

Preliminary Consultation
MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION
STAFF REPORT

Address:	10201 Menlo Ave.	Meeting Date:	9/19/18
Resource:	Vacant lot Capitol View Park Historic District	Report Date:	9/12/18
Review:	Preliminary Consultation	Public Notice:	9/5/18
Applicant:	Minter Farnsworth	Staff:	Dan Bruechert
Proposal:	New Construction		

STAFF RECOMMENDATION

Staff recommends that the HPC make the recommended change by the Historic Preservation Commission (HPC) and return for either a second preliminary consultation or HAWP.

PROPERTY DESCRIPTION

SIGNIFICANCE: Vacant lot within the Capitol View Park Historic District

STYLE: N/A

DATE: N/A

The parcel is currently undeveloped and is located at the corner of Menlo Ave. and Loma St. in the Capitol View Historic District. The lot slopes steeply down a ravine and into a conservation easement that covers the rear third of the lot. When the district was surveyed and established in 1982, this area of the Capitol View Historic District was identified as associated with the period 1870-1916.

When the Capitol View Park Historic District was established in 1982, the subject property was part of a much larger parcel of the Hahn House c. 1895 (2801 Barker St.). The lot was subdivided on February 5, 1986 into six separate lots. At the time of subdivision a conservation easement was created that includes the easternmost third of the subject property. The other lots were subsequently developed, leaving the subject property as the only undeveloped land as part of this subdivision. A re-survey of the district in July 1990 identified 10201 Menlo Ave. as ‘Vacant Lot’.

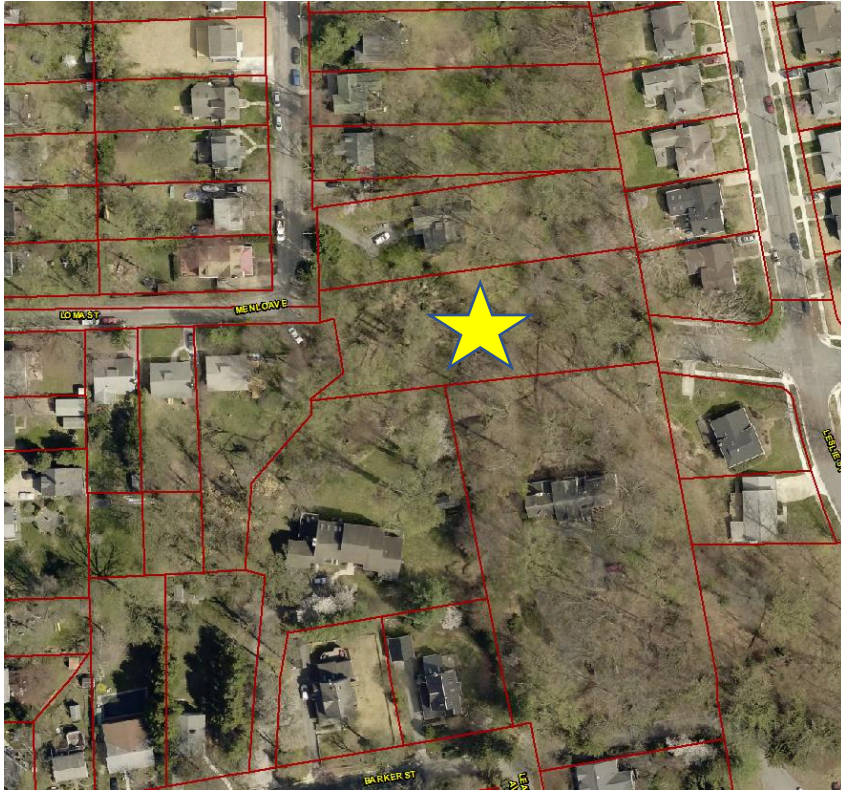


Figure 1: 10201 Menlo Ave. is located at the intersection of Loma and Menlo.

BACKGROUND

A HAWP for this property was reviewed and approved by the HPC at the February 13, 2018 HPC meeting. The approval was appealed to the Montgomery County Board of Appeals and an appeal was heard on May 23, 2018. The June 29, 2018 opinion reversed the HPC decision to approve the HAWP.*

The Board of Appeals found that:

“the Intervenor’s (Mr. Farnsworth’s) proposal is not compatible with the character and nature of the overall historic district... the Board finds that the proposed house would be visible from Menlo Avenue and is out of proportion to the houses on Menlo Avenue. The Board therefore finds that the size and massing of the propose house is not in accordance with the historic district where the Property is located and is not compatible with the historic district, and that the building of the proposed house would impair the character of the historic district... The Board finds that the Intervenor can adjust the scale and mass of the proposed house so that the proposal is compatible with the other resources within the historic district.”

PROPOSAL

The applicant proposes to construct a two-story house with a rear deck and an attached garage, construct a retaining wall, fencing, driveway and parking area.

* The previous application and Staff Report can be found at: <http://montgomeryplanning.org/wp-content/uploads/2018/01/I.A-10201-Menlo-Avenue-Silver-Spring-1.pdf>.

APPLICABLE GUIDELINES

When reviewing alterations and new construction within the Capitol View Park Historic District several documents are to be utilized as guidelines to assist the Commission in developing their decision. These documents include the *Approved & Adopted Sector Plan for Capitol View & Vicinity (Sector Plan)*, *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 Sector Plan for Capitol View & Vicinity (Sector Plan)

1. 1870-1916: Characterized by large lots and variety of setbacks, and architecturally encompassing the "Victorian" residential and revival styles and the early bungalow style popular during this period, these twenty-two houses are of a higher degree of architectural and historical significance than the other structures within the district.
 3. Nominal: These house of themselves are of no architectural of [sic] historical significance, but through their contiguity to the significant resources have some interest to the district.
 4. Spatial: Spatial resources are unimproved parcels of land which visually and aesthetically contribute to the setting of the historic district, and which can be regarded as extensions of the environmental settings of the significant historic resources.
- * Note: All the *Approved and Adopted Sector Plan for Capitol View & Vicinity* does not apply more stringent review to certain classes of resources in the same manner as the Design Guidelines for Takoma Park or Chevy Chase.

Montgomery County Code, Chapter 24A Historic Resources Preservation

(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 insure 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
- (3) The proposal would enhance or aid in the protection, preservation and public or private utilization of the historic site or historic resource located within an historic district in a manner compatible with the historical, archeological, architectural or cultural value of the historic site or historic district in which an historic resource is located; or
- (4) The proposal is necessary in order that unsafe conditions or health hazards be remedied; or
- (5) The proposal is necessary in order that the owner of the subject property not be deprived of reasonable use of the property or suffer undue hardship; 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.)

The Secretary of the Interior’s Standards for Rehabilitation

- 9. New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work shall be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportions, and massing to protect the integrity of the property and its environment.

STAFF DISCUSSION

The applicant proposes to construct a single-family home on the property located at 10201 Menlo Ave. and seeks feedback from the HPC prior to the submission of a HAWP application.



Figure 2: View of the house from the corner of Menlo Ave. and Loma St

Lot Restrictions

The subject property is located at the intersection of Loma St. and Menlo Ave. The lot has several challenges that somewhat limit what can be built on the site. First, the lot offers narrow access at the corner of Loma and Menlo. Much of the lot sits to the south of Loma St., so that only 15’ (fifteen feet) of the property abuts the public right-of-way. There are no other locations where a driveway onto the site could go. Second there are several utility easements that run

across the site. There is a 25' (twenty-five foot) storm water easement, a 20' (twenty foot) water easement, and a 12' (twelve foot) sewer easement that runs both north to south and another that runs east to west. The applicant is permitted to pave on top of these areas, but may not build on them. Finally, there is a conservation easement in the rear of the lot, encompassing 12,478 ft² (twelve thousand, four hundred and seventy-eight square feet), which is approximately forty-three percent of the total lot. Nothing may be constructed or altered within this easement. These limitations, coupled with zoning setback requirements, create a buildable envelope of 5,160 ft² (five thousand, one hundred sixty square feet) in the southwestern corner of the lot.

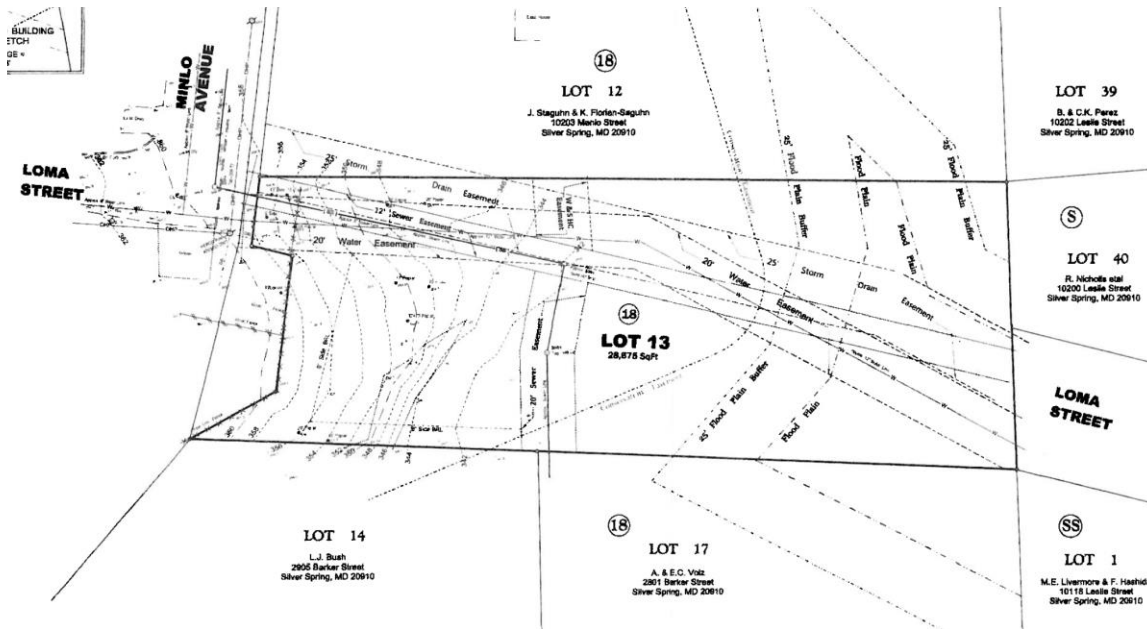


Figure 3: The subject lot with the identified easements.

The applicant included site plans showing the individual easements with the application materials.

Size and Massing

The proposed construction will be 23' (twenty-three feet) above the grade of Menlo Ave. Staff finds that the height is generally consistent with the surrounding district (see the streetscape study below).

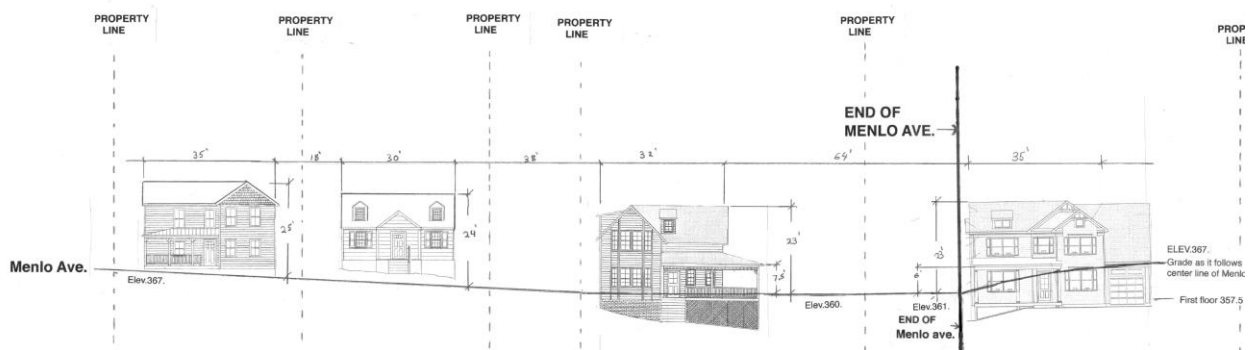


Figure 4: Streetscape study along Menlo Ave.

The applicant included a setback study (shown below). The setbacks on this section of the historic district range from approximately 22' (twenty-two feet) to nearly 92' (ninety-two feet). While the setback of the proposed construction is slightly deeper than many of the late 19th century and 1920s houses further up the block, it is generally consistent with the existing streetscape.

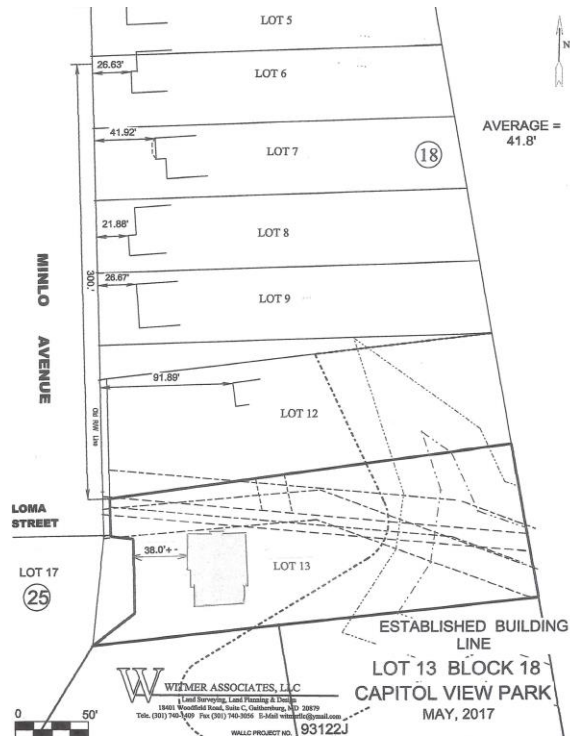


Figure 5: Setback study along Menlo Ave.

One of the questions of compatibility has to do with the overall size of the proposed new construction. The applicant has presented a table of the square footage of the roof area of houses in the area. Absent other methodology of measuring livable house square footage, Staff finds this to be an acceptable, apples-to-apples comparison. The subject property as proposed is 1933.7 ft² (one thousand, nine hundred thirty-three point seven square feet). Of the other properties that were part of the subdivision of the Hahn house (including the Hahn house), the average roof square footage is 2421.6 (two thousand, four hundred twenty-one point six square feet). Staff finds that this is generally a reasonable comparison from the subject property, as four of these properties are infill construction, reviewed and approved by the HPC. The other buildings along Menlo are generally smaller than the proposed construction and are a mix of historic and infill houses average 1,337.75ft² (one thousand, three hundred thirty-seven point seven five square feet).

Architectural Design and Compatibility

The proposed house will be a two-story house, gable-L house, three bays wide, with a small front porch on the left, and an attached garage. The house will be clad in Hardi clapboard siding, with vinyl one-over-one windows, and shingle siding. Only two elevations, the west and north, will be visible from the public right-of-way from within the district.

On the first floor, the west (front) elevation of the house has paired one-over-one windows to the left and right of the centrally placed front door. There is a garage over the left window pair and the front door covered in a shed roof with a metal roof. The second floor also has paired one-over-one windows flanking a central sash window. There is a shed dormer with a pair of one-lite casement windows over the left pair of windows. The windows on the west elevation all have applied shutters. The shutters are significantly smaller than the window openings and appear to be a simple two panel configuration. There are two front facing gables. The larger of the two is over the central door and right pair of windows with a smaller projecting gable over only the right pair of windows. Both gables have decorative stickwork. To the right of the main house massing is a one-bay garage. No information on the material of the garage door was included with the submitted materials.

The north (left) elevation has a small projecting stair bay in the center of elevation. The bay projects approximately 10" (ten inches) from the wall plane. There are two side facing gables on this elevation, one over the central stair windows and front room windows, and a smaller gable over the stair bay. Both gables have a horizontal section of metal shed roofing below, similar to a return, running the full-width of the gable. The windows to the front and rear are one-over-one sash windows, while the windows in the stair bay are single-lite fixed windows. The steep drop off of the lot will expose much of the foundation on this elevation, which will be concrete with a stamped brick pattern.

The east (rear) elevation expresses three full floors as the grade change drops off significantly. All three floors of the rear are clad in Hardi siding. The rear is four bays wide with a combination of paired and single windows, with a single fixed casement window in the left-most opening on the second floor. There is a pair of doors at the basement level, and another on the first floor that provides access to the wood and Azek deck with Wolf metal railing.

The south (right) elevation is made up of the garage and living space above. There are two one-over-one windows on each floor. The roof of this elevation has two different slopes, with a steep, 14/ 12 slope in the front and a gentler 4/12 slope to the rear.

Findings

The applicant has lowered the height of the proposed construction by three feet, from 26' (twenty-six feet) above the grade at Menlo Ave. in the previous approval to 23' feet. This height is identical to the neighboring house and lower than both 10205 and 10207 Menlo Ave. Staff finds that the height is consistent with the surrounding district. The width of the main mass of the current proposal is 35' (thirty-five feet), plus an additional 12' (twelve feet) for the attached garage. Staff finds that width of the main massing of the house is generally consistent with the surrounding homes (see Fig. 4). The garage adds width to the house; however, Staff finds that its visual impact is mitigated by the inset of the garage wall plane and the limited angle that the house is visible from the public right-of-way (see Fig. 3). Staff additionally finds that changing the house form from a side gable house with two front gable dormers to what is in effect a gable-L house form helps to lessen the mass of the house at the front wall plane. Staff finds that these changes have created a house form that is compatible with the size, scale, and massing of the neighboring buildings on Menlo Ave.

Staff finds that the design of the house requires some modification before it would be determined to be compatible with the surrounding historic district. In general, Staff's comments can be summed up as simplify and add depth. In simplifying, Staff recommends that the applicant remove the decorative work under the gable roofs. The applicant should eliminate the shed projections in the gables, both the full-width shed projections and the corner return. Staff also encourages the removal of one or both of the stick elements in the front-facing gable roofs. Staff's other overall recommendation is that more depth needs to be added in the facades to create more variation. Staff is concerned that the flat Hardi, combined with the flat vinyl windows and relatively flat shutters will create a very flat building. In order to create and add some more depth, Staff encourages the applicant to enlarge some of the wall offsets. As an example, the projecting stair bay is only offset by 10" (ten inches). If this element projected closer to 2'-3' (two to three feet) the offset would add more variation to the elevation and would allow this element to be read as a traditionally designed stairwell. The same could be undertaken in the front gable, by either pushing the front entrance back to be co-planer with the left windows or bring it forward in the same plane as the windows on right. Staff believes that these alterations would improve the proposed house so that it would read more like a contemporary interpretation of a traditional farmhouse in keeping with the surrounding architecture, and better meet the standards for compatibility.

Staff has three recommendations for the revisions for proposed windows. First, Staff recommends that the HPC require a window with more depth than a traditional Andersen vinyl window (as proposed). As this is new construction, substitute materials are generally allowed, but an aluminum clad window or milled composite window may provide more depth in the frame, creating a more compatible appearance. Second, Staff finds that the proportions of the windows appear to be slightly too wide for the proportions of the house. Staff finds that either a narrower window or a SDL lite pattern would effectively accentuate the vertical orientation of the window. Staff request the HPC provide opinions and comments for revision. Third, if the house design will include shutters on any of the elevations, at a minimum, the shutters should be the same width as the window openings. Staff recommends operable shutters, but finds that the visual character is more important.

Staff finds that the window arrangement on the north elevation is not in keeping with the rationally stacked windows found in traditional architecture and encourages a revision to this design. The windows to the left of the stair bay create an unbalanced appearance. Staff encourages the applicant to revise the design so that these windows are either placed in the center of the wall plane or that another row of windows is added to the left to provide more visual balance, more in keeping with traditional architecture.

Staff finds that the shed dormer does effectively break up the mass of the roof. However, Staff finds that the dormer is out of scale with the windows in the building and recommends the HPC provide guidance on revising this element. Staff recommends that the dormer either be widened to match the width of the windows below or be eliminated based on the feedback from the HPC.

In front of the house the applicant proposes to construct an asphalt driveway and apron. Because of the limited frontage, there is no on-street parking adjacent to the subject lot. Much of the proposed asphalt apron will be obscured by the 4' (four foot) and 6' (six foot) tall vertical board

privacy fence in front of the house. Much of this fence is a continuation of the fence installed at 2900 Loma St. The applicant further proposes to create terraced retaining walls using 6" × 6" (six inch by six inch) railroad ties. These terraces will be created at the edge of the property on the north and south of the lot.

Staff finds that the massing, size, and placement of the proposed house are generally consistent with the surrounding district, and that if Staff's recommended design revisions are made, the proposed house will be architecturally compatible with the surrounding district.

Tree Removal

In order to accommodate the proposed construction, the application proposes to remove a total of nine trees on the site. Four of these trees are located at the entrance to the lot and have to be removed. Staff finds that to deny the applicant the ability to remove these trees would deny any reasonable use of the subject property, contravening 24A-8(b)(5). Another three trees are at the center of the buildable envelope and any house construction on the site would require the removal of these trees. Two more trees proposed for removal are located near the southern property boundary within the limits of disturbance. Staff finds that the proposed tree removal will impact the character of the site but, so will the construction of any house on this lot. Under the forest conservation program, the applicant is required to re-plant trees one-for-one or pay a fee in lieu. Staff recommends that a maximum number of trees be re-planted on the site and that the species and placement be included with the HAWP application.

Environmental Concerns

The proposed house sits on an environmental sensitive area with a branch of Rock Creek running along the eastern edge of the lot within a conservation area. The applicant has undertaken soil testing (included in the application materials) according to Montgomery County Department of Permitting Service guidelines.

In order to address the storm water management requirements, the applicant proposes to install three drywells in the eastern portion of the lot. This section of the lot is outside of the sewer easements and outside of the conservation easement. The installation of these drywells will not result in a visual change to the site, and Staff finds that they will result in no material change.

The applicant has informed Staff that there is a known storm water drainage issue and has been working with the Department of Public Works to get the issue resolved prior to construction beginning on the site. If this work is undertaken, it will occur in the identified 25' (twenty-five foot) Storm Drainage Easement and will be covered with ground cover. This easement pre-dates the conservation easement and is recorded on the plat map. This work, which will not be undertaken by the applicant, will not require a HAWP.

STAFF RECOMMENDATIONS

Staff recommends that the applicant makes the following revisions and any additional changes recommended by the Historic Preservation Commission (HPC) and return for either a second preliminary consultation or HAWP:

- The shed projections and returns should be eliminated from the gable roofs;
- The stickwork should be removed from at least one of the front-facing gables;

- The front entrance should either be brought forward to be co-planer with the windows to the right or pushed back to be co-planer with the windows on the left;
- The windows employed in the house should have depth consistent with a wood window;
- The windows should either be narrowed or have a grill pattern installed to accentuate the building's verticality;
- The shutters should be either removed from the design or sized to the window width;
- The left stair bay should be enlarged to project further from the wall plane of the house;
- A second row of windows should be added to the left of the stair bay on the north elevation;
- The shed dormer should either be widened to match the windows below or be eliminated;



HISTORIC PRESERVATION COMMISSION
301/563-3400

APPLICATION FOR HISTORIC AREA WORK PERMIT

Contact Email: farnsworthhomes@verizon.net Contact Person: Minter Farnsworth
 Daytime Phone No.: 301-370-8625
 Tax Account No.: 02610440
 Name of Property Owner: 10201 Menlo LLC Daytime Phone No.: 301-370-8625
 Address: 25101 Peachtree Rd Clarksburg, MD 20871
Street Number City State Zip Code
 Contractor: Minter P. Farnsworth III Phone No.: 301-370-8625
 Contractor Registration No.: 126100
 Agent for Owner: same Daytime Phone No.: 301-370-8625

LOCATION OF BUILDING/PREMISE

House Number: 10201 Menlo Ave Street: _____
 Town/City: Silver Spring Nearest Cross Street: Loma St.
 Lot: 13 Block: 18 Subdivision: Capitol View Park
 Liber: 54526 Folio: 00309 Parcel: N/A

PART ONE: TYPE OF PERMIT/ACTION AND USE

1A. CHECK ALL APPLICABLE:

- Construct
- Extend
- Alter/Renovate
- Move
- Install
- Wreck/Raze
- Revision
- Repair
- Revocable

CHECK ALL APPLICABLE:

- A/C
- Slab
- Room Addition
- Porch
- Deck
- Shed
- Solar
- Fireplace
- Woodburning Stove
- Single Family
- Fence/Wall (complete Section 4)
- Other: _____

1B. Construction cost estimate: \$ 350,000

1C. If this is a revision of a previously approved active permit, see Permit # N/A

PART TWO: COMPLETE FOR NEW CONSTRUCTION AND EXTEND/ADDITIONS

2A. Type of sewage disposal: 01 WSSC 02 Septic 03 Other: _____
 2B. Type of water supply: 01 WSSC 02 Well 03 Other: _____

PART THREE: COMPLETE ONLY FOR FENCE/RETAINING WALL

3A. Height 6 feet 0 inches

3B. Indicate whether the fence or retaining wall is to be constructed on one of the following locations:

- On party line/property line
- Entirely on land of owner
- On public right of way/easement

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

[Signature]
 Signature of owner or authorized agent

9.25.17
 Date

Approved: _____ For Chairperson, Historic Preservation Commission

Disapproved: _____ Signature: _____ Date: _____

Application/Permit No.: _____ Date Filed: _____ Date issued: _____

814607

**THE FOLLOWING ITEMS MUST BE COMPLETED AND THE
REQUIRED DOCUMENTS MUST ACCOMPANY THIS APPLICATION.**

1. WRITTEN DESCRIPTION OF PROJECT

a. Description of existing structure(s) and environmental setting, including their historical features and significance:

Construct new house on
vacant lot

b. General description of project and its effect on the historic resource(s), the environmental setting, and, where applicable, the historic district:

Construct new house, retaining walls,
deck and fence compatible with
the neighborhood

2. SITEPLAN

Site and environmental setting, drawn to scale. You may use your plot. Your site plan must include:

- a. the scale, north arrow, and date;
- b. dimensions of all existing and proposed structures; and
- c. site features such as walkways, driveways, fences, ponds, streams, trash dumpsters, mechanical equipment, and landscaping.

3. PLANS AND ELEVATIONS

You must submit 2 copies of plans and elevations in a format no larger than 11" x 17". Plans on 8 1/2" x 11" paper are preferred.

- a. Schematic construction plans, with marked dimensions, indicating location, size and general type of walls, window and door openings, and other fixed features of both the existing resource(s) and the proposed work.
- b. Elevations (facades), with marked dimensions, clearly indicating proposed work in relation to existing construction and, when appropriate, context. All materials and fixtures proposed for the exterior must be noted on the elevations drawings. An existing and a proposed elevation drawing of each facade affected by the proposed work is required.

4. MATERIALS SPECIFICATIONS

General description of materials and manufactured items proposed for incorporation in the work of the project. This information may be included on your design drawings.

5. PHOTOGRAPHS

- a. Clearly labeled photographic prints of each facade of existing resource, including details of the affected portions. All labels should be placed on the front of photographs.
- b. Clearly label photographic prints of the resource as viewed from the public right-of-way and of the adjoining properties. All labels should be placed on the front of photographs.

6. TREE SURVEY

If you are proposing construction adjacent to or within the dripline of any tree 6" or larger in diameter (at approximately 4 feet above the ground), you must file an accurate tree survey identifying the size, location, and species of each tree of at least that dimension.

7. ADDRESSES OF ADJACENT AND CONFRONTING PROPERTY OWNERS

For ALL projects, provide an accurate list of adjacent and confronting property owners (not tenants), including names, addresses, and zip codes. This list should include the owners of all lots or parcels which adjoin the parcel in question, as well as the owner(s) of lot(s) or parcel(s) which lie directly across the street/highway from the parcel in question.

PLEASE PRINT (IN BLUE OR BLACK INK) OR TYPE THIS INFORMATION ON THE FOLLOWING PAGE.
PLEASE STAY WITHIN THE GUIDES OF THE TEMPLATE, AS THIS WILL BE PHOTOCOPIED DIRECTLY ONTO MAILING LABELS.

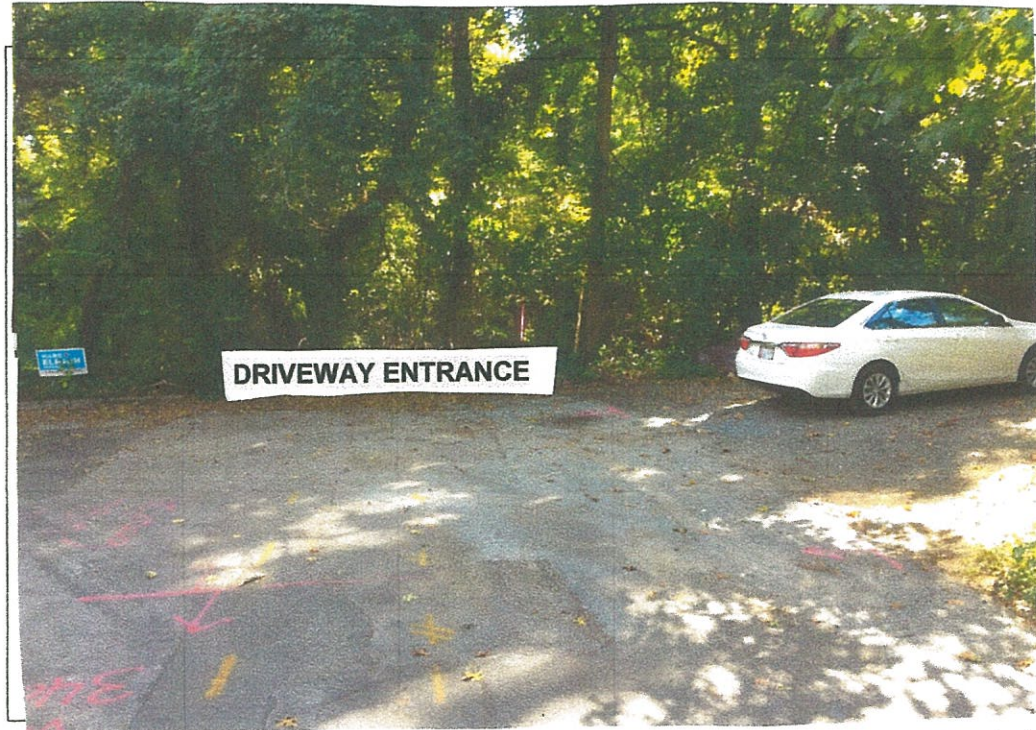
HAWP APPLICATION: MAILING ADDRESSES FOR NOTIFYING
 [Owner, Owner's Agent, Adjacent and Confronting Property Owners]

<p>Owner's mailing address 10201 MENLO LLC 2501 PEACHTREE RD CLARKSBURG, MD 20871</p>	<p>Owner's Agent's mailing address MINTER P. FARNSWORTH 2501 PEACHTREE RD CLARKSBURG, MD 20871</p>
<p align="center">Adjacent and confronting Property Owners mailing addresses</p>	
<p>J. STAGUHN AND K. FLORIAN STAGUHN 10203 MENLO AVE SILVER SPRING, MD 20910</p>	<p>PHILLIP HAUSSMANN 10200 MENLO AVE SILVER SPRING, MD 20910</p>
<p>TOVI LEHMAN AND NOA LIVNI LEHMAN 2900 LOMA ST SILVER SPRING, MD 20910</p>	<p>LYNN J. BUSH 2905 BARKER ST SILVER SPRING, MD 20910</p>
<p>HARRY A. AND E.C. VOLZ 2801 BARKER ST. SILVER SPRING, MD 20910</p>	<p>BABEL AND CHLOE PEREZ 10202 LESLIE ST. SILVER SPRING, MD 20902</p>

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
10201 MENLO LLC 25101 PEACHTREE RD CLARKSBURG, MD 20871	MINTER P. FARNSWORTH 25101 PEACHTREE RD CLARKSBURG, MD 20871
Adjacent and confronting Property Owners mailing addresses	
RICHARD NICHOLLS ETAL 10200 LESLIE ST. SILVER SPRING, MD 20902	MICHAEL E. LIVERMORE AND FUMIYO HASHIDA 10118 LESLIE ST. SILVER SPRING, MD 20902

Existing Property Condition Photographs (duplicate as needed)



Detail: DRIVEWAY ENTRANCE @ CORNER OF MENLO + LOMA



Detail: PROPOSED NEW FENCE LOCATION (ON SITE PLAN)

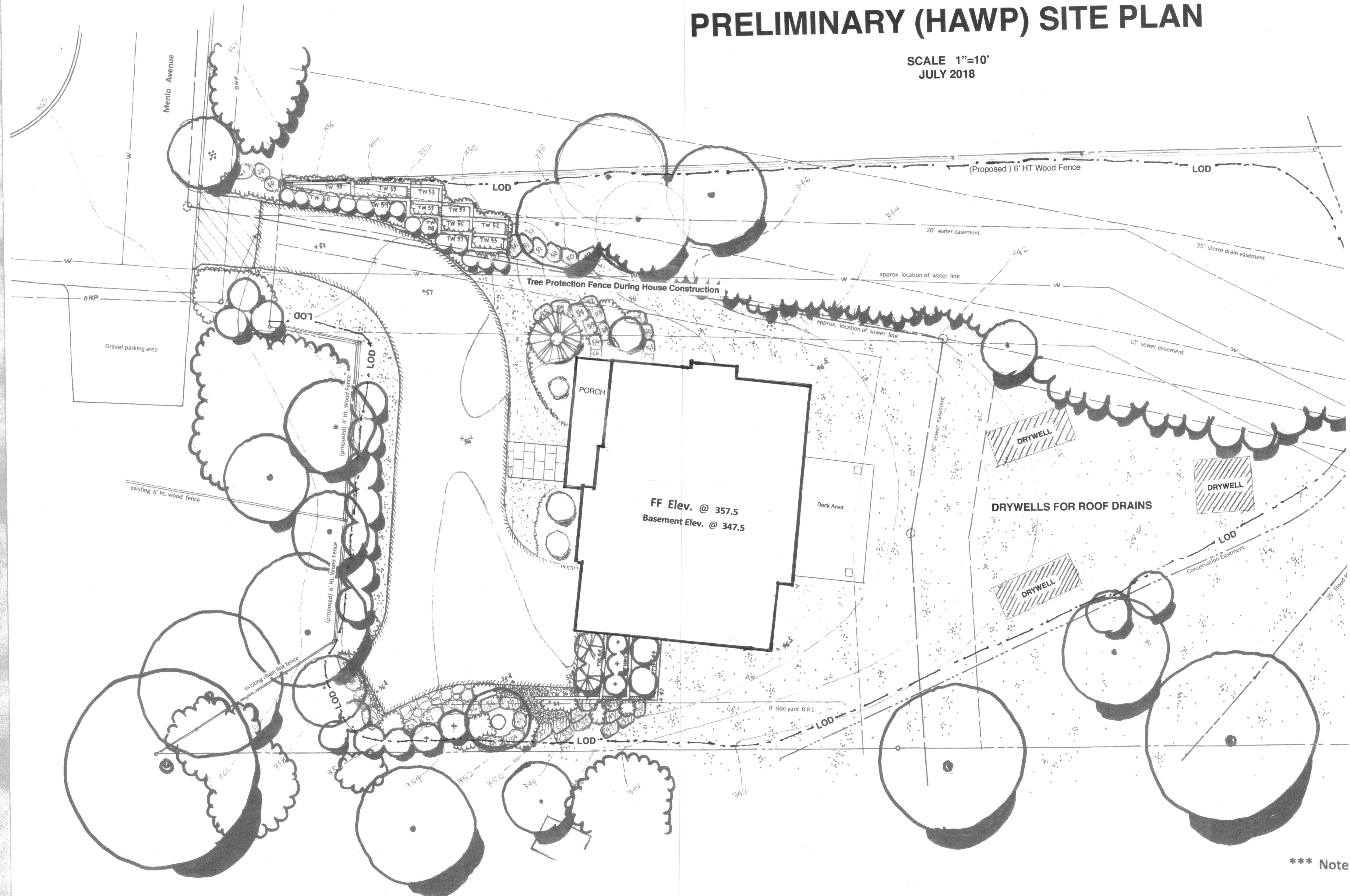
Applicant: 10201 MENLO LLC

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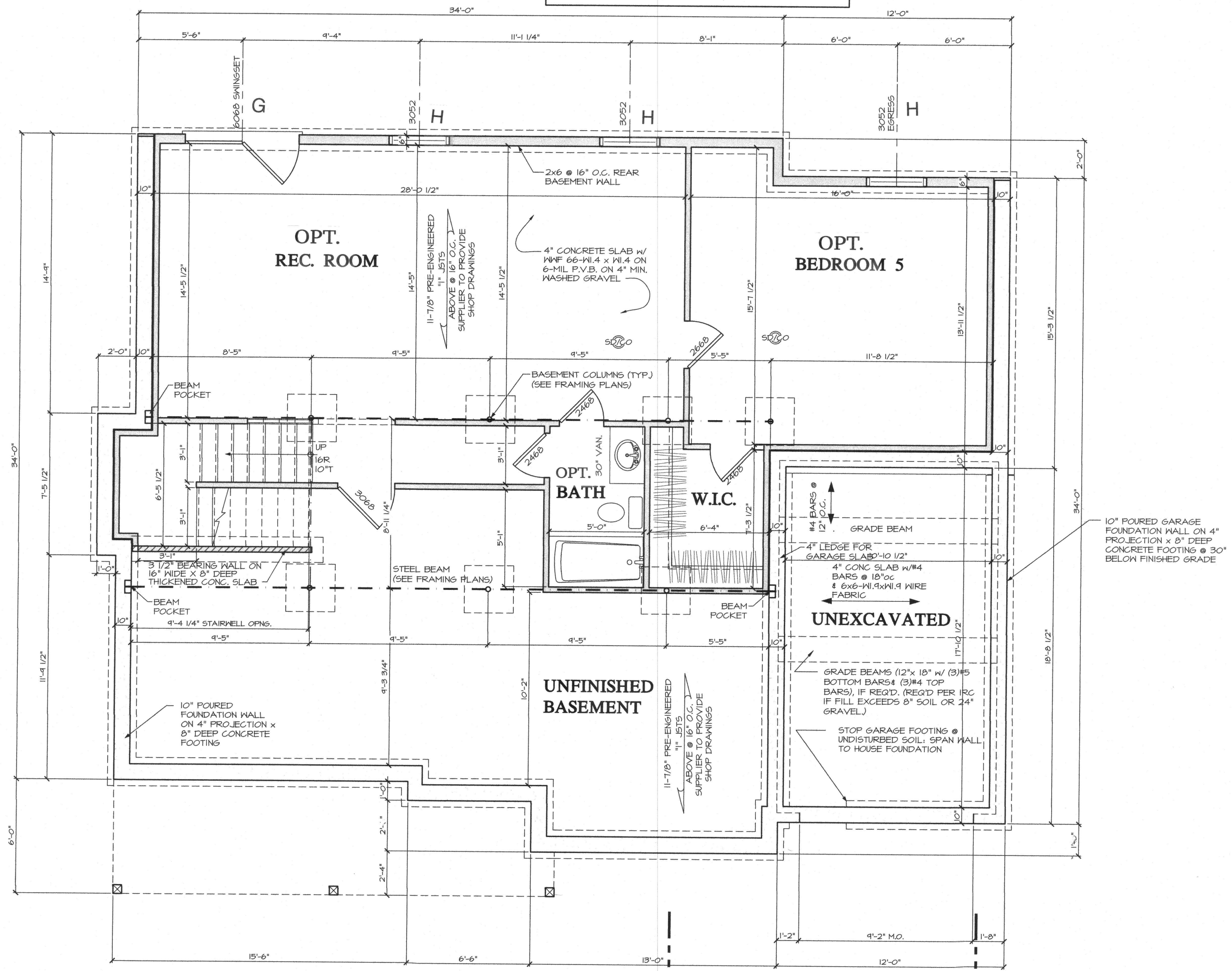
10201 MENLO AVENUE

PRELIMINARY (HAWP) SITE PLAN

SCALE 1"=10'
JULY 2018



*** Note



FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

CSB
A-9

CSA
A-8

SUBMITTALS

ISSUE DATE	BY	REMARKS
8-22-17	DWR	PRELIMINARY
11-8-17	DWR	REVISED ELEVATIONS
3-6-18	DWR	PROGRESS DRAWINGS
7-20-18	DWR	REVISED PLANS

FOUNDATION PLAN

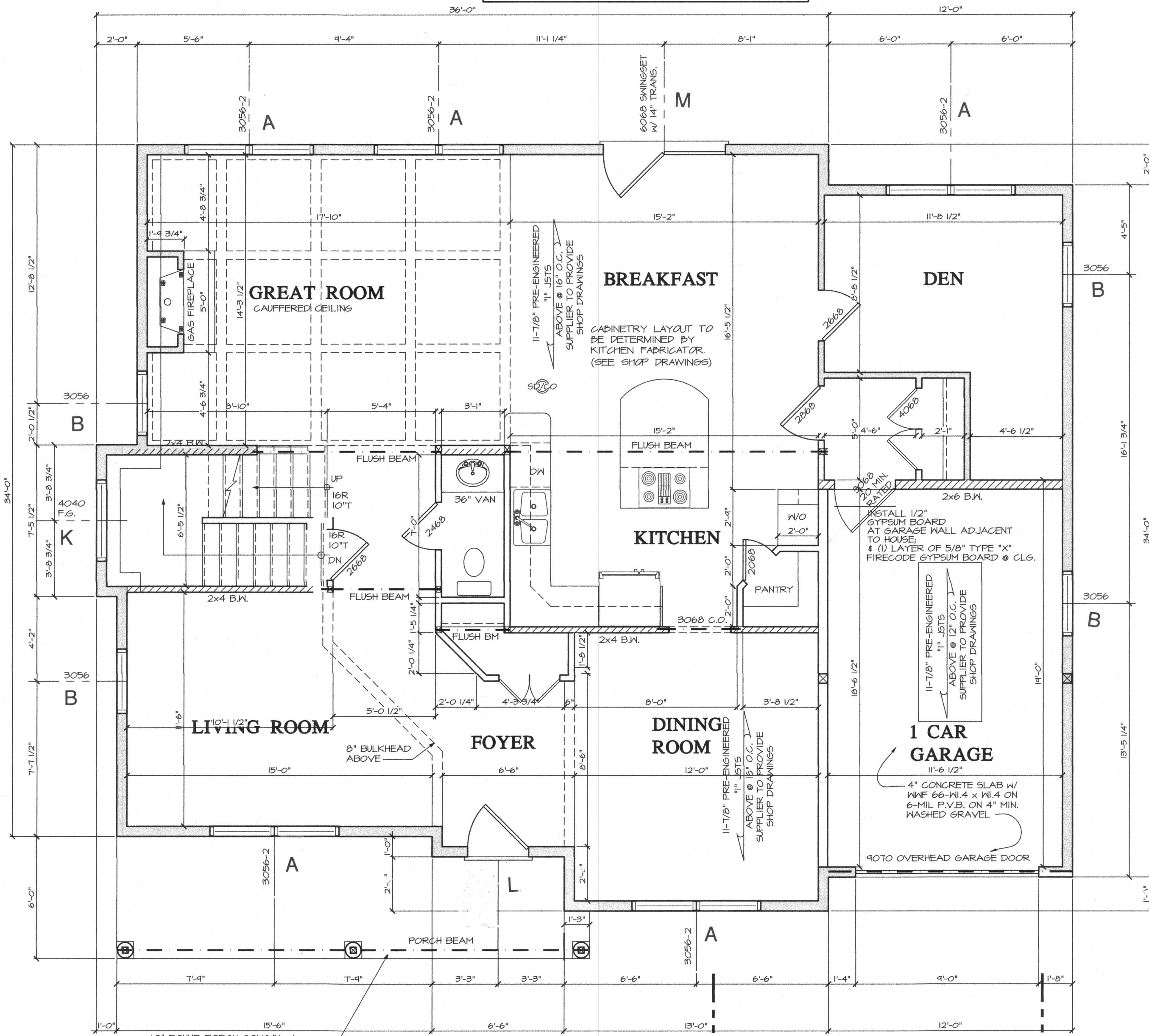
PROPOSED NEW HOME FOR:
FARNSWORTH HOMES
10201 Menlo Avenue
Silver Spring, MD

SHEET NO.
A001

PROJ. NO.: 145217

CADDWORKS inc.
RESIDENTIAL DESIGN
332 WEST PATRICK STREET / FREDERICK, MD / 21701
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10" ROUND PORCH COLUMN W/
 4X4 POST- ANCHORED TO
 PORCH SLAB W/ GALVANIZED
 METAL POST SEAT & ATTACHED
 TO PORCH BEAM W/ SIMPSON OR
 EQUAL POST-TO-BEAM
 CONNECTOR

FIRST FLOOR PLAN

SCALE: 1/4"=1'-0"

CSB
 A-9

CSA
 A-8

Caddworks inc.
 RESIDENTIAL DESIGN
 332 WEST PATRICK STREET / FREDERICK, MD / 21701
 (V) 301.695.9121 (E) DESIGN@CADDWORKS.NET
 (F) 301.695.4868 (W) WWW.CADDWORKS.NET

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SUBMITTALS

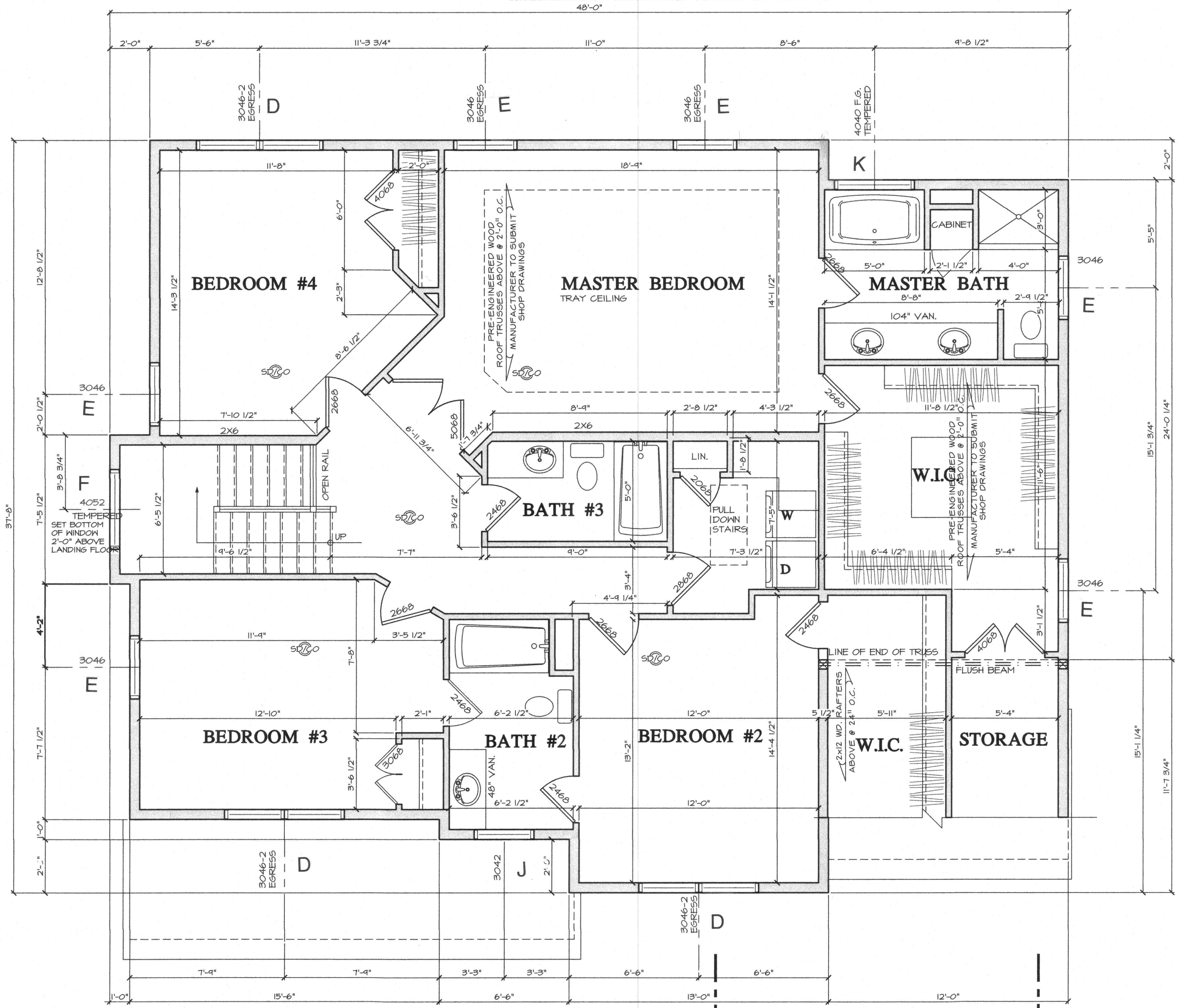
ISSUE DATE	DRAWN BY	REMARKS
8-22-11	DYR	PRELIMINARY
11-8-11	DYR	REVISED ELEVATIONS
9-6-10	DYR	PROGRESS DRAWINGS
1-20-10	DYR	REVISED PLANS

FIRST FLOOR PLAN

PROPOSED NEW HOME FOR:
FARNSWORTH HOMES
 10201 Menlo Avenue
 Silver Spring, MD

SHEET NO.
A002

PROJ. NO.: 1182



SECOND FLOOR PLAN

SCALE: 1/4"=1'-0"



SUBMITTALS

ISSUE DATE	DRAWN BY	REMARKS
8-22-11	DWK	PRELIMINARY
11-21-11	DWK	REVISED ELEVATIONS
3-21-12	DWK	PROGRESS DRAWINGS
7-20-12	DWK	REVISED PLANS

SECOND FLOOR PLAN

PROPOSED NEW HOME FOR:

FARNSWORTH HOMES

10201 Menlo Avenue
Silver Spring, MD

SHEET NO.
A003

PROJ. NO.: 14519



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FRONT ELEVATION
 SCALE: 1/4"=1'-0"

SUBMITTALS

ISSUE DATE	DRAWN BY	REMARKS
8-22-11	DWR	PRELIMINARY
11-5-11	DWR	REVISED ELEVATIONS
3-6-12	DWR	PROGRESS DRAWINGS
7-20-12	DWR	REVISED PLANS

FRONT ELEVATION

PROPOSED NEW HOME FOR:
FARNSWORTH HOMES
 10201 Menlo Avenue
 Silver Spring, MD

SHEET NO.
A004

PROJ. NO.: 120



LEFT SIDE ELEVATION
SCALE: 1/4"=1'-0"

SUBMITTALS

ISSUE DATE	DRAWN BY	REMARKS
8-22-11	DYK	PRELIMINARY
11-8-11	DYK	REVISED ELEVATIONS
3-6-12	DYK	PROGRESS DRAWINGS
1-20-12	DYK	REVISED PLANS

LEFT SIDE ELEVATION

PROPOSED NEW HOME FOR:

FARNSWORTH HOMES

10201 Menlo Avenue
Silver Spring, MD

SHEET NO.
A-7

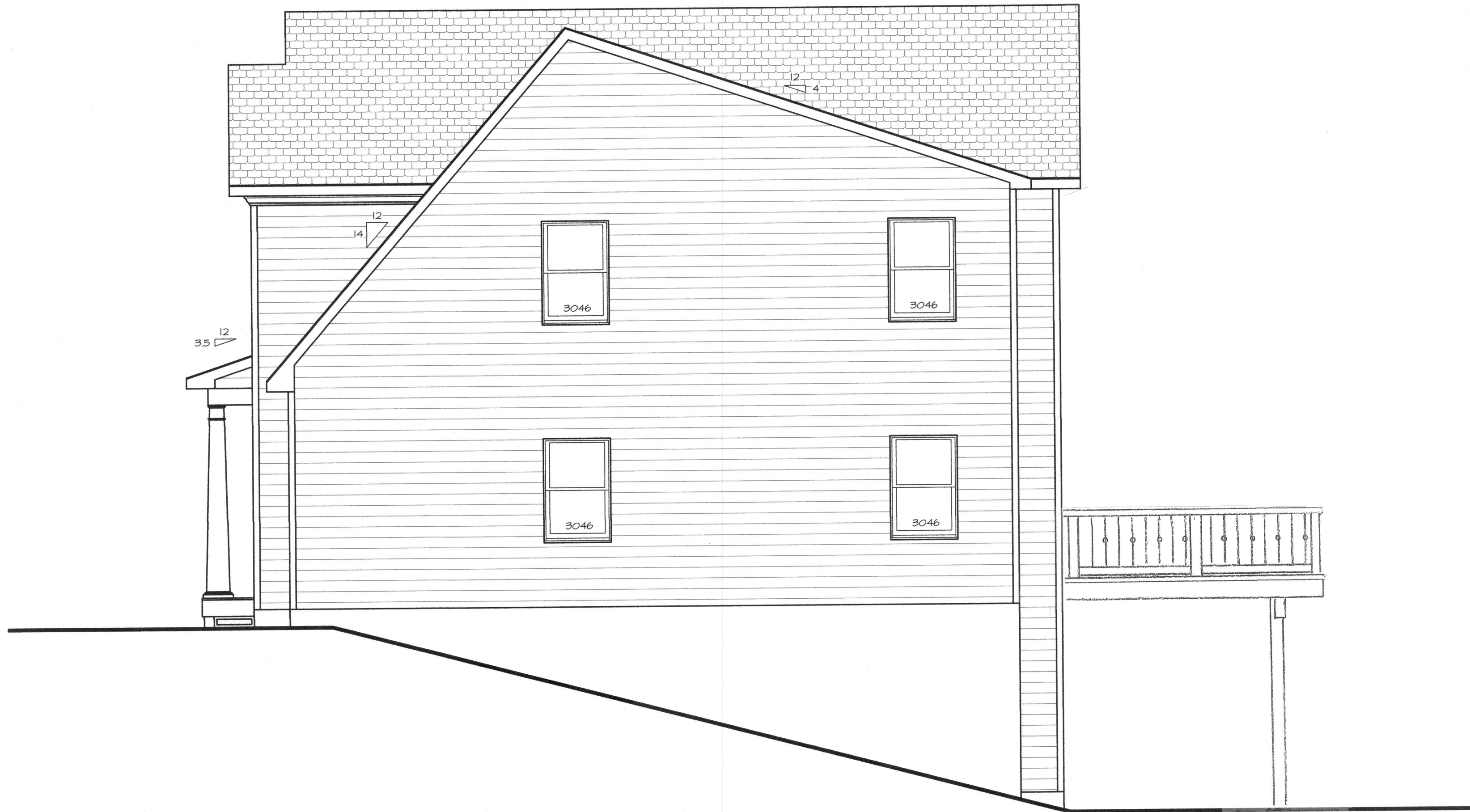
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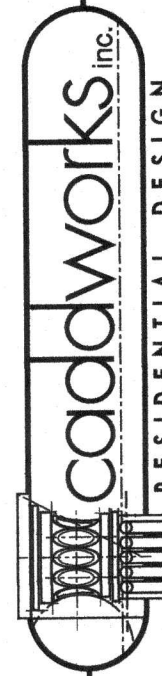
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RIGHT SIDE ELEVATION
SCALE: 1/4"=1'-0"



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SUBMITTALS

ISSUE DATE	DRAWN BY	REMARKS
8-22-17	DWR	PRELIMINARY
11-8-17	DWR	REVISED ELEVATIONS
3-6-18	DWR	PROGRESS DRAWINGS
7-20-18	DWR	REVISED PLANS

RIGHT SIDE ELEVATION

PROPOSED NEW HOME FOR:
FARNSWORTH HOMES
10201 Menlo Avenue
Silver Spring, MD

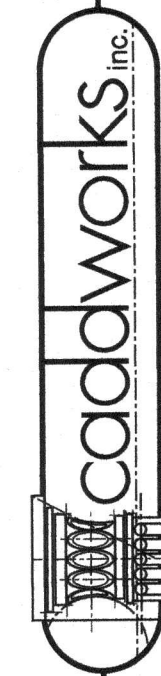
SHEET NO.
A005

PROJ. NO.: 1452



REAR ELEVATION

SCALE: 1/4"=1'-0"



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SUBMITTALS

ISSUE DATE	DRAWN BY	REMARKS
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11-8-11	DWR	REVISED ELEVATIONS
9-6-18	DWR	PROGRESS DRAWINGS
1-20-18	DWR	REVISED PLANS

REAR ELEVATION

PROPOSED NEW HOME FOR:
FARNSWORTH HOMES
 10201 Menlo Avenue
 Silver Spring, MD

SHEET NO.
A006

PROJ. NO.: 1452

March 17, 2018

10201 Menlo LLC
25101 Peach Tree Road
Clarksburg, MD 20871

Attn: Mr. Minter Farnsworth

Project: Report of Soil Typing Tests,
10201 Menlo Avenue
Silver Spring, MD
(Project No: M2731)

Dear Mr. Farnsworth:

Submitted is our report of soil typing tests performed for the above site.

One sample in B-2 was recovered by us on March 9, 2018 for soil typing tests for drywell design. The sample was taken at the location shown in Enclosure 3. The sample was recovered at a depth of 5 ft below grade. Soil typing tests were performed according to the MC DPS guideline. Note that sampling was attempted at B-1 location as requested, but dense weathered rock was encountered at 3 ft below grade, not suitable for infiltration. Soil typing tests were, accordingly, not performed for B-1.

The following is a summary of USDA tests performed in our laboratory:

Sample No./Depth	USDA Classification	Minimum Infiltration Rate (in/hr)	Groundwater
B-2 / 5.0 ft	Sandy Loam	1.02	Deeper than 5'

The sample was classified as **Sandy Loam** according to USDA Textural Soil Classification System. An infiltration rate of **1.02 in/hr** was estimated for the sample, according to MD WRA. The gradation test curve and USDA triangle chart are enclosed herein.

Please call the undersigned if you have any questions.

Sincerely,

GEOTECH ENGINEERS, INC.

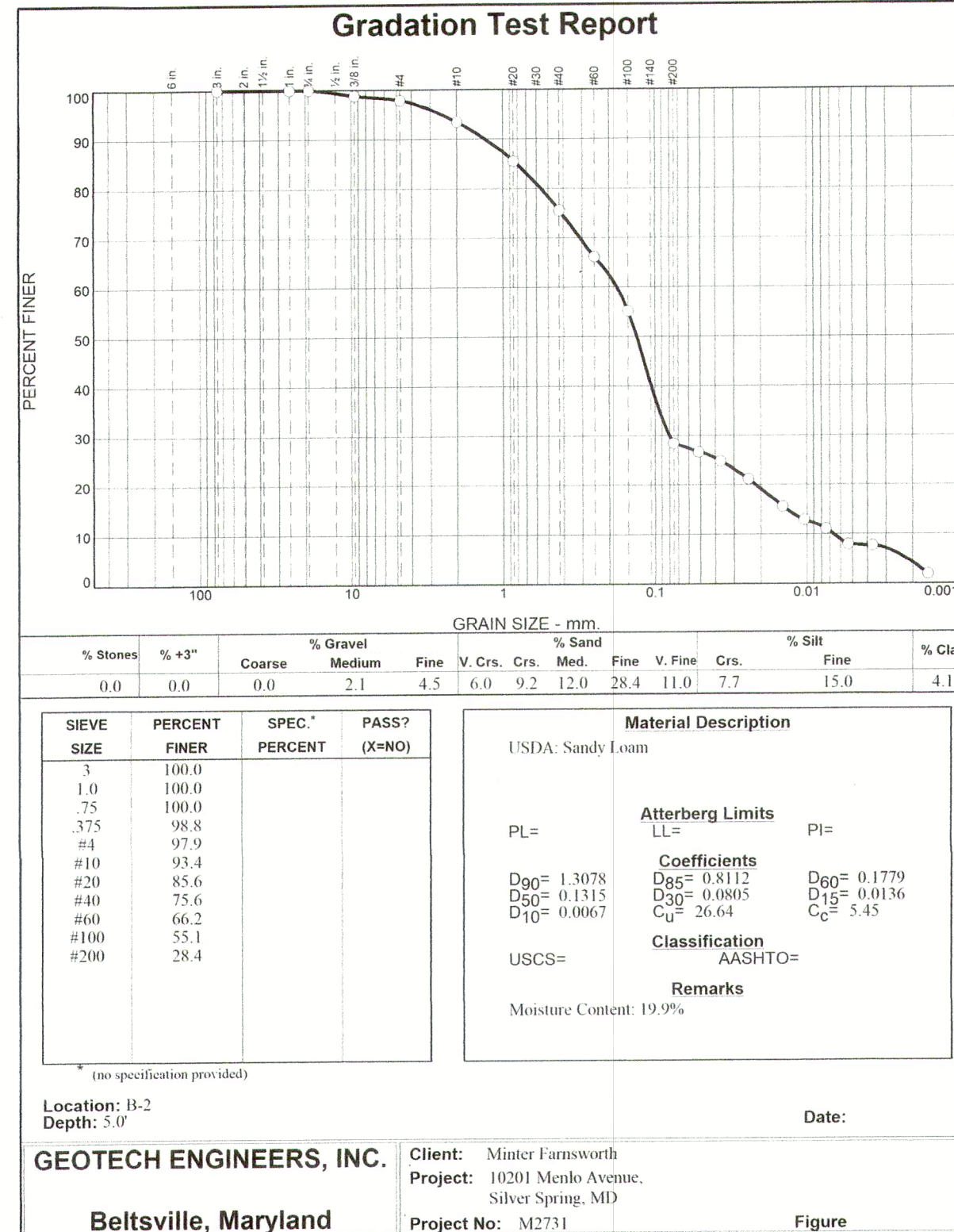
Paul Chung, PE
Paul Chung, PE
State of Maryland

- Enclosures: 1. Gradation Test Reports
2. USDA Soil Classification Charts
3. Sample Location Plan

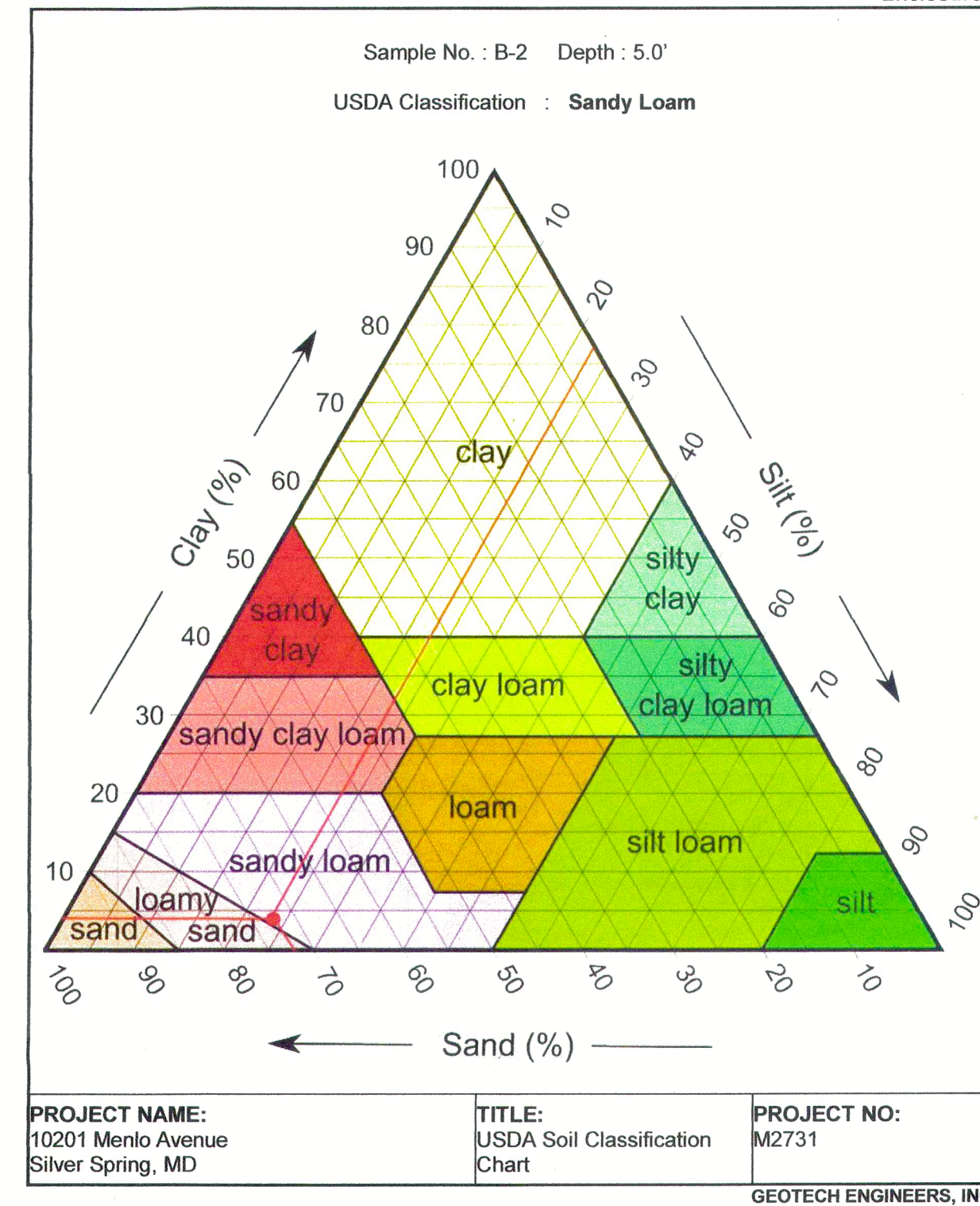


GEOTECH ENGINEERS, INC.
11890-U Old Baltimore Pike
Beltsville, MD 20705
Tel. 301.937.9227
Fax. 301.937.9189
www.geotechengineersinc.com

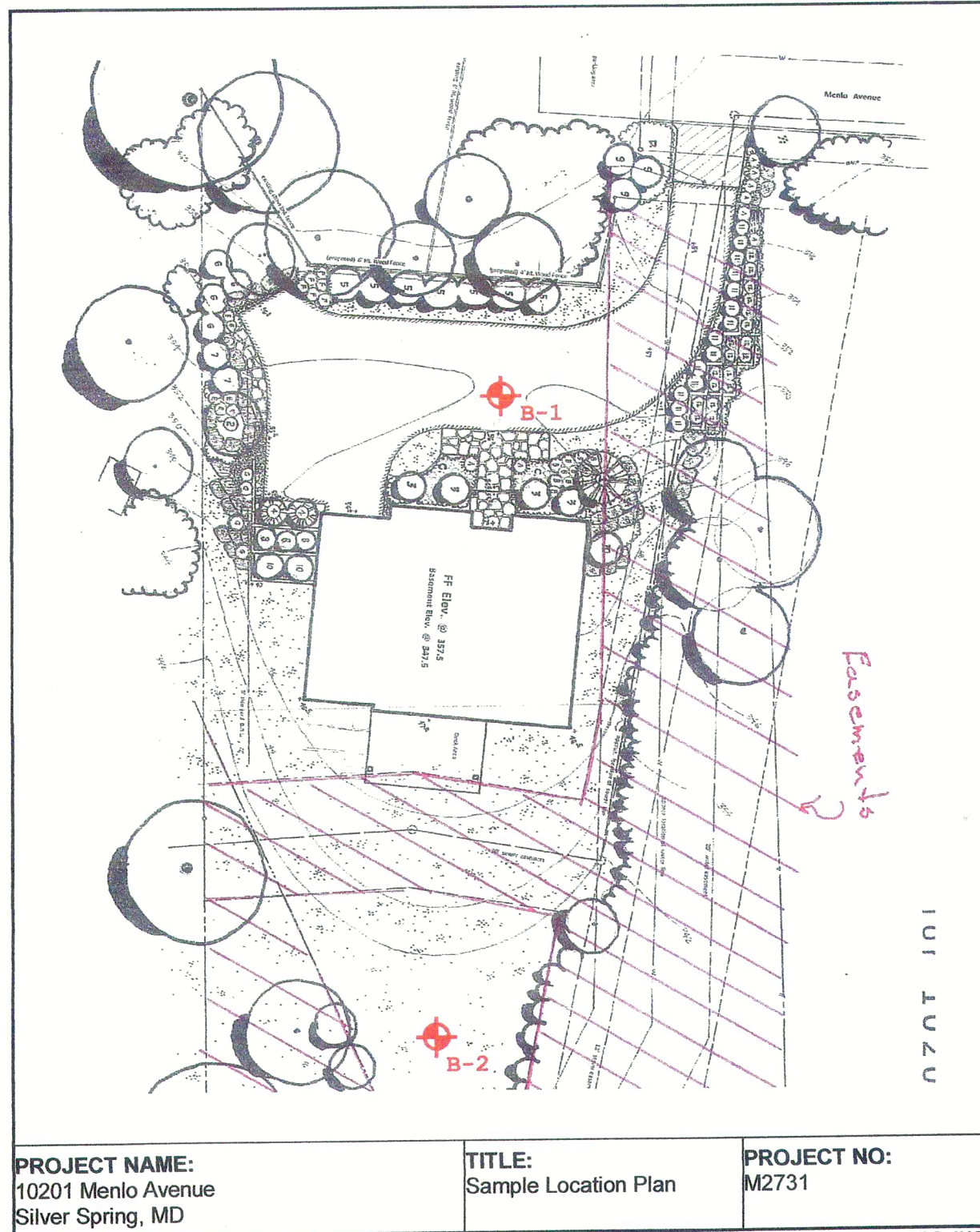
Enclosure 1



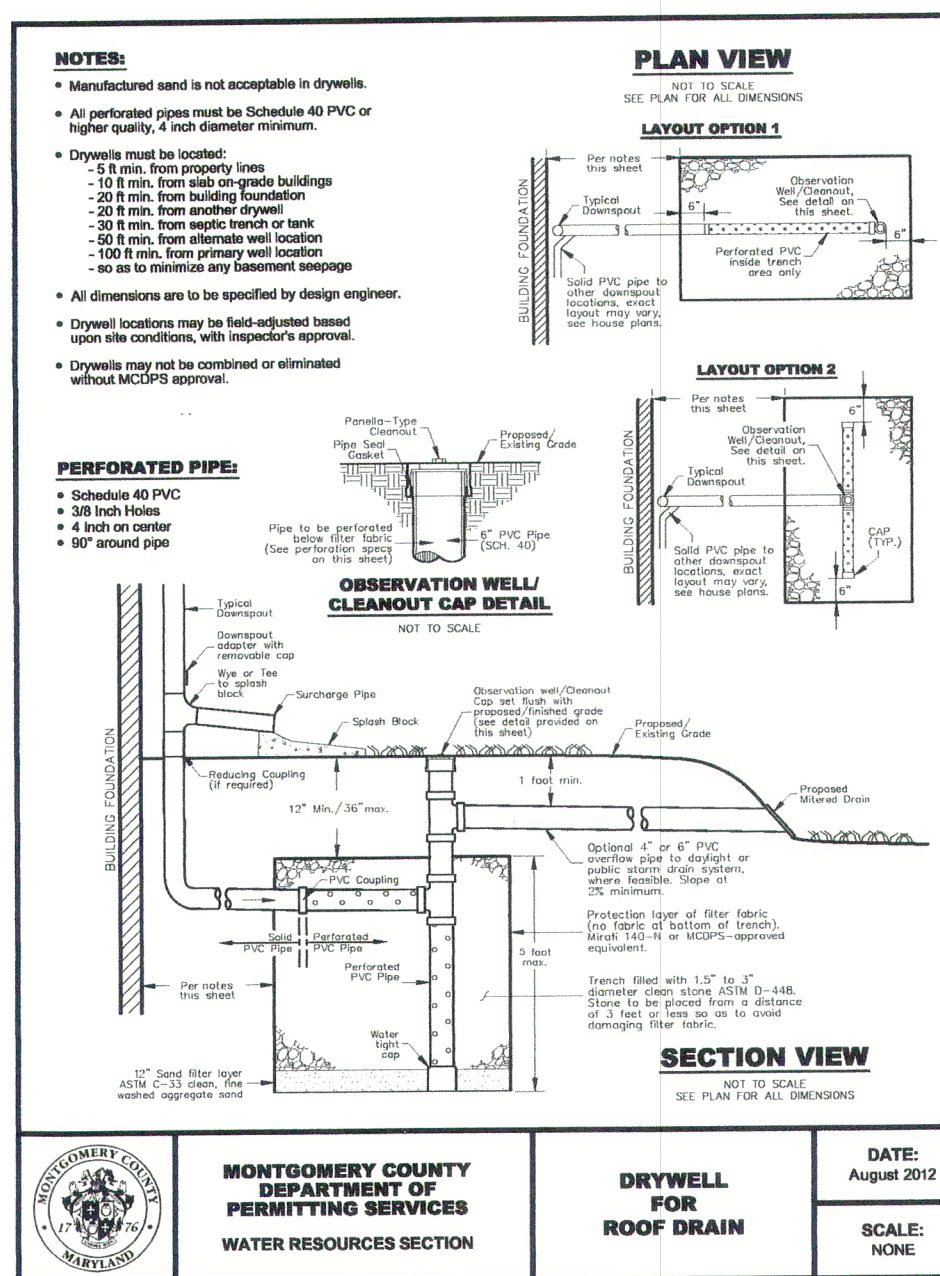
Enclosure 2



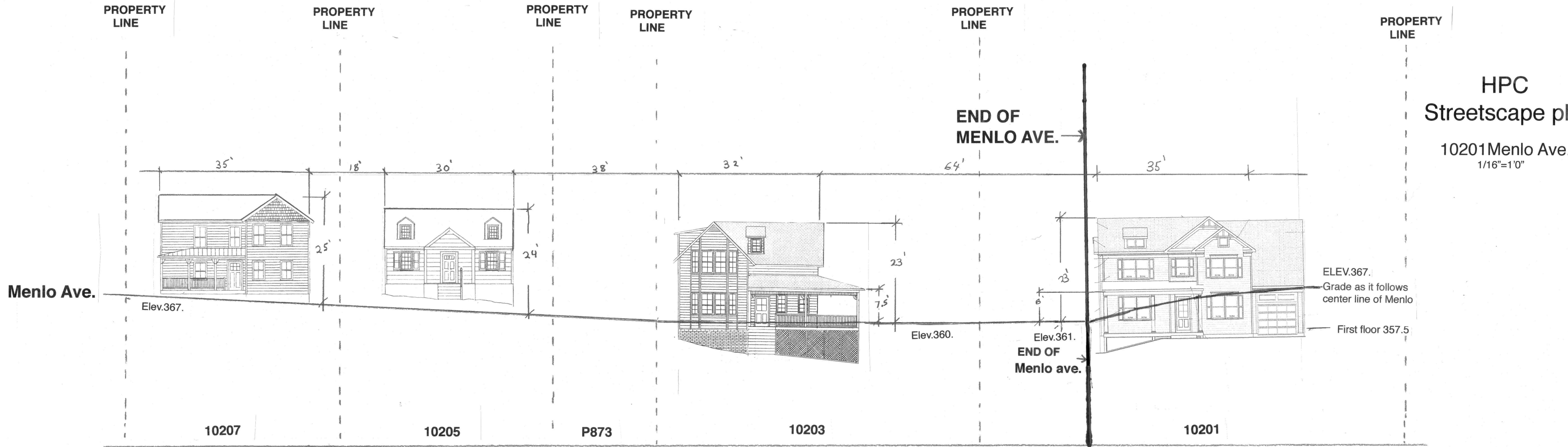
Enclosure 3



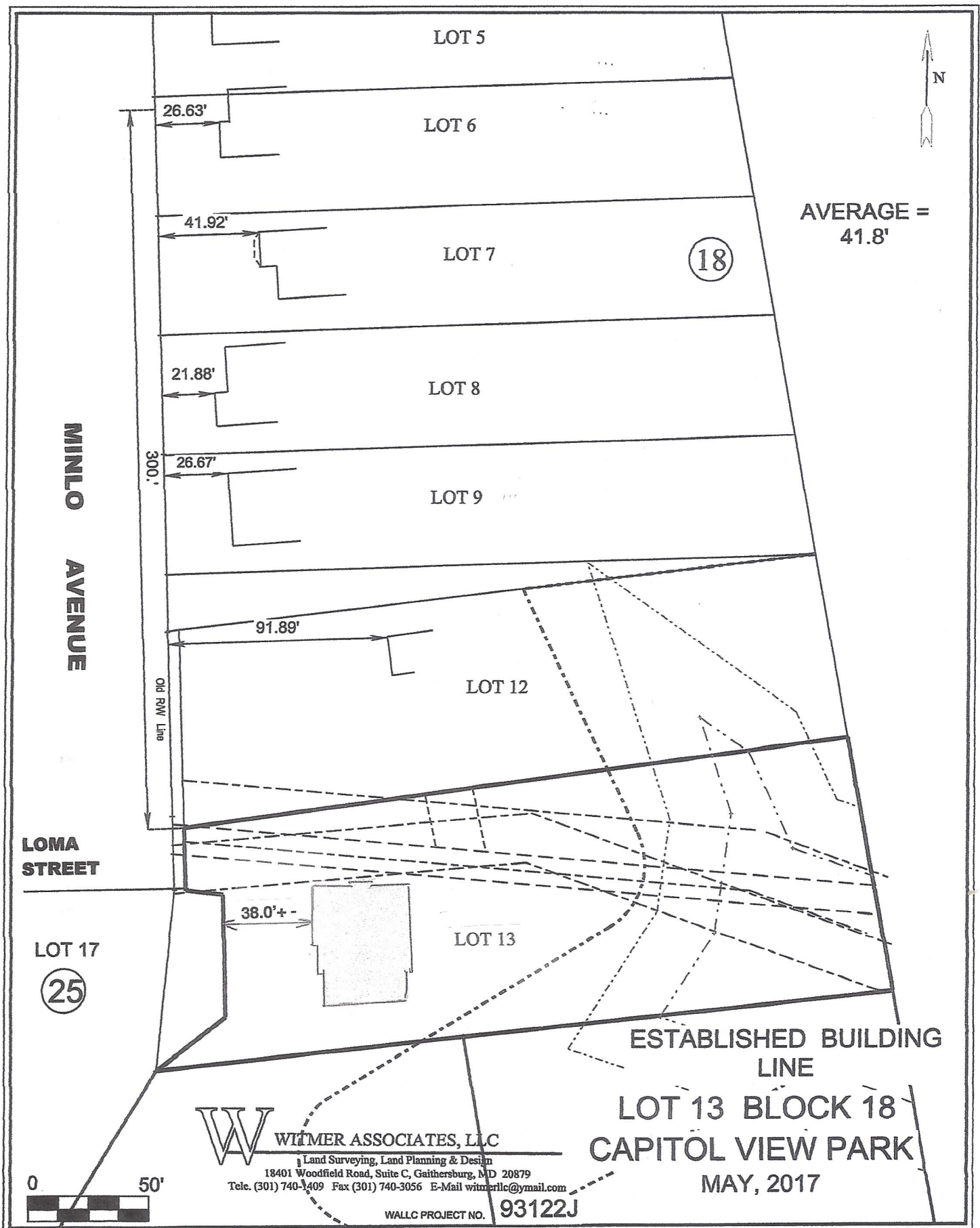
Department of Permitting Services
Land Development Division
225 Rockville Pike, 2nd Floor
Rockville, MD 20850-4166
Phone: 311 in Montgomery County or (240)-777-0311
Fax: (240)-777-6339
http://www.montgomerycountymd.gov/permittingservices/



**10201 MENLO AVENUE
SOIL INFILTRATION RATE
GRADATION TEST REPORT
GEOTECH SOIL CLASSIFICATION
SAMPLE LOCATION PLAN
STORM WATER DRYWELL DESIGN**

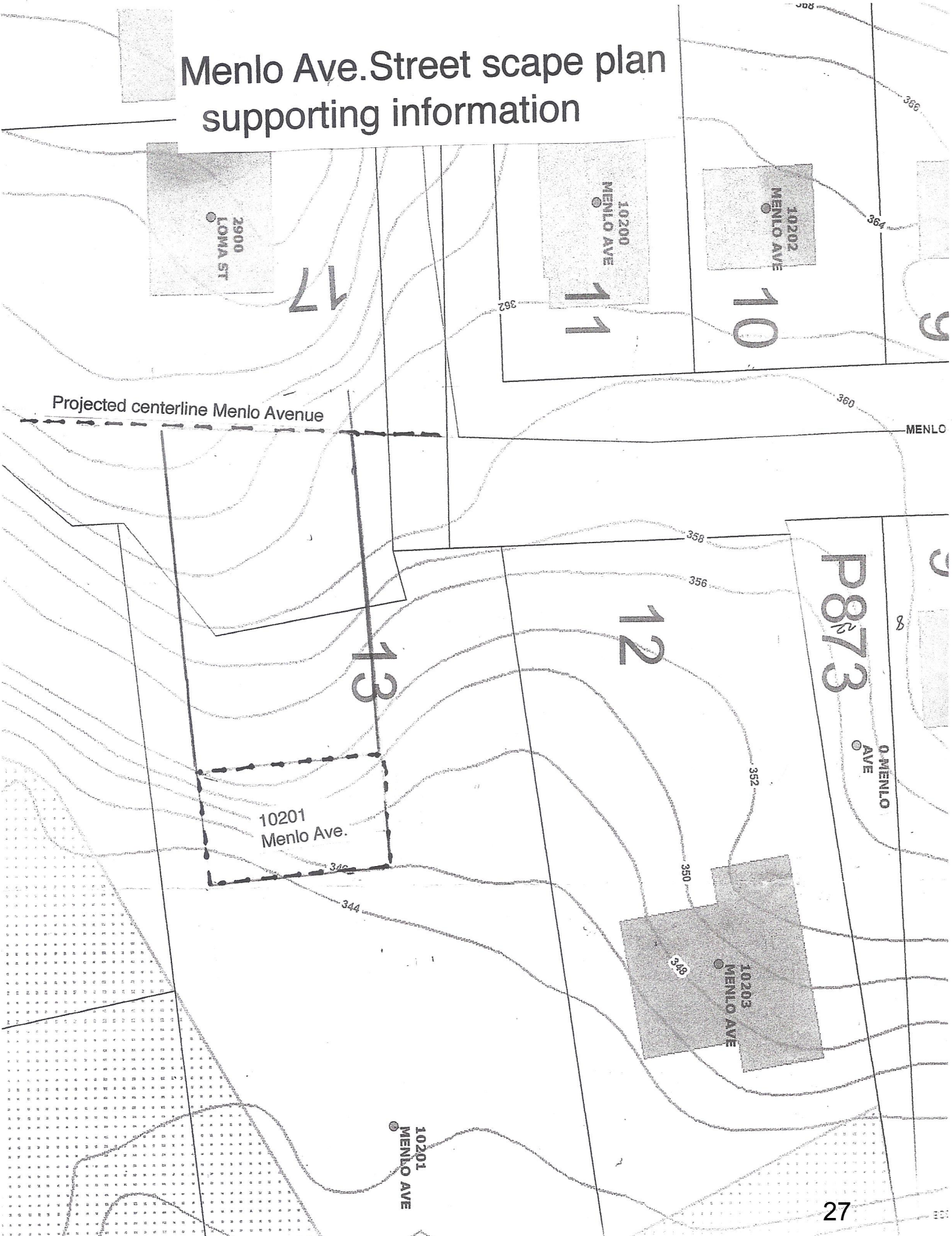


HPC
 Streetscape plan
 10201 Menlo Ave.
 1/16"=1'0"



Traverse PC

Menlo Ave. Street scape plan supporting information



PLAT NO. 15856

CONSERVATION EASEMENT
(RECORDED IN THE LAND RECORDS OF MONT. CO.)

FROM	BEARING	DISTANCE TO
181	S63°21'31"W	181.188 373
182	S63°21'31"W	89.845 275
183	S63°21'31"W	75.890 861 72 452
184	S63°21'31"W	37.168 277
185	S63°21'31"W	30.258 862 54 256
186	S63°21'31"W	40.821 361
187	S63°21'31"W	80.251 378
188	S63°21'31"W	30.001 44 441
189	S63°21'31"W	80.001 44 441
190	S63°21'31"W	80.001 44 441
191	S63°21'31"W	80.001 44 441
192	S63°21'31"W	80.001 44 441
193	S63°21'31"W	80.001 44 441

100 YEAR FLOOD PLAIN

FROM	BEARING	DISTANCE TO
294	N71°08'21"E	111.584 293
295	N71°08'21"E	80.000 291
296	N71°08'21"E	80.000 291
297	N71°08'21"E	80.000 291
298	N71°08'21"E	80.000 291
299	N71°08'21"E	80.000 291
300	N71°08'21"E	80.000 291
301	N71°08'21"E	80.000 291
302	N71°08'21"E	80.000 291

CENTERLINE 12' MSSC SEWER EASEMENT
L. 1163 F. 502

FROM BEARING DISTANCE TO
295 S65°4'3.5"E 295.298 297

CENTERLINE 20' MSSC WATER EASEMENT
L. 4931 F. 624

FROM BEARING DISTANCE TO
288 N85°30'36"E 180.000 382
289 N85°30'36"E 180.000 382
302 N82°4'23.3"E 301.957 298

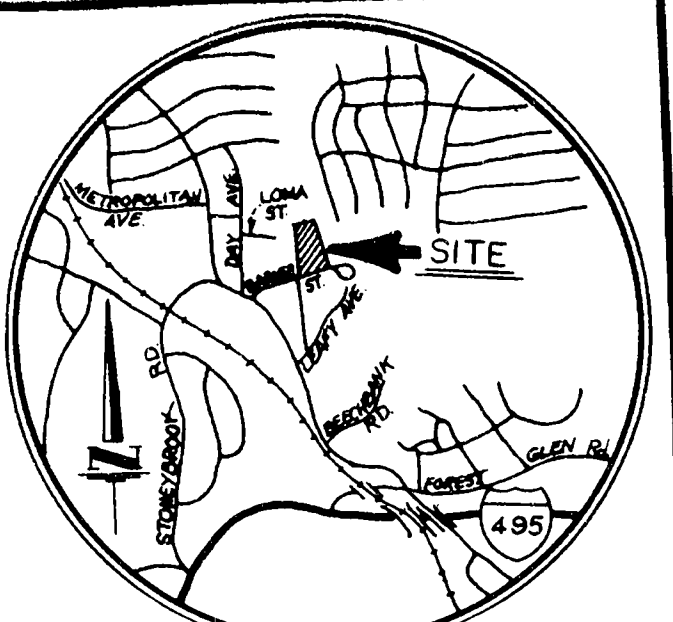
STORM-DRAIN EASEMENT

FROM BEARING DISTANCE TO
178 S89°04'00"E 40.75 187
179 S89°04'00"E 40.75 187
180 S89°04'00"E 40.75 187

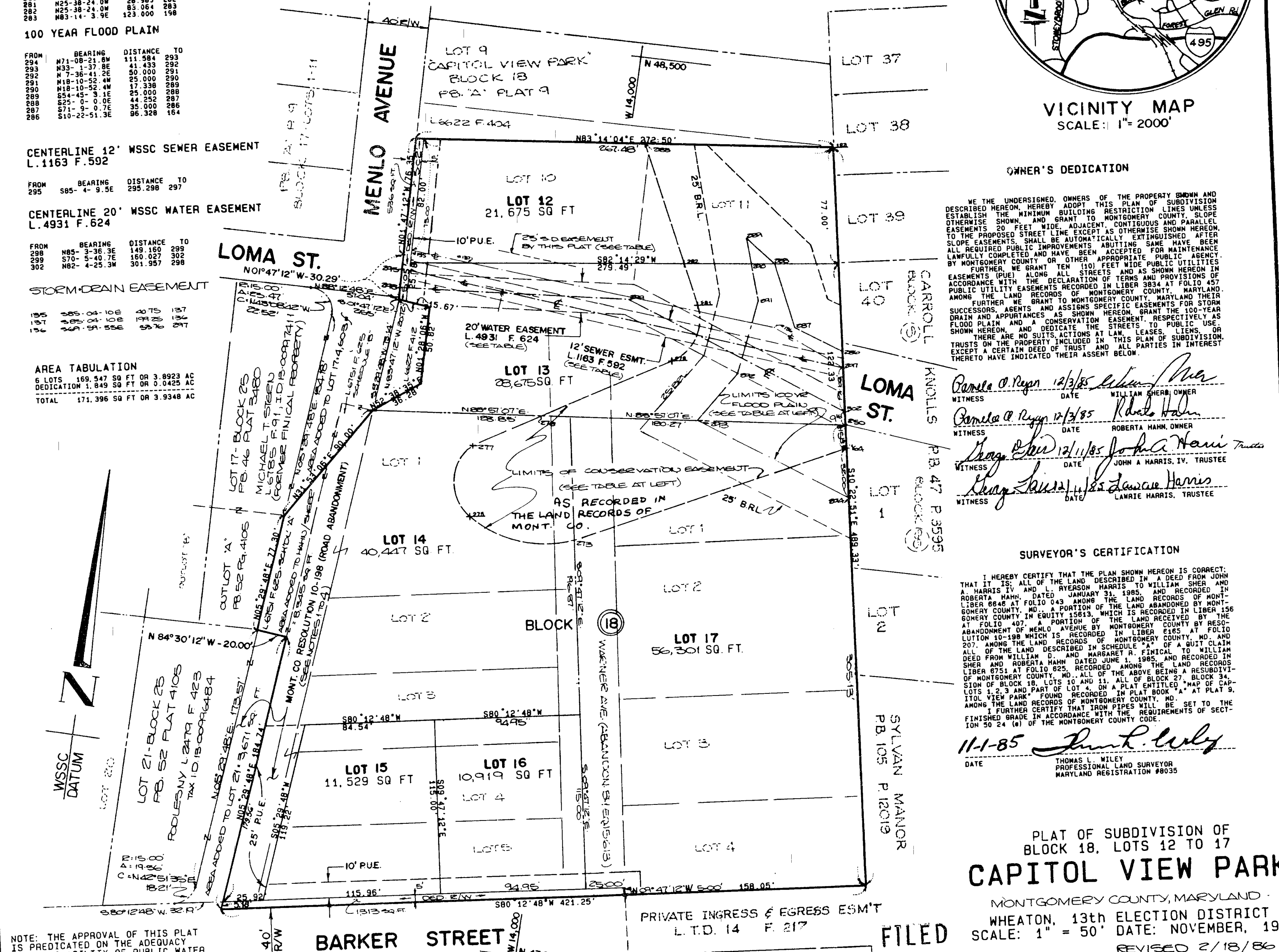
AREA TABULATION

6.1015	189,847 SQ FT OR 3.8923 AC
DEDICATION	1,848 SQ FT OR 0.0424 AC
TOTAL	171,396 SQ FT OR 3.9348 AC

NOTES:
1) BY THE RECORDED THIS PLAT THE AREA ABANDONED BY COUNTY COUNCIL RESOLUTION NO. 10-198 AND ENCLOSED HEREON IS TO BE ZONED R-60 IN ITS ENTIRETY.
2) AN EASEMENT IS HEREBY GRANTED TO THE POTOMAC Edison COMPANY AND THE M.S.C. FOR UTILITIES (ACCESS, CONSTRUCTION AND MAINTENANCE) OVER THE LANDS ABANDONED BY COUNTY RESOLUTION NO. 10-198.
3) AN INVESTIGATION OF EVIDENCE WITHIN THE MONTGOMERY COUNTY LAND RECORDS HAS NOT YET YIELDED A CONCLUSIVE DETERMINATION OF THE PROPERTY LINES CONTAINED IN THE ABOVE MENTIONED PLAT. THEREFORE THE ALIGNED PLAT SHOULD BE SPLIT INTO THE CENTERLINE WITH BOUNDARY CONDITION AND LEGAL PRINCIPLES. THE BOUNDARY BETWEEN WILLIAM HANCOCK AND ROBERTA HANCOCK, STAMERS HANCOCK, AS WILLIAM O. PITKIN AND WIFE, RECORDED IN LIBER 89, 117, 101 TO BE ALONG THE LAND RECORDS OF MONTGOMERY COUNTY, MARYLAND, RECORDED IN LIBER 118, 118, 118, 118.
4) THE PURPOSES OF THIS PLAT ARE AS FOLLOWS:
a) TO SHOW THE DISTRIBUTION OF PROPERTY ACCORDING FROM THE ABANDONMENT OF HEAD AVENUE TO THE ADJOINING PROPERTIES PER MONTGOMERY COUNTY RESOLUTION 10-198, 118, 118, 118.
b) TO REBROUWIDE A PORTION OF CAPITAL VIEW PARK AS DELINEATED BELOW AND STATED IN THE SURVEYOR'S CERTIFICATE HEREON.



VICINITY MAP
SCALE: 1" = 2000'



OWNER'S DEDICATION

WE THE UNDERSIGNED OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THE BOUNDARY LINES UNLESS OTHERWISE SHOWN, AND GRANT TO MONTGOMERY COUNTY, MARYLAND, EASEMENTS, FEET WIDE ADJACENT, CONTIGUOUS AND PARALLEL TO THE PROPOSED STREET LINE EXCEPT AS OTHERWISE SHOWN HEREON. TO THE EXTENT OF THE EASEMENTS, WE HEREBY GRANT TO MONTGOMERY COUNTY, MARYLAND, ALL RIGHTS AND INTERESTS IN THE PROPERTY, INCLUDING BUT NOT LIMITED TO THE RIGHTS OF EASEMENT, AND WE HEREBY GRANT TO MONTGOMERY COUNTY, MARYLAND, ALL RIGHTS AND INTERESTS IN THE PROPERTY, INCLUDING BUT NOT LIMITED TO THE RIGHTS OF EASEMENT, AND WE HEREBY GRANT TO MONTGOMERY COUNTY, MARYLAND, ALL RIGHTS AND INTERESTS IN THE PROPERTY, INCLUDING BUT NOT LIMITED TO THE RIGHTS OF EASEMENT.

Carole A. Ryan 12/18/85
WITNESS DATE WILLIAM HANCOCK OWNER
Carole A. Ryan 12/18/85
WITNESS DATE ROBERTA HANCOCK OWNER
Mary Harris 12/18/85
WITNESS DATE JOHN A. HARRIS, IV, TRUSTEE
Mary Harris 12/18/85
WITNESS DATE LAWRENCE HARRIS TRUSTEE

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THE PLAN SHOWN HEREON IS CORRECT, THAT IT IS ALL OF THE LAND DESCRIBED IN A DEED FROM JOHN ROBERTA HANCOCK, DATED JANUARY 31, 1880, RECORDED IN MONTGOMERY COUNTY, MARYLAND, LIBER 100, PAGE 100, AND ALL PARTS THEREOF, AND THAT THE LAND DESCRIBED IN THIS PLAT IS THE SAME AS THAT DESCRIBED IN THE DEED FROM JOHN ROBERTA HANCOCK, DATED JANUARY 31, 1880, RECORDED IN MONTGOMERY COUNTY, MARYLAND, LIBER 100, PAGE 100, AND ALL PARTS THEREOF, AND THAT THE LAND DESCRIBED IN THIS PLAT IS THE SAME AS THAT DESCRIBED IN THE DEED FROM JOHN ROBERTA HANCOCK, DATED JANUARY 31, 1880, RECORDED IN MONTGOMERY COUNTY, MARYLAND, LIBER 100, PAGE 100, AND ALL PARTS THEREOF, AND THAT THE LAND DESCRIBED IN THIS PLAT IS THE SAME AS THAT DESCRIBED IN THE DEED FROM JOHN ROBERTA HANCOCK, DATED JANUARY 31, 1880, RECORDED IN MONTGOMERY COUNTY, MARYLAND, LIBER 100, PAGE 100, AND ALL PARTS THEREOF.

11-1-85
DATE
THOMAS WILLY
PROFESSIONAL LAND SURVEYOR
MONTGOMERY COUNTY, MARYLAND

PLAT OF SUBDIVISION OF
BLOCK 18, LOTS 12 TO 17
CAPITOL VIEW PARK
MONTGOMERY COUNTY, MARYLAND
WHEATON, 13th ELECTION DISTRICT
SCALE: 1" = 50' DATE: NOVEMBER, 1985
REVISED 2/18/86
3/6/86

FOR PUBLIC WATER AND SEWER SYSTEMS ONLY, NOTE: ZONING R-60

MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
MONTGOMERY COUNTY PLANNING BOARD
APPROVED MARCH 6, 1986
Chairman: [Signature]
Secretary: [Signature]

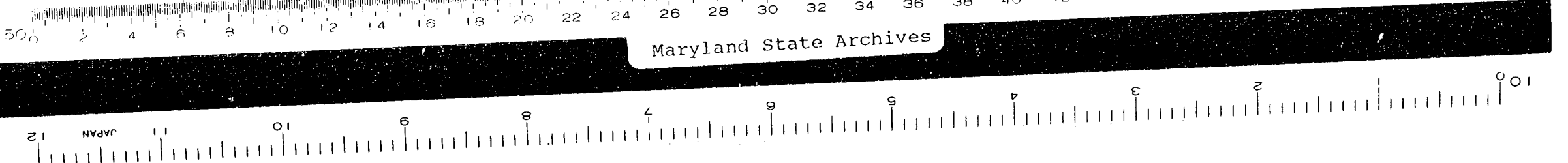
MONTGOMERY COUNTY, MARYLAND
DEPARTMENT OF TRANSPORTATION
APPROVED MARCH 3, 1986
Director: [Signature]

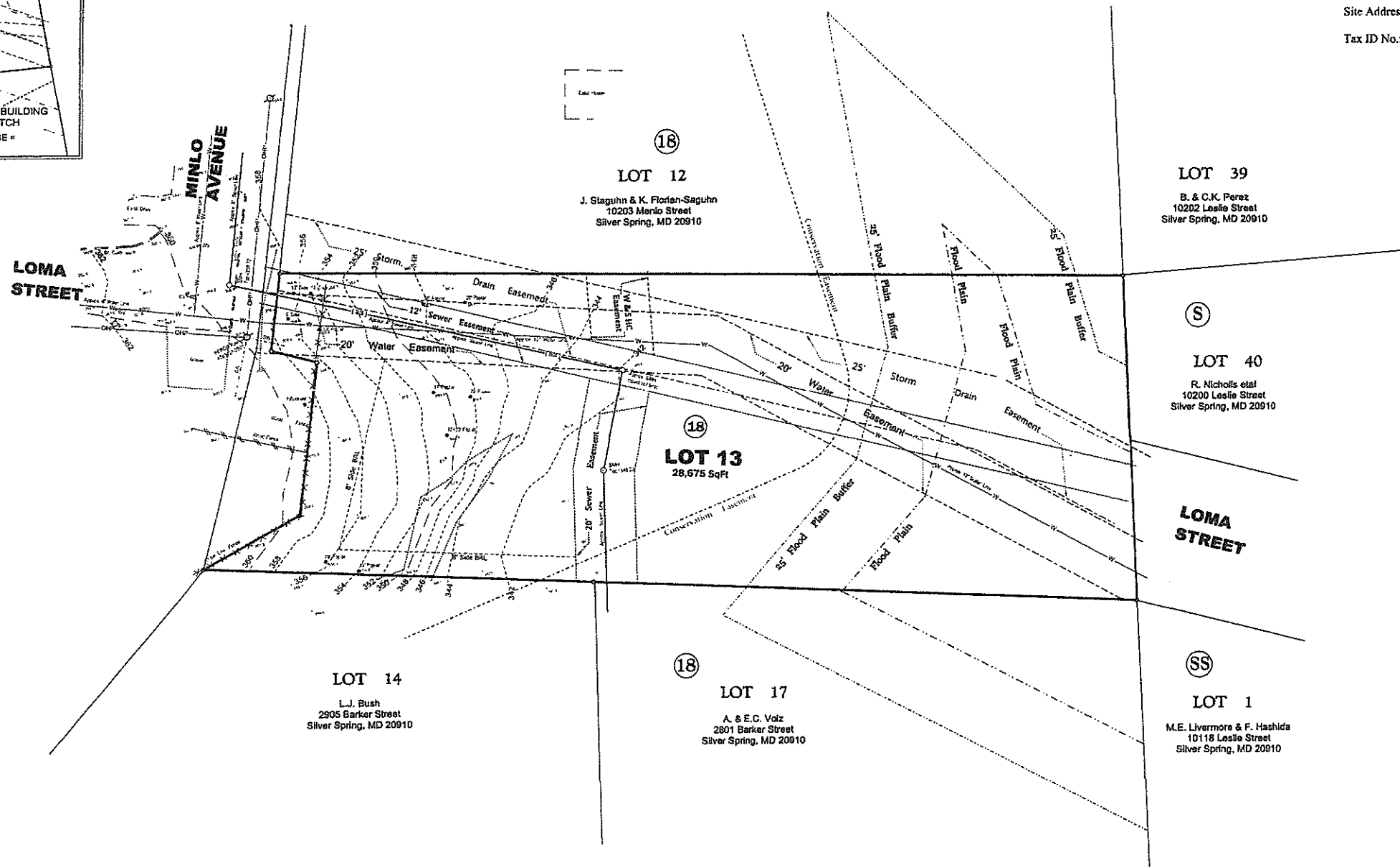
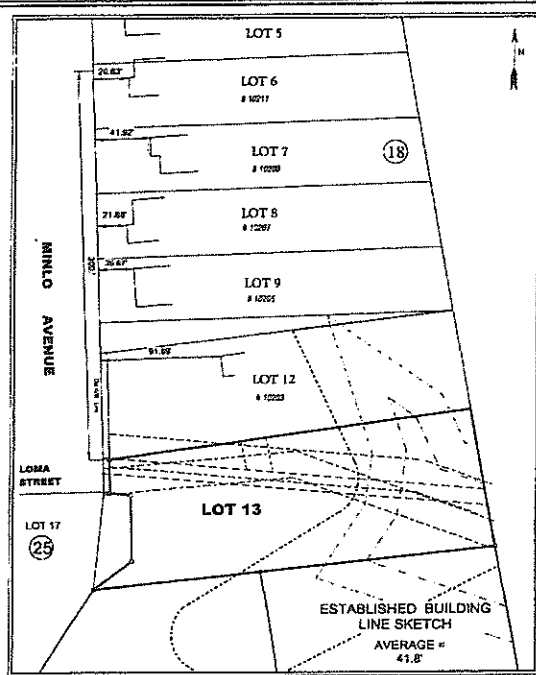
MONTGOMERY COUNTY, MARYLAND
DEPARTMENT OF HEALTH
APPROVED March 6, 1986
Health Officer: [Signature]

RECORDED
PLAT BOOK
PLAT NO.

28552118510 17404000 60

DEWBERRY & DAVIS
ENGINEERS - ARCHITECTS - PLANNERS - SURVEYORS
804 WEST DIAMOND AVENUE
GAITHERSBURG, MARYLAND 20877
(301) 948-8300





NOTES

Lot 13, Block 18, as shown, was taken from a Plat of Subdivision titled "Capital View Park" and is recorded among the Land Records of Montgomery County, Maryland in Plat Book 137 as Plat 15856. Recording date: March 13, 1986.

Partial existing conditions, as shown, were taken from a field run survey completed by this office, dated: July, 2017. Vertical datum is WSSC per their online WERI system. Two (2) foot contour interval.

Existing Zone: R - 60
 Setbacks: Front = 25'
 Estab. = 41.8' (See sketch)
 Side = 8' one, 18 total of both
 Rear = 20'

Site Address: 10201 Menlo Avenue

Tax ID No.: 13-02610440

TAX MAP HP 563	PLAT BOOK SHEET NO. 213 NW 03	SHEET NO. 67	GRID E-5
REVISIONS:	VICINITY MAP NOT TO SCALE		
PREPARED FOR: Farnsworth Homes 25101 Peachtree Road Clarksburg, MD 20871 Babba Farnsworth (301) 370-8625			
SHEET TITLE PARTIAL EXISTING CONDITIONS SURVEY			
PROJECT # 10201 Menlo Avenue LOT 13, BLOCK 18 CAPITAL VIEW PARK 13th (WHEATON) ELECTION DISTRICT MONTGOMERY COUNTY, MARYLAND			
WITMER ASSOCIATES, LLC Land Surveying, Land Planning & Design 18401 Woodfield Road, Suite C, Gaithersburg, MD 20878 Tele: (301) 740-1400 Fax: (301) 740-3056 E-Mail: witmer@witmer.com			
SCALE 1" = 20'	DATE July, 2017	PROJECT NO. 93122 J	SHEET NO. 1 of 1





MENLO AVENUE

LOMA STREET

LOT 12

25' S.D.E

25' S.D. EASEMENT

20' WATER EASEMENT

12' SEWER EASEMENT

LOT 13--SITE--

28676 SqFt

Buildable Envelope
5160 SqFt

For Cons Esmnt Area on our Lot

12478 SqFt

20' SEWER EASEMENT

CONSERVATION EASEMENT

LOT 17, BLK 25

LOT 14

LOT 17

**AREAS OF
BUILDING ENVELOPE
& LOT 13 BLOCK 18
CAPITOL VIEW PARK
October, 2017**



WITMER ASSOCIATES, LLC

Land Surveying, Land Planning & Design
18401 Woodfield Road, Suite C, Gaithersburg, MD 20879
Tele: (301) 740-1409 Fax: (301) 740-3056 E-Mail: witmerllc@gmail.com



WALLC PROJECT NO **93122J**



MENLO AVENUE

LOMA STREET

LOT 12

20' Water E.

25' S.D. EASEMENT

20' WATER EASEMENT

12' SEWER EASEMENT

LOT 13--SITE--

28676 SqFt

Buildable Envelope
5160 SqFt

For Cons Esmnt Area on our Lot

12478 SqFt

20' SEWER EASEMENT

LOT 17, BLK 25

LOT 14

LOT 17

CONSERVATION EASEMENT

**AREAS OF
BUILDING ENVELOPE
& LOT 13 BLOCK 18
CAPITOL VIEW PARK
October, 2017**



WITMER ASSOCIATES, LLC

Land Surveying, Land Planning & Design
18401 Woodfield Road, Suite C, Gaithersburg, MD 20879
Tele: (301) 740-1409 Fax: (301) 740-3056 E-Mail: witmerllc@gmail.com



WALLC PROJECT NO **93122J**

MENLO AVENUE

LOMA STREET

LOT 17, BLK 25

LOT 14

LOT 17

LOT 12

20' Sewer E.

12' Sewer E.

25' S.D. EASEMENT

20' WATER EASEMENT

12' SEWER EASEMENT

LOT 13--SITE--

28676 SqFt

Buildable Envelope
5160 SqFt

For Cons Esmnt Area on our Lot

12478 SqFt

CONSERVATION EASEMENT



WITMER ASSOCIATES, LLC

Land Surveying, Land Planning & Design
18401 Woodfield Road, Suite C, Gaithersburg, MD 20879
Tele. (301) 740-1409 Fax (301) 740-3056 E-Mail witmerllc@gmail.com



WALLC PROJECT NO **93122J**

**AREAS OF
BUILDING ENVELOPE
& LOT 13 BLOCK 18
CAPITOL VIEW PARK
October, 2017**

MENLO AVENUE

LOMA STREET

LOT 17, BLK 25

LOT 14

LOT 12

LOT 17

Forest Cons.E.

LOT 13--SITE--

28676 SqFt

Buildable Envelope
5160 SqFt

For Cons Esmnt Area on our Lot

12478 SqFt

CONSERVATION EASEMENT

25' S.D. EASEMENT

20' WATER EASEMENT

12' SEWER EASEMENT

20' SEWER EASEMENT



WITMER ASSOCIATES, LLC

Land Surveying, Land Planning & Design
18401 Woodfield Road, Suite C, Gaithersburg, MD 20879
Tele: (301) 740-1409 Fax (301) 740-3056 E-Mail: witmerllc@gmail.com

WALLC PROJECT NO **93122J**



**AREAS OF
BUILDING ENVELOPE
& LOT 13 BLOCK 18
CAPITOL VIEW PARK
October, 2017**



Square Footage Footprints

Mr. Staguhn's previously submitted square footage calculation for his house footprint located at 10203 Menlo was 1759.8 square feet, however this did not include the square footage of the front and rear bay windows.

Attached please find his calculation.

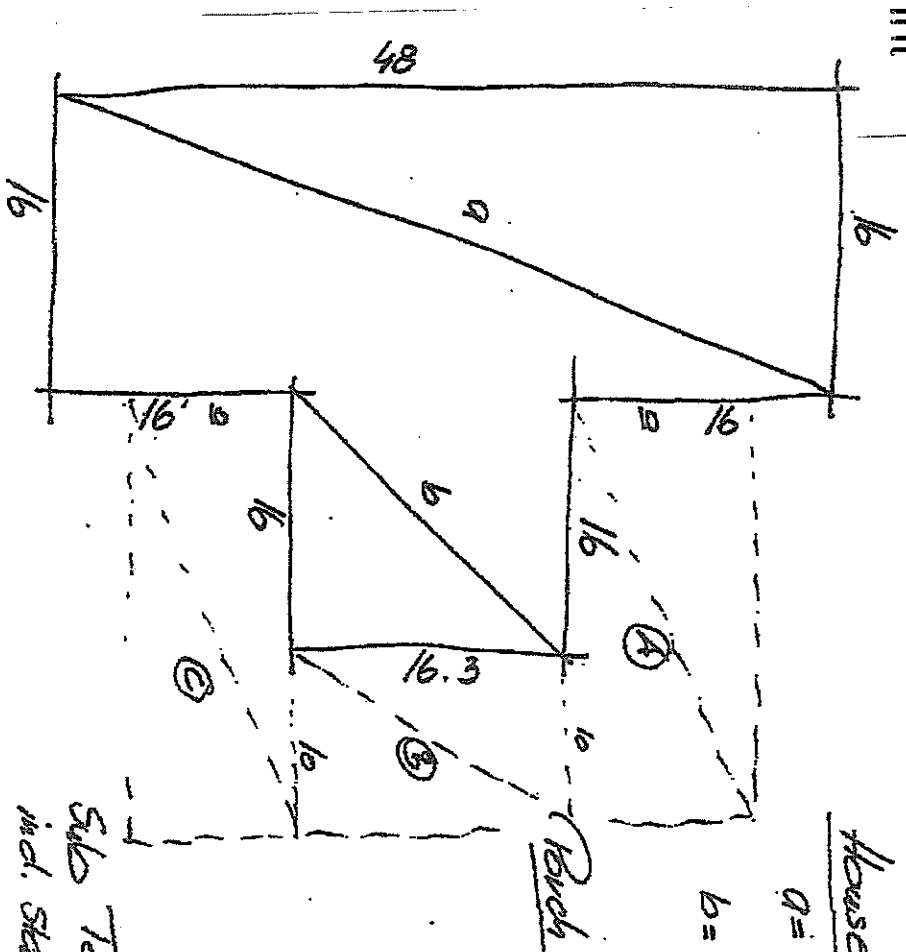
The proposed house located at 10201 Menlo Avenue that we are submitting for approval has a house footprint of 1761.7 square feet. As you can see, they are virtually the same footprint size.

Attached please find my calculation.

Footprint calculation

PREVIOUS SURFACE

Mr Staguhn calculation of his house footprint



House

$$a = 16 \times 48 = 768 \text{ sqft}$$

$$b = 16 \times 16.3 = \frac{260.8''}{1.023.8 \text{ sqft}}$$

$$1.023.8 \text{ sqft}$$

Porch

$$A = 16 \times 26 = 260$$

$$B = 10 \times 16.3 = 163$$

$$C = 10 \times 26 = \frac{260}{683 \text{ sqft}}$$

$$\text{Sub Total} = 1,711.8 \text{ sqft}$$

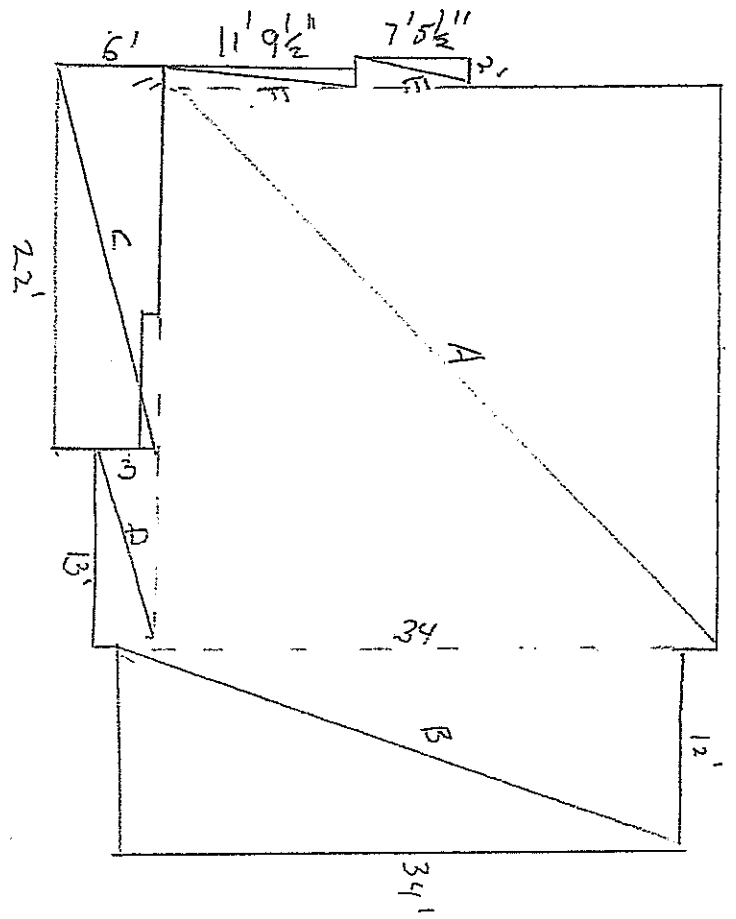
$$\text{incl. Stairs} = \frac{1,759.2 \text{ sqft}}{\text{Footprint}}$$

$$\text{Driveway} = 893 \text{ sqft}$$

$$\text{Stairs} = 6 \times 79 = 474 \text{ sqft}$$

Total	→	<u>2,604.8</u>
Stairs incl.		2,656.2 sqft

**10201 Menlo ave. Footprint Calculation
August 2018**



A = 1156 sq ft

B = 408 sq ft

C = 132 sq ft

D = 39 sq ft

E = 14.9 sq ft

F = 11.8 sq ft

=====
1,761.7 Total

These are the calculations of the roofs' square footage area for all of the houses in the historic area on that section of Menlo Avenue and houses located in the same subdivision as the proposed house. (These calculations were taken from a 30 scale aerial print provided by MNCPPC.)

Proposed House

10201 Menlo 1933.7 square feet

Houses in same subdivision

10203 Menlo 1992 square feet

2801 Barker 2334 square feet

2901 Barker 2200 square feet

2903 Barker 2020 square feet

2905 Barker 3562 square feet

Houses on Menlo Avenue not in the same subdivision

10205 Menlo 970 square feet

10207 Menlo 1295 square feet

10209 Menlo 1340 square feet

10211 Menlo 901 square feet

10213 Menlo 1115 square feet

10215 Menlo 1000 square feet

10217 Menlo 1921 square feet

10219 Menlo 2160 square feet

TREE PLAN

- WE HAD BARTLETT TREE EXPERTS COME OUT AND EVALUATE THE TREES AND THEY RECOMMENDED THE REMOVAL OF 9 TREES.
- DUE TO MONTGOMERY COUNTY'S NEW TREE CANOPY LAW, I WILL BE OBLIGATED TO PLANT 9 SHADE TREES OR WILL PAY A FEE IN LIEU OF IF I CANNOT FIT THEM ON THE PROPERTY.



BARTLETT TREE EXPERTS

1 Metropolitan Court, Gaithersburg, MD 20878 • Telephone 301-881-8550 • Fax 301-881-9063

Kevin Manarolla
Historic Preservation Committee

Christopher Larkin
Bartlett Tree Experts
Maryland LTE 616
ISA Certified Arborist MA-0131
ISA Tree Risk Assessment Qualified

Mr. Manarolla
Historic Preservation Committee
Fax: 301 563 3412

This is an evaluation of the existing trees located on the development lot #13
10201 Menlo Avenue
Silver Spring MD 20910.

Owner: Minter Farnsworth
25101 Peachtree Road
Clarksburg, MD 20871

Mobile Phone: 301-370-8625
E-Mail Address: farnsworthhomes@verizon.net

Eleven (11) trees are noted on the site development plan and located in or near the building disturbance area. The following summary notes the condition of each of the trees and factors affecting their survivability through the construction process.

Of the eleven (11) trees:

Four (4) are located near the street in the access to the lot.

- 1) 5" diameter Tulip Poplar overwhelmed with ivy in poor condition.
- 2) 13" diameter Walnut with a significant basal cavity and decay, leaning toward the street in fair condition.
- 3) 15" diameter Boxelder with no visible root flare and a severe lean in poor condition.

THE F.A. BARTLETT TREE EXPERT COMPANY
SCIENTIFIC TREE CARE SINCE 1907

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www.faztree.com



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- 4) 20" diameter Tulip Poplar with numerous vines in the canopy in fair condition.

Removal is recommended for these four trees. The narrow width of access and all construction activity will severely impact these trees.

Two (2) are located on the left side of the lot near the property line. These trees are growing at the edge of, if not in the drainage area.

- 5) 16" Tulip Poplar partially vine covered and in fair condition
6) 20" Tulip Poplar severely leaning toward the neighboring property and in fair condition.

Preservation of these two trees is possible. Root pruning (only if a soil cut is necessary on that side of the construction site) and tree protection fencing should be at the edge of the construction disturbance as far from the stems as possible but preferably a minimum of 17 feet (twice the 5 times diameter rule of thumb due to the soil conditions). Limited access and no storage of construction supplies or equipment should be made around the trees. The leaning Tulip Poplar should be considered for removal due to the wet nature of the area and the potential to impact the neighboring property if it fails.

Three (3) are located in the center of the lot on the land above the drainage area.

- 7) 17" diameter Tulip Poplar with numerous vines in fair condition
8) 23" diameter Tulip Poplar with numerous vines in fair condition
9) 20" diameter Tulip Poplar with numerous vines in fair condition

Removal of these trees will be required to build. They are in the center of the proposed house site.

Two (2) are located on the right side of the lot near the property line.

- 10) 29" Tulip Poplar with vines in the upper crown in fair condition.
11) 19" tulip Poplar with a severe lean over the proposed building location and vines in the upper canopy in fair condition.

Removal is recommended for these two trees. Their proximity to the construction zone and the necessary limits of disturbance will severely

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impact the health of these trees and their roots. The weight distribution of the crown would leave a high likelihood of failure onto the new structure.

The majority, 7 of 9, of the trees recommended for removal are Tulip Poplars, a common tree of the mid-Atlantic region. Tulip Poplars are a rapidly growing pioneer species often colonizing open spaces. The wood is soft, light when dry, decays rapidly in moist conditions and is brittle. Construction activity closer than 5 times the diameter of the tree will cause root damage and often leads to root decay increasing the likelihood of whole tree uprooting. Wet or saturated sites will also affect the stability of the trees. A previously uprooted tree near tree number (6) indicates that the soil in the drainage are often saturated.

You can contact me at: Christopher Larkin
Bartlett Tree Experts
1 Metropolitan Court
Gaithersburg, MD 20878
e-mail clarkin@bartlett.com
cell: 240-447-0837
Fax: 301-881-9063

Thank you for your time and consideration.

Regards,

Christopher Larkin
ISA Certified Arborist MA-0131
ISA Tree Risk Assessment Qualified

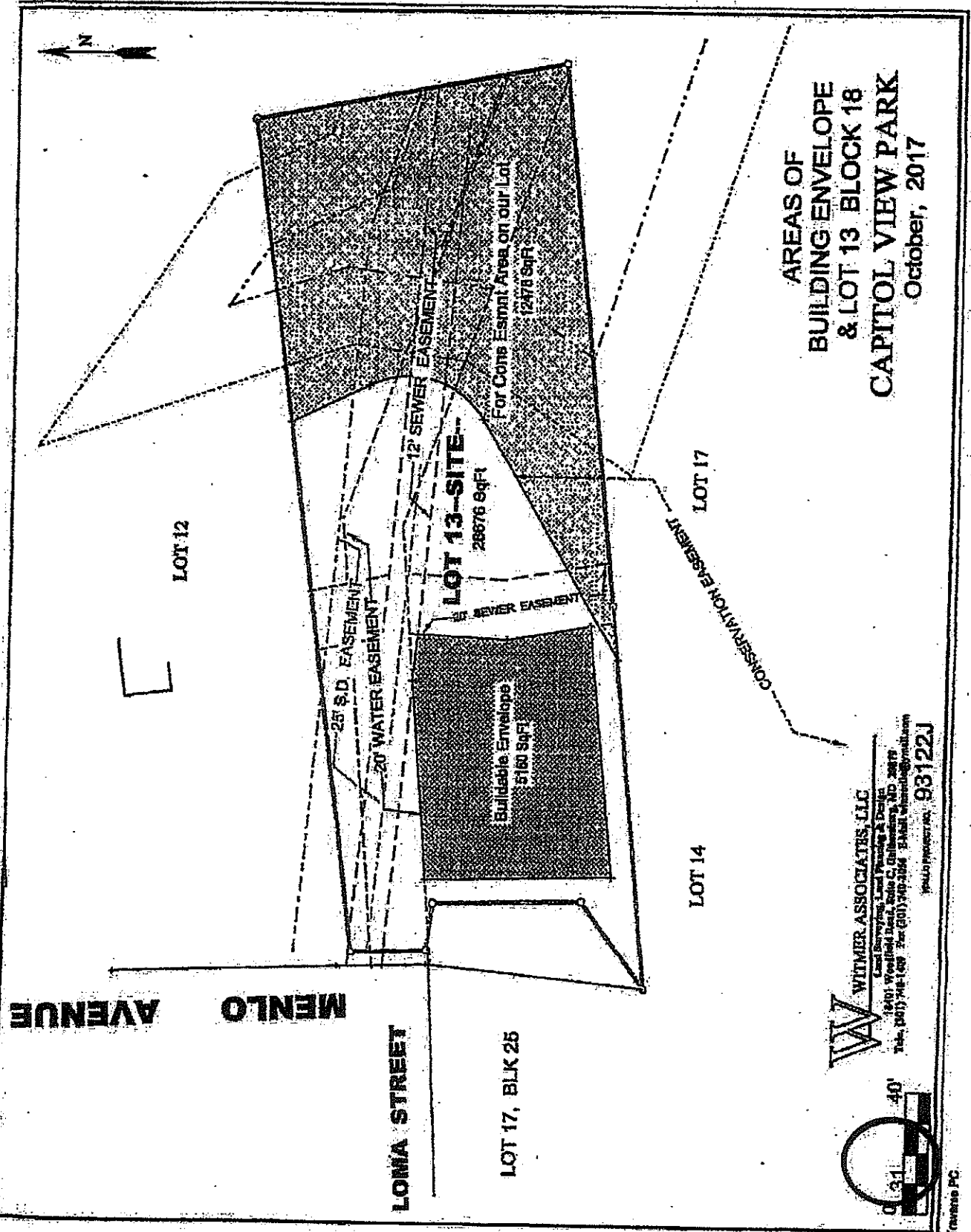
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**AREAS OF
BUILDING ENVELOPE
& LOT 13 BLOCK 18
CAPITOL VIEW PARK
October, 2017**



W WITMER ASSOCIATES, LLC
 Land Surveying, Land Planning & Escrow
 18401 Woodfield Road, Suite C, Gaithersburg, MD 20878
 Tel: (301) 748-1400 Fax: (301) 748-3354 Email: info@witmer.com
 (301) 748-1400

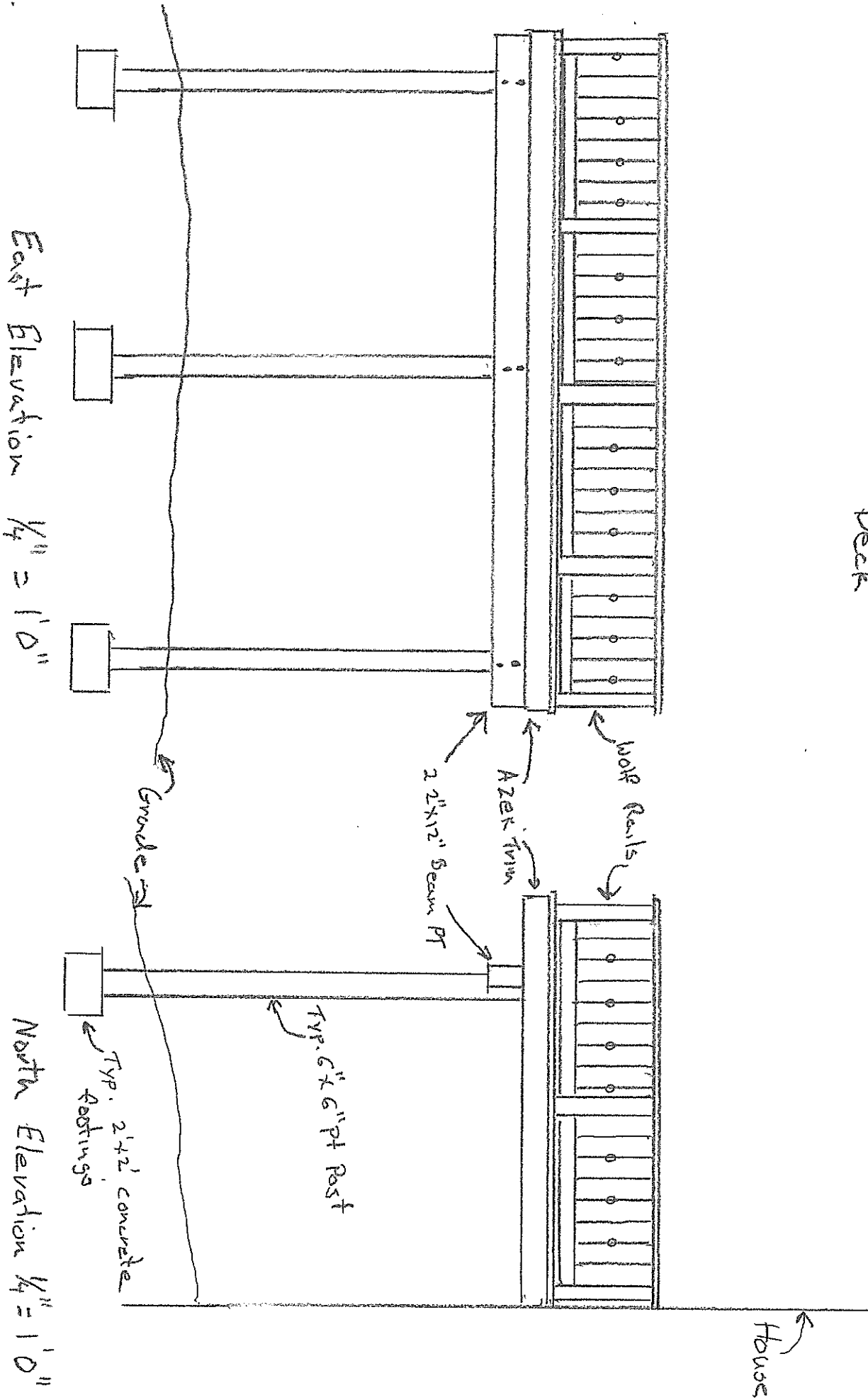
93122J

MATERIALS SPECIFICATIONS

- ANDERSEN VINYL CLAD WOOD WINDOWS.
- HARDIE PLANK LAP SIDING SMOOTH
- DECK TO BE PRESSURE TREATED WOOD WITH COMPOSITE DECKING, AZEK TRIM & WOLF RAILS PER PHOTO
- ROOFING TO BE ASPHALT ARCHITECTURAL SHINGLE
- PORCH ROOF TO BE METAL STANDING SEAM
- DRIVEWAY AND PARKING AREA TO BE ASPHALT
- FENCING PER PHOTO
- RETAINING WALLS PER PHOTO

10221 Menlo Ave.

Deck



ARMADILLO



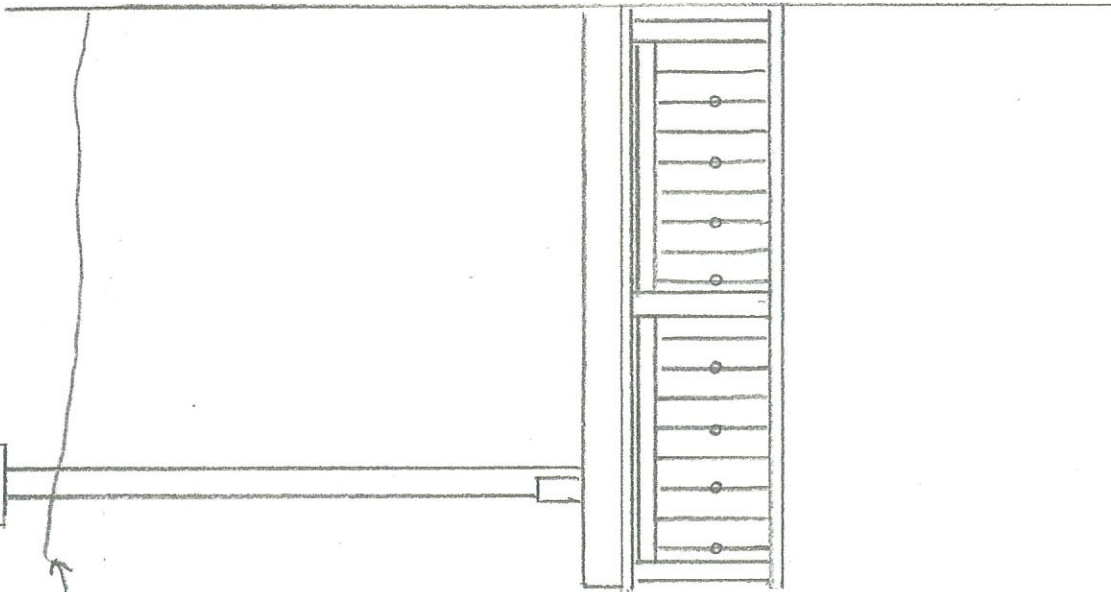
Decking
Material

Color
Canyon
Gray

House



WOOD Rails



South Elevation

$\frac{1}{4}'' = 1'0''$

Grade



10201 MENLO AVENUE

**PROPOSED RETAINING WALLS:
6" x 6" PRESSURE TREATED RETAINING WALLS
WITH 6" x 6" PRESSURE TREATED TIE BACKS
WITH NATURAL FINISH
LOCATIONS AS PER SITE PLAN DRAWING**



10201 MENLO AVENUE

**PROPOSED MACADAM DRIVEWAY
LOCATION AS PER SITE PLAN DRAWING**



10201 MENLO AVENUE

**PROPOSED FENCING:
PRESSURE TREATED 1" X 6" VERTICAL
6' HIGH PRIVACY FENCING WITH NATURAL FINISH
LOCATION AS PER SITE PLAN DRAWING**



Although you cannot see this house from the street this is the view of the massing of 2905 Barker from my backyard. This house was approved by the HPC 5 -13 -92