



## **AGENDA**

**Board of Historic and Architectural Review**

**November 28, 2018**

**Planning Department Conference Room**

**306 Cedar Rd. City Hall 2<sup>nd</sup> Floor**

**5:00 PM**

- A. Call To Order
- B. Agenda
  - 1. 1447 Chesapeake Avenue**
    - i. Construct a rear deck addition with a pergola.
- C. Adjournment





## Record Summary for Certificate of Appropriateness

### Record Detail Information

Record Type: [Certificate of Appropriateness](#) Record Status: [Open](#) File Date: [October 22, 2018](#)  
 Record Number: [PLN-CAPP-2018-115](#) Expiration Date:  
 Description: Record Name: [Back Deck](#)  
[Applying to build attached deck to rear of home. Deck will be length of home, 21 feet, and proceed 18 feet into the backyard. Small covered pergola will be included on deck, covering will match current metal roof of home.](#) Parent Record Number:

**Address:** [1447 Chesapeake AVE](#)

### Owner Information

Primary	Owner Name	Owner Address	Owner Phone
<a href="#">Yes</a>	<a href="#">Claire-Marie Vidrine</a>	<a href="#">1447 Chesapeake Ave, Chesapeake, VA 23324</a>	

### Parcel Information

Parcel No:  
[1340000002380](#)

### Contact Information

Name	Organization Name	Contact Type	Phone
<a href="#">Claire-Marie Vidrine</a>		<a href="#">Applicant</a>	
<b>Address</b> <a href="#">1447 Chesapeake Ave, Chesapeake, VA 23324</a>			

### Application Specific Information

#### NATURE OF THE APPLICATION

Description	<a href="#">Deck</a>
Zoning Sign Off	<a href="#">No</a>
Economic Hardship	<a href="#">No</a>

### PLANNING STAFF TO COMPLETE

Application After-the-Fact	-
After-the-Fact Fee Paid	-
Approved Administratively	-
Approving Planner	-
Approval Date	-
Certificate Number	-
See supplemental submittal requirements	-

Board Approved Certificate Number -  
I, \_\_\_\_\_, hereby grant permission for City Staff & -  
members of the Historic Architectural Review Board to enter -  
my site to view exterior areas related to this Certificate of  
Appropriateness Application.  
Structure Designation -

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**GENERAL INFORMATION**

Year Structure Built new construction  
Is this an After-the-Fact application? No  
\$250 After the Fact fee, if required. UNCHECKED  
One original delivered to the Planning Department OR a copy  
attached to the on-line application CHECKED  
One disk containing all photos OR photos attached to on-line  
application UNCHECKED  
 Completed and notarized power of attorney form if the  
applicant is not the property owner. UNCHECKED

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**NEW CONSTRUCTION**

Completed application form. CHECKED  
 Surveyed site plan (including proposed buildings,  
structure(s), parking, etc.). CHECKED  
Front and side elevations UNCHECKED  
Samples UNCHECKED  
Arrangement of proposed exterior lighting. CHECKED  
Photographs of the property and adjoining or opposite  
properties. CHECKED

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**ADDITIONS TO EXIST. STRUCTURES**

Completed application form. CHECKED  
Surveyed site plan or city tax map CHECKED  
Elevations UNCHECKED  
Photographs of the existing structure and property. CHECKED  
Samples, photos, and brochures CHECKED  
Arrangement of proposed exterior lighting. UNCHECKED  
 Proposed signs with appropriate detail as to character  
and location. UNCHECKED

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**ALTERATIONS OR REPAIRS**

Completed application form. CHECKED  
Written description of work to be performed CHECKED  
Photographs of the building/structure. CHECKED  
2 quotes each are required for the following: UNCHECKED  
Photos numerically keyed UNCHECKED

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**RELOCATIONS**

Completed application form	UNCHECKED
<input type="checkbox"/> Photographs of the building or structure to be relocated and adjacent properties.	UNCHECKED
<input type="checkbox"/> Photographs of the premises to which the building or structure will be relocated.	UNCHECKED
<input type="checkbox"/> Written description of reasons for the relocation and the proposed use of the vacated property.	UNCHECKED

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**DEMOLITIONS**

Completed application form	UNCHECKED
<input type="checkbox"/> Photographs of the building or structure to be demolished to illustrate its state of disrepair.	UNCHECKED
Written report on condition of building or structure.	UNCHECKED
Written description of work to be performed	UNCHECKED

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**METAL ROOFS**

Explanation	CHECKED
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**SPECIAL POWER OF ATTORNEY**

Special Power of Attorney attached	UNCHECKED
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**METAL ROOFS**

Info required to replace metal roof with metal roof.	UNCHECKED
Picture	CHECKED
Specification Sheet	UNCHECKED
Roof color sample	CHECKED
Info required to replace metal roof with architectural shingles.	UNCHECKED
Quotes	UNCHECKED
Roof color sample (asphalt)	UNCHECKED

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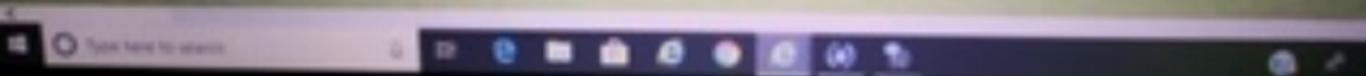


Windows taskbar with search bar and application icons.

Type here to search

Taskbar icons: File Explorer, Microsoft Store, Microsoft Edge, Google Chrome, and other applications.

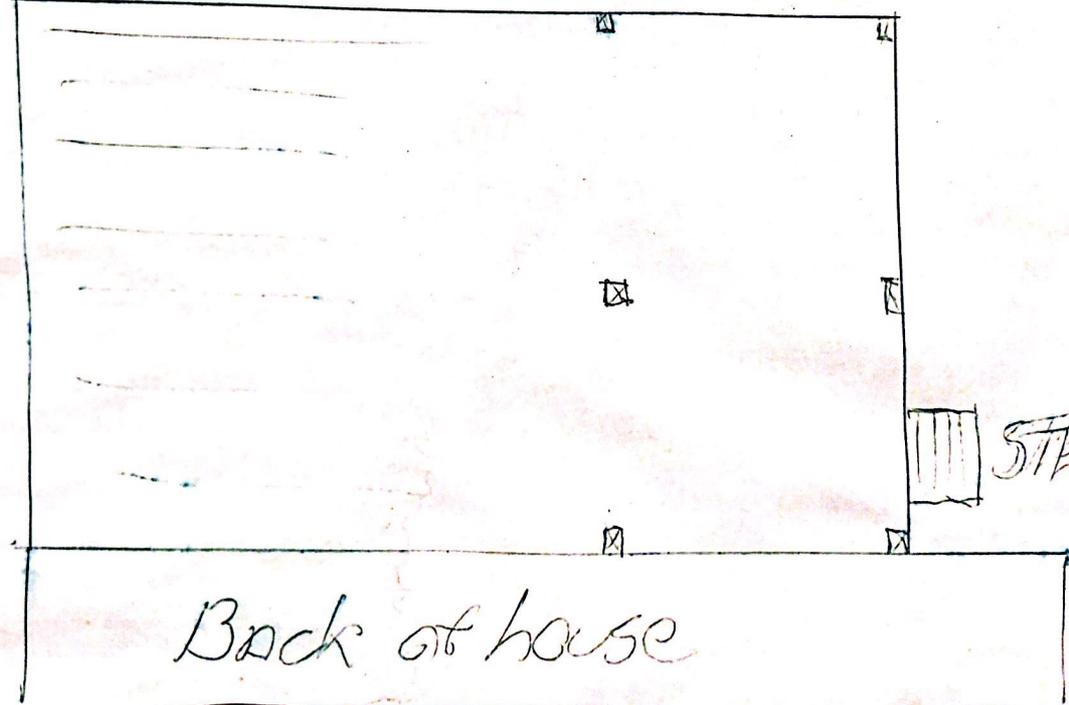
System tray icons: Network, Volume, and System Clock.



# Top View

Post for pergola  
⊠

STEPS



STEPS

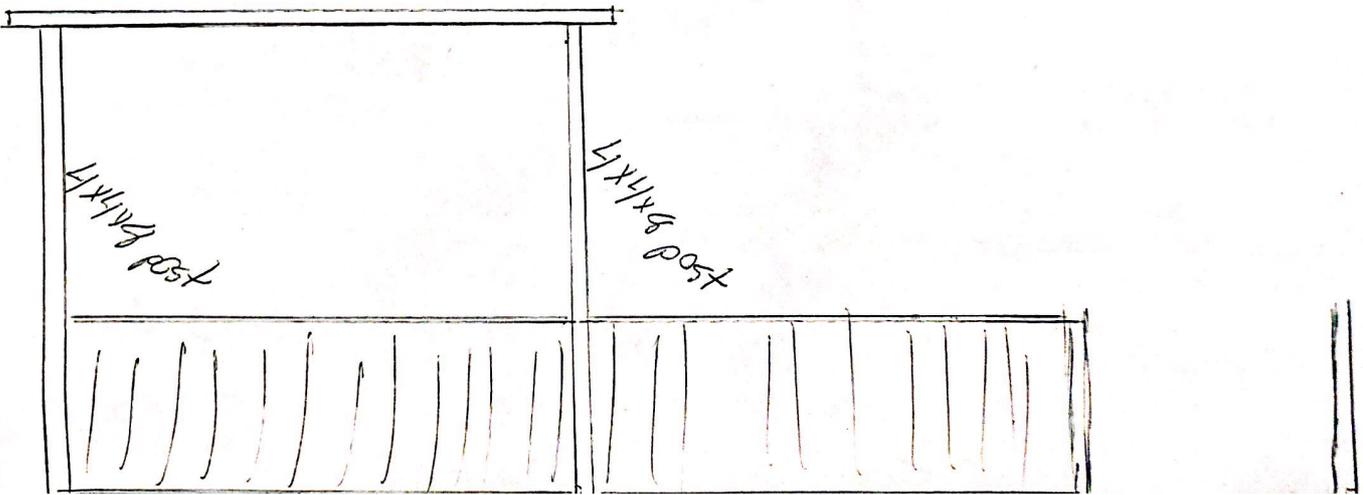
115ft offset  
from property  
line

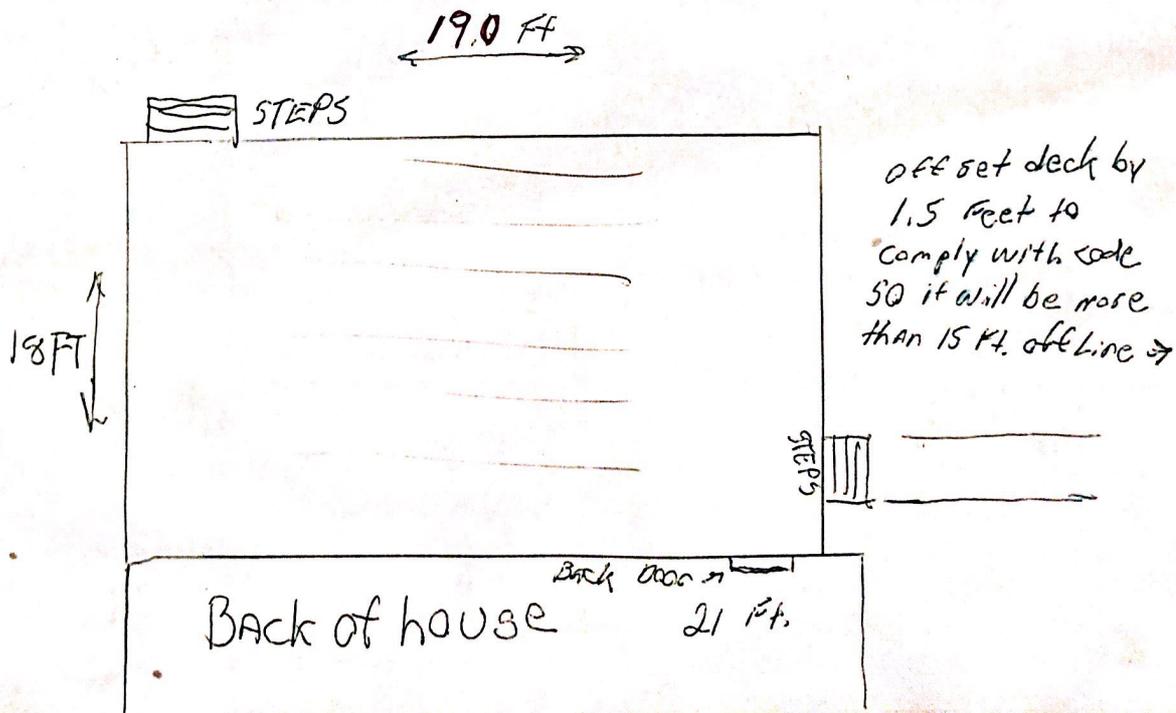
Back of house

Space between 4x4x8 post  
will be 8 FT

Front view

2x8x10 Rafters for pergola

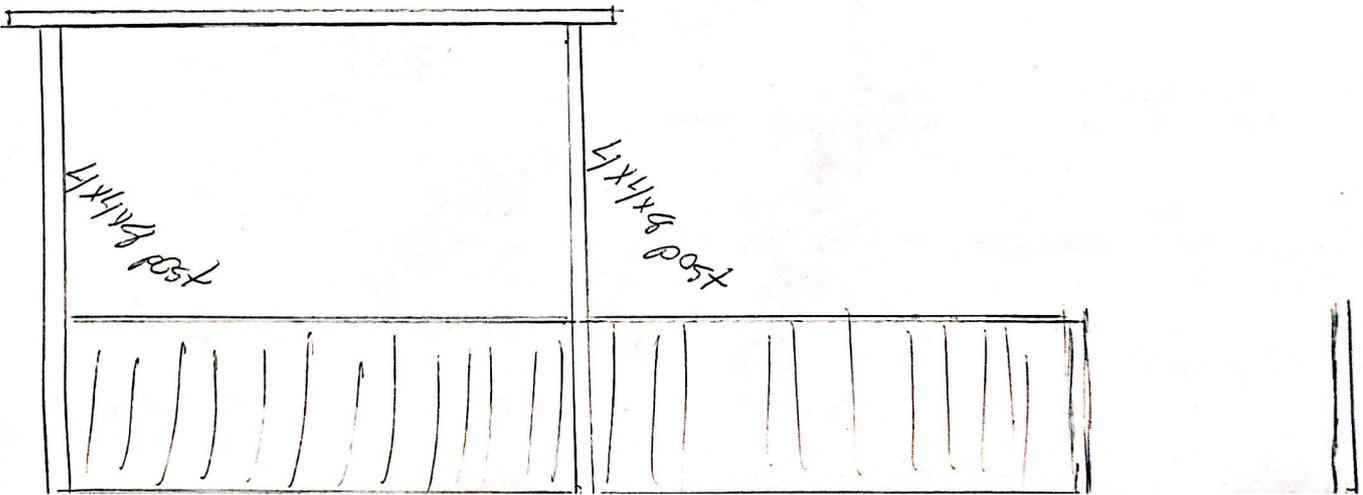




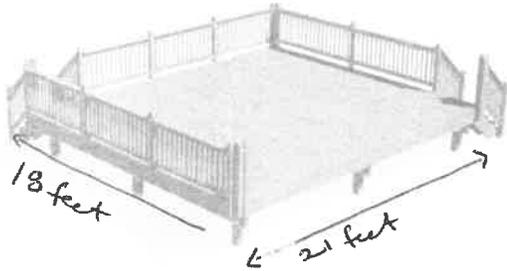
Space between 4x4x8 post  
will be 8 FT

Front view

2x8x10 Rafters for pergola



## DECK LAYOUT



Birds Eye View

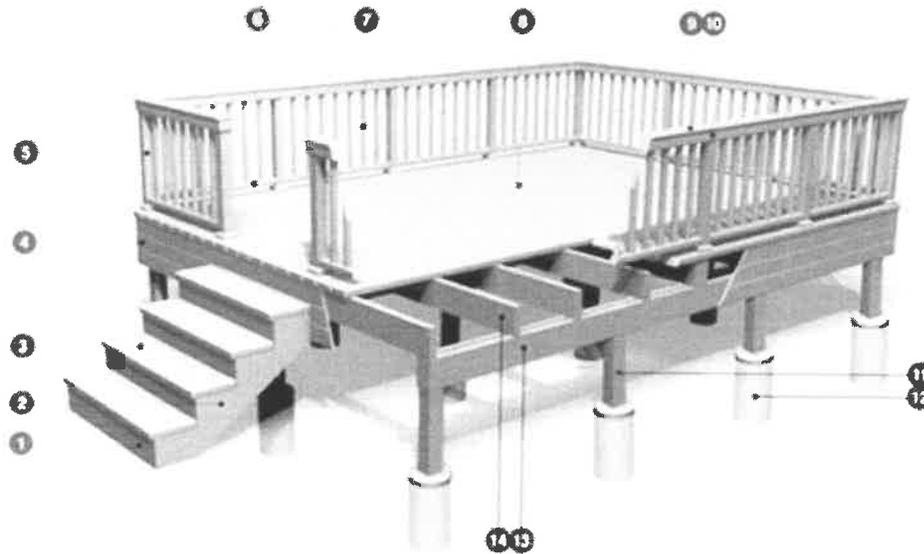


Bottom View



Top View with Planks

## MAJOR DECK COMPONENTS



- 1 **Riser** A board attached to the vertical cut surface of a stair stringer.
- 2 **Stringer** The diagonal board used to support treads and risers on a stairway.
- 3 **Tread** The horizontal surface of a stair.
- 4 **Fascia** Vertical boards that face outwards from the edges of the deck, attached to the rim joists.
- 5 **Rail Post** The vertical post connected to the deck framing that supports the railing.
- 6 **Bottom Rail** The lower horizontal piece that connects rail posts and supports balusters.
- 7 **Baluster** The vertical pieces of a railing spaced at regular intervals between posts.
- 8 **Decking** The boards used to make the walking surface of the deck.
- 9 **Rail Cap** The top horizontal trim on railing.
- 10 **Top Rail** The upper horizontal piece that connects rail posts and supports balusters.
- 12 **Post Footer** Concrete filled hole that the post is attached to.
- 13 **Beam** A horizontal framing piece, which rests on posts and supports joists.
- 14 **Joist** A horizontal frame piece that supports the decking and spreads the weight over the beams.

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Product availability based on Store#: 0439



## LUMBER MATERIALS

Usage	Quantity	Description	Item #
RailPost	1	Severe Weather (Common: 4-in x 4-in x 12-Ft; Actual: 3.5-in x 3.5-in x 12-ft) Pressure Treated Lumber 44122	468952
RailPost	5	Severe Weather (Common: 4-in x 4-in x 16-Ft; Actual: 3.5-in x 3.5-in x 16-ft) Pressure Treated Lumber	468954
	3	Top Choice (Common: 2-in x 4-in x 12-Ft; Actual: 1.5-in x 3.5-in x 12-ft) Pressure Treated Lumber 2412P	468932
	2	Top Choice (Common: 2-in x 4-in x 16-Ft; Actual: 1.5-in x 3.5-in x 16-ft) Pressure Treated Lumber 2416P	468933
	143	Top Choice (Common: 2-in x 2-in x 36-in; Actual: 1.31-in x 1.31-in x 35.75-in) Pressure Treated Brown Pine Deck Baluster P36A2ET15EL	488978
	3	Top Choice (Common: 2-in x 4-in x 12-Ft; Actual: 1.5-in x 3.5-in x 12-ft) Pressure Treated Lumber 2412P	468932
	2	Top Choice (Common: 2-in x 4-in x 16-Ft; Actual: 1.5-in x 3.5-in x 16-ft) Pressure Treated Lumber 2416P	468933
	3	Severe Weather Max (Common: 5/4-in x 6-in x 12-ft; Actual: 1-in x 5.5-in x 12-ft) Radius Edge Pressure Treated Southern Yellow Pine Deck Board	468969
	2	Severe Weather Max (Common: 5/4-in x 6-in x 16-ft; Actual: 1-in x 5.5-in x 16-ft) Radius Edge Pressure Treated Southern Yellow Pine Deck Board	468971
Fascia	5	Top Choice (Common: 2-in x 12-in x 16-Ft; Actual: 1.5-in x 11.25-in x 16-ft) Pressure Treated Lumber 21216P	468949

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Usage	Quantity	Description	Item #
	50	Severe Weather Max (Common: 5/4-in x 6-in x 16-ft; Actual: 1-in x 5.5-in x 16-ft) Radius Edge Pressure Treated Southern Yellow Pine Deck Board	468971
Header	1	Top Choice (Common: 2-in x 10-in x 8-Ft; Actual: 1.5-in x 9.25-in x 8-ft) Pressure Treated Lumber	468942
Header	2	Top Choice (Common: 2-in x 10-in x 16-Ft; Actual: 1.5-in x 9.25-in x 16-ft) Pressure Treated Lumber 21016P	468945
Beam	2	Top Choice (Common: 2-in x 10-in x 8-Ft; Actual: 1.5-in x 9.25-in x 8-ft) Pressure Treated Lumber	468942
Beam	8	Top Choice (Common: 2-in x 10-in x 10-Ft; Actual: 1.5-in x 9.25-in x 10-ft) Pressure Treated Lumber	468943
Beam	2	Top Choice (Common: 2-in x 10-in x 12-Ft; Actual: 1.5-in x 9.25-in x 12-ft) Pressure Treated Lumber	468944
Post	2	Severe Weather (Common: 6-in x 6-in x 8-Ft; Actual: 5.5-in x 5.5-in x 8-ft) Pressure Treated Lumber 66082	468960
Outer Joist	4	Top Choice (Common: 2-in x 10-in x 12-Ft; Actual: 1.5-in x 9.25-in x 12-ft) Pressure Treated Lumber	468944
	1	Top Choice (Common: 2-in x 10-in x 16-Ft; Actual: 1.5-in x 9.25-in x 16-ft) Pressure Treated Lumber 21016P	468945
Internal Joist	26	Top Choice (Common: 2-in x 10-in x 12-Ft; Actual: 1.5-in x 9.25-in x 12-ft) Pressure Treated Lumber	468944
	1	Top Choice (Common: 2-in x 12-in x 12-Ft; Actual: 1.5-in x 11.25-in x 12-ft) Pressure Treated Lumber 21212P	468948
	1	Top Choice (Common: 2-in x 12-in x 16-Ft; Actual: 1.5-in x 11.25-in x 16-ft) Pressure Treated Lumber 21216P	468949
	1	Severe Weather Max (Common: 5/4-in x 6-in x 8-ft; Actual: 1-in x 5.5-in x 8-ft) Radius Edge Pressure Treated Southern Yellow Pine Deck Board	468967

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Usage	Quantity	Description	Item #
	3	Severe Weather Max (Common: 5/4-in x 6-in x 16-ft; Actual: 1-in x 5.5-in x 16-ft) Radius Edge Pressure Treated Southern Yellow Pine Deck Board	468971
Stringer	1	Top Choice (Common: 2-in x 12-in x 12-Ft; Actual: 1.5-in x 11.25-in x 12-ft) Pressure Treated Lumber	468948
Stringer	2	Top Choice (Common: 2-in x 12-in x 16-Ft; Actual: 1.5-in x 11.25-in x 16-ft) Pressure Treated Lumber	468949
	1	Top Choice (Common: 2-in x 12-in x 8-Ft; Actual: 1.5-in x 11.25-in x 8-ft) Pressure Treated Lumber	468946
	1	Top Choice (Common: 2-in x 12-in x 16-Ft; Actual: 1.5-in x 11.25-in x 16-ft) Pressure Treated Lumber	468949



## HARDWARE MATERIALS

Usage	Quantity	Description	Item #
	23	USP DTB G185 Triple Zinc Post Connector DTB-TZ	76299
	4	USP 1-5/16-in x 2-3/8-in x 6-15/16-in Triple Zinc Angle Clip AC7-TZ	37164
	7	Sakrete (Common: 12-in; Actual: 11.625-in) 48-in Concrete Tube Form NA	6634
	8	Trex Universal 94 Count Black Clip Deck Hidden Fasteners (50 Square Ft Coverage)	750452
	3	USP 1-lb 11-Gauge 1.5-in Hot-Dipped Galvanized Smooth Joist Hanger Nails NA11-1MC	68408
	8	USP 5-in x 5-in x 1-7/16-in Triple Zinc Concealed Stringer Hanger CSH-TZ	409136
	46	The Hillman Group 1/2-in-13 Hot-Dipped Galvanized Round-Head Standard (SAE) Carriage Bolt, 8-in	67357
	20	1 Count 1/2-in Standard (SAE) Split Lock Washer	61817
	1	Hillman 1 Count 0.531-in x Hot-Dipped Galvanized Standard (SAE) Flat Washer	63449
	21	The Hillman Group 1/2-in-13 Galvanized Standard (SAE) Hex Nut	67342
	1	Project Pak 25-Count 1/2-in Hot-Dipped Galvanized Standard (SAE) Hex Nuts 492021	41239
	3	1-lb Box 9-Gauge 3.5-in Hot-Dipped Galvanized Wood Deck Nails 16HGRSPD1	69216
	1	5-lb Box 9-Gauge 3.5-in Hot-Dipped Galvanized Wood Deck Nails 16HGRSPD5	69346
	1	Grip-Rite 10-lb 8-Gauge 3.5-in Hot-Dipped Galvanized Wood Deck Nails 16HGSTPD10BK	916601
	26	USP 2-in x 12-in Slant Nail Joist Hanger Triple Zinc JUS210-TZ	116209
	3	USP 1-lb 9-Gauge 3-in Hot-Dipped Galvanized Smooth Nails N10C-1	402032
	45	USP Rafter Tie RT7A-TZ	21993

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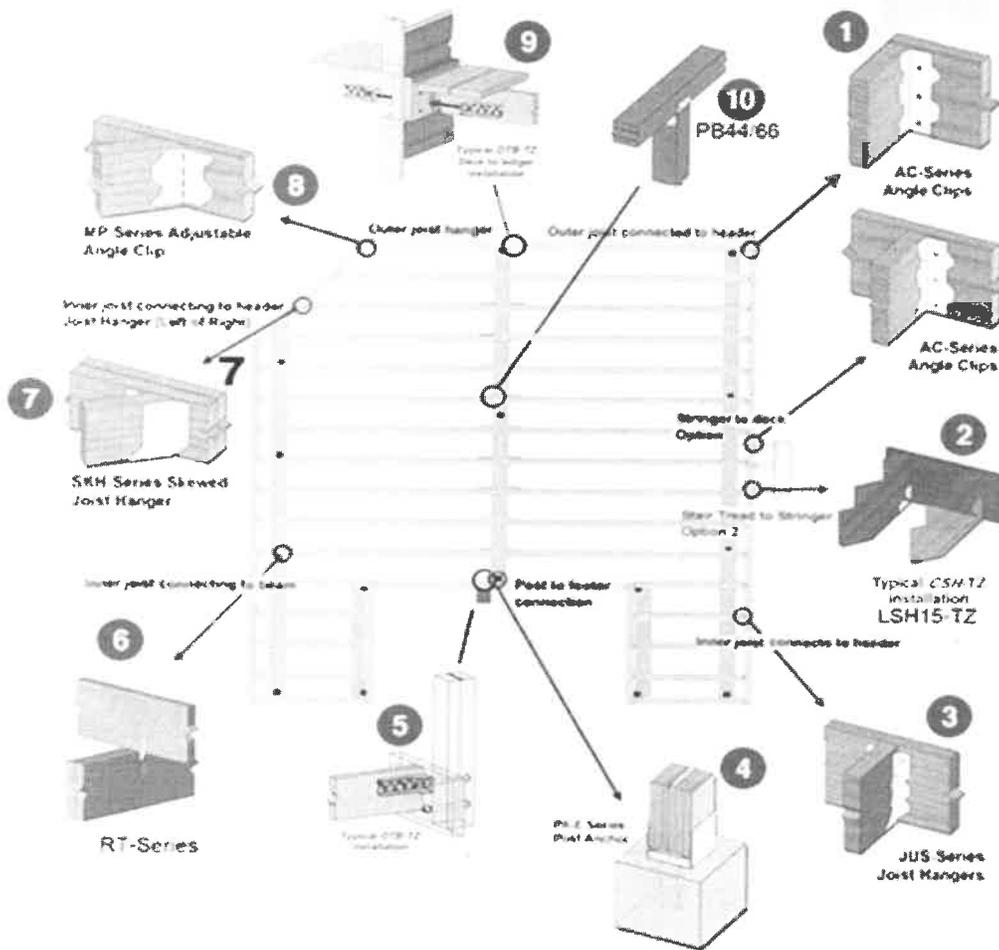
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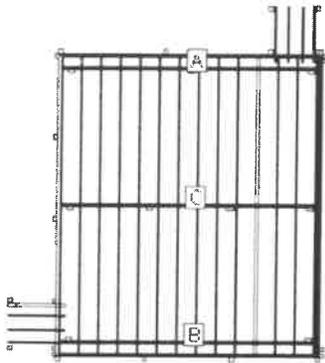


Usage	Quantity	Description	Item #
	2	1-lb Box 11-Gauge 2.5-in Hot-Dipped Galvanized Wood Deck Nails 8HGRSPD1	69215
	1	5-lb Box 11-Gauge 2.5-in Hot-Dipped Galvanized Wood Deck Nails 8HGRSPD5	69343
	10	USP Steel G185 Post Base (Common: 6-in; Actual: 5.5-in) PA66E-TZ	6472
	1	Sakrete Sand Mix 60-lb High Strength Concrete Mix 121602	156087
	30	Sakrete 80-lb High Strength Concrete Mix 354803999	132022
	20	USP Steel G185 Post Cap (Common: 6-in; Actual: 1.5-in) PB66-6TZ	163411
	1	Power Pro 30 Count 2.5-in Flat-Head Stainless Steel Star-Drive Deck Screw 42498	323974
	1	Deck Plus 5-lb 2.5-in Countersinking-Head Stainless Steel Star-Drive Deck Screw 48465	323917
	1	USP 1 1/2-in 9-Gauge Hot-Dipped Galvanized Smooth Joist Hanger Nail (453.6g-Pack)	184955

## Structural Connector Hardware Guide



## ANALISYS LEVEL 1



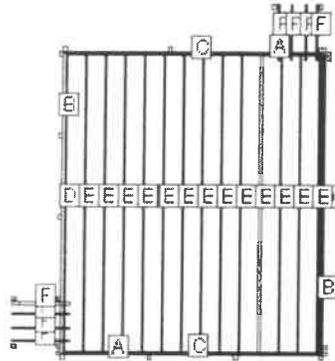
### Deck and Post Height:

You selected a height of 36" from the top of the decking to the ground level. The top of the deck support posts will therefore be 16" above ground level.

### Joists:

Set joists on top of beams, 16"; center to center.

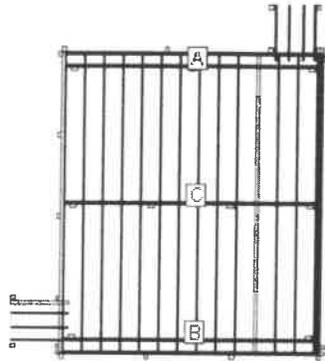
**MATERIALS CUT LIST: LEVEL 1**



Label	Name	Quantity	Length	Bevels
A	Fascia	2	17' 11 3/4"	45,45
B	Fascia	2	21'	45,45
C	Header	2	17' 8 3/4"	
D	Outer Joist	2	20' 6"	
E	Internal Joist	13	20' 6"	
F	Stringer	8	4' 2 1/4"	

Cut Angles: L=Left, R=Right, F=Front, S=Side

## BEAM LAYOUT LEVEL 1



Label	Beam Length	Post Count	Post Spacing
A	17' 8 3/4"	3	8' 1 1/2"
B	17' 8 3/4"	3	8' 1 1/2"
C	17' 8 3/4"	4	5' 5"

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**Warning:** You have prepared a preliminary design of a deck for residential purposes, including the preparation of a preliminary bill of materials and a preliminary materials pricing estimate. Materials pricing estimates do not include labor costs and are subject to change. This preliminary design is NOT intended for use as a final design and may not be sufficient for permit applications. Variations in building codes, specific architectural considerations, and/or site conditions may require changes to the preliminary design. You are responsible for the final structural, code compliance, material usage, and structural safety of this design. Be sure to check and verify the design with your architect, engineer and building inspector.

Lowe's does not assume any responsibility for design, engineering, or construction; for the use of installation of materials; or for compliance with any building code or standard of workmanship. You should consult with professionals (including an architect, engineer, licensed contractor, and/or building inspector or code official) concerning the suitability, safety, and legality of this preliminary design, rather than relying on this tool for those functions. Always refer to information on fastener packaging for use with pressure treated lumber.

**Preferences:** Certain assumptions have been made in order to provide an accurate material quote for your deck project. Because local codes and bylaw requirements may vary throughout the country (e.g., by municipality and state/province), it is imperative that you check with your architect, engineer, licensed contractor, and/or building inspector or code official for compliance with local requirements and building codes. The following building practice assumptions have been made in planning the materials for your project:

Footer Depth:	30"
Footer Type:	Post On Concrete
Joist Cantilever:	6 inches
Joist Spacing:	16" center to center
Spacing Between Deck Planking:	1/8"
Star Stringers:	12 inches
Deck Live Load:	40 psf
Deck Dead Load:	10 psf
Stairs Live Load:	40 psf
Stairs Dead Load:	10 psf

Be sure to check and verify the design with your architect, engineer and building inspector.

**Note:** It is recommended that joist that meet on top of beams should be spliced with gussets. The gussets should be 2- by wood the same width as the joist and overlap by 6 inches on each side. These gussets should be held in place with 12 16d galvanized nails.

## Handling Precautions for Pressure-Treated Wood

**Disposal:** Dispose of treated wood by ordinary trash collection. Treated wood should not be burned in open fires, stoves, fireplaces, or residential boilers because toxic chemicals may be produced as part of the smoke and ashes. Treated wood from commercial or industrial use (e.g. construction sites) must be disposed of in accordance with state and Federal regulations, which may include burning only in commercial or industrial incinerators or boilers. Always refer to information on fastener packaging for use with pressure treated lumber.

**Operating Conditions:** Avoid frequent or prolonged inhalation of sawdust from treated wood. When sawing, sanding and machining treated wood, wear a dust mask. Whenever possible, these operations should be performed outdoors to avoid indoor accumulations of airborne sawdust from treated wood. (Lowe's in-store saws are equipped with a vacuum to minimize airborne sawdust).

**Protection:** When power-sawing and machining, wear goggles to protect eyes from flying particles.

**Clean Thoroughly:** Wear gloves when working with the wood. After working with the wood, and before eating, drinking, toileting, and use of tobacco products, wash exposed areas thoroughly.

**Wash Separately:** Because preservatives or sawdust may accumulate on clothes, they should be laundered before reuse. Wash work clothes separately from other household clothing.

**For Additional Information:** [www.epa.gov](http://www.epa.gov) - [www.healthybuilding.net](http://www.healthybuilding.net) - [www.ccasafetyinfo.com](http://www.ccasafetyinfo.com)  
[www.treatedwood.com](http://www.treatedwood.com) - Call: (800)282-0000 or (800)356-AWPI

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THIS SURVEY IS BASED ON A PLAT RECORDED IN THE CLERK'S OFFICE OF THE CIRCUIT COURT OF THE CITY OF CHESAPEAKE, VIRGINIA IN MAP BOOK 5 AT PAGE 20.

THIS IS TO DECLARE THAT I, ON OCTOBER 12, 2018, SURVEYED THE PROPERTY SHOWN HEREON. THIS SURVEY COMPLIES WITH THE MINIMUM STANDARDS AND PROCEDURES AS SET FORTH IN 18VAC10-20-380 CODE OF VIRGINIA.

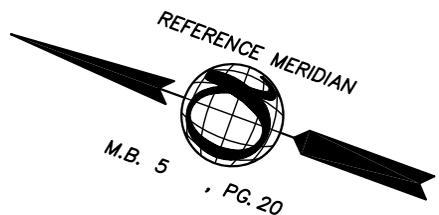
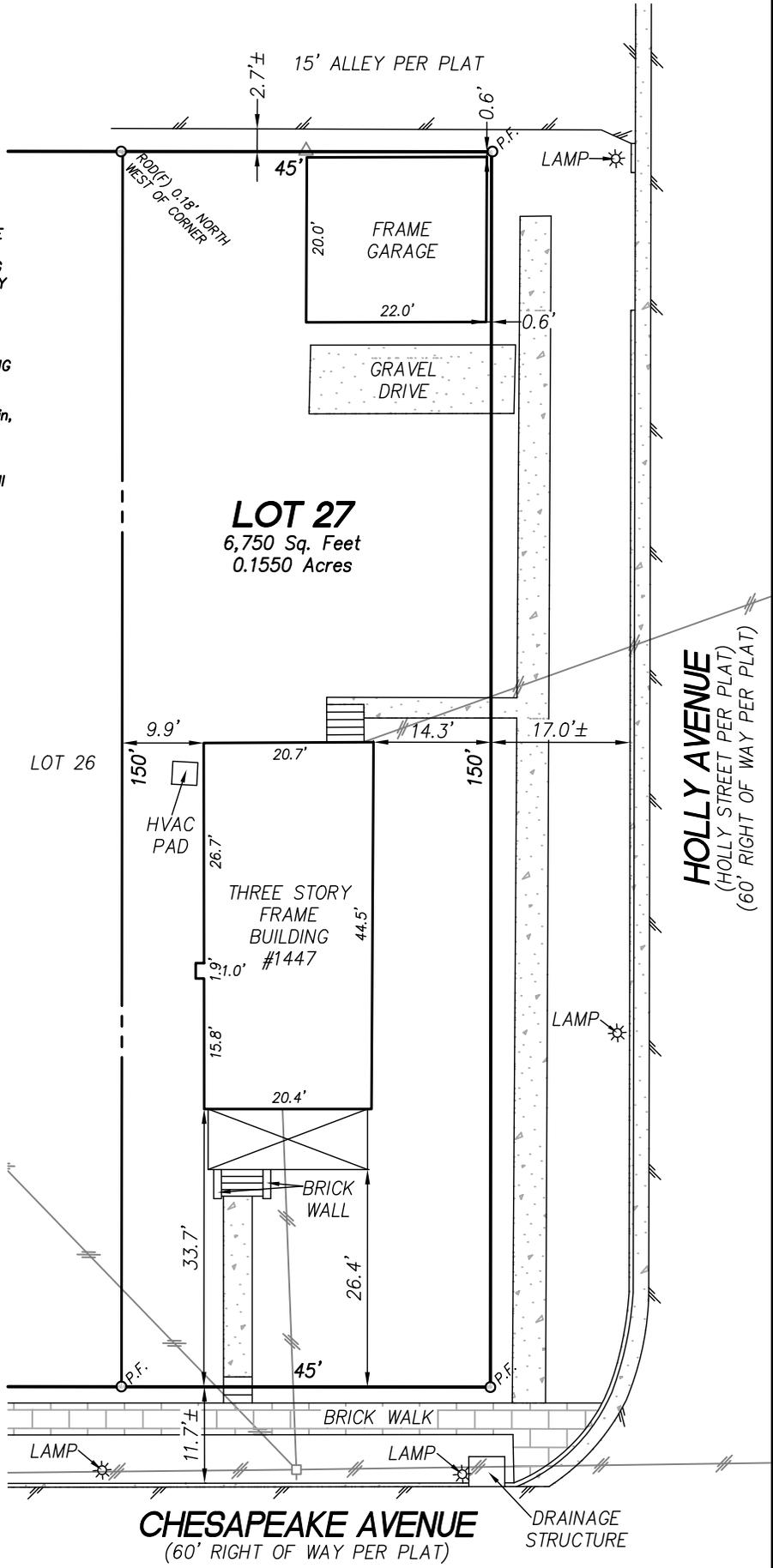
THE BUILDING SHOWN HEREON APPEARS TO LIE WITHIN ZONE X [OTHER AREAS] ACCORDING TO THE FEMA - NFIP COMMUNITY PANEL NUMBER 510034-0016D, DATED 12/16/2014. FLOOD ZONE DETERMINATION IS BASED ON THE FLOOD INSURANCE RATE MAPS AND DOES NOT IMPLY THAT THIS PROPERTY WILL OR WILL NOT BE FREE FROM FLOODING OR DAMAGE. CONTACT THE LOCAL COMMUNITY FLOOD OFFICIAL TO CONFIRM THE ABOVE INFORMATION. FLOOD ZONE INFORMATION WAS SCALED FROM F.E.M.A. FLOOD MAPS. ALPHATEC SURVEYORS, LTD. IS NOT A PARTY IN DETERMINING THE REQUIREMENTS FOR FLOOD INSURANCE ON THE PROPERTY SHOWN HEREON.

THE SURVEY OF THE PROPERTY SHOWN HEREON WAS PERFORMED WITHOUT BENEFIT OF A CURRENT TITLE REPORT, AND CONSEQUENTLY MAY NOT DEPICT ALL MATTERS AFFECTING THE PROPERTY SHOWN HEREON.

This document, together with the concepts and designs herein, as an instrument of service, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Alphatec Surveyors, Ltd. shall be without liability to Alphatec Surveyors, Ltd.

**NOTES:**

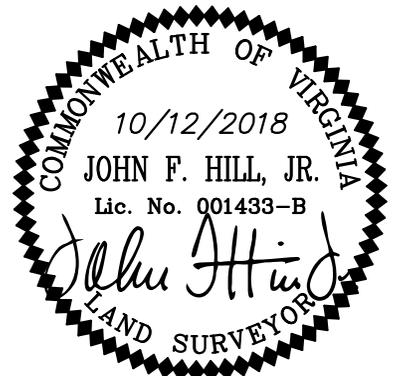
1. ALL BUILDING DIMENSION SHOWN HEREON ARE TO THE EXTERIOR FACE OF THE BUILDING UNLESS OTHERWISE NOTED.
2. ALL VISIBLE FRANCHISE UTILITY APPURTENANCE (I.E. TRANSFORMER, UTILITY BOX, PEDESTAL, ETC..) MAY BE EVIDENCE OF AN EASEMENT.



**LEGEND**

- EDGE OF PAVEMENT
- CURB
- CONCRETE CURB AND GUTTER
- PROPERTY LINE ( P )
- UNDERGROUND UTILITY PEDESTAL
- P.F. PIN FOUND
- CONCRETE
- UTILITY POLE WITH OVERHEAD WIRES

PHYSICAL SURVEY  
OF  
**LOT 27, BLOCK F  
QUINCY PLACE**  
CHESAPEAKE, VIRGINIA  
OCTOBER 12, 2018 SCALE: 1"=20'  
EXCLUSIVELY FOR  
**CLAIRE MARIE VIDRINE**



PROJECT NO.: 21619  
DRAWING NO.: 31719



**ALPHATEC**  
SURVEYORS LTD.

530 WOODLAKE CIRCLE, SUITE 200, CHESAPEAKE, VA 23320  
TEL.: (757) 963-5261 FAX: (757) 963-5262