

CERTIFICATE OF APPROPRIATENESS APPLICATION FORM



**PLANNING &
DEVELOPMENT
DEPARTMENT**

PROPERTY

Address 1016 Heights Blvd Houston 77008
 Historic District / Landmark Houston Heights HCAD # 0202130010003
 Subdivision Patio Homesites - Houston Heights Lot- TR 3 Block 217

DESIGNATION TYPE

- | | |
|--|--|
| <input type="checkbox"/> Landmark | <input type="checkbox"/> Contributing |
| <input type="checkbox"/> Protected Landmark | <input type="checkbox"/> Noncontributing |
| <input type="checkbox"/> Archaeological Site | <input type="checkbox"/> Vacant |

PROPOSED ACTION

- | | |
|---|-------------------------------------|
| <input checked="" type="checkbox"/> Alteration or Addition <i>replace windows</i> | <input type="checkbox"/> Relocation |
| <input type="checkbox"/> Restoration | <input type="checkbox"/> Demolition |
| <input type="checkbox"/> New Construction | <input type="checkbox"/> Excavation |

DOCUMENTS

Application checklist for each proposed action and all applicable documentation listed within are attached

OWNER

Name Clarice D. Wissner
 Company _____
 Mailing Address 1016 Heights Blvd
Houston TX 77008
 Phone 713-542-6604
 Email _____
 Signature Clarice Wissner
 Date 6-11-15

APPLICANT (if other than owner)

Name Renewal by Andersen of Houston
 Company " " _____
 Mailing Address 9825 FM 2920 Rd.
Tomball, TX 77375
 Phone 281-378-6000
 Email _____
 Signature [Signature]
 Date 6/15/15

ACKNOWLEDGEMENT OF RESPONSIBILITY

Requirements: A complete application includes all applicable information requested on checklists to provide a complete and accurate description of existing and proposed conditions. Preliminary review meeting or site visit with staff may be necessary to process the application. Owner contact information and signature is required. Late or incomplete applications will not be considered.

Deed Restrictions: You have verified that the work does not violate applicable deed restrictions.

Public Records: If attached materials are protected by copyright law, you grant the City of Houston, its officers, agencies, departments, and employees, non-exclusive rights to reproduce, distribute and publish copyrighted materials before the Houston Archaeological and Historical Commission, the Planning Commission, City Council, and other City of Houston commissions, agencies, and departments, on a City of Houston website, or other public forum for the purposes of application for a Certificate of Appropriateness or building permit, and other educational and not for profit purposes. You hereby represent that you possess the requisite permission or rights being conveyed here to the City.

Compliance: If granted, you agree to comply with all conditions of the COA. Revisions to approved work require staff review and may require a new application and HAHC approval. Failure to comply with the COA may result in project delays, fines or other penalties.

Planner: _____ Application received: ___ / ___ / ___ Application complete: ___ / ___ / ___

Clarice Wissner/Neville Franssen Project

1016 Heights Blvd. Houston, TX 77008

Proposed work to be done: Renewal by Andersen of Houston Window Replacement is replacing five (7) windows at this address. Current condition of windows to be replaced is "good".

Window A: Double hung Insert frame – Equal Sash ratio 1:1; White Interior and exterior No Grilles. Size is 42 11/16" wide x 46 11/16" height. Frame material is Fibrex wood material.

Window B: Double hung Insert frame Equal Sash ratio 1:1; White Interior and exterior; No Grilles. Size is 22 13/16" wide x 50 5/8" height. Frame material is Fibrex wood material.

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Window G: Double hung Insert frame; 1:1 sash ratio; White interior and exterior; No Grilles; Size is 34 9/16" x 50 7/16" height. Frame material is Fibrex wood material.



A

Shutters

B
C

Bedroom 1

1016

Master Bedroom



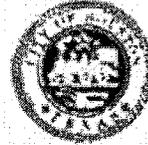
Master
Bedroom

F

U



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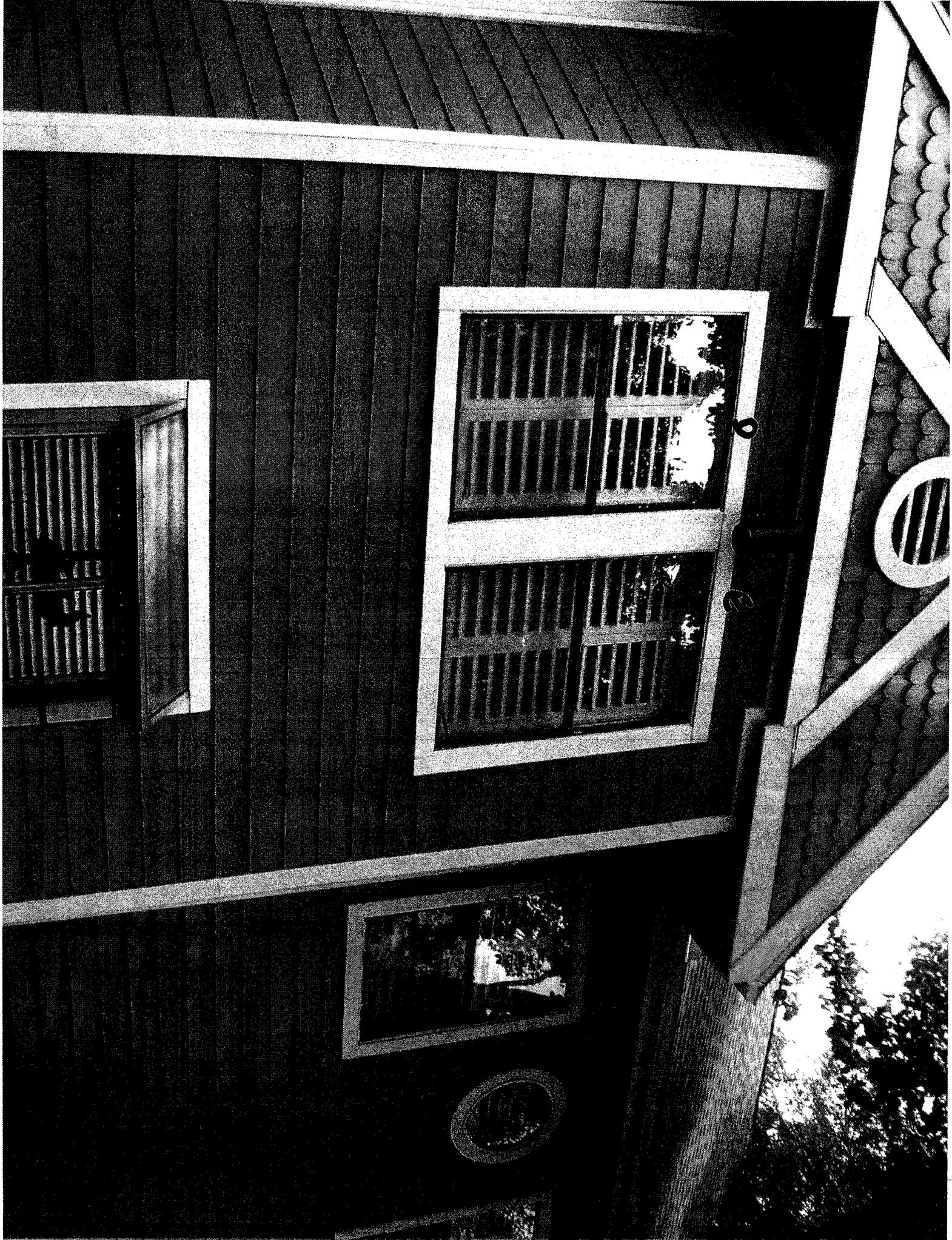
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1016



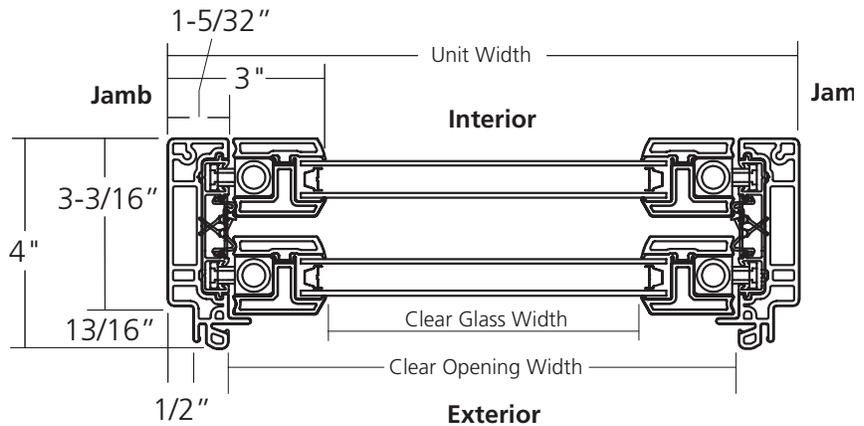
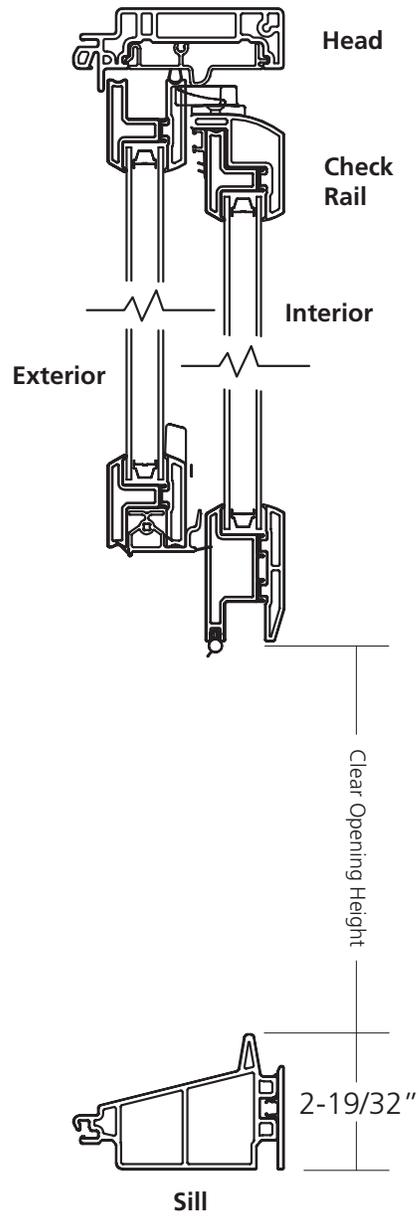
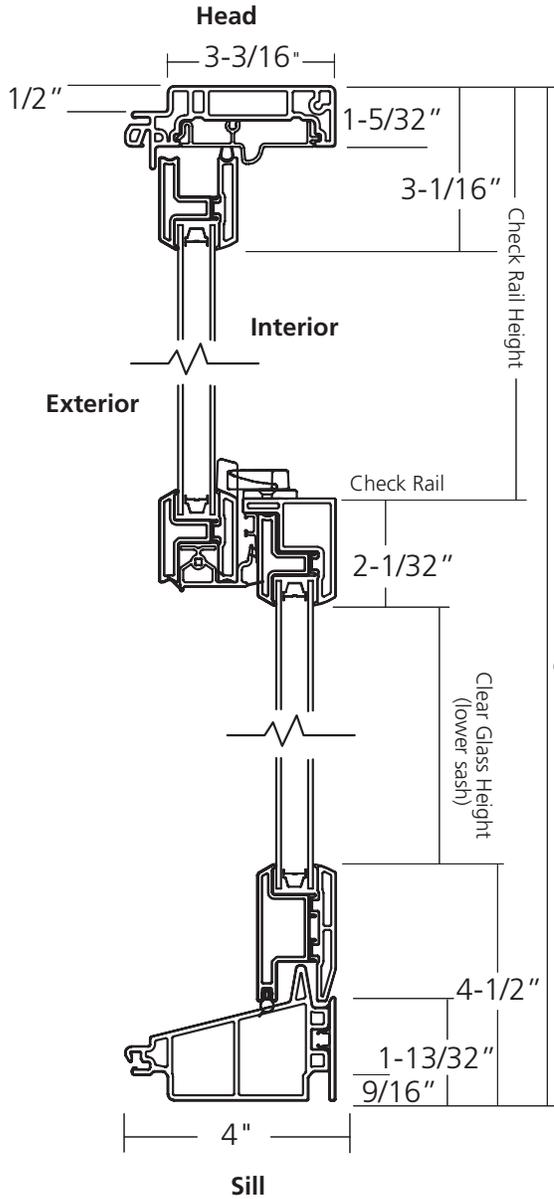




CLEAR OPENING AND CLEAR GLASS DIMENSIONS, cont.

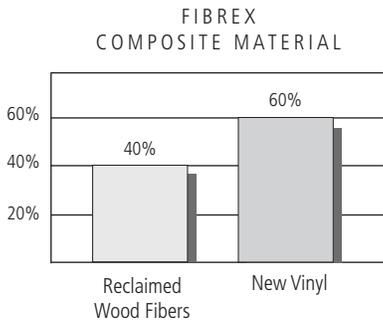
DOUBLE-HUNG WINDOW

FLAT SILL INSERT



Window profiles shown for measurement purposes.

FIBREX® COMPOSITE MATERIAL

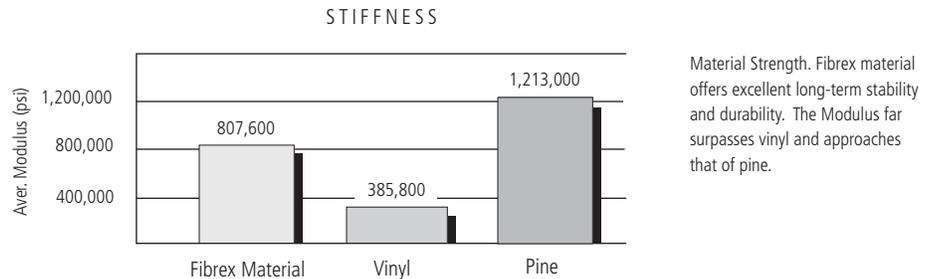


Renewal by Andersen® windows are made of our exclusive Fibrex material. Developed by Andersen, it is a composite blend of reclaimed (not recycled) and new vinyl and wood that provides excellent strength, durability and low maintenance.

Window materials are exposed to many atmospheric elements such as wind stress, moisture, and temperature extremes. The following data demonstrates how Fibrex material performs under these elements.

- Stiffness** – Modulus is the scientific term for a material’s stiffness. The higher the number, the stiffer the material. The average modulus for Fibrex material is twice the average for vinyl, making it a far more stable and rigid material for windows. And though wood’s average stiffness is higher, it is far less predictable than Fibrex material since wood possesses natural variations such as grain, knots, pitch pockets, and moisture content. All of which means we can make our window frames and sash narrower than competitive windows, gaining more glass area and light from the same size opening.

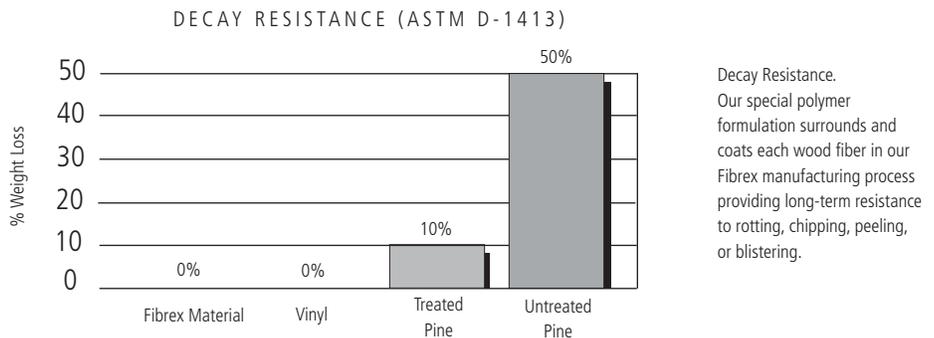
The graph below demonstrates the superiority of Fibrex material over other materials.



Material Strength. Fibrex material offers excellent long-term stability and durability. The Modulus far surpasses vinyl and approaches that of pine.

- Decay Resistance** – Eventually, without maintenance, even treated wood can be subject to decay. Fortunately, Fibrex material is not. Our special composite formulation surrounds and coats each wood fiber in the manufacturing process, providing resistance to rot. And windows made of Fibrex material are warranted not to flake, rust, blister, peel, crack, pit or corrode.*

The change in the mass of material is measured according to ASTM D-1413, which demonstrates that Fibrex material is comparable to vinyl in resistance to decay.



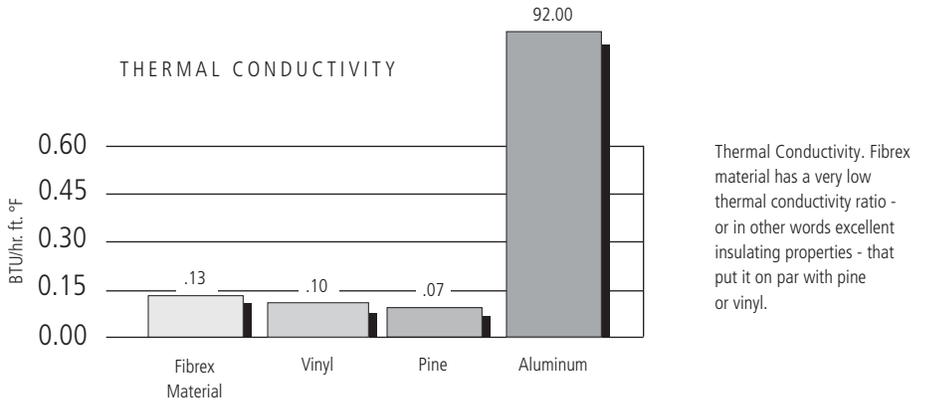
Decay Resistance. Our special polymer formulation surrounds and coats each wood fiber in our Fibrex manufacturing process providing long-term resistance to rotting, chipping, peeling, or blistering.

*See the Limited Warranty for Renewal by Andersen Products and Services.

FIBREX® COMPOSITE MATERIAL, cont.

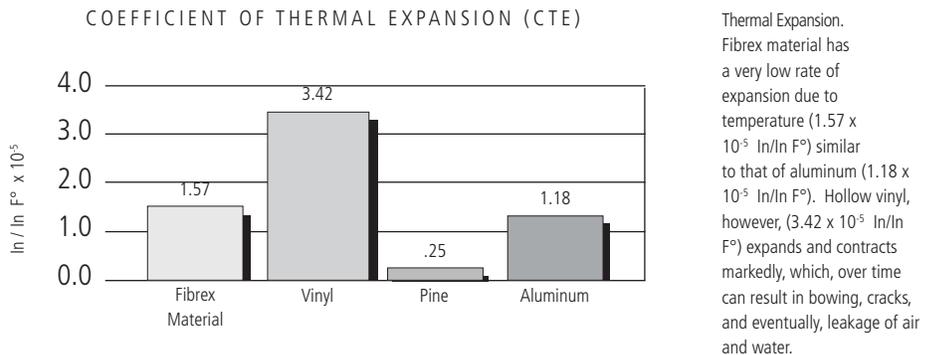
- Thermal Conductivity** – Fibrex material has a very low thermal conductivity ratio—or in other words, excellent insulating properties—that put it on a par with pine or vinyl. Unlike aluminum, windows made of Fibrex material will resist the effects of cold and heat.

Insulating efficiency is measured by the amount of heat transferred or conducted through a material. A lower value means less transfer and greater insulating efficiency.



- Thermal Expansion** – Thermal expansion is the degree to which a given material expands and contracts with changes in temperature. Pine has a very low thermal expansion rate. With a rate of 1.57, Fibrex material, like aluminum, expands and contracts very little. Vinyl, however, with a thermal expansion rate of 3.42, may expand and contract markedly, resulting over time in bowing, cracks and, possibly, leakage of air and water. Darkening the color of a material can also increase its surface temperature and make the material more likely to expand. This color change greatly affects vinyl, but does not affect Fibrex material.

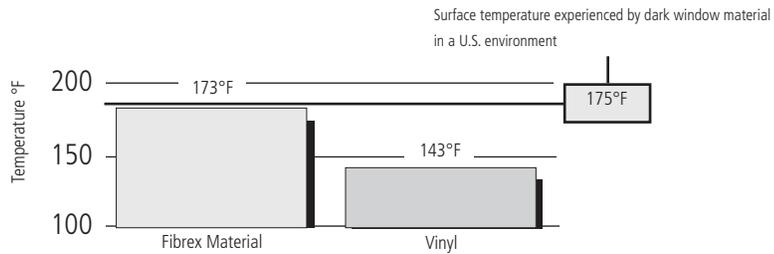
In testing expansion rates, the smaller value indicates the least change to the material.



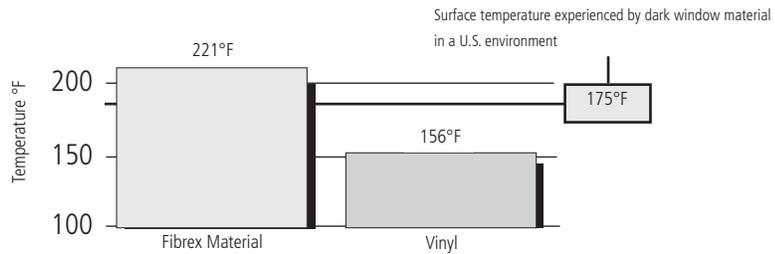
FIBREX® COMPOSITE MATERIAL, cont.

- Heat Deflection** – In the full heat of summer, windows receiving direct afternoon sun can heat up to a surface temperature of 175°F or more. At these temperatures, the weight of the window frame and glass can cause ordinary hollow vinyl frames to bow and sag. Fibrex material, however, remains rigid and stable to temperatures of over 200°F in tests—temperatures far greater than your window will ever experience. This performance compares favorably with that of ponderosa pine, the heat deflection temperature of which is 288°F.

HEAT DEFLECTION TEMPERATURE @ 264 PSI *



HEAT DEFLECTION TEMPERATURE (CTE) @ 66 PSI *

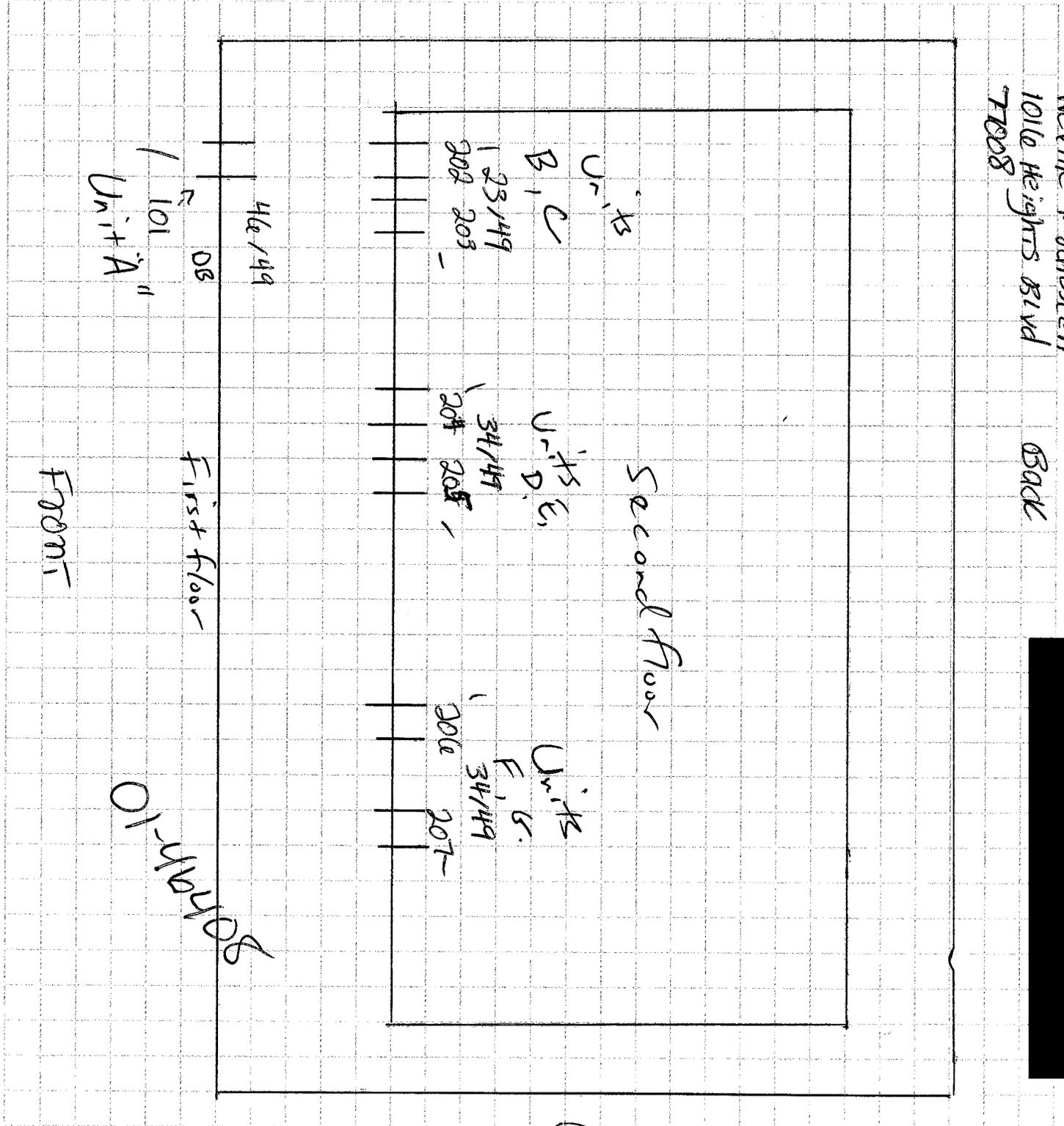


*Average test results conducted by our independent test lab.

- Fibrex Material Colors and Wood Veneer** – Andersen’s Perma-Shield® coating is applied over the Fibrex material to provide a variety of light and dark colors. Several wood veneers, which can be painted or stained to match existing décor, are optional on window interiors.

PROJECT

DATE



R

Neville Franssen Project

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