

# The Proposed Milford Fire Station Addition & Renovation

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*Providing the  
best service to  
our community*

2018



# Presentation Overview

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1. Why is a New Station Needed?
2. What is Being Proposed?
3. Project Costs and Financing
4. Question & Answer

# PART ONE

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1. Why is a New Station Needed?
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# Our Station will Keep Existing Apparatus Bays, but

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# We Have Run Out of Functional Space in the Rest of the Building

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# Milford has Experienced Tremendous Population Growth

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 = 200 Milford residents


1970 

2017 

***Milford Population has MORE THAN DOUBLED since station was built in 1974.***

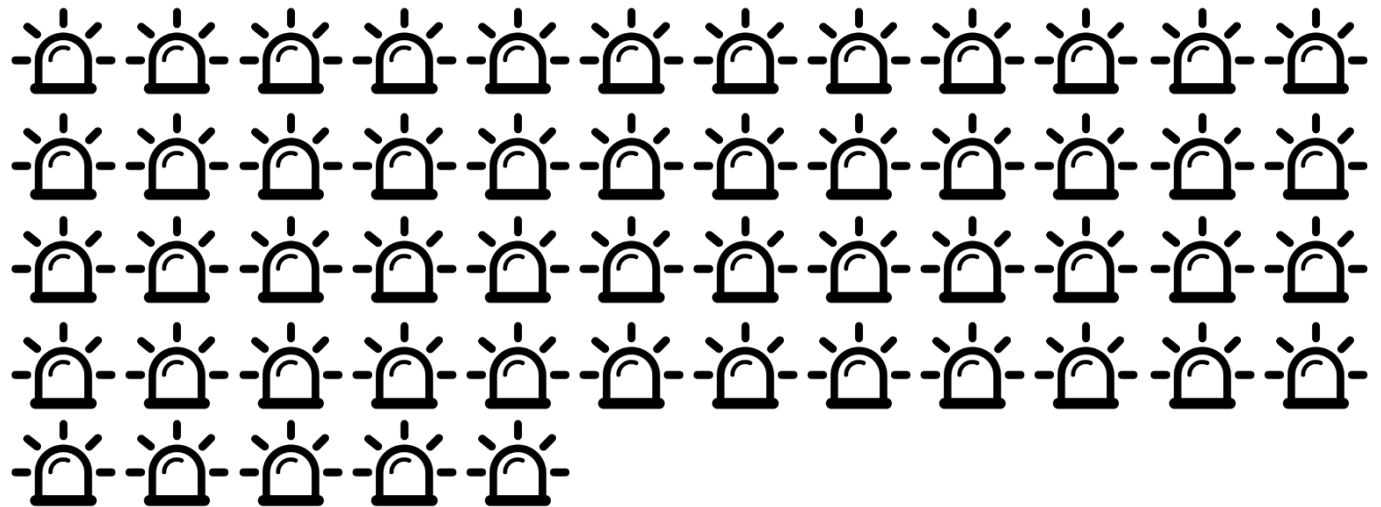
# Annual Fire Department Service Calls Have Increased Almost 1200%

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 = 20 Calls for Service

1974    

2017



*88 calls in 1974; 1,052 calls in 2017*

# Existing Station has Significant Issues

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- No Current Fire Sprinkler System (Over \$4M of Apparatus are Unprotected)
- No Decontamination Area or Showers on Site
- Equipment Stored Outside
- Utility Closet Only Accessed from Outside
- Meeting Room Can Not Easily Accommodate All Staff
- Captains Office Heated by Portable Heater
- No Fitness Area – Must Send Staff Off Site



# No Decontamination Area or Showers on Site



- Firefighters currently use wipes on hands, face and arms, along with rinsing gear off on the scene of the call
- Gear is washed in mechanical area
- Gear is then dried in portable dryer within apparatus bays
- Increased cancer risk



# Firefighters Face Increased Cancer Risk

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- Cancer has caused 61% of career firefighter line-of-duty deaths since 2002
- Firefighters have a 9 percent higher risk of being diagnosed with cancer than the general US population
- Firefighters have a 14 percent higher risk of dying from cancer than the general US population
- Risk factors more than double for testicular cancer and mesothelioma
- Risk factors more than 50% greater for multiple myeloma and non-Hodgkins lymphoma



*\*Information Retrieved from Firefighter Cancer Support Network  
([FirefighterCancerSupport.org](http://FirefighterCancerSupport.org))*

# Equipment is Often Stored Outside



- OEM Generator, Haz-Mat Trailer and Fire Alarm Bucket Truck are All Stored Outside Wastewater Department
- Trailers and Other Training Materials are Left Outside and Exposed to Elements



# Inefficient Heating Capabilities



- Shared Office is Heated by Portable Electric Space Heater
- Boiler for Office Area is 26 Years Old and Doors Must be Kept Open to Heat Areas During Cold Weather

# One Area for Meetings, Trainings, Kitchen, Lobby and More



- Meeting Room was Cut in Half to Accommodate Two New Offices and More Secure Public Entrance
- Area Serves as Training Space, Kitchen, Lobby, Gathering Space and EOC in Times of Emergency
- Training 48 Staff Members Here is Virtually Impossible

# No Fitness Area – Must Send Staff Off Site



- Stairmaster Located in Apparatus Bay is the Only Piece of Equipment at the Station
- No Space for Other Equipment
- Forces us to Send Staff Off Site for Fitness Training



# Existing Station has Space Issues

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# Existing Station has Space Issues



Maxed Out File Storage



Materials for Training Stored Outside



# Preparation for New Station 2018 Warrant Article

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October 2017	Selected Construction Manager – Eckman Construction
November, 2017	Schematic Design Completed
December 2017	Construction Cost Estimating
December 2017	Launched Informational Website: <a href="http://www.MilfordFireStation.com">www.MilfordFireStation.com</a>
December 2017	Reviewed Construction and Owner Budgeted Costs
January 2018	Finalized Proposed Project Budget
January 8, 2018	Budget and Bond Meeting
February 3, 2018	Deliberative Session
March 13, 2018	Public Town Vote

# PART TWO

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1. Why is a New Station Needed?
- 2. What is Being Proposed?**
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# Additions and Renovations at Existing Location

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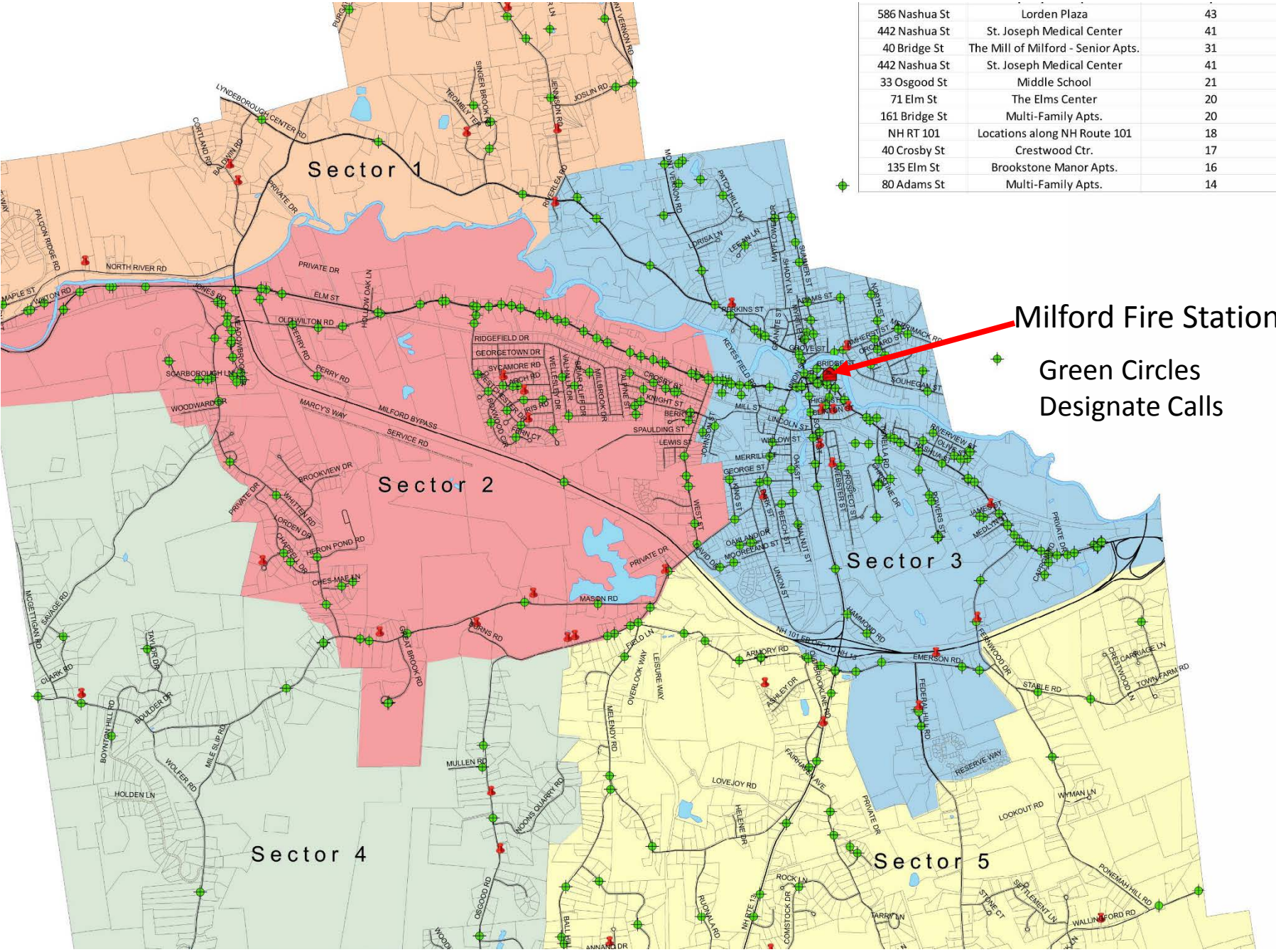
- Keep Existing Bays – Add Another Bay and Two-Story Addition
- Station will Remain Operational During Construction

# Additions and Renovations at Existing Location

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- Staying at Existing Location is Very Important
- Nearly 65% of Calls are Within 1 Mile of Fire Station
- Centralized Location Allows On-Call Personnel to Respond Quickly
- Response Map Shows This

586 Nashua St	Lorden Plaza	43
442 Nashua St	St. Joseph Medical Center	41
40 Bridge St	The Mill of Milford - Senior Apts.	31
442 Nashua St	St. Joseph Medical Center	41
33 Osgood St	Middle School	21
71 Elm St	The Elms Center	20
161 Bridge St	Multi-Family Apts.	20
NH RT 101	Locations along NH Route 101	18
40 Crosby St	Crestwood Ctr.	17
135 Elm St	Brookstone Manor Apts.	16
80 Adams St	Multi-Family Apts.	14



Milford Fire Station

Green Circles  
Designate Calls





Half Mile Radius from  
Fire Station Designated  
by Blue Circle

Milford Fire Station

Milford Oval



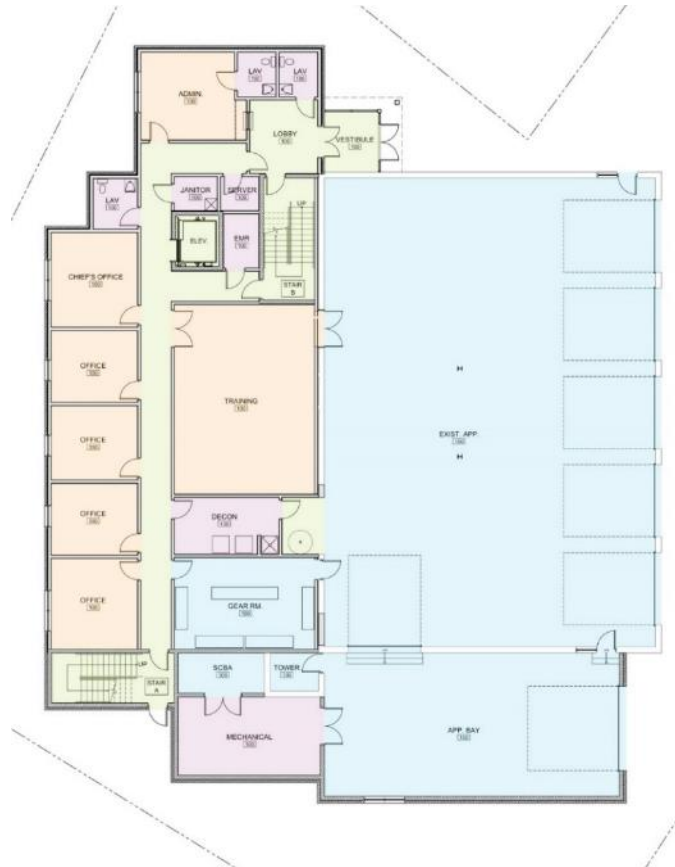
# Staying Open During Construction



- Apparatus bays will remain in use during construction
- Remainder of building will be demolished and new addition will then be constructed
- Most operations will relocate across the street in temporary space

# Floor Plans for New Station - Overview

Ground Floor Plan

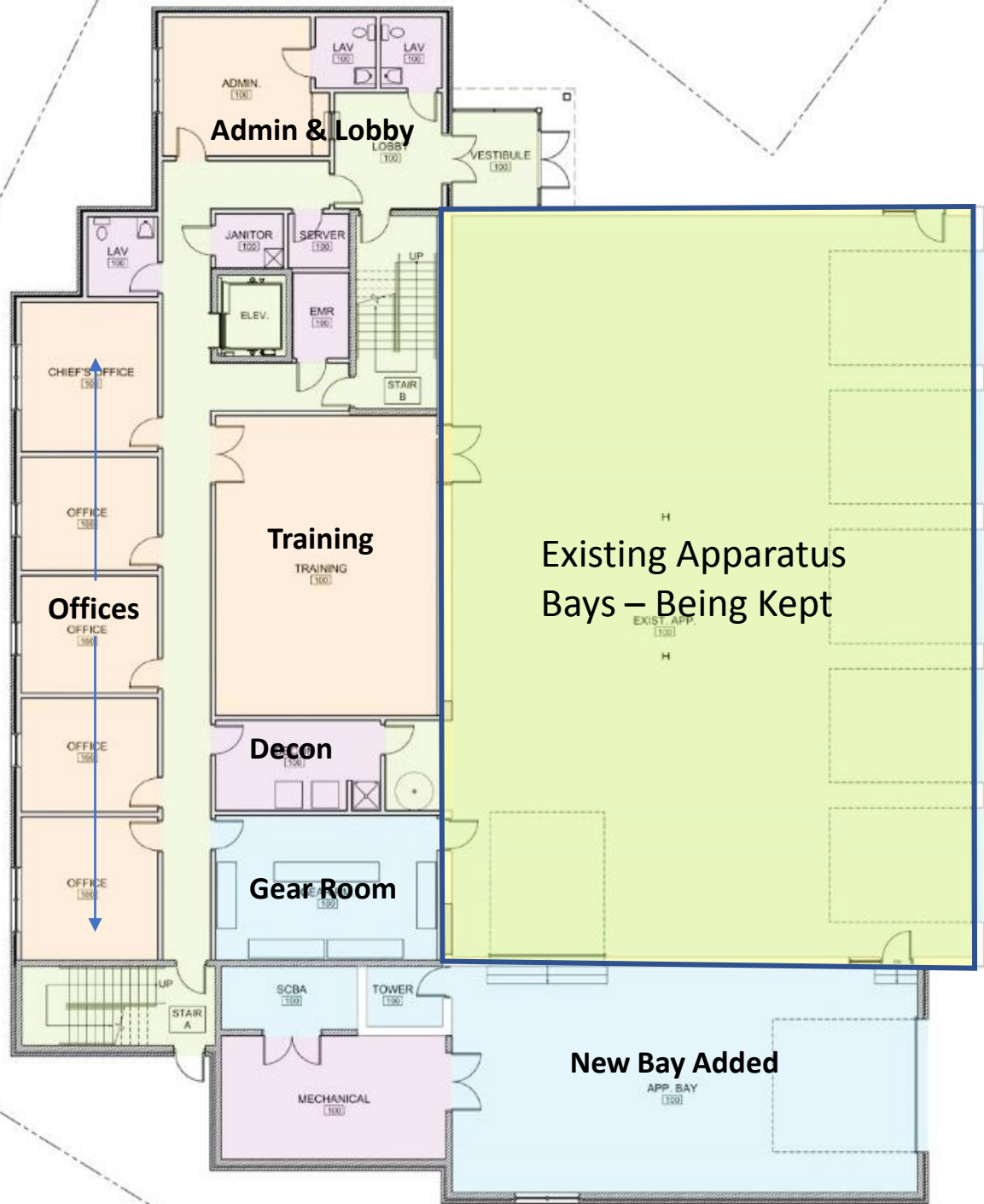


Second Floor Plan

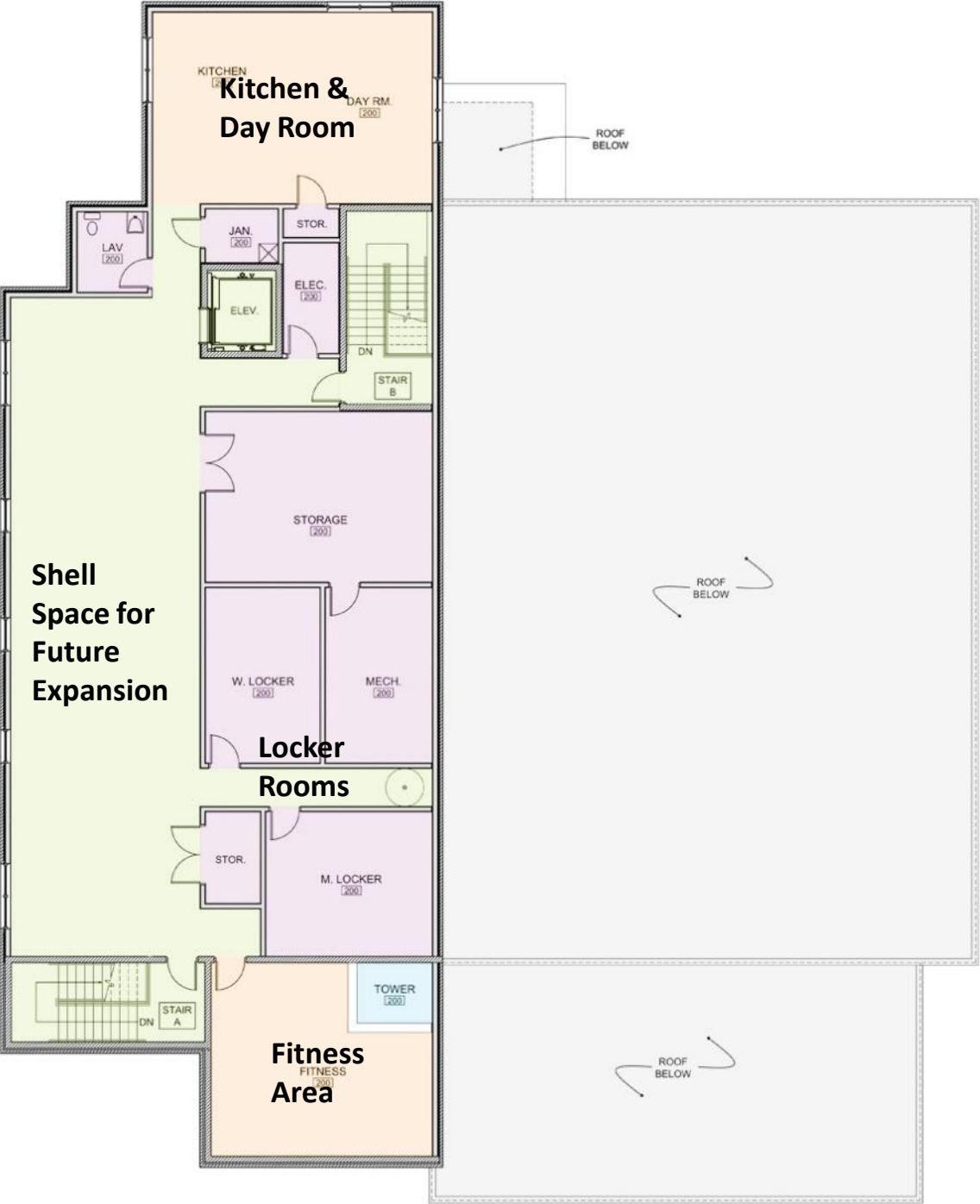




Ground Floor Plan



Second Floor Plan



# PART THREE

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# Overview of Cost Estimating Process

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1. Estimate based on Schematic Drawings dated 11/13/2017
2. Port One Architects provided answers to design questions
3. Received pricing from qualified subcontractors and suppliers
4. Applied current pricing to material quantities and systems shown plans
5. Reviewed and Coordinated with Fire Chief and Building Committee Team
6. Performed Value Engineering to Manage Costs

# Budget for Fire Station Addition and Renovations Project

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**Total Project Cost: \$3,864,300**

**Tax Impact for 20-Year Bond: \$0.2242  
per thousand**

**Average Milford Single Family Home: \$243,000**

**Average Annual Tax Impact: \$54.48**

# PART FOUR

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Please Visit: [www.MilfordFireStation.com](http://www.MilfordFireStation.com)