

**TOWN OF HERNDON, VIRGINIA
HERITAGE PRESERVATION REVIEW BOARD
PUBLIC HEARING AGENDA
APRIL 17, 2019
HERNDON COUNCIL CHAMBERS BUILDING
765 LYNN STREET
7:00 P.M.**

CALL TO ORDER

1. Roll Call
2. Determination of Quorum

ADOPTION OF MINUTES

3. March 6, 2019 Work Session Draft Minutes
4. March 20, 2019 Public Hearing Draft Minutes

COMMENTS

5. Comments from the Board Members
6. Comments from the Staff Members
7. Comments from the Audience

PUBLIC HEARINGS

8. **APPLICATION FOR A CERTIFICATE OF APPROPRIATENESS FOR AN ADDITION TO AN EXISTING STRUCTURE, HPRB #18-31**, to consider an application for a Certificate of Appropriateness approving the construction of a two-story rear addition with a screened porch at the single-family residential structure located at 610 Spring Street, Herndon, Virginia and further identified as Fairfax County Tax Map 0162-02-0140A. Owner: Robert C. Matthews. Applicant: O'Neil Architects. ***Continued from January 16, 2019 HPRB public hearing.***
9. **APPLICATION FOR A CERTIFICATE OF APPROPRIATENESS OF AN AMENDMENT TO APPROVED APPLICATION, HPRB #19-07**, to consider an application for a Certificate of Appropriateness approving design revisions to the approved new construction, previously authorized through HPRB #15-20, to the mixed-use structure located at 700 Lynn Street, 702A, 704A, 708A and 710A Elden Street, Herndon, Virginia and further identified as Fairfax County Tax Map 0162-51-0001, 0162-52-0010, 0162-52-0009, 0162-52-0007, and 0162-52-0006. Owner: Multiple Property Owners. Applicant: Stephen DeFalco, Owner / Project Developer. ***Continued from March 20, 2019 HPRB public hearing.***

10. **APPLICATION FOR A CERTIFICATE OF APPROPRIATENESS OF AN ALTERATION TO AN EXISTING STRUCTURE, HPRB #19-08**, to consider an application for a Certificate of Appropriateness approving an addition to the single-family residential structure located at 641 Nash Street, Herndon, Virginia and further identified as Fairfax County Tax Map 0162-02-0139. Owner/Applicant: Francis Kenney, Jr. *Continued from March 20, 2019 HPRB public hearing.*
11. **APPLICATION FOR A CERTIFICATE OF APPROPRIATENESS OF NEW CONSTRUCTION, HPRB #19-10**, to consider an application for a Certificate of Appropriateness approving construction of a new deck, a new gazebo and various rear yard site improvements on the single-family residential property located at 719 Dranesville Road, Herndon, Virginia and further identified as Fairfax County Tax Map 0104-03040007A2. Owners: Robert J. Tollini, Patricia A. Tollini and Michael R. Tollini. Applicants: Robert and Patricia Tollini.
12. **APPLICATION FOR A CERTIFICATE OF APPROPRIATENESS OF A FREE-STANDING SIGN, HPRB #19-11**, to consider an application for a Certificate of Appropriateness approving two (2) new free-standing business signs located at 800 Third Street, Herndon, Virginia and further identified as Fairfax County Tax Map 0104-02-0045C. Owner/Applicant: Policy, Planning and Evaluation, Inc. c/o Jasbinder Singh.
13. **APPLICATION FOR A CERTIFICATE OF APPROPRIATENESS OF AN ALTERATION TO AN EXISTING STRUCTURE, HPRB #19-12**, to consider an application for a Certificate of Appropriateness approving replacement of vinyl siding with new Hardieplank® siding and replace existing porch columns on the single-family residential structure located at 639 Nash Street, Herndon, Virginia and further identified as Fairfax County Tax Map 0162-02-0138. Owners / Applicants: Amelia Fine-Morrison and James Brew.

ADJOURNMENT

Future HPRB Meetings

May 1, 2019	HPRB Work Session	7:00 p.m.
May 15, 2019	HPRB Public Hearing	7:00 p.m.



MEMORANDUM

To: Chairman Walker and Members of the Heritage Preservation Review Board

From: Christopher J. Garcia, AICP, Community Design Planner/Deputy Zoning Administrator 

Date: April 12, 2019

Subject: HPRB #18-31, 610 Spring Street, Addition – Updated Materials

The applicant for the above referenced case, which was continued by the Heritage Preservation Review Board at its public hearings on December 17, 2018 and January 16, 2019, has provided updates to staff in response to the Board's discussion and staff report comments initially presented at the HPRB Work Sessions held on December 12, 2018 and April 3, 2019.

The revised application materials include:

- Revised drawings that depict the plan, elevations and perspectives with the new roof form.

In response to the staff and Board comments, the applicant has reduced the roof height of the longitudinal gable form that previously appeared as one large roof form. Staff finds that this break in the form/roof height provides the necessary differentiation to help with distinguishing the original structure from the new addition and helps achieve the notion of an addition that is complimentary in scale to the existing structure.

Staff finds that the application is still missing information regarding the following items.

- Profile and dimensions of the existing corner, rake, and window trim boards;
- The width and seam dimensions and mean of crimping the seams of the standing seam metal roof; and
- Clarification on the finish of the proposed fiber cement siding; a smooth finish should be used instead of a wood grain finish. The smooth finish provides a more authentic appearance to wood.

Staff is recommending approval of HPRB #18-31 with the following conditions:

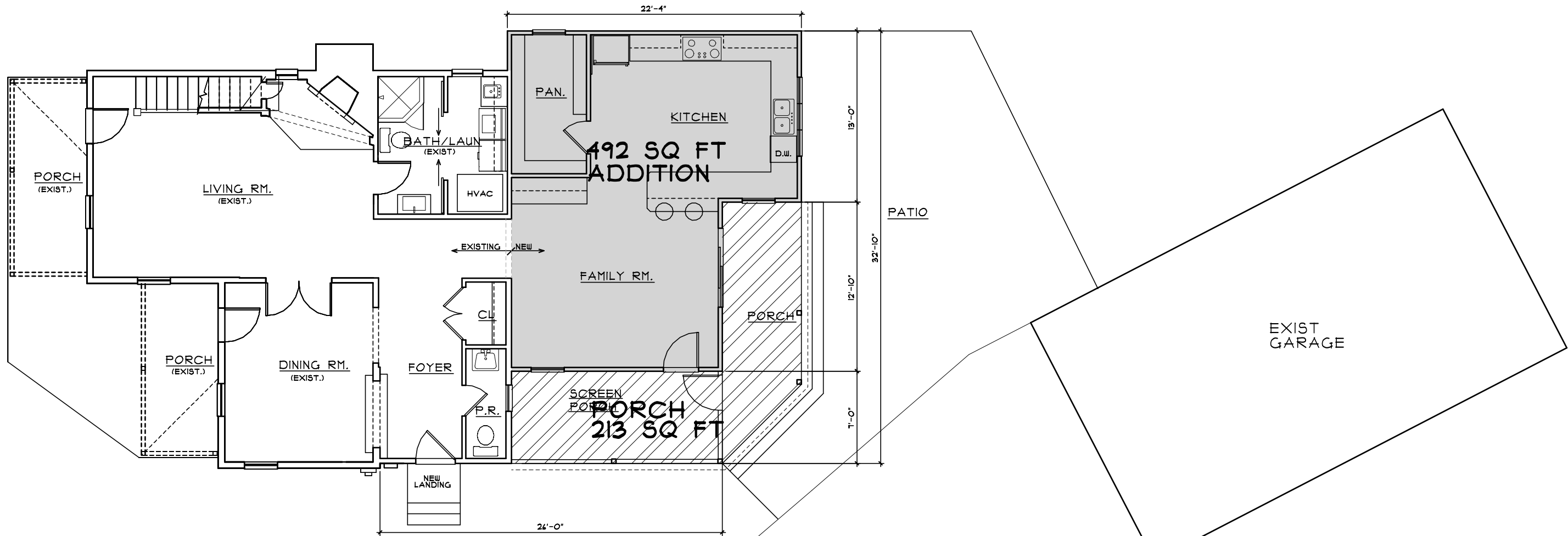
- 1) Clarification of the details of existing corner, rake, and window trim boards, the finish of the proposed fiber cement siding, and the standing seam metal roof shall be provided to staff for administrative approval prior to issuance of the COA; and

- 2) The proposed alterations shall be installed in substantial conformance with the application and supporting materials as submitted November 6, 2018, March 19, 2019, April 3, 2019, April 11, 2019, and any subsequent updates required by the Board in addition to Staff Recommendation Condition #1.

Thank you.

Attachment:

- 1) Revised elevations and perspectives



FIRST FLOOR PLAN

1/8" = 1'-0"

O'NEIL ARCHITECTS

tjoneil@oneilarchitects.com

04/10/2019

103-111-5113

MATTHEWS RESIDENCE ADDITION

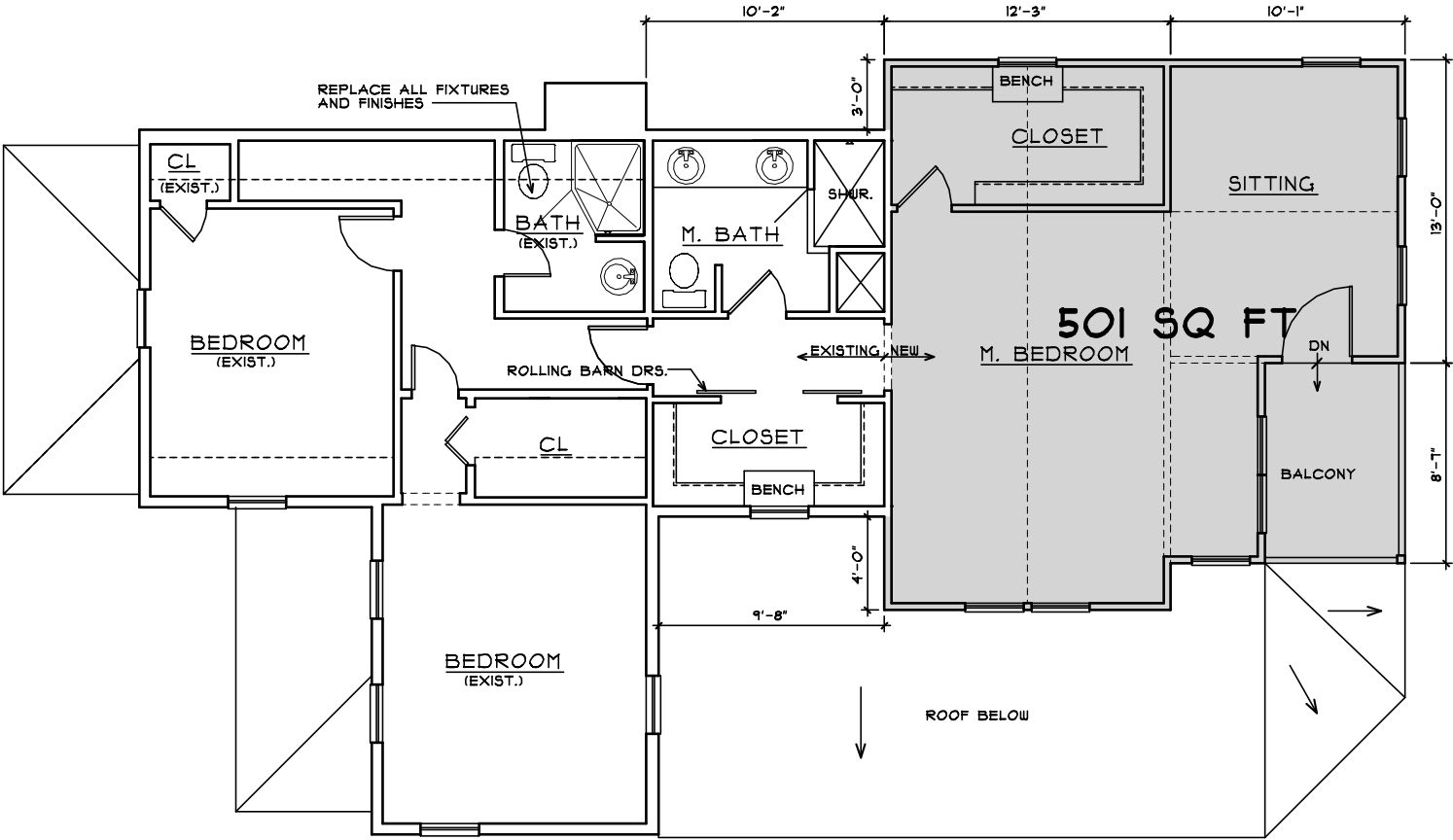
610 SPRING STREET, HERNDON, VA 20170

DRAWINGS NOT FOR CONSTRUCTION

EXISTING HOUSE
FOOTPRINT 1002 SQ FT

105 SQ FT TOTAL ADDITION (SHOWN SHADED)
(HOUSE & REAR PORCH)

DRIVEWAY



SECOND FLOOR PLAN

1/8"=1'-0"

**106 SQ. FT. EXIST HOUSE
501 SQ FT ADDITION (SHOWN SHADED)**

O'NEIL ARCHITECTS

tjoneil@oneilarchitects.com

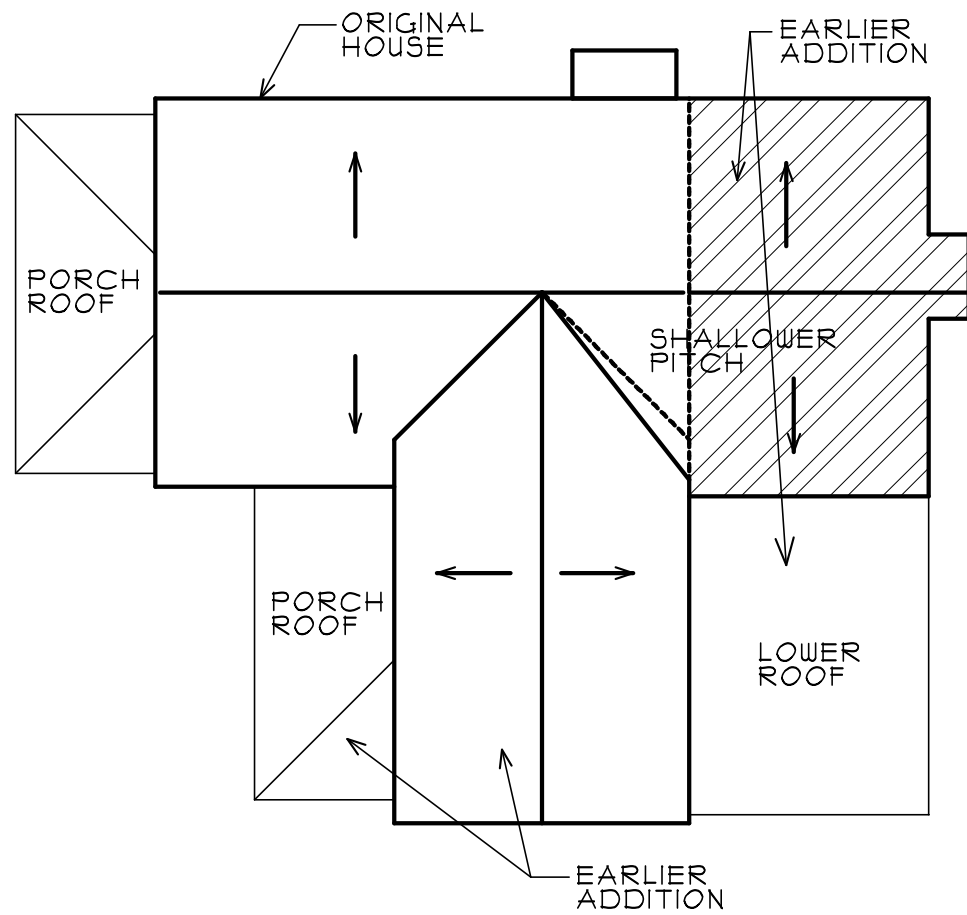
04/10/2019

103-111-5113

MATTHEWS RESIDENCE ADDITION

610 SPRING STREET, HERNDON, VA 20170

DRAWINGS NOT FOR CONSTRUCTION



EXISTING ROOF PLAN

1/8"=1'-0"

MATTHEWS RESIDENCE ADDITION

610 SPRING STREET, HERNDON, VA 20170

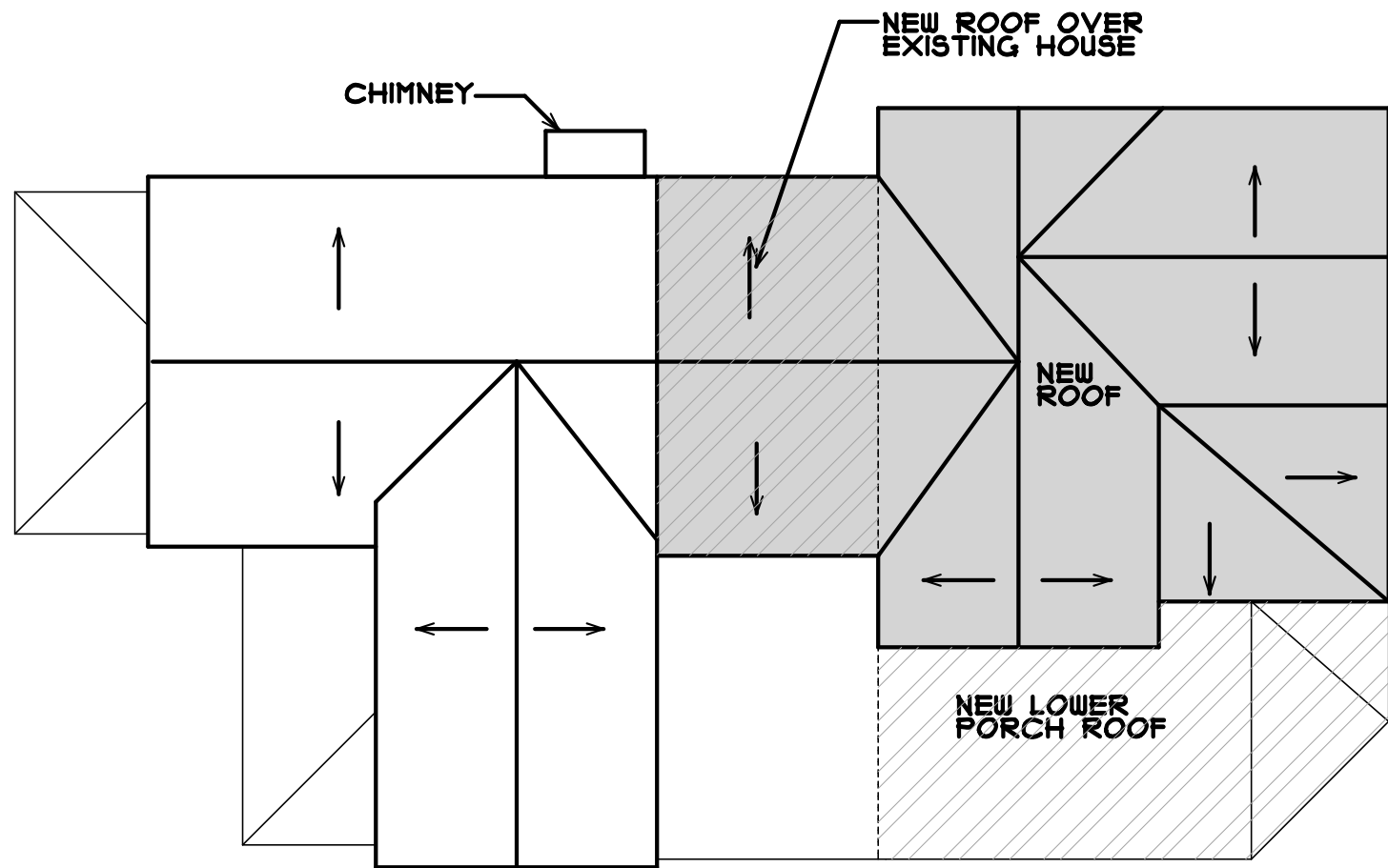
O'NEIL ARCHITECTS

t.joneil@oneilarchitects.com

04/10/2019

703-777-5773

DRAWINGS NOT FOR CONSTRUCTION



NEW ROOF PLAN

1/8"=1'-0"

MATTHEWS RESIDENCE ADDITION

610 SPRING STREET, HERNDON, VA 20170

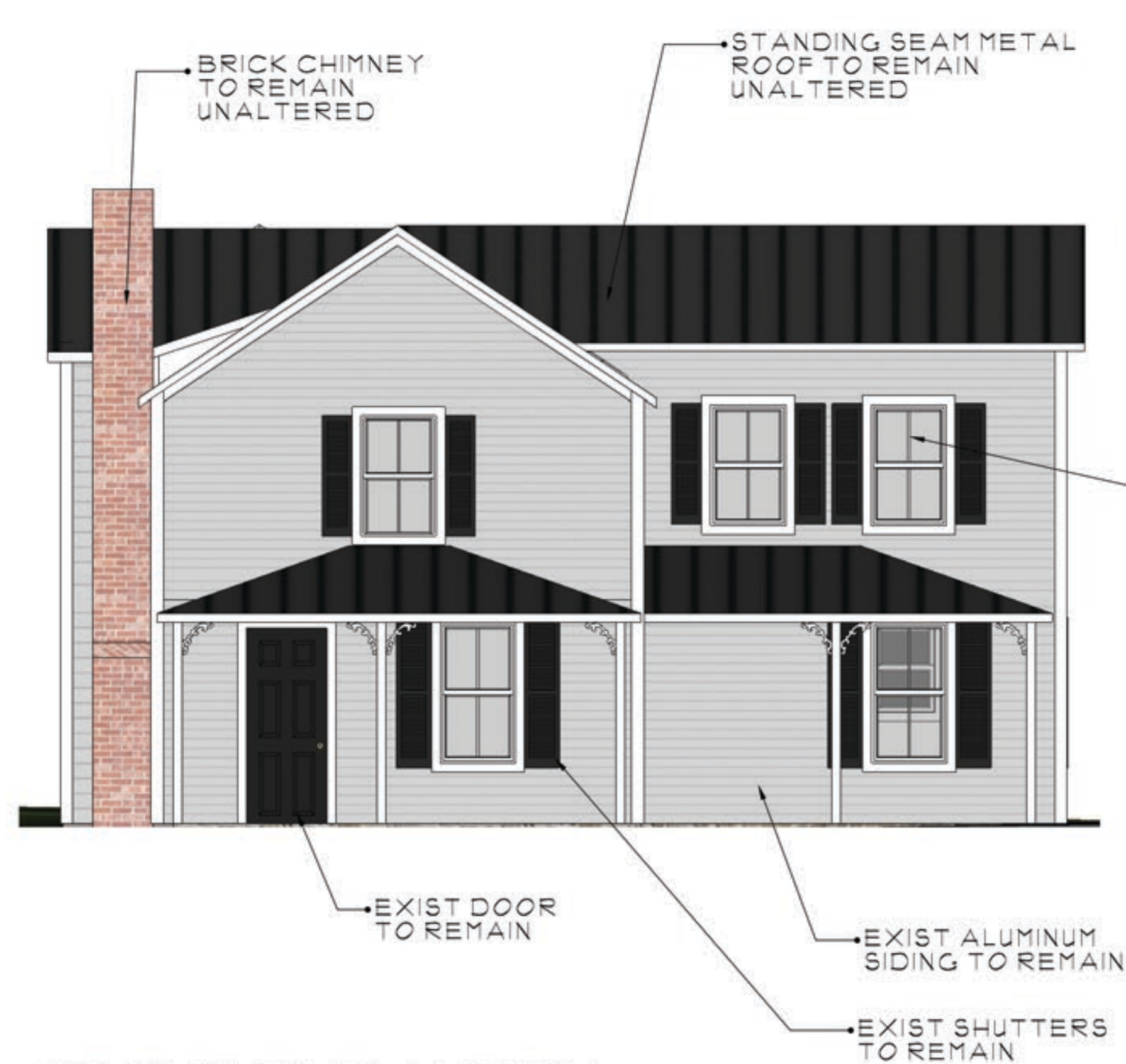
O'NEIL ARCHITECTS

tjoneil@oneilarchitects.com

04/10/2019

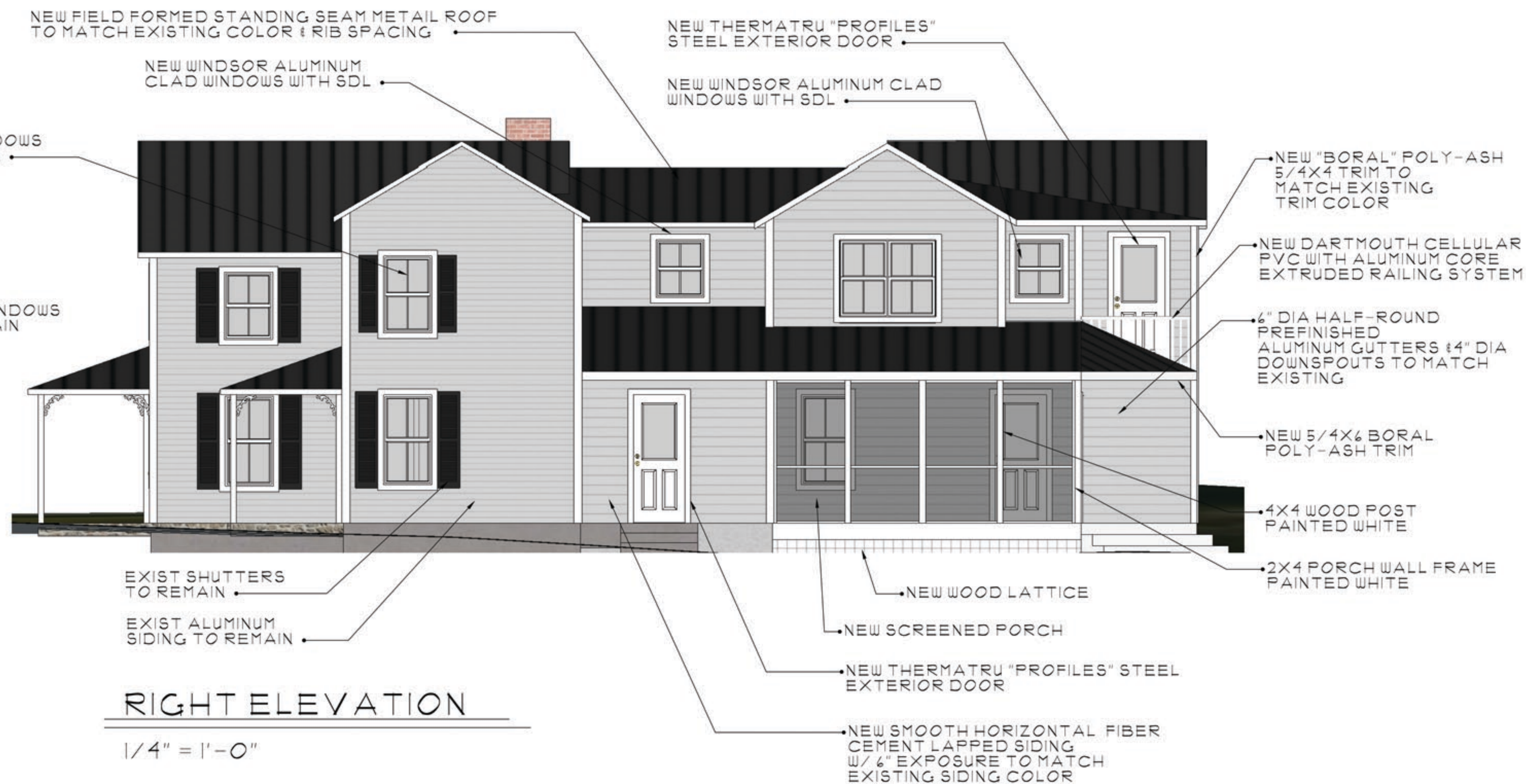
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DRAWINGS NOT FOR CONSTRUCTION



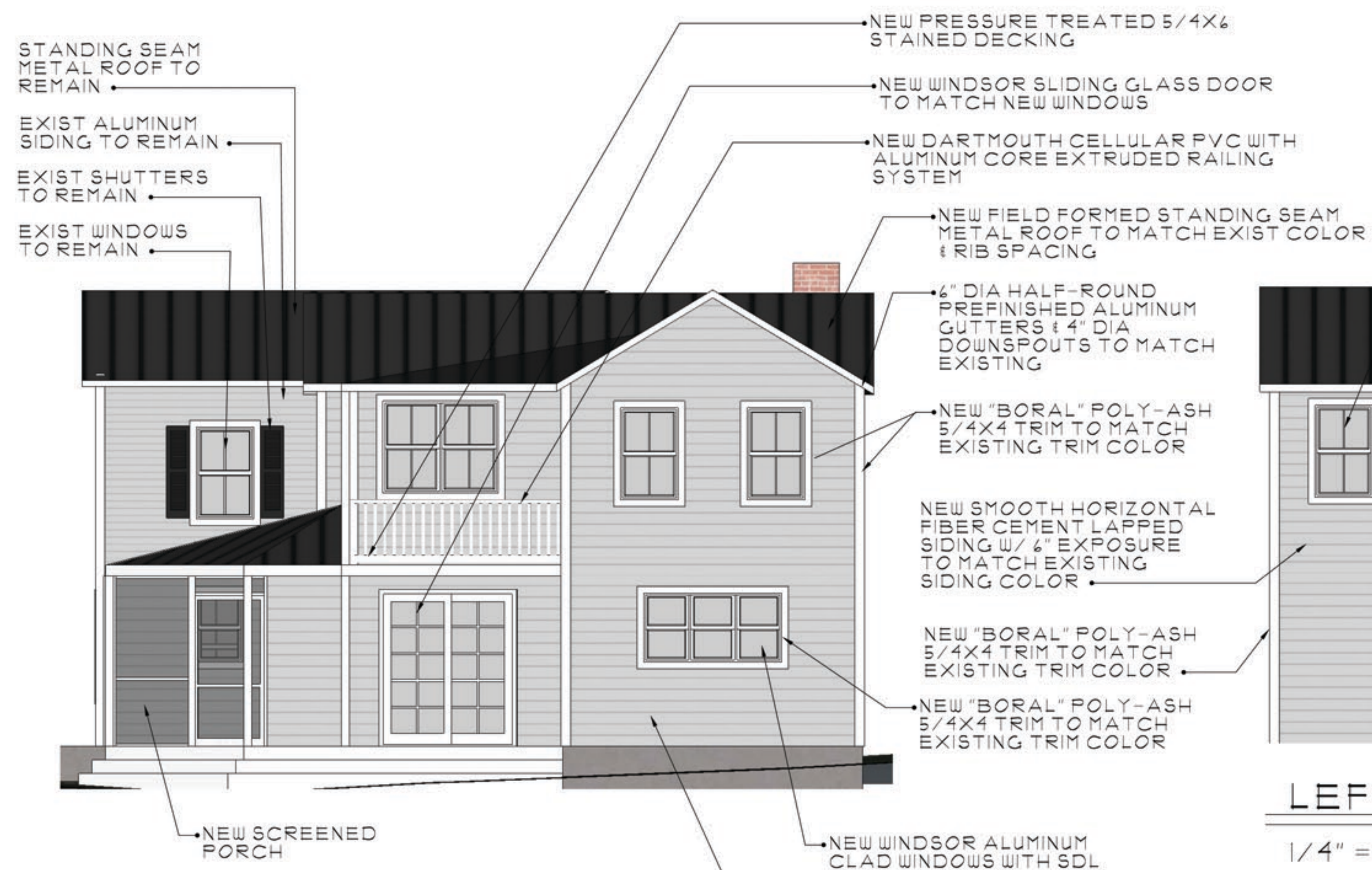
FRONT ELEVATION

1/4" = 1'-0"



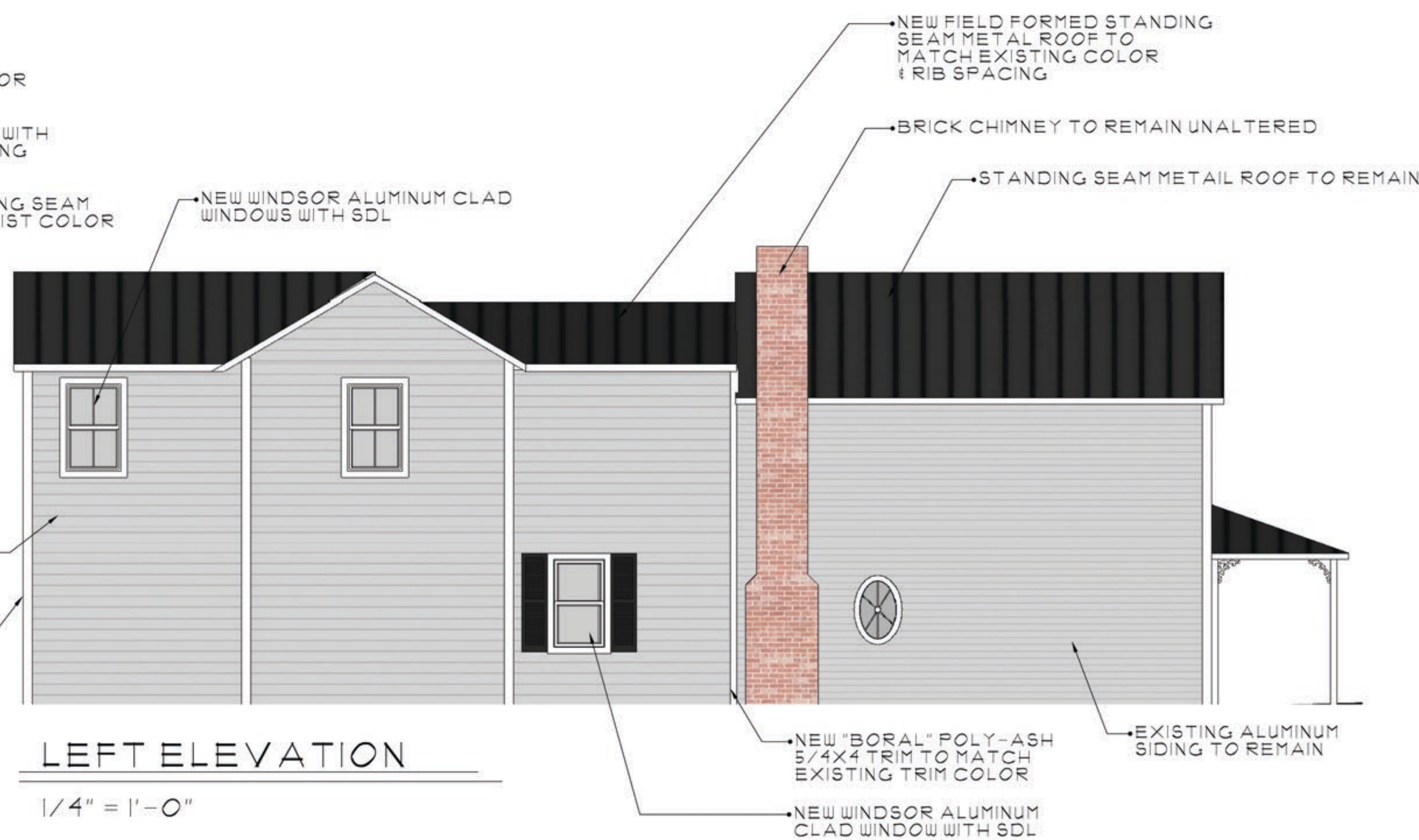
RIGHT ELEVATION

1/4" = 1'-0"



REAR ELEVATION

1/4" = 1'-0"



LEFT ELEVATION

1/4" = 1'-0"

MATTHEWS RESIDENCE ADDITION
610 SPRING STREET, HERNDON, VA 20170
ELEVATIONS

O'NEIL
ARCHITECTS



703.777.5773
703.771.8408 fax
www.ONeilArchitects.com
fjoneil@ONeilArchitects.com
110 Loudoun Street SW
Leesburg, VA 20175

A-1

Date: 04/10/2019

Job No. 1815
Copyright 2018, O'Neil Architects, Inc.

Date: 04/10/2019

Job No. 1815
Copyright 2018, O'Neil Architects, Inc.

MATTHEWS RESIDENCE ADDITION
610 SPRING STREET, HERNDON, VA 20170
EXISTING ELEVATIONS

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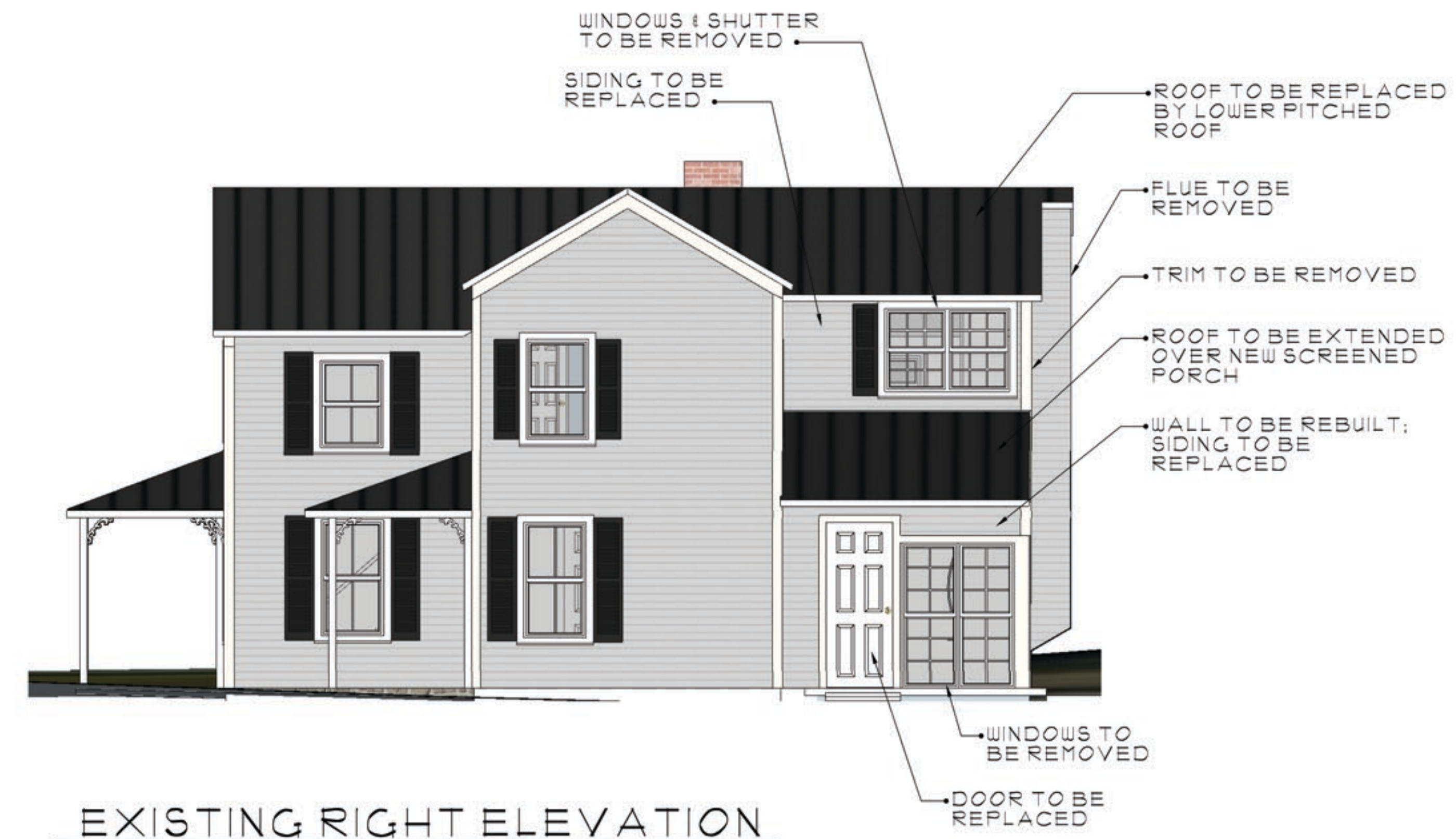
X-1



EXISTING FRONT ELEVATION

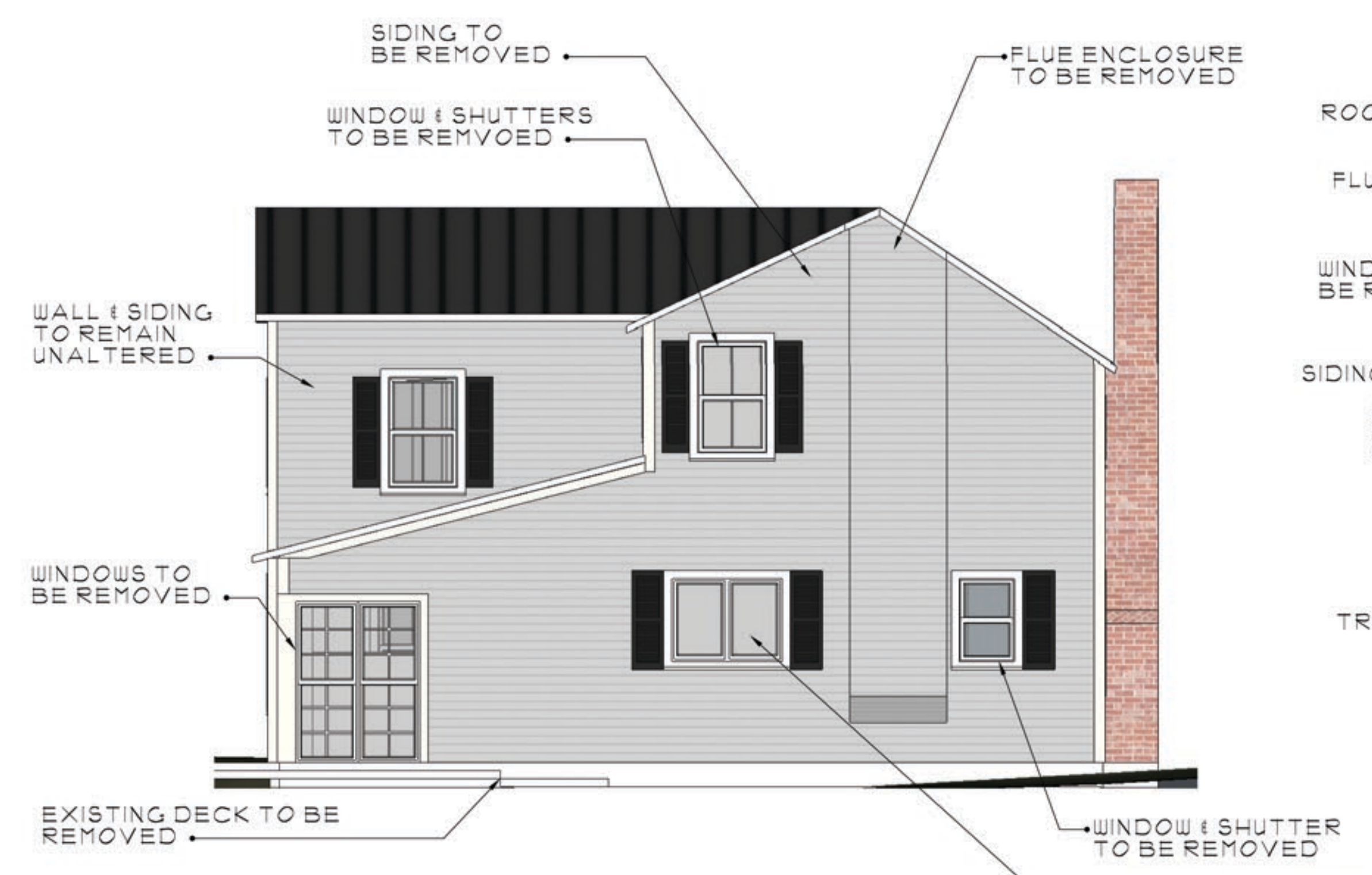
1/4" = 1'-0"

ALL BUILDING ELEMENTS (ROOF, WINDOWS, TRIM, ETC) TO REMAIN UNALTERED



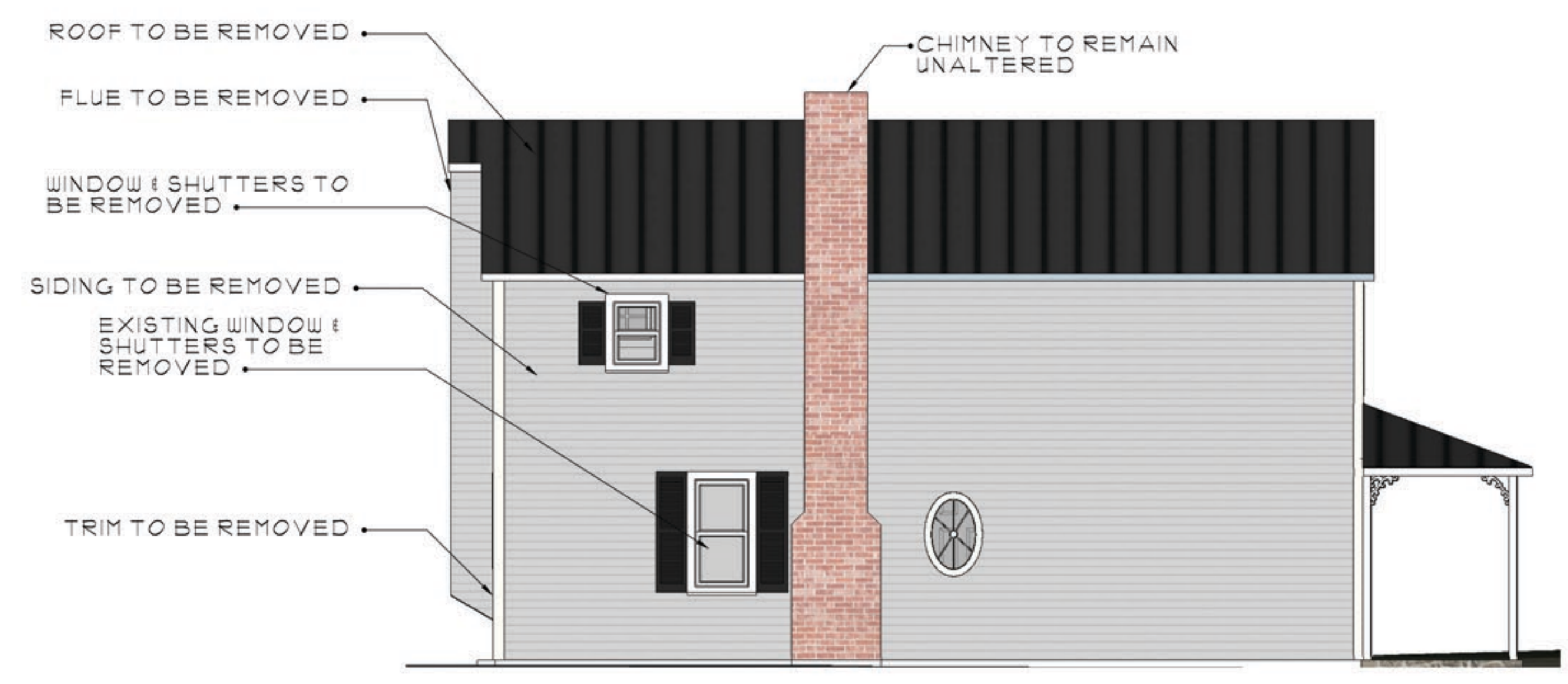
EXISTING RIGHT ELEVATION

1/4" = 1'-0"



EXISTING REAR ELEVATION

1/4" = 1'-0"



EXISTING LEFT ELEVATION

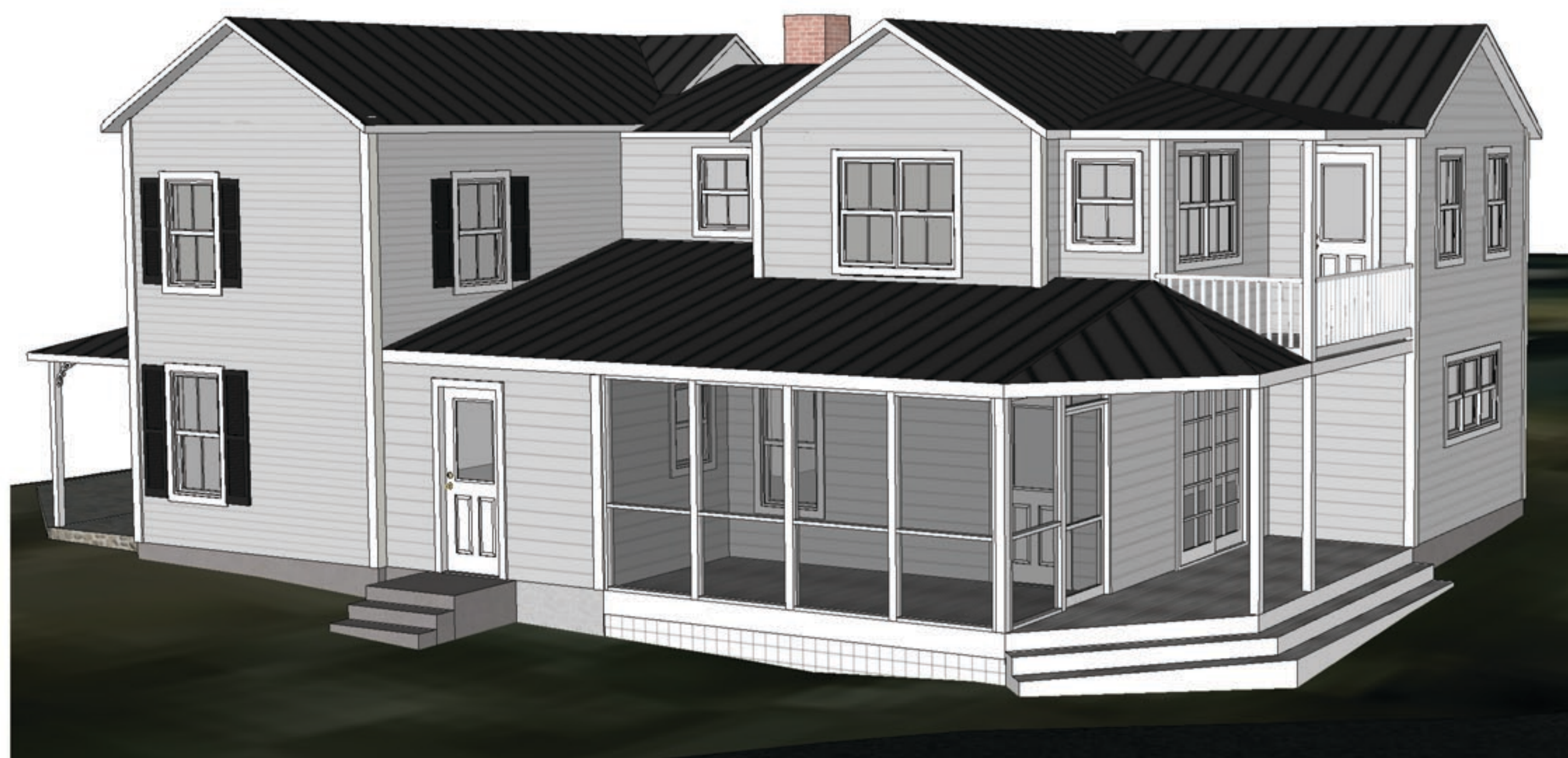
1/4" = 1'-0"



PERSPECTIVE - FRONT LEFT



PERSPECTIVE - FRONT RIGHT



PERSPECTIVE - BACK RIGHT



PERSPECTIVE - BACK LEFT

Date: 04/10/2019

Job No. 1815
Copyright 2018, O'Neil Architects, Inc.

MATTHEWS RESIDENCE ADDITION
610 SPRING STREET, HERNDON, VA 20170
PERSPECTIVES

O'NEIL
ARCHITECTS



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703 771 8408 fax
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fjoneil@ONeilArchitects.com
110 Loudoun Street SW
Leesburg, VA 20175

P-1



MEMORANDUM

To: Chairman Walker and Members of the Heritage Preservation Review Board

From: Christopher J. Garcia, AICP, Community Design Planner/Deputy Zoning Administrator 

Date: March 29, 2019

Subject: HPRB #19-07, Junction Square Design Revisions

The applicant for the above referenced case, which was continued by the Heritage Preservation Review Board on March 20, 2019 at its public hearing, has not provided any updates to the Town's staff in response to the Board's comments and requests for information.

Staff will continue working with the applicant to seek updates and/or resolution of this case between now and the April 17, 2019 Public Hearing and does not have any updated information or comments for the Board in advance of the April 3, 2019 HPRB Work Session.

Thank you.



MEMORANDUM

To: Chairman Walker and Members of the Heritage Preservation Review Board

From: Christopher J. Garcia, AICP, Community Design Planner/Deputy Zoning Administrator 

Date: April 12, 2019

Subject: HPRB #19-08, 641 Nash Street, Addition – Updates

The applicant for the above referenced case, which was continued by the Heritage Preservation Review Board on March 20, 2019 at the HPRB Public Hearing, has not provided any updates to the Town's staff in response to the Board's discussion and staff report comments from the HPRB Work Sessions on March 6, 2019 and April 3, 2019.

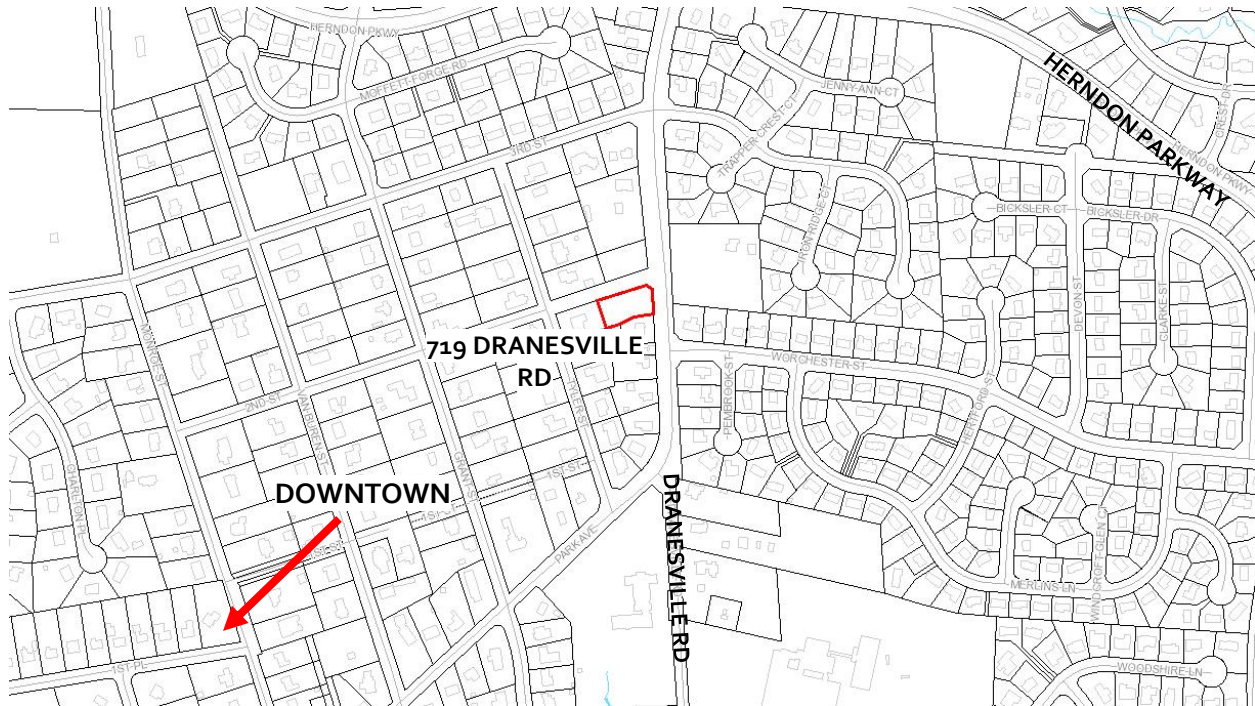
Staff does not have any updated comments for the Board or the applicant to consider as of the date of this memorandum. Thus, staff is recommending continuance of this item to the May 2019 HPRB Work Session and Public Hearing as published by the Town.

Staff will be reaching out to the applicant to seek updates and/or resolution of this case between now and the next deadline for submission of materials for the May 2019 HPRB Work Session and Public Hearing.

Thank you.

Case Number & Type: HPRB #19-10; Alteration
Case Summary: Construction of new rear yard deck, gazebo, seat wall and various site features
Case Location: 719 Dranesville Road, D. Van Vleck's Addition

Location Map



Property Information

Applicant/Owner:	Applicants: Robert and Patricia Tollini / Robert J. Tollini, Patricia A. Tollini and Michael R. Tollini		
Agent:	N/A		
Business/Organization:	N/A		
Property Use:	Single family residential		
Zoning District:	R-10, Residential Single Family	HPOD Designation:	Non-Contributing
Adjacent Zoning:	North: R-15, Residential Single Family South: R-10, Residential Single Family	East: R-10, Residential Single Family West: R-10, Residential Single Family	
Adjacent Property HPOD Designation:	North: Non-contributing South: Contributing	East: Contributing West: Non-contributing	
Associated Cases:	N/A		
Building Type(s):	Single family residential	Date of Construction:	2018
Architectural Style(s):	New Dominion (Virginia) Transitional		

Exterior Material(s):	Composite: masonry brick veneer, cementitious fiber board, asphalt shingle
Neighborhood Design Profile:	Suburban single family residential

Case Details

Case Description:

This application proposes to construct new site features on the subject property that include:

- 1) A new freestanding 9 1/2' X 13' deck to be constructed of Trex ® composite decking members, Trex ® railings with a floor height of 3' above grade. The deck will generally not be visible from the Dranesville Road;
- 2) A new 18" tall, 22-foot-long seat wall constructed of a concrete footer, 8" CMU blocks, a stone veneer and a 1" bluestone cap as surround for a new paver patio; and
- 3) A new octagonal cedar gazebo with a 12' diameter and an overall height of 14 feet covering approximately 140 square feet.

Additional site features, such as, a new patio, as noted, landscaping and a decorative pond are to be installed with the above vertical features but are not subject to the Board's review of this case (Attachments #1, 2, 3, and 4).

Case Background:

This recently built single family residential structure is one of several modern, non-contributing homes built as a part of the D. Van Vleck's Addition(s) site planning and land development effort in this area. All the planned site improvements are to be located in the rear yard of the single-family residential property and are generally not visible from the adjacent street, Dranesville Road.

Applicable Design Guidelines & Criteria:

- Town Zoning Ordinance, Section 78-30.2 - R-10 - Residential single-family district
- Town Zoning Ordinance, Section 78-115. - Walls, fencing and hedge standards
- Town Zoning Ordinance, 78-21. - General provisions for all zoning districts
- Town Zoning Ordinance Section 78-60.3. - Heritage Preservation Overlay District (HP District) (Attachment #5)
- Town of Herndon Heritage Preservation Handbook, Chapter 23 Guidelines for Building Site Improvements (Pages 107-109)

Staff Analysis

1. The proposed deck, seat wall and gazebo comply with the Towns Zoning Ordinance Sections Section 78-30.2 - R-10 - Residential single-family district, 78-115. - Walls, fencing and hedge standards and 78-21. - General provisions for all zoning districts regarding accessory structures in residential zoning districts, accessory structures that may encroach into the rear yard setbacks of properties in residential zoning districts and the design of walls within the Town's jurisdiction.

2. The proposed site improvements generally conform to the guidelines of the Herndon Heritage Preservation Handbook, Chapter 23 Guidelines for Building Site Improvements specifically related to garages, sheds and other structures; paving materials; walls and fences; ground surface materials and landscaping (Pages 108-109).
3. Section 78-60.3(f) of the Zoning Ordinance requires the HPRB to consider specific criteria/standards when reviewing applications (Attachment #5). Based on the evaluation of each criteria, staff finds the proposed site improvements will improve the overall visual appeal and function of the rear yard of the subject property, will be mostly obscured from view from the adjacent street, Dranesville Road, and are in keeping with the referenced Zoning Ordinance considerations.

Staff Recommendation:

Motion Alternatives:	1. Motion to deny the application. 2. Motion to approve the application as submitted. 3. Motion to approve with condition(s). 4. Motion for continuance of the public hearing to a date certain or the next HPRB Public Hearing for action to address a specified design issue or concern of the Board.
Recommended Motion:	Motion for approval of HPRB #19-10, in accordance with Alternative #3, with the following condition: 1. The proposed site improvements shall be installed in substantial conformance with the application and supporting materials as submitted March 08, 2019.

Report Attachments

1.	Aerial Image
2.	Applicant Letter
3.	Site Photos
4.	Site Plan, Landscaping Plan, Site Improvement Detail Drawings and Product Information
5.	Town's Zoning Ordinance, Section 78-60.3. (f)

Staff Contact

Name/Title:	Christopher J. Garcia, Community Design Planner
Phone/Email:	(703)787-7380; christopher.garcia@herndon-va.gov



Christopher J. Garcia
Community Design Planner



Bryce A. Perry
Deputy Director



SITE LOCATION – AERIAL PHOTO



Imagery prepared by Town of Herndon
Department of Community Development
Image source: Google Earth © 2018

Robert Tollini and Patricia Tollini
719 Dranesville Road
Herndon VA 20170

March 11, 2019 Application

Bob.tollini@gmail.com 317.490.4480 Pat.tollini@yahoo.com 317.490.4484

Physical Materials submitted:

Pavers for Patio, Trex Deck, Stack Stone for Boulder Wall, Brick for Patio edging,

Files submitted:

Site Plan 11" by 17" entire house plus deck, patio, pond and boulder wall

Site Plan 11" by 17" backyard deck, patio, pond and boulder wall

Site Plan 8 ½" by 11" color entire house plus deck, patio, pond and boulder wall

Site Plan 8 ½" by 14" entire lot and house plus in color - deck, patio, pond, gazebo and boulder wall - house location survey

Boulder Wall 8 ½" by 11" – two views – cross section and head on

Deck 8 ½" by 11" – two views – from the sky and head on

Gazebo 8 ½" by 11" – specifications of 12" Octagon Bayside

Gazebo color picture 8 ½" by 11"

Six color pictures/photos 4" by 6" of all sides of the house

We moved into our new house on 719 Dranesville Road 12-1-2018. This spring we want to improve our lot. We hired Meadow Farms to design these improvements. They include a deck and a patio and a boulder wall and a pond and a gazebo.

Concerning the deck: It is 9 1/2 feet by 13 feet or 124 square feet, The height is the same as our first floor which is about 3 feet from the ground. It is made with Trex Material (SAMPLE SUPPLIED). It has five steps to the ground and has three feet railings. It is not attached to the house. The deck is freestanding and supported by 6" by 6" posts set in concrete footers. The deck is not visible from the street.

Concerning the patio: It is irregularly shaped. It is approximately 216 square feet. There is six inches of sand base and the material is manufactured Rustico pavers (SAMPLE SUPPLIED). There is a separate smaller brick edge (SAMPLE SUPPLIED).

Concerning the pond: It is irregular and approximately 129 square feet. It has a rubber liner, a pump, a waterfall and a skimmer. There are natural stone decorating the edge. The pond is less than 24 inches deep.

Concerning the boulder wall: The masonry wall is curved and approximately 22 feet long. It is 18" above grade. It has an 8" concrete block core with a concrete footer. The vertical has a chocolate grey stack stone veneer (SAMPLE SUPPLIED) and a 1 inch bluestone cap.

Concerning the gazebo: It is an octagon. It is made from cedar. It is twelve feet across and is on crushed stone and anchored to the ground with permanent augers. It is approximately 14 feet high and 140 square feet.



719 Dranesville Road West side of the house looking West



719 Dranesville Road Northeast side of house



719 Dranesville Road Northwest side of house



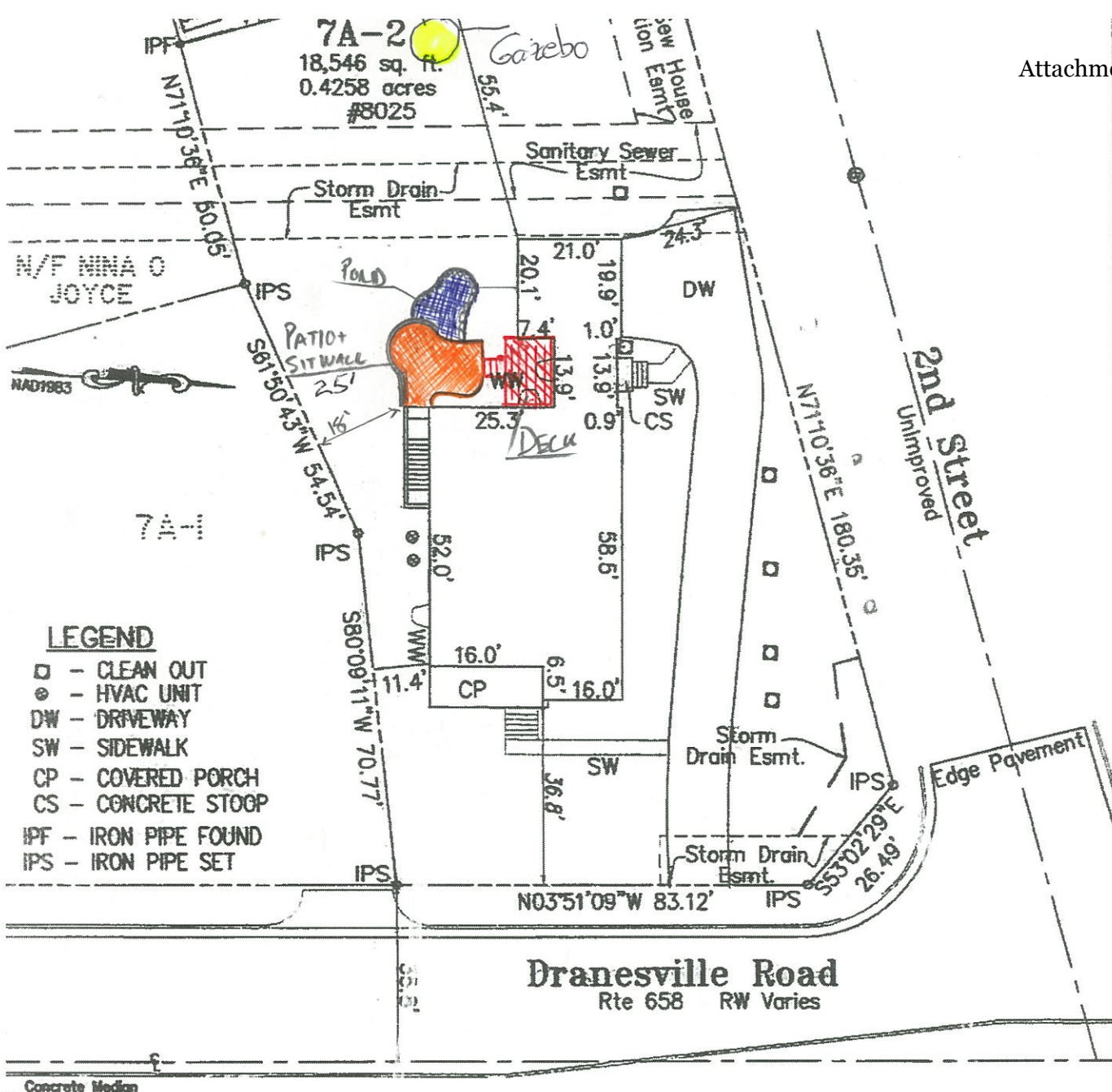
719 Dranesville Road South side of house



719 Dranesville Road Southeast side of house



719 Dranesville Road West side of the house



I HEREBY CERTIFY THAT THE PROPERTY SHOWN HEREON LIES IN FLOOD ZONE X (UNSHADED) AN AREA DETERMINED TO BE OUTSIDE THE .2% ANNUAL CHANCE FLOOD, PER FIRM 51059C 0110 E DATED SEPTEMBER 17, 2010.

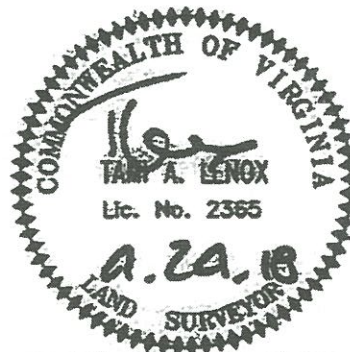
HOUSE LOCATION SURVEY

Lot 7A-2

D. VAN VLECK'S ADDITION TO THE TOWN OF HERNDON

Liber V No. 5 Pg 252 & Db 6372 Pg 1586
Db 25153 Pg 1214

DRANESVILLE MAGISTERIAL DISTRICT
TOWN OF HERNDON, VIRGINIA



ATCS, P.L.C.

ENGINEERING • PLANNING • SURVEYING
2553 Dulles View Drive, Suite 300
Herndon, VA 20171
703-430-7500 • Fax 703-430-0889

SCALE : 1"=30'
DATE : 1-19-18
DATE : 9-19-18

DRN : JL
CKD : TL
CKD :
CKD :

THIS HOUSE LOCATION SURVEY HAS BEEN PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT, THEREFORE, ALL ENCUMBRANCES MAY NOT BE SHOWN.



10000 Lakeside Highway
Channahon, IL 61018
815-267-8800

Scale:
1" = 10'-0"

POND PLANTINGS

- 1 CRABE MYRTLE
- 3 PEROVSKIA
- 5 NERBETA
- 3 IRIS
- 1 WATERLILY
- 3 GRASSES

3 ARBORVITAE 'GREEN GIGANT'
(NOT DRAWN - TO BE FLAGGED)

3 NORWAY SPRUCE
(NOT DRAWN - TO BE FLAGGED)

ROCK WALL

TOLUCCI

EX DRIVEWAY

1 PIERIS 'KATOWA'

7 GOLDTHREAD CYPRESS (TRU)

1 DOGWOOD 'KOUSA'

8 HELLERORE

2 BAPTISIA

3 KALIDINA DOM

1 VIBURNUM 'BLUE MUFFIN'

23 LINDSE GREEN

PAPER PATIO
w/ SIT WALL

TREX DECK

1 HYDRANGEA TREE

1 FOTHERGILLA

3 SPIRCA

1 BACULA

EX COVERED
PORCH

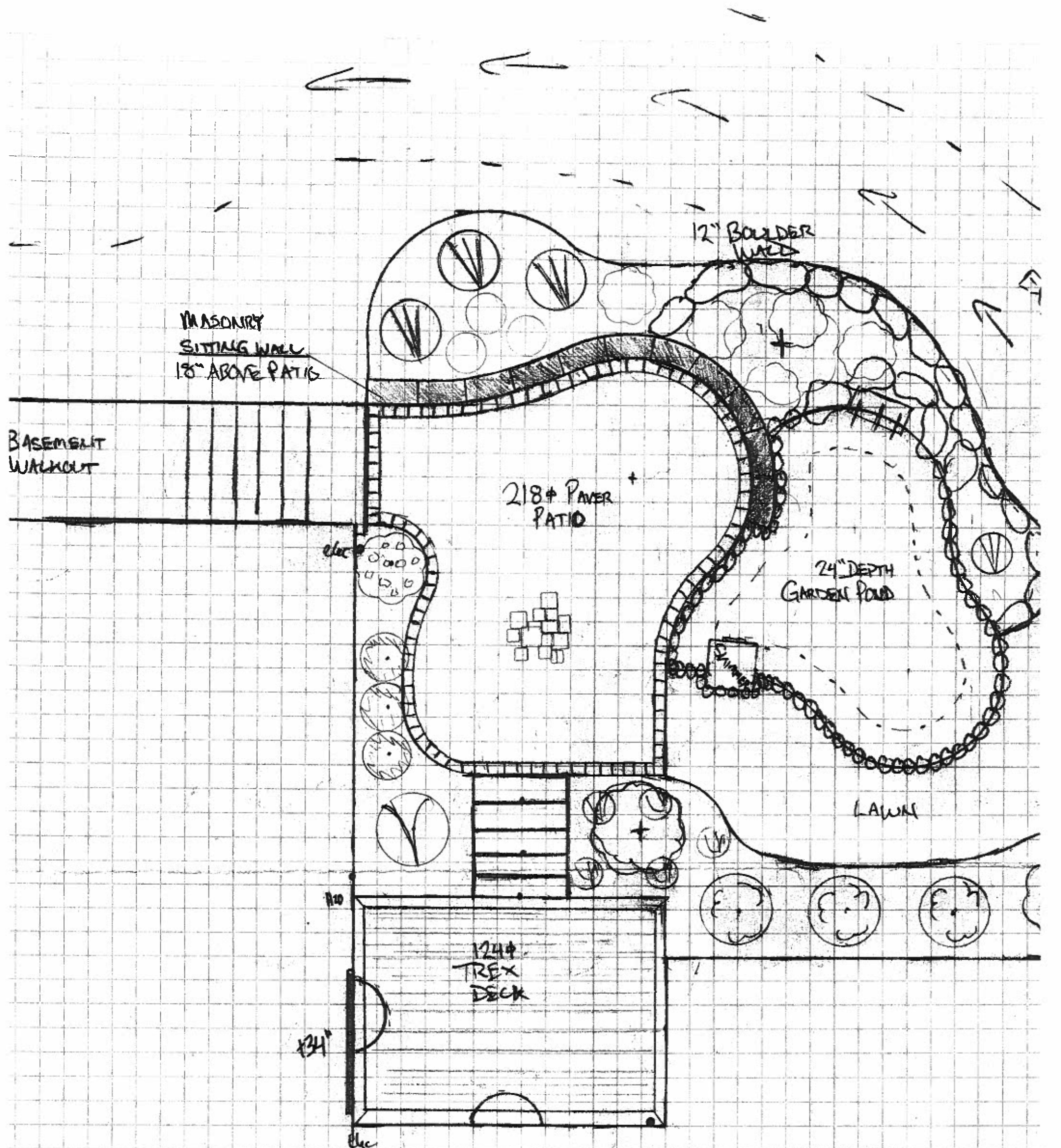
EX CONC WW

ORIENT

Designed By
1-25-19
DAKE

PLANTING SPECIFICATIONS

Planting Specifications
1. All plants to be installed by 10/1/19
2. All plants to be installed in accordance with the following specifications:
a. All plants to be installed in the ground.
b. All plants to be installed in the ground.
c. All plants to be installed in the ground.
d. All plants to be installed in the ground.
e. All plants to be installed in the ground.
f. All plants to be installed in the ground.
g. All plants to be installed in the ground.
h. All plants to be installed in the ground.
i. All plants to be installed in the ground.
j. All plants to be installed in the ground.
k. All plants to be installed in the ground.
l. All plants to be installed in the ground.
m. All plants to be installed in the ground.
n. All plants to be installed in the ground.
o. All plants to be installed in the ground.
p. All plants to be installed in the ground.
q. All plants to be installed in the ground.
r. All plants to be installed in the ground.
s. All plants to be installed in the ground.
t. All plants to be installed in the ground.
u. All plants to be installed in the ground.
v. All plants to be installed in the ground.
w. All plants to be installed in the ground.
x. All plants to be installed in the ground.
y. All plants to be installed in the ground.
z. All plants to be installed in the ground.



3 ARBOREVITAE (GREEN GIANT)
(NOT DRAWN - TO BE FLAGGED)

ADD 3 SCHIP
ADD CONDUIT

POND PLANTINGS

- 1 CRAPE MYRTLE
- 3 PEROVSKIA
- 5 NERITA
- 3 IRIS
- 1 WATERLILY
- 3 GRASSES

BOULDER WALL

TOLUNEI

PAVER PATIO
w/ SIT WALL

TREX DECK

1 FOTHERGILLA

3 SPIREA

18 AUCUBA

1 HYDRANGEA TREE

1 BUDDLEIA

1 CLEMATIS

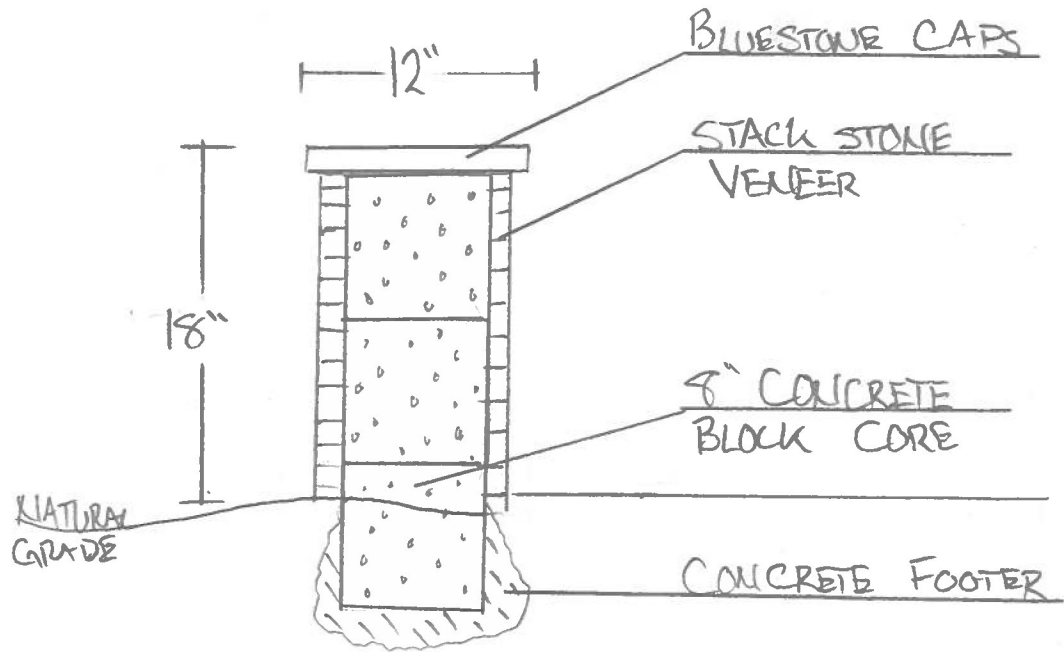
3 ALANDINA ORSESSON

1 HYDRANGEA EDLESS

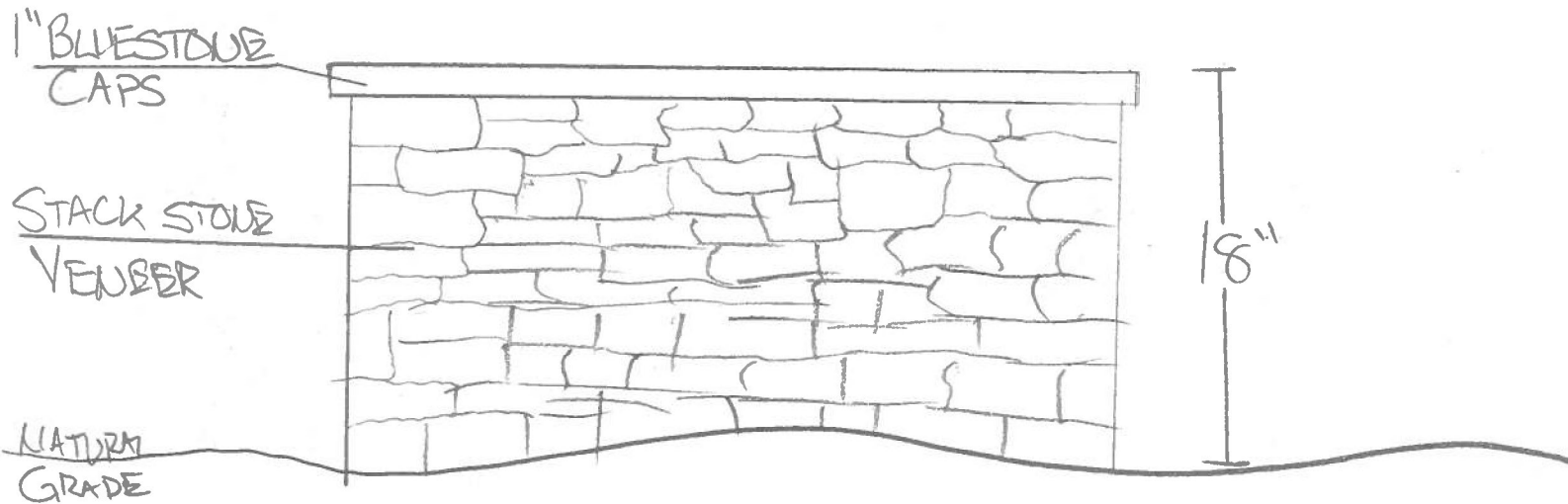
9 CAREX

DAVE
1-25-19

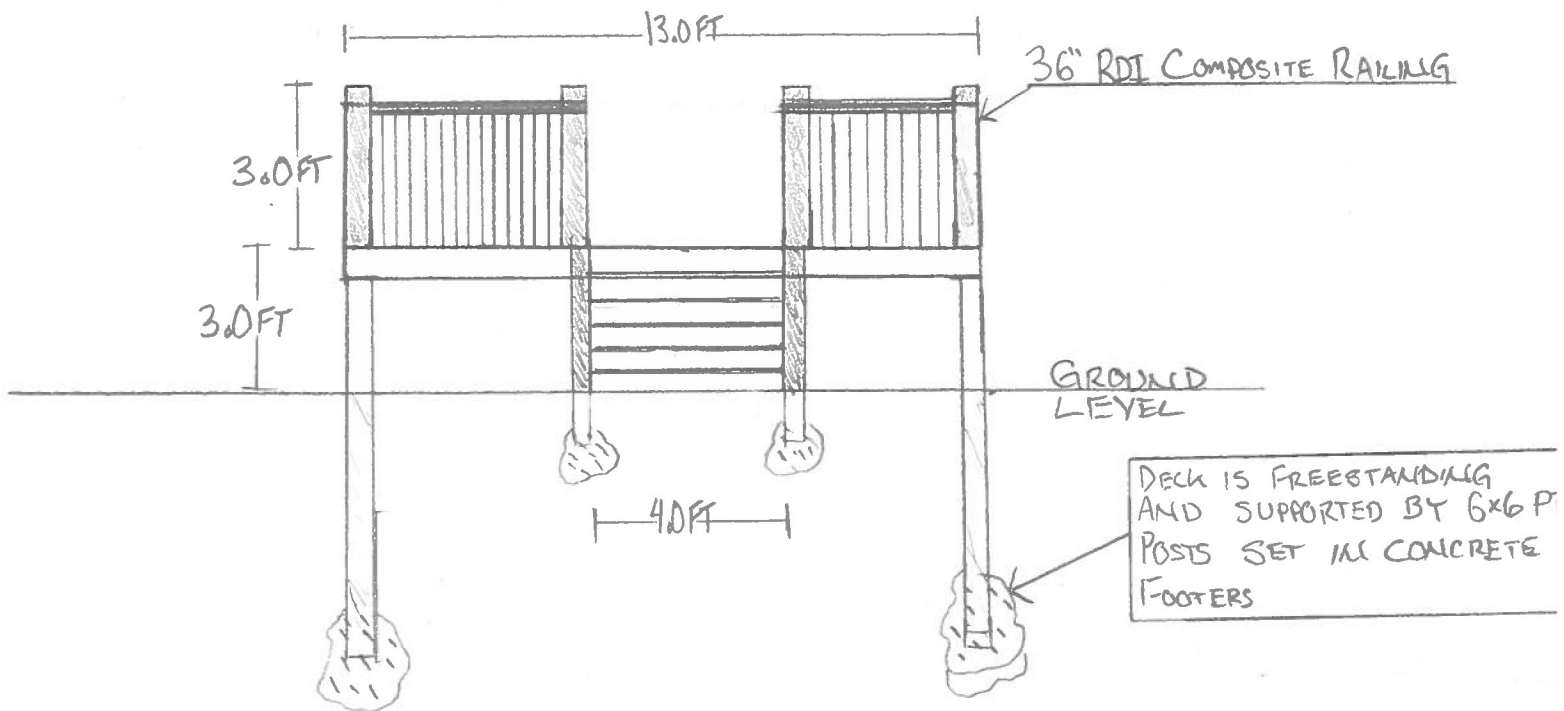
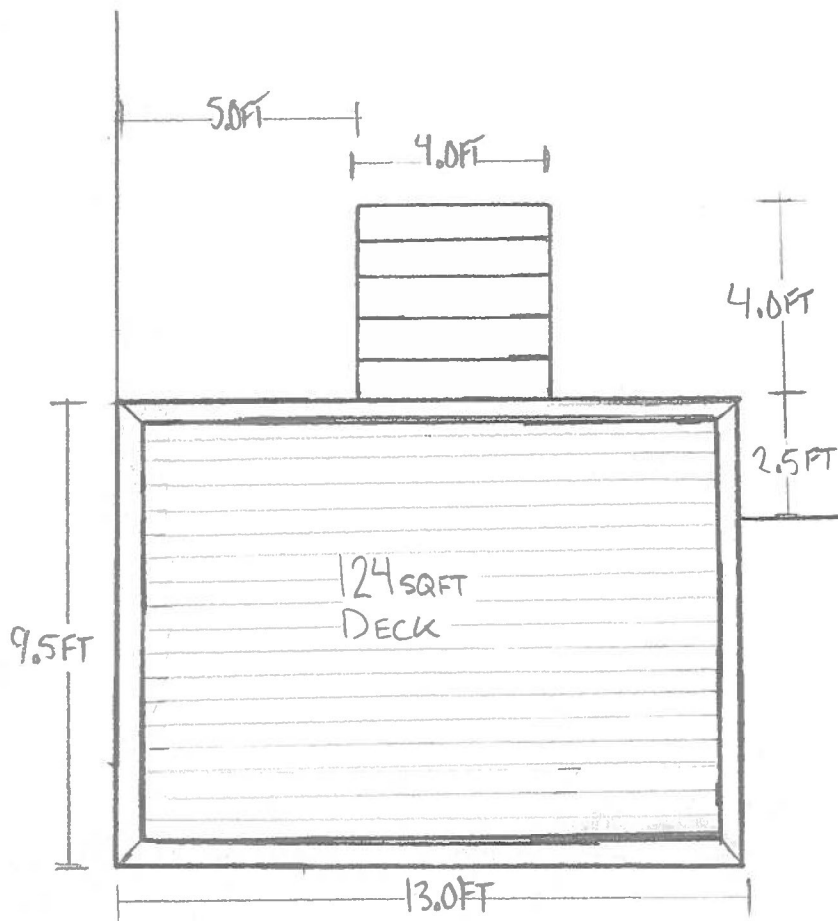
MASONRY WALL DETAIL



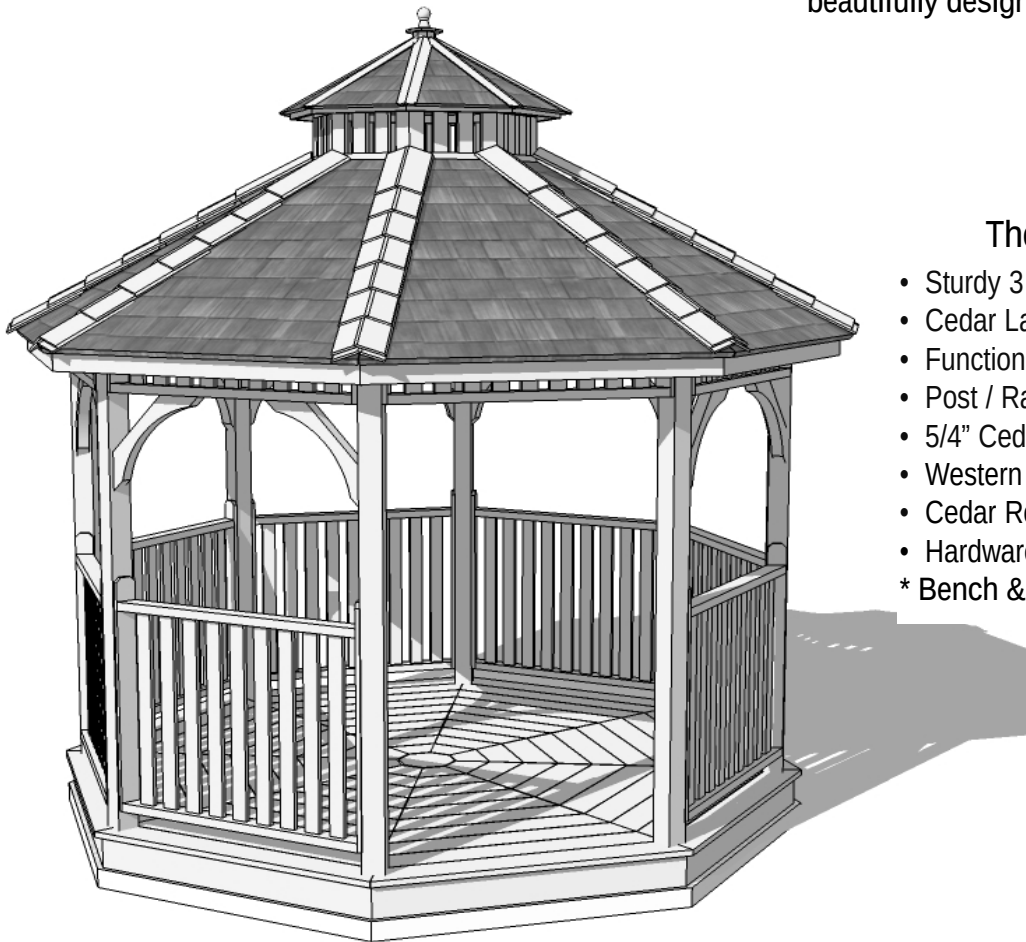
MASONRY WALL FACE VIEW



RESIDENCE



The Bayside Gazebo is the perfect gazebo marriage - beautifully designed and well crafted.



The 12' Octagon Kit Includes:

- Sturdy 3 1/2" x 3 1/2" Post and Rafter Construction
- Cedar Lap Sided Ceiling
- Functional Cupola Included
- Post / Rafter / Joists- Carriage Bolted
- 5/4" Cedar Deck Floor
- Western Red Cedar Construction
- Cedar Roof with Shingles Already Attached
- Hardware Included (carriage bolts, screws and nails).
- * Bench & Screen Options Available.

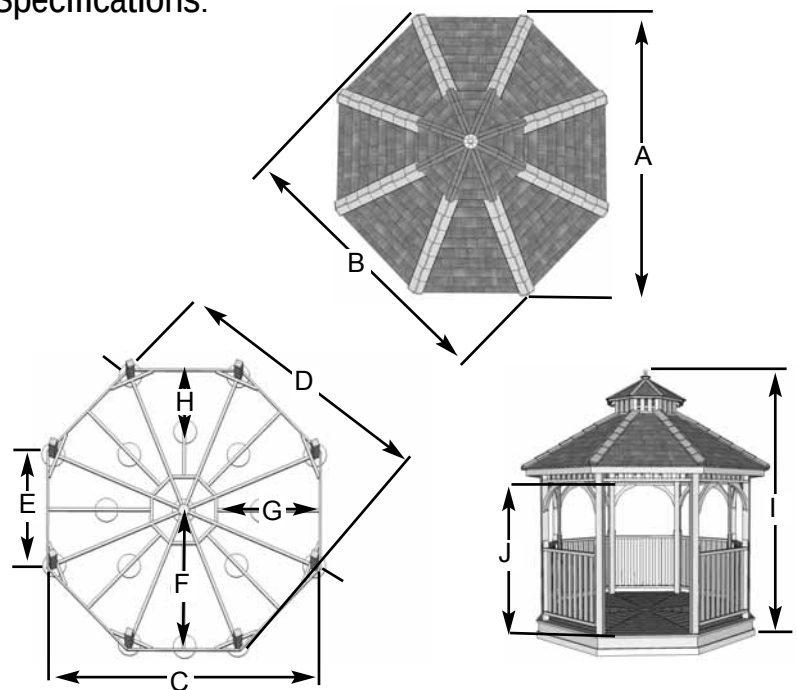
Dimensions:

- A: Side to Side Outside Roof Dimension = 159 1/4"
- B: Diagonal Outside Roof Dimension = 175"
- C: Side to Side Outside Post Dimension = 144 "
- D: Diagonal Outside Post Dimension = 156"
- E: Outside Rim Joist (longest) = 59 5/8"
- F: Outside Sidewall to Sidewall Radius = 72"
- G: Outside to Inside Rim Joist = 55 3/4"
- H: Outside to Center Pier Block = 31 3/4 "
- I: Overall Outside Height = 164"
- J: Height from Floor to Bottom of Top Rail = 72"

Materials List: 3 1/2" x 3 1/2" Posts and Rafters.
1 1/2" x 5 1/2" Floor Joists. 5/4"x 5 1/2" Decking.

Shipping Pkg#1 Size: 88"w x 52"d x 34"h
Shipping Pkg#2 Size: 96"w x 48"d x 21"h
Shipping Weight: = 1400 lbs

Specifications:





HERITAGE PRESERVATION REVIEW BOARD STANDARDS FOR DESIGN REVIEW

Excerpts from the Town of Herndon Code of Ordinances Chapter 78 – Zoning, Article VI Overlay Districts

Sec. 78-60.3. - Heritage Preservation Overlay District (HP District).

- (a) *Purpose and intent.* The heritage preservation overlay district (HP district) is intended to provide for the establishment of historic landmarks and preservation districts as a means of preserving the historical, cultural, and architectural heritage of the town and protecting designated historic resources and is adopted pursuant to the authority granted to localities by Virginia Code § 15.2-2306.
- (b) *Applicability.* No building, structure, or sign located in the HP district shall be erected, reconstructed, altered, demolished, moved, expanded or restored except in accordance with the provisions of section 78-60.3(g), certificate of appropriateness in the heritage preservation overlay district.
- (c) *District boundaries and maps.* The boundaries of the HP district shall be shown on the town's official zoning map and on the appropriate comprehensive plan maps after action by the planning commission and town council.....
- (f) *Development within the heritage preservation overlay district.* Development located within a preservation district shall be completed in accordance with the Herndon Heritage Preservation Handbook, and the following standards:
 - (1) *Alteration, restoration or reconstruction.* A certificate of appropriateness for altering, restoring, or reconstruction of a building or structure shall be approved only after considering the following standards, as well as other appropriate matters:
 - a. Whether or not reasonable effort shall be made to alter the site, building, or structure, and its environment to the minimal extent practicable.
 - b. Whether or not alteration of the original distinguishing qualities or character of a site, building, or structure and its environment and the removal or alteration of any historic material or distinctive architectural features shall be avoided to the greatest extent practicable.
 - c. Whether all sites, buildings and structures shall be recognized as products of their own time, with alterations and reconstruction to existing buildings and structures to be consistent with the original style of such buildings and structures.
 - d. Whether or not distinctive stylistic features or examples of skilled craftsmanship that characterize a building or structure or site shall be retained and restored to the greatest extent practicable.
 - e. Whether or not deteriorated architectural features shall be repaired, rather than replaced, wherever reasonably possible, and, if replacement is necessary, whether or not new materials shall match the material being replaced in composition, design, color, texture and other visual qualities to the greatest extent practicable.
 - f. Whether or not repair or replacement of missing architectural features shall, to the greatest extent possible, be based on accurate duplications of the original features, substantiated by historic, physical, or pictorial evidence, rather than on conjectural designs or the availability of different architectural elements from other buildings or structures.
 - g. Whether or not the surface cleaning of buildings and structures constituting historic landmarks shall be undertaken with the gentlest means practicable; provided, however, that

sandblasting and other cleaning methods that may damage the existing building materials shall not be approved.

- h. Whether or not partial demolition of buildings or structures within preservation districts may be approved when one or more of the existing facades are retained for the purpose of integrating new construction into existing historic buildings or structures when such is appropriate and in accordance with the intent of this article. The town does not advocate this procedure, as it goes against the Secretary of the Interior's guidelines for rehabilitation and credits would not be allowed in such projects.
 - i. Whether or not, to the greatest extent practicable, every effort shall be made to protect and preserve archeological resources within or adjacent to the heritage preservation overlay district.
 - j. Whether or not contemporary design for alterations and additions to existing buildings and structures is compatible with the size, scale, color, material, and character of the building and structures within preservation districts, and whether or not such alterations and additions would destroy significant historical, architectural, or cultural material.
 - k. Whether or not the proposed additions or alterations to existing buildings and structures shall be done in such a manner that, if such additions or alterations were to be removed in the future, the essential form and integrity of the building or structure would be unimpaired. Whenever possible, new additions or alterations to existing buildings and structures shall be done in such a manner that, if such additions or alterations were to be removed in the future, the essential form and integrity of the building or structure would be unimpaired.
- (2) *New construction.* A certificate of appropriateness for new construction of a building or structure may be approved only after considering the following standards, as well as other appropriate matters:
- a. Whether or not the design will be architecturally compatible with the historic landmarks, buildings, and structures in the heritage preservation overlay district in terms of size, scale, color, material, and character.
 - b. No specific architectural style shall be adopted or imposed in the administration of this section.
- (3) *Moving or relocating a building .* A certificate of appropriateness to move or relocate a building or structure may be approved only after considering the following, as well as other appropriate matters:
- a. Whether or not the proposed relocation may have a detrimental effect on the structural soundness of the building or structure;
 - b. Whether or not the proposed relocation would have a negative or positive effect on other historic landmarks or on other sites, buildings or structures located within the heritage preservation overlay district;
 - c. Whether or not the proposed relocation would provide new surroundings that would be compatible with the architectural aspect of the building or structure;
 - d. Whether or not the proposed relocation is the only practicable means of saving the structure from demolition; and
 - e. Whether or not the building or structure will be relocated to another site within the corporate limits of the town or to another adjacent site that is subject to preservation control.

- (4) *Demolition.* A certificate of appropriateness to demolish a building or structure may be approved, only after reviewing and considering the circumstances and conditions of the structure or building or the part proposed for demolition, and considering the following factors as well as all other appropriate matters:
- a. Whether or not the building or structure is an historic landmark or is a building within the heritage preservation overlay district that contributes to the character of the heritage preservation overlay district;
 - b. Whether or not the building or structure is of such interest or significance that it would qualify as a national or state landmark building or structure listed on the National Register of Historic Places or the Virginia Landmarks Register;
 - c. Whether or not the building or structure is of such old or uncommon design, texture or scarce material that it could not be reproduced or could be reproduced only with great difficulty and expense;
 - d. Whether or not historic events occurred in the building or structure;
 - e. Whether or not the building or structure is structurally unsound and to what extent;
 - f. Whether or not a relocation of the building or structure or a portion thereof would be to any extent practicable as a preferable alternative to demolition;
 - g. Whether or not the proposed demolition could potentially adversely affect other historic landmarks located within a preservation district or adversely affect the character of a preservation district;
 - h. If a building is damaged by a fire or other natural hazard, the building inspector shall determine if a building is structurally sound and is in imminent danger to public safety and should be demolished;
 - i. The reason for demolishing the building or structure and whether or not any alternatives to demolition exist;
 - j. Whether or not there has been a professional, economic, and structural feasibility study for rehabilitating or reusing the structure and whether or not its findings support the proposed demolition.



MEMORANDUM

To: Chairman Walker and Members of the Heritage Preservation Review Board

From: Christopher J. Garcia, AICP, Community Design Planner/Deputy Zoning Administrator 

Date: April 12, 2019

Subject: HPRB #19-11, 800 Third Street, Signs– Updated Materials

The applicant for the above referenced case, which was discussed by the Heritage Preservation Review Board at its Work Session on April 3, 2019, has provided updates to staff in response to the Board's discussion and staff report comments initially presented at the HPRB Work Session.

The revised application materials include:

- Applicant response letter describing design changes; and
- Drawing of the sign that depict the elevations revisions.

In response to the staff and Board comments, the applicant has reduced the sign width to 39 inches and increased the sign panel height to 24 inches. In addition, the overall sign height has increased to 42 inches. The overall sign area has been reduced from 8.8 square feet to approximately 6.5 square feet, an approximately 27% reduction in sign area as noted by the applicant. The applicant has indicated that the sign material will be made of cedar, but is still not clear about the dimensions of the cedar members other than 2-inch-thick cedar members. In addition, a revised site plan to show compliance with the Town's Zoning Ordinance, noted in the Staff Report dated March 29, 2019.

Staff finds that the application is still missing information regarding the specific location of the sign located along Grant Street.

Staff is recommending approval of HPRB #18-31 with the following conditions:

- 1) The overall height of the sign is reduced to 36" or less above grade;
- 2) Clarify the sizing (length and width) of the 2" thick cedar planks or panels to be used at the sign panel;
- 3) A revised sign design meeting conditions #1 and #2, and a revised site plan with the exact location of both signs accurately depicted meeting the Zoning Ordinance Section(s) related to placement of signs is submitted to staff for administrative approval to prior issuance of a Certificate of Appropriateness; and

- 4) The proposed signs shall be installed in substantial conformance with the application and supporting materials as submitted March 5, 2019, updates submitted on April 10, 2019, and any subsequent updates required by the Board in addition to Staff Recommendation Conditions #1, #2, and #3.

Thank you.

Attachment:

- 1) Applicant Letter and revised drawing

April 9, 2019

Christopher Garcia
Dept. of Community Development
Town of Herndon, VA 20170

Ref. Revision of the application for yard signs for the 800 Third Street property

Dear Mr. Garcia,

As you know, we submitted the following documents with the March 5, 2019 application for the yard signs at 800 Third Street property:

- A plat of the 800 Third Street property
- A formal application for approval of the proposed signs
- Elevations and Plans of the proposed signs, and
- A material sample showing the paints that we propose to use. Notice that these paints are identical to those that have been used by Fairfax County on its signs (see the sample).

During its work session, the HPRB suggested that the size of sign proposed on March 5th be reduced in order to respect the values of residential neighborhoods. The Board also indicated its preference for a sign with “golden proportions”.

The revised sign conforms to the HPRB suggestions. The surface area of the March 5th sign has been reduced by a little more than 27%. And, we are thrilled to propose a sign with golden proportions.

Two additional issues arose at the work-session. There was considerable discussion of the proposed colors for the signs. Once the HPRB examined the sample provided by us, it accepted the proposed colors. Accordingly, we decided to not give any further consideration to this issue.

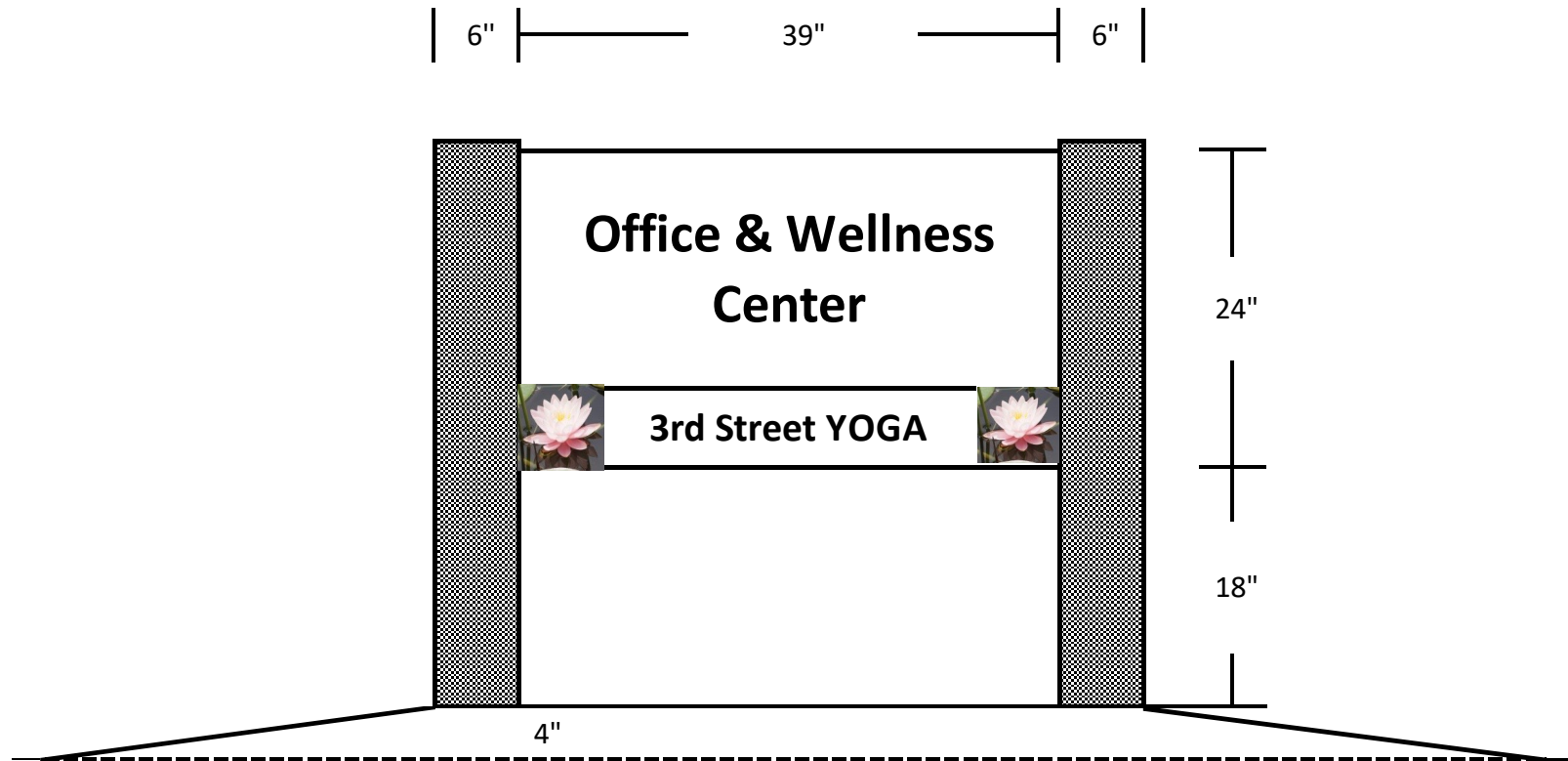
During our conversation, you indicated that the location of the sign in the rear yard must conform to the zoning regulations, that is, no part of the sign must be closer than 5' from the lot's eastern boundary. We shall comply with this requirement during the installation and will ask the Town to inspect the location of the sign, before and after it has been installed. We find it too burdensome to once again revise and submit 8 copies of the site plan showing the correct location, which will be exactly 5' west of the location shown in the plan submitted on March 5th.

Except for the three issues discussed above, the application submitted on March 3, remains unchanged. I, once again, want to reiterate that (1) all parts of the sign will be made of Cedar and the central board would be 2" thick (nominal). We thank you for your kind consideration.

Sincerely,

Policy Planning & Evaluation, Inc.

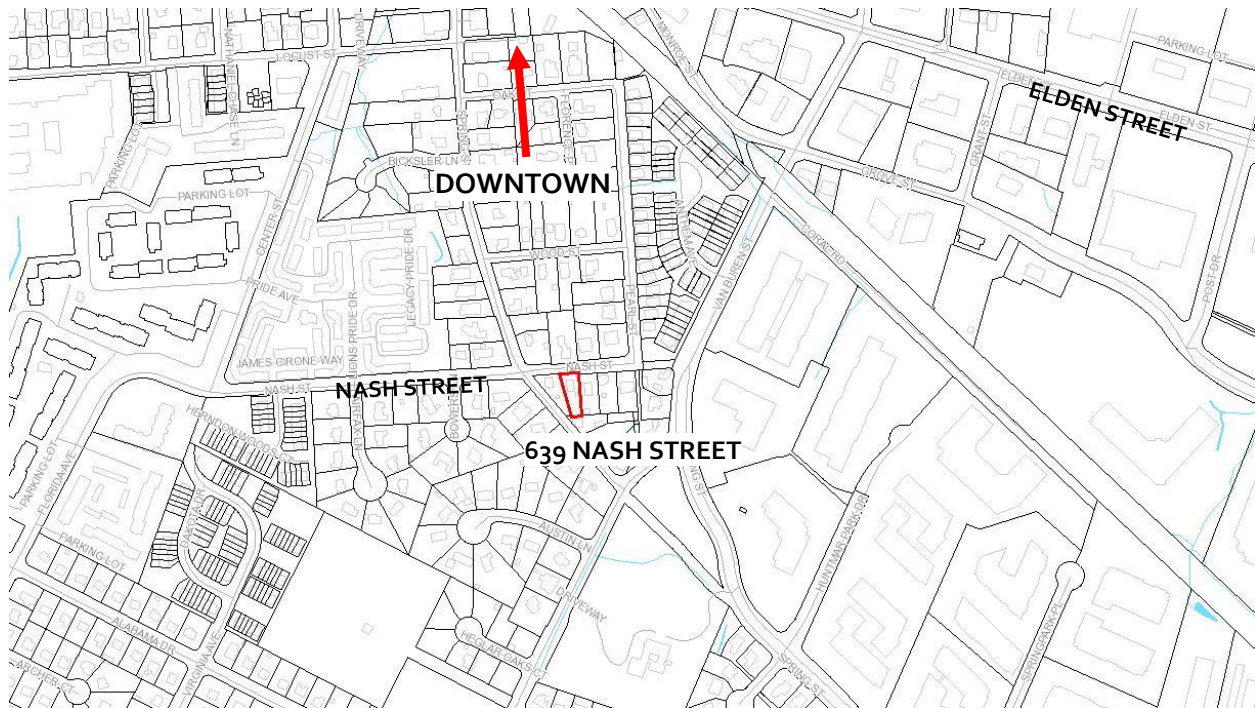
Jasbinder Singh
President



Revised Design of the Sign for the Property at 800 Third Street
(April 9, 2019)

Case Number & Type: HPRB #19-12; Alterations
Case Summary: Replace existing vinyl siding and existing columns with new cementitious fiber board siding and new PVC wrapped columns
Case Location: 639 Nash Street, Dranesville Subdivision

Location Map



Property Information

Applicant/Owner:	Amelia Fine-Morrison and James Brew		
Agent:	N/A		
Business/Organization:	N/A		
Property Use:	Single Family Residential		
Zoning District:	R-10, Residential Single Family	HPOD Designation:	Non-contributing
Adjacent Zoning:	North: R-10, Residential Single Family South: R-10, Residential Single Family	East: R-10, Residential Single Family West: R-10, Residential Single Family	
Adjacent Property HPOD Designation:	North: Contributing South: Contributing	East: Contributing West: Contributing	
Associated Cases:	N/A		
Building Type(s):	Single family residential	Date of Construction:	Circa 1951
Architectural Style(s):	English Colonial Revival, Cottage		

Exterior Material(s):	Composite: vinyl siding, vinyl windows, wood porch, asphalt shingled roof
Neighborhood Design Profile:	Suburban single family residential

Case Details

Case Description:

This application proposes to remove all of the existing deteriorating vinyl siding and replace with new Hardieplank ® *Cedarmill* 6” lap siding in a Light Mist color. The proposed finish color most closely resembles the Benjamin Moore *Cliffside Gray* HC-180 as found within the Town’s pre-approved color selections for structures within the Town’s Heritage Preservation Overlay District.

In addition, the applicant will replace four deteriorating round wood columns on the front elevation (porch area) with new, presumably, 4” X 4” wood posts wrapped with 6 5/8” square formed Polyvinyl chloride (PVC) columns to remain white in color(Attachments #1, 2, 3, and 4).

This residential structure is a non-descript cottage styled home common to the 1950’s and 1960’s and is a non-contributing structure to the Heritage Preservation Overlay District due to the numerous alterations over time as well as being outside of the district’s period of significance. As noted this English Colonial Revival Cottage is reminiscent of a time where homes were significantly smaller and more utilitarian than present day. The structure is clad in vinyl siding, and possesses vinyl windows that have been altered over time. In addition various doors have been added or changed, as well as, a shingled roof which has also seen alterations over the past decades (Attachment #5).

Case Background:

Staff has nothing significant to report regarding background of this case.

Applicable Design Guidelines & Criteria:

- Town Zoning Ordinance Section 78-60.3. - Heritage Preservation Overlay District (HP District) (Attachment #6)
- Town of Herndon Heritage Preservation Handbook, Chapter 19 Guidelines for Synthetic Siding (Pages 93-94)
- Town of Herndon Heritage Preservation Handbook, Chapter 10 Guidelines for Residential Building Rehabilitation Design (Pages 63-65)

Staff Analysis

1. The proposed alterations are in general conformance with the Heritage Preservation Handbook, Chapter 19 Guidelines for Synthetic Siding. While the asbestos siding that pre-dates the current vinyl siding that is on the structure today may have been original to the structure, replacement of that potentially original siding is not possible and the replacement of the vinyl siding not original to the house is also not a preferred solution. Thus, the introduction of cementitious fiber

board is preferable to either of the previous materials that can be readily identified historically. While the 6” inch reveal of the proposed Hardieplank® may not match the profile and texture of either of the previous exterior wall materials, the proposed lap siding is likely a happy medium that maintains the overall character of the structure.

However, the *Cedarmill* Hardieplank® profile and texture tends to over-state or over-accentuate wood grain texture that appears contrived and less in keeping with traditional wood plank siding which appears smoother in texture. Staff recommend that the applicant and the Board consider the selection of the Smooth or Colonial Smooth profiles within the Hardieplank® Lap Siding Series (Attachment #4).

2. As documented in the 1987 Historic District Survey Form (Attachment #5) for this property, square columns are visible on the front porch at the time of the survey. There is no empirical evidence that these square posts were original to this structure; however, during the time period of the historic district survey indicates the turned posts and square columns were common front porch/entry features of similarly styled homes along Nash Street, though Doric (round) columns do appear elsewhere in the district as well. Thus, the return to a square column is an appropriate design solution at this location and is similar to other homes as noted in the application materials.

Staff also has some concerns about the smooth texture of the Fypcon® PVC wrap being proposed that may resemble a “plastic” finish when installed. Staff recommends consideration of fiberglass or cellular PVC that offer texture options and paint-ability that would resemble the wood of the previous column design(s) when finished. In addition, a properly designed, installed and maintained wood column would be an appropriate design to solution that can have the same durability as many synthetic products. Staff believes these design alternatives offer a higher quality solution to express an important character-defining feature of this residential structure.

3. Section 78-60.3(f) of the Zoning Ordinance requires the HPRB to consider specific criteria/standards when reviewing applications (Attachment #6). Based on the evaluation of each criteria, staff finds the proposed alterations will improve the overall visual appearance of this residential structure meeting the intent of the evaluation criteria in the reference section of the Town’s Zoning Ordinance. However, staff has concerns regarding the proposed materials and details as they relate to alteration, restoration or reconstruction criteria, specifically Section 78-60.3(f)(1) (c), (d), and (j).

Staff Recommendation:

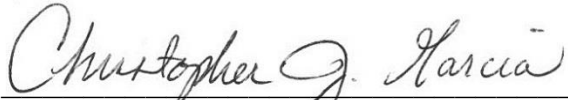
Motion Alternatives:	1. Motion to deny the application. 2. Motion to approve the application as submitted. 3. Motion to approve with condition(s). 4. Motion for continuance of the public hearing to a date certain or the next HPRB Public Hearing for action to address a specified design issue or concern of the Board
Recommended Motion:	Motion for approval of HPRB #19-12, in accordance with Alternative #3, with the following conditions: 1. Selection of a smoother, textured siding profile that does not overaccentuate the wood texture to be submitted to staff prior to issuance of a Certificate of Appropriateness; 2. Selection of an alternative column wrap or column material to more closely resemble a traditional wood column to be submitted to staff prior to issuance of a Certificate of Appropriateness; and 3. The proposed alterations shall be installed in substantial conformance with the application and supporting materials as submitted March 11, 2019 and subsequent updates required by the Board.

Report Attachments

1.	Aerial Image
2.	Applicant Letter
3.	Site Photos and Existing Conditions
4.	Materials Information
5.	1987 Historic District Survey Form (f)
6.	Town's Zoning Ordinance, Section 78-60.3.

Staff Contact

Name/Title:	Christopher J. Garcia, Community Design Planner
Phone/Email:	(703)787-7380; christopher.garcia@herndon-va.gov



Christopher J. Garcia
Community Design Planner



Bryce A. Perry
Deputy Director



SITE LOCATION – AERIAL PHOTO



Imagery prepared by Town of Herndon
Department of Community Development
Image source: Google Earth © 2018

639 Nash Street | Herndon, VA 20170

James Brew & Amelia Fine-Morrison

Date: February 11, 2019

Town of Herndon

Historic Preservation Review Board

HPRB Existing Structure Alteration Request:

In attempt to improve the historic integrity and exterior quality of our non-contributing structure, 1950's home at 639 Nash Street, we would like to replace the existing 1980's installed white vinyl siding. The vinyl will be replaced with James Hardie 6" lap siding in Light Mist. Where needed the trim will be replaced with in-kind white trim.

The siding color selection matches most closely to Benjamin Moore's historical color Cliffside Gray HC - 180.

At the same time, the aging and improperly installed front porch columns will also be replaced to traditional square, matching neighbor's style. The proposed columns would remain white, and replaced with white Fypcon plain, 6" 5/8" Non-Tapered Columns.

The goal in this upgrade is to replace the brittle and damaged existing material with a protecting and esthetically attractive material, in keeping with the home and the neighborhood.

Sincerely,

James Brew & Amelia Fine-Morrison

639 Nash Street

HPRB Siding Alternation Request



Front, Nash St. Facing



Left Side



Left Side



Back



Right side, neighboring lot (641 Nash St. /
Spring Street) facing



Rear



Current brittle damaged siding

Column Replacement Overview



Current tapered columns



Proposed square replacement columns

Neighboring homes with similar color and material treatment



Neighboring homes with similar color and material treatment



HardiePlank®

HardiePlank® Lap Siding Product Description

HardiePlank lap siding is factory-primed fiber-cement lap siding available in a variety of styles and textures. Please see your local James Hardie® product dealer for product availability. HardiePlank® lap siding comes in 12-ft. lengths. Nominal widths from 5 1/4 in. to 12 in. create a range of exposures from 4 in. to 10 3/4 in.

HardiePlank lap siding is also available with ColorPlus® Technology as one of James Hardie's prefinished products. ColorPlus Technology is a factory applied, oven-baked finish available on a variety of James Hardie siding and trim products. See your local dealer for details and availability of products, colors and accessories.



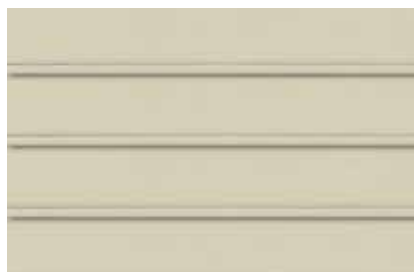
Cedarmill®



Smooth



Beaded Cedarmill®



Beaded Smooth



Colonial Roughsawn



Colonial Smooth



General
Product
Information

Working
Safety

Tools for
Cutting and
Fastening

General
Installation
Requirements

General
Faster
Requirements

Finishing and
Maintenance

HardieWrap®
Weather Barrier

HardieTrim®
Boards/Battens

HardieSoffit®
Panels

HardiePlank®
Lap Siding

HardieShingle®
Siding

HardiePanel®
Vertical Siding

Appendix/
Glossary

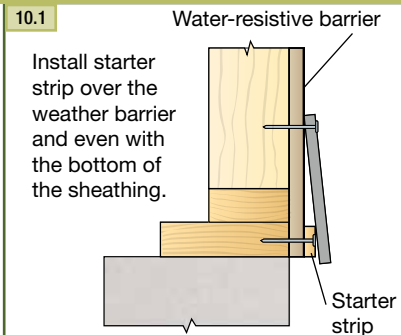
ESR-1844 &
2290 Report

Installation of HardiePlank® Lap Siding

INSTALL A STARTER STRIP

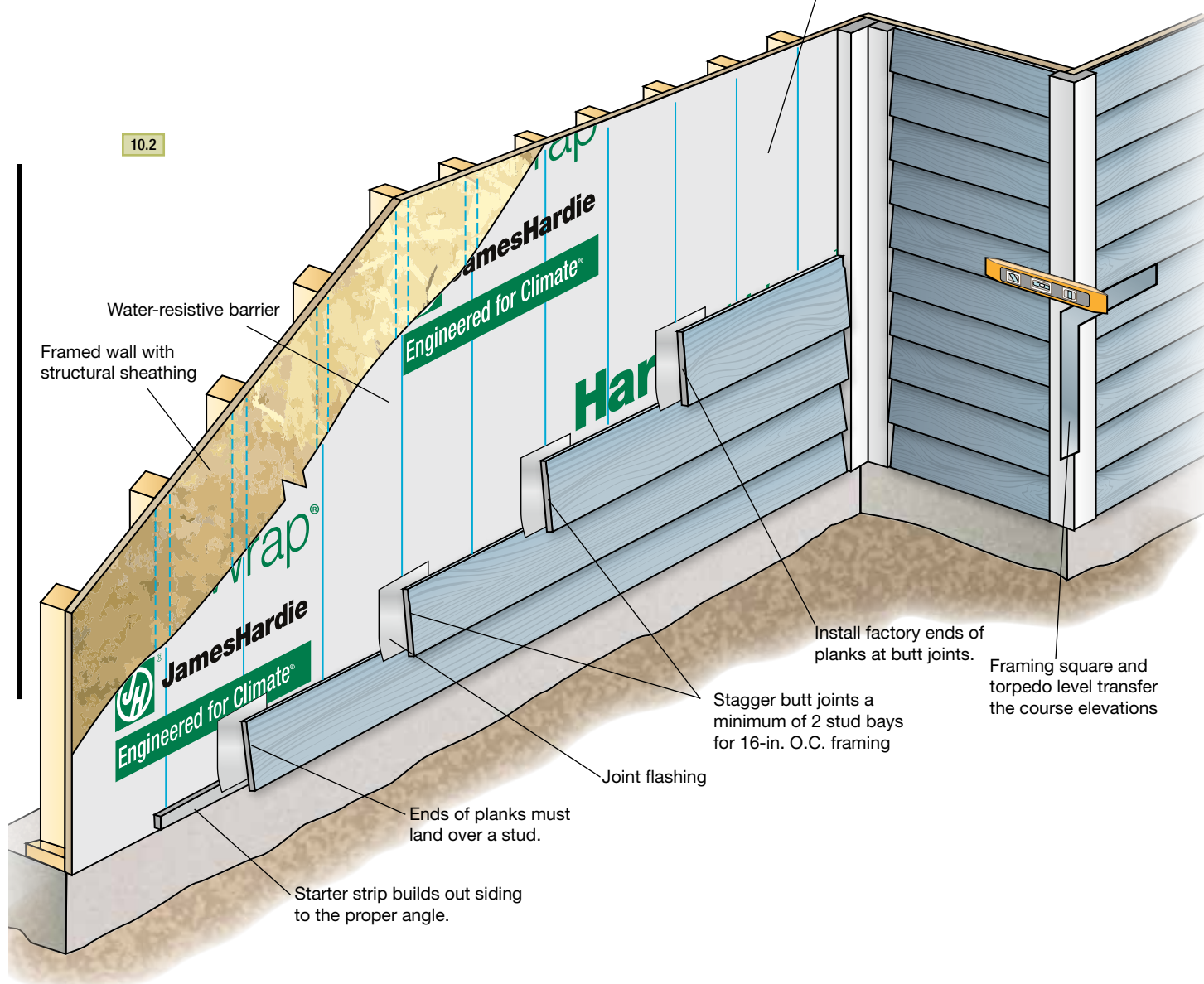
HardiePlank® lap siding requires a starter strip beneath the first course to set it on the proper angle and to create a proper drip edge at the bottom of the siding. Starter strips are easily made by ripping $1\frac{1}{4}$ -in. pieces of HardiePlank siding from full or partial planks.

The bottom of the starter strip should be installed even with the bottom of the mudsill or the bottom edge of the sheathing. The strip must be installed over the water-resistive barrier, but occasional gaps should be left in the starter strip to allow any accumulated moisture behind the siding to drain away safely.



OVERVIEW OF HARDIEPLANK LAP SIDING

TIP: For accurate fastening, snap vertical chalk lines on the water-resistive barrier at the center of every stud location.



INSTALLING THE PLANKS

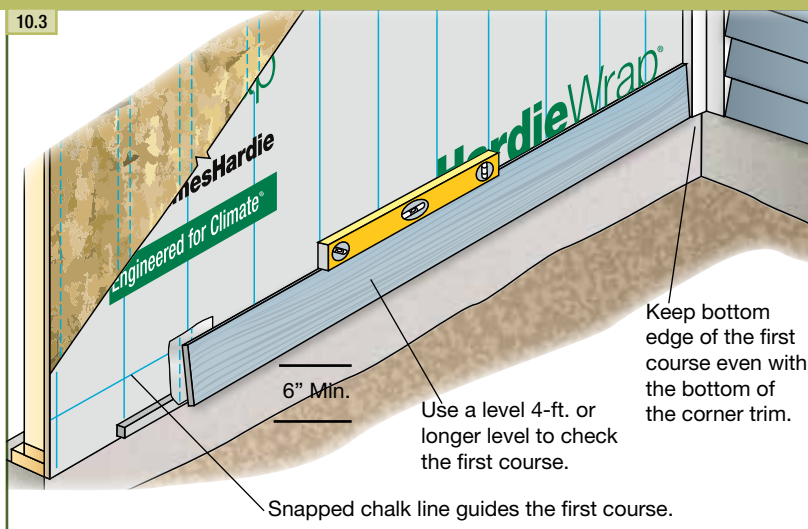
The first course of HardiePlank® siding is critical to the proper installation of the plank on the rest of the building. The first course should start at the lowest point of the house and within required clearances. Special attention should be made to ensure that it's straight and level. Attention should also be paid to staggering any butt joints in the planks so that the installation is attractive while making efficient use of material.

- 1) Use a level (4-ft. or longer) or chalked level line to be sure that the first course is level.

As installation proceeds up the wall, periodically check the level and straightness of the courses. When correcting for flatness over products such as exterior insulation, use drywall shims. It is good practice to snap a chalk line every 3 to 5 courses to keep the planks straight and level.

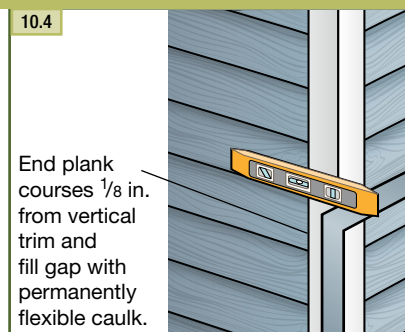
- 2) Position the bottom edge of the first course of siding a minimum 1/4-in. below the edge of the starter strip (maintain required clearances) and secure.
- 3) Run the siding to the HardieTrim® board leaving a 1/8-in. gap between the siding and trim.

The bottom of the siding should be kept even with the bottom of the trim, or if desired, the trim may extend below the bottom of the siding. But the siding should never hang below the trim. ***When installing the first course make sure ground clearances are in accordance with James Hardie requirements and those of local codes.**



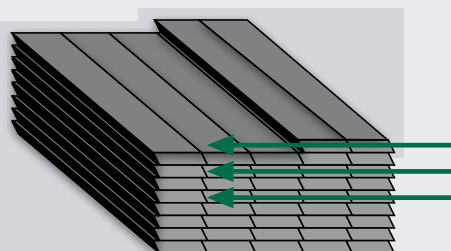
PLANK ALIGNMENT AT CORNERS

For the best looking installation, make sure that the heights of the plank courses match on both sides of a corner. Use a framing square, speed square or a level to match up the plank heights. Check every few courses to make sure proper heights are being maintained.



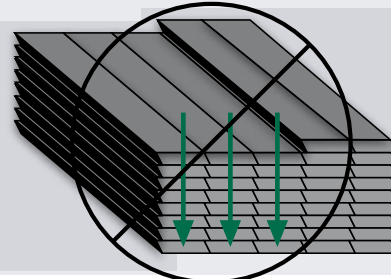
Pull from across the stack

Pull from across the stack



Do not go down the stack

Do not go down the stack



TIP: When taking planks from the pallet installation, avoid repeating the texture pattern by working across the pallet. Two to four planks can be removed from a stack at one time. But then material should be taken from adjacent stacks, again working across the pallet. Texture repeat is typically a concern on large walls with few breaks such as windows or doors.

Installation of HardiePlank® Lap Siding (continued)

BLIND NAILING (nailing through top of plank)

Blind nailing is recommended for installing any type of HardiePlank® lap siding including ColorPlus® siding. With blind nailing, each course covers the fasteners on the course below, which provides a better looking installation.

For blind nailing HardiePlank lap siding, James Hardie recommends driving

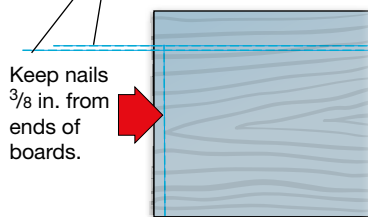
fasteners 1" from the top edge of the plank. Additionally fasteners should be placed no closer than $\frac{3}{8}$ in. from the ends of the plank.

Avoid placing fasteners near the top edge of the plank. This practice, called "high nailing", may lead to loose planks, unwanted gaps or rattling. **Pinning of butt joints with a finish nail may be done for aesthetic purposes only. The finish nail should be nailed flush to the surface (not countersunk), must be fully corrosion resistant (e.g. galvanized or stainless) and does not provide any structural support.**

10.5 Blind nailing measurements

Nails for blind nailing shall be between $\frac{3}{4}$ " and 1" from the top of the board.

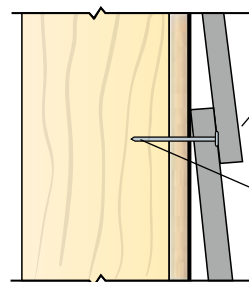
Keep nails $\frac{3}{8}$ in. from ends of boards.



10.6 Blind nailing

Fasteners are hidden by the course above.

Nails are driven through the sheathing into the studs.



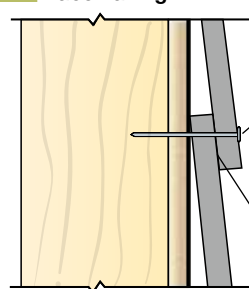
FACE NAILING (nailing through the overlap at the bottom of the plank)

Although blind nailing is recommended by James Hardie, face nailing may be required for certain installations including: installations in high wind areas, fastening into OSB or equivalent sheathing without penetrating a stud, or when dictated by specific building codes. Refer to Appendix D for related code matters.

10.7 Face nailing

Exposed fasteners are driven through the face of the boards.

Drive fasteners only where planks overlap



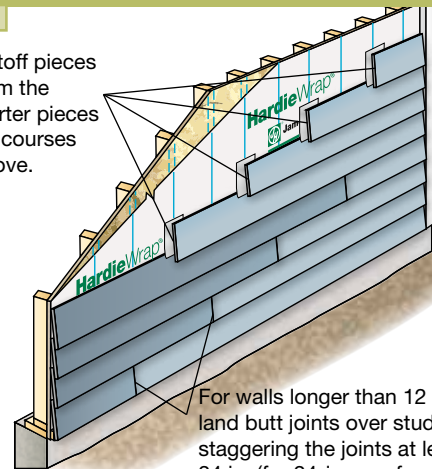
STAGGERING THE BUTT JOINTS

For walls longer than 12 ft., it is necessary to butt joint additional lengths of HardiePlank siding. These butt joints should be staggered to avoid noticeable patterns, which is determined by the placement of the first course. Butt joints between consecutive courses should be spaced apart by at least two stud bays for 16-in. o.c. framing or one bay for 24-in. o.c. framing.

While random placement of the planks is usually the most aesthetically pleasing, a progressive stagger pattern can make the job easier and faster without the pattern becoming too noticeable. With this strategy, the cut off piece for one course becomes the starter piece for a course above, making efficient use of materials and ensuring that all butt joints land on studs. The pattern can be modified for different stud placement.

10.8

Cutoff pieces form the starter pieces for courses above.



For walls longer than 12 ft. land butt joints over studs, staggering the joints at least 24 in. (for 24-in. o.c. framing) or 32 in. (two stud bays for 16-in. o.c. framing).

JOINT FLASHING

One or more of the following joint treatment options are required by code (as referenced 2009 IRC R703.3.2)

- A. Joint Flashing (James Hardie recommended)
- B. Caulking* (Caulking is not recommended for ColorPlus for aesthetic reasons as the Caulking and ColorPlus will weather differently. For the same reason, do not caulk nail heads on ColorPlus products.)
- C. "H" jointer cover

Flashing behind butt joints provides an extra level of protection against the entry of water at the joint. James Hardie recommends 6-in. wide flashing that overlaps the course below by 1 in. Some local building codes may require different size flashing.

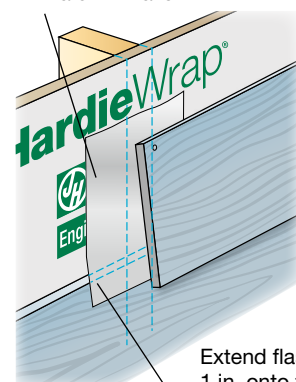
Joint-flashing material must be durable, waterproof materials that do not react with cement products. Examples of suitable material include finished coil stock and code compliant water-resistive barriers. Other products may also be suitable.

TIP: Joint flashing can be quickly and easily made by cutting a 6-in. wide section off a roll of housewrap. Tape the roll tightly at the cut mark and cut the section off using a miter saw with a carbide blade. Individual sheets then can be cut to length with a utility knife.

TIP: Use light-colored joint flashing when using light-colored ColorPlus lap siding or other siding with a light-colored finish. Dark-color joint flashings should be used on siding with dark finishes.

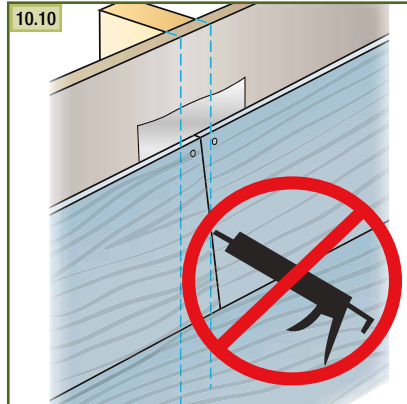
10.9

Flashing behind to add an additional layer of protection from water infiltration



Extend flashing 1 in. onto the course below

10.10



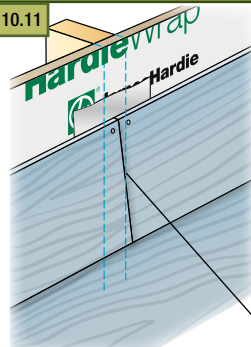
Caulking at HardiePlank lap siding butt joints is not recommended for ColorPlus for aesthetic reasons as the caulking and ColorPlus will weather differently. For the same reason, do not caulk exposed nail heads. Refer to the ColorPlus touch-up section for details

JOINT PLACEMENT AND TREATMENT

Butt joints in HardiePlank lap siding should always land on a stud. Butt joints between studs are not recommended and should be avoided. Whenever possible, factory-finished ends should be used at butt joints.

Place cut ends where the siding meets a corner, door, window trim, or other break in the wall where the joint is to be caulked. If cut ends are used in a butt joint between planks, James Hardie requires sealing cut ends for all products. For ColorPlus products, use the color-matched edge coater to seal the cut end.

10.11



Butt planks with moderate edge contact

COLORPLUS® TIP: When installing HardiePlank lap siding with ColorPlus Technology, position the plank in the immediate area where the plank is to be fastened. Do not place the plank on the course below and slide into position. Doing so may scuff or scratch the ColorPlus finish on the installed piece.

Installation of HardiePlank® Lap Siding (continued)

CONTINUING THE INSTALLATION

Once the initial course of HardiePlank® siding is fastened to the wall, continue installing successive courses with full 12-ft. pieces (follow the stagger pattern for longer walls), or until a window, door or other opening interrupts the course (fig 10.12). Notch planks as needed to fit around windows and doors. Again, be sure to seal all cut edges. Avoid placing butt joints directly above or below windows or above doors. Separate the joint from the opening by at least one course of siding.

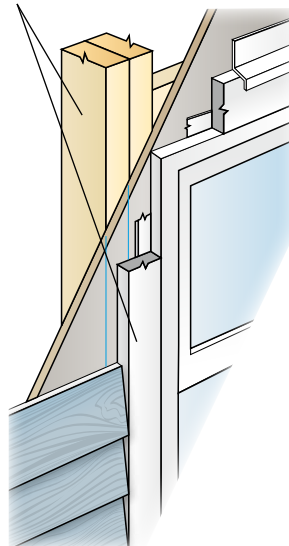
Where butt joints land on a stud, make sure there is enough stud space for plank on both sides of the joint to land properly. Optimally both sides of a butt joint should land in the middle of a stud with $\frac{3}{4}$ in. landing space for each side. The minimum stud space for a plank to land is $\frac{3}{8}$ in.

Pay special attention to window, doors, and corners that have been trimmed before the siding goes on. Vertical trim boards may cover the king studs beside windows or doors, or they may cover up corner studs leaving no room for nailing the siding. In these places add extra studs as needed.

If corners are trimmed with HardieTrim® 5/4, 4/4 boards, it may be necessary to measure and cut the first pieces of siding to make sure the butt joints land on studs.

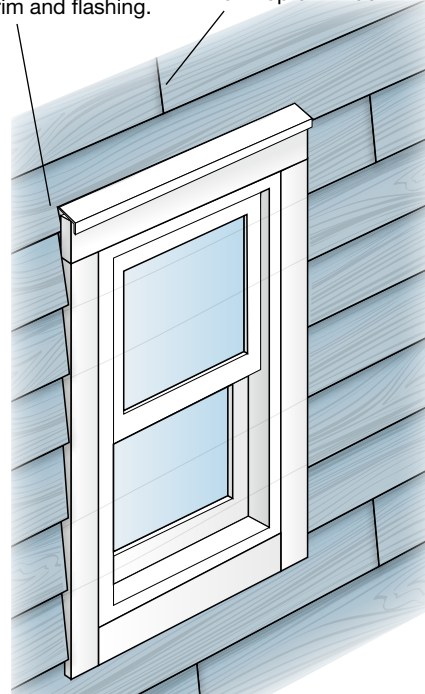
10.12 Plancking around windows

Add an extra stud if necessary for nailing the ends of the planks.



Notch plank around window trim and flashing.

Keep butt joints more than one course away from top of window.



COLORPLUS TIP: HardiePlank lap siding with ColorPlus Technology is shipped with a protective laminate slip sheet, which should be left in place during cutting and fastening to reduce marring and scratching. The sheet should be removed immediately after each plank is installed.



INSTALLING HARDIEPLANK® SIDING ON GABLE WALLS

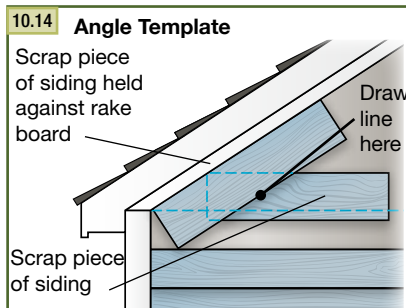
Siding gable walls can be challenging, and some of the keys to siding gable walls efficiently are determining the angle or pitch of the roof, properly staging materials, and ensuring that the plank lengths are measured accurately.

To estimate the amount of siding needed to complete a gable end, use the estimating tools located in Appendix C.

Stage enough material on the pump jacks or scaffolding to complete the gable end, but take care not to overload the staging. When possible, a cut table should be located on the pump jacks or scaffolding, which frees up crew members to work on other walls.

To cut planks for the gable:

- 1) Tack up a small scrap piece of siding where the first gable course is going.
- 2) Hold a second small piece of siding against the eave or rake board.
- 3) Trace the angle onto the scrap.
- 4) Cut that line and label the scrap as the template for the gable angle. The template can then be used to transfer the angle onto the larger pieces for cutting and installation.
- 5) Periodically check the angle as you progress up the wall.



10.13 Tip for fast gable installation

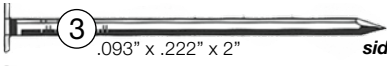
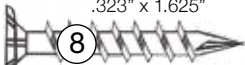
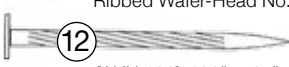
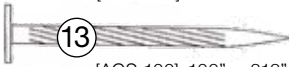
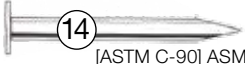
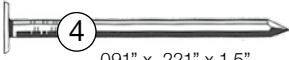
- 1 Measure, cut and fit lowest gable plank using gable angle template.
- 2 Before installing, measure down the 1 1/4-in. overlap at the top of the board.
- 3 Place a plank for the next piece on the overlap lines and mark the length.
- 4 Draw the angle, cut and repeat the process for the next course.

The quickest way to measure and cut consecutive courses of siding for a gable is to work off the previous piece.

- 1) Cut and fit the lowest course of siding.
- 2) Before installing, lay it flat and measure down 1 1/4-in. from the top edge of the plank for the course overlap. Make a mark on both ends.
- 3) Set a piece of uncut siding on top of the first piece, aligning the bottom edge with the overlap marks. Transfer the length directly to the uncut piece.
- 4) Draw the gable angle with the template, cut the angle and then repeat the process for the next course.

HARDIEPLANK® SIDING FASTENER SPECIFICATIONS

The Fastener Specifications table shows fastener options for a variety of different nailing substrates. Please refer to the applicable ESR report online (see back page) to determine which fastener meets your wind load design criteria.

Fastener Substrate			Approved Fastener	Fastener Type
wood studs	blind nail	16" o.c.		 ② .113" x .267" x 2" — 6D common
		24" o.c.	③ ⑨ ⑬	 ③ .093" x .222" x 2" 6D siding nail
	face nail	16" o.c.	② ⑤	 ⑨ No 11ga 1.25" long — roofing nail
		24" o.c.	② ⑤	 ⑦ Ribbed Bugle-Head No. 8 .323" x 1.625" screws
steel studs*	blind nail	16" o.c.	⑧ ⑬	 ⑧ Ribbed Wafer-Head No. 8 (.375" x 1.25")
		24" o.c.		 ⑫ [AKN-100] .100" x .25" x 1.5" ET&F
	face nail	16" o.c.		 ⑬ [AGS-100] .100" x .313" x 1.5"
		24" o.c.	⑦ ⑫	 ⑭ [ASTM C-90] ASM-144-125 (P/C) .30" x .14" x 1.25" — masonry nail
		Direct to Masonry		⑭
7/16" OSB or equivalent (face nailed)		④	 ⑬ No 11ga 1.75" long roofing nail	
			 ④ .091" x .221" x 1.5" — 4D siding nail	

*When blind fastening 9.5" or wider product onto steel studs, use screws.

● indicates recommended fasteners

TIP: Stainless steel fasteners are recommended when installing James Hardie® products.

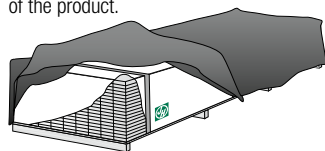
**SELECT CEDARMILL® • SMOOTH • CUSTOM COLONIAL™ SMOOTH • CUSTOM COLONIAL™ ROUGHSAWN
CUSTOM BEADED CEDARMILL® • CUSTOM BEADED SMOOTH • STRAIGHT-EDGE SHINGLE PLANK**

IMPORTANT: FAILURE TO INSTALL AND FINISH THIS PRODUCT IN ACCORDANCE WITH APPLICABLE BUILDING CODES AND JAMES HARDIE WRITTEN APPLICATION INSTRUCTIONS MAY LEAD TO PERSONAL INJURY, AFFECT SYSTEM PERFORMANCE, VIOLATE LOCAL BUILDING CODES, AND VOID THE PRODUCT ONLY WARRANTY. BEFORE INSTALLATION, CONFIRM THAT YOU ARE USING THE CORRECT HARDIEZONE™ PRODUCT INSTRUCTIONS.

INSTALLATION OF HZ10® PRODUCTS OUTSIDE AN HZ10® LOCATION WILL VOID YOUR WARRANTY. TO DETERMINE WHICH HARDIEZONE™ APPLIES TO YOUR LOCATION, VISIT WWW.HARDIEZONE.COM OR CALL 1-866-942-7343 (866 9HARDIE)

STORAGE & HANDLING:

Store flat and keep dry and covered prior to installation. Installing siding wet or saturated may result in shrinkage at butt joints. Carry planks on edge. Protect edges and corners from breakage. James Hardie is not responsible for damage caused by improper storage and handling of the product.



CUTTING INSTRUCTIONS

OUTDOORS

1. Position cutting station so that wind will blow dust away from user and others in working area.
2. Use one of the following methods:
 - a. Best:
 - i. Score and snap
 - ii. Shears (manual, electric or pneumatic)
 - b. Better:
 - i. Dust reducing circular saw equipped with a HardieBlade® saw blade and HEPA vacuum extraction
 - ii. Dust reducing circular saw with a HardieBlade saw blade (only use for low to moderate cutting)
 - c. Good:

INDOORS

1. Cut only using score and snap, or shears (manual, electric or pneumatic).
2. Position cutting station in well-ventilated area

- NEVER use a power saw indoors
- NEVER use a circular saw blade that does not carry the HardieBlade saw blade trademark
- NEVER dry sweep – Use wet suppression or HEPA Vacuum

Important Note: For maximum protection (lowest respirable dust production), James Hardie recommends always using "Best"-level cutting methods where feasible.

NIOSH-approved respirators can be used in conjunction with above cutting practices to further reduce dust exposures. Additional exposure information is available at www.jameshardie.com to help you determine the most appropriate cutting method for your job requirements. If concern still exists about exposure levels or you do not comply with the above practices, you should always consult a qualified industrial hygienist or contact James Hardie for further information.

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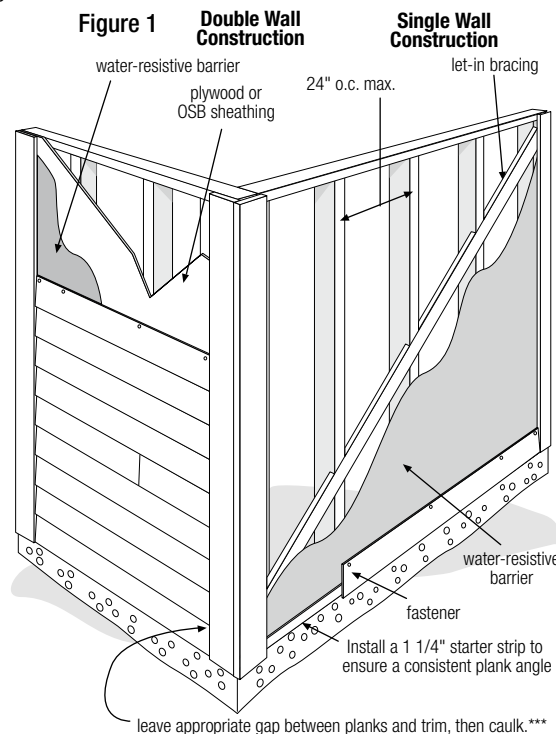
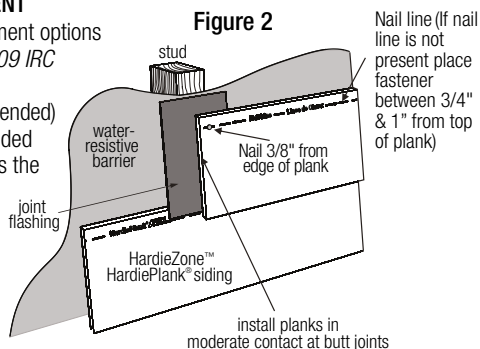
GENERAL REQUIREMENTS:

- HardiePlank® lap siding can be installed over braced wood or steel studs spaced a maximum of 24" o.c. or directly to minimum 7/16" thick OSB sheathing. See general fastening requirements. Irregularities in framing and sheathing can mirror through the finished application.
- Information on installing James Hardie products over foam can be located in **JH Tech Bulletin 19** at www.jamehardie.com
- A water-resistive barrier is required in accordance with local building code requirements. The water-resistive barrier must be appropriately installed with penetration and junction flashing in accordance with local building code requirements. James Hardie will assume no responsibility for water infiltration. James Hardie does manufacture HardieWrap® Weather Barrier, a non-woven non-perforated housewrap¹, which complies with building code requirements.
- When installing James Hardie products all clearance details in figs. 3-14 must be followed.
- Adjacent finished grade must slope away from the building in accordance with local building codes - typically a minimum of 6" in the first 10'.
- Do not use HardiePlank lap siding in fascia or trim applications.
- Do not install James Hardie products, such that they may remain in contact with standing water.
- HardiePlank lap siding may be installed on flat vertical wall applications only.
- For larger projects, including commercial and multi-family projects, where the span of the wall is significant in length, the designer and/or architect should take into consideration the coefficient of thermal expansion and moisture movement of the product in their design. These values can be found in the Technical Bulletin "Expansion Characteristics of James Hardie® Siding Products" at www.JamesHardie.com.
- DO NOT use stain, oil/alkyd base paint, or powder coating on James Hardie® Products.

INSTALLATION: JOINT TREATMENT

One or more of the following joint treatment options are required by code (as referenced 2009 IRC R703.3.2)

- A. Joint Flashing (James Hardie recommended)
- B. Caulking* (Caulking is not recommended for ColorPlus for aesthetic reasons as the Caulking and ColorPlus will weather differently. For the same reason, do not caulk nail heads on ColorPlus products.)
- C. "H" jointer cover



Note: Field painting over caulking may produce a sheen difference when compared to the field painted PrimePlus. *Refer to Caulking section in these instructions.

¹ For additional information on HardieWrap® Weather Barrier, consult James Hardie at 1-866-4Hardie or www.hardiewrap.com

WARNING: AVOID BREATHING SILICA DUST

James Hardie® products contain respirable crystalline silica, which is known to the State of California to cause cancer and is considered by IARC and NIOSH to be a cause of cancer from some occupational sources. Breathing excessive amounts of respirable silica dust can also cause a disabling and potentially fatal lung disease called silicosis, and has been linked with other diseases. Some studies suggest smoking may increase these risks. During installation or handling: (1) work in outdoor areas with ample ventilation; (2) use fiber cement shears for cutting or, where not feasible, use a HardieBlade® saw blade and dust-reducing circular saw attached to a HEPA vacuum; (3) warn others in the immediate area; (4) wear a properly-fitted, NIOSH-approved dust mask or respirator (e.g. N-95) in accordance with applicable government regulations and manufacturer instructions to further limit respirable silica exposures. During clean-up, use HEPA vacuums or wet cleanup methods - never dry sweep. For further information, refer to our installation instructions and Material Safety Data Sheet available at www.jameshardie.com or by calling 1-800-9HARDIE (1-800-942-7343). FAILURE TO ADHERE TO OUR WARNINGS, MSDS, AND INSTALLATION INSTRUCTIONS MAY LEAD TO SERIOUS PERSONAL INJURY OR DEATH.

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CLEARANCE AND FLASHING REQUIREMENTS

Figure 3
Roof to Wall

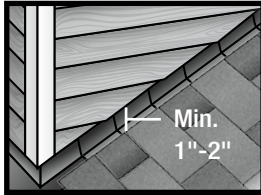


Figure 4
Horizontal Flashing

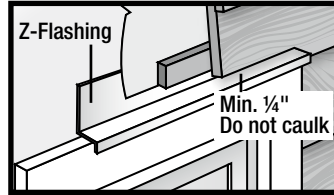


Figure 5
Kickout Flashing

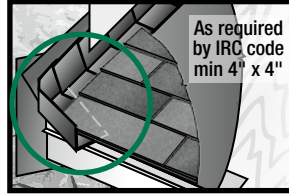


Figure 6
Slabs, Path, Steps to Siding

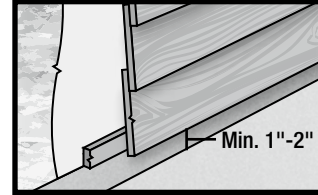


Figure 7
Deck to Wall

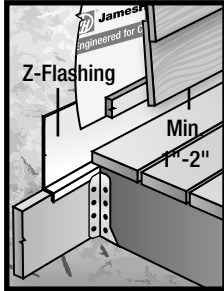


Figure 8
Ground to Siding

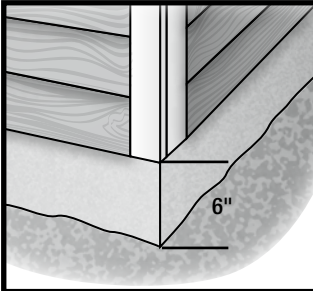


Figure 9
Gutter to Siding

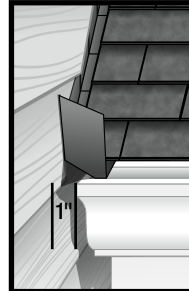


Figure 10
Sheltered Areas

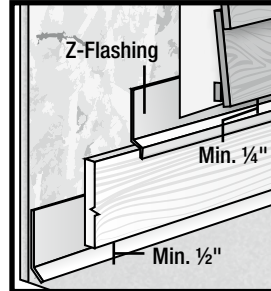


Figure 11
Mortar/Masonry

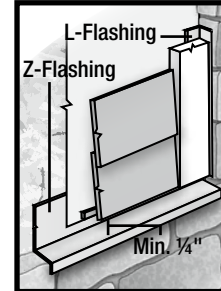


Figure 12
Drip Edge

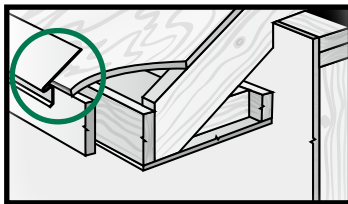


Figure 13
Block Penetration
(Recommended in HZ10)

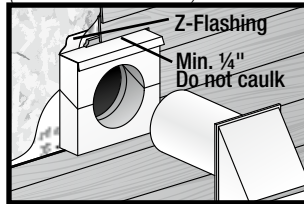
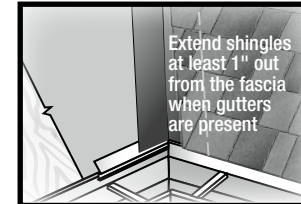


Figure 14
Valley/Shingle Extension



FASTENER REQUIREMENTS **

Blind Nailing is the preferred method of installation for HardiePlank® lap siding products. Face nailing should only be used where required by code for high wind areas and must not be used in conjunction with Blind nailing (Please see JH Tech bulletin 17 for exemption when doing a repair). **Pin-backed corners may be done for aesthetic purposes Only. Pin-backs shall be done with finish nails only, and are not a substitute for blind or face nailing.**

BLIND NAILING

Nails - Wood Framing

- Siding nail (0.09" shank x 0.221" HD x 2" long)
- 11ga. roofing nail (0.121" shank x 0.371" HD x 1.25" long)

Screws - Steel Framing

- Ribbed Wafer-head or equivalent (No. 8 x 1 1/4" long x 0.375" HD) Screws must penetrate 3 threads into metal framing.

Nails - Steel Framing

- ET & F Panelfast® nails or equivalent (0.10" shank x 0.313" HD x 1-1/2" long)
- Nails must penetrate minimum 1/4" into metal framing.

OSB minimum 7/16"

- 11ga. roofing nail (0.121" shank x 0.371" HD x 1.75" long)
- Ribbed Wafer-head or equivalent (No. 8 x 1 5/8" long x 0.375" HD).

FACE NAILING

Nails - Wood Framing

- 6d (0.113" shank x 0.267" HD x 2" long)
- Siding nail (0.09" shank x 0.221" HD x 2" long)

Screws - Steel Framing

- Ribbed Bugle-head or equivalent (No. 8-18 x 1-5/8" long x 0.323" HD) Screws must penetrate 3 threads into metal framing.

Nails - Steel Framing

- ET & F pin or equivalent (0.10" shank x 0.25" HD x 1-1/2" long)
- Nails must penetrate minimum 1/4" into metal framing.

OSB minimum 7/16"

- Siding nail (0.09" shank x 0.221" HD x 1-1/2" long)*

Figure 15

Minimum overlap
for Both Face
and Blind Nailing

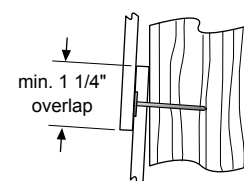
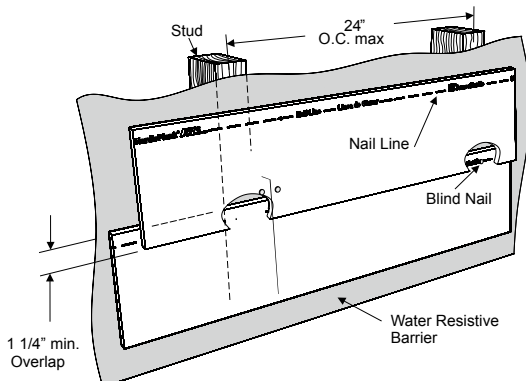
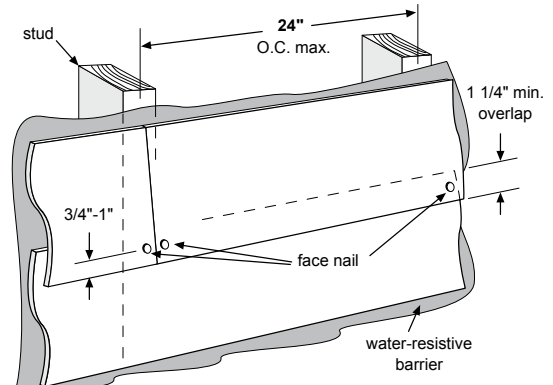


Figure 16



Laminate sheet to be removed immediately after installation of each course for ColorPlus® products.

* When face nailing to OSB, planks must be no greater than 9 1/4" wide and fasteners must be 12" o.c. or less.

** Also see General Fastening Requirements; and when considering alternative fastening options refer to James Hardie's Technical Bulletin USTB 17 - Fastening Tips for HardiePlank® Lap Siding.

GENERAL FASTENING REQUIREMENTS

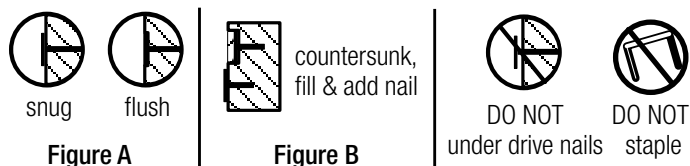
Fasteners must be corrosion resistant, galvanized, or stainless steel. Electro-galvanized are acceptable but may exhibit premature corrosion. James Hardie recommends the use of quality, hot-dipped galvanized nails. James Hardie is not responsible for the corrosion resistance of fasteners. Stainless steel fasteners are recommended when installing James Hardie® products near the ocean, large bodies of water, or in very humid climates.

Manufacturers of ACQ and CA preservative-treated wood recommend spacer materials or other physical barriers to prevent direct contact of ACQ or CA preservative-treated wood and aluminum products. Fasteners used to attach HardieTrim Tabs to preservative-treated wood shall be of hot dipped zinc-coated galvanized steel or stainless steel and in accordance to 2009 IRC R317.3 or 2009 IBC 2304.9.5.

- Consult applicable product evaluation or listing for correct fasteners type and placement to achieve specified design wind loads.
- NOTE: Published wind loads may not be applicable to all areas where Local Building Codes have specific jurisdiction. Consult James Hardie Technical Services if you are unsure of applicable compliance documentation.
- Drive fasteners perpendicular to siding and framing.
- Fastener heads should fit snug against siding (no air space). (fig. A)
- Do not over-drive nail heads or drive nails at an angle.
- If nail is countersunk, fill nail hole and add a nail. (fig. B)
- For wood framing, under driven nails should be hit flush to the plank with a hammer (For steel framing, remove and replace nail).
- NOTE: Whenever a structural member is present, HardiePlank should be fastened with even spacing to the structural member. The tables allowing direct to OSB or plywood should only be used when traditional framing is not available.
- **Do not use aluminum fasteners, staples, or clipped head nails.**

PNEUMATIC FASTENING

James Hardie products can be hand nailed or fastened with a pneumatic tool. Pneumatic fastening is highly recommended. Set air pressure so that the fastener is driven snug with the surface of the siding. A flush mount attachment on the pneumatic tool is recommended. This will help control the depth the nail is driven. If setting the nail depth proves difficult, choose a setting that under drives the nail. (Drive under driven nails snug with a smooth faced hammer - Does not apply for installation to steel framing).



PAINTING

DO NOT use stain, oil/alkyd base paint, or powder coating on James Hardie® Products. James Hardie products must be painted within 180 days for primed product and 90 days for unprimed. 100% acrylic topcoats are recommended. Do not paint when wet. For application rates refer to paint manufacturers specifications. Back-rolling is recommended if the siding is sprayed.

CUT EDGE TREATMENT

Caulk, paint or prime all field cut edges. James Hardie touch-up kits are required to touch-up ColorPlus products.

CAULKING

For best results use an Elastomeric Joint Sealant complying with ASTM C920 Grade NS, Class 25 or higher or a Latex Joint Sealant complying with ASTM C834. Caulking/Sealant must be applied in accordance with the caulking/sealant manufacturer's written instructions. **Note: OSI Quad as well as some other caulking manufacturers do not allow tooling.**

COLORPLUS® TECHNOLOGY CAULKING, TOUCH-UP & LAMINATE

- Care should be taken when handling and cutting James Hardie® ColorPlus® products. During installation use a wet soft cloth or soft brush to gently wipe off any residue or construction dust left on the product, then rinse with a garden hose.
- Touch up nicks, scrapes and nail heads using the ColorPlus® Technology touch-up applicator. Touch-up should be used sparingly. If large areas require touch-up, replace the damaged area with new HardiePlank® lap siding with ColorPlus Technology.
- Laminate sheet must be removed immediately after installation of each course.
- Terminate non-factory cut edges into trim where possible, and caulk. Color matched caulks are available from your ColorPlus® product dealer.
- Treat all other non-factory cut edges using the ColorPlus Technology edge coat, available from your ColorPlus product dealer.

Note: James Hardie does not warrant the usage of third party touch-up or paints used as touch-up on James Hardie ColorPlus products.

Problems with appearance or performance arising from use of third party touch-up paints or paints used as touch-up that are not James Hardie touch-up will not be covered under the James Hardie ColorPlus Limited Finish Warranty.

PAINTING JAMES HARDIE® SIDING AND TRIM PRODUCTS WITH COLORPLUS® TECHNOLOGY

When repainting ColorPlus products, James Hardie recommends the following regarding surface preparation and topcoat application:

- Ensure the surface is clean, dry, and free of any dust, dirt, or mildew
- Repriming is normally not necessary
- 100% acrylic topcoats are recommended
- DO NOT use stain, oil/alkyd base paint, or powder coating on James Hardie® Products.
- Apply finish coat in accordance with paint manufacturers written instructions regarding coverage, application methods, and application temperature
- DO NOT caulk nail heads when using ColorPlus products, refer to the ColorPlus touch-up section

COVERAGE CHART/ESTIMATING GUIDE

Number of 12' planks, does not include waste

COVERAGE AREA LESS OPENINGS

HARDIEPLANK® LAP SIDING WIDTH

SQ (1 SQ = 100 sq.ft.)	(exposure)	5 1/4 4	6 1/4 5	7 1/4 6	7 1/2 6 1/4	8 6 3/4	8 1/4 7	9 1/4 8	9 1/2 8 1/4	12 10 3/4
1		25	20	17	16	15	14	13	13	9
2		50	40	33	32	30	29	25	25	19
3		75	60	50	48	44	43	38	38	28
4		100	80	67	64	59	57	50	50	37
5		125	100	83	80	74	71	63	63	47
6		150	120	100	96	89	86	75	75	56
7		175	140	117	112	104	100	88	88	65
8		200	160	133	128	119	114	100	100	74
9		225	180	150	144	133	129	113	113	84
10		250	200	167	160	148	143	125	125	93
11		275	220	183	176	163	157	138	138	102
12		300	240	200	192	178	171	150	150	112
13		325	260	217	208	193	186	163	163	121
14		350	280	233	224	207	200	175	175	130
15		375	300	250	240	222	214	188	188	140
16		400	320	267	256	237	229	200	200	149
17		425	340	283	272	252	243	213	213	158
18		450	360	300	288	267	257	225	225	167
19		475	380	317	304	281	271	238	238	177
20		500	400	333	320	296	286	250	250	186

This coverage chart is meant as a guide. Actual usage is subject to variables such as building design. James Hardie does not assume responsibility for over or under ordering of product.

RECOGNITION: In accordance with ICC-ES Evaluation Report ESR-2290, HardiePlank® lap siding is recognized as a suitable alternate to that specified in: the 2006, 2009, & 2012 International Residential Code for One- and Two-Family Dwellings, and the 2006, 2009, & 2012 International Building Code. HardiePlank lap siding is also recognized for application in the following: City of Los Angeles Research Report No. 24862, State of Florida listing FL#889, Dade County, Florida NOA No. 02-0729.02, U.S. Dept. of HUD Materials Release 1263c, Texas Department of Insurance Product Evaluation EC-23, City of New York MEA 223-93-M, and California DSA PA-019. These documents should also be consulted for additional information concerning the suitability of this product for specific applications.

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James Hardie Technology Limited.  is a registered trademark
of James Hardie Technology Limited.

Panelfast is a registered trademark of ET&F Fastening Systems, Inc.

Additional Installation Information,
Warranties, and Warnings are available at
www.jameshardie.com



JamesHardie

3/8" Non-Tapered
Column Wraps8

5/8" Non-Tapered
Column Wraps9

Tapered Column
Wraps10

Alternate Cap
& Base Styles11

Coverage with Character

PVC Column Wraps

Once you've met the structural requirements of your project, Fypon® PVC column wraps can add an elegant finishing touch. Designed to install easily around an existing structural support, Fypon column wraps allow you to add the sophistication of traditional columns near the end of your project. So whether you need to add character to a new job or cover an outdated design, our column wraps offer many options for creating curb appeal.

How to Use This Section

For ease of use, the product groupings in this section of the catalog are organized by size, from smallest to largest. Where applicable, special order options are referenced with the product. Each product chart includes product images, dimensional data and part numbers to help specify, source and sell Fypon® PVC column wraps.

How to Order

PVC Column Wraps

PVC column wraps are non-structural and simply wrap around an existing 4"x4" treated wood post or other structural support. Column wraps come in a complete kit that includes the shaft, cap, base, installation cleats, hardware, installation instructions and a tube of adhesive. Choose between various tapered and non-tapered styles with a height that meets or exceeds your height requirement. Plain column wraps can be trimmed to any height, and all other styles are trimmable from the bottom of the shaft up to 3".

PVC Column Wrap Accessories

Non-tapered column wraps come with the box cap and base. Tapered column wraps come with the Craftsman cap and base. Eight additional cap and base styles are available and can be special ordered separately. Simply choose a style and specify the type (tapered or non-tapered) and the nominal size of the column wrap you are matching. Most of the caps and bases are constructed of PVC and ship in four separate pieces with pre-mitered corners, unless otherwise noted.

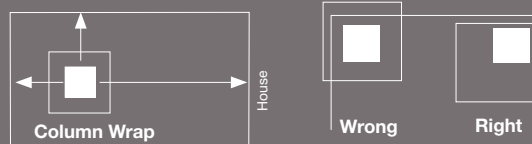
Special Order Products

Some products shown in this catalog include special order options. This means the product is available in additional sizes or with additional accessories. Throughout this section, special order part numbers are marked with an asterisk (*). Where applicable, additional special order options are listed with the product.

Flexible Positioning PVC Column Wraps

Fypon column wraps allow for flexibility in positioning. The design features installation cleats on the exterior of the shaft, providing ample room around the support post. This allows for positioning adjustments to align several columns in a row or to allow for positioning close to the porch edge. Also, because the column wrap does not come in contact with the structural post, the integrity of the wrap is not dependent on the support. If the structural post starts to twist or warp, the column wrap will not be affected.

Before you order, you'll want to measure to make sure you have enough clear distance from the support post to the edge of the porch. The needed space is dependent on the style of column. You will need more space for tapered columns than non-tapered due to the larger base.



Allow adequate distance when choosing wrap width

3/8" Non-Tapered Column Wraps

Semi-Assembled Economy Plain with Box Cap & Base

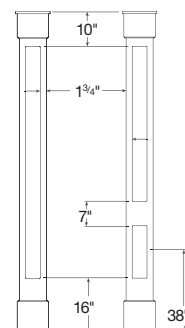
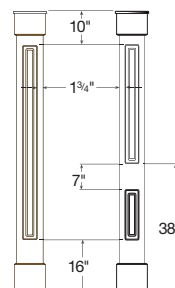
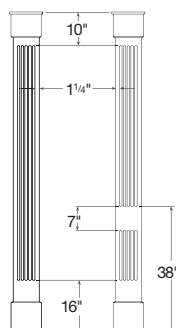


Shaft Width	Height	Semi-Assembled Economy Plain
6" (5 3/4" Actual) 3 1/2" Actual Inside Width	6' (72")	CWKT86063*
	8' (96")	CWKT86000
	9' (108")	CWKT86001
	10' (120")	CWKT86002
	12' (144")	CWKT86064*
8" (7 3/4" Actual) 5 1/2" Actual Inside Width	6' (72")	CWKT86065*
	8' (96")	CWKT86003
	9' (108")	CWKT86008
	10' (120")	CWKT86013
	12' (144")	CWKT86066*
10" (9 3/4" Actual) 7 1/2" Actual Inside Width	6' (72")	CWKT86067
	8' (96")	CWKT86017
	9' (108")	CWKT86021
	10' (120")	CWKT86025
	12' (144")	CWKT86068*
12" (11 3/4" Actual) 9 1/2" Actual Inside Width	6' (72")	CWKT86069*
	8' (96")	CWKT86029
	9' (108")	CWKT86032
	10' (120")	CWKT86034
	12' (144")	CWKT86070*

* Part numbers marked with an asterisk (*) are special order.

5/8" Non-Tapered Column Wraps

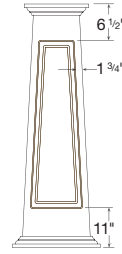
Semi-Assembled with Box Cap & Base



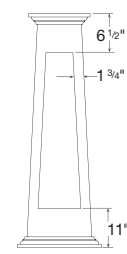
Shaft Width	Height	Plain	Fluted	Double Fluted	Raised Panel	Double Raised Panel	Recessed	Double Recessed
6" (5 3/4" Actual)	6' (72")	CWKT86058*	CWKT86071*	CWKT86089*	—	—	—	—
	8' (96")	CWKT86046	CWKT86072	CWKT86090*	—	—	—	—
	9' (108")	CWKT86047*	CWKT86073*	CWKT86091*	—	—	—	—
	10' (120")	CWKT86048*	CWKT86074*	CWKT86092*	—	—	—	—
	12' (144")	CWKT86059*	CWKT86075*	CWKT86093*	—	—	—	—
4 1/2" Actual Inside Width								
8" (7 3/4" Actual)	6' (72")	CWKT86060*	CWKT86076*	CWKT86094*	CWKT86109*	CWKT86118*	CWKT86219*	CWKT86144*
	8' (96")	CWKT86004	CWKT86077	CWKT86095*	CWKT86005	CWKT86006	CWKT86131	CWKT86007
	9' (108")	CWKT86009	CWKT86078	CWKT86096*	CWKT86010	CWKT86011	CWKT86012*	CWKT86145*
	10' (120")	CWKT86014	CWKT86079*	CWKT86097*	CWKT86110*	CWKT86119*	CWKT86132*	CWKT86146*
	12' (144")	CWKT86015	CWKT86080*	CWKT86098*	CWKT86016*	CWKT86120*	CWKT86133*	CWKT86147*
6 1/2" Actual Inside Width							5 3/4" Actual Inside Width	
10" (9 3/4" Actual)	6' (72")	CWKT86061*	CWKT86081*	CWKT86099*	CWKT86111*	CWKT86121*	CWKT86134*	CWKT86148*
	8' (96")	CWKT86018	CWKT86020*	CWKT86100*	CWKT86019	CWKT86122*	CWKT86135*	CWKT86149*
	9' (108")	CWKT86022	CWKT86024*	CWKT86101*	CWKT86023	CWKT86123*	CWKT86136*	CWKT86150*
	10' (120")	CWKT86026	CWKT86082*	CWKT86102*	CWKT86027*	CWKT86124*	CWKT86137*	CWKT86151*
	12' (144")	CWKT86028	CWKT86083*	CWKT86103*	CWKT86112*	CWKT86125*	CWKT86138*	CWKT86152*
8 1/2" Actual Inside Width							7 3/4" Actual Inside Width	
12" (11 3/4" Actual)	6' (72")	CWKT86062*	CWKT86084*	CWKT86104*	CWKT86113*	CWKT86126*	CWKT86139*	CWKT86153*
	8' (96")	CWKT86030	CWKT86085*	CWKT86105*	CWKT86114*	CWKT86127*	CWKT86140*	CWKT86031*
	9' (108")	CWKT86033	CWKT86086*	CWKT86106*	CWKT86115*	CWKT86128*	CWKT86141*	CWKT86154*
	10' (120")	CWKT86035	CWKT86087*	CWKT86107*	CWKT86116*	CWKT86129*	CWKT86142*	CWKT86155*
	12' (144")	CWKT86036	CWKT86088*	CWKT86108*	CWKT86117*	CWKT86130*	CWKT86143*	CWKT86156*
10 1/2" Actual Inside Width							9 3/4" Actual Inside Width	

Tapered Column Wraps

Semi-Assembled with Craftsman Cap & Base



Route is 1 11/32" wide by 3/8" deep.



Recess is 5/8" deep and corners are 1/4" rounded.



Shaft Width	Height	Plain	Raised Panel	Recessed Panel
8" Top 7 3/4" Actual	4' (48")	CWKT86037	CWKT86172*	CWKT86195*
	4 1/2' (54")	CWKT86038	CWKT86173*	CWKT86196*
	5' (60")	CWKT86039	CWKT86174*	CWKT86197*
12" Bottom 11 3/4" Actual	5 1/2' (66")	CWKT86040	CWKT86175*	CWKT86198*
	6' (72")	CWKT86041	CWKT86176*	CWKT86199
	8' (96")	CWKT86042	CWKT86177*	CWKT86200
11" Top 10 3/4" Actual	4' (48")	CWKT86157*	CWKT86178*	CWKT86201*
	4 1/2' (54")	CWKT86158*	CWKT86179*	CWKT86202*
	5' (60")	CWKT86043	CWKT86180*	CWKT86203*
16" Bottom 15 3/4" Actual	5 1/2' (66")	CWKT86044	CWKT86181*	CWKT86204*
	6' (72")	CWKT86045	CWKT86182*	CWKT86205
	8' (96")	CWKT86159*	CWKT86183*	CWKT86206*
13" Top 12 3/4" Actual	4' (48")	CWKT86160*	CWKT86184*	CWKT86207*
	4 1/2' (54")	CWKT86161*	CWKT86185*	CWKT86208*
	5' (60")	CWKT86162*	CWKT86186*	CWKT86209*
20" Bottom 19 3/4" Actual	5 1/2' (66")	CWKT86163*	CWKT86220	CWKT86210*
	6' (72")	CWKT86164*	CWKT86187*	CWKT86211
	8' (96")	CWKT86165*	CWKT86188*	CWKT86212*
16" Top 15 3/4" Actual	4' (48")	CWKT86166*	CWKT86189*	CWKT86213*
	4 1/2' (54")	CWKT86167*	CWKT86190*	CWKT86214*
	5' (60")	CWKT86168*	CWKT86191*	CWKT86215*
24" Bottom 23 3/4" Actual	5 1/2' (66")	CWKT86169*	CWKT86192*	CWKT86216*
	6' (72")	CWKT86170*	CWKT86193*	CWKT86217*
	8' (96")	CWKT86171*	CWKT86194*	CWKT86218*

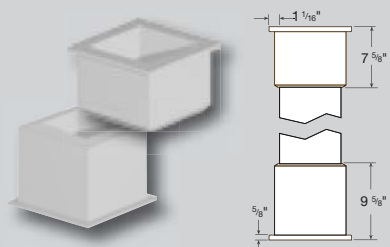
* Part numbers marked with an asterisk (*) are special order.

Alternate Cap & Base Styles

For PVC Column Wraps

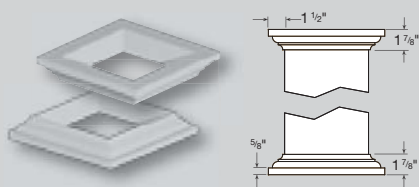
Although each column wrap kit ships with a standard cap and base, these additional styles may be special ordered separately. Simply choose a style and specify the type (tapered or non-tapered) and the nominal size of the column wrap you are matching.

Box Cap & Base



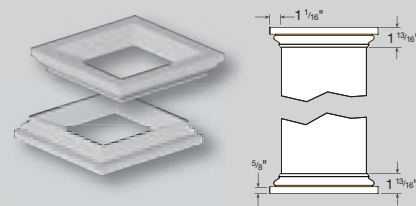
Ships standard with all non-tapered column wrap kits. Cannot be used with tapered column wraps. Ships in two L-shaped halves.

Craftsman Cap & Base

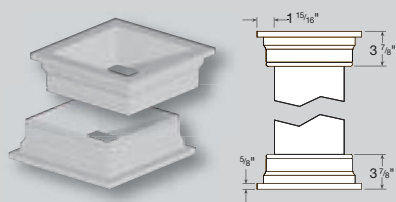


Ships standard with all tapered column wrap kits.

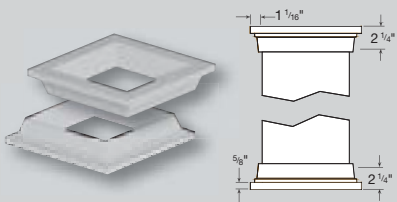
Greek Cap & Base



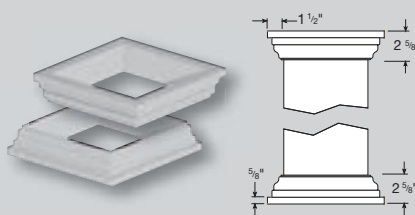
Italian Cap & Base



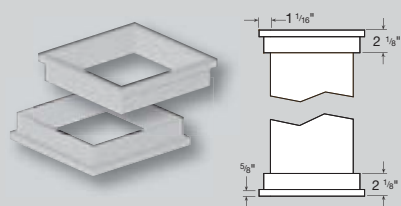
Mission Cap & Base



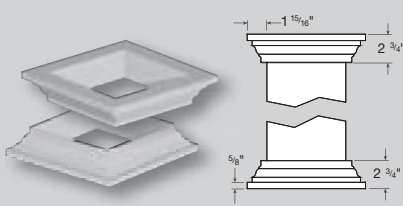
Modern Cap & Base



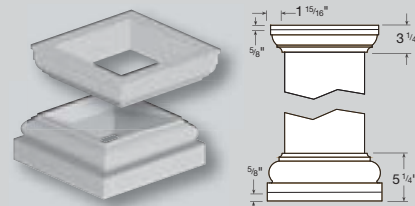
Prairie Cap & Base



Roman Cap & Base

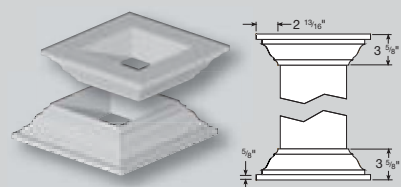


Tuscan Cap & Base

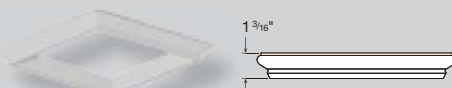


Tuscan Cap & Base are high-density polyurethane.

Victorian Cap & Base



Neck Mould Accessory





VIRGINIA
DIVISION OF HISTORIC LANDMARKS
HISTORIC DISTRICT/BRIEF
SURVEY FORM

File no. 235-90
Negative no(s). 9094/17

City/Town/Village/Hamlet Herndon
Street address or route number 639 Nash St.
Historic name

County Fairfax
U.S.G.S. Quad Herndon
Common name

Present use residence
Original use residence

Building Style Vernacular Cottage
Building Date(s) ca. 1950-1965

1. Construction Materials

- ☐ wood frame
☐ brick
 bond: ☐ English
 ☐ Flemish
 ☐ _____-course American
 ☐ stretcher
 ☐ other _____
- ☐ stone
 ☐ random rubble
 ☐ coursed rubble
 ☐ ashlar ☐ dressed
 ☐ rock-faced
- ☐ log:
 ☐ squared ☐ unsquared
 notching:
 ☐ V-notch ☐ half dovetail
 ☐ saddle ☐ full dovetail
 ☐ square ☐ diamond
- ☐ concrete block
☐ terra cotta
☐ steel frame
☐ other _____

2. Cladding Material

- ☐ weatherboard ☐ composition siding
☐ vertical siding ☐ stucco
☐ board & batten ☐ aluminum or vinyl siding
☐ shingle:
 ☐ wood ☐ cast iron
 ☐ asbestos ☐ sheet metal
 ☐ asphalt ☐ enameled metal
 ☐ glass
- ☐ bricktex
☐ other _____

3. Stories (number) _____
☐ low basement ☐ raised basement

4. Bays (number): front _____ side (church) _____
☐ symmetrical ☐ asymmetrical

5. Roof Type
☐ shed ☐ hipped
 ☐ parapet? ☐ pyramidal?
☐ gable ☐ mansard
 ☐ pediment? ☐ false mansard
 ☐ parapet? ☐ gambrel
 ☐ clipped end? ☐ flat
 ☐ cross gable? ☐ parapet?
 ☐ central front gable? ☐ roof not visible
☐ other _____

6. Roofing Material

- ☐ shingle
 ☐ composition (asphalt, asbestos, etc.)
 ☐ wood
☐ metal
 ☐ standing seam
 ☐ corrugated
 ☐ pressed tin (simulated shingles)
☐ tile
 ☐ pantile ☐ flat ☐ glazed
☐ slate
☐ not visible

7. Dormers (number): front _____ side _____
☐ gable ☐ pediment?
☐ shed
☐ hipped

8. Primary Porch

style _____
stories _____
levels _____ bays _____
materials _____
description and decorative details _____

9. General supplementary description and decoration:

1½ story Asbestos shingled bungalow over concrete block foundation. A. 1950-1965.

10. Major additions and alterations:

11. Outbuildings:

12. Landscape Features:

13. Significance:

Non-contributing one story residence.

Surveyed by: Polhill/Frazier

Date: 12/87



HERITAGE PRESERVATION REVIEW BOARD STANDARDS FOR DESIGN REVIEW

Excerpts from the Town of Herndon Code of Ordinances Chapter 78 – Zoning, Article VI Overlay Districts

Sec. 78-60.3. - Heritage Preservation Overlay District (HP District).

- (a) *Purpose and intent.* The heritage preservation overlay district (HP district) is intended to provide for the establishment of historic landmarks and preservation districts as a means of preserving the historical, cultural, and architectural heritage of the town and protecting designated historic resources and is adopted pursuant to the authority granted to localities by Virginia Code § 15.2-2306.
- (b) *Applicability.* No building, structure, or sign located in the HP district shall be erected, reconstructed, altered, demolished, moved, expanded or restored except in accordance with the provisions of section 78-60.3(g), certificate of appropriateness in the heritage preservation overlay district.
- (c) *District boundaries and maps.* The boundaries of the HP district shall be shown on the town's official zoning map and on the appropriate comprehensive plan maps after action by the planning commission and town council.....
- (f) *Development within the heritage preservation overlay district.* Development located within a preservation district shall be completed in accordance with the Herndon Heritage Preservation Handbook, and the following standards:
 - (1) *Alteration, restoration or reconstruction.* A certificate of appropriateness for altering, restoring, or reconstruction of a building or structure shall be approved only after considering the following standards, as well as other appropriate matters:
 - a. Whether or not reasonable effort shall be made to alter the site, building, or structure, and its environment to the minimal extent practicable.
 - b. Whether or not alteration of the original distinguishing qualities or character of a site, building, or structure and its environment and the removal or alteration of any historic material or distinctive architectural features shall be avoided to the greatest extent practicable.
 - c. Whether all sites, buildings and structures shall be recognized as products of their own time, with alterations and reconstruction to existing buildings and structures to be consistent with the original style of such buildings and structures.
 - d. Whether or not distinctive stylistic features or examples of skilled craftsmanship that characterize a building or structure or site shall be retained and restored to the greatest extent practicable.
 - e. Whether or not deteriorated architectural features shall be repaired, rather than replaced, wherever reasonably possible, and, if replacement is necessary, whether or not new materials shall match the material being replaced in composition, design, color, texture and other visual qualities to the greatest extent practicable.
 - f. Whether or not repair or replacement of missing architectural features shall, to the greatest extent possible, be based on accurate duplications of the original features, substantiated by historic, physical, or pictorial evidence, rather than on conjectural designs or the availability of different architectural elements from other buildings or structures.
 - g. Whether or not the surface cleaning of buildings and structures constituting historic landmarks shall be undertaken with the gentlest means practicable; provided, however, that

sandblasting and other cleaning methods that may damage the existing building materials shall not be approved.

- h. Whether or not partial demolition of buildings or structures within preservation districts may be approved when one or more of the existing facades are retained for the purpose of integrating new construction into existing historic buildings or structures when such is appropriate and in accordance with the intent of this article. The town does not advocate this procedure, as it goes against the Secretary of the Interior's guidelines for rehabilitation and credits would not be allowed in such projects.
 - i. Whether or not, to the greatest extent practicable, every effort shall be made to protect and preserve archeological resources within or adjacent to the heritage preservation overlay district.
 - j. Whether or not contemporary design for alterations and additions to existing buildings and structures is compatible with the size, scale, color, material, and character of the building and structures within preservation districts, and whether or not such alterations and additions would destroy significant historical, architectural, or cultural material.
 - k. Whether or not the proposed additions or alterations to existing buildings and structures shall be done in such a manner that, if such additions or alterations were to be removed in the future, the essential form and integrity of the building or structure would be unimpaired. Whenever possible, new additions or alterations to existing buildings and structures shall be done in such a manner that, if such additions or alterations were to be removed in the future, the essential form and integrity of the building or structure would be unimpaired.
- (2) *New construction.* A certificate of appropriateness for new construction of a building or structure may be approved only after considering the following standards, as well as other appropriate matters:
- a. Whether or not the design will be architecturally compatible with the historic landmarks, buildings, and structures in the heritage preservation overlay district in terms of size, scale, color, material, and character.
 - b. No specific architectural style shall be adopted or imposed in the administration of this section.
- (3) *Moving or relocating a building .* A certificate of appropriateness to move or relocate a building or structure may be approved only after considering the following, as well as other appropriate matters:
- a. Whether or not the proposed relocation may have a detrimental effect on the structural soundness of the building or structure;
 - b. Whether or not the proposed relocation would have a negative or positive effect on other historic landmarks or on other sites, buildings or structures located within the heritage preservation overlay district;
 - c. Whether or not the proposed relocation would provide new surroundings that would be compatible with the architectural aspect of the building or structure;
 - d. Whether or not the proposed relocation is the only practicable means of saving the structure from demolition; and
 - e. Whether or not the building or structure will be relocated to another site within the corporate limits of the town or to another adjacent site that is subject to preservation control.

- (4) *Demolition.* A certificate of appropriateness to demolish a building or structure may be approved, only after reviewing and considering the circumstances and conditions of the structure or building or the part proposed for demolition, and considering the following factors as well as all other appropriate matters:
- a. Whether or not the building or structure is an historic landmark or is a building within the heritage preservation overlay district that contributes to the character of the heritage preservation overlay district;
 - b. Whether or not the building or structure is of such interest or significance that it would qualify as a national or state landmark building or structure listed on the National Register of Historic Places or the Virginia Landmarks Register;
 - c. Whether or not the building or structure is of such old or uncommon design, texture or scarce material that it could not be reproduced or could be reproduced only with great difficulty and expense;
 - d. Whether or not historic events occurred in the building or structure;
 - e. Whether or not the building or structure is structurally unsound and to what extent;
 - f. Whether or not a relocation of the building or structure or a portion thereof would be to any extent practicable as a preferable alternative to demolition;
 - g. Whether or not the proposed demolition could potentially adversely affect other historic landmarks located within a preservation district or adversely affect the character of a preservation district;
 - h. If a building is damaged by a fire or other natural hazard, the building inspector shall determine if a building is structurally sound and is in imminent danger to public safety and should be demolished;
 - i. The reason for demolishing the building or structure and whether or not any alternatives to demolition exist;
 - j. Whether or not there has been a professional, economic, and structural feasibility study for rehabilitating or reusing the structure and whether or not its findings support the proposed demolition.