

City of Austin
Fire Station No. 3

WEST

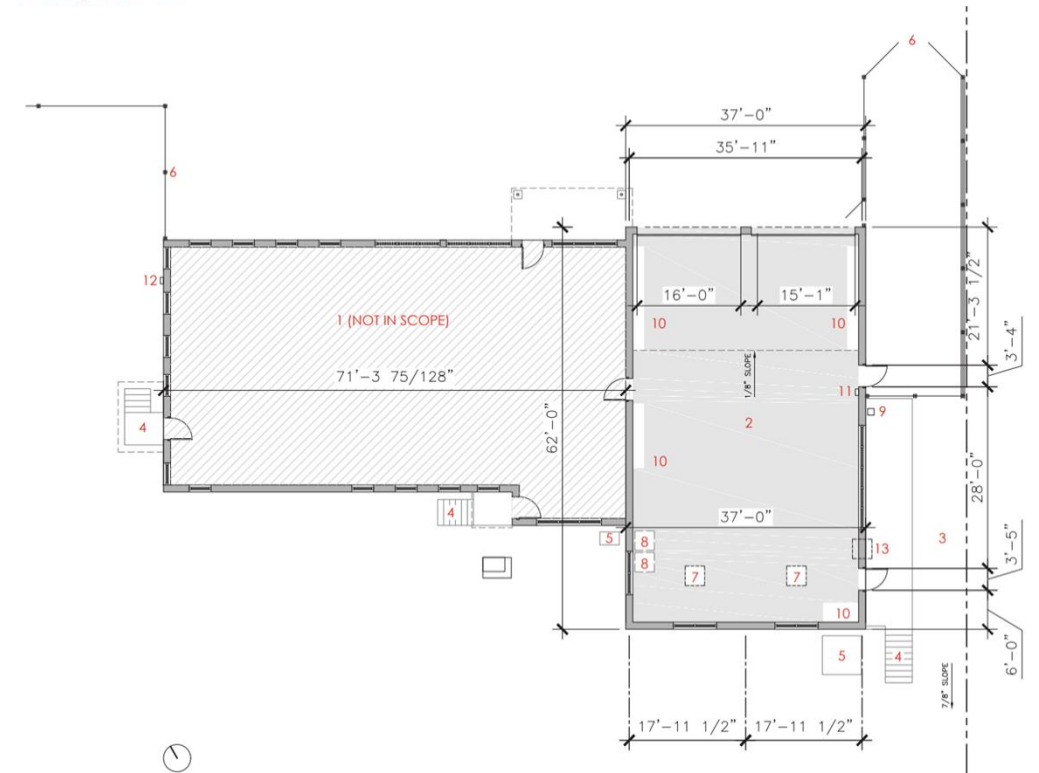


Context

Location: 201 West 30th St

Currently, all fire trucks are being parked outside the apparatus bay.

Recent changes to the floodplain maps cause a significant portion of the building to be in the floodplain.



Introduction



Overview

Construction completed on February 21, 1957

Architect:
Roy Thomas

Does not have any
Landmark designations
at present

Adjacent to the
Aldridge Place Historic
District



Building History

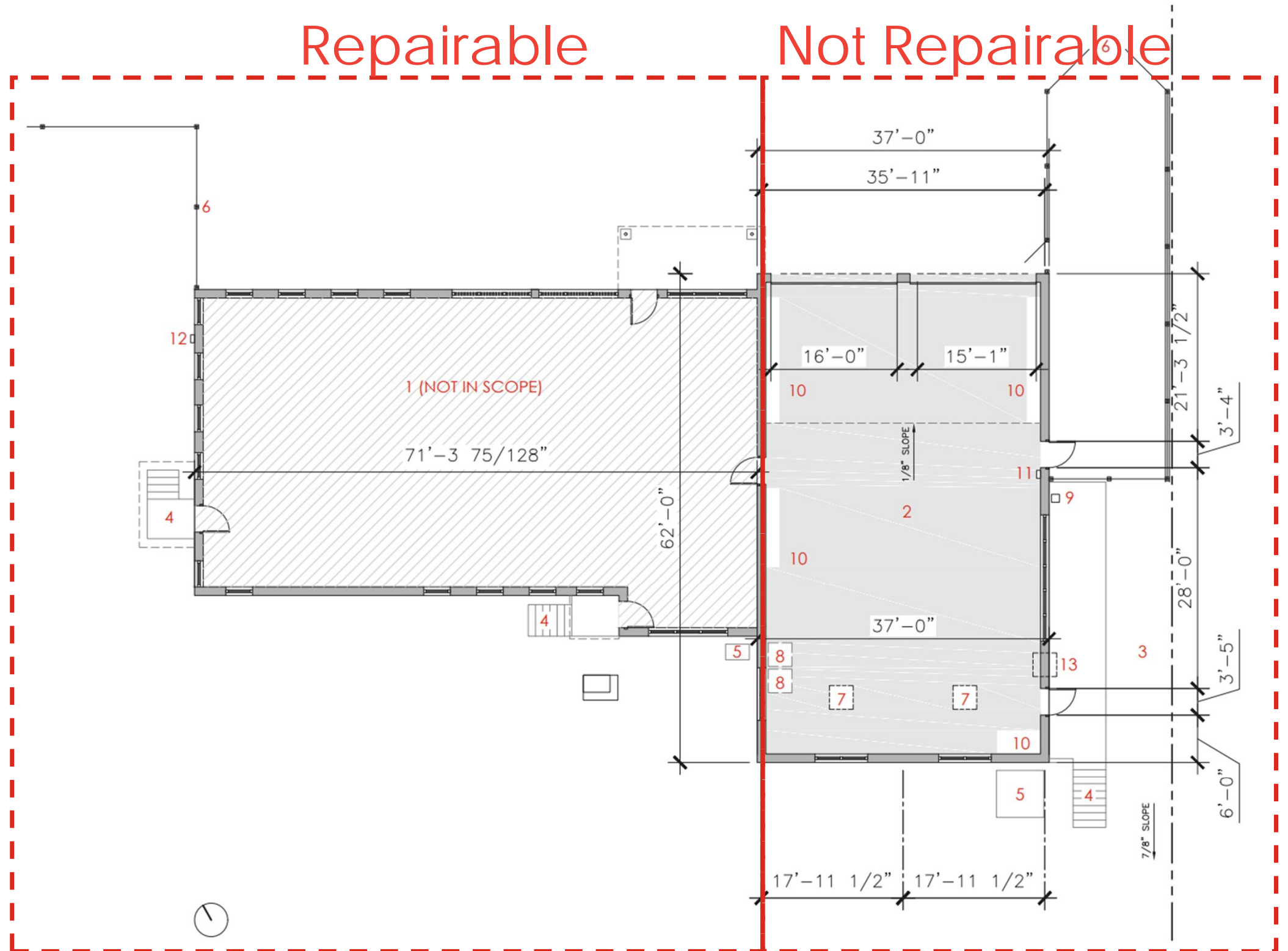


Overview

The building has suffered two types of structural damage:

- 1) General wear and tear based on age. (entire structure)
- 2) Overstressing of the foundation due to parking trucks that are heavier than the original design load. (apparatus bay only)

Structural Damage

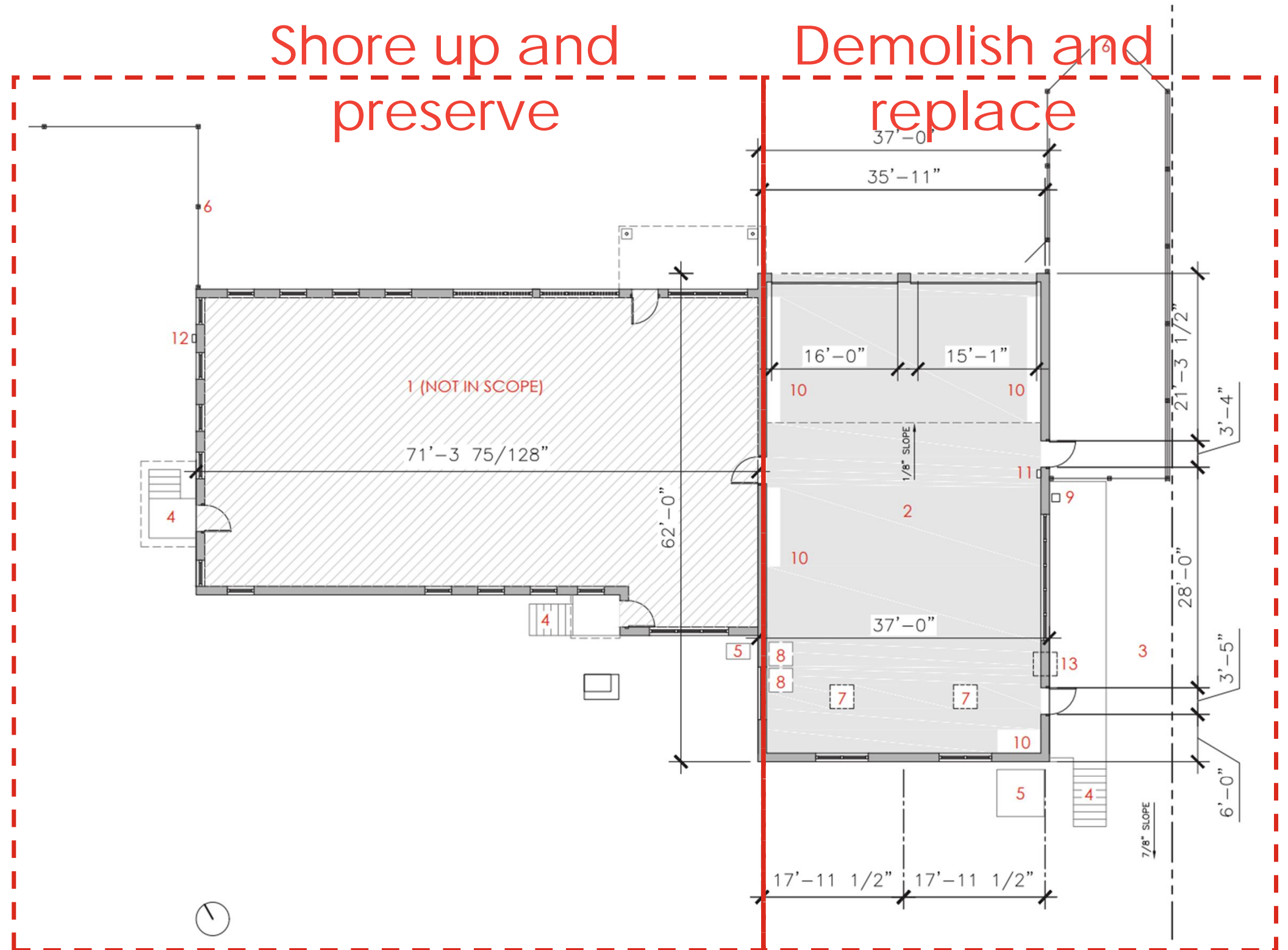


Overview

For the areas that have just suffered age-related wear and tear, the intent is to shore up that portion of the structure and preserve it.

For the apparatus bay, the intent is to demolish the portion of the building that is beyond repair and replace it with a new structure that is sensitive but of its time.

Project Intent



Structural

The City of Austin has conducted three studies of the building.

Two structural studies and one geotechnical report.

The second structural study specifically addressed potential remediation of the existing structure.

All reports have been independently reviewed by the current structural engineer, who concurs with the studies' methodologies and conclusions.

It is our understanding that the aerial ladder truck was in use at Fire Station No. 3 (prior to our findings), so risk of catastrophic failure (i.e. collapse) is likely minimal. It is plausible that the truck alignment when entering the bay of the garage generally forces the alignment of the truck tires directly over the supporting beams. This likely lessens the loading on the slab. However, **misalignment of the truck could cause a failure of the slab.** As a safety precaution, this vehicle should no longer be parked in this fire station.

Studies



INTENSIVE-LEVEL FORM



IDENTIFICATION			
Address	201 W 30 ST 78705	Legal Description	ALL OF BLK 4, ALLEY * & ADJ W25FT OF STREET OLT 73 DIV D FRUTH ADDN
Property Category	Primary resource	Acreage	2.8635999999999999
CLASSIFICATION			
Resource Type	Building	No. of Stories	1
Property Type	Fire station	Exterior Material(s)	Brick
Form/Plan	Box	Exterior Features	
Stylistic Influence(s)	Mid-century Modern	Classification Notes	
ROOF AND CHIMNEYS			
Roof Form/Type	Flat	No. of Chimneys	
Roof Materials	Not visible	Chimney Features	
DOORS AND WINDOWS			
Door type(s)	Single door(s) primary entrance, Garage doors	Window type(s)	Fixed, Single-hung
Door Material(s)	Wood	Window Material(s)	Metal
Door Features		Window Features	Sills
PORCH			
Porch type(s)	Full width, Flat roof	Porch Features	Plain wood posts
COMMERCIAL AND INSTITUTIONAL FEATURES			
Signage location		Canopy features	
Parapet		Ground level bays	
LANDSCAPE AND GROUNDS			
Ancillary Buildings		Landscape Features	

HMM ID No. 111516		201 W 30 ST		Page 2	
HISTORY					
Current Name	Fire Station No. 3	Historic Name		Historic Use	Governmental
Current Use	Governmental	Historic Use	Governmental	Architect	Roy L. Thomas
Year Built	1956	Architect	Roy L. Thomas	Builder	
Source Year Built	Austin American-Statesman, 20 Jul 1956, p. 20	Builder			
Associated People					
History Notes					
Other historical sources					
Occupant History	1954/55: Not listed; 1959/60: Fire Dept Station No 3; 1965-70: Follow up - Pending AHC Reopening				
INTEGRITY					
Alterations		Relocation		Notes	
Additions		Notes			
PRIOR DOCUMENTATION					
Designations					
Prior Survey Data					
LOCAL RECOMMENDATIONS			NATIONAL REGISTER (NRHP) RECOMMENDATIONS		
Recommendation	Local landmark	Recommendation	Individually eligible		
Justification	Possesses integrity and significance	Justification	Possesses integrity and significance		
District Name	N/A	District Name	N/A		
Status (N/C)	N/A	Status (N/C)	N/A		
Criteria	Architecture, Historical Associations (Section 5.1.5.5. Postwar Infrastructure Expansion)	Criteria	A, C		
		Area of Significance	Community Planning and Development, Architecture		
		Level of Significance	Local		
OTHER RECOMMENDATIONS					
Tourism Tag					

Historic

An historic survey of the area was conducted.

This building was identified in the survey.

Recommendations for landmark were included.

Reasoning: Possesses integrity and significance in Postwar Infrastructure Expansion.

Survey



Objectives

- 1) Save the historic fabric that can be saved and put it in good structural standing for the future.
- 2) Preserve the original historic use/function of the building.
- 3) Provide the Fire Department and EMS with the modern facility they need to operate effectively and efficiently for decades to come thus providing vital life-safety services to the area.
- 4) Get the fire trucks parked indoors for protection of the equipment, speed of response times, and aesthetic improvement of the neighborhood.
- 5) Create an addition that is respectful of the original, but not a false recreation of mindless mimicry.

Project Goals



What we asking for from the neighborhood

- 1) Input to help the design team fully understand the concerns of all stakeholders.
- 2) The ability to say to the Landmark Commission that we have engaged in dialogue with the neighborhood.
- 3) If there is support for the project, to have the neighborhood and/or historic district communicate that support to the Landmark Commission in an official manner.
- 4) If there is not support for the project, to learn what barriers exist to gaining that support.
- 5) To engage in a good-faith effort of mutual dialogue such that stakeholders are not surprised by the project and genuinely feel a part of the process.

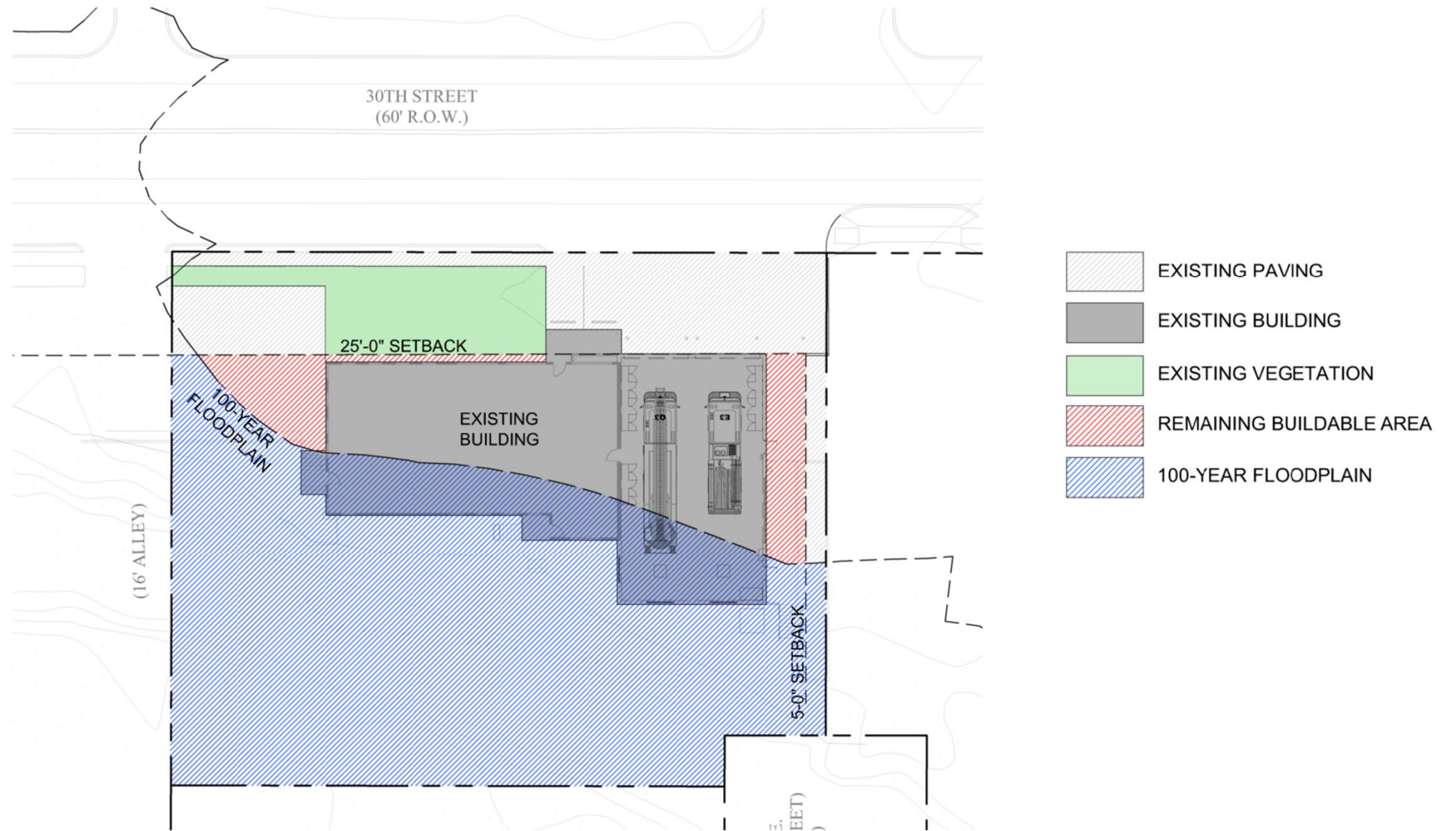


Proposal

With the designation of the new 100-year floodplain, the remaining buildable area is extremely limited.
(Shown in red)

This means the only available land for a new apparatus bay is the land where the existing damaged one stands.

Expansion is limited to the red area to the right of the current bay.



Site Plan Existing

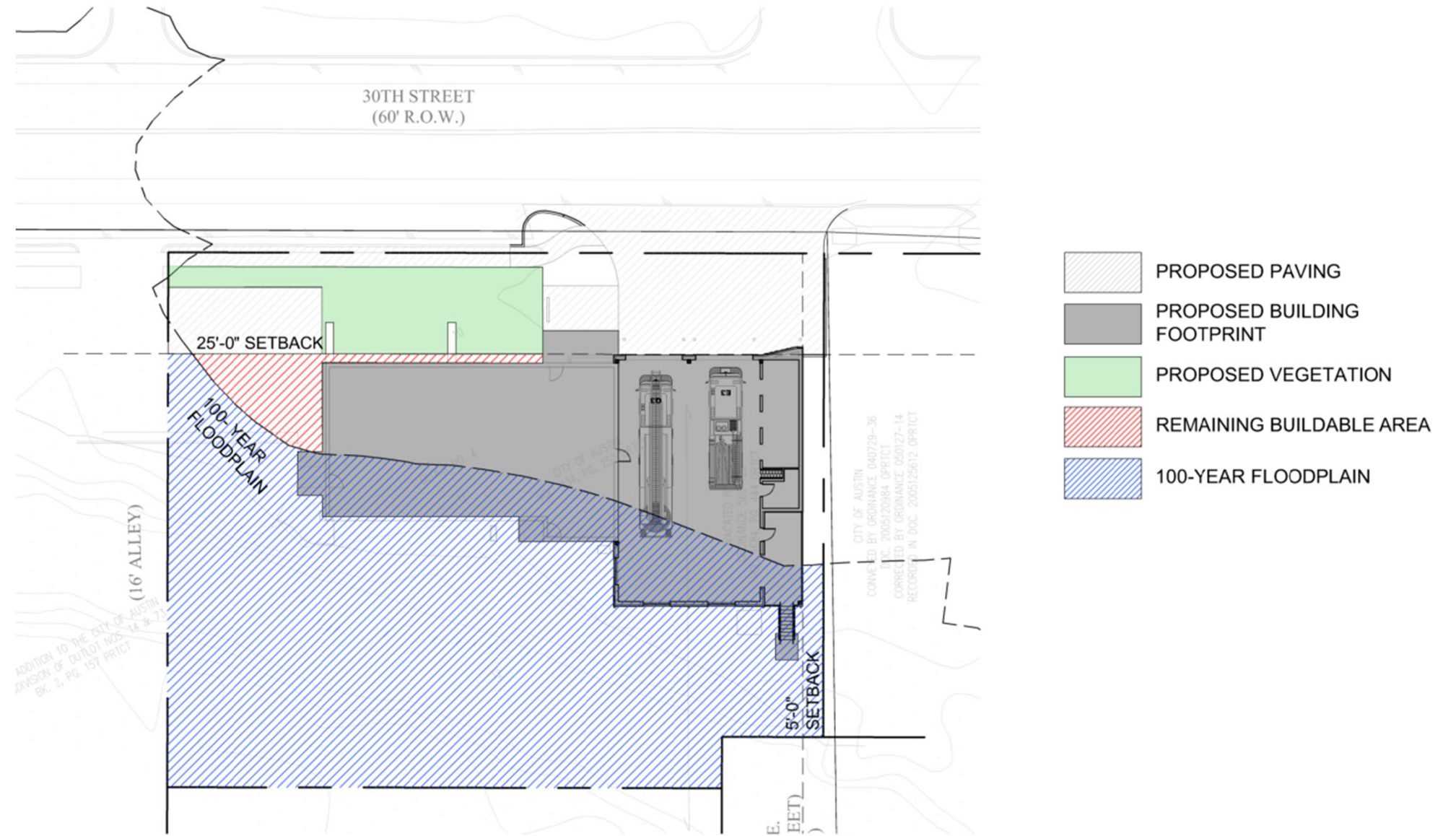


Proposal

Apparatus bay is expanded into the building area to the right of the plan.

Parking in front is reconfigured to meet ADA.

Site lighting is added for safety, convenience, and function.



Site Plan Proposed



Proposal

Importance of roof line

Use of brick, but in an obviously different blend to distinguish old from new

Reuse of original signage

Compatible massing

Use of period-appropriate detailing

Addition of "UT Burnt Orange" elements to tie into area pride



Design Highlights



Proposal

Faster operating bay doors to improve response times.

Addition of spaces to provide for operational requirements.

Significantly stronger structure accommodating the weight of both current and future vehicles.

Slightly higher apparatus bay allowing for the height of new vehicles and the maintenance clearances they require.

Improved site lighting and ADA compliance.

Functional Improvements



Questions and Discussion



WESTEAST

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