

**Fire Building Feasibility Study Committee**  
**Tuesday, June 26, 2025, at 9:00 am**  
**Station 2**  
**28 Blackstone Street, Bellingham, MA 02019**

Meeting called to order at 9:00 am

**Members Present:**

Fire Chief William Miller  
Deputy Robert Provost III  
Capital Improvements Chairman Roland Lavallee  
Capital Improvements Member Joseph Collamati

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**Tecton Architects**

Providence, RI

Members present:

Jeff McElravy, Principal Director of Public Safety Design  
Matthew Salad, Associate and Project Manager

Tecton Architects provided information regarding the Current Fleet & NFPA Staffing Standards, Space Needs Summary & Staffing Analysis, as well as options for additional Site Test Fits. A copy of all information discussed and reviewed is included with this set of minutes.

South Station is a concern due to the lack of space for apparatus and crewmembers. This Station has 3 crew members on duty daily for their 24-hour shifts and are available for calls that come in for the South end of Town. Currently, this Station can only hold 3 vehicles, which currently includes Engine 3, Ambulance 1, and Squad 1 truck.

Headquarters has to hold a majority of the current fleet, which includes Engine 2, Engine 4, Ladder 1, Ambulance 2, Brush 2, Car 5, a UTV, and a boat w/trailer.

There was discussion of creating a 2<sup>nd</sup> story to a section of Headquarters. The current building is limited on space and has to use some sections of the apparatus bays and offices for storage. Mr. McElravy provided information on some areas of the current building that could have possible changes and additions.

North Station only has 1 apparatus bay and doesn't have the space available for crew members to conduct their shift, as well as not having the space for the apparatus needed there. Having the ability to use this area to address situations that happen at the North end of Town would be greatly beneficial.

Various Space Needs Summaries provided information regarding potential options for being able to have medical transports and apparatus from all 3 Stations. However, due to the current limitations associated with North Station, keeping apparatus there is not an option, due to the size of the building and restrictions of the land. There is also a project being proposed for road realignment on Maple Street, which would make the road entrance wider, but won't have effect of the actual parking or access to the Station for any of the apparatus.

Members discussed other options for North Station, such as the purchase of neighboring lots that would possibly provide more space for accessing the current location. Tecton let members know they will also do a Test Fit to see if there would be an option to relocate North Station to Pearl Street.

At May Town Meeting, the Purchase of Land at 28 Wrentham Street was approved and will currently help for South Station parking and possibly have future options for Station #1. Additionally, owning 28 Wrentham Street could help in the future with traffic and the island that is located at the Wrentham Road intersection. South Station could also have future potential to maintain the current Station, and update bays, as well as additional needed upgrades.

Some previous Test Fit options were discussed, and an additional one will be conducted. Information for the Test Fits that were already conducted are included with this set of minutes for review.

Proposed OSHA changes related to facility preparedness for all 3 Stations was presented for review. Some of the changes needed are to provide facilities for decontamination, disinfection, cleaning, and storage of PPE. Fire poles and their vertical openings must comply with safety protections. However, considerations are being made to prohibit installation of new fire poles. All sleeping areas would require sprinkler systems, hard-wired smoke detectors, and carbon monoxide detectors. Vehicle exhaust exposure prevention measures are also required and do have options of including vehicle exhaust extraction systems within all spaces containing vehicles.

For the next meeting, Tecton will provide Test Fit information for the possible option of relocating Station #3 to Pearl Street. At that point, members will be able to move forward with potential options for that Station.

Tecton will also provide conceptual drawings of Station #2 for review at the next meeting.

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Tecton Representatives remained available to provide information to any Committee members that had additional questions regarding specific study details.

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J. Collamati made a motion to approve the minutes from the April 22, 2025, meeting. R. Lavallo seconded. Approved 2/0.

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The next meeting will take place at 9:00 am, on Thursday, July 24, 2025.

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Meeting Adjourned at 10:38 am.

Respectfully Submitted,

*Tina M. Griffin*

Tina M. Griffin  
Fire Department Administrator



# BELLINGHAM FIRE

Fire Department Facilities Assessment Study

**Building Committee Meeting**

*June 26, 2025*

## 1 Current Fleet & NFPA Staffing Standards

## 2 Space Needs Summary & Staffing Analysis

- Option 1 – Focus Medics at Headquarters
- Option 2 – Focus Medics at North & South Locations
- Option 3 – Medic Transports at All Three Stations

## 3 Site Test Fits

- South Station – Wrentham Road
- South Station – Harpin Road
- North Station – Maple Street
- North Station – Hartford Avenue
- Headquarters – Blackstone Street

# Current Fleet



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## South Station



Engine 3



Ambulance 1



Squad 1

## Headquarters



Engine 2



Engine 4



Ladder 1



Ambulance 2



Brush 2



Car 5



UTV 1



Boat & Trailer

# Minimum Staffing Guidelines *Per NFPA 1710*



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**FIRE CALLS** – minimum initial deployment of 15 firefighters for low hazard calls



Engine/Ladder



Pump  
Operator



Officer



Firefighter



Aux.  
Firefighter

**MEDICAL CALLS** – minimum of 2 paramedics and 2 members trained for Basic Life Support (BLS) treatment



Ambulance



EMT Lead



EMT Assist.



Engine



BLS Medic



BLS Medic
















# Space Needs Summary

Option 1 – Focus Medics at HQ

# Space Needs Summary

Option 1 – Focus Medics at HQ | South Station

		Existing	Proposed Staffing FY28-30	Building Program (50 Years)
South Station	Staffed Vehicles		 	 
	Personnel			
	Bunking	(1) Officer Bunk (3) Responder Bunks	(1) Officer Bunk (3) Responder Bunks	(1) Officer Double Bunk (5) Responder Bunks
	Meets NFPA Staffing Standards? 		 	 

## Current Fleet



Engine 3



Ambulance 1



































Squad 1



# Space Needs Summary

Option 1 – Focus Medics at HQ | Headquarters











		Existing		Proposed Staffing FY28-30		Building Program (50 Years)			
Headquarters	Staffed Vehicles	<div></div>		<div></div> <div></div>		<div></div>	<div></div>	<div></div>	
	Personnel	<div></div> <div>CPT. FF-Medic (2)</div>		<div></div> <div>CPT. FF-Medic (2)</div> <div></div> <div>Medic Only (2)</div>		<div></div> <div>FF-Medic (4)</div>		<div></div> <div>FF-Medic (4)</div>	<div></div> <div>Medic Only (2)</div>
	Bunking	<div>(1) Officer Bunk</div> <div>(6) Responder Bunks</div>		<div>(1) Officer Bunk</div> <div>(6) Responder Bunks</div>		<div>(1) Officer Double Bunk</div> <div>(10) Responder Bunks (Capacity for Storm Coverage)</div>			
	Meets NFPA Staffing Standards? 	<div></div> <div></div>		<div></div> <div></div>		<div></div> <div></div> <div></div>			

## Current Fleet

-   
Engine 2
-   
Engine 4
-   
Ladder 1
-   
Ambulance 2
-   
Brush 2
-   
Car 5
-   
UTV 1
-   
Boat & Trailer

# Space Needs Summary

Option 1 – Focus Medics at HQ | North Station





























		Existing	Proposed Staffing FY28-30	Building Program (50 Years)	
North Station	Staffed Vehicles	<i>*North station is not currently staffed</i>	<div>  LT. FF-Medic (2)</div>	<div><div>  LT. FF-Medic (3)</div><div>  Medic Only (2)</div></div>	
	Personnel				
	Bunking		(1) Officer Bunk (3) Responder Bunks	(1) Officer Double Bunk (5) Responder Bunks	
	Meets NFPA Staffing Standards? 				

## Future Fleet

# Space Needs Summary *Option 1 – Focus Medics at HQ*



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		Existing	Proposed Staffing FY28-30	Building Program (50 Years)
South Station	Staffed Vehicles		 	 
	Personnel		 	 
Headquarters	Staffed Vehicles	 	 	  
	Personnel	 	 	  
North Station	Staffed Vehicles	<i>*North station is not currently staffed</i>		 
	Personnel			 



Firefighter-Medic



Medic Only



Cross-Staffed Vehicle



Fully Staffed Vehicle



















# Space Needs Summary

Option 2 – Focus Medics at North &  
South Stations

# Space Needs Summary

Option 2 – Focus Medics at North and South Stations  
| South Station

		Existing	Proposed Staffing FY28-30		Building Program (50 Years)	
South Station	Staffed Vehicles					
	Personnel	 LT. FF-Medic (2)	 LT. FF-Medic (2)	 Medic Only (2)	 LT. FF-Medic (3)	 Medic Only (2)
	Bunking	(1) Officer Bunk (3) Responder Bunks	(1) Officer Bunk (3) Responder Bunks		(1) Officer Double Bunk (5) Responder Bunks	
	Meets NFPA Staffing Standards? 					

## Current Fleet



Engine 3





























Ambulance 1



Squad 1

# Space Needs Summary

Option 2 – Focus Medics at North and South Stations  
| Headquarters

		Existing		Proposed Staffing FY28-30	Building Program (50 Years)			
Headquarters	Staffed Vehicles							
	Personnel	   CPT. FF-Medic (2)		  Medic Only (2)		   LT. FF-Medic (2)		
						    FF-Medic (4)		
						  FF-Medic (4)		
	Bunking	(1) Officer Bunk (6) Responder Bunks		(1) Officer Bunk (6) Responder Bunks		(1) Officer Double Bunk (10) Responder Bunks (Capacity for Storm Coverage)		
	Meets NFPA Staffing Standards? 	 				  		

## Current Fleet

  
Engine 2

  
Engine 4

  
Ladder 1

  
Ambulance 2

  
Brush 2





















  
Car 5

  
UTV 1

  
Boat & Trailer

Space Needs Summary





























Option 2 – Focus Medics at North and South Stations  
| North Station

		Existing	Proposed Staffing FY28-30		Building Program (50 Years)	
North Station	Staffed Vehicles	<div>*North station is not currently staffed</div>	<div><div>  LT. FF-Medic (2)</div><div>  Medic Only (2)</div></div>		<div><div>   LT. FF-Medic (3)</div><div>  Medic Only (2)</div></div>	
	Personnel					
	Bunking		<div>(1) Officer Bunk (3) Responder Bunks</div>		<div>(1) Officer Double Bunk (5) Responder Bunks</div>	
	Meets NFPA Staffing Standards? 		<div></div>		<div></div>	

Future Fleet

# Space Needs Summary

Option 2 – Focus Medics at North and South Stations

		Existing	Proposed Staffing FY28-30	Building Program (50 Years)
South Station	Staffed Vehicles		 	 
	Personnel		 	 
Headquarters	Staffed Vehicles	 		  
	Personnel	 		  
North Station	Staffed Vehicles		 	 
	Personnel	<i>*North station is not currently staffed</i>		 



Firefighter-Medic



Medic Only



Cross-Staffed Vehicle



Fully Staffed Vehicle
















# Space Needs Summary

Option 3 – Medics at All Three  
Stations

# Space Needs Summary

Option 3 – Medics at All 3 Stations | South Station

		Existing	Proposed Staffing FY28-30	Building Program (50 Years)
South Station	Staffed Vehicles		 	 
	Personnel			
	Bunking	(1) Officer Bunk (3) Responder Bunks	(1) Officer Bunk (3) Responder Bunks	(1) Officer Double Bunk (5) Responder Bunks
	Meets NFPA Staffing Standards? 		 	 

## Current Fleet



Engine 3

































Ambulance 1



Squad 1

# Space Needs Summary

Option 3 – Medics at All 3 Stations | Headquarters

		Existing		Proposed Staffing FY28-30		Building Program (50 Years)										
Headquarters	Staffed Vehicles	<div></div>		<div></div>		<div></div>										
	Personnel	<div> CPT. FF-Medic (2)</div>		<div> Medic Only (2)</div>		<div> CPT. FF-Medic (2)</div>		<div> Medic Only (2)</div>		<div> FF-Medic (4)</div>			<div> FF-Medic (4)</div>		<div> Medic Only (2)</div>	
	Bunking	(1) Officer Bunk (6) Responder Bunks		(1) Officer Bunk (6) Responder Bunks		(1) Officer Double Bunk (10) Responder Bunks (Capacity for Storm Coverage)										
	Meets NFPA Staffing Standards? 	<div></div>		<div></div>		<div></div>										

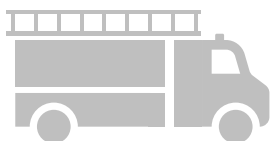
## Current Fleet



Engine 2



Engine 4



Ladder 1



Ambulance 2



Brush 2



Car 5























UTV 1



Boat & Trailer

# Space Needs Summary

Option 3 – Medics at All 3 Stations | North Station




























































		Existing	Proposed Staffing FY28-30		Building Program (50 Years)	
North Station	Staffed Vehicles	<i>*North station is not currently staffed</i>	<div></div>		<div></div>	
	Personnel		<div> LT. FF-Medic (2)</div> <div> Medic Only (2)</div>		<div> LT. FF-Medic (3)</div> <div> Medic Only (2)</div>	
	Bunking		(1) Officer Bunk (3) Responder Bunks		(1) Officer Double Bunk (5) Responder Bunks	
	Meets NFPA Staffing Standards? 		 		 	

## Future Fleet

# Space Needs Summary

Option 3 – Medics at All 3 Stations



		Existing	Proposed Staffing FY28-30		Building Program (50 Years)		
South Station	Staffed Vehicles	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	
	Personnel	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	
Headquarters	Staffed Vehicles	<div></div> <div></div>	<div></div>	<div></div>	<div></div>	<div></div> <div></div>	
	Personnel	<div></div> <div></div>	<div></div>	<div></div>	<div></div>	<div></div> <div></div>	
North Station	Staffed Vehicles	<i>*North station is not currently staffed</i>	<div></div>	<div></div>	<div></div>	<div></div>	
	Personnel		<div></div>	<div></div>	<div></div>	<div></div>	



Firefighter-Medic



Medic Only



Cross-Staffed Vehicle



Fully Staffed Vehicle



# Site Test Fits

South Station – Wrentham Road



# Site Test Fits

## South Station – Option 1



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# Site Test Fits

## South Station – Option 2



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# Site Test Fits

## South Station – Option 3



**Tecton**  
ARCHITECTS





# Site Test Fits

## South Station - Option 4



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# Site Test Fits

South Station - Harpin Street



# Site Test Fits

## South Station – Harpin Street Option



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# Site Test Fits

North Station – Maple Street



# Site Test Fits *North Station – Option 1*





# Site Test Fits

## North Station – Option 2



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ARCHITECTS





# Site Test Fits

## North Station – Option 3



**Tecton**  
ARCHITECTS





# Site Test Fits

## North Station – Option 4



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# Site Test Fits

## North Station – Option 5



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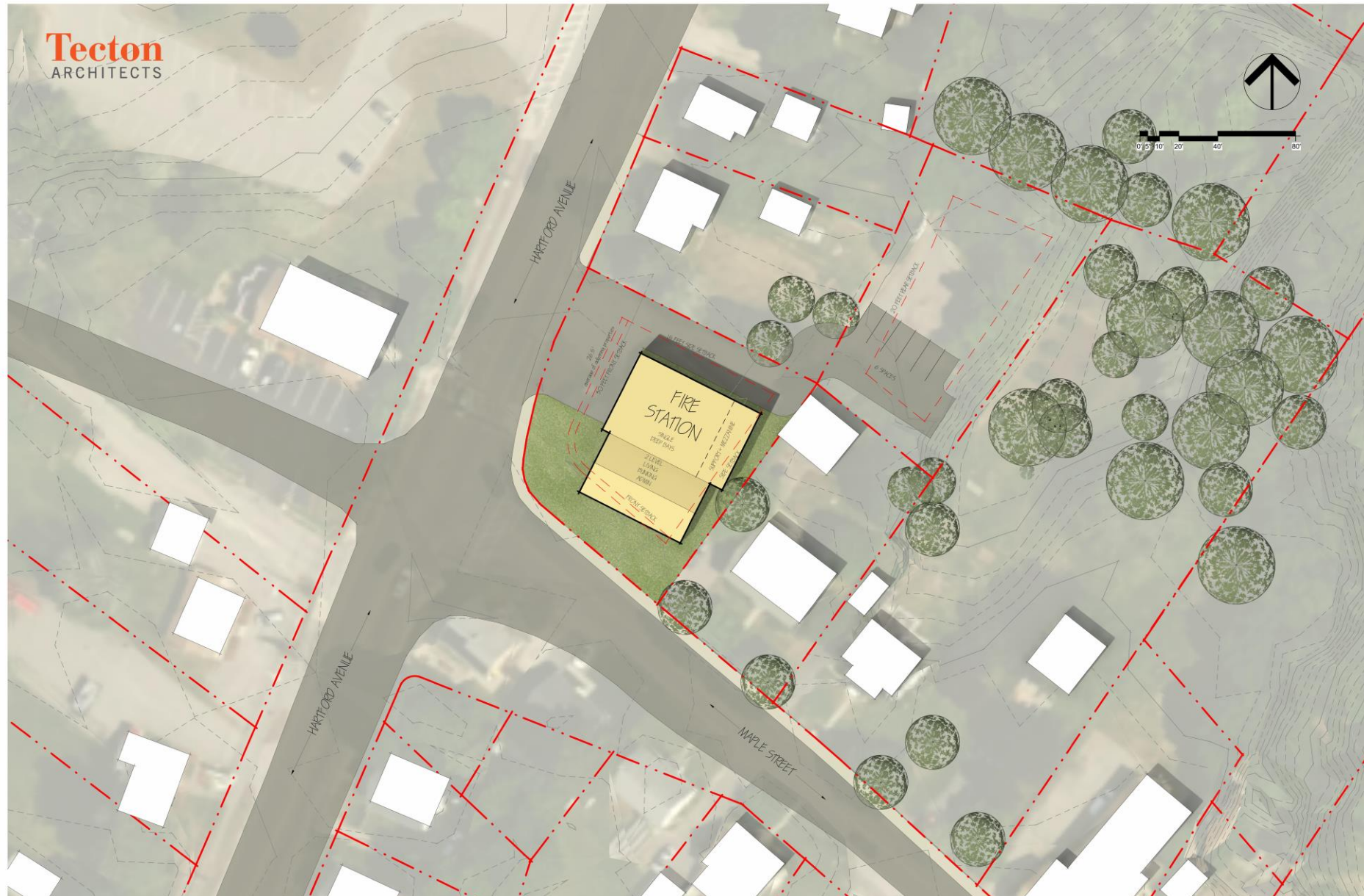


# Site Test Fits

## North Station – Option 6



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# Site Test Fits

North Station – Hartford Avenue

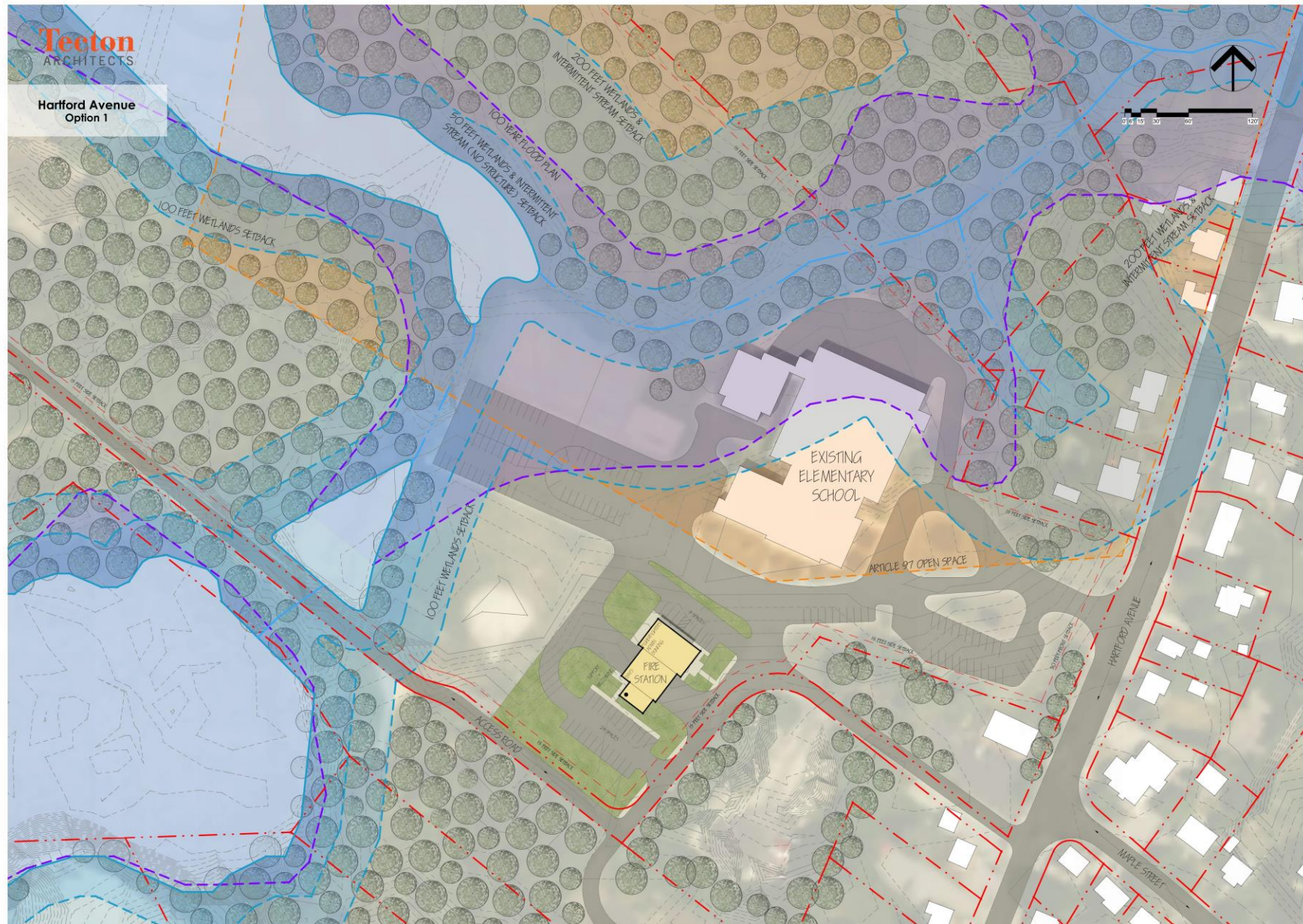


# Site Test Fits

## North Station – Hartford Avenue Option



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# Site Test Fits

Headquarters – Blackstone Street

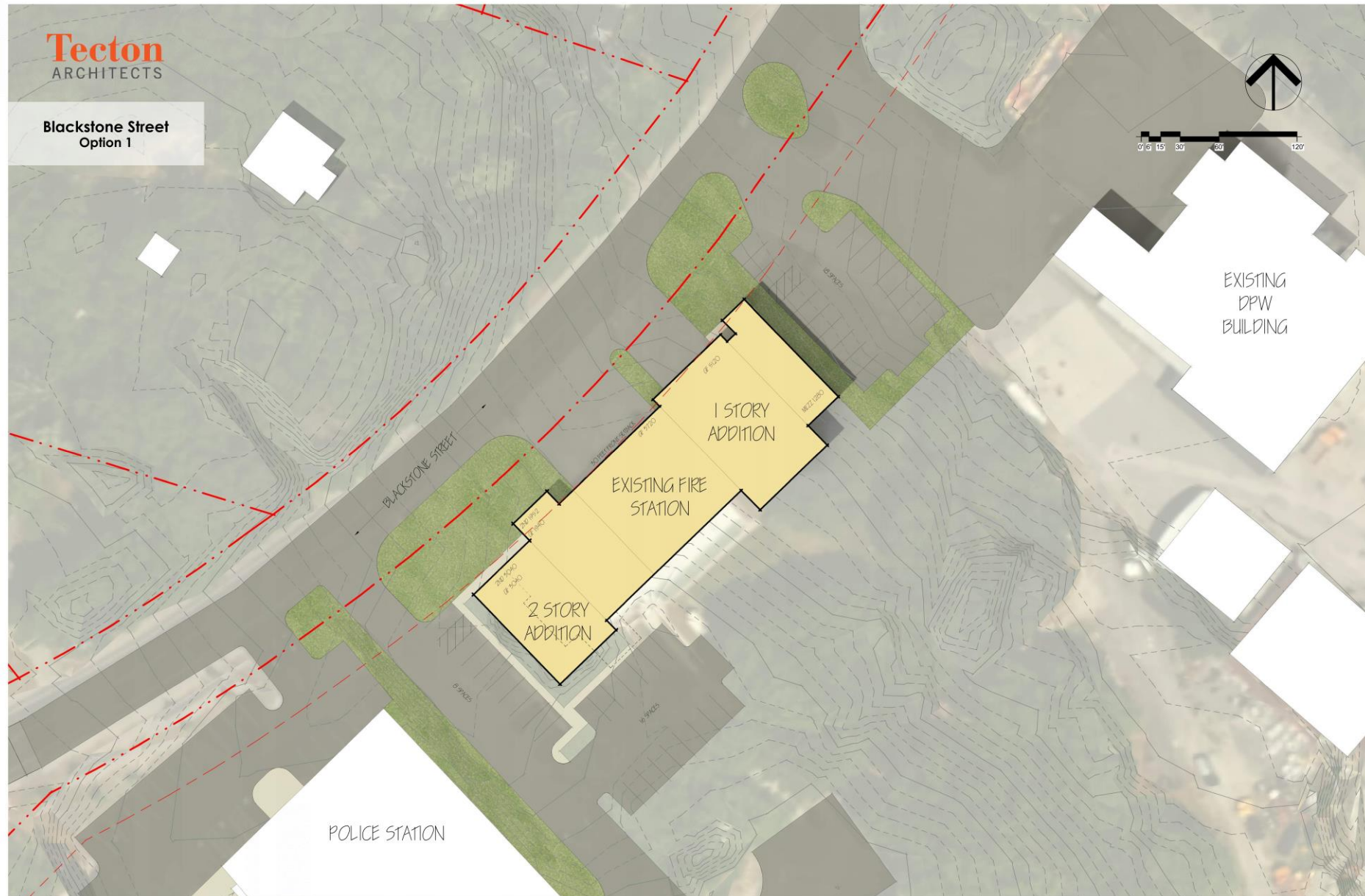


# Site Test Fits

## Headquarters – Option 1



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# Site Test Fits

## Headquarters – Option 2



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# Proposed OSHA Changes

Related to Facility Preparedness

# Proposed OSHA Changes – Facility Preparedness

- 1 Provide facilities for decontamination, disinfection, cleaning, and storage of PPE. No contaminated PPE is permitted within sleeping and living areas.

*Best Practice for modern Fire Stations is to include areas for decontamination and storage of clean PPE and gear outside the cold (clean) zone of the building.*

- 2 Fire poles and their vertical openings must comply with safety protections. Considerations are being made to prohibit installation of new fire poles.

*Modern fire poles are already required to have fall protection around the opening and a landing mat at the base. If fire poles are prohibited, OSHA is recommending the use of chutes and/or slides to allow for rapid vertical egress.*

- 3 All sleeping areas would require sprinkler systems, hard-wired smoke detectors, and carbon monoxide detectors.

*The International Building Code already requires these life-safety systems withing sleeping areas for New Construction and most levels of Renovation or Alteration.*

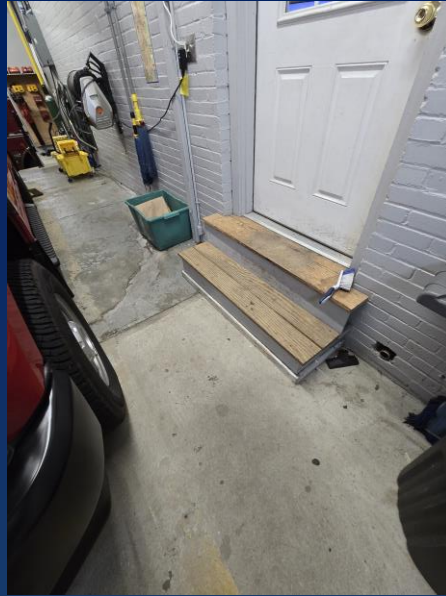
- 4 Vehicle exhaust exposure prevention measures are required.

*Best Practice for modern Fire Stations is to include a vehicle exhaust extraction system within all spaces containing vehicles.*

# Station 1 (South)



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- 1 Addition of Sprinklers throughout sleeping spaces
- 2 Addition of Decontamination space
- 3 Addition of Dedicated Turnout Gear and PPE Storage
- 4 Addition of Transition Zones between hot and cold zones



# Station 2 (HQ)



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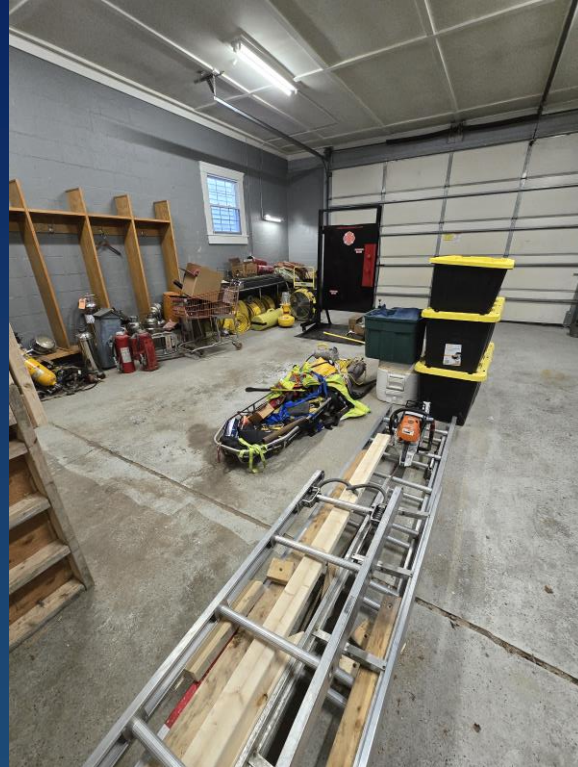
- 1 Addition of Sprinklers, CO detectors, and hard-wired smoke detectors within Bunk Rooms
- 2 Addition of Decontamination space
- 3 Addition of Dedicated Turnout Gear and PPE Storage
- 4 Addition of Transition Zones between hot and cold zones



# Station 3 (North)



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- 1 Addition of Decontamination Zones
- 2 Addition of Dedicated Turnout Gear and PPE Storage
- 3 Addition of Transition Zones between hot and cold zones
- 4 Addition of vehicle exhaust extraction system