

***Proposed Reconstruction of Wall
Separating Properties at 49 & 51 Academy Street***



Rendering of Proposed wall and fence

Submitted by

David and Hilary Baldwin
49 Academy St.

Rem Le
51 Academy St.



Arlington Historic District Commissions

Application for Certificate

(Read attached instructions
before completing form)

For Commission Use Only:

Date Rec: _____

Hearing Date: _____

Certificate #: _____

Monitor: _____

Certificate Requested:

- Appropriateness** – for work described herein
 Minor project Major Project Demolition
- Non-Applicability** – for the following reason(s):
 Not subject to public view
 Maintenance, repair, or replacement using same design and materials
 Proposed change specifically excluded from review under Bylaw
 Other: _____
- Hardship** – financial or otherwise and does not conflict substantially with the intent and purposes of the Bylaw

General Information:

Property Address 49 & 51 Academy St. District Pleasant St

Owner(s) Baldwin/Le Email dbaldwin@mitre.org

Owner's Phone (h) 781-643-4833 (w) _____ (fax) _____

Owner's Address 49 Academy St

Applicant (if not Owner) _____

Applicant's Phone (h) _____ (w) _____ (fax) _____

Applicant's Address _____

Applicant's Relationship to Owner _____

Contractor _____ Phone _____

Architect _____ Phone _____

Dates of Anticipated Work: Start Spring 2021 Completion Spring 2021

Description of Proposed Work: (attach additional pages as necessary) Please include a description of how the proposed work (if a change or addition) is historically and architecturally compatible with the building and the District as a whole.

request to reconstruction two foot cement wall that that is failing and replace chain link fence with wrought iron fence.

We are applying to replace the disintegrating cement wall on the property line with a stone gravity retaining wall ~2-3.8 ft. high

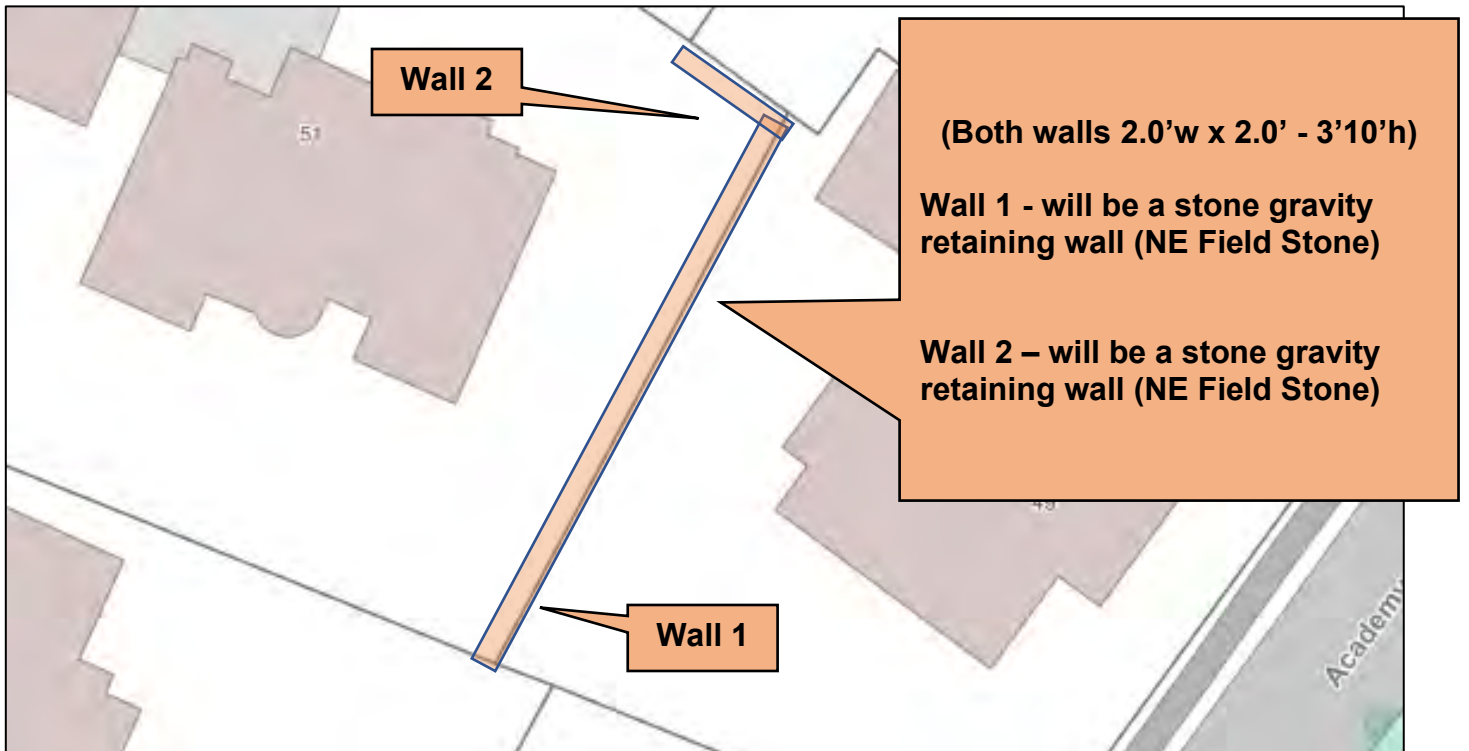
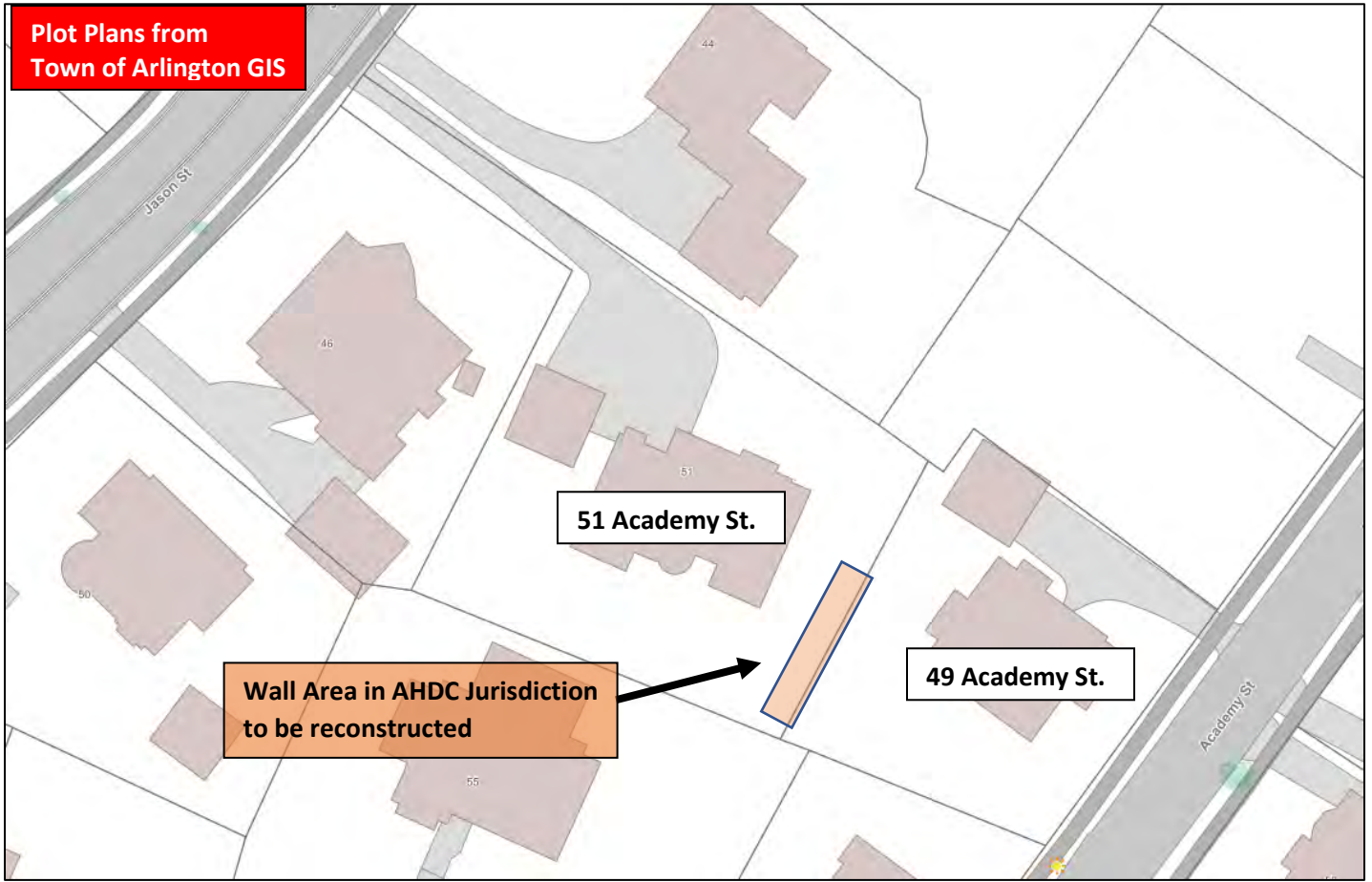
Required Documentation Acknowledgement: (see attached instructions)

I acknowledge that I am required to provide supporting documentation, including the attached "Supporting Documents Checklist", by the deadlines indicated in the instructions. I understand that if such documents are not provided in a timely manner, this application will be considered to be incomplete and Commission action may be delayed.

I have read the attached instructions and, to the best of my knowledge, the information contained in this application is accurate and complete. I also give permission for members of the AHDC to access the property for the purpose of reviewing this application and work done under any certificate issued to me.

Owners Signature(s): David & Hilary Baldwin and Rem Le Date: 24 Feb 2020

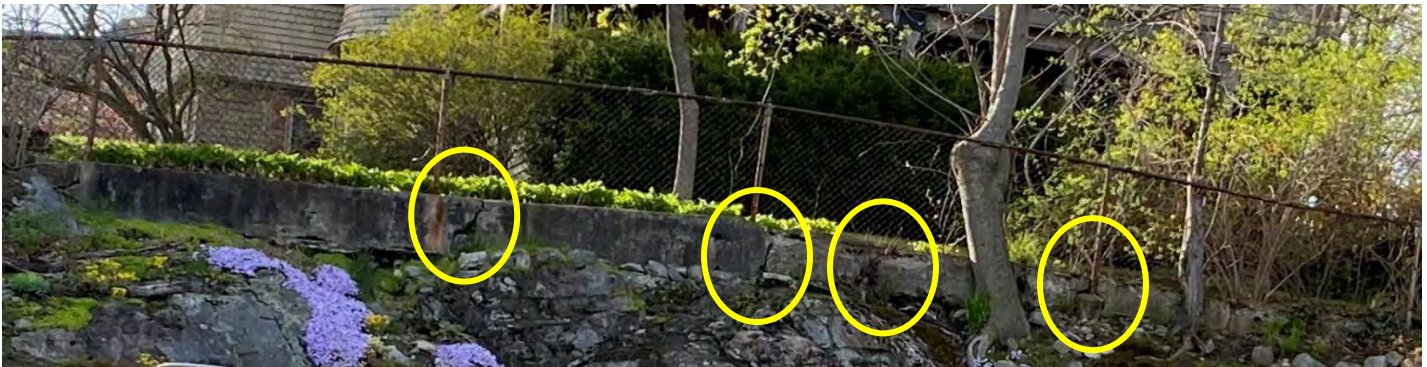
Plot Plans of Properties



Narrative



View from Academy Street



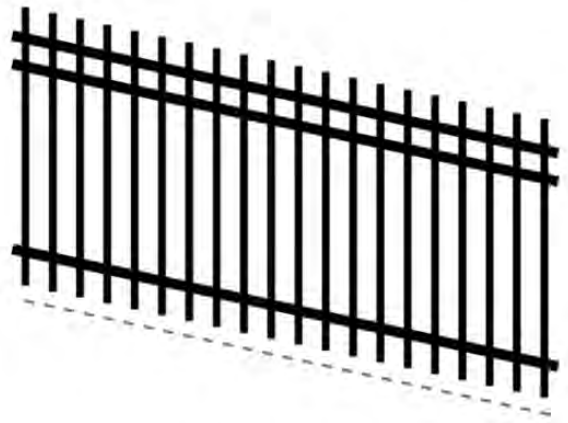
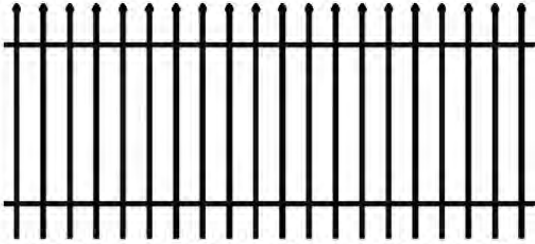
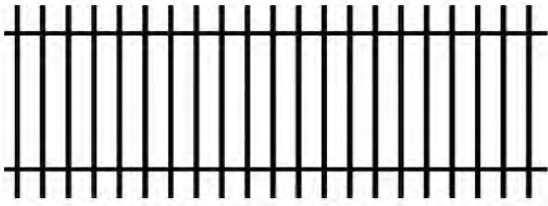
Existing Condition (Failure point in circles)

The ninety-year-old cement wall and chain link fence separating the two properties is currently failing in multiple locations. The proposal is to remove existing wall and chain-link fence and replace with stone gravity wall that will be 2.0 ft. wide and 2.0'- 3'10" high (depending on existing grade.)

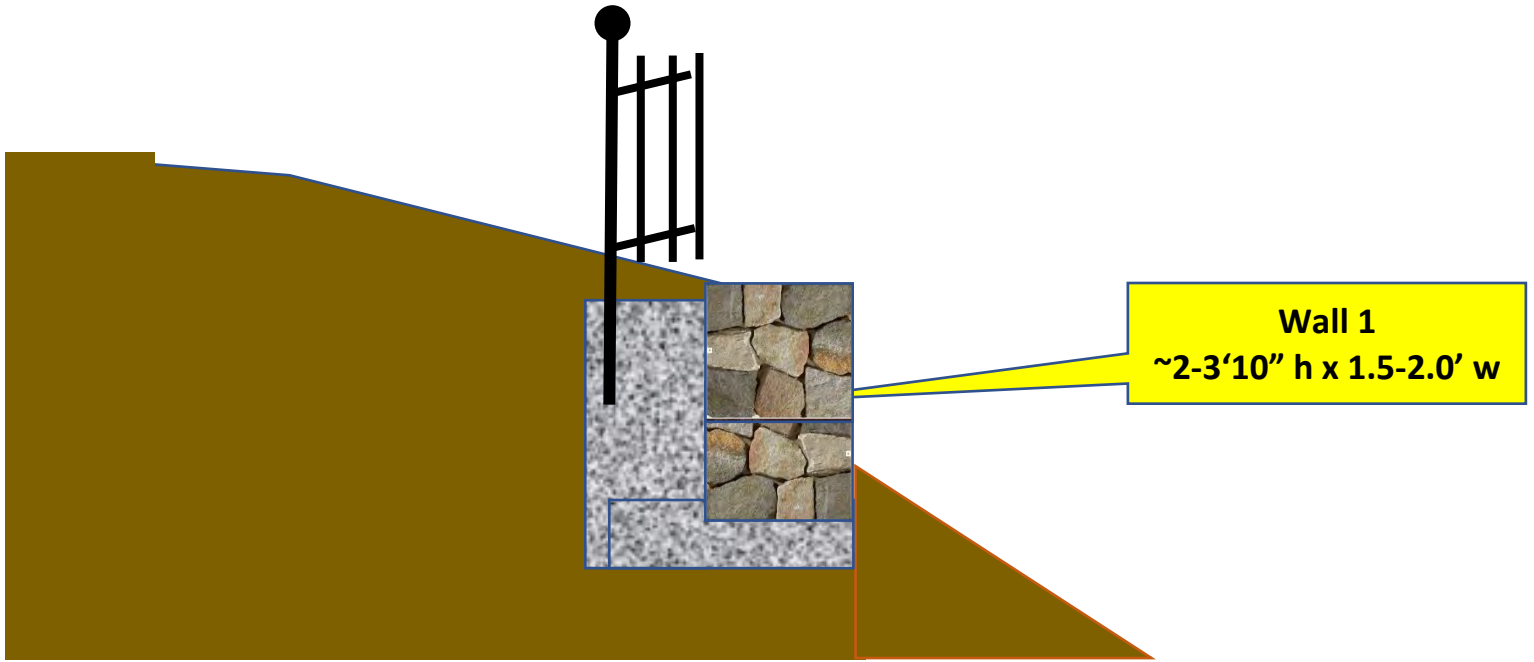
The wall will be a NE Field stone gravity retaining wall.

A 3-4 ft. wrought iron fence will be installed behind the wall.

Iron Fencing ideas



Cross-section



Wall Construction Specifications Wall 1 (~88 ft.) and Wall 2 (~25 ft.)

Contractor: Tony Landscaping

- **Remove all trees at property lines**
- **Build floating walk at current wall area for accessibility**
- **Remove old chain link fence**
- **Jack hammer and remove old concrete wall**
- **String straight line at property lines**
- **Dig out new wall base ~12 inches deep x 18 inches wide**
- **Install “weeper” pipes in base at low spot for water drainage**
- **Fill new base with crushed stone, compacting it ~ every 3 inches**
- **Install 12 inches $\frac{3}{4}$ ” crushed stone behind wall**
- **First course of stones will be below grade (6-8 inches)**
- **When ledge interferes with wall base, drill and install rebar (lay first course of stone in cement slurry on ledge)**
- **Gravity wall will be made of New England Fieldstone or similar. Cement will not be visible**

Wall and Fence informaation

1 message

David W Baldwin <dbaldwin@mitre.org>

Wed, Mar 17, 2021 at 2:38 PM

To: Marshall Audin <mkaudin45@gmail.com>

Cc: Marshall Audin <audisy4945@gmail.com>, Carol Greeley <carol.greeley@gmail.com>

Marshall,

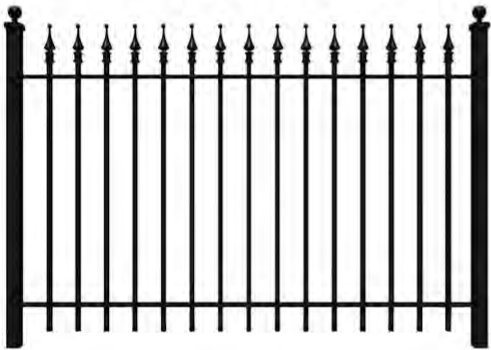
Thanks for reviewing application.

Fence- It is from the Iron Fence Shop (<https://www.ironfenceshop.com>). It will be 3 ft high

Wrought Iron Fence

Our Stronghold Iron® fencing is the obvious choice when you want that old world look with modern performance. Authentic sand cast iron finials adorn the top of each picket and are included as standard on every fence we sell. Each finial, picket / rail intersection and gate frame is fully welded for unsurpassed strength & security. We hot-dip galvanize every component for superior rust protection, then it's put through a multistage pretreatment wash and finally coated with a TGIC fade-resistant polyester powder coat finish. This thorough process allows us to issue a 25 Year Warranty; one of the longest in the industry.

Classic



Our Classic iron fence is our best seller due to it's timeless look that goes with many different architectural designs. The Quad Flair Finial is sand cast rather than die cast resulting in a slightly rougher, more organic look and feel. As a proper fence should, each finial is welded to each picket NOT glued or screwed like the competition. Our most versatile fence; it will age like a fine wine and never go out of style.

AVAILABLE GRADES: ?

Traditional | Signature





AVAILABLE HEIGHTS: ?

3' | 4' | 5' | 6'

MATCHING GATE WIDTHS: ?

4' | 5' | 6' | 8' | 10' | 12'

CUSTOMER PHOTOS:

[View More](#)

ADDITIONAL INFORMATION:

- [Installation](#)
- [Specs & Warranty](#)
- [Testimonials](#)
- [CAD Drawings](#)
- [Video Library](#)
- [Add-on Decorations](#)

GET A QUOTE

VIEW PRICES

The stone for the gravity stone wall will be "New England Fieldstone" similar to what our other wall is made of. I anticipate that some of the stones (12-18 inches will be larger than the stones in our existing wall (8-12 inches)



Let me know if you need further information.

Thanks,

David

David W. Baldwin

49 Academy Street

Arlington, Massachusetts

02476

781-643-4833

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Existing Lower Wall

Very few "filler stones"
Wall height ~1' 6"
Most stones 6-12"





New Upper Wall

Stone – New England Field Stone
Stone size ~8-15 "

Wall height will be ~2'-3'10" depending on ledge
Wall width will be 15-24"

Examples of Tony Landscaping Masonry Stone Walls with quick assessment of photos provided

More considered stone selection for top course of stone - flat and wide no filler size



More considered stone selection for less need of "filler stones"

