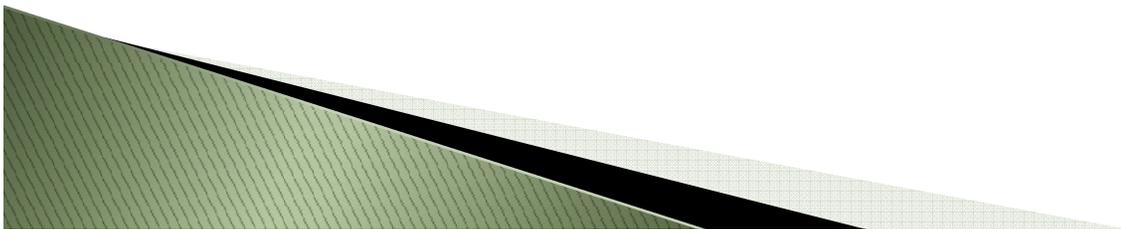


# Fire Station Project

- ▶ February 2013 request for feasibility study
- ▶ Study completed May 22, 2013 documenting the current facility is inadequate for today's equipment and 24 hour staffing.



# Current Facility Issues



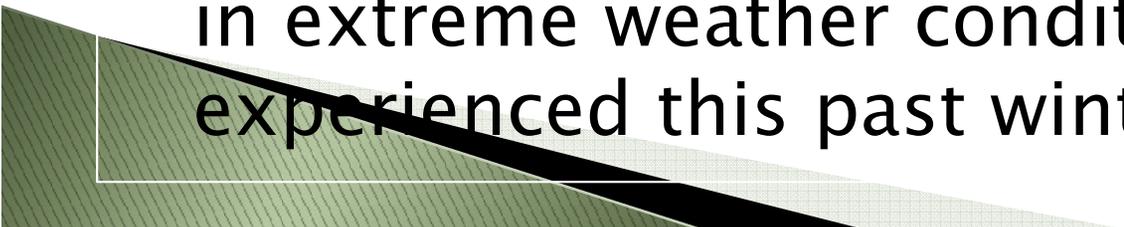
Building deterioration



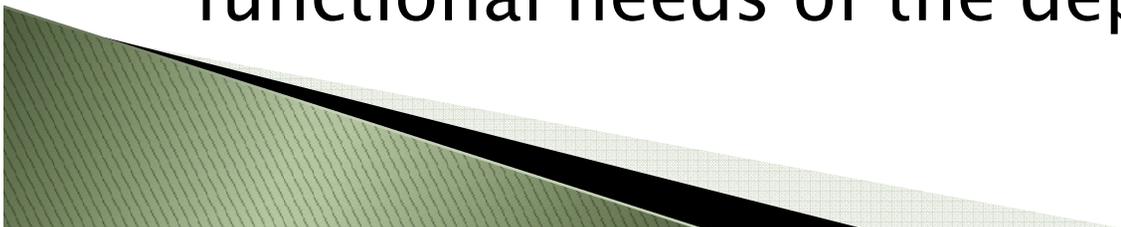
Inadequate space



## ▶ Current Building Issues

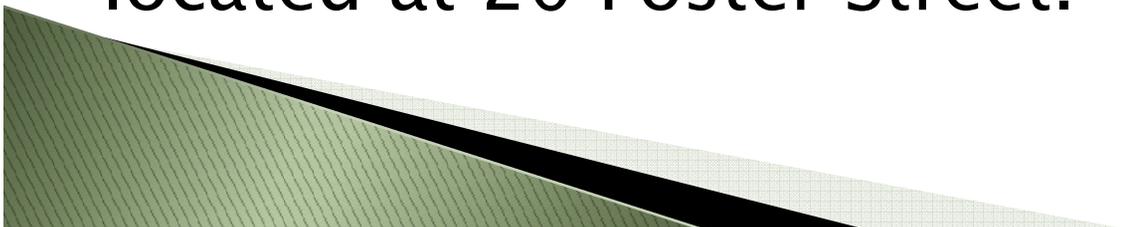
- ▶ The rear garage has significant roof deterioration and will need repairs soon!
  - ▶ (*Repaired Fall of 2014 with rubber roofing on the weathered side - should hold until construction*)
  - ▶ The response trailers have weather related damage not being under cover
  - ▶ The modular living quarters are fair at best in extreme weather conditions as experienced this past winter
- 

- Preliminary study and design
- Several renditions of a renovated fire station were done June 2013–May 2014.
- Open houses held at LFD August 2013 – April 2014 neighbors and residents attended with suggestions and recommendations for building appearance.
- ▶ Objective was to blend with the character of the neighborhood while still meeting the functional needs of the department.



## New Location ?

- Fall 2013 Investigated alternative town owned properties as potential station sites.
- Morgan property rose to the top,  
Significant cost for infrastructure ruled out the site.
- December 2<sup>nd</sup> 2013 the Board of Selectmen voted to keep the fire station at its current site located at 20 Foster Street.



# LITTLETON FIRE HEADQUARTERS

LITTLETON, MASSACHUSETTS

## EXTERIOR VIEWS

The Carell Group, Inc.  
Revised August 20, 2013



# LITTLETON FIRE STATION

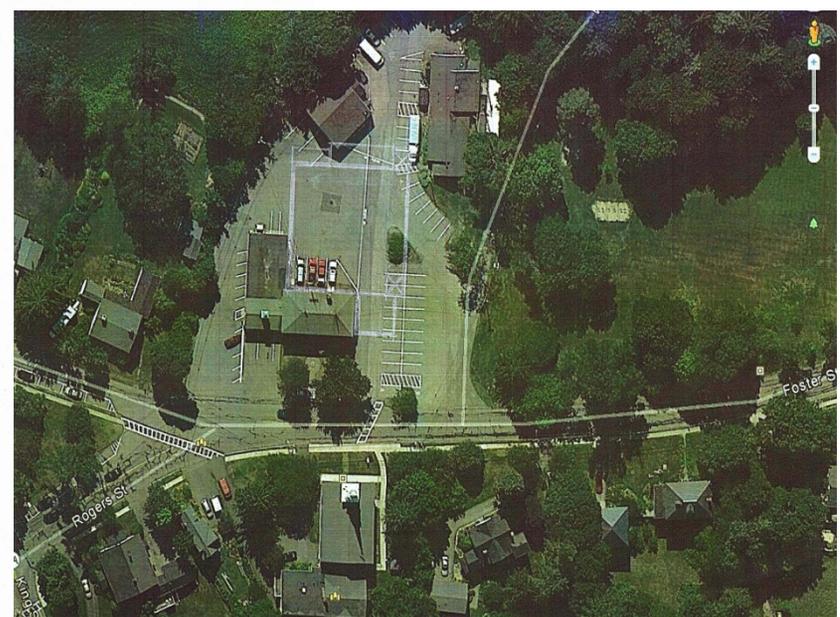
LITTLETON, MASSACHUSETTS

# SITE PLAN

The Carell Group, Inc.  
Revised August 20, 2013

Improved parking - 37 spaces compared to the current 20

Best use of entire property while improving green space



# LITTLETON FIRE HEADQUARTERS

LITTLETON, MASSACHUSETTS

# FLOOR PLANS

The Carell Group, Inc.  
Revised August 20, 2013

## LITTLETON FIRE STATION

LITTLETON, MASSACHUSETTS

## FIRST FLOOR PLAN

The Carell Group, Inc.  
REVISED May 1, 2014

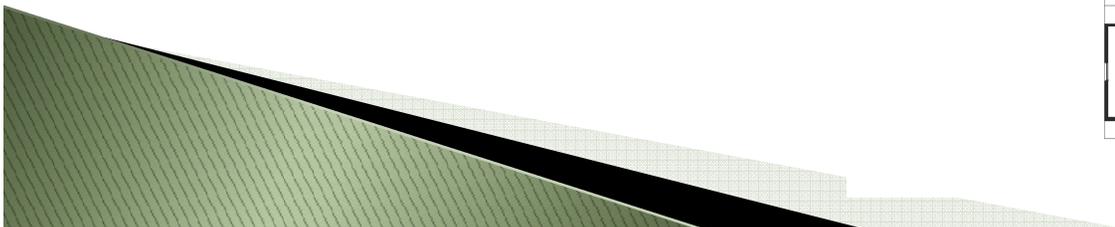
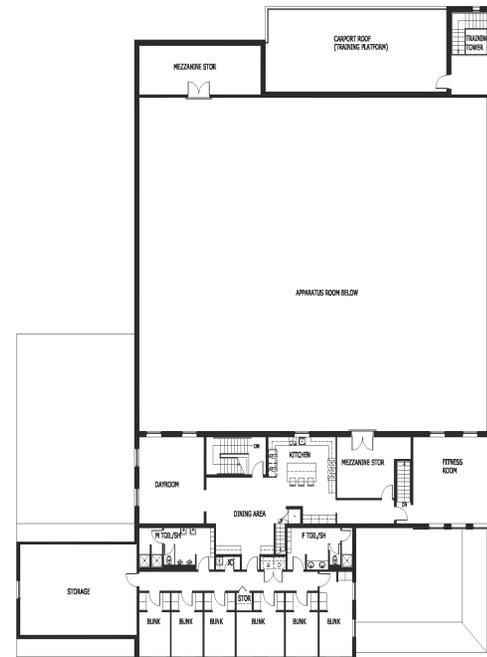


## LITTLETON FIRE STATION

LITTLETON, MASSACHUSETTS

## SECOND FLOOR PLAN

The Carell Group, Inc.  
REVISED May 1, 2014



**Littleton Fire Headquarters  
Project Budget Worksheet**

The Carell Group, Inc., Architects  
May 27, 2015

<b>CONSTRUCTION</b>	Design & Construction	DESIGN	CONSTRUCTION
Construction Estimate	\$ 5,581,000		\$ 5,581,000
Construction Contingency 10%	\$ 558,100	\$ -	\$ 588,100
<b>TOTAL CONSTRUCTION</b>	<b>\$ 6,139,100</b>	<b>\$ -</b>	<b>\$ 6,169,100</b>
<b>CONSTRUCTION RELATED COSTS</b>			
Document Printing	\$ 5,000		\$ 5,000
Owners Project Manager (OPM)	\$ 200,000	\$ 30,000	\$ 170,000
Hazardous Materials Remediation	\$ 60,000		\$ 60,000
Legal Fees	\$ 5,000	\$ 2,500	\$ 2,500
Temporary Quarters	\$ 120,000		\$ 120,000
Utility back charges	\$ 12,000		\$ 12,000
Builders Risk Insurance Part of Construction			
Soils/Concrete Testing	\$ 8,000		\$ 8,000
<b>TOTAL CONSTRUCTION RELATED COSTS</b>	<b>\$ 410,000</b>	<b>\$ 32,500</b>	<b>\$ 377,500</b>

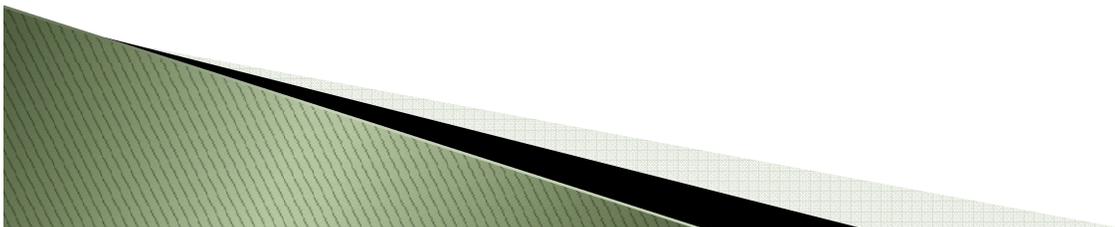
**FURNISHINGS & EQUIPMENT**

	Design & Construction	DESIGN	CONSTRUCTION
Furniture	\$ 80,000		\$ 80,000
Window Treatment	\$ 5,000		\$ 5,000
Telephone System	\$ 32,000		\$ 32,000
Radio/Communication	\$ 150,000		\$ 150,000
Radio Tower	\$ 40,000		\$ 40,000
Computer system	\$ 30,000		\$ 30,000
Cable TV	\$ 8,000		\$ 8,000
TV's, VCR's, OH Projectors, EOC AV	\$ 25,000		\$ 25,000
Misc building supplies (Floor buffer, wastbaskets, etc.)	\$ 7,000		\$ 7,000
Fitness equipment			
SCBA compressor	\$ -	\$ -	\$ -
Technology Cabling	\$ 30,000		\$ 30,000
Soft Cost Total	\$ 407,000	\$ -	\$ 407,000
Soft Cost Contingency 5%	\$ 20,350		\$ 20,350
<b>TOTAL FURNISHINGS &amp; EQUIPMENT</b>	<b>\$ 427,350</b>	<b>\$ -</b>	<b>\$ 427,350</b>

	<i>Design &amp; Construction</i>	<i>DESIGN</i>	<i>CONSTRUCTION</i>
<b>ARCHITECTURE &amp; ENGINEERING</b>			
Fees Allow 10%	\$ 613,910	\$ 460,433	\$ 153,477
Expenses	\$ 20,000	\$ 5,000	\$ 15,000
Town Engineering (Survey, Borings, 21E, etc) and Permitting	\$ 20,000	\$ 20,000	
Contingency	\$ 20,000	\$ 10,000	\$ 10,000
<b>TOTAL ARCHITECTURE &amp; ENGINEERING</b>	<b>\$ 673,910</b>	<b>\$ 495,433</b>	<b>\$ 178,477</b>
<b>TOTAL PROJECT</b>	<b>\$ 7,650,360</b>	<b>\$ 527,933</b>	<b>\$ 7,152,427</b>

This is the amount of a single project appropriation

These are the amounts if there are separate appropriations for design (through bidding) and construction



# Timeline as voted January 6, 2014:

- 1. May 2016 ATM/STM – Vote \$600k borrowing for design costs for project
- 2. July 2016 through October 2016 – Design work completed
- 3. November 2016 through February 2017 – Bid documents prepared and administered
- 4. March 2017 – Bids due
- 5. May 2017 ATM/STM – Vote the \$6+ million estimated construction costs
- 6. June 2017 through September 2018 – Construction/renovation
- 7. May 2019 – debt service placed for \$7 million
- 8. May 2020 – first payment due \$700k estimated

