

MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION
STAFF REPORT

Address:	3929 Washington St., Kensington	Meeting Date:	6/14/2023
Resource:	Secondary (Non-Contributing) Resource Kensington Historic District	Report Date:	6/7/2023
Applicant:	Tom and Maggie McCullough (Luke Olson, Architect)	Public Notice:	5/31/2023
Review:	HAWP	Tax Credit:	n/a
Permit No.:	1032177	Staff:	Dan Bruechert
Proposal:	Demolition of existing house and construction of new single-family house, including grading, sitework, hardscape and tree removal.		

STAFF RECOMMENDATION

Staff recommends the HPC **deny** the HAWP application.

ARCHITECTURAL DESCRIPTION

SIGNIFICANCE: Secondary (Non-Contributing) Resource within the Kensington Historic District
STYLE: Colonial Revival
DATE: 1953



Figure 1: The subject property is on a wedge-shaped lot on the portion of the Historic District west of Connecticut Avenue.

BACKGROUND

On May 10, 2023, the HPC held a Preliminary Consultation to evaluate and provide feedback on the proposal to demolish the existing non-historic house and construct a new house on the site.¹ The Commissioners were fully supportive of demolishing the existing Secondary (non-historic) resource. The Commissioners also uniformly supported the size, design, massing, and materials of the new construction to be compatible with the character of the site and surrounding district.

The larger issue was the placement of a garage on site. The applicant provided two configurations, one included a detached garage, and the other – the applicant’s preferred proposal – included an attached front-loading garage. A majority of the Commissioners present agreed with Staff’s finding that the attached garage as proposed was not a preferable form. One Commissioner specifically contemplated a design solution that moved the attached garage as far to the rear as possible and using a garden wall to create an enclosed motor court in front of the garage. The applicant has returned for a HAWP.

PROPOSAL

The applicant proposes to demolish the existing house and construct a new single-family house.

APPLICABLE GUIDELINES

Kensington Historic District Guidelines

When reviewing alterations and new construction within the Kensington Historic District several documents are to be utilized as guidelines to assist the Commission in developing their decision. These documents include the *Approved & Adopted Amendment to the Master Plan for Historic Preservation: Kensington Historic District, Atlas #31/6 (Amendment)*, *Vision of Kensington: A Long-Range Preservation Plan (Vision)*, *Montgomery County Code Chapter 24A (Chapter 24A)*, and the *Secretary of the Interior’s Standards for Rehabilitation (Standards)*. The pertinent information in these documents is outlined below.

Approved & Adopted Amendment to the Master Plan for Historic Preservation: Kensington Historic District, Atlas #31/6

"In regard to the properties identified as secondary resources--that is visually contributing, but non-historic structures or vacant land within the Kensington District--the Ordinance requires the Preservation Commission to be lenient in its judgment of plans for contemporary structures or for plans involving new construction unless such plans would seriously impair the historic or architectural value of surrounding resources or impair the character of the district."

Vision of Kensington: A Long-Range Preservation Plan

The HPC formally adopted the planning study, *Vision of Kensington: A Long-Range Preservation Plan*, and is directed by the Executive Regulations, which were approved by the County Council, to use this plan when considering changes and alterations to the Kensington Historic District. The goal of this preservation plan "was to establish a sound database of information from, which to produce a document that would serve the HPC, M-NCPPC, their staff and the community in wrestling with the protection of historic districts amidst the pressures of life in the 21st century." (page 1). The plan provides a specific

¹ The Staff Report and submitted application materials are available here: <https://montgomeryplanning.org/wp-content/uploads/2023/05/III.C-3930-Washington-Street-Kensington-1030006.pdf> and the recording of the hearing is available here: https://mncppc.granicus.com/MediaPlayer.php?publish_id=003eefdd-faff-11ed-95dd-0050569183fa.

physical description of the district as it is; an analysis of character-defining features of the district; a discussion of the challenges facing the district; and a discussion of proposed strategies for maintaining the character of the district while allowing for appropriate growth and change.

Montgomery County Code; Chapter 24A-8

- (a) The commission shall instruct the director to deny a permit if it finds, based on the evidence and information presented to or before the commission that the alteration for which the permit is sought would be inappropriate, inconsistent with or detrimental to the preservation, enhancement or ultimate protection of the historic site or historic resource within an historic district, and to the purposes of this chapter.
- (b) The commission shall instruct the director to issue a permit, or issue a permit subject to such conditions as are found to be necessary to ensure conformity with the purposes and requirements of this chapter, if it finds that:
 - (1) The proposal will not substantially alter the exterior features of an historic site or historic resource within an historic district; or
 - (2) The proposal is compatible in character and nature with the historical, archeological, architectural or cultural features of the historic site or the historic district in which an historic resource is located and would not be detrimental thereto or to the achievement of the purposes of this chapter; or
- (d) In the case of an application for work on an historic resource located within an historic district, the commission shall be lenient in its judgment of plans for structures of little historical or design significance or for plans involving new construction, unless such plans would seriously impair the historic or architectural value of surrounding historic resources or would impair the character of the historic district. (Ord. No. 9-4, § 1; Ord. No. 11-59.)

Secretary of the Interior’s Standards for Rehabilitation:

The Secretary of the Interior defines rehabilitation as “the act or process of making possible a compatible use for a property through repair, alterations, and additions while preserving those portions or features, which convey its historical, cultural, or architectural values.” The *Standards* are as follows:

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

STAFF DISCUSSION

The subject property is a one-story L-shaped house with a detached garage constructed c.1953, designated as a “Secondary Resource.” The applicant proposes to demolish the existing house and construct a new single-family house on the lot.

House Demolition

The existing house is an L-shaped brick Ranch, constructed c.1953, with a later left side-gable addition (see the 1966 Sanborn Map, below). The applicant proposes to demolish the existing house.

Unlike many other county-designated historic districts, the Kensington Historic District does not explicitly direct the HPC to approve the demolition of non-contributing resources. However, the Master

Plan Amendment establishing the historic district, reinforces the language of 24A-8(d) which requires the HPC to be lenient in its review of this class of resource, unless the proposed alteration would significantly detract from the character of the streetscape.

In applying the language of the amendment and 24A-8(d), Staff finds demolishing the house—as a stand-alone consideration—would detract from the streetscape. However, Staff finds demolishing the existing house and replacing it with an architecturally compatible house would not detract from the streetscape and would likely improve the district’s architectural character by reinforcing the size, scale, massing, and architectural details found in the historic resources throughout the district. Staff recommends the HPC approve the house demolition as part of an approved HAWP.



Figure 2: 1966 Sanborn Map showing the subject property before the side addition was constructed.

Proposed House Construction

The proposed house is divided into two primary masses, the larger of the two has an L-shaped form with an asymmetrical front-facing gable. The second mass, located to the left, has a narrow breezeway connected to a garage with a side-projecting gable, several feet lower than the principal ridge. The design draws from a traditional architectural vocabulary—identified as an “English Cottage” in the submitted description—and is constructed using several substitute materials including NuCedar siding, architectural shingles, multi-lite casement aluminum-clad wood windows, wood shutters, and a TimberTech rear deck. The accompanying drawings note a brick or stone foundation and a brick chimney on the left (east) elevation.

The proposed house measures approximately 53’ × 43’ (fifty-three feet by forty-three feet) and will have a 34’ (thirty-four foot) principal ridge height, compared to the existing house which measures 57’ × 30’ (fifty-seven feet by thirty feet). The height of the existing one-story house was not included in the submitted materials. The proposed attached garage is 25’ 6” (twenty-five feet, six inches) and increases the total house width to 79’ (seventy-nine feet). In front of the proposed garage, the applicant proposes to construct a permeable paver motor court measuring approximately 31’ (thirty-one feet) square, surrounded by a 30” (thirty-inch) tall brick garden wall.

The *Vision of Kensington*, a 1992 study completed at the direction of the HPC evaluated the characteristics of the Kensington Historic District using a variety of categories (i.e. building orientation, materials, setback, etc.); pertinent sections of the document are attached to this Staff Report. The *Vision* found that the most common building styles in the district were Queen Anne (42), Colonial Revival (34), Modern (28), American Foursquare (17), and Bungalow/Craftsman (14). The *Vision* also identified six Shingle-style houses.

Shingle style is described in the *Vision* as:

“Unlike most of the 19th century styles that preceded it, the Shingle style does not emphasize decorative detailing at doors, windows, cornices, porches, or on wall surfaces. Instead it displays a complex shape enclosed within a shingled exterior. The Shingle style is an adaptation from the Queen Anne with its wide porches, shingled surfaces, and asymmetrical form; the Colonial revival with gambrel roofs, shed additions, classical columns, and Palladian windows; and the Richardsonian Romanesque with irregular shapes, and Romanesque arches.

The Kensington Railroad Station located along the B & O Railroad Tracks on Montgomery Avenue is a prominent example of the Shingle style in the historic district. The side-gabled roof with multi-level eaves and gabled dormers have exposed rafter tails and open porch support braces.”

Staff finds the form and architectural decoration of the proposed house most closely align with the Shingle style. While this is not a dominant style within the district, there are several historic examples, so the proposed house would not introduce a new architectural style to the district. There are several design elements, most notably the shed dormers, that create a design and form that are distinctly contemporary; satisfying the requirement of Standard 9, differentiating new construction from the historic. Staff additionally finds that many of the decorative architectural features including, a chimney, bay window, and shutters are well represented throughout the district (see the attached sections of the *Vision*).

Staff finds the proposed house to be generally compatible with the character of the lot and surrounding district. Its form successfully breaks up the house mass and appears to blend in with the size and scale of the surrounding streetscape even though a streetscape study was not included in the submitted materials. Additionally, the front setback is generally consistent with the other houses along Washington Street. The HPC concurred with these findings at the Preliminary Consultation and indicated it supported the house’s design, mass, and placement. Additionally, the house is placed as far to the right as possible without damaging two large trees – a 32” d.b.h. oak and a 41” d.b.h. poplar (see attached arborist letter). While the preservation of the trees is welcomed, though not strictly required, the district exists to further architectural and historic preservation under the provisions of Chapter 24A. In particular, the retention of the trees should not result in an architectural design that is otherwise incompatible with or detrimental to the character of the district as a whole, and the desire to retain the trees cannot be used to justify such an approval.

Staff does not find that the option with the attached garage is consistent with the character of the historic district. While the breezeway helps to separate the mass of the garage from the house, and the front wall plane of the garage is set back 10’ (ten feet) from the house wall plane, Staff does not find the garage is separated enough to be compatible with the character of the district. Staff acknowledges the attached garage is placed as far to the rear as possible to comply with the setback requirements in the zoning ordinance. A detached garage could be placed further to the rear and partially obscured by the house massing. With the garage, the effective width of the house becomes 79’ (seventy-nine feet), which would make it the second widest house in the surrounding area.² Staff identified only two instances of attached

² The house across the street from the subject property, 3936 Washington St., Kensington, is 84’ (eighty-four feet) wide including the side-projecting screened-in porch.

front-facing garages in the Kensington Historic District. Both are classified as “Secondary Resources” and were constructed before the district was established. Staff is unable to identify any instance where the HPC has approved an attached front-facing garage in the Kensington Historic District.

Chapter 24A-7(g)(1) states the applicant has the burden of persuading the HPC that the proposal is compatible with the requisite guidance. Based on the mixed feedback at the Preliminary Consultation and Staff’s research on the Kensington Historic District, Staff has not been persuaded the application is consistent with the guidance in Chapter 24A-8, *The Vision of Kensington*, the Approved and Adopted Amendment for the Kensington Historic District, and the *Secretary of the Interior’s Standards for Rehabilitation*. Staff finds the house form - with the attached garage - and overall house width are out of character with the surrounding historic district and would impair the character of the historic district, as discussed in 24A-8(d). Front-facing attached garages are features that are inconsistent with the character of the district and are found on only two houses within the district. These two houses are classified as ‘Secondary,’ non-contributing resources to the overall historic character of the Historic District. Staff finds an attached garage is incompatible with 24A-8(b)(2). A detached garage or attached garage located at the rear of the house with either a side or rear loading entrance would be compatible. Additionally, the houses in the Kensington Historic District are characterized by their large side yards which create a “garden suburb.” Even though the subject property satisfies the County’s zoning requirements, Staff finds the house and garaged width are too wide to fit in with the character of the streetscape and surrounding district. Again, the proposed house with its attached garage would be the second-widest house on Washington St. and the third-widest house in the district.³

While Staff finds the form and width of the proposed construction are incompatible with the character of the district, Staff finds the proposed materials are appropriate for new construction and building additions in the Kensington Historic District. The NuCedar siding has a texture that is compatible with the appearance of cedar shake and is thick enough to provide an appropriate shadow line. The aluminum-clad casement windows have profiles that are thick enough to create depth on the front elevation to avoid the flat façade seen in many contemporary buildings. Architectural shingles are found throughout the district, and Staff finds they will fit with the proposed building’s design.

STAFF RECOMMENDATION

Staff recommends that the Commission **deny** the HAWP application under the Criteria for Issuance in Chapter 24A-8(a), having found that the proposal would be inappropriate, inconsistent with, and detrimental to the preservation, enhancement, and ultimate protection of the historic resource and is incompatible in character with the historic resource and the purposes of Chapter 24A;

and with the *Secretary of the Interior’s Standards for Rehabilitation* #2 and #9.

³ Warner Mansion is the widest house in the district, located at 10212 Montgomery Ave., Kensington and is approximately 90’ (ninety feet) wide.



**APPLICATION FOR
HISTORIC AREA WORK PERMIT**
HISTORIC PRESERVATION COMMISSION
301.563.3400

FOR STAFF ONLY:

HAWP# 1032177

DATE ASSIGNED _____

APPLICANT:

Name: Tom & Maggie McCullough
Address: 3929 Washington St
Daytime Phone: 202-365-6064

E-mail: Tom@mccullough-construction.com
City: Kensington Zip: 20895
Tax Account No.: 01019700

AGENT/CONTACT (if applicable):

Name: Luke Olson
Address: 7735 Old Georgetown Rd Ste 700
Daytime Phone: 240-333-2021

E-mail: lolson@gtmarchitects.com
City: Bethesda Zip: 20814
Contractor Registration No.: _____

LOCATION OF BUILDING/PREMISE: MIHP # of Historic Property _____

Is the Property Located within an Historic District? X Yes/District Name Kensington
 ___ No/Individual Site Name _____

Is there an Historic Preservation/Land Trust/Environmental Easement on the Property? If YES, include a map of the easement, and documentation from the Easement Holder supporting this application.

Are other Planning and/or Hearing Examiner Approvals /Reviews Required as part of this Application? (Conditional Use, Variance, Record Plat, etc.?) If YES, include information on these reviews as supplemental information.

Building Number: 3929 Street: Washington St
Town/City: Kensington Nearest Cross Street: Prospect St
Lot: 16 Block: 12 Subdivision: 0015 Parcel: _____

TYPE OF WORK PROPOSED: See the checklist on Page 4 to verify that all supporting items for proposed work are submitted with this application. Incomplete Applications will not be accepted for review. Check all that apply:

- | | | |
|--|--|--|
| <input checked="" type="checkbox"/> New Construction | <input type="checkbox"/> Deck/Porch | <input type="checkbox"/> Shed/Garage/Accessory Structure |
| <input type="checkbox"/> Addition | <input type="checkbox"/> Fence | <input type="checkbox"/> Solar |
| <input checked="" type="checkbox"/> Demolition | <input type="checkbox"/> Hardscape/Landscape | <input type="checkbox"/> Tree removal/planting |
| <input type="checkbox"/> Grading/Excavation | <input type="checkbox"/> Roof | <input type="checkbox"/> Window/Door |
| | | <input type="checkbox"/> Other: _____ |

I hereby certify that I have the authority to make the foregoing application, that the application is correct and accurate and that the construction will comply with plans reviewed and approved by all necessary agencies and hereby acknowledge and accept this to be a condition for the issuance of this permit.

04-12-2023

Signature of owner or authorized agent

Date 7

HAWP APPLICATION: MAILING ADDRESSES FOR NOTIFYING
[Owner, Owner's Agent, Adjacent and Confronting Property Owners]

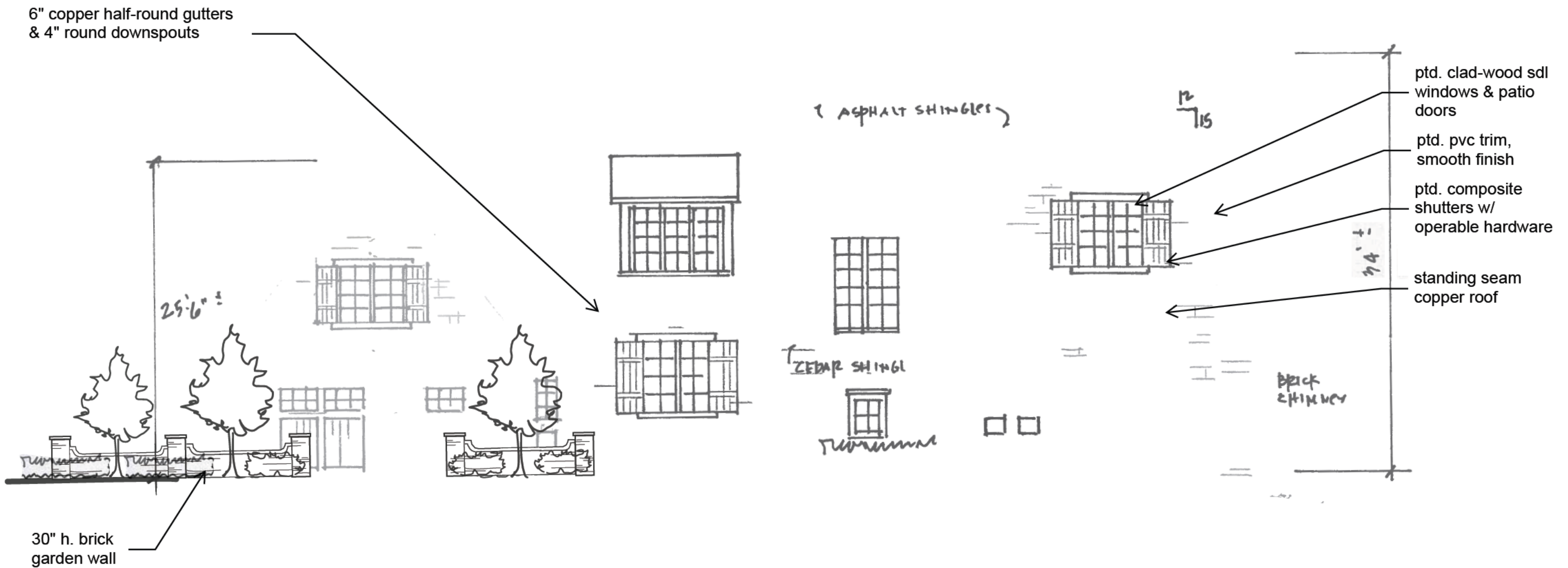
Owner's mailing address	Owner's Agent's mailing address
Tom & Maggie McCullough 2830 Chesterfield PI NW Washington DC 20008	Luke Olson GTM Architects 7735 Old Georgetown Rd Ste 700 Bethesda MD 20895
Adjacent and confronting Property Owners mailing addresses	
Tim & Julie Stelzig 3939 Washington St Kensington, MD 20895	Paul Andreason 3927 Washington St Kensington, MD 20895
Timothy Johnson & Madeleine Goodman 3936 Washington St Kensington, MD 20895	Jodi Longo & Dejan Bujak 3932 Washington St Kensington, MD 20895
Mariana Alvarez & Enrique Cabrol 3940 Washington St Kensington, MD 20895	

Description of Property: Please describe the building and surrounding environment. Include information on significant structures, landscape features, or other significant features of the property:

1,907 sf one-story rambler and detached 2-car garage circa 1953 on a 17,527 sf lot. Secondary resource in the historic district.

Description of Work Proposed: Please give an overview of the work to be undertaken:

New 2-story shingle-style home and attached 2-car garage with modifications to the existing driveway as required. Finish materials to include cedar or synthetic cedar siding, architectural asphalt shingle roof, copper half-round gutters and downspouts, ptd. smooth pvc trim, clad-wood sdl windows and patio doors, ptd. composite shutters with operable hardware, composite decking and ptd. composite railings, brick foundation & garden wall, and replacement of existing driveway with new permeable paver driveway.



**SCOPE OF WORK: NEW 2-STORY ENGLISH COTTAGE HOUSE AND 2-CAR GARAGE
IN THE KENSINGTON HISTORIC DISTRICT**



EXISTING CONDITION PHOTOS

EXISTING 1.5-STORY GABLE AND WING HOUSE CIRCA 1953
SECONDARY RESOURCE IN KENSINGTON HISTORIC DISTRICT

23.0187 - 3929 WASHINGTON ST

HAWP SET 05-23-2023





3939 WASHINGTON ST



3927 WASHINGTON ST



3936 WASHINGTON ST



PRECEDENT PHOTO

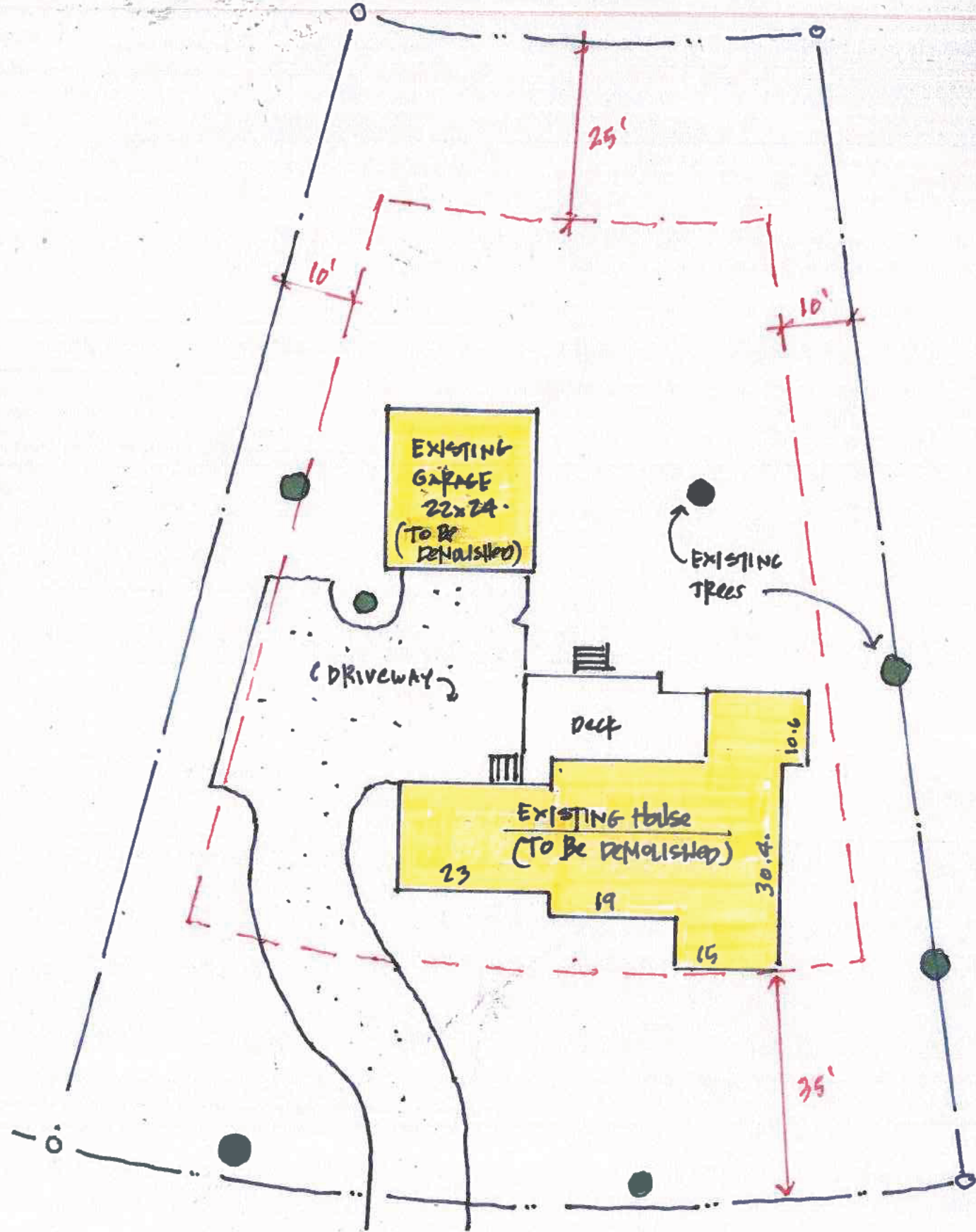
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MASSING STUDY

23.0187 - 3929 WASHINGTON ST

HAWP SET 05-23-2023

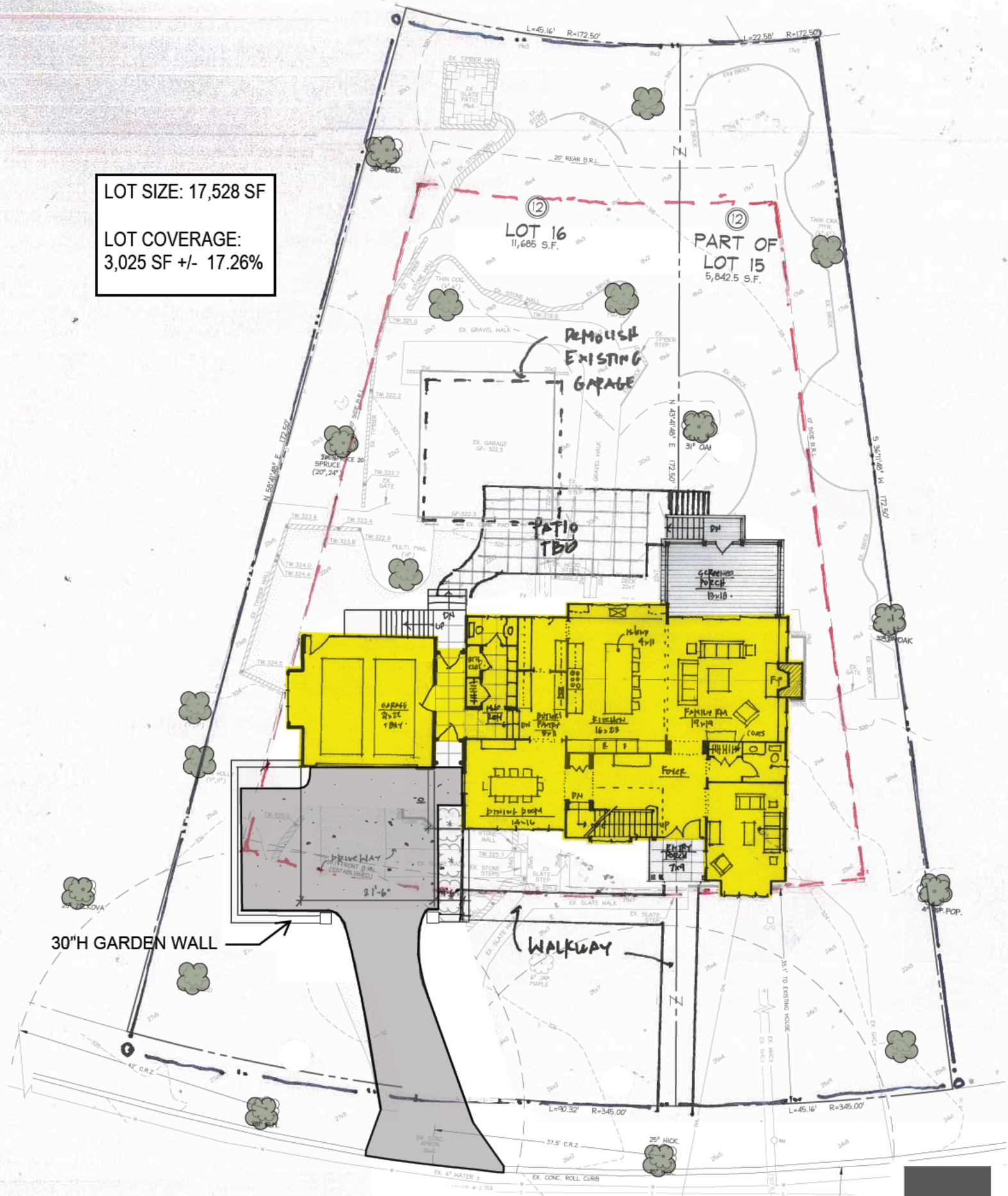
GTM ARCHITECTS



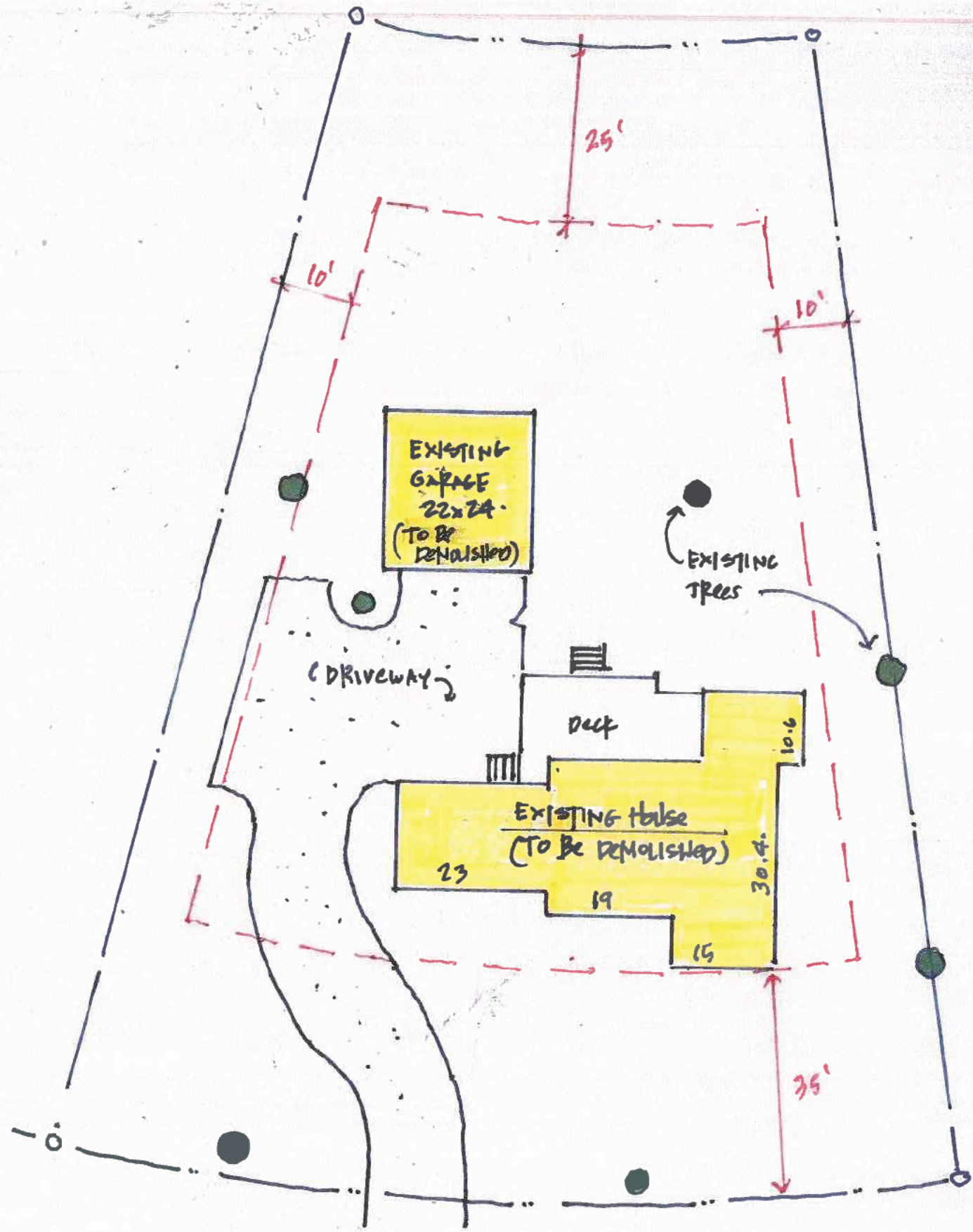
WASHINGTON STREET

SITE PLAN (EXISTING)

LOT SIZE: 17,528 SF
 LOT COVERAGE:
 3,025 SF +/- 17.26%



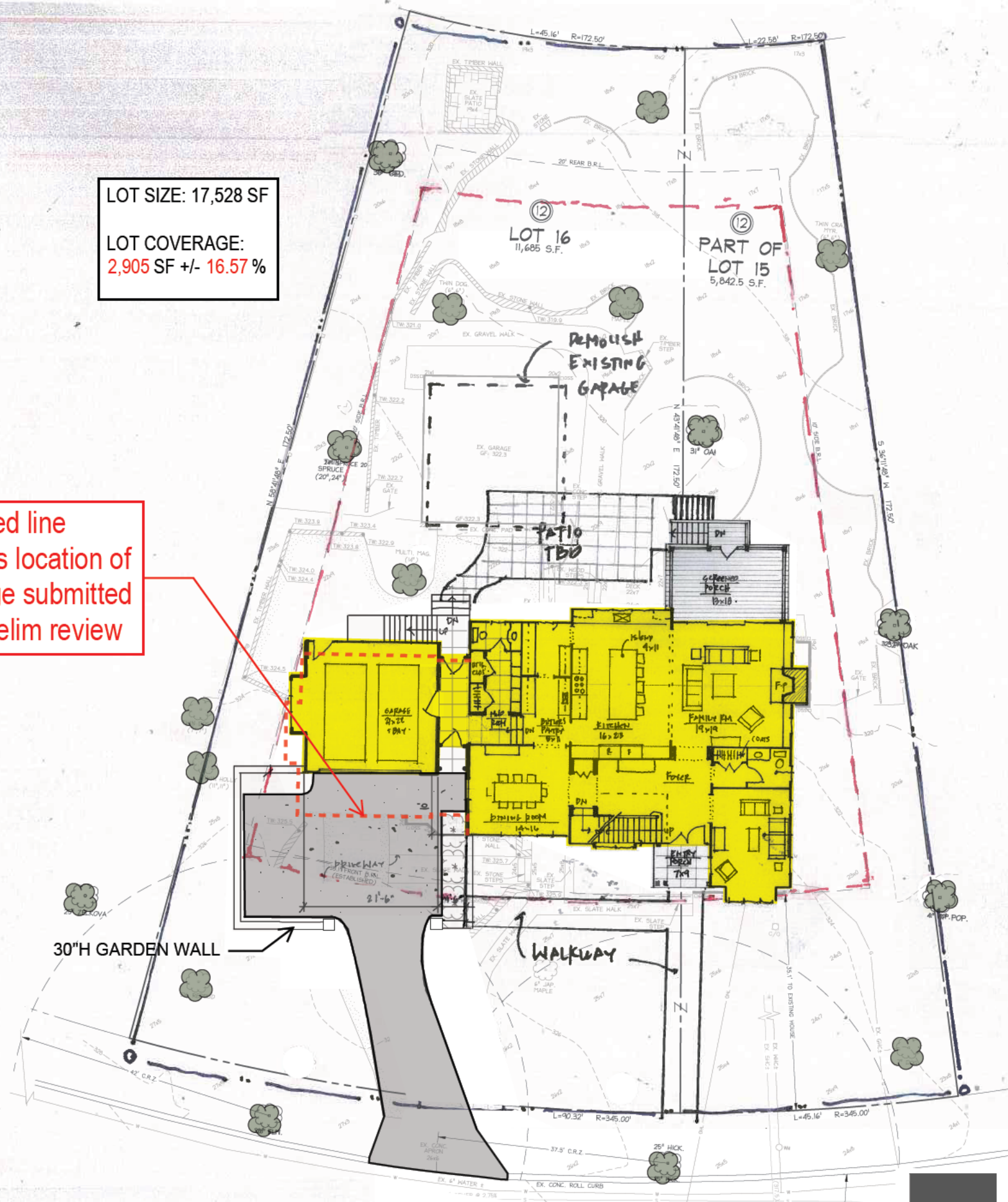
SITE PLAN (PROPOSED)
 OPTION 1



WASHINGTON STREET
SITE PLAN (EXISTING)

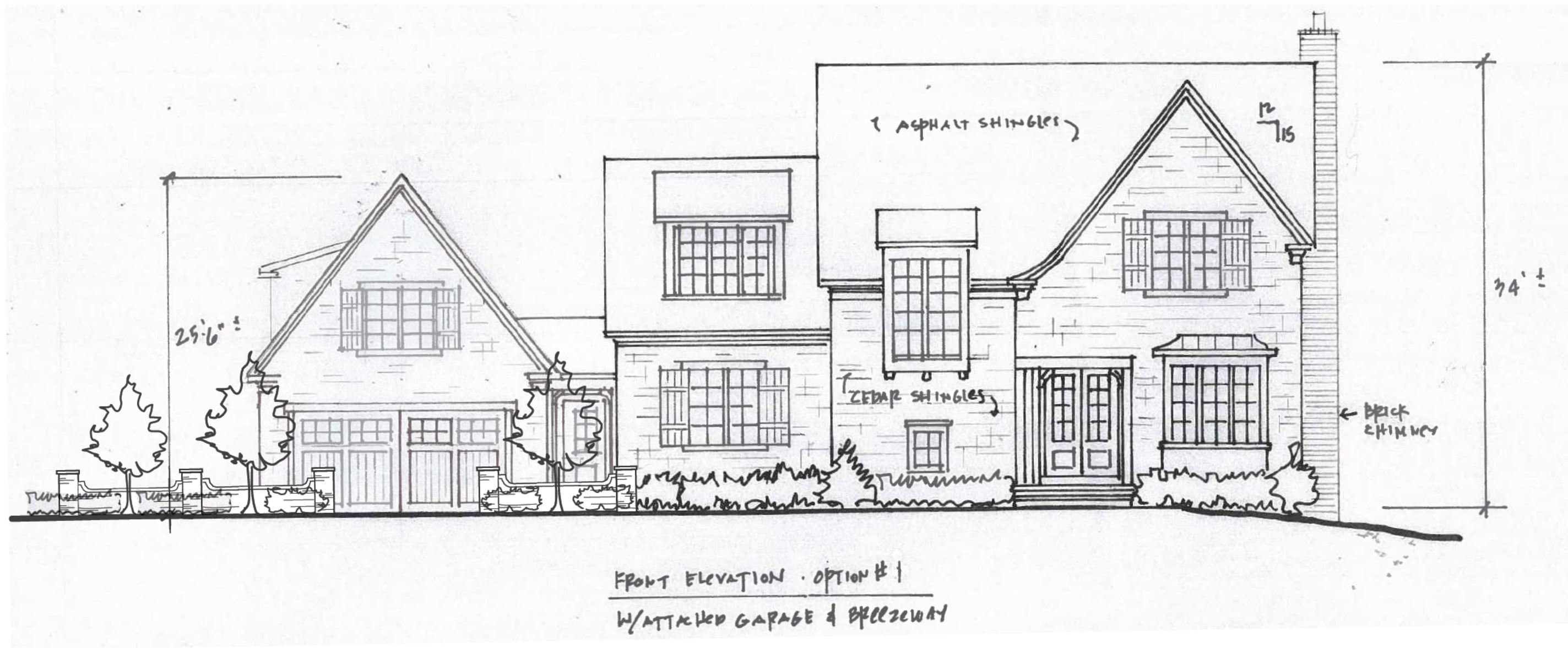
LOT SIZE: 17,528 SF
LOT COVERAGE:
2,905 SF +/- 16.57 %

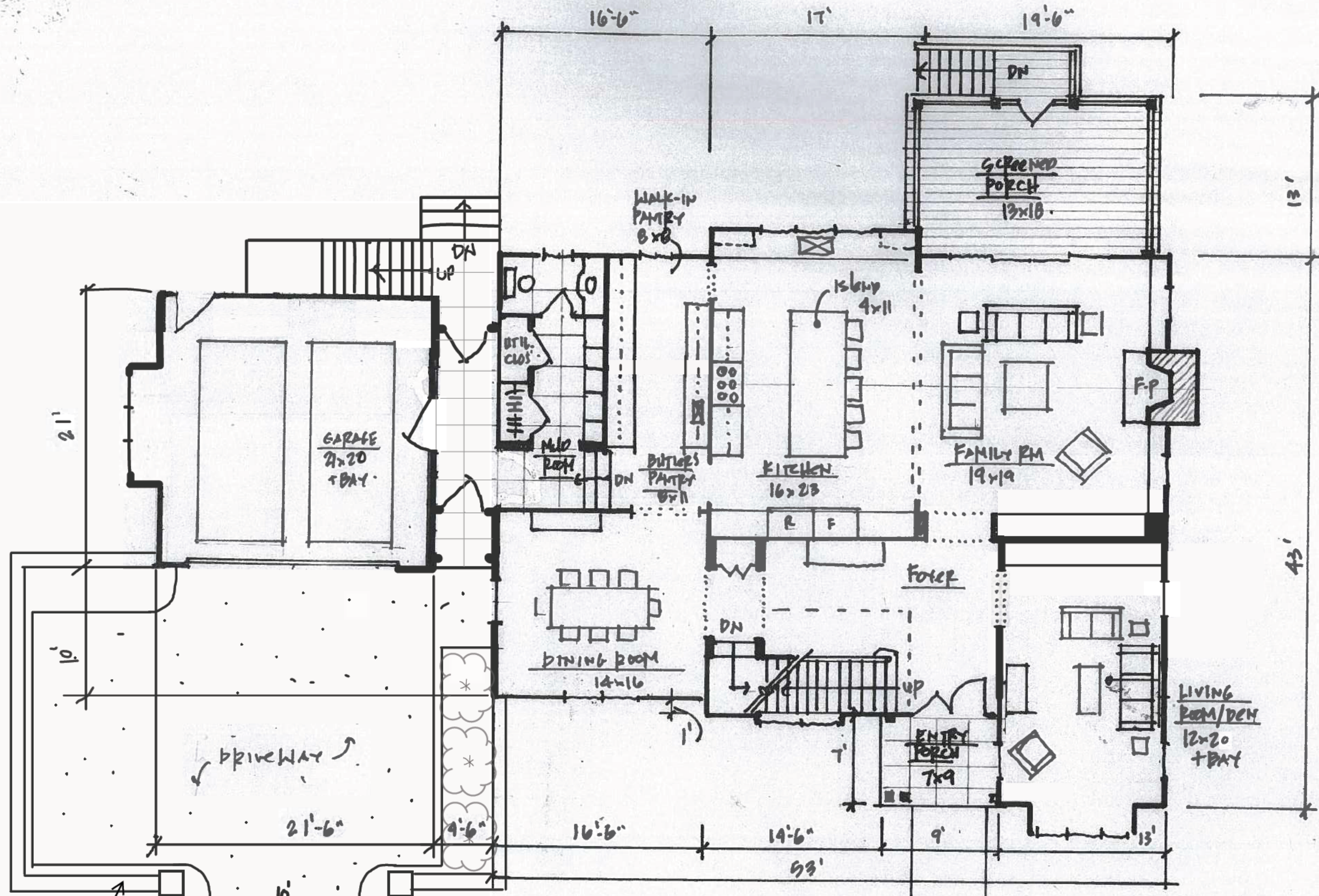
dashed line shows location of garage submitted for prelim review



SITE PLAN (PROPOSED)
OPTION 1





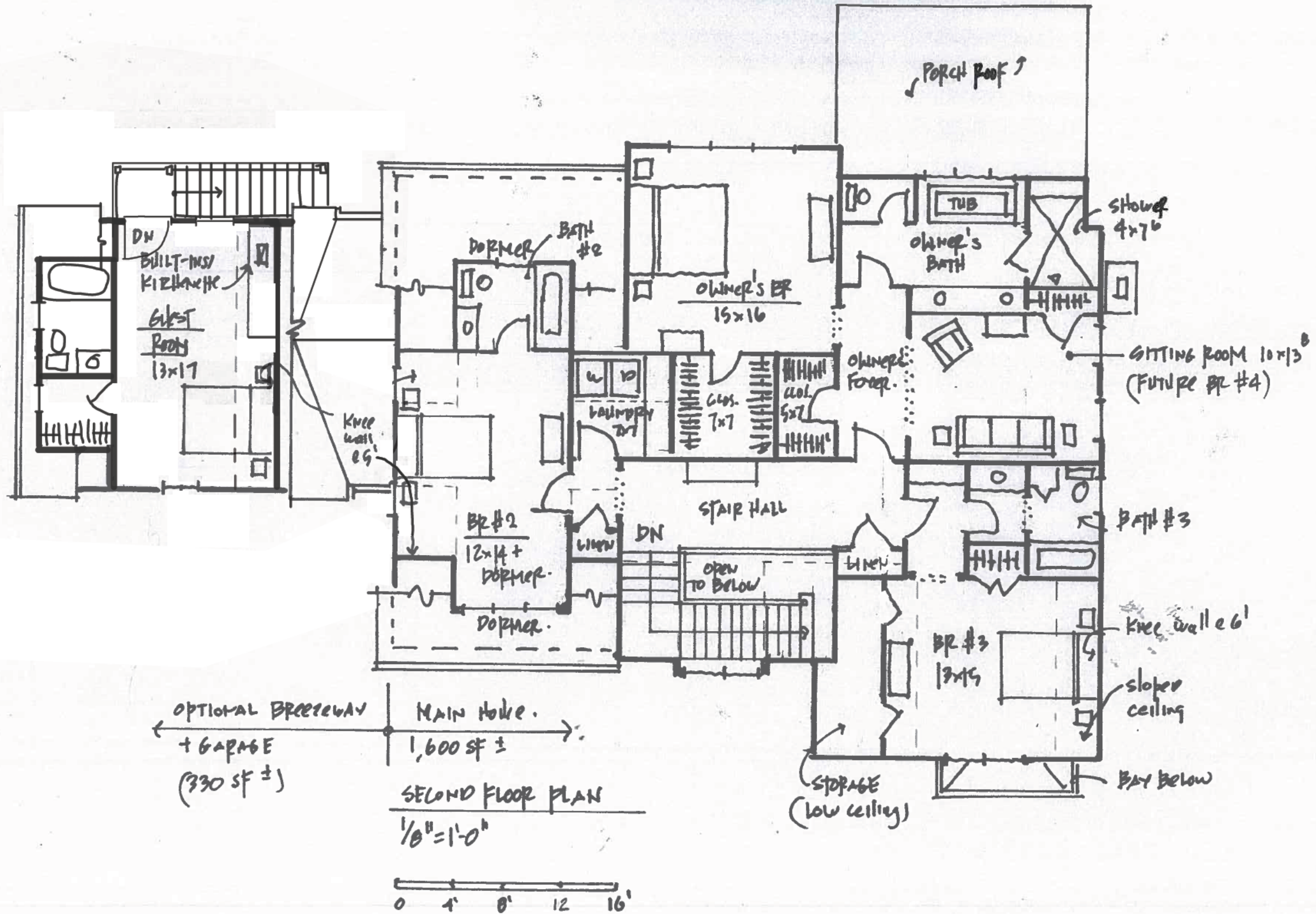


FIRST FLOOR PLAN
 1/8" = 1'-0"
 0 4' 8' 12' 16'

GROSS FINISHED AREA : 2,100 SF ±
 PORCHES : 315 SF ±
 GARAGE : 482 SF ±
2,897 SF ± TOTAL

30" ht. brick garden wall







RIGHT SIDE ELEVATION
 1/8" = 1'-0"





REAR ELEVATION - OPTION # 1

$\frac{1}{8}'' = 1'0''$



LEFT SIDE ELEVATION - OPTION #1



















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Cost A. Schuff

FOR LOCATION OF UTILITIES, CALL "MISS UTILITY" AT 1-800-227-7777, OR LOG ON TO WWW.MISSUTILITY.MD

Table with 4 columns and 10 rows for utility and permit information.

Table with 4 columns and 10 rows for utility and permit information.

A record set of approved Sediment Control/Stormwater Management plans must be maintained onsite at all times. In addition to stormwater management plans, these plans must include the number and location of all trees proposed to be planted to comply with the Tree Canopy Law.

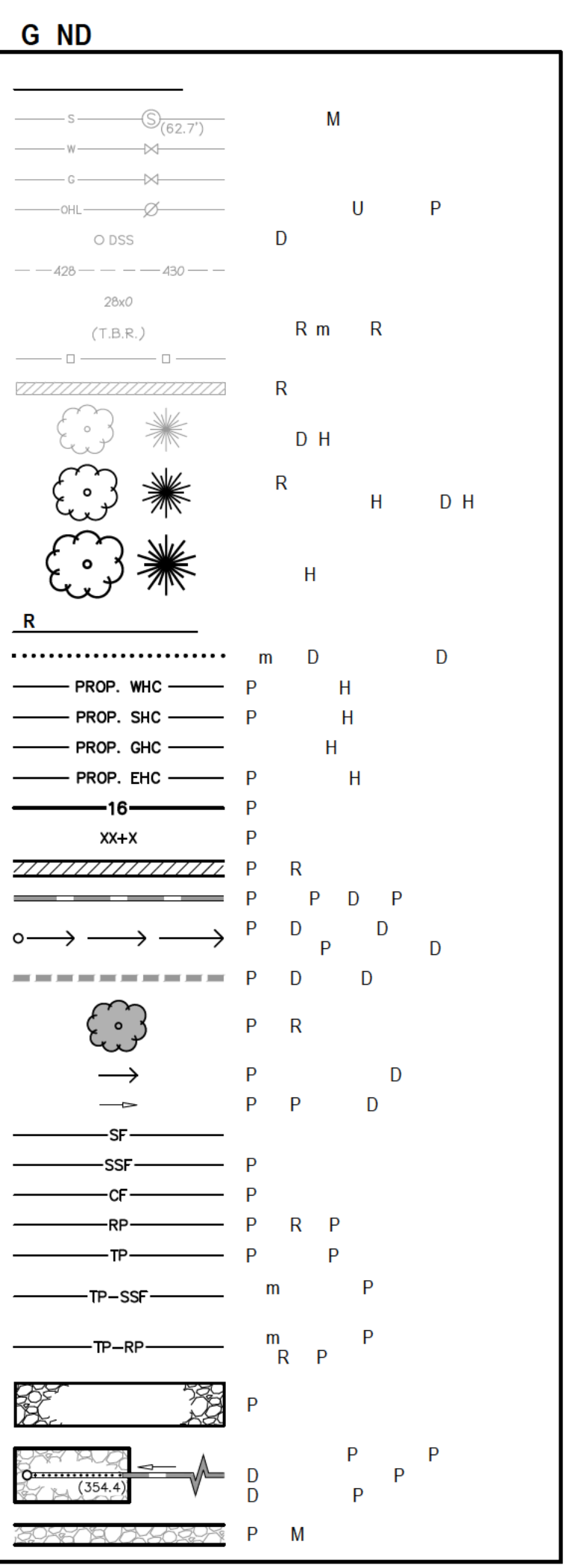
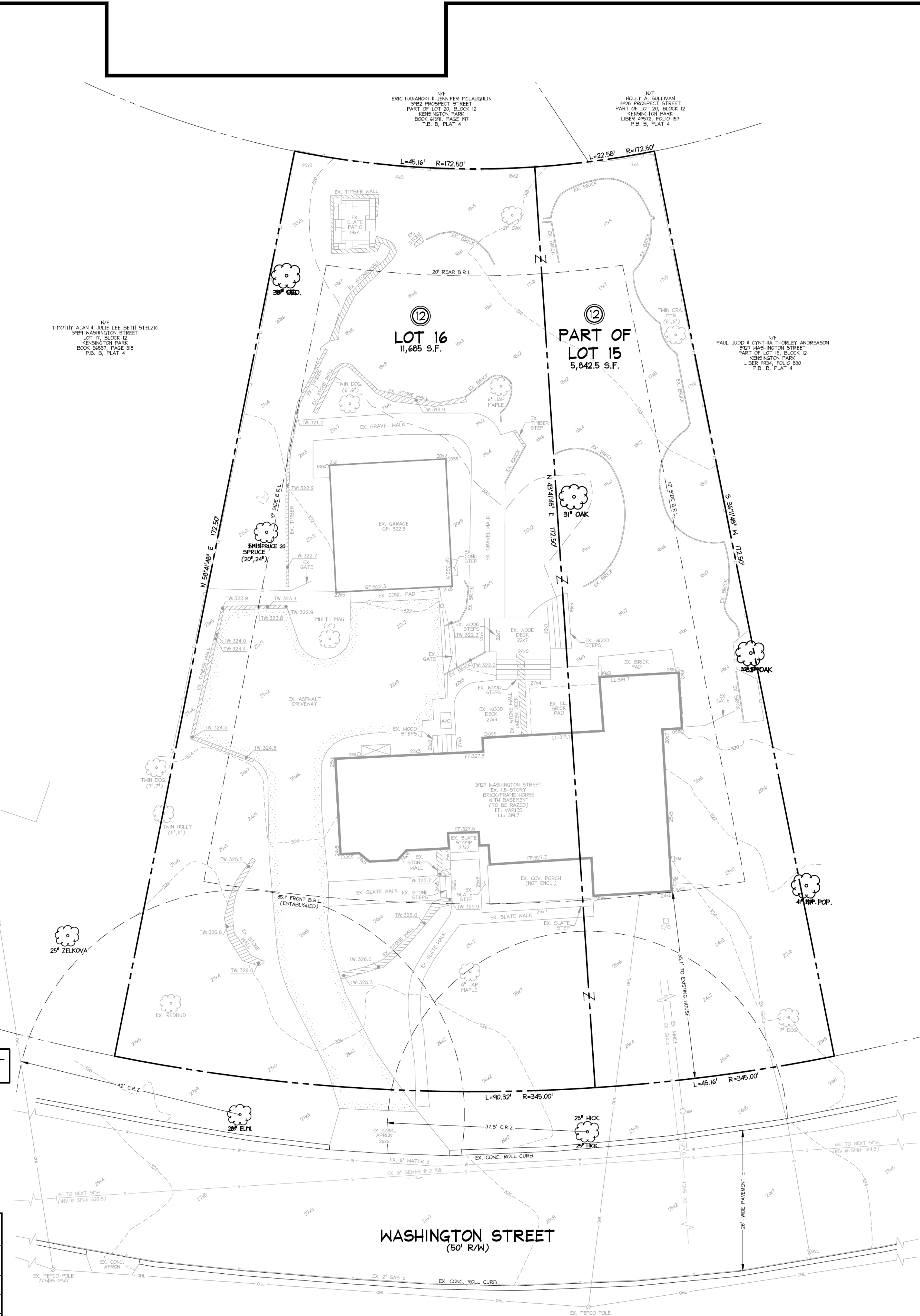


Table with 2 columns: AREA OF THE LIMITS OF DISTURBANCE (SQUARE FEET) and NUMBER OF SHADE TREES REQUIRED.

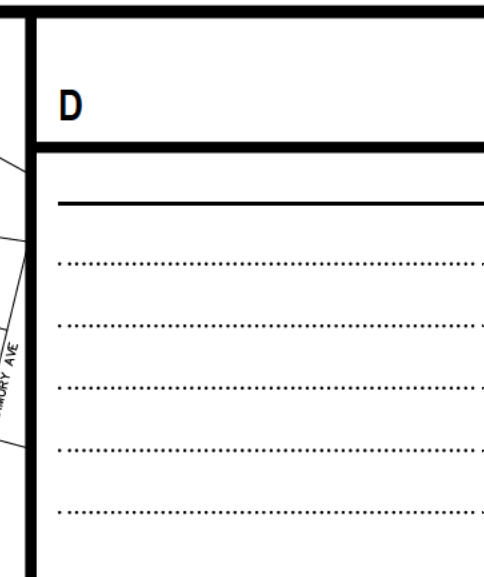


PRELIMINARY BUILDING PERMIT SITE PLAN NOT FOR PERMIT SUBMITTAL

THIS PLAN IS FOR ZONING, SEDIMENT CONTROL, AND STORMWATER MANAGEMENT APPROVAL ONLY. SEE THE RIGHT-OF-WAY IMPROVEMENTS AND ROADSIDE TREE PLAN FOR TREE PLANTING, TREE REMOVAL, AND/OR ANY NECESSARY TREE PROTECTION MEASURES AND DETAILS.

929 Washington Street at 16 & at 5 Block 12 Kensington on a K - own o Kensington - Biding emi Ste an So mwa e Ma agem nt an nd Sed men Cont l an S dment C nt ol e m t # 00 000

Table with 2 columns: REVIEWED DATE and REVIEWED, containing approval signatures and dates.

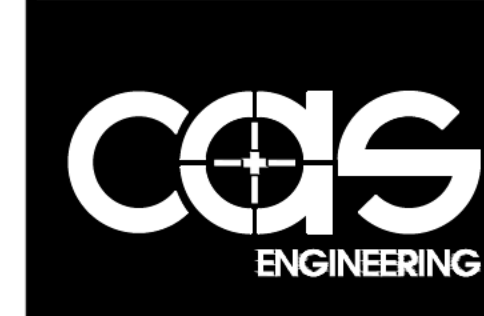


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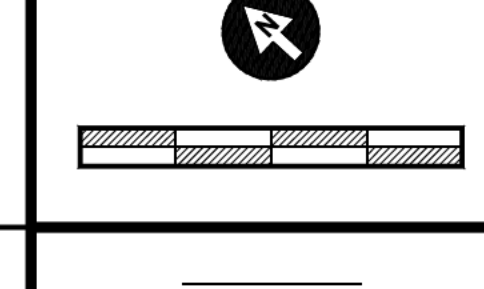
P B B P N R M MD

929 Washington Street Ken in ton Ma l nd 208 5

P B B P N R M MD



G N R G D M P m m



Building Permit Site Plan, SWM Plan, and Sediment Control Plan 1 of 3

Architecturally inspired. Technologically advanced.



Shown with Douglas Fir interiors and 5/8" Simulated Divided Lites (SDL)



CONCEALED WOOD JAMB

A wood wrapped liner covers all mechanical balance systems.



CONCEALED TILT RELEASE LATCH

Tilt release latches recessed into the lock rail leave the sash clear of all visible latch hardware.

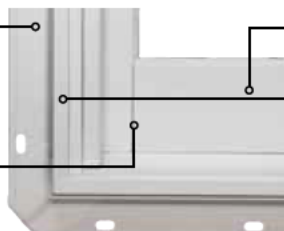


INTEGRAL LOCK / LATCH

Single dual action lock allows the sash to be unlocked and tilted with one hand.

Rigid Integral Nailing Fin makes installation easier and provides more durability than flimsy snap-in or fold-out fins found with other windows.

Butt Jointed Cladding accurately mimics traditional wood windows.

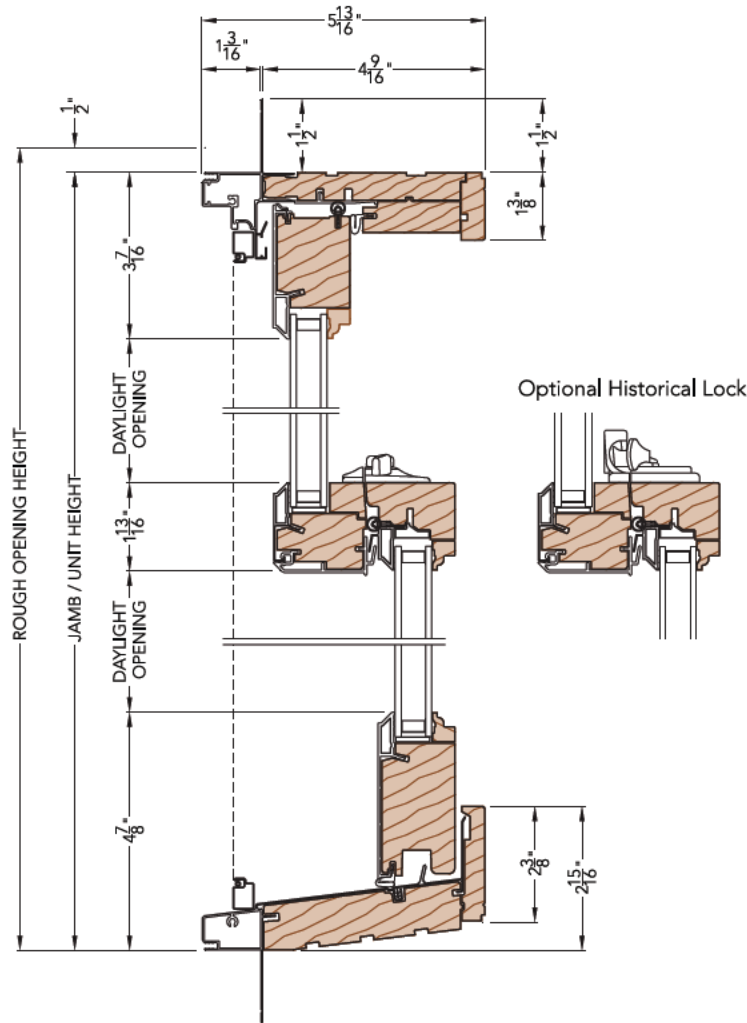


3-1/2" Bottom Rail gives proper architectural proportions.

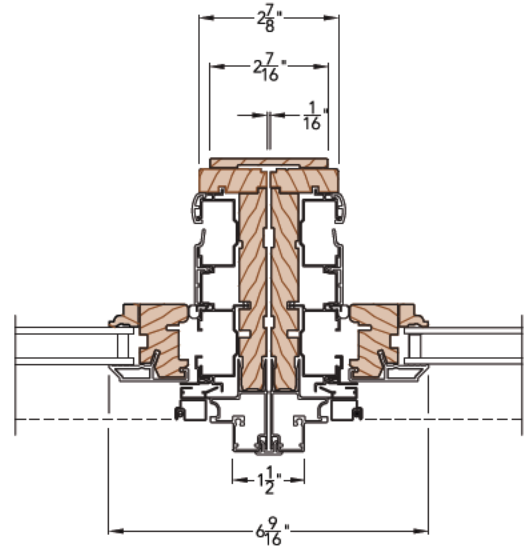
Extruded Aluminum Exteriors are very durable and virtually maintenance-free. They stand up to the harshest elements, resisting dents, dings, and scratches, and will not rot.

Double Hung Windows (8109)

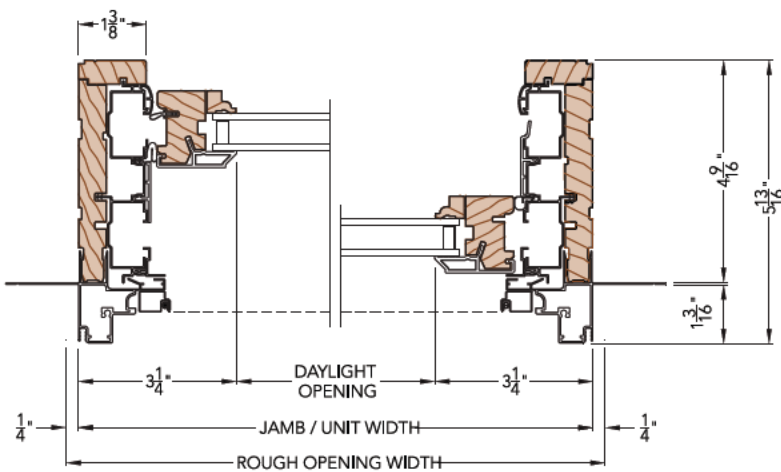
CROSS SECTIONS



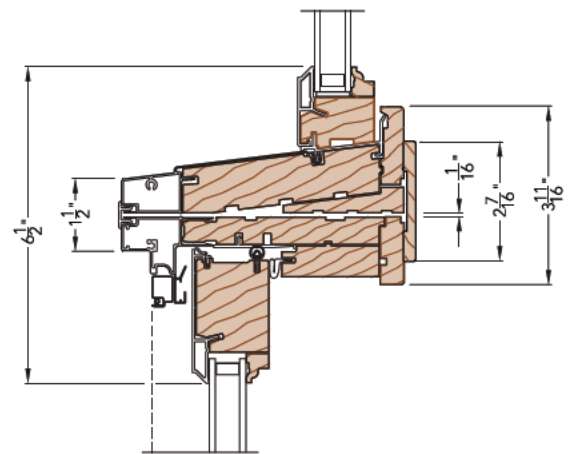
PREMIUM DOUBLE HUNG WINDOW
Vertical Section



PREMIUM DOUBLE HUNG WINDOW
Vertical Mull Section - DH / DH



PREMIUM DOUBLE HUNG WINDOW
Horizontal Section



PREMIUM DOUBLE HUNG WINDOW
Horizontal Section - Transom Stack over DH

Note: All dimensions are approximate. Weather Shield reserves the right to change specifications without notice.

Classic design, contemporary engineering.



Shown with Douglas Fir interiors and 7/8" Simulated Divided Lites (SDL)



TRICORE™ FRAME TECHNOLOGY

Fusion welded sub-frame virtually eliminates water and air infiltration at the frame joints. Sub-frame acts as a thermal barrier to stop the transfer of heat and cold through the frame.



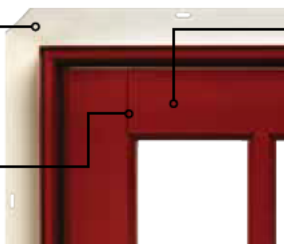
ATTRACTIVE, DEPENDABLE HARDWARE

Built for years of trouble-free use.

- Dual-arm operators
- Removable covers and levers
- Nested folding cranks
- Single lever, sequential locks

Rigid Integral Nailing Fin makes installation easier and provides more durability than flimsy snap-in or fold-out fins found with other windows.

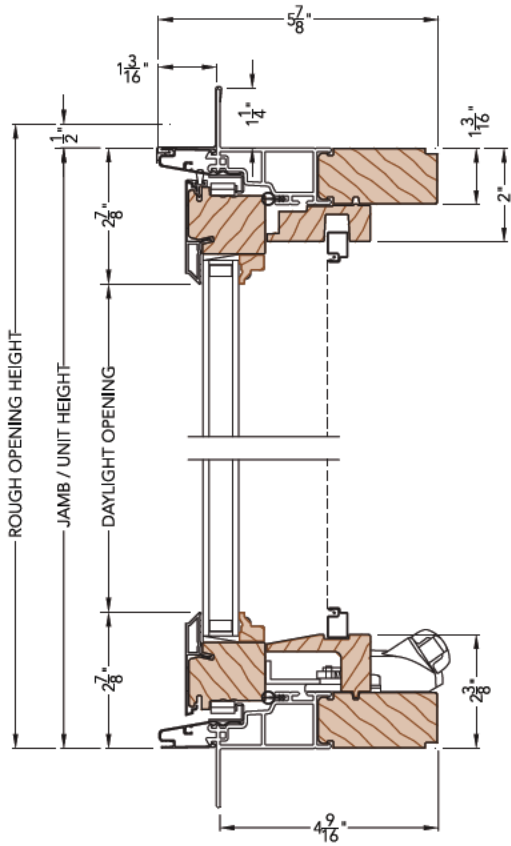
Butt Jointed Cladding accurately mimics traditional wood windows.



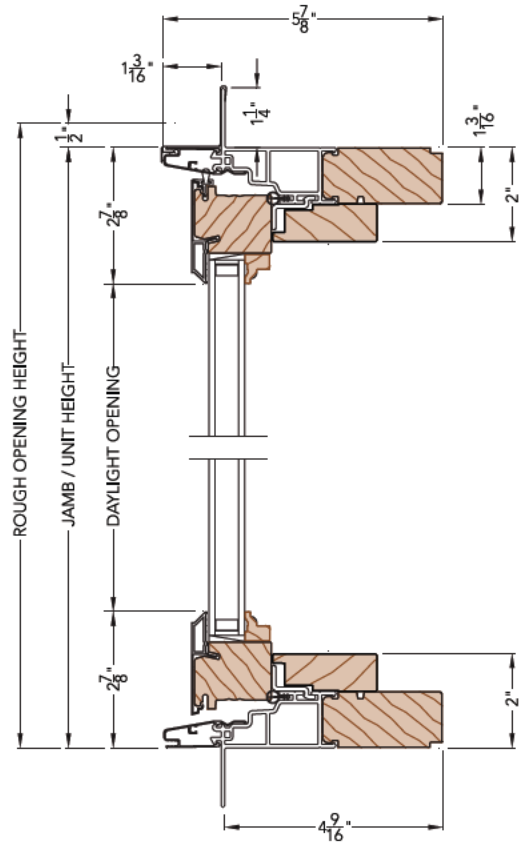
Extruded Aluminum Exteriors are very durable and virtually maintenance-free. They stand up to the harshest elements, resisting dents, dings, and scratches, and will not rot.

Casement Windows (8211)

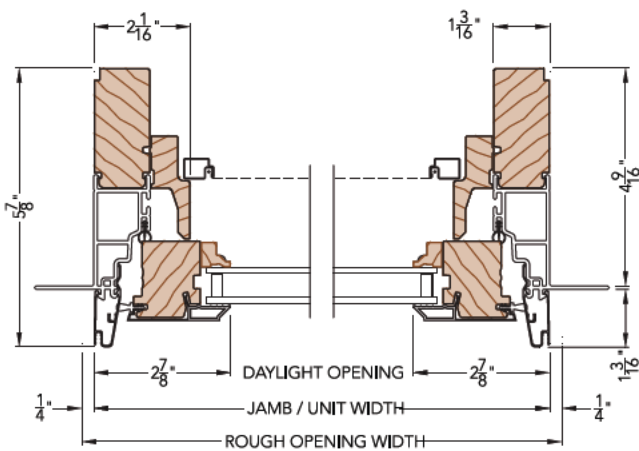
CROSS SECTIONS



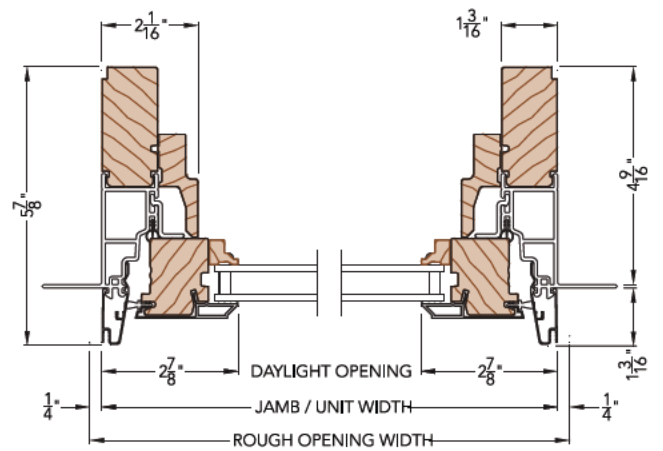
PREMIUM CASEMENT WINDOW
Vertical Section



PREMIUM CASEMENT PICTURE WINDOW
Vertical Section

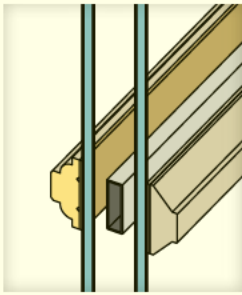
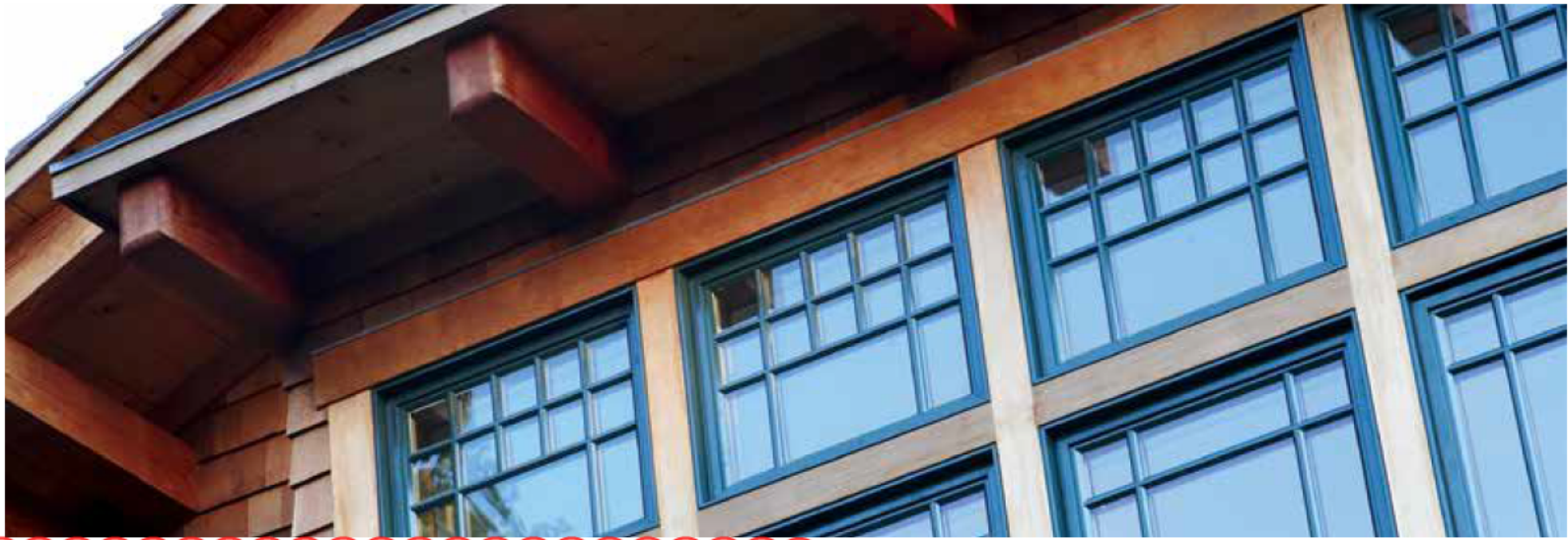


PREMIUM CASEMENT WINDOW
Horizontal Section



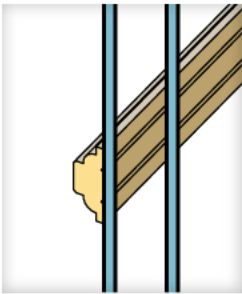
PREMIUM CASEMENT PICTURE WINDOW
Horizontal Section

Note: All dimensions are approximate. Weather Shield reserves the right to change specifications without notice.



SIMULATED DIVIDED LITE (SDL)

SDL grilles most closely imitate the old-world single pane glass options. With exterior and interior grille bars either with or without the aluminum spacer bar, SDL grilles offer the three-dimensional, clean sightlines that most traditionalists prefer.

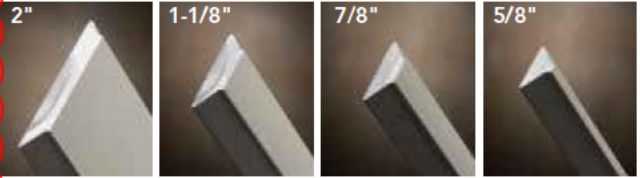


PERIMETER GRILLES

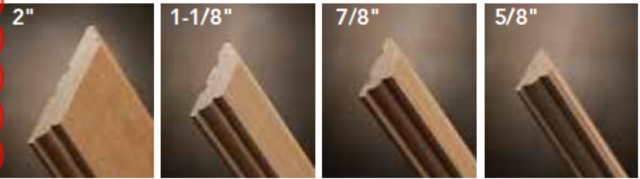
Featuring a frame design that rests on the inside of the unit, Weather Shield uses a concealed pin system to snap the perimeter grille frame securely in place. The grilles can be removed easily for cleaning the entire interior glass surface.



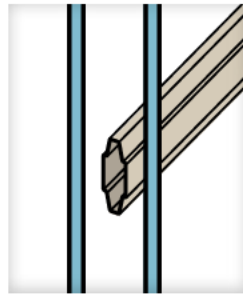
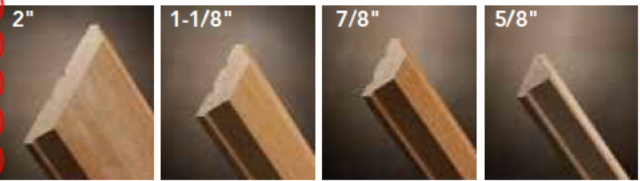
PUTTY EXTERIOR ALUMINUM PROFILE



COLONIAL INTERIOR WOOD PROFILE



PUTTY INTERIOR WOOD PROFILE



AIRSPACE GRILLES

Aluminum grille bars in either a sculpted or flat design are sealed in between the two panes of glass with airspace grilles. This simulates the look of traditional grilles while making glass cleaning a simple task.





NuCedar Shingles in RoughSawn™—Argos

Available in 14 standard colors or custom PPG Paint colors



SUPER WHITE	WOOL SKEIN	BASKET BEIGE	ARGOS	ANTIQUE WHITE	WORLDLY GRAY	WHOLE WHEAT
INTELLECTUAL GRAY	CEDAR	SVELTE SAGE	QUIVER TAN	ALEUTIAN BLUE	COASTAL PLAIN	BRACING BLUE



NuCedar Shingles

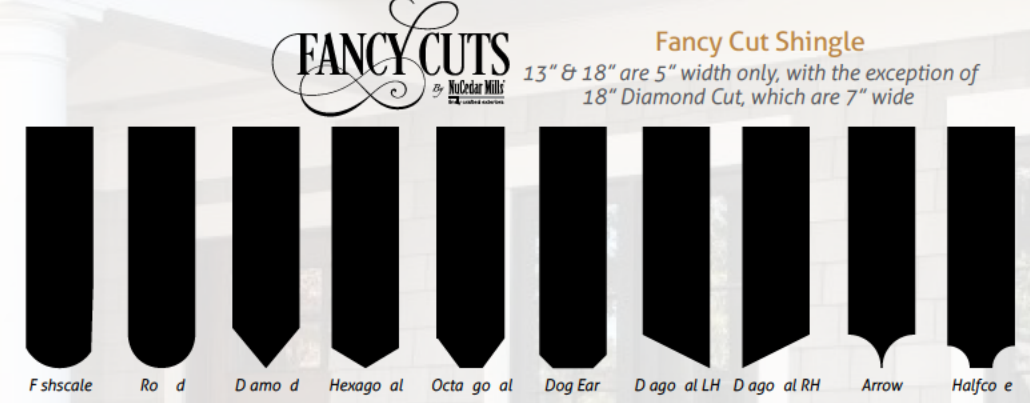
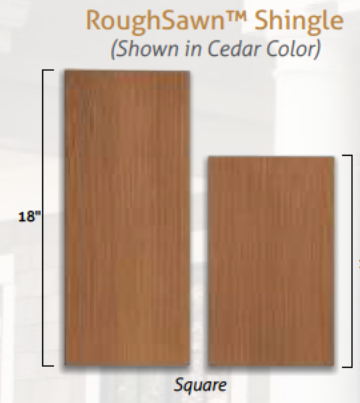
NuCedar Shingles accurately capture the natural beauty and charm of precisely tapered, resquared, and rebuted cedar shingles. With no two shingles produced exactly the same, craftsmen are able to create the quilt-like patterns once only possible with natural cedar. Available in 14 traditional colors.



Shown in Whole Wheat



Shown in Argos



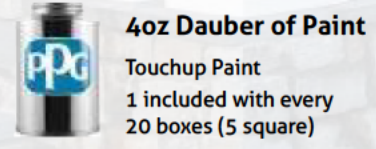
13" & 18" are 5" width only, with the exception of 18" Diamond Cut, which are 7" wide

Shingles	Exposure	Thickness	Width	Box Qty
13"	5"	Tapered up to 1/2"	4", 5", 6", 7", 8"	1/4 Square
18"	7"	Tapered up to 1/2"	5", 6", 7", 8", 9"	1/4 Square

Shingles	Exposure	Thickness	Width	Box Qty
13"	5"	Tapered up to 1/2"	5"	1/8 Square (72 shingles)
18"	7"	Tapered up to 1/2"	5"	1/8 Square (52 shingles)
18" Diamond Cut only	7"	Tapered up to 1/2"	7"	1/8 Square (38 shingles)

*1 Square 100 Sq Ft of coverage

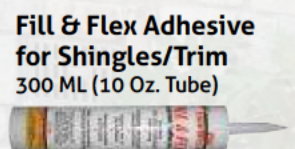
ACCESSORIES



4oz Dauber of Paint Touchup Paint
1 included with every 20 boxes (5 square)



Matching Pint, Quart or Gallon of Paint



Fill & Flex Adhesive for Shingles/Trim
300 ML (10 Oz. Tube)

INSTALLATION

NuCedar RoughSawn Shingles™ are Manufactured from PVC making them resistant to the effects of salt air, weathering, and infestation. Our shingles outperform cedar in durability and color retention, and carry a **lifetime limited warranty**.



Installs just like traditional cedar shingles. Use exterior grade roofing shank (5D Stainless) roofing nails or at least 7/16" wide crown stainless steel staples.



Utilizes Standard Trim and Cones.



Alternate shingle courses on cones to create a Woven Cone.



10810

1 Course Overview



Cedar Valley products are perfect for Distinctive homes and upscale commercial projects

Easy-To-Install Panel Saves Time.

The patented Cedar Valley panel installs easier and faster than most other siding products – on average four times faster than individual shingles. There’s no starter course, the end joints don’t require caulking and only minimal fasteners are needed per panel. Plus, the panel provides a seamless appearance with blind nailing application.

Lower Installation Costs.

The installed cost of Cedar Valley is typically lower than that of individual shingles because you can get more done with less labor and you don’t need to hire a specialized crew. A siding crew can usually install 12+ squares a day of Cedar Valley compared to only three squares a day of hand applied shingles.

A Versatile, Integrated System.

The Cedar Valley panel system of panels, corners, column wraps, specialty products and more offers builders a wide range of options to provide a fully integrated siding system. The accessory line for the 1 Course panel is more extensive and allows more flexibility in design.

Color and Factory-Finished Choices.

Cedar Valley products are available in a wide range of color and factory-finished options. Factory-finished products come in a rainbow of colors and provide extended warranties up to 50 years.

A Reputation Worthy Of Your Own.

A family owned business, Cedar Valley has been a leader in the shingle panel industry for more than 25 years. We’ve built our reputation on an ongoing commitment to quality, innovation and customer service.

There’s No Substitute for Western Red Cedar.

Cedar Valley products are made from 100 percent kiln dried Western Red Cedar for a distinctive, upscale look. Synthetic siding can’t come close to the appearance and performance of cedar. Beautiful, durable and low maintenance, cedar is the perfect compliment to any design style.

1-Course 7 1/8” Even Buttline Panel



1-Course Staggered Buttline Panel



1-Course Even Keyway Panel



Panels are available in Even Buttline, Staggered Buttline and Open Keyway shingle patterns. Specialized and Custom Exposures Panels are also available.

Standard Corners:



1-Course Flush 90° Corner



1-Course Flush 135° Corner



Add-On Corner

Custom Corners, Column Wraps and Flares:



1-C Flush



3-Piece Radius Flare Corner Set



Column Wrap



CEDAR VALLEY
Handcrafted Shingle Panels

STANDARD FACTORY FINISHED COLORS - SEMI-TRANSPARENT



Redwood SW3501



Fraser Gray PP51-13



White Birch SW3503



Woodbridge SW3504



Yankee Barn SW3505



Riverwood SW3507



Covered Bridge SW3508



Baja Beige SW3509



Cedar Bark SW3511



Coastal Pine PP529-13



Spice Chest SW3513



Hawthorne SW3518



Seacoast Gray PP203-14



Weathered Gray SW3568



Banyan Brown SW3522



Chestnut SW3524



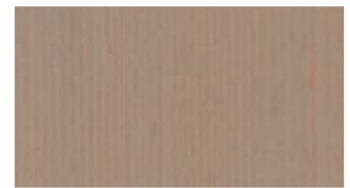
Moss Olive SW3530



Blue Shadow SW3531



Carmel Redwood PP286-16



Gray Pine SW3560



Driftwood PP569-11



Mountain Ash SW3540



Harbor Mist SW3541

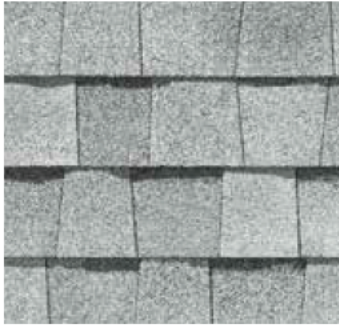


Charwood SW3542

STANDARD FACTORY FINISHED COLORS - SOLID

					
SW3001 Shagbark	SW3002 Beveledere Tan	SW3003 Buckthorne	SW3004 Summerhouse Beige	SW3005 Navajo White	SW3006 Sandcastle
					
SW3007 Lodge Brown	SW3008 Blue Spruce	SW3009 Pineneedle	SW3010 Woodsmoke Gray	SW3011 Acadia Blue	SW3012 Meadowbrook
					
SW3013 Gray Birch	SW3014 Juniper Blue	SW3015 Sequoia	SW3016 Rock Rose	SW3017 Pepperidge	SW3018 Salem Red
					
SW3019 Smoke Tree	SW3020 Cape Cod Red	SW3021 Spicewood	SW3022 Black Alder	SW3023 Flagstone	SW3024 River Birch
					
SW3025 Caribou	SW3026 King's Canyon	SW3027 Driftwood	SW3029 Ember	SW3030 Desert Wood	SW3031 Cabin Brown
					
SW3034 Cedar	SW3035 Woodbriar	SW3036 Orchard	SW3037 Shade Tree	SW3038 Palmetto	SW3039 Tobacco
					
SW3040 Cottonwood	SW3041 Cyprus Moss	SW3042 Woodland	SW3043 Cheyenne Red	SW3044 Rancho Red	SW3045 Russet Brown
					
SW3046 Pine Cone	SW3047 Almond Tree	SW3048 Yosemite Gold	SW3049 Monterey Tan	SW3050 Greenbriar	SW3051 Chesapeake

LANDMARK® PRO COLOR PALETTE



Silver Birch



Max Def Mojave Tan



Max Def Resawn Shake



Max Def Cobblestone Gray



Max Def Colonial Slate



Max Def Weathered Wood



Max Def Georgetown Gray



Max Def Driftwood



Max Def Pewter



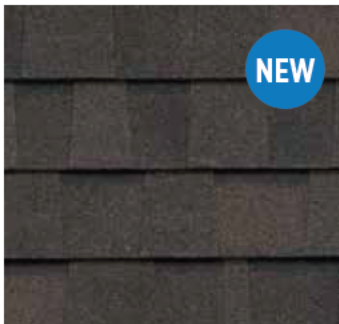
Max Def Heather Blend



Max Def Shenandoah



Max Def Burnt Sienna



Max Def Espresso



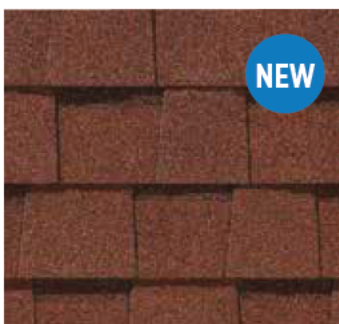
Max Def Moiré Black



Max Def Charcoal Black



Max Def Coastal Blue



Max Def Red Oak

Max Def Colors

Look deeper. With Max Def, a new dimension is added to shingles with a richer mixture of surface granules. You get a brighter, more vibrant, more dramatic appearance and depth of color. And the natural beauty of your roof shines through.

NOTE: Due to limitations of printing reproduction, CertainTeed can not guarantee the identical match of the actual product color to the graphic representations throughout this publication.

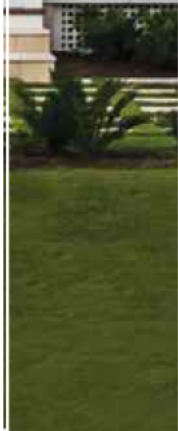


Scan code for more information



Board and Batten

With bold dimension and solid, colorful character, Board and Batten shutters distinguish homes with Old-World charm and a flourish of rustic style. These shutters offer a classic aesthetic for a variety of homes. Board and Batten shutters are a favorite choice for picturesque forest and lake homes. Popular options include z-bars, extra battens and arch or radius tops. To ensure historical accuracy, vertical grooves are approximately every 4 inches.



Standard



Z-Bar



Extra Batten



No Battens



Arch or Radius Top



Providing full utility, our durable hardware is forged from 304 series stainless steel with a matte black, powder coat finish. From depth-enhancing Slide Bolts to smoothly attractive "S" Holdbacks and Rat-tail Holdbacks, hardware pieces amplify style with endearing simplicity.

When shutters are in the open position, our traditional hardware adds beautiful dimension by setting the shutters off from the home, allowing a hint of exterior cladding to be visible between each shutter leaf and the structure for a noticeable fine touch.

TRADITIONAL HARDWARE



Pintel on Plate

- Sold in pairs
- Pintel plate - 1-1/2" x 3-1/2" x 1/8"
- Pin diameter - 3/8"
- Stainless steel with a matte black powder coat finish
- Offsets: 1/2", 1-1/2", 2-1/4", 3-1/2"



Jamb Pintel

- Sold in pairs
- Stainless steel with a matte black powder coat finish
- Offsets: 1/2", 1", 2"



4" Lag Pintel

- Sold in pairs
- Stainless steel with a matte black powder coat finish
- Pin diameter: 3/8"



Pintel Shim

- Sold as each
- Shim is 1/4" thick and stackable
- Black polyamide plastic



6" L-Hinge

- Sold in same size pairs
- Stainless Steel with a matte black powder coat finish
- Offsets: 0", 1/2", 1-1/2", 2-1/4"



Flat Hinge

- Sold in pairs
- Stainless Steel with a matte black powder coat finish
- Offsets: 0", 1/2", 1-1/2", 2-1/4"



No Throw 6" L-Hinge

- Sold in same size pairs
- Stainless steel with a matte black powder coat finish
- Offset: 0"



No Throw Flat Hinge

- Sold in pairs
- Stainless steel with a matte black powder coat finish
- Offset: 0"



Strap Hinge

- Sold in pairs
- Stainless steel with a matte black powder coat finish
- Two sizes, 10" and 12"
- 10" Offsets: 0", 1/2", 1-1/2", 2-1/4"
- 12" Offsets: 1/2", 1-1/2"



Decorative Hinge

- Sold in pairs
- Stainless steel with a matte black powder coat finish
- Non-operable
- Two sizes, 10" and 12"



6" Lag Bolt

- Sold in pairs
- Stainless Steel with a matte black powder coat finish
- For use with "S" and Rat-Tail Holdbacks



12" Slide Bolt

- Sold as each
- Stainless Steel with a matte black powder coat finish
- Two options, standard and locking



Acorn Holdback

- Sold as each
- Chromed Bronze Bullet
- Solid steel hanger bolt and spring clip



Dog Post Holdback

- Sold as each
- Stainless steel with a matte black powder coat finish



"S" Holdback

- Sold in pairs with 4" lag bolt, washer and cotter pin
- Stainless steel with a matte black powder coat finish



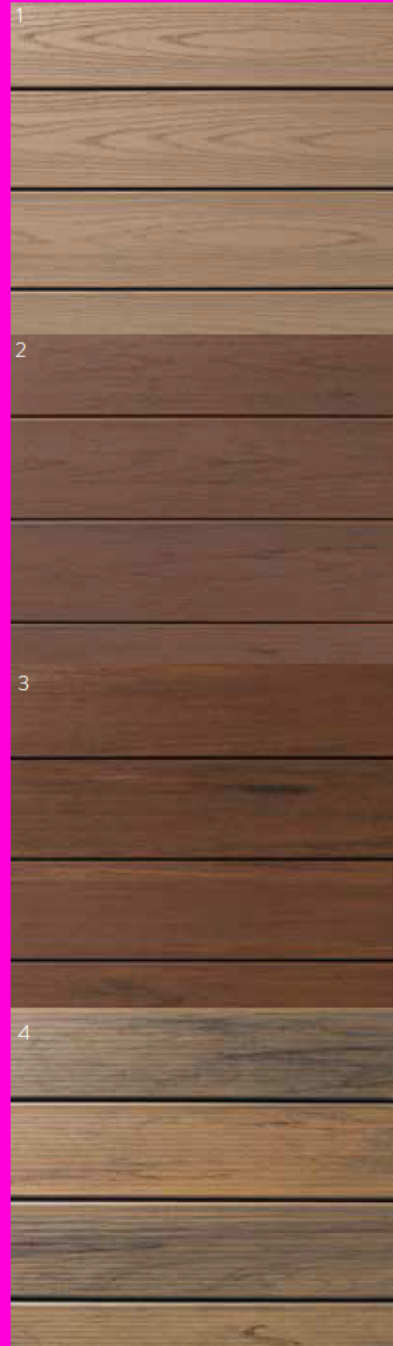
Rat-Tail Holdback

- Sold in pairs with 4" lag bolt, washer and cotter pin
- Stainless steel with a matte black powder coat finish

ACHIEVING A REAL WOOD LOOK

Natural Color Blending

TimberTech decking features a range of natural coloring options from solid colors that look like stained wood to cascading, multi-tonal color blending that resembles character-rich reclaimed wood.



SOLID

Monochromatic color for a stained or painted wood look.

BLENDED

Subtle color variation for a traditional wood look.

HIGHLY BLENDED

Varied coloring with highlights and lowlights for a premium hardwood look.

UNIQUE BLENDING

Cascading, multi-tonal color blending for a highly varied, reclaimed wood look.

1. Brownstone - Harvest Collection 2. Brown Oak - Terrain Collection
 3. Blainbury - Vintage Collection 4. Tigerwood - Legacy Collection
 5. Coconut Hook - Prime+ Collection 6. Tigerwood - Legacy Collection
 7. American Walnut - Landmark Collection 8. Weathered Teak - Vintage Collection
 9. Slate Gray - Harvest Collection

Real Wood Grains & Textured Finishes



STRAIGHT GRAIN

A linear grain without knots, for a simple, traditional wood look.



HAND-SCRAPED FINISH

A highly textured finish, ideal for unique, artisan-inspired wood looks.



CROSSCUT GRAIN

Resembles wood that has been cut perpendicular to the grain.



WIRE-BRUSHED FINISH

A subtle, textured finish often used for premium hardwoods.



CATHEDRAL GRAIN

Varying peaks and swirls across the board surface.

THE BEAUTY OF WOOD, NONE OF THE DRAWBACKS

Enjoy your favorite wood looks without the worry of splinters, fading, rotting, or wondering if your wood comes from poorly managed forests. TimberTech decking is made sustainably in the USA and features unbeatable performance — backed by industry-leading warranties — for peace of mind and a worry-free deck.



TimberTech
EVERYTHING WOOD SHOULD BE™

“ We have had TimberTech decking in every home we've owned. It is easy to install, easy to clean, and easy to maintain. ”

Ivan
Happy Homeowner
Rhinelander, Wisconsin



ADVANCED PVC

VINTAGE COLLECTION*

Exotic Hardwood Aesthetic

Capture a high-end, sophisticated look with the Vintage Collection®. Choose from rich colors that replicate the sought-after looks of premium hardwoods such as ipe, mahogany, and teak.

- Complex, multi-tonal colors to reflect the natural variations in exotic woods
- A low-gloss, wire-brushed finish for an authentic texture while letting the grain and colors shine through
- Best choice for fire zones thanks to Class A Flame Spread Rating & WUI-Compliance
- Multi-Width Decking options including narrow- (3.5"), standard- (5.5"), and wide-width (7.25") boards for design flexibility
- MAX (1.5" thick) boards available in Coastline, ideal for docks, boardwalks, and other commercial applications

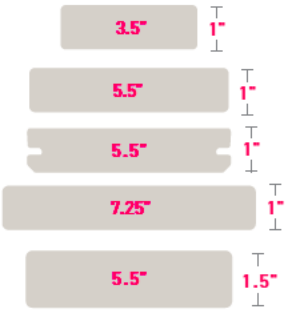
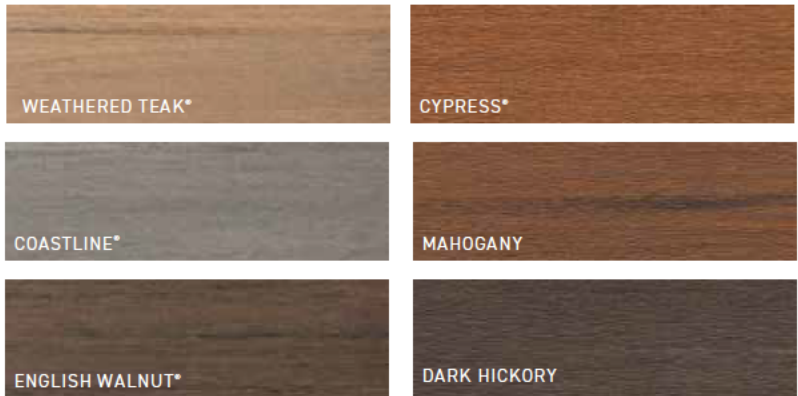


Illustration does not represent capping.



Weathered Teak® Multi-Width Decking—Vintage Collection®

COMPOSITE RAILING

HIGH PERFORMANCE & DESIGN VERSATILITY

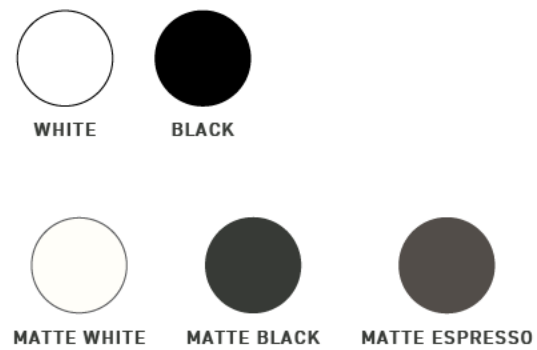


Classic Composite Series Drink Rail with Cable Infill

Looking to design a unique, custom railing for your space? With several top rail profiles and a universal bottom rail, the Classic Composite Series offers the most customization options, making mixing and matching components a breeze.

CLASSIC COMPOSITE SERIES

COLOR OPTIONS



25-YEAR LIMITED FADE & STAIN WARRANTY FOR MATTE COLORS

Rest assured your railing will stay richly hued for decades to come — no staining required. We're proud to offer one of the few 25-Year Fade & Stain Limited Warranties for composite railing colors in the marketplace.

TOP RAIL OPTIONS



PREMIER RAIL
TOP RAIL SIZE: 3.5" x 2.7"



RADIANCERAIL®
TOP RAIL SIZE: 2.9" X 2.9"

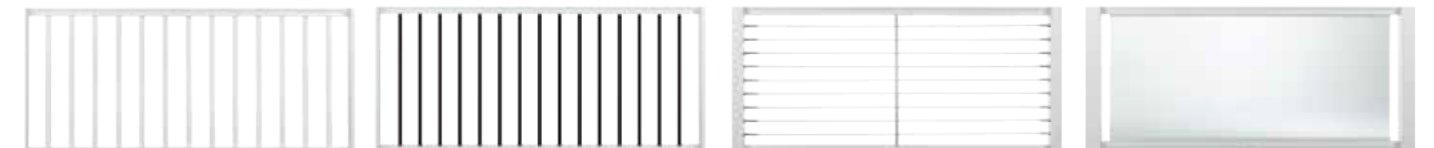


TRADEMARK RAIL™
TOP RAIL SIZE: 3.5" X 2.6"
Only available in white and matte white



DRINK RAIL
Select from any full-profile, square-shoulder deck boards. Not compatible with grooved or scalloped boards or glass infill.

INFILL OPTIONS



COMPOSITE BALUSTERS ALUMINUM BALUSTERS SQUARE AND ROUND CABLE RAIL GLASS CHANNEL KIT
Glass not included

POST CAP OPTIONS



4"x 4" CAP 4"x 4" ISLAND CAP 5" x 5" CAP 5.5" x 5.5" PYRAMID CAP 5.5" x 5.5" ISLAND CAP

ECO DUBLIN[®]

PERMEABLE PAVER

THE CLASSIC LOOK OF CUT STONE IN A MULTI-PIECE COMBINED WITH PERMEABLE TECHNOLOGY TO REDUCE STORMWATER RUNOFF





ECO DUBLIN[®]

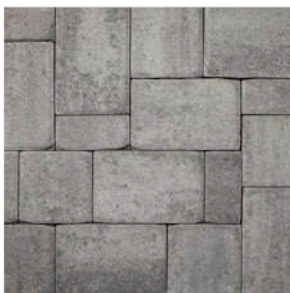
PERMEABLE PAVER

THE CLASSIC LOOK OF CUT STONE IN A MULTI-PIECE COMBINED WITH PERMEABLE TECHNOLOGY TO REDUCE STORMWATER RUNOFF

📌 FEATURES & BENEFITS

- Can eliminate stormwater runoff and improve water quality
- Meets the requirements of ASTM C936
- Optimal joint openings for infiltration
- Can be mechanically or manually installed
- Can be utilized to construct an ADA-compliant pavement
- Joint Width: 12 mm
- Initial Surface Infiltration Rate: >500 inches per hour (varies based on joint infill gradation)
- Surface Open Area: 7%
- Belgard permeable pavers can be used for a variety of different vehicular applications. Appropriate shape and thickness is based on project-specific conditions, including type of loading, base design, and subgrade conditions. It is recommended that you consult a Belgard Representative when specifying products for vehicular applications.

💧 RICHMOND SERIES



CHESAPEAKE






JAMES RIVER

Swatches represent product color only, not surface texture, dimension and/or shape.

📏 SHAPES & SIZES

3-PIECE MODULAR | 80MM

-  3½ x 6¼ x 3⅜
-  6¼ x 6¼ x 3⅜
-  10¼ x 6¼ x 3⅜

BELGARD[®] | PAVES THE WAY[™]

For more info, visit Belgard.com

MID-ATLANTIC CROFTON

2630 Conway Road
Odenton, MD 21113
Ph: 301-261-0200

RICHMOND

1231 Willis Road
Richmond, VA 23237
Ph: 804-279-7501



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Revised: 12/06/22 BEL22-412_Mid-Atlantic

AQUALINE™

PERMEABLE PAVER

LOW MAINTENANCE AND PROVEN DURABILITY
IN A CONTEMPORARY 3-PIECE SYSTEM





AQUALINE™

PERMEABLE PAVER

LOW MAINTENANCE AND PROVEN DURABILITY IN A CONTEMPORARY 3-PIECE SYSTEM

☑ FEATURES & BENEFITS

- Interlocking spacer bars for increased structural performance
- Smooth surface with a micro-chamfer to minimize vibration and enhance wheelchair comfort
- Can be utilized to construct an ADA-compliant pavement
- True installed dimensions for design optimization
- Optimal joint openings for infiltration and maintenance
- Can eliminate stormwater runoff and improve water quality
- Meets the requirements of ASTM C936
- Chamfer Width: 3 mm
- Spacer Bar Width: 10 mm
- Surface Infiltration Rate: > 500 inches per hour (varies based on joint infill gradation)
- Surface Open Area: 12%
- Can be installed mechanically

🔹 CROFTON SERIES



SABLE BLEND

🧱 SHAPES & SIZES

80MM



4½ x 9 x 3¼

BELGARD® | PAVES THE WAY

For more info, visit Belgard.com

MID-ATLANTIC CROFTON

2630 Conway Road
Odenton, MD 21113
Ph: 301-261-0200

RICHMOND

1231 Willis Road
Richmond, VA 23237
Ph: 804-279-7501



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