STAFF REPORT 07-10-2019 MEETING PREPARED BY: A. PHILLIPS

**APPLICATION NUMBER: 19-6305** 

**ADDRESS:** 1971 CHICAGO BOULEVARD **HISTORIC DISTRICT:** BOSTON EDISON

**APPLICANT:** TRAVIS SEDLACEK, PROPERTY OWNER

**STAFF SITE VISIT:** 07-02-2019

#### **PROPOSAL**

The building located at 1971 Chicago Boulevard is a 2½-story single family residence constructed in 1920. The house is clad in red brick with ornate wood detail at the roof eaves and dormers. Carved stone detailing exists around the doors and windows. The majority of the architectural details are painted white. The hipped roof is covered in brown asphalt shingles and features dormers at all elevations. The symmetrical façade includes an uncovered raised porch. A concrete driveway is located to the east of the house which provides vehicular access to the garage located at the southeast corner of the parcel. The rear of the house currently includes three doors into the house (see attached photo). One set of raised doors exists at the southwest corner and opens onto a small uncovered patio. One door exists at the ground-level of the rear façade and one raised door exists at the southeast corner. The two raised doors are accessed by three concrete steps. It appears that the majority of the rear lot is paved with concrete.



With the current proposal, the applicant is seeking the Commission's approval to erect a new elevated wood composite deck at the rear of the house per the attached drawings. Including the following scope items:

- Demolish existing brick and concrete patio and steps
- Erect new elevated wood composite deck. The proposed deck will be 16' deep x 29'-2" wide with the floor of the deck elevated at 2'-8" above grade. The substructure will be constructed with wolmanized yellow pine and finished with a wood composite decking material in the color of walnut. The railing is to be white PVC and the spindles are proposed

to be black aluminum. The application includes "20 trapezoid vinyl post lights," however, it is unclear what that information indicates.

#### STAFF OBSERVATIONS

It is staff's opinion that the existing brick and concrete patio and steps proposed for demolition are not significant features of its historic character. It is currently unknown how or if the proposed wood deck will tie into the existing structure of the house. Staff has asked the applicant to provide more detail regarding this issue. Staff has also asked the applicant for more information regarding the "20 trapezoid vinyl post lights."

Given the recent discussion held amongst Commissioners at the June 26, 2019 HDC meeting regarding the appropriateness of the use of vinyl (windows, fences, siding, etc.), staff is concerned about the appropriateness of the "white PVC" of the handrail.

While on a site visit to the property, staff noticed recently completed concrete work at a portion of the sidewalk in front of the house as well as a portion of the front walk to the house (see attached photo). This work was completed without a Certificate of Appropriateness from the HDC.

#### ELEMENTS OF DESIGN

- **(6) Rhythm of entrance and/or porch projections**. In those examples derived from classical precedents, entrances and porches, if any, tend to be centered on the front facade. Other examples display more freedom with entrance and porch placement. Porches and permanently enclosed sun porches are often placed at the side and sometimes at the rear of the building.
- (7) *Relationship of materials.* The majority of houses are faced with brick, while many are partially or totally stucco. There are some stone buildings, sometimes combined with stucco; clapboard is rare, and is extremely rare as the sole material. Roofing includes slate, tile and asphalt shingles. Wood shingle roofs were once common and have generally been replaced with asphalt. Wood shake does not exist and there is no known evidence that it was ever used in the district. Stone trim is common. Wood is almost universally used for window frames and other functional trim and is used in many examples for all trim.
- (8) Relationship of textures. The most common relationship of textures in the district is that of a low-relief pattern of mortar joints in brick contrasted with the smooth surface of wood or stone trim. There are a few houses with rough or rusticated stone surfaces. The use of stucco or concrete, with or without half-timbering, as a contrast to brick surfaces, is not unusual. Tile, slate, or wood shingle roofs have particular textural values where they exist. Asphalt shingles generally have little textural interest, even in those types which purport to imitate some other variety.
- (9) Relationship of colors. Natural brick colors (such as red, yellow, brown, buff) predominate in wall surfaces. Natural stone colors also exist. Where stucco or concrete exists, it usually remains in its natural state, or is painted in a shade of cream. Roofs are in natural colors (tile and slate colors, natural and stained wood colors), and asphalt shingles are predominantly within this same dark color range. Paint colors often relate to style. The buildings derived from classical precedents, particularly those of neo-georgian style, generally have woodwork painted white, cream, or in the range of those colors including "putty"; doors and shutters are frequently dark green or black. Colors known to have been in use on similar buildings of this style in the eighteenth or early twentieth centuries may be considered for appropriateness. Buildings of medieval inspiration (notably neo-tudor) generally have painted woodwork and window frames of a dark brown or cream color. Half timbering is almost always stained dark brown. The original colors of any building, as determined by professional analysis, are always acceptable for a house, and may provide guidance for similar houses.
- (10) *Relationship of architectural details*. Architectural details generally relate to style. Neo-georgian buildings display classic details, mostly in wood, and sometimes in stone. Porches, shutters, window frames, cornices, and dormer windows are commonly, although not always, treated. Details on "mediterranean" style or vernacular buildings including arched windows, door openings, and porches, are often done in stone, brick, tile, and sometimes in stucco. Buildings of medieval inspiration tend to have details in the form of carved wood or carved stone ornaments on window frames, door frames, and eaves. In general, the various styles are rich in architectural details.
- (13) *Relationship of significant landscape features and surface treatments*. The typical treatment of individual properties is a flat or graded front lawn area in grass turf, often subdivided by a straight or curving walk leading

to the front entrance. Materials for such walks are concrete, brick, stone, or combinations of those materials. Some front yards have rectangular raised earthwork terraces upon which the house stands. These unpaved terraces have sloping embankments or retaining walls which are made of brick, stone, or both, at the change of grade. Foundation plantings, often of a deciduous character, characteristic of the period 1900-1930, are present virtually without exception. Hedges between properties and along front property lines are not uncommon. It is characteristic for corner lots to have hedges or fencing at side lot lines along the sidewalk. There is a wide range in the type of fencing. Fencing within the public view was generally designed to complement the style, design material, and date of the residence. Although the American elm was once the dominant tree, it is virtually extinct in the district. Replacement trees should be characteristic of the area and period. Plantings of new trees should be directed to "tree lawns" and medians. If American elm is planted, it should be disease resistant. Straight side driveways leading from the street to rear garages are the norm, although access to garages is also off the alley, especially in areas of the district that were developed earlier. On corner lots, garages and driveways often face the side streets. These driveways are paved in asphalt, concrete, or brick. Side lots are not uncommon for the larger properties in the district, and a number of these form a part of the original site plan for the residence. Such side lots are usually landscaped and are often fenced at or near the setback line. The width of tree lawns varies from block to block. Street pavements are now asphalt. Cut stone curbs still exist in areas of the district where they have not yet been replaced with concrete, primarily east of the John C. Lodge freeway. Public sidewalks are concrete. Some tree lawns/berms have been covered with concrete in parts of the district, which may represent encroachment on city property. The resulting wide sidewalks are not appropriate in the district. The ample one hundred and twenty-five (125) foot street right-of-ways of west Boston boulevard and Chicago boulevard are ample, and each have two (2) narrow pavements divided by the large graded grassy median strips which are planted with evergreens and deciduous trees. The other east-west streets, Longfellow street and Edison Boulevard, are sixty-six (66) feet wide. The Detroit Lighting Commission's ornamental poles ("o.p.") with cast iron bases (pattern #10 and cast iron panel pattern #16a) and wooden shafts are placed at regular intervals primarily on the medians on boston boulevard and Chicago boulevard, and on the tree lawns on other east-west streets. Lighting on the north-south side streets consists of steel poles, some of which are fluted, with either ornate pendants or simple cranes. There are historic upright poles along the periphery of Voight park. Concrete and brick entrance piers exist at woodward avenue and Longfellow Street. Alleys run east-west down the center of the blocks, with the exception of the north-south alleys behind the Woodward Avenue frontage.

- (14) *Relationship of open space to structures.* Open space in the district occurs in the form of vacant land, a city park, side lots, and grassy median strips in the boulevards. There are no houses facing Woodward Avenue. Ample open space is provided at Woodward Avenue and Boston Boulevard, creating a park-like entrance into the district. The John C. Lodge freeway is depressed and forms a visual and physical gap in the district. All houses have rear yards as well as front yards. Where an original or early arrangement of house and grounds included, and still includes, landscaped lots which form part of the landscaping plan for the residence, such landscaped lots are significant landscape features.
- (18) *Relationship of lot coverage*. Lot coverage ranges from approximately forty percent (40%) to ten percent (10%) or less in the case of homes with large yards. Most homes are in the twenty-five percent (25%) to thirty-five percent (35%) range of lot coverage.
- (20) *Orientation, vistas, overviews.* Most of the houses in the district have front entrances which are oriented toward the streets running east-west. The houses on Lasalle Boulevard, from Chicago Boulevard to Edison Boulevard, are orientated toward Lasalle. Garages are frequently oriented either toward an alley and/or the front drive or toward a side street in the case of corner lots. Almost all garages are detached and are at the rear of the lot.
- (21) *Symmetrical or asymmetric appearance*. Neo-Georgian and other buildings derived from classical precedents are generally symmetrical. Buildings in other styles, including the neo-Tudor, are generally asymmetric, but balanced, compositions.
- (22) *General environmental character*. The Boston-Edison district, with its long straight streets, two (2) boulevards, large-to-moderate sized stately single-family homes, Voight park and Woodward avenue's open space, has an urban, substantial, low density residential character.

#### RECOMMENDATION

Staff recommends that the Commission find the project scope, as proposed, to be appropriate as it meets the following

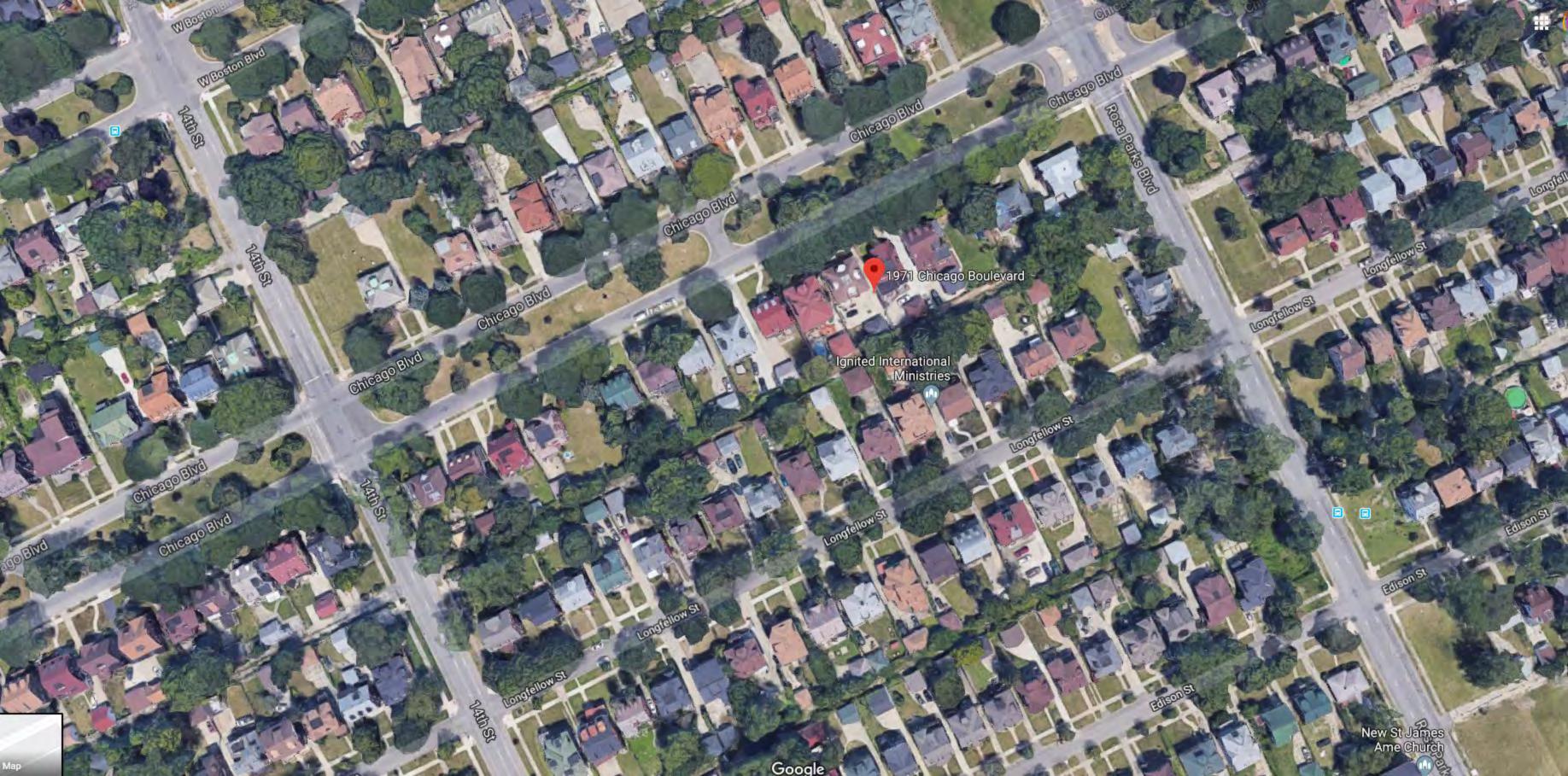
#### Secretary of the Interior's Standards for Rehabilitation:

- 9) New additions, exterior alterations, or related new construction shall not destroy historic materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the massing, size, scale, and architectural features to protect the historic integrity of the property and its environment.
- 10) New additions and related adjacent or relate new construction shall be undertaken in such a manner that if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.

However, staff recommends the following conditions:

• The proposed railing should be of a more appropriate material than PVC











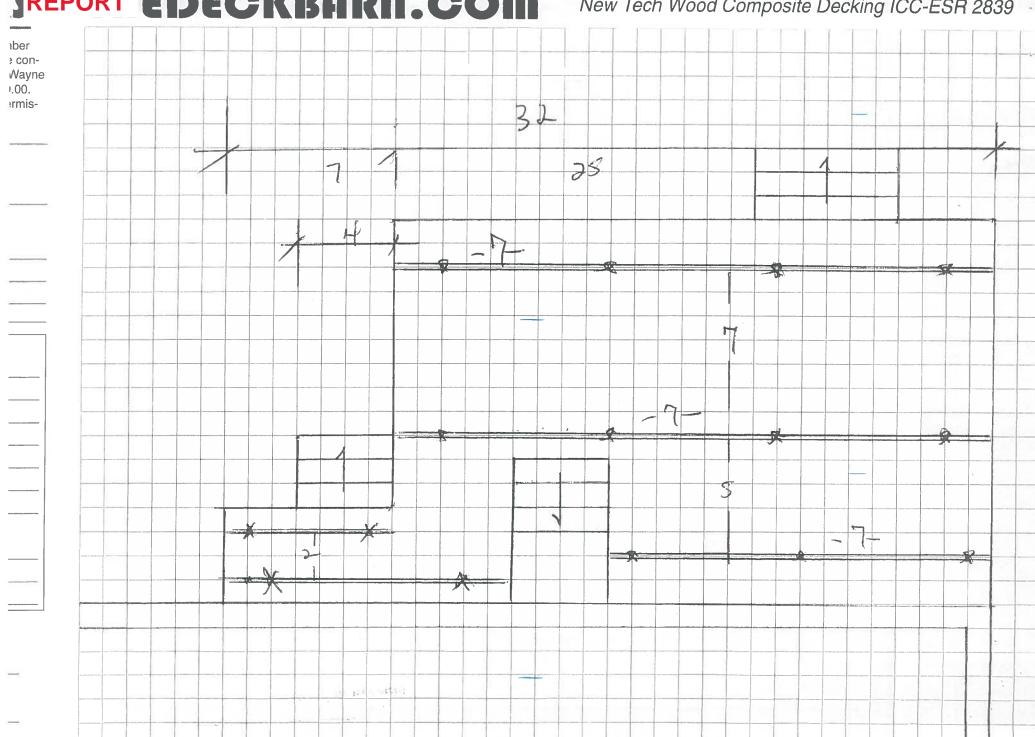






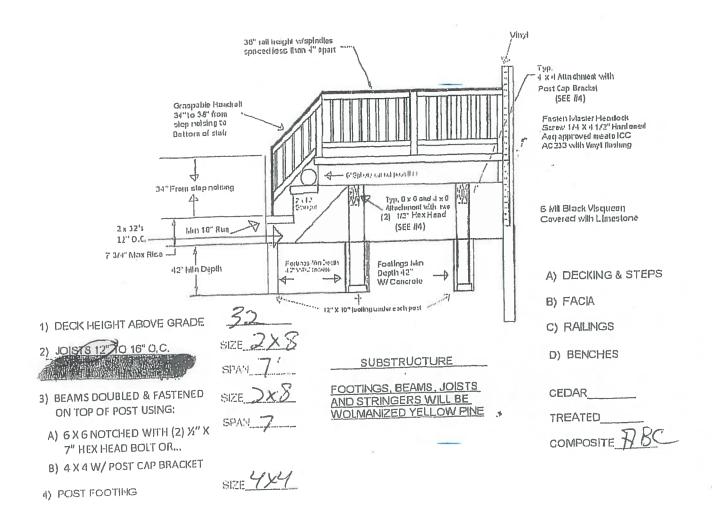


SREPORT EDECKBARN.COM New Tech Wood Composite Decking ICC-ESR 2839



DECK & RAILING DETAIL SHEET NOT TO SCALE

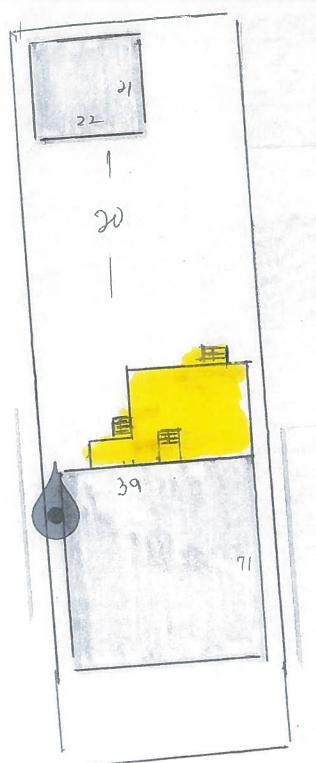
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P: (734)728-2276 F: (734)728-1158 KILLER DECKS & SPAS, INC. CONTRACT

Contract is not valid until accepted and signed by: Steve Scholl, Owner

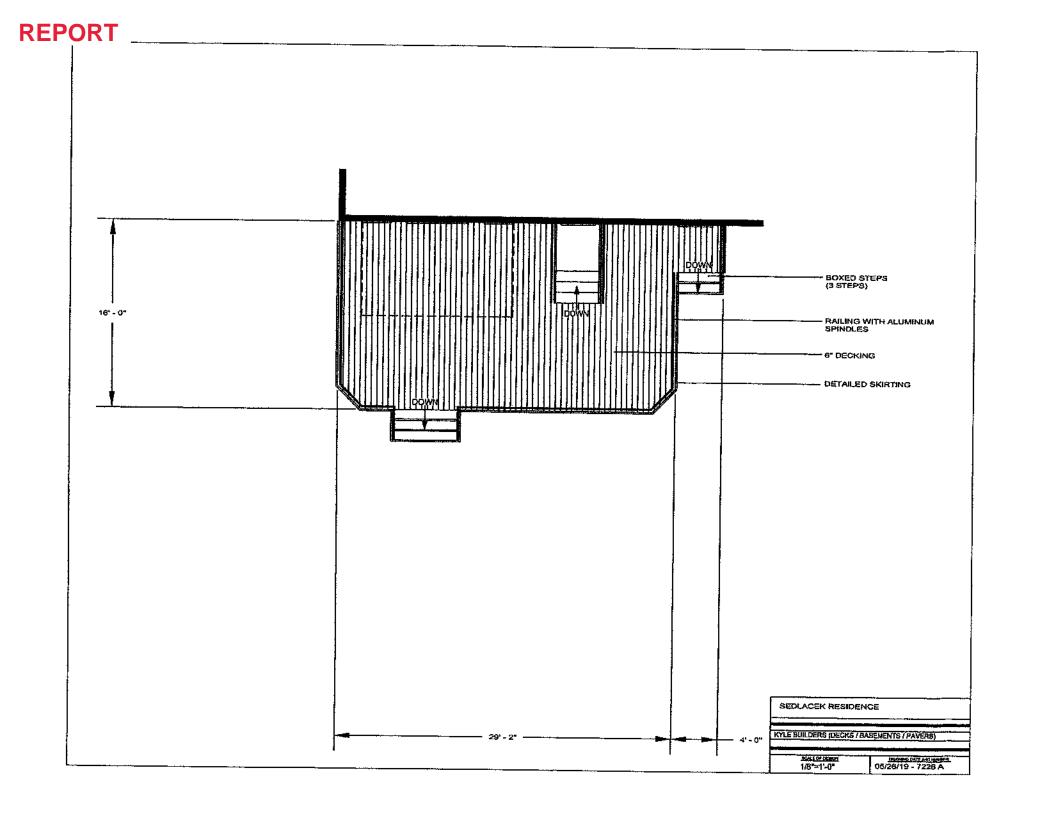
Killer Decks and Spas

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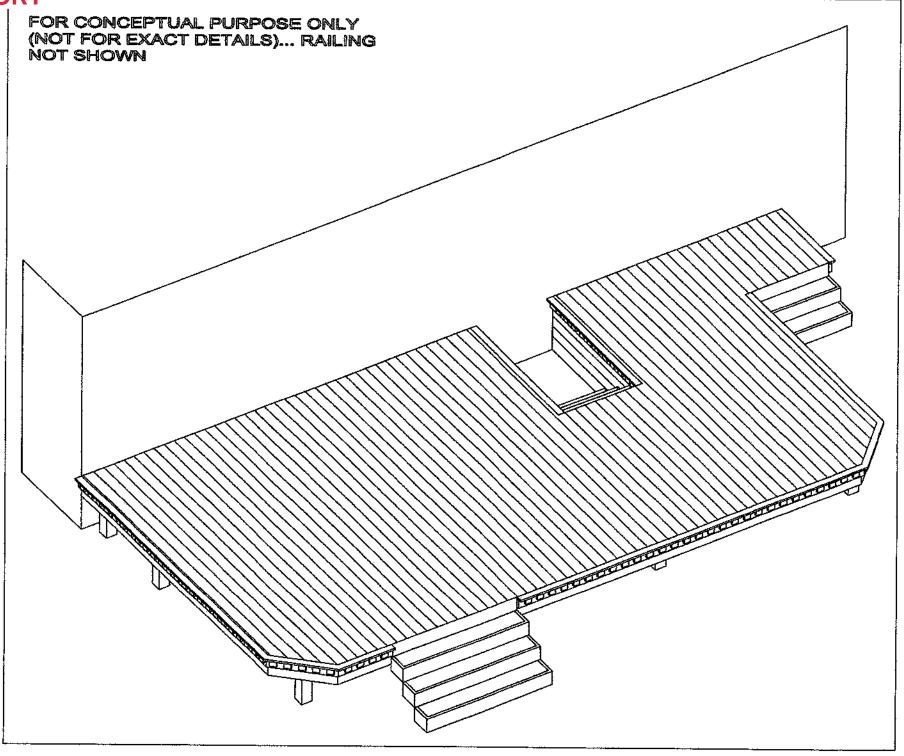
## Notice of Furnishing

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**REPORT** 



# **REPORT**

# Decking Naturale(Hollow) Technical Sheet

Model	Photo	Dimension
UH02		138 x 22.5 mm (5.5 x 0.9 in)

NO.	Property	Test Method	Test results	Remark
1	Abrasion resistance	ASTM D4060-10	33mg(1000cycles)	
2	Brinell hardness	EN15534	8.2N/mm2	
3	Boiling test	EN15534	Water absorption in weigth: 1.10%	
4	Bond Strength	EN319	Average Bond Strength>2.3MPa No obvious abruption and damage after test	
5	Coefficient Linear Thermal Expansion	ASTM D696	38,9×10 <sup>-6</sup> mm/mm℃	
		EN15534	32,2×10 <sup>-6</sup> K <sup>-1</sup>	
6	Creep behaviour	EN15534	△ S:4.70mm, △ Sr:2.81mm	Span:350mm
7	Content of pentachlorophenol	CE ( EN14041(2004) )	2.99ppm	
8	Creep Recovery	ASTM D7032	Creep Recovery after 24h: 93%	
9	Degree of chalking	EN15534	Rating 0, no chalking.	
10	Electrostatic behaviour	EN1815	Body-Voltage: 1.1kV This floor covering can be classified as antistatic	
11	Fire Resistance	BS476-7	Class 2	
		EN13501-1, EN ISO9239-1, EN ISO11925-2	Reaction to fire classfication: Bfl-s1	On request, talk to the manufacturer



NewTechWood America, Inc.





#### 1. Product Name

NewTechWood Ultrashield Naturale Composite Decking

#### 2. Manufacturer

NewTechWood America, Inc. 19111 Walden Forest Drive Suite B

Houston Texas 77346 Phone: 281-570-6450 Fax: 281-661-1167

Email: richard@newtechwood.com
Web: www.newtechwood.com

### 3. Product Description

#### **Basic Use**

Used for primarily exterior applications, the Ultrashield Naturale Composite Decking UltraShield's exclusive colors and patterns give you endless possibilities. The latest Naturale line features a unique treatment on the shield to make it a natural-feeling capped wood-plastic composite.

UltraShield composite decking comes in solid and hollow profiles for both commercial and residential ap-plications, with the flexibility to choose between common screws and hidden fasteners. All of them are wrapped 360 degrees, including the grooves. The shield provides protection against moisture, mold, fade and mildew.

Four profiles are available to create any decking design, see illustration 1.

- US07 Cortes Series: solid board
- US01 Magellan Series: solid board with grooves
- **UH02 Voyager Series:** circle hollow board with grooves
- US33 Columbus Series: solid board with groove on one side and underneath side

See Accessories/Options for fasteners.



#### **Composition and Materials**

The composite material is comprised of HDPE plastic and hardwood chips. The composite material is encased in a 0.5–0.7 mm plastic shell with UV and stain inhibitors additives to ASTM G154, called Ultrashield, which is a proprietary blend of plastics.

#### **Features and Benefits**

- Easier to cut than comparably-sized all-wood planks
- Maintains color/does not need to be stained or maintained
- Ultrashield technology protection

#### **Dimensions**

#### US097, US01, UH02 and US33 board:

W × D × L:  $5\frac{1}{2}$  ×  $9\frac{10}{10}$  inches × 16 feet (138 × 22.5 mm × 4.87 m)

#### Colors

- Brazilian Ipe
- Spanish Walnut
- Westminster Gray
- Peruvian Teak
- Roman Antique
- Hawaiian Charcoal

#### Safety Data Sheets

SDS information is available here.

#### **Accessories/Options**

- **MGS-50:** Mini Gap System: 75 clips that allow movement and 15 locking clips
- **PCHFS50:** Plastic Clip Hidden Fastener System: 75 clips that allow movement and 15 locking clips
- **SC-25:** Starter System: 25 clips for use on first and last boards and for stairs.

#### illustration 1





NewTechWood America, Inc.



#### 4. Technical Data

### **Applicable Standards**

#### **ASTM International (ASTM)**

- ASTM D7032 Standard Specification for Establishing Performance Ratings for Wood-Plastic Composite and Plastic Lumber Deck Boards, Stair Treads, Guards, and Handrails
- ASTM G154 Standard Practice for Operating Fluorescent Ultraviolet (UV) Lamp Apparatus for Exposure of Nonmetallic Materials

#### International Code Council (ICC)

 ICC-ES AC 174 Acceptance Criteria for Deck Board Span Ratings and Guardrail Systems (Guards and Handrails), approved January 2012, section 3.4, 3.7, 3.9, 3.11 and 4.1

#### 5. Installation

Manufacturer installation instructions are available **here**. Installation videos available **here**.

### 6. Availability and Cost

Contact manufacturer for availability and pricing.

#### 7. Warranty

A 25-year limited warranty is offered.

#### 8. Maintenance

Clean with soap and water. Can be pressure washed on a low setting.

#### 9. Technical Services

NewTechWood America, Inc. offers telephone support.

### **10. Filing Systems**

- ConstructConnect
- Additional product information is available from the manufacturer upon request حراماً







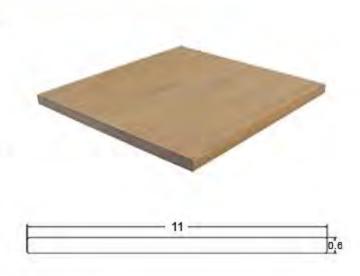


## **REPORT**

## **FASCIA BOARDS**

Deck fascia boards provide the perfect finishing touch and create a smooth, streamlined look for your composite wood deck. Fascia boards create a band of wood bordering the deck just below the surface line to hide the joists underneath and elevate the overall appearance of the deck.

Naturally, for the most seamless, aesthetically pleasing look, as well as for durability and low-maintenance, you will want your fascia boards to be made of the same composite wood material as the rest of your deck, which is why NewTechWood is happy to offer fascia boards among our line of quality products.





11 x 0.6 in (285 x 15mm)



VEKArail® Pro Signature provides multiple options that enhance the already robust Pro V and Pro Z Collections. Add the elegance of glass slats or turned metal balusters. For an upscale look you can specify a curved handrail that will soften any design.

A variety of caps, post skirts, and post wraps are also available to complete your new railing. ADA rail is also available. Please ask your VEKArail sales representative for details about how you can enhance your outdoor living space.



4" New England Cap

4" or 6" Post Wrap

## **WOODGRAIN AND COLOR OPTIONS FOR HANDRAIL**





20 - Rojo Oak T-Rail



23 - Walnut T-Rail



25 - Mahogany T-Rail

34 - Cocoa T-Rail



For that finishing touch on your new VEKArail add beautiful PINNACLE woodgrain or color exterior foil.





VEKA is a qualifying supplier for the achievegreen design management tool for projects using the Green Building Initiative™

www.achievegreen.net







Consider VEKAdeck®PRO to complement your VEKArail®PRO installation

The information contained within is current at the time of printing. Changes to products may have been made since publication. Due to the limitations of the printing process, colors shown may not be accurate. Visit www.vekaoutdoorliving.com for complete warranty information. Please consult your sales representative prior to purchasing. VEKAdeck® and VEKArail® are trademarks of VEKA Inc. Copyright © 2017 VEKA Inc.® All Rights Reserved. Made in the USA.

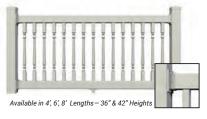
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> > VEKADP-TRI12-V4.0217













## Pro **V** Collection

Pro **V** Collection

Conrad























Available in 4', 6', 8' & 10' Lengths - 36" & 42" Heights

Available in 4', 6', 8' Lengths – 36" & 42" Heights







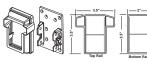




## Pro **Z** Collection

Trustin





## Pro **Z** Collection

Majestic





# **CONNECTION BRACKETS**

The Pro V Series is VEKA's economy rail offering an all vinyl bracket system. It is a no paint, no-stain alternative to pressure treated wood or composite railing and is boxed for guick ship and easy field assembly.

- · All Vinyl One Piece Bracket System
- Aluminum Reinforcement in Top Rail
- · Commercial and Residential **Applications**
- · Passed and Exceeded 1000 lb Load Test



· CCRR Compliant Railing System

VEKArail® Pro Z Series Railing Kit offers the exceptional benefit of our Bracket System. A sturdy metal-to-metal connection on both top and bottom rails provides a secure fit.



- Metal to Metal Mounting Reinforcement
- · Commercial and Residential Applications
- · Passed and Exceeded 1000 lb. load test
- · CCRR Compliant Railing System

All VEKArail products are available in three colors!

white vinvl

almond vinvl

khaki vinvl

## IMPORTED FROM METRO DETROIT

## OVER 5 MILLION BALUSTERS SOLD

Dextrusion Brand Balusters are Cleaned, Inspected, and Packaged by hand after cutting to ensure the quality of the balusters. Dextrusions Brand Balusters (Spindles or Pickets) are finished with a AAMA 2604 powder coat, They have passed a 3,000 hour salt spray test.

They have been tested and passed ASTM D-523, ASTM D-3359, ASTM D-3363, ASTM D-2794, ASTM B-117 and ASTM D-1735 Reports: The finish Exhibits, Excellent Exterior Durability, Good Chemical Resistance, VOC's are essentially zero.

NEW! 3/4 DIAMETER, or 3/4 SQUARE, BLACK or BRONZE BALUSTERS NOW AVAILABLE IN 1" INCREMENTS
BETWEEN THE SIZES OF 8"-60". PHONE ORDERS ONLY FOR SPECIAL SIZES, CALL 734-595-1602
NEW! RAILING KITS 5' AND 6' COMPLETE \$70.00 NEW!

https://www.thedeckbarn.com/productdetail.aspx?productno=01-0108-001001

#### **Dextrusions Brand Deck Parts**

Detrusions brand balusters [spindles or pickets] and connectors are made in The United States of America (Metro Detroit) and meet or exceed the standards of other brands which are made in China or Mexico. Dextrusions Brand Balusters are 6063T6 aircraft aluminum and finished with a polyester powder-coated 20-year finish. The 3/4" round Dextrustions have a wall thickness of .062 the 3/4" square "Estate balusters are .050" Buy American USA deck parts direct and save!



#### Compare Warranties

Warranty Period	Dextrusions	Deckorators		
1-7 years	100%	100%		
8-10 years	50%	50%		
11 or more years	25%	25%		