

Docket Item # 7
BAR CASE # 2017-00400

BAR Meeting
November 15, 2017

ISSUE: Request for a Certificate of Appropriateness for alterations

APPLICANT: Brian and Elizabeth Davey

LOCATION: 201 Cameron Street

ZONE: RM / Residential

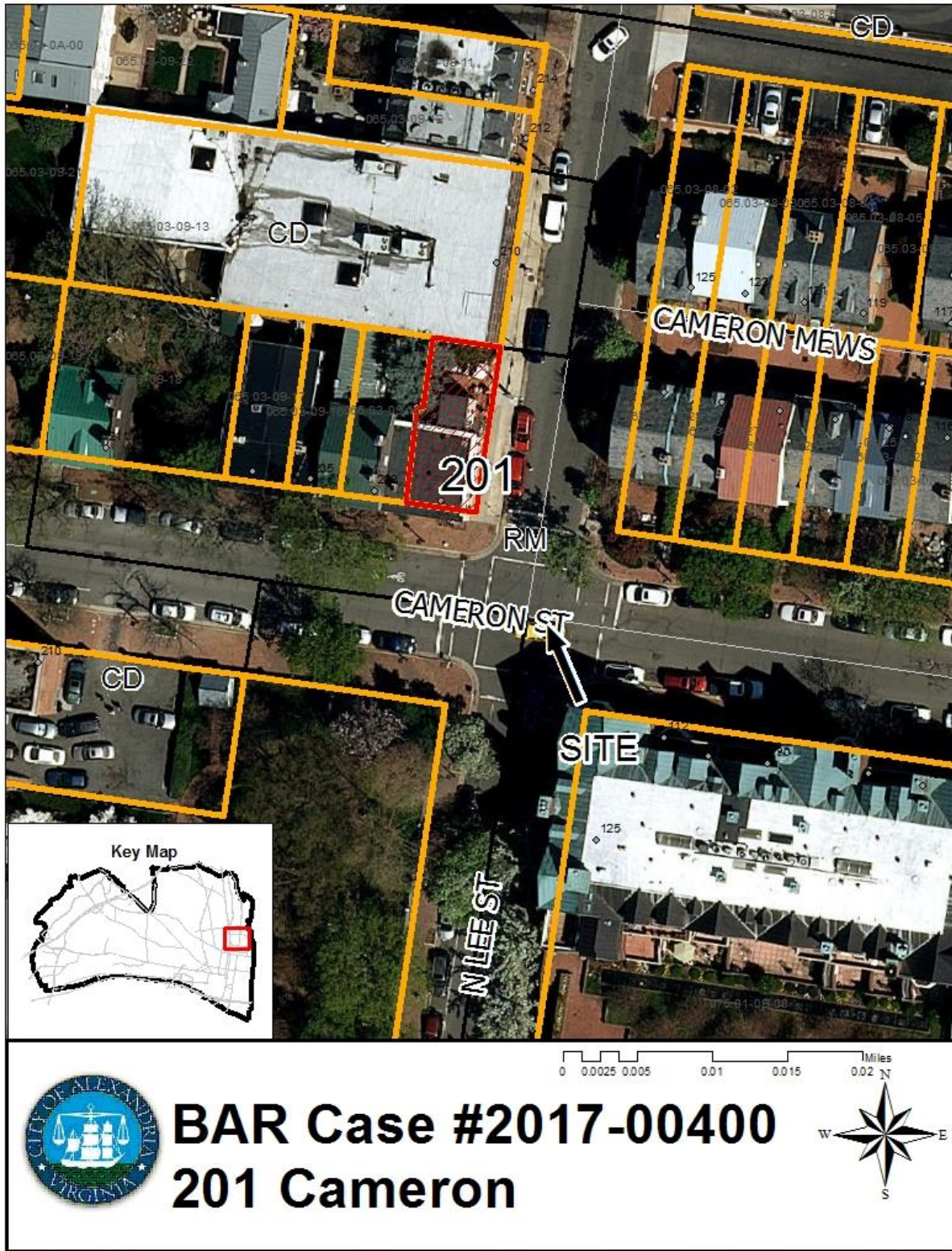
STAFF RECOMMENDATION:

Staff recommends approval of the application with the following condition:

1. The applicant must work with the Transportation and Environment Services department to ensure that the swing of the gate complies with the City regulation not to obstruct the public right-of-way.
2. The applicant must remove the vinyl lattice attached to the existing metal fence.

GENERAL NOTES TO THE APPLICANT

1. **ISSUANCE OF CERTIFICATES OF APPROPRIATENESS AND PERMITS TO DEMOLISH:** Applicants must obtain a stamped copy of the Certificate of Appropriateness or Permit to Demolish PRIOR to applying for a building permit. Contact BAR Staff, Room 2100, City Hall, 703-746-3833, or preservation@alexandriava.gov for further information.
2. **APPEAL OF DECISION:** In accordance with the Zoning Ordinance, if the Board of Architectural Review denies or approves an application in whole or in part, the applicant or opponent may appeal the Board's decision to City Council on or before 14 days after the decision of the Board.
3. **COMPLIANCE WITH BAR POLICIES:** All materials must comply with the BAR's adopted policies unless otherwise specifically approved.
4. **BUILDING PERMITS:** Most projects approved by the Board of Architectural Review require the issuance of one or more construction permits by Building and Fire Code Administration (including signs). The applicant is responsible for obtaining all necessary construction permits after receiving Board of Architectural Review approval. Contact Code Administration, Room 4200, City Hall, 703-746-4200 for further information.
5. **EXPIRATION OF APPROVALS NOTE:** In accordance with Sections 10-106(B) and 10-206(B) of the Zoning Ordinance, any official Board of Architectural Review approval will expire 12 months from the date of issuance if the work is not commenced and diligently and substantially pursued by the end of that 12-month period.
6. **HISTORIC PROPERTY TAX CREDITS:** Applicants performing extensive, certified rehabilitations of historic properties may separately be eligible for state and/or federal tax credits. Consult with the Virginia Department of Historic Resources (VDHR) prior to initiating any work to determine whether the proposed project may qualify for such credits.



I. ISSUE

The applicant is request a Certificate of Appropriate for alterations to extend an existing garden wall and install an automated vehicle gate.

The applicant is proposing to extend the existing 8" inch curved brick garden wall approximately 9 feet to meet the patio step at the western portion of the property. The proposed garden wall will turn west (towards the fence) and end at the property line. A 4" inch wall will begin and run the length of the patio and will end at the back stoop. The wall will be 2 brick courses high. The applicant is also requesting approval for a dual-leaf iron automated gate. The height of the proposed gate is 5'6" and it will be mounted on two 6"x6" steel post making the highest sections of the gate 6' feet. The gate is intended to match the existing metal fence with brick piers to the south.

II. HISTORY

The two-story frame townhouse at 201 Cameron Street first appears on the 1891 Sanborn Insurance Map. Prior to its construction, the lot at 201 Cameron Street served as a garden for the adjacent lot at 203 Cameron Street which functioned as a Civil War hospital.

There are no prior BAR approvals for this property.

III. ANALYSIS

The *Design Guidelines* state that an important visual feature of the historic districts are the fences, garden walls, and gates define the property lines. Additionally, these features can provide a sense of privacy and enclosure for property owners. The proposed alteration and expansion of the garden wall meets the *Design Guidelines* and though it is highly visible from the public right-of-way it is completely on private property. The addition of the gate will better demarcate the private realm from the public realm while allowing the public to continue to view the garden space.



Figure 1: View of the existing garden wall and location of proposed gate.

The design of the proposed automated gate is similar in design and openness to the existing fence which is historically accurate and appropriate to this Victorian era townhouse. Upon doing a site visit for this application, staff observed that a vinyl lattice has been affixed to the existing metal

fence. That material is not appropriate in the historic district and the installation diminishes the open qualities of the metal fence with brick piers. Staff recommends a condition that the lattice be removed as part of the review.

Transportation & Environmental Services noted that according to City regulations, the gate may not block the public right-of-way at any time. The operation of the gate is not of concern to the BAR so long as the design is appropriate. Therefore, staff notes as a condition of approval that the applicant work with T&ES staff to find an appropriate solution for the operation so that the property owner may access the property while also meeting applicable City requirements.

STAFF

Amirah Lane, Historic Preservation Planner, Planning & Zoning
Al Cox, FAIA, Historic Preservation Manager, Planning & Zoning

IV. CITY DEPARTMENT COMMENTS

Legend: C- code requirement R- recommendation S- suggestion F- finding

Zoning

F-1 The existing dwelling, entrance staircase, and planter are located within the public right-of-way.

C-1 Proposed interior brick garden wall extension and gate complies with zoning. Proposed brick garden walls and new metal gate must be located completely on the subject property.

Code Administration

C-1 A building permit, plan review and inspections are not required for a retaining wall less than three feet.

Transportation and Environmental Services

R-1 The building permit must be approved and issued prior to the issuance of any permit for demolition. (T&ES)

R-2 Applicant shall be responsible for repairs to the adjacent city right-of-way if damaged during construction activity. (T&ES)

R-3 No permanent structure may be constructed over any existing private and/or public utility easements. It is the responsibility of the applicant to identify any and all existing easements on the plan. (T&ES)

R-4 The gate shall not block the right of way at any time. (T&ES)

F-1 After review of the information provided, an approved grading plan is not required at this time. Please note that if any changes are made to the plan it is suggested that T&ES be included in the review. (T&ES)

F-2 Current gate design shows that the swing will block the right of way when open. (T&ES)

- C-1 The applicant shall comply with the City of Alexandria's Solid Waste Control, Title 5, Chapter 1, which sets forth the requirements for the recycling of materials (Sec. 5-1-99). (T&ES)
- C-2 The applicant shall comply with the City of Alexandria's Noise Control Code, Title 11, Chapter 5, which sets the maximum permissible noise level as measured at the property line. (T&ES)
- C-3 All secondary utilities serving this site shall be placed underground. (Sec. 5-3-3) (T&ES)
- C-4 Any work within the right-of-way requires a separate permit from T&ES. (Sec. 5-2) (T&ES)
- C-5 All improvements to the city right-of-way such as curbing, sidewalk, driveway aprons, etc. must be city standard design. (Sec. 5-2-1) (T&ES)

Alexandria Archaeology

- F-1 According to historic maps during the Civil War the lot at 201 Cameron St. served as a garden for the adjacent lot at 203 Cameron St. which functioned as a Civil War hospital. Although the proposed undertaking likely will have little impact on the archaeological record, we ask the applicant to abide by two archaeological requests.
- R-*1. The applicant/developer shall call Alexandria Archaeology immediately (703-746-4399) if any buried structural remains (wall foundations, wells, privies, cisterns, etc.) or concentrations of artifacts are discovered during development. Work must cease in the area of the discovery until a City archaeologist comes to the site and records the finds.
- R-*2. The applicant/developer shall not allow any metal detection to be conducted on the property, unless authorized by Alexandria Archaeology.
- R-3. The statements in archaeology conditions above marked with an asterisk "*" shall appear in the General Notes of all site plans and on all site plan sheets that involve demolition or ground disturbance (including Basement/Foundation Plans, Demolition, Erosion and Sediment Control, Grading, Landscaping, Utilities, and Sheeting and Shoring) so that on-site contractors are aware of the requirements.

V. ATTACHMENTS

- 1 – Application for BAR 2017-0400: 201 Cameron Street*
- 2 – Supplemental Materials*

Application Materials

BAR2017-00400

Attachment 1

201 Cameron

BAR Case # _____

Dated Routed: 10.19.2017

ADDRESS OF PROJECT: 201 CAMERON ST. ALEXANDRIA

TAX MAP AND PARCEL: _____ ZONING: _____

APPLICATION FOR: (Please check all that apply)

☒ CERTIFICATE OF APPROPRIATENESS☐ PERMIT TO MOVE, REMOVE, ENCAPSULATE OR DEMOLISH
(Required if more than 25 square feet of a structure is to be demolished/impacted)☐ WAIVER OF VISION CLEARANCE REQUIREMENT and/or YARD REQUIREMENTS IN A VISION
CLEARANCE AREA (Section 7-802, Alexandria 1992 Zoning Ordinance)☐ WAIVER OF ROOFTOP HVAC SCREENING REQUIREMENT
(Section 6-403(B)(3), Alexandria 1992 Zoning Ordinance)Applicant: ☒ Property Owner ☐ Business (Please provide business name & contact person)Name: BRIAN + ELIZABETH DAVEYAddress: 201 CAMERON ST.City: ALEXANDRIA State: VA Zip: 22314Phone: 703 567 4740 E-mail: eadavey@mac.comAuthorized Agent (if applicable): ☐ Attorney ☐ Architect ☐ _____

Name: _____ Phone: _____

E-mail: _____

Legal Property Owner:

Name: BRIAN JOHN DAVEY + ELIZABETH ANN DAVEYAddress: 201 CAMERON ST.City: ALEXANDRIA State: VA Zip: 22314Phone: 703 567 4740 E-mail: eadavey@mac.com

- ☐ Yes ☒ No Is there an historic preservation easement on this property?
☐ Yes ☒ No If yes, has the easement holder agreed to the proposed alterations?
☐ Yes ☒ No Is there a homeowner's association for this property?
☒ Yes ☐ No If yes, has the homeowner's association approved the proposed alterations?

If you answered yes to any of the above, please attach a copy of the letter approving the project.

NATURE OF PROPOSED WORK: Please check all that apply

- ☐ NEW CONSTRUCTION
☒ EXTERIOR ALTERATION: Please check all that apply.
 ☐ awning ☒ fence, gate or garden wall ☐ HVAC equipment ☐ shutters
 ☐ doors ☐ windows ☐ siding ☐ shed
 ☐ lighting ☐ pergola/trellis ☐ painting unpainted masonry
 ☐ other _____
☐ ADDITION
☐ DEMOLITION/ENCAPSULATION
☐ SIGNAGE

DESCRIPTION OF PROPOSED WORK: Please describe the proposed work in detail (Additional pages may be attached).

1. RE-MODELING OF GARDEN RETAINING WALL SITED ON WEST SIDE OF PROPERTY:

- a) REMOVING CURVED SECTION OF EXISTING BRICK WALL AND REPLACING IT WITH BRICK WALL OF SAME HEIGHT EXTENDING TO STEP AT END OF PATIO AND FENCE
- b) ADDING A BRICK PLANTER (RETAINING WALL) ALONG WEST SIDE OF PATIO, H = 4'1/2", W = 14"

2. GATE:

AUTOMATED GATE ACROSS THE ENTRANCE OF THE PROPERTY, SIMILAR IN STYLE TO THE EXISTING FENCE ON LEE STREET.

SUBMITTAL REQUIREMENTS:

Items listed below comprise the **minimum supporting materials** for BAR applications. Staff may request additional information during application review. Please refer to the relevant section of the *Design Guidelines* for further information on appropriate treatments.

Applicants must use the checklist below to ensure the application is complete. Include all information and material that are necessary to thoroughly describe the project. Incomplete applications will delay the docketing of the application for review. Pre-application meetings are required for all proposed additions. All applicants are encouraged to meet with staff prior to submission of a completed application.

Electronic copies of submission materials should be submitted whenever possible.

Demolition/Encapsulation : All applicants requesting 25 square feet or more of demolition/encapsulation must complete this section. Check N/A if an item in this section does not apply to your project.

- ☐ ☒ N/A Survey plat showing the extent of the proposed demolition/encapsulation.
☐ ☐ Existing elevation drawings clearly showing all elements proposed for demolition/encapsulation.
☐ ☐ Clear and labeled photographs of all elevations of the building if the entire structure is proposed to be demolished.
☐ ☐ Description of the reason for demolition/encapsulation.
☐ ☐ Description of the alternatives to demolition/encapsulation and why such alternatives are not considered feasible.

Dated Routed: 10.19.2017

Additions & New Construction: Drawings must be to scale and should not exceed 11" x 17" unless approved by staff. All plans must be folded and collated into 3 complete 8 1/2" x 11" sets. Additional copies may be requested by staff for large-scale development projects or projects fronting Washington Street. Check N/A if an item in this section does not apply to your project.

- ☒ ☐ N/A
- ☐ ☐ Scaled survey plat showing dimensions of lot and location of existing building and other structures on the lot, location of proposed structure or addition, dimensions of existing structure(s), proposed addition or new construction, and all exterior, ground and roof mounted equipment.
- ☐ ☐ FAR & Open Space calculation form.
- ☐ ☐ Clear and labeled photographs of the site, surrounding properties and existing structures, if applicable.
- ☐ ☐ Existing elevations must be scaled and include dimensions.
- ☐ ☐ Proposed elevations must be scaled and include dimensions. Include the relationship to adjacent structures in plan and elevations.
- ☐ ☐ Materials and colors to be used must be specified and delineated on the drawings. Actual samples may be provided or required.
- ☐ ☐ Manufacturer's specifications for materials to include, but not limited to: roofing, siding, windows, doors, lighting, fencing, HVAC equipment and walls.
- ☐ ☐ For development site plan projects, a model showing mass relationships to adjacent properties and structures.

Signs & Awnings: One sign per building under one square foot does not require BAR approval unless illuminated. All other signs including window signs require BAR approval. Check N/A if an item in this section does not apply to your project.

- ☒ ☐ N/A
- ☐ ☐ Linear feet of building: Front: _____ Secondary front (if corner lot): _____
- ☐ ☐ Square feet of existing signs to remain: _____
- ☐ ☐ Photograph of building showing existing conditions.
- ☐ ☐ Dimensioned drawings of proposed sign identifying materials, color, lettering style and text.
- ☐ ☐ Location of sign (show exact location on building including the height above sidewalk).
- ☐ ☐ Means of attachment (drawing or manufacturer's cut sheet of bracket if applicable).
- ☐ ☐ Description of lighting (if applicable). Include manufacturer's cut sheet for any new lighting fixtures and information detailing how it will be attached to the building's facade.

Alterations: Check N/A if an item in this section does not apply to your project.

- ☒ ☒ N/A
- ☒ ☐ Clear and labeled photographs of the site, especially the area being impacted by the alterations, all sides of the building and any pertinent details.
- ☒ ☐ Manufacturer's specifications for materials to include, but not limited to: roofing, siding, windows, doors, lighting, fencing, HVAC equipment and walls.
- ☒ ☐ Drawings accurately representing the changes to the proposed structure, including materials and overall dimensions. Drawings must be to scale.
- ☒ ☐ An official survey plat showing the proposed locations of HVAC units, fences, and sheds.
- ☐ ☒ Historic elevations or photographs should accompany any request to return a structure to an earlier appearance.

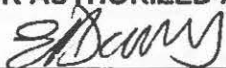
ALL APPLICATIONS: Please read and check that you have read and understand the following items.

- ☒ I have submitted a filing fee with this application. (Checks should be made payable to the City of Alexandria. Please contact staff for assistance in determining the appropriate fee.)
- ☒ I understand the notice requirements and will return a copy of the three respective notice forms to BAR staff at least five days prior to the hearing. If I am unsure to whom I should send notice I will contact Planning and Zoning staff for assistance in identifying adjacent parcels.
- ☒ I, the applicant, or an authorized representative will be present at the public hearing.
- ☒ I understand that any revisions to this initial application submission (including applications deferred for restudy) must be accompanied by the BAR Supplemental form and 3 sets of revised materials.

The undersigned hereby attests that all of the information herein provided including the site plan, building elevations, prospective drawings of the project, and written descriptive information are true, correct and accurate. The undersigned further understands that, should such information be found incorrect, any action taken by the Board based on such information may be invalidated. The undersigned also hereby grants the City of Alexandria permission to post placard notice as required by Article XI, Division A, Section 11-301(B) of the 1992 Alexandria City Zoning Ordinance, on the property which is the subject of this application. The undersigned also hereby authorizes the City staff and members of the BAR to inspect this site as necessary in the course of research and evaluating the application. The applicant, if other than the property owner, also attests that he/she has obtained permission from the property owner to make this application.

APPLICANT OR AUTHORIZED AGENT:

Signature: _____



Printed Name: _____

ELIZABETH ANN DAVEY

Date: 10-02-2017.

Attachment 1
OWNERSHIP AND DISCLOSURE STATEMENT
 Use additional sheets if necessary

Application Materials
 BAR2017-00400
 201 Cameron
 Dated Routed: 11.03.2017

1. Applicant. State the name, address and percent of ownership of any person or entity owning an interest in the applicant, unless the entity is a corporation or partnership, in which case identify each owner of more than three percent. The term ownership interest shall include any legal or equitable interest held at the time of the application in the real property which is the subject of the application.

Name	Address	Percent of Ownership
1. ELIZABETH ANN DAVEY	201 CAMERON ST ALEXANDRIA	50%
2. BRIAN JOHN DAVEY	" " "	50%
3.		

2. Property. State the name, address and percent of ownership of any person or entity owning an interest in the property located at 201 CAMERON ST ALEXANDRIA (address), unless the entity is a corporation or partnership, in which case identify each owner of more than three percent. The term ownership interest shall include any legal or equitable interest held at the time of the application in the real property which is the subject of the application.

Name	Address	Percent of Ownership
1. ELIZABETH ANN DAVEY	201 CAMERON ST	50%
2. BRIAN JOHN DAVEY	" " ALEXANDRIA	50%
3.		

3. Business or Financial Relationships. Each person or entity listed above (1 and 2), with an ownership interest in the applicant or in the subject property is required to disclose any business or financial relationship, as defined by Section 11-350 of the Zoning Ordinance, existing at the time of this application, or within the 12-month period prior to the submission of this application with any member of the Alexandria City Council, Planning Commission, Board of Zoning Appeals or either Boards of Architectural Review.

Name of person or entity	Relationship as defined by Section 11-350 of the Zoning Ordinance	Member of the Approving Body (i.e. City Council, Planning Commission, etc.)
1. ELIZABETH ANN DAVEY	N/A	NO
2. BRIAN JOHN DAVEY	N/A	NO
3.		

NOTE: Business or financial relationships of the type described in Sec. 11-350 that arise after the filing of this application and before each public hearing must be disclosed prior to the public hearings.

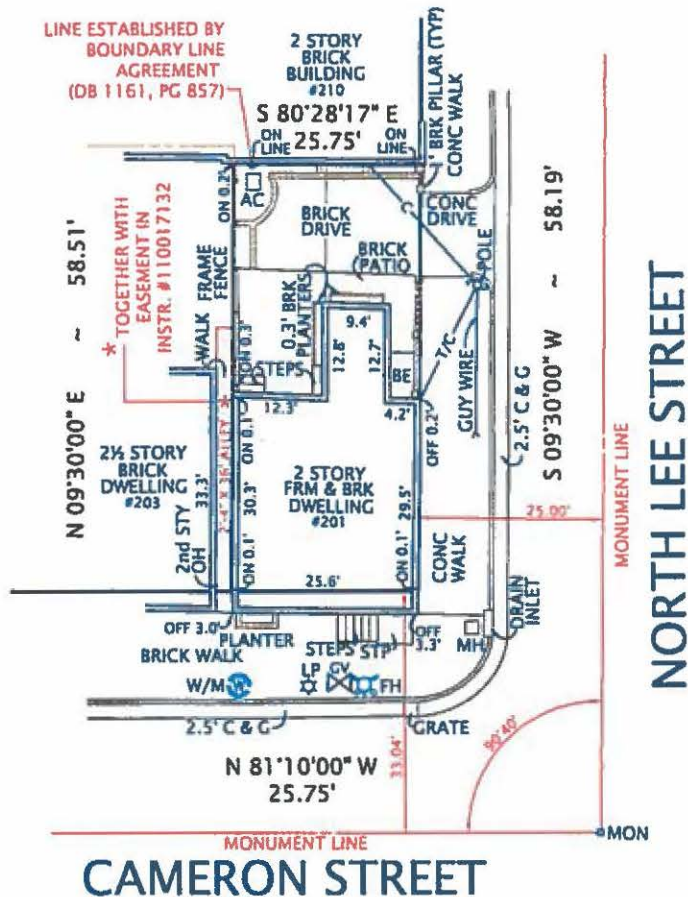
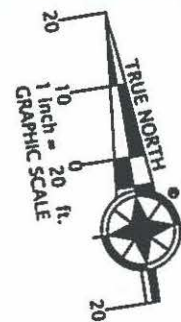
As the applicant or the applicant's authorized agent, I hereby attest to the best of my ability that the information provided above is true and correct.

11-03-2017
 Date

E. A. DAVEY
 Printed Name


 Signature

- NOTES: 1. FENCES ARE WROUGHT IRON UNLESS OTHERWISE NOTED.
 2. ELECTRIC IS UNDERGROUND.
 3. ALL WALLS ARE 0.7' BRICK UNLESS NOTED.
 4. TOTAL AREA = 1,502 SF (COMPUTED).



PLAT
 SHOWING HOUSE LOCATION ON
 THE PROPERTY LOCATED AT
#201 CAMERON STREET

(INSTR #040050423)

CITY OF ALEXANDRIA, VIRGINIA

SCALE: 1" = 20'

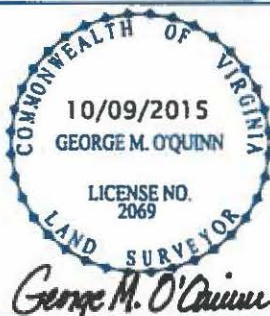
OCTOBER 9, 2015

I HEREBY CERTIFY THAT THE POSITIONS OF ALL THE EXISTING IMPROVEMENTS HAVE BEEN CAREFULLY ESTABLISHED BY A CURRENT FIELD SURVEY AND UNLESS SHOWN THERE ARE NO VISIBLE ENCROACHMENTS AS OF THIS DATE:

THIS PLAT IS SUBJECT TO RESTRICTIONS OF RECORD.

A TITLE REPORT WAS NOT FURNISHED.

NO CORNER MARKERS SET.



CASE NAME:

ROSCH, TRUSTEE ~ DAVEY
 LAW OFFICES, MARK S. ALLEN

DOMINION Surveyors Inc.®

8808-H PEAR TREE VILLAGE COURT
 ALEXANDRIA, VIRGINIA 22309
 703-619-6555
 FAX: 703-799-6412

CASE NAME: DAVEY

CASE NO. 15-0256

#150930010

Application Materials
 BAR2017-00400
 201 Cameron
 Date Routed: 10.19.2017



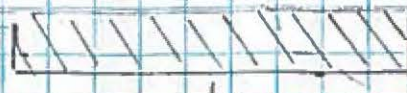


EXTENSION OF WALLED BORDER

SCALE 1" = 1'

VERTICAL SECTION

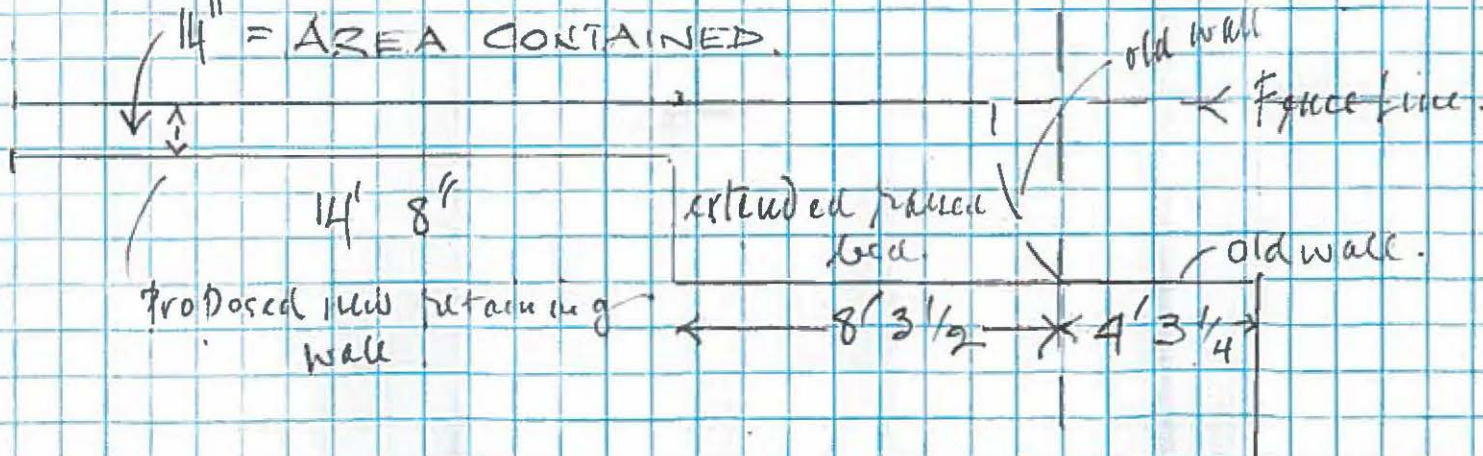
4 1/2" AT STEP.



HEIGHT HERE 16"

HORIZONTAL SECTION

14" = AREA CONTAINED.



BRICK TO BLEND WITH EXISTING BRICK WORK

WILBANKS MASONRY

REPAIR & RESTORATION

Contact: Sam Wilbanks
E-Mail: samtwilbanks@gmail.com
Phone: 443.366.1468

Anne Davey
201 Cameron Street
Alexandria, Virginia
22307

Overview of project:

The curved 8 inch brick garden wall will be extended approximately 9 feet to meet the patio step. The wall will turn toward the fence and end at the property line. A 4 inch wall will begin and run the length of the patio ending at the the back stoop. This wall will be 2 courses high.

Labor:

1. The project will begin by moving the dirt that is against the garden wall. Control cuts will be made just before the curve in order to not disturb the existing masonry. The curve and remainder of the wall will be removed. The brick pavers will be lifted and a concrete slab poured to support the new section of wall.
Masonry debris will be hauled away and disposed of.
2. The wall will be extended in a straight line 6 courses high and 8 inches in width until meeting the patio step and turning toward the fence, ending at the property line.
3. The brick along the side of the patio will be removed leaving the concrete pad. The brick at the corner of the patio which are not level will be removed. A flexible drain pipe will be installed from the downspout to the drain running above the concrete.
4. The 4 inch brick wall will be laid 2 courses high and extend to the back stoop creating a small planting bed. The brick at the corner will be relayed so that it is level with the existing pavers.
5. The mortar used will be type-N matching the original color and texture. Type-N provides strength with a degree of flexibility to resist future cracking. All brickwork will be cleaned with muriatic acid to remove any mortar smear.

Total cost of labor: \$2150.00

Materials:

Diamond blades
Replacement brick
Mortar type-N
Building sand
Concrete mix
Steel rebar
Flexible drain pipe
Muriatic acid

Total: \$370.00

Application Materials
BAR2017-00400
201 Cameron
Date Routed: 10.19.2017

WILBANKS MASONRY

REPAIR & RESTORATION

Contact: Sam Wilbanks
E-Mail: samtwilbanks@gmail.com
Phone: 443.366.1468

Wilbanks & Associates Masonry Restoration specializes in the repair of historic masonry structures – with regard to matching mortar color and brick to ensure our repairs are as unnoticeable as possible. To provide our best quality control and customer service, we keep our crews small and have an owner of the company in every job. We take pride in our craftsmanship and our customer relationships. If you have any questions please contact me personally at 443-366-1468.

Thank you,

Sam Wilbanks

Wilbanks Masonry

Gate Proposal

Gate designs are proprietary and are not intended for duplication or to be shared with other contractors without prior written consent of Aurora Services, Inc.

Please be respectful of design content and creative property.

PREPARED FOR: Ann Davey
ADDRESS: 201 Cameron St., Alexandria VA 22314
CONTACT INFO: C# 646.406.2313, eadavey@mac.com
PROPOSAL NAME: DaveyA72417
PREPARED BY: Amber Isham

Executive Summary

OUR OBJECTIVE: Aurora Services, Inc. has provided the attached Gate Proposal with our primary objective of offering our best professional service coupled with our personal integrity. Our installation crew eagerly awaits beginning your installation, from the ground up. You will be treated with our individual attention starting with our office staff to field technicians. We are always engaged in beginning a new project and seeing it through to a perfect completion.

OUR GOALS: Our goal is to exercise every effort available to us to find efficient solutions to each installation or service request. It is our focal point to have good, continuous communication with our clients, be committed to completing each assigned task in a proficient and professional manner with your gratification as our reward! We quantify our success by your happiness!

INSTALLATION SUMMARY: Each installation has its own identity, it is distinctive and unique to location, ownership, and intended use. We have designed your installation based on site observation, discussion with you and our personal recommendations based on years of gate installations and service.

To summarize your specific site plan, see below, we have defined our scope of work, equipment intended for installation, and any extraordinary pieces of equipment we deem of importance or essential to ensure proper operation of your system.

GATE FABRICATION/INSTALLATION

Provide and install a dual leaf gate design (1~ Davey), at designated opening location (to be marked by client for proper placement prior to post installation) with gate opening dimension being 11'3", height at hinge end of gate to be 5'6", and center height of gate to measure 5'6", mounting from (2) 6"x6" steel posts centered off of driveway area, to in to include sand blasting of gate prior to final paint application, all miscellaneous materials and labor to complete gate installation.

Quoted cost of iron fabrication is valid for a period of two weeks from proposal date due to escalation of materials costs

GATE ACTUATOR(S)

Provide and install (1) G5 dual leaf automatic gate systems to include (1) wired panel to include in radio receiver, (2) radio transmitters, loop detector rack, (1) photocell safety eye, (2) manual release keys, on board battery backup, (1) eight foot driven copper clad ground rods with clamp and #6 ground wire to clamp to bond all equipment, (2) *warning lights mounted upon gate posts, click open/click closed*, (1) hardwired surge suppressor, (1) industrial rain-tight junction boxes to house all gate controls, weld all gate hardware, all labor, miscellaneous materials and final testing of completed systems.

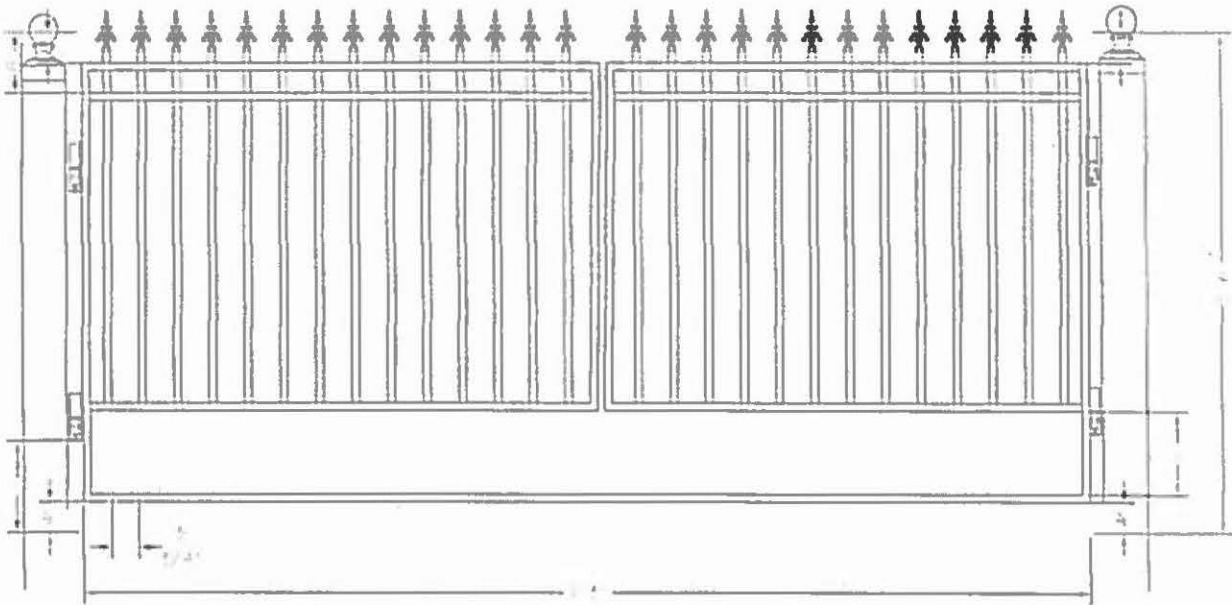
Customer is to provide required power wiring to location of automatic gate system per instruction with a minimum wire gauge of THHN 10/3 in conduit. Voltage and wire gauge depends upon distance power circuit if pulled to location.

LINK TO: [VIKING G5 ACTUATOR SYSTEM](#)

EMERGENCY VEHICLE ENTRY DEVICE

Provide and install (1) Knox emergency vehicle access key switch to be located on gooseneck stand at entry gate with keyed tumbler as designated by municipality to be in compliance with City of Alexandria policy to provide free access properties for emergency vehicles to include key switch, final calibration and testing of system.

Gate Design Quoted



1 ~ DAVEY

