and refers to airborne concentrations of substances and represents conditions under which it is believed that nearly all workers may be repeatedly exposed day after day without adverse health effects.

SECTION 4 – FIRST AID MEASURES:

INHALATION: Remove victim to a clean air area. Monitor breathing. Provide breathing assistance as necessary. Contact emergency medical services if breathing is difficult.

SKIN: Practice good personal hygiene. If skin is contacted by hot material, treat as a burn.

INGESTION: Not an anticipated hazard.

^{**} applies to total dust

SECTION 3 – COMPOSITION / INFORMATION ON INGREDIENTS:

CHEMICAL NAMES AND SYNONYMS: WOOD FIBER

Component (CAS#)	Percent	OSHA PEL (TWA)	ACGIH TLV (TWA)
	Composition		
Andersen Vinyl blend	(60%-32%)	5 mg/m^3*	10 mg/m^3
		15 mg/m^3**	
Polyvinyl Chloride resin	(>50%)	5 mg/m^3*	10 mg/m^3
		15 mg/m^3**	
Titanium dioxide	(<2%)	5 mg/m^3*	10 mg/m^3
(13463-67-7)		15 mg/m^3**	
Acrylic polymer blend	(<1%)	5 mg/m^3*	10 mg/m^3
(25852-37-3/9010-88-2)		15 mg/m^3**	
N,N'-ethylene	(<3%)	5 mg/m^3*	10 mg/m^3
bis(stearamide) (110-30-		15 mg/m^3**	
5)			
	(<1%)	0.1 mg/m^3	0.1 mg/m^3
Organotin compounds		(skin)	(skin)
(57583-35-4/57583-34-			
3)	(<2%)	None Exists	10 mg/m^3
Calcium state (1592-23-			
0)			
Wood (as dust)	(38%-40%)	5mg/m^3	5mg/m^3
		10mg/m^3	10mg/m^3
Ponderosa pine	(95%)	(STEL)	(STEL)
Laminate veneer lumber	(4%)		
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hemlock	(<1%)		

^{*} applies to repairable dust

<u>**PEL**</u> is the Occupational Safety and Health Administration (OSHA) permissible exposure limit and represents exposure concentrations that should not be exceeded.

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INGESTION: Not an anticipated hazard.

^{**} applies to total dust

SECTION 5 – FIRE-FIGHTING MEASURES:

FLASH POINT: Not established for this product, but expected to be greater than 400 F based on product component information

FLAMMABLE LIMITS:

LEL = NA

UEL = NA

Extinguishing media: Water (most effective), ABC dry chemical and AFFF and protein type air foams

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS: Use pressure-demand Self-Contained Breathing Apparatus (SCBA)

UNUSUAL FIRE AND EXPLOSION HAZARDS: The material may burn like any normal combustible material, but is difficult to ignite. Combustion will yield carbon monoxide and hydrogen chloride as the primary toxic products. Carbon monoxide (PEL-TWA = 35 ppm, PEL-C = 200 ppm) interferes with transport of oxygen from the lungs causing oxygen deficiency in the body with symptoms of the central nervous system impairment. Hydrogen chloride (PEL-C = 5 ppm) is an eye and upper respiratory irritant.

SECTION 6 – ACCIDENTAL RELEASE MEASURES:

NOTIFICATION PROCEDURES: None

PROCEDURES IF MATERIAL IS RELEASED OR SPILLED: Where dusty conditions are created as a result of cutting or sawing, wet dust down then sweep or vacuum for disposal. Personnel performing cleanup must use protective equipment.

ENVIRONMENTAL PRECAUTIONS: Not expected to be a problem.

PERSONAL PRECAUTIONS: See Section 8

SECTION 7 - HANDLING AND STORAGE:

Avoid breathing thermal decomposition products generated during processing. Practice good personal hygiene when working with the product. Wash thoroughly before eating, smoking or using toilet facilities. Do not store, consume, or prepare food in the processing areas.

RESPIRATORY PROTECTION: NIOSH/MSHA approved respirators may be worn in accordance with a written respiratory protection program (per 29 CFR 1910.134 Respiratory Protection) to prevent exposure to thermal decomposition products or dust at concentrations above OSHA PEL.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION:

VENTILATION: Provide local exhaust ventilation and general room ventilation to maintain exposure concentrations of thermal decomposition products below the respective OSHA PEL's. Ventilation may be required

for the following processes: Hot melting, cutting or sawing, machining, regrinding, thermoforming, and other post-processing operations involving heat sufficient enough to cause thermal degradation.

PROTECTIVE GLOVES: Wearing gloves when handling material is not necessary, but recommended.

EYE PROTECTION: Wear safety glasses when machining material.

OTHER PROTECTIVE CLOTHING/EQUIPMENT: A work coverall can be worn to protect the skin during the work shift. If exposure is substantial, the coverall should be changed at the end of the work shift.

WORK/HYGIENIC PRACTICES: Avoid overheating or burning the material to minimize generation of thermal decomposition products. Maintain a clean work floor to minimize slipping hazards presented b cut materials.

SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES:

Typical physical properties are given below.

Typical physical properties are given below.

Appearance: Hollow Profiles

Color: White, Black, Gray, Brown, Tan

Odor:

Odor Threshold - ppm:

PH:

N/A

Boiling Point C(F):

NE

Flash Point C(F):

NE

NE

Flammability: NE (Flame Spread Index = 15)

Auto Flammability:

Explosive Properties:

Oxidizing Properties:

Vapor Pressure-mmHg 20C:

Vapor Density:

Evaporation Rate:

Relative Density, 15/4 C:

NE

Solubility in Water: Negligible

Partition Coefficient: NE
Viscosity at 40C, cSt: N/A
Viscosity at 100C, cSt: N/A
Pour Point C (F): N/A
Freezing Point C(F): N/A
Volatile Organic Compound: NE

N/A = Not Applicable NE = Not Established D = Decomposes

<u>SECTION 10 – STABILITY AND REACTIVITY:</u>

Reactivity: Under fire conditions, may evolve Hydrogen Chloride (HCl), Carbon

Oxides (CO, CO2), and Nitrogen Oxides (NOx).

Stability (Thermal, Light, Etc.): Stable under anticipated conditions of use

Possibility of Hazardous Reactions: Heating above 250 °C may result in product decomposition and release of

hazardous fumes.

Conditions to Avoid: Heat. Open flame. Sparks.

Incompatible Materials: Avoid contact with: Strong acids.

Hazardous Decomposition Products: Thermal decomposition generates Hydrogen Chloride. Carbon oxides (CO,

CO2). Benzene and aromatic and aliphatic hydrocarbons. Nitrogen oxides.

Sulfur oxides. Organic hydrocarbons.

SECTION 11 – TOXICOLOGICAL INFORMATION:

ACUTE TOXICOLOGY:

Acute toxicity: Not classified Skin corrosion/irritation: Not classified Serious eye damage/irritation: Not classified Respiratory or skin sensitization: Not classified Germ cell mutagenicity: Not classified Carcinogenicity: Not classified. Reproductive toxicity: Not classified Aspiration hazard: Not classified

Symptoms/injuries after inhalation: May cause respiratory irritation.

Symptoms/injuries after skin contact:

May cause skin irritation or allergic reaction. Contact with

molten material may cause thermal burns.

Direct contact with the eyes is likely to be irritating. Symptoms/injuries after eye contact:

Symptoms/injuries after ingestion: May cause gastrointestinal irritation.

Chronic symptoms: No data available. Specific target organ toxicity (repeated exposure): Not classified

Specific target organ toxicity (single exposure): Not classified

CHRONIC TOXICOLOGY (SUMMARY):

IARC has determined that there is sufficient evidence to classify wood fiber as a human carcinogen. When wood fibers are incorporated into a polymer matrix exposure is virtually eliminated.

<u>SECTION 12 – ECOLOGICAL INFORMATION:</u>

ENVIRONMENTAL FATE AND EFFECTS: Not established.

SECTION 13 – DISPOSAL CONSIDERATIONS:

WASTE DISPOSAL: Dispose of waste as normal refuse.

SECTION 14 – TRANSPORT INFORMATION:

HS CODE: 3925.90.0000

PROPER SHIPPING NAME: Trex Transcend Railing

SECTION 15 - REGULATORY INFORMATION:

GOVERNMENTAL INVENTORY STATUS: All components comply with TSCA.

U.S. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) TITLE III: This product contains no "EXTREMELY HAZARDOUS SUBSTANCES."

SARA (311/312) REPORTABLE HAZARD CATEGORIES: CHRONIC

SECTION 16 – OTHER INFORMATION:

Information given herein is offered in good faith as accurate, but without guarantee. Conditions of use and suitability of the product for particular uses are beyond our control; all risks of use of the product are therefore assumed by the user and we expressly disclaim all warranties of every kind and nature, including warranties of merchantability and fitness for a particular purpose in respect to the use or suitability of the product. Nothing is intended as a recommendation for uses which infringe valid patents or as extending license under valid patents. Appropriate warnings and safe handling procedures should be provided to handlers and users. Alternation of this document is strictly prohibited. Except to the extent required by law, republication or retransmission of this document, in whole or in part, is not permitted. Trex® assumes no responsibility for accuracy of information unless the document is the most current available from an official Trex® distribution system. Trex® neither represents nor warrants that the format, content or product formulas contained in this document comply with the laws of any other country except the United States of America.

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Page 25



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COMPOSITE DECKING – TREX TRANSCEND AND TREX ENHANCE

Part 1 General

- 1.1 Section Includes
 - A. Composite Decking (Trex Transcend and Trex Enhance)
- 1.2 Related Sections
 - A. Section 06-1100 Wood Framing
- 1.3 References
 - A. ASTM D-7032-04: Standard Specification for Establishing Performance Ratings for Wood-Plastic Composite Deck Boards and Guardrail Systems (Guards or Handrails), ASTM International.
 - B. ASTM D-7031-04: Standard Guide for Evaluating Mechanical and Physical Properties of Wood-Plastic Composite Products, ASTM International
 - C. ASTM E-84-01: Test Method for Surface Burning Characteristics of Building Materials, ASTM International.
 - D. ASTM D 570: Water Absorption of Plastics
 - E. ASTM D 1761: Mechanical Fasteners in Wood
 - F. ASTM D -1413-99: Test method for Wood Preservatives by Laboratory Soilblock Cultures
 - G. ASTM C177: Standard Test Method for Steady-State Heat Flux Measurements and Thermal Transmission Properties by Means of the Guarded-Hot-Plate Apparatus
- 1.4 Design/Performance Requirements
 - A. Structural Performance:
 - a. Deck: Uniform Load 100lbf/sq.ft.
 - b. Tread of Stairs: Concentrated Load: 750 lbf/sq.ft., and 1/8" max. deflection with a concentrated load of 300 lbf on area of 4 sq. in.
 - B. Fire-Test Response Characteristics per ASTM E-84.
- 1.5 Submittals

- A. Product Data Indicate sizes, profiles, surface style, and performance characteristics
- B. Samples: For each product specified, one sample representing actual product color, size, and finish.

1.6 Delivery, Storage, and Handling

- A. Store Trex products on a flat and level surface. Adjust support blocks accordingly
- B. Support Trex bundles on supplied dunnage
- C. When stacking Trex bundles, supports should start approximately 8" from each end and be spaced approximately 2ft on center. Supports should line up vertically/perpendicular to the decking product.
- D. Do not stack Trex Select decking more than 14 bundles.
- E. Keep material covered using the provided bundle cover until time of installation.
- F. See www. Trex.com for detailed storage recommendations;
 - a. http://s7d4.scene7.com/is/content/Trex/Installation%20Guide%202013pdf

1.7 Warranty

A. Provide manufactures warranty against rot, decay, splitting, checking, splintering, fungal damage, and termite damage for a period of 25 years for a residential installation and 10 years for a commercial installation. In addition provide the Trex Transcend and Trex Enhance Fade and Stain Warranty against food staining and fading beyond 5 Delta E (CIE units) for a period of 25 years for a residential installation and 10 years for a commercial installation. Specific terms for warranties can be found at; www.Trex.com

Part 2 Products

2.1 Manufacturers

- A. Contract Documents are based on products supplied by; Trex Company, Inc., 160 Exeter Dr., Winchester, VA 22603.
- B. Substitutions: Not permitted under Division 01

2.2 Applications/Scope

- A. Wood-Plastic Composite Lumber;
 - a. Material Description: Composite Decking consisting of recycled Linear Low Density Polyethylene (LLDPE) and recycled wood. The product is extruded into shapes and sizes as follows:
 - i. Trex Transcend and Trex Enhance Decking Boards; 1 x 5.5".
 - ii. Lengths -12, 16, and 20 feet
 - iii. Color To be specified by owner from Trex' standard list of colors.

b. Physical and Mechanical Properties as follows:

Test	Test Method	Value	
Flame spread	ASTM E 84	60(Transcend) / 85(Enhance)	
Thermal Expansion	ASTM D 1037	1.9 x 10-5 inch/inch/degreeF	
Moisture Absorption	ASTM D 1037	< 1%	
Screw Withdrawal	ASTM D1761	558 lbs/in	
Fungus Resistance	ASTM D1413	Rating - no decay	
Termite Resistance	AWPAE1-72	Rating = 9.6	
		Ultimate (Typical)Values *	Design Values
Compression Parallel	ASTM D198	1588 psi	540 psi
Compression Parallel Compression Perpendicular	ASTM D198 ASTM D143		The second of th
		1588 psi	540 psi
Compression Perpendicular	ASTM D143	1588 psi 1437 psi	540 psi 540 psi
Compression Perpendicular Bending Strength	ASTM D143 ASTM D198	1588 psi 1437 psi 3280 psi	540 psi 540 psi 500 psi

^{*} Ultimate strength values are not meant for design analysis. Design values are for temperatures up to 130F (54C)

2.2 Accessories

A. Fasteners:

- a. Trex Universal Hideaway Hidden Fasteners
- b. Screws; See http://s7d4.scene7.com/is/content/Trex/Installation%20Guide%202013pd for the updated recommendations on fasteners.

Part 3 Execution

3.1 Installation

- A. Install according to Trex installation guidelines. http://s7d4.scene7.com/is/content/Trex/Installation%20Guide%202013pdf
- B. Cut, drill, and rout using carbide tipped blades
- C. Do not use composite wood material for structural applications

3.2 Cleaning

A. Following cleaning recommendations as found in Trex installation guide at; http://s7d4.scene7.com/is/content/Trex/Installation%20Guide%202013pdf

TrexEnhance®

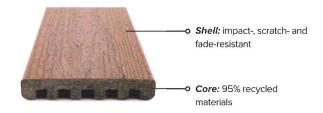






LOW-COST, HIGH-PERFORMANCE DECKING & FASCIA

Trex Enhance* decking and Trex* Fascia are wood thermoplastic composite lumber (WTCL) boards with an integrated shell that covers the boards on the top surface and sides. The integrated shell consists of a proprietary surface formulation that produces a natural, wood-like grain pattern finish. An alternative to naturally durable hardwood lumber, Enhance Decking and Fascia are ICC-ES SAVE-certified to be a minimum of 95.4% recycled content of wood fiber and polyethylene by weight.



DECKING

1" Grooved edge





FASCIA



8" or 12" Widths

FEATURE	DECKING BOARDS	FASCIA BOARDS		
FEATURES	1" x 6"	8"	12"	
Actual Dimensions - Standard	.94" x 5.5"	.56" x 7.25"	.56" x 11.375"	
Actual Dimensions - Metric	24 mm x 140 mm	14 mm x 184 mm	14 mm x 288 mm	
Available Lengths - Standard	12', 16', 20'	12'	12'	
Available Lengths - Metric	365 cm, 487 cm, 609 cm	365 cm	365 cm	
Grooved Edge	×			
Square Edge	×	X	X	
Weight per Lineal Foot	1.9 lbs	2.0 lbs	3.3 lbs	



PHYSICAL & MECHANICAL PROPERTIES

TEST	TEST METHOD	VALUE	
Flame Spread	ASTM E 84	125	
Thermal Expansion	ASTM D 1037	1.9 × 10⁻⁵ in/in/°F	
Moisture Absorption	ASTM D 1037	< 1%	
Screw Head Pull-Through	ASTM D1761	161 lbf/screw*	
Fungus Resistance	ASTM D1413	Rating — no decay	
Termite Resistance	AWPAE1-72	Rating = 9.6	

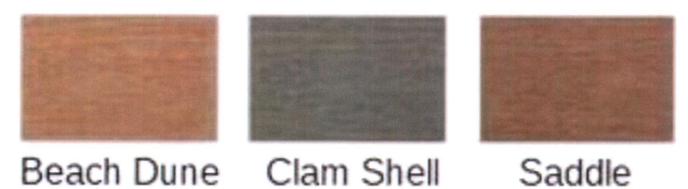
^{*}Fastener used in testing: #8 x 2.5" HEADCOTE Stainless Steel Screw

Naturals (multi-tonal) Foggy Wharf Clam Shell Rocky Harbor Beach Dune Toasted Sand Saddle Coastal Bluff



For a full list of approved fasteners, download our Installation Guide at trex.com/literature

ENHANCE BASICS - GOOD



ENHANCE NATURALS - BETTER



GENERAL NOTES

AND INSTALLATION OF ALL MATERIALS AND EQUIPMENT.

- 1. ALL WORK SHALL CONFIRM TO ALL LAWS, RULES, AND REGULATIONS, INCLUDING REFERENCE STANDARDS OF THE 2020 RESIDENTIAL BUILDING CODE OF NEW YORK STATE, AS WELL AS CURRENT EDITIONS OF THE NATIONAL ELECTRIC CODE (NEC), UNIFORM PLUMBING CODE (UPC), UNIFORM MECHANICAL CODE (UMC), OSHA REGULATIONS, FIRE PREVENTION CODE, FIRE DEPARTMENT REGULATIONS, BEST TRADE PRACTICES AND ALL OTHER HEALTH, LIFE AND SAFETY CODES, NATIONAL CODES, ORDINANCES AND REQUIREMENTS ADOPTED BY GOVERNING AGENCIES. IN THE CASE OF CONFLICT OF THESE REGULATIONS AND THE CONTRACT DOCUMENTS. THE MOST RESTRICTIVE SHALL APPLY
- UNLESS CONTRACTED BY OWNER THROUGH PRIOR AGREEMENT. THE ARCHITECT WILL NOT PROVIDE REGULAR ON SITE CONTRACT ADMINISTRATION AND IS AVAILABLE ONLY AT REQUEST OF THE OWNER. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR QUALITY CONTROL AND CONSTRUCTION STANDARDS FOR
- THESE PLANS ARE FOR GENERAL CONSTRUCTION PURPOSES ONLY. THEY ARE NOT EXHAUSTIVELY DETAILED NOR FULLY SPECIFIED. THE DRAWINGS WERE PREPARED TO A LEVEL OF COMPLETION SATISFACTORY FOR BUILDING PERMIT PURPOSES AND FOR CONSTRUCTION BY A KNOWLEDGEABLE AND EXPERIENCED CONTRACTOR, THE CONTRACTOR IS RESPONSIBLE FOR PREPARATION OF ANY SUPPLEMENTAL PRODUCT SPECIFICATIONS, COORDINATION
- 4. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING SITE CONDITIONS. THE CONTRACTOR SHALL CHECK AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO COMMENCING WORK, AND SHALL REPORT ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE FIELD CONDITIONS TO THE ARCHITECT. IN A RENOVATION OR RESTORATION PROJECT, ALL DIMENSIONS AND CONDITIONS SHOW ARE APPROXIMATE AS ALL NEW WORK MUST JOIN AND ALIGN WITH
- EXISTING CONDITIONS. THE CONTRACTOR SHALL DETERMINE ACTUAL FINISHED DETAILS OF CONSTRUCTION RELATING TO VERIFIED FIELD MEASUREMENTS IN ORDER JOIN AND ALIGN NEW TO EXISTING WORK. MINOR DETAILS NOT USUALLY SHOWN OR SPECIFIED SHALL BE INCLUDED BY THE CONTRACTOR IN THIS SCOPE OF WORK AS IF THEY WERE INDICATED IN
- THE CONTRACTOR SHALL LAY OUT HIS OWN WORK AND SHALL PROVIDE ALL DIMENSIONS REQUIRED FOR ALL TRADES. BEFORE COMMENCING WORK, THE CONTRACTOR SHALL FILE ALL REQUIRED CERTIFICATES OF INSURANCE WITH THE DEPARTMENT OF BUILDINGS AS
- NECESSARY TO OBTAIN ALL PERMITS REQUIRED BY GOVERNING NEW YORK AGENCIES. ALL GENERAL CONSTRUCTION TO BE PERFORMED BY LICENSED CONTRACTORS IN THE MUNICIPALITY IN WHICH THE PROJECT IS LOCATED. ALL TRADES
- SHALL ARRANGE FOR AND OBTAIN ANY/ALL INSPECTIONS AND PERMITS ASSOCIATED WITH THEIR WORK. 10. THE CONTRACTOR SHALL DO ALL CUTTING, PATCHING, AND REPAIRING AS REQUIRED TO PERFORM ALL OF THE WORK INDICATED ON THE DRAWINGS, AND
- ALL OTHER WORK THAT MAY BE REQUIRED TO COMPLETE THE JOB. . THE CONTRACTOR SHALL PROVIDE WORKMEN'S COMPENSATION, LIABILITY, AND PROPERTY DAMAGE INSURANCE POLICIES TO THE LIMITS REQUIRED BY
- THE LOCAL MUNICIPALITY AND/OR OWNER. 12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL PERMITS BY THE LOCAL BUILDING DEPARTMENT HAVING JURISDICTION OVER THE PROPERTY, AND SHALL ARRANGE FOR ALL REQUIRED NOTIFICATIONS, TESTING, INSPECTIONS, AND APPROVALS.
- 13. UPON COMPLETION OF WORK, OR AS REQUIRED AT VARIOUS STAGES DURING CONSTRUCTION, THE CONTRACTOR SHALL APPLY FOR AND ARANGE FOR DEPARTMENT OF BUILDINGS INSPECTIONS AND SIGN-OFFS. 14. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE DESIGN, ADEQUACY, AND SAFETY OF ERECTION, BRACING, SHORING, TREE PROTECTION, TEMPORARY SUPPORTS, ETC. THE STRUCTURAL ELEMENTS ARE NOT CONSIDERED STABLE UNTIL THE STRUCTURE IS COMPLETE. ALL NECESSARY MEASURES TO
- INSURE THE SAFETY OF ALL PERSONS AND STRUCTURES ON AND ADJACENT TO THE SITE. CARE SHALL BE TAKEN TO PROTECT FROM ANY DAMAGE ALL TREES AND VEGETATION ON SITE AND ON ADJOINING PROPERTIES. 15. REVIEW OF SUBMITTAL INFORMATION SHALL BE FOR GENERAL REQUIREMENTS OF THE PROJECT, AND SHALL NOT INCLUDE CHECKING OF DETAILED DIMENSIONS OR DETAILED QUANTITIES, NOR REVIEW OF THE CONTRACTOR'S SAFETY MEASURES ON OF OFF THE WORKSITE OR THE MEANS AND METHODS
- 16. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND ARCHITECTURAL AND STRUCTURAL PLAN DIMENSIONS AND ELEVATIONS PRIOR TO THE
- COMMENCEMENT OF CONSTRUCTION AND NOTIFY THE ARCHITECT OF ANY CONFLICTS. 7. THE CONTRACTOR SHALL NOT SCALE DRAWINGS, DIMENSIONS SHOWN ON ARCHITECTURAL AND STRUCTURAL PLANS AND DETAILS WILL CONTROL. 18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SITE AND ADJOINING PROPERTIES, BUILDING STRUCTURES, PAVEMENTS SIDEWALKS, STREETS, CURBS, LANDSCAPING, ETC. WITHIN THE AREA OF THEIR OPERATIONS REQUIRED TO PERFORM THE WORK OUTLINED IN THESE DRAWINGS AND
- SPECIFICATIONS. THE CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY CLOSURES, GUARD RAILS, BARRICADES, ETC TO ADEQUATELY PROTECT WORKMEN, OCCUPANTS, AND THE PUBLIC FROM INJURY. 19. THE CONTRACTOR SHALL PROVIDE FOR THE REMOVAL OF RUBBISH AND DEBRIS, AND FOR THE GENERAL CLEANLINESS OF THE JOB SITE FOR THE DURATION OF THE PROJECT. NO ACCUMULATION OF DEBRIS OR RUBBISH SHALL BE PERMITTED. AT THE COMPLETION OF THE PROJECT THE CONTRACTOR SHALL LEAVE THE PREMISES FREE AND CLEAR OF ALL RUBBISH AND THE CONTRACTOR SHALL REMOVE ALL DEBRIS FROM THE BUILDING SITE AND INSIDE
- BUILDING, BEFORE FINAL NOTICE OF COMPLETION, THE AREA OF WORK SHALL BE FULLY CLEANED, INCLUDING ALL GLASS POLISHED, SCRUBBED AND CLEANED, AND FLOORS IN A BROOM CLEAN CONDITION, AND THE BUILDING SHALL BE SUITABLE FOR IMMEDIATE OCCUPANCY BY OWNER. 20. THE ARCHITECT AND THE ARCHITECT'S CONSULTANTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, PRESENCE, HANDLING, REMOVAL, DISPOSAL OF ANY HAZARDOUS MATERIALS DISCOVERED AT THE PROJECT SITE, NOR ANY RESPONSIBILITY FOR THE EXPOSURE OF ANY PERSONS EXPOSED TO SUCH MATERIALS AT THE PROJECT SITE.
- 21. EXCAVATION OF ANY KIND, WHETHER FOR UTILITY PIPING, FOUNDATIONS, OR OTHERWISE SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL NOTIFY THE LOCAL BUILDING DEPARTMENT AND OIR UTILITY COMPANY TO DETERMINE THE LOCATIONS OF ANY EXISTING UNDERGROUND UTILITIES AND PROVIDE PROTECTION FOR THESE UNDERGROUND UTILITIES DURING EXCAVATION PROCEDURES. THE CONTRACTOR SHALL INDEMNIFY THE OWNER AND THEIR AGENTS AND THE ARCHITECT AND THEIR AGENTS FOR AND AGAINST ALL SUITS, CLAIMS OR
- LIABILITY ON ACCOUNT OF PERSONAL INJURIES OR PROPERTY DAMAGE ARISING OUT OF THE NEGLIGENT ACTS OF THE CONTRACTOR IN THE PERFORMANCE OF THE WORK COVERED UNDER THIS CONTRACT. 23. AT THE COMPLETION OF THE WORK CONTRACTOR SHALL PROVIDE OWNER WITH A WAIVER OF LIENS AND SHALL CERTIFY THAT ALL SUPPLIERS AND
- SUBCONTRACTORS HAVE BEEN PAID IN FULL.
- 24. AT THE COMPLETION OF THE PROJECT THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE CERTIFICATE OF OCCUPANCY AND/OR OTHER SIGNOFFS FROM THE AUTHORITY HAVING JURISDICTION. 25. CONTRACTOR SHALL PROVIDE AND PAY ALL LABOR, MATERIALS, EQUIPMENT, MACHINERY, TOOLS, ELECTRICAL POWER, WATER, HEAT, TELEPHONES, AND
- OTHER UTILITIES/SERVICES FOR THE PROPER EXECUTION AND CONSTRUCTION OF THE BUILDING, FACILITIES, SERVICES AND SITE IMPROVEMENTS CONFORMING TO THE CONTRACT DOCUMENTS, DRAWINGS AND SPECIFICATIONS REPRESENT FINISHED COMPLETION OF PROJECT WORK. 26. CONTRACTOR SHALL SECURE AND PAY FOR PERMITS, GOVERNMENT FEES, LICENSES AND INSPECTIONS, AS NECESSARY FOR PROPER EXECUTION AND COMPLETION OF WORK, WHICH ARE CUSTOMARILY SECURED AFTER START OF CONSTRUCTION AND WHICH AREA APPLICABLE AT TIME CONTRACT IS
- 27. ARCHITECT SHALL NOT BE HELD RESPONSIBLE FOR THE CONTRACTOR'S FAILURE TO CONFORM TO THE CONSTRUCTION DOCUMENTS, CODES,
- REGULATIONS AND LAWS, OR FOR THE PERFORMANCE OF THE CONTRACTOR IN A TIMELY AND SATISFACTORY MANNER. 28. CONTRACTOR SHALL OBTAIN, AND MAINTAIN IN FORCE THROUGHOUT THE DURATION OF THE PROJECT, ALL INSURANCE COVERAGE MANDATED BY
- STATUTES IN FORCE AT THE PROJECT'S LOCATION. OBTAIN ADDITIONAL INSURANCE COVERAGE AS DIRECTED BY THE OWNER. 9. THESE DRAWINGS AND SPECIFICATIONS ARE DIVIDED INTO SECTIONS FOR CONVENIENCE OF CONTRACTORS, SUBCONTRACTORS AND MATERIALS SUPPLIERS. CONTRACTORS, SUBCONTRACTORS AND MATERIAL SUPPLIERS SHALL REFER TO ALL RELEVANT SECTIONS FOR BIDDING AND PERFORMING THEIR WORK AND SHALL BE RESPONSIBLE FOR ALL ASPECTS OF THE CONSTRUCTION REGARDLESS OF WHERE THE INFORMATION OCCURS IN THE
- 30. CONTRACTOR SHALL MAINTAIN A SEPARATE SET OF DRAWINGS ON SITE TO BE MARKED UP BY THE CONTRACTOR WITH "AS-BUILT" INFORMATION FOR
- 31. CONTRACTOR SHALL DELIVER TO OWNER, UPON PROJECT CLOSE-OUT THE PERMIT AND RECORD (AS-BUILT) SETS OF CONSTRUCTION DOCUMENTS TOGETHER WITH OPERATION AND MAINTENANCE DATA, WARRANTIES, BONDS IF APPLICABLE, CERTIFICATES OF COMPLIANCE REQUIRED BY REGULATORY
- AUTHORITIES AND SUCH OTHER PROJECT RECORDS AS MAY BE REQUESTED BY THE OWNER. FOOTING DESIGN: 2,500 PSF NET ALLOWABLE SOIL BEARING PRESSURE ASSUMED. BUILDER/CONTRACTOR MUST VERIFY.
- BUILDER TO VERIFY CORROSION-RESISTANCE COMPATIBILITY OF HARDWARE & FASTENERS IN CONTACT WITH PRESERVATIVE-TREATED WOOD. 34. FOOTINGS SHALL BEAR ON VIRGIN SOIL OR 95% COMPACTED FILL

WOOD FRAMING

- ALL WOOD FRAMING SHALL BE FABRICATED AND INSTALLED PER AITC AND TPI AND NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION. ALL STRUCTURAL WOOD MEMBERS SHALL HAVE A MINIMUM EXTREME FIBER STRESS IN BENDING (FB)=1200 PSI.
- UNLESS NOTED OTHERWISE ALL FRAMING MEMBERS SHALL BE PRESSURE TREATED LUMBER AND FOLLOWING MINIMUM LUMBER GRADES SHALL BE USED: A. STRUCTURAL LIGHT FRAMING SIZE 2" TO 4" THICK x 2" TO 4" WIDE - NO. 2 OR #2 HEM / FIR OR BETTER. B. STUDS SIZE 2" TO 4" THICK X 2" TO 6" WIDE - STUD GRADE.
- . STRUCTURAL JOISTS AND PLANKS SIZE 2" TO 4" THICK X 5" AND WIDER NO. 2 OR BETTER. D. LIGHT FRAMING SIZE 2" TO 4" THICK X 2" TO 4" WIDE-STANDARD OR BETTER.
- 15. PRESSURE-TREAT LUMBER SHALL BE USED IN ACCORDANCE WITH THE MANUAL OF RECOMMENDED PRACTICE OF THE AMERICAN WOOD PRESERVERS ASSOCIATION (AWPA). 16. PLYWOOD SHEATHING OR STRAND BOARD SHALL BE APA STRUCTURAL 1, GROUP 1 SIZE AND SPAN RATING AS SHOWN ON THE DRAWINGS. NAIL WITH
- RSRS-01 RING SHANK NAILS AT 6" O.C. ALONG PANEL EDGES AND 6" O.C. AT INTERMEDIATE SUPPORTS. 7. ALL WOOD MEMBERS EXPOSED TO WEATHER OR IN CONTACT WITH MASONRY, CONCRETE OR SOIL SHALL BE PRESSURE-TREATED. 18. CONTRACTOR SHALL PROVIDE ALL FASTENING DEVICES NECESSARY AND SUITED FOR EACH APPLICATION. FASTENINGS SUBJECT TO MOISTURE SHALL BE
- HOT-DIP GAI VANIZED TO ASTM A-153-80. 19. SOLID BLOCK ALL JOISTS AND RAFTERS AT POINTS OF SUPPORT.
- 20. NAILS SHALL BE RIGHT COMMON WIRE NAILS, HOT-DIPPED GALVANIZED FOR EXTERIOR WORK, SUBDRILLED WHERE NECESSARY. CLIPS, CONNECTIONS, HANGERS, HOLD-DOWNS, ETC. SHOWN ON THESE DRAWINGS ARE SIMPSON STRONG-TIE CONNECTORS, UNLESS OTHERWISE NOTED. FASTENERS OF OTHER MANUFACTURERS MAY BE SUBSTITUTED PROVIDED THE LOAD VALUES OF THE SUBSTITUTED FASTENER FOR GROUP II WOOD
- SPECIES EQUALS OR EXCEEDS THE SPECIFIED FASTENER. . NAILING OF ALL MEMBERS SHALL BE IN ACCORDANCE WITH THE BUILDING CODE. SEE CODE FOR TABLE. 3. ALL SLEEPERS AND SILLS SHALL BE MADE OF PRESSURE TREATED WOOD.
- 4. ALL DOUBLE FRAMING MEMBERS SHALL BE NAILED TOGETHER WITH 16d NAILS STAGGERED AT 16" ON CENTERS 2" FROM TOP AND BOTTOM. HEADERS SHALL
- BE 2-2x12, UNLESS OTHERWISE NOTED. 5. HOLES AND NOTCHES MUST BE APPROVED BY THE ARCHITECT. IF APPROVED THE NOTCHES ON THE ENDS OF JOISTS SHALL NOT EXCEED ONE-FOURTH THE DEPTH. HOLES BORED FOR PIPE OR CABLE SHALL NOT BE WITHIN THE TOP OR BOTTOM THIRD OF THE JOIST DEPTH AND THE DIAMETER OF SUCH HOLE SHALL NOT EXCEED ONE-THIRD THE JOIST DEPTH NOTCHES FOR PIPES IN THE TOP OR BOTTOM OF JOISTS SHALL NOT EXCEED ONE-SIXTH THE JOIST DEPTH
- 6. STRESS GRADE: SOUTHERN PINE NO. 2 OR ENGINEER APPROVED EQUAL, ALL DESIGN VALUES ARE UNDER NORMAL LOADING AND IN DRY CONDITIONS OF SERVICE. SYP MAY BE SUBSTITUTED FOR SPF.
- 27. ALL FASTENERS AND NAILS IN CONTACT WITH PRESSURE TREATED LUMBER SHALL BE MADE OF TYPE 304 OR TYPE 316 STAINLESS STEEL UNLESS THE LUMBER IS TREATED WITH CCA-C OR SBX (DOT), BUT NOT SBX (DOT) WITH SODIUM SILICATE (NaSiO2). 29. UNLESS OTHERWISE NOTED, USE THE FOLLOWING MINIMUM GRADE OF LUMBER FOR FRAMING:
 - SILL ON FOUNDATION WALLS OR SLAB ON GRADE NO. 3 SYP JOISTS, RAFTERS & HEADERS PLATES, CAPS & BUCKS NO. 2 SYP

Location: VILLAGE OF IRVINGTON

Speed (mph)

*Special Wind

AND SHALL NOT BE LOCATED IN THE MIDDLE ONE-THIRD OF THE SPAN.

NO. 2 SYP (OR SEE SCHEDULE) POSTS & COLUMNS NO. 2 SYP

METAL FLASHING, VINYL FLASHING, SELF-ADHERED MEMBRANES AND MECHANICALLY ATTACHED FLEXIBLE FLASHING SHALL BE APPLIED SHINGLE-FASHION OR IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. METAL FLASHING SHALL BE CORROSION RESISTANT. FLUID-APPLIED MEMBRANES USED AS FLASHING SHALL BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. ALL FLASHING SHALL BE APPLIED IN A MANNER TO PREVENT

Seismic Design

Category

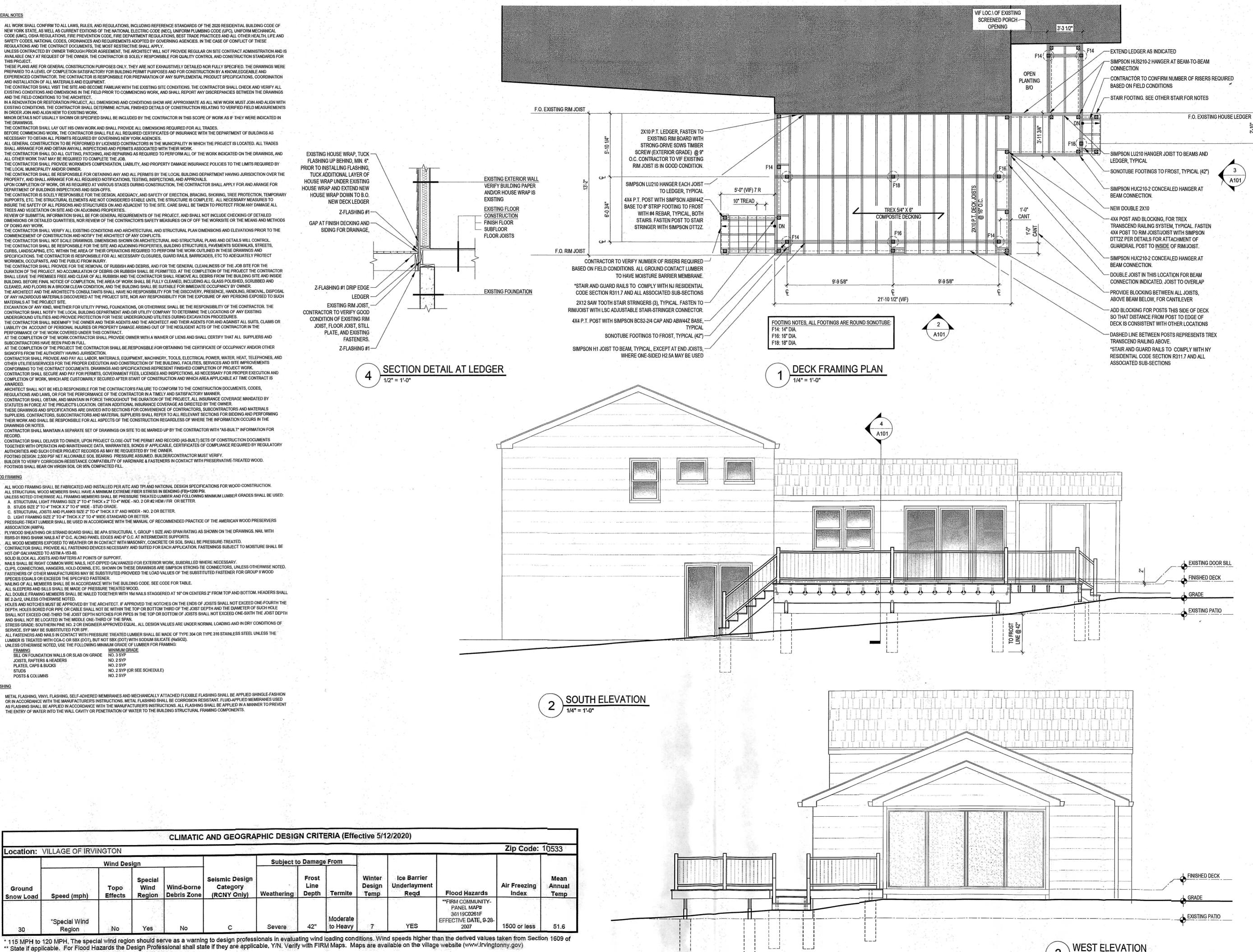
(RCNY Only)

Wind-borne

Region Debris Zone

THE ENTRY OF WATER INTO THE WALL CAVITY OR PENETRATION OF WATER TO THE BUILDING STRUCTURAL FRAMING COMPONENTS.

Effects



30 CARLA LANE

30 CARLA LANE **IRVINGTON NY**



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Description 10.17.2022 ISSUED FOR BUILDING PERMIT

Seal / Signature

NEW YORK ARCHITECT LICENSE #043501



Project Name

30 CARLA LANE

Project Number

P22040

Description

DECK FRAMING PLAN, **EXTERIOR ELEVATIONS, &**

DETAILS

Scale

1/4" = 1'-0"

A-101