

## Fwd: FW: Town Hall Fairhaven, East Areaway Wall

2 messages

**Kevin Fournier** <kfournier@fairhaven-ma.gov>  
To: Stephanie Fidalgo <recordingsecretary@fairhaven-ma.gov>

Tue, Nov 7, 2023 at 8:58 AM

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From: **Lynne Spencer** <lynne@spencerpreservationgroup.com>  
Date: Tue, Nov 7, 2023 at 8:18 AM  
Subject: FW: Town Hall Fairhaven, East Areaway Wall  
To: Kevin Fournier <kfournier@fairhaven-ma.gov>  
Cc: Douglas Manley <doug@spencerpreservationgroup.com>

Good morning,

Kevin, nice to see you yesterday. Here is a start on the description of the scope for the retaining wall CPA application. Unfortunately I have some problems downloading photos other than the two included. Hoping you can provide more to illustrate the project.

Best,

Lynne

PS: Daisy enjoyed the visit!

East Areaway Retaining Wall:

Constructed of large slit-face ashlar granite blocks laid in mortar, significant soil pressure has caused bulging of the stonework along the length of the wall, with serious displacement illustrated by the mortar joints pushed out several inches. This condition is potentially dangerous if allowed to continue, with collapsed stonework the inevitable outcome.

The goals of this project are to address the bulging sections of stonework by rebuilding the significantly bulged sections and to install a subsurface drainage system to prevent future deterioration. This will require analysis and design work by structural and civil engineering under the direction of a preservation architect. The project will involve –

- Removal of the wrought iron fence and sidewalk for construction;

- Excavation behind the wall, shoring the abutting earth;

- Removal of the split face ashlar stonework, documenting each stone for reinstallation;

Provide setting bed of crushed stone;

Rebuild the stonework, set in mortar;

Note: this may involve setting in stainless threaded rods depending on the depth of the stones;

Provide drainage behind the stonework with PVC piping laid in crushed stone encased in geotechnical filter fabric;

PVC piping to drain to the existing areaway floor drains;

Backfill, replace sidewalk; loam and grass;

Repair, reinstall and paint the wrought iron fence atop the wall.

Budget:

Demolition and earthwork	\$25,000
Masonry	\$80,000
Drainage	\$40,000
Wrought iron fence	\$20,000
Sidewalk	\$10,000
General conditions	<u>\$25,000</u>
Construction Total	\$200,000
Contingency	\$ 20,000
Architecture/Engineering	<u>\$ 30,000</u>
Combined Total	\$250,000

**Lynne Spencer**

*Principal, Preservation*

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