

WESTWOOD

Fire Station 1



PUBLIC INFORMATION SESSION

SEPTEMBER 16, 2024

Welcome



1948

- Built 1948
- All Male Volunteer Fire Dept.
- Westwood:
 - 5,837 residents
 - 1,479 Households
 - 98 calls responded to



1975

- Renovated 1975
- Housing 4 fire fighters
- All Male Fire Dept.

- Westwood:
 - 13,970 residents
 - ? Households
 - 1,165 calls responded to



2013

- 2013
- Identified serious needs
- “Temporary” solution of lally columns & i-beams put in place to support main apparatus floor
- Westwood:
 - 14,618 residents
 - 4,514 Households
 - 2,862 calls responded to



What's changed since 1975?

Size & Weight of Apparatus



Size and Composition of Fire Fighter Team



Safety Regulations

*INTERIOR PHOTO:
Turnout Gear storage abutting
diesel exhaust of apparatus*



Structural Integrity

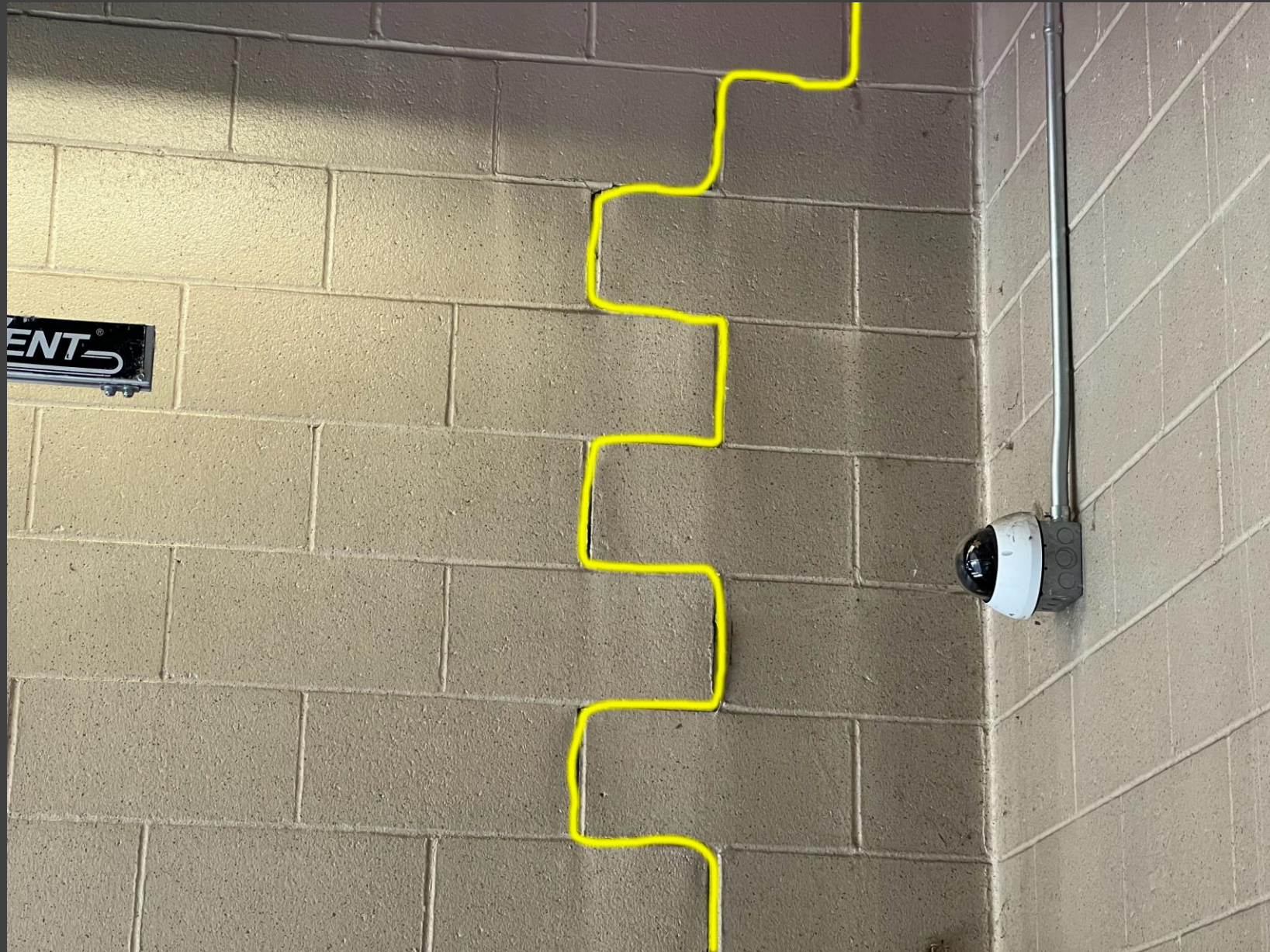
INTERIOR PHOTO:

Cracks where the building is pulling away from itself due to the age of building and the weight of apparatus



Structural Integrity

*INTERIOR PHOTO:
Cracks where the building is
pulling away from itself due to
the age of building and the
weight of apparatus*



Structural Integrity

EXTERIOR PHOTO:

Cracks where the building is pulling away from itself due to the age of building and the weight of apparatus



Structural Integrity

EXTERIOR PHOTO:

Cracks where the building is pulling away from itself due to the age of building and the weight of apparatus



Structural Integrity

*INTERIOR PHOTO:
Lally columns & i-Beams
holding up apparatus floor*



Structural Integrity

INTERIOR PHOTO:

Lally columns & i-Beams holding up apparatus floor showing corrosion of cement flooring



Structural Integrity

INTERIOR PHOTO:

Lally columns & i-Beams holding up apparatus floor showing corrosion of cement flooring



2016 - 2023

All municipal building projects
paused for school initiative



Our brave
men &
women

**NEVER
PAUSE**

when called
to action



2022 - 2024

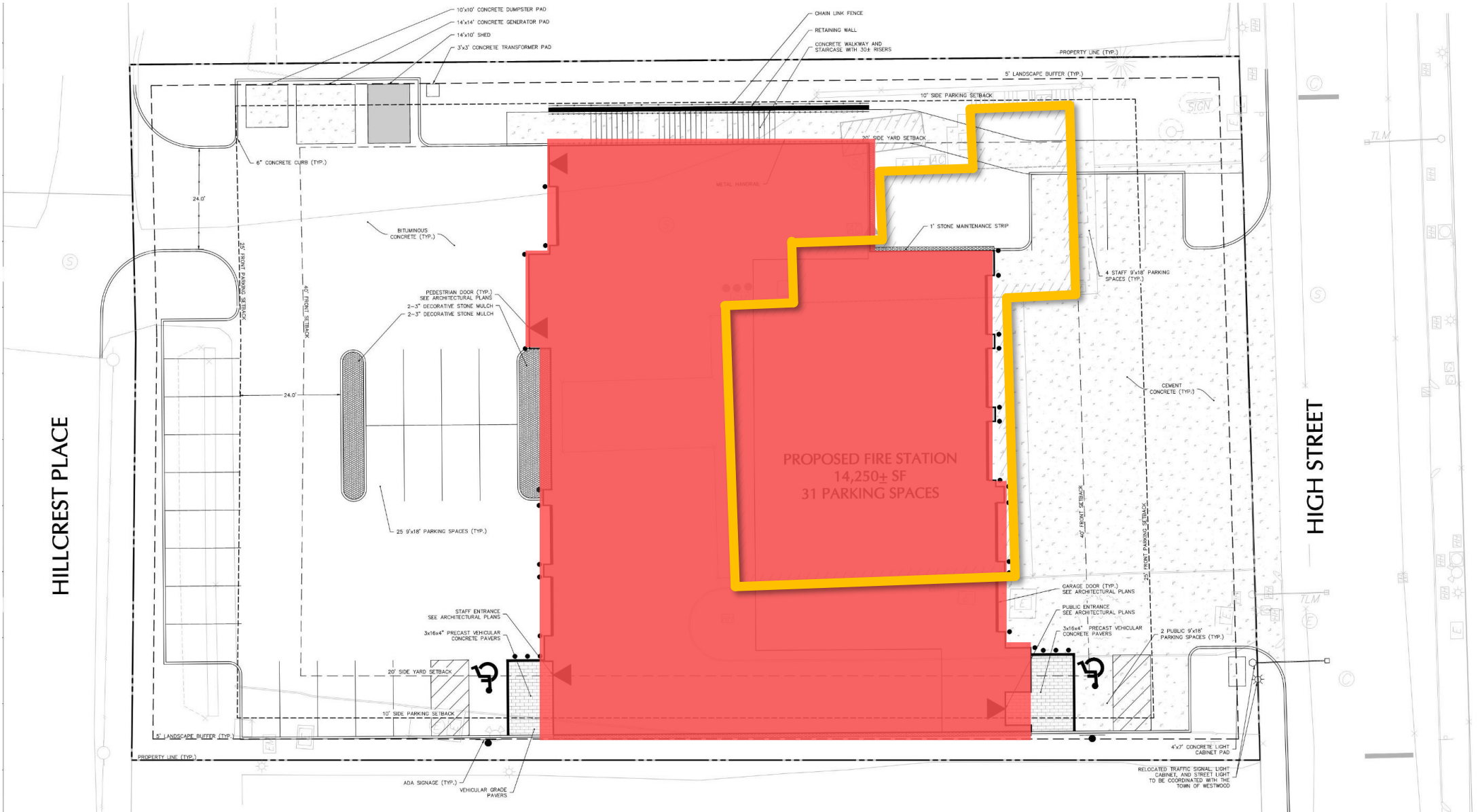
- '22 - two studies commissioned
 - Operational Study
 - Feasibility Study
- Special Town Meeting (Jan. 2024) – design funds
- FS1 Working Group Formed (Feb. 2024)
- Today Westwood:
 - 16,266 Population
 - 5,000+ Structures
 - 4,004 runs



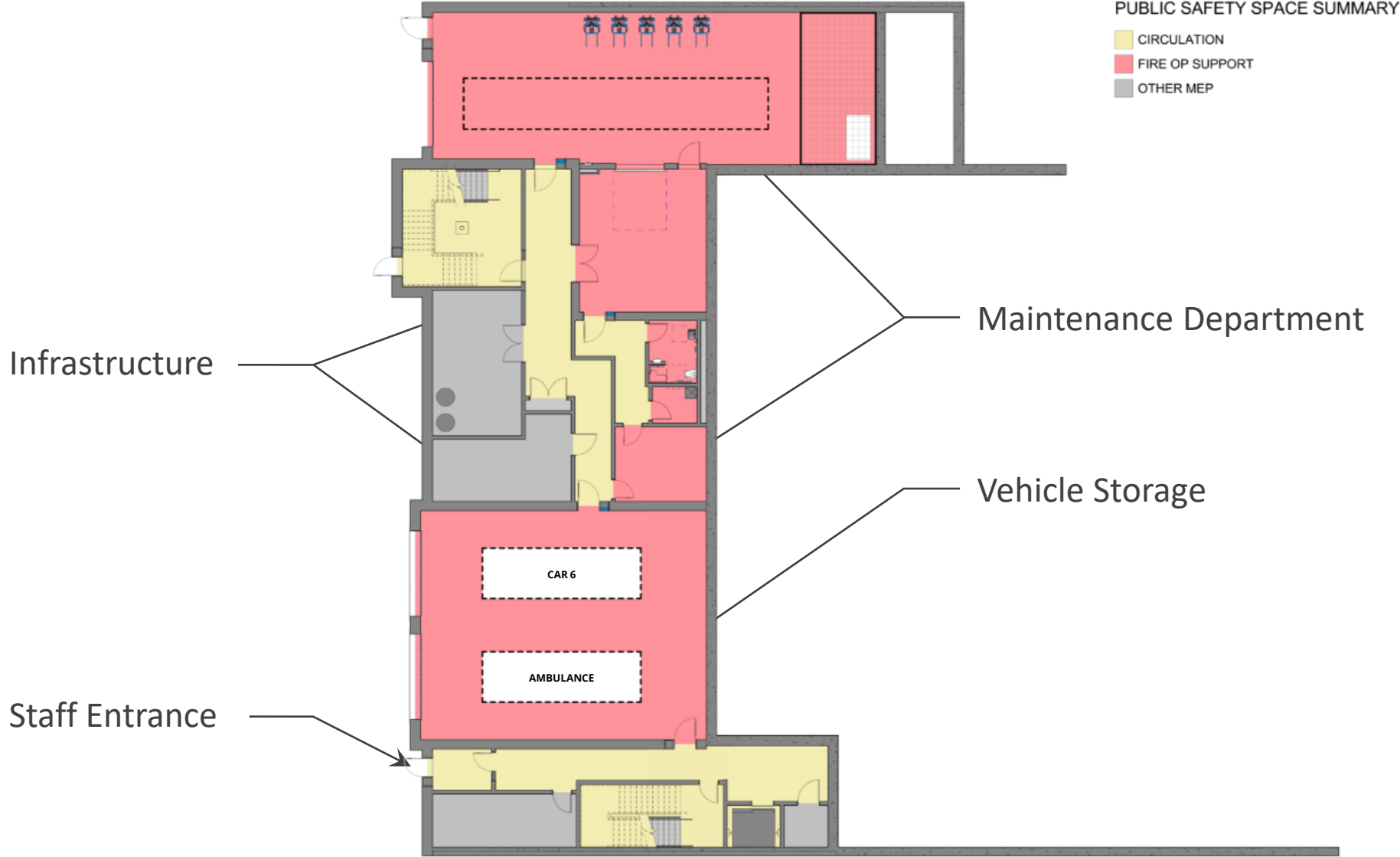
WHERE ARE WE TODAY?

Schematic Design

WESTWOOD FIRE STATION 1



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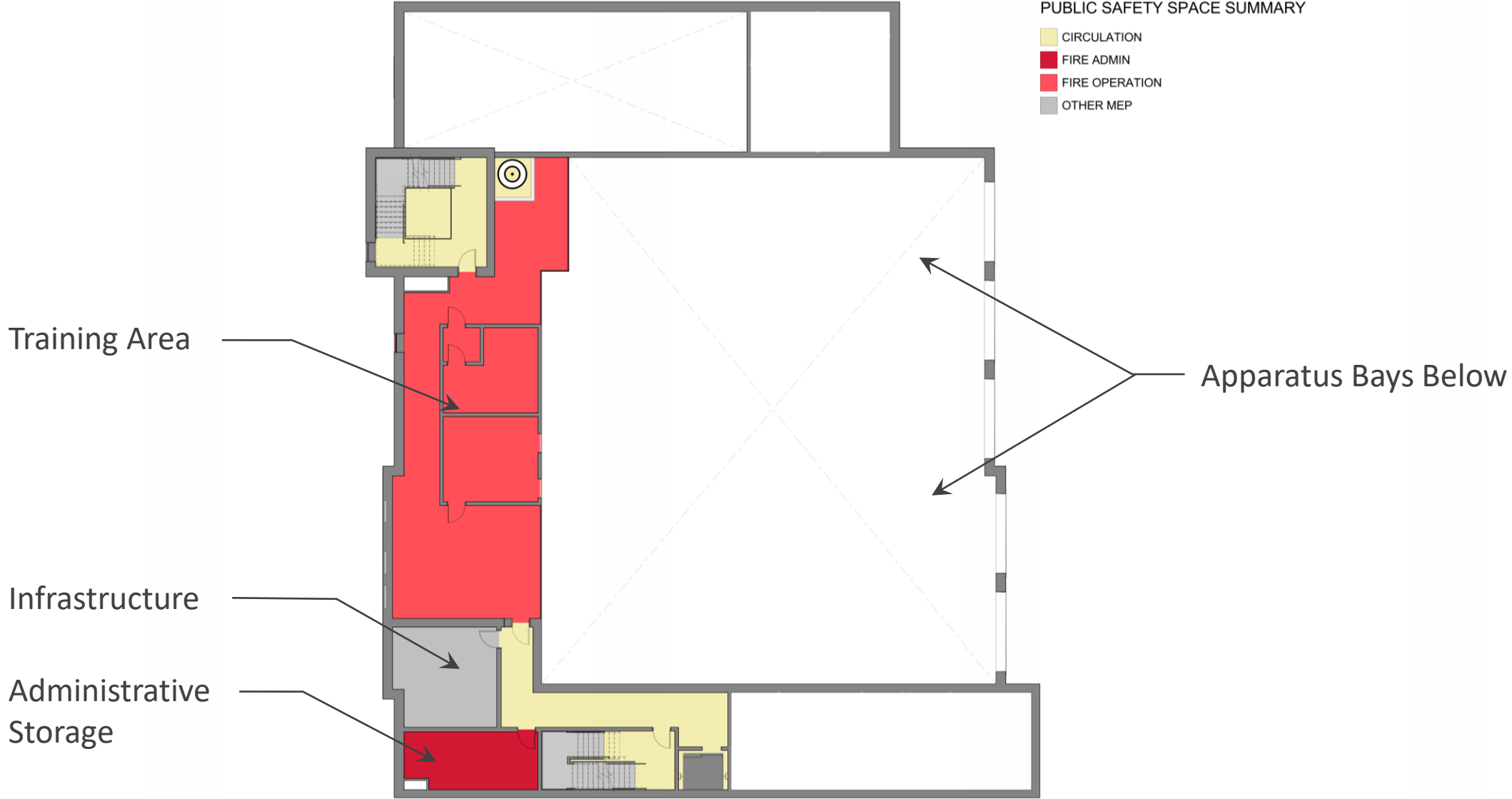
LOWER-LEVEL PLAN DIAGRAM: 8,142 gsf

WESTWOOD FIRE STATION 1



FIRST-FLOOR PLAN DIAGRAM: 12,553 gsf

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MEZZANINE FLOOR PLAN DIAGRAM: 3,324 gsf

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SECOND-FLOOR PLAN DIAGRAM: 11,918 gsf

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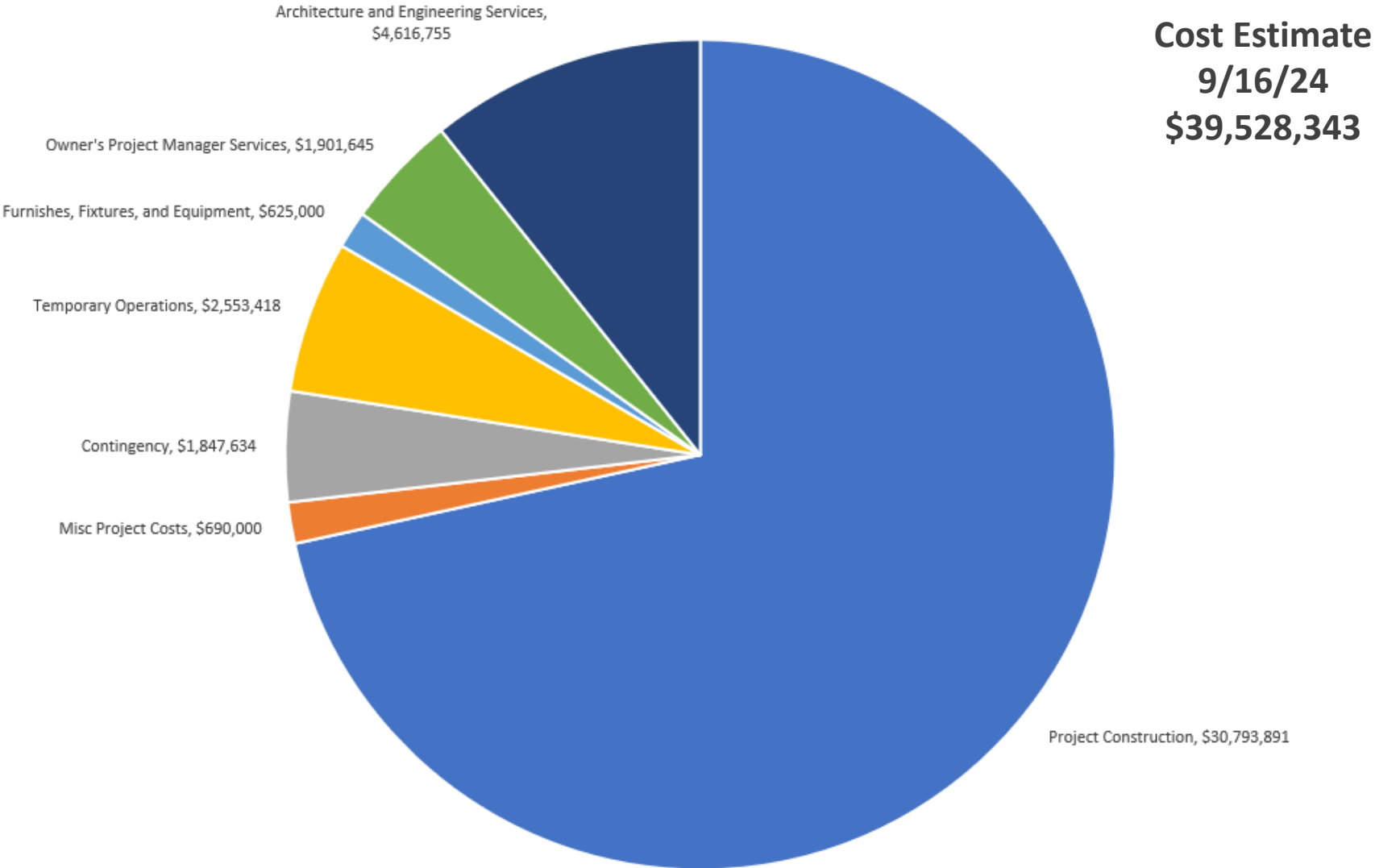


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Frequently Asked Questions

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Estimated Project Cost



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Can We Shrink the Building?

Functions of the Fire Department:

- Fire Suppression
- EMS
- Rescue
- Hazardous Materials
- Emergency Mngmt / Disaster planning
- Fire Prevention
- Fire Investigation
- Code Enforcement
- Mechanic Work
- Public Education/Outreach
- Training

Equipment to be Housed in FS1:

- Ambulance x 3
- Ladder
- Engine x 2
- Squad Truck
- SUV x 2
- Pickup Truck
- Turnout Gear x 66
- Gear Extractor/Dryer
- EMS Supplies/Medication
- Mechanics Tools
- Training Equipment

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Why Does This Cost More Than FS2?

	FS1	FS2
Apparatus Bays	✓ (5)	✓ (3)
Living Quarters	✓	✓
Training Space	✓	✓
Administrative Space (Chief, Assistant Chief, Fire Prevention, EMS)	✓	
Mechanics Bay	✓	
iNet	✓	
Complicated Topography	✓	

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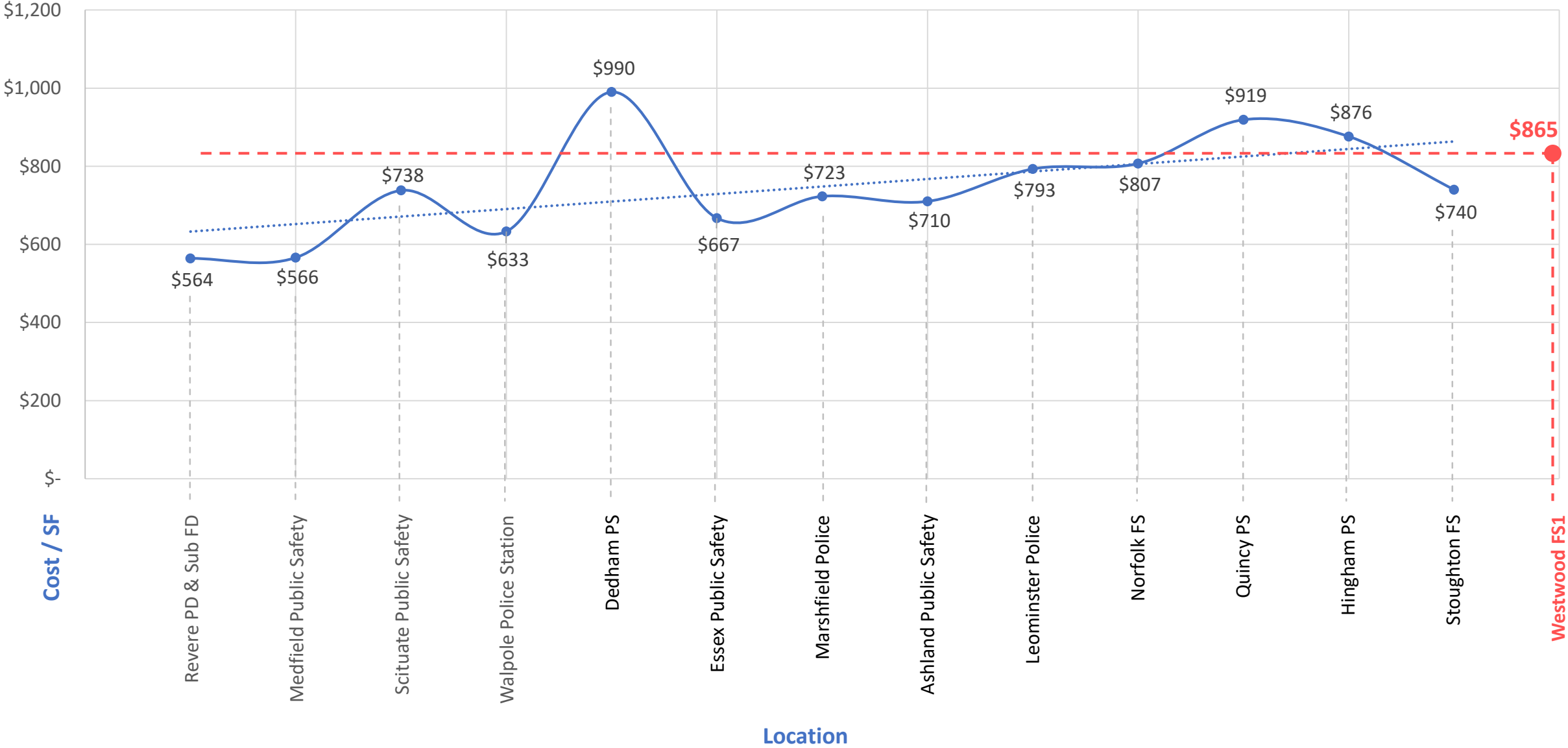
● Prior to 2020, the average escalation rate was +/-3%

Construction Cost Comparisons

PUBLIC SAFETY / POLICE STATION COMPARISONS						
Town	Program	Year	Building SF	Construction Costs Escalated to August 2024	Cost / SF	Notes
Revere PD & Sub FD	Combined PS	2008	53,500	\$30,177,956	\$564	
Medfield Public Safety	Combined PS	2015	37,500	\$21,208,010	\$566	
Scituate Public Safety	Combined PS	2016	28,740	\$21,209,401	\$738	
Walpole Police Station	Police	2016	14,550	\$9,203,126	\$633	
Dedham PS	Combined PS	2020	50,210	\$49,723,134	\$990	Includes a Parking Garage
Essex Public Safety	Combined PS	2020	24,505	\$16,352,587	\$667	
Marshfield Police	Police	2020	26,022	\$18,813,040	\$723	
Ashland Public Safety	Combined PS	2021	41,148	\$29,203,874	\$710	
Leominster Police	Police	2021	37,333	\$29,588,112	\$793	Includes a Parking Garage
Norfolk FS	Fire	2022	26,694	\$21,540,360	\$807	
Quincy PS	Combined PS	2023	123,926	\$113,892,650	\$919	Includes a Parking Garage
Hingham PS	Combined PS	2023	49,233	\$43,115,971	\$876	Includes a Parking Garage
Stoughton FS	Fire	2023	25,145	\$18,602,574	\$740	

● Since then, we have seen 1% for 2020, 5% for 2021, 14% for 2022, 7% for 2023, and 4% for Aug 2024 ●

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Why This Site?

A An addition / Renovation at the Existing Fire Station:

Pros: On existing Town Land;

Cons: New building size will not fully meet program needs, and significant modifications to existing structure systems, temp relocation, challenging site topography;

B Town-Owned High Street Site:

Pros: On existing Town Land, will meet current and future program needs, no temp relocation;

Cons: Landlocked site with no street access, close proximity to residential neighborhood

C Town Hall and Police Station Site:

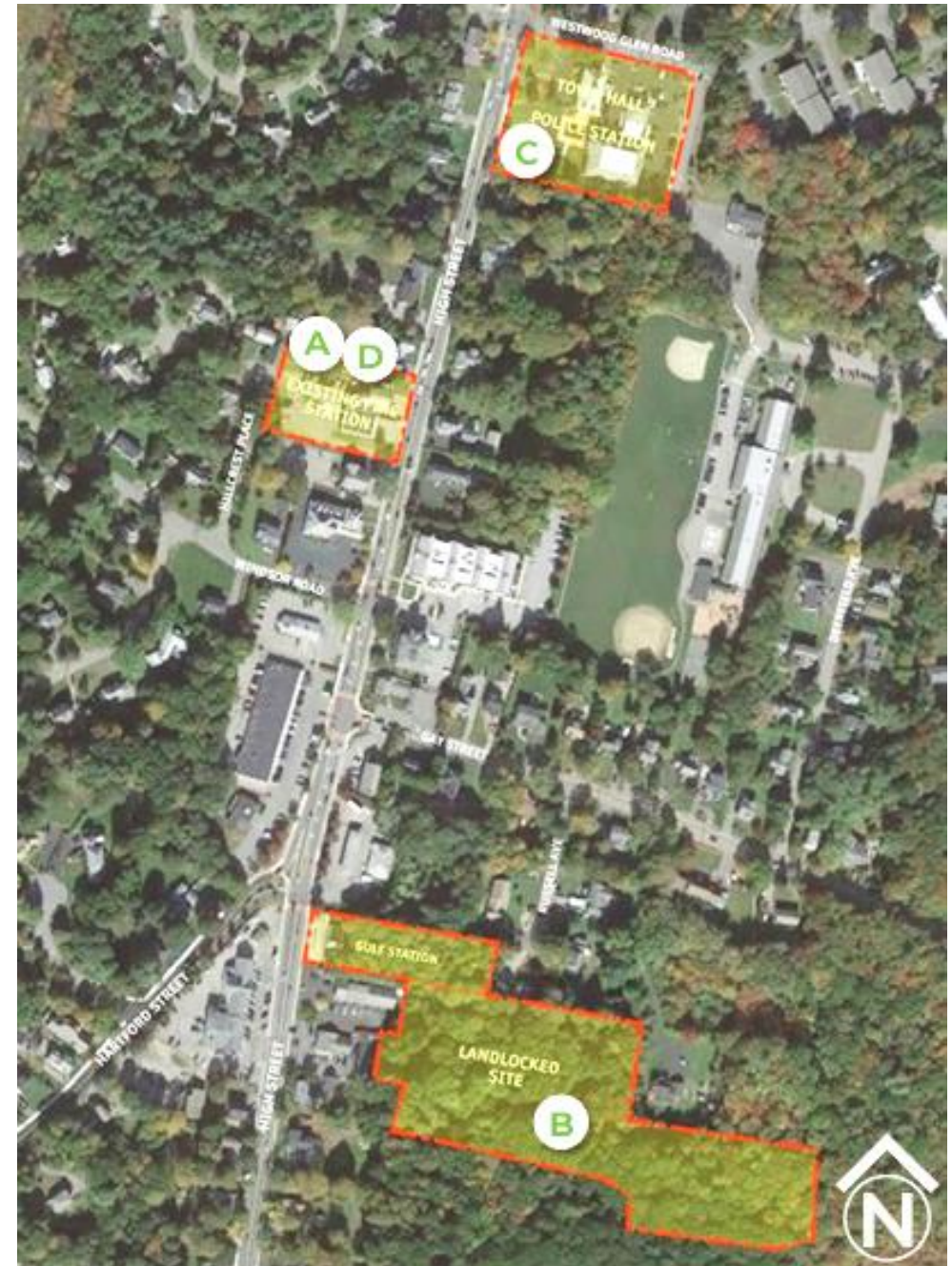
Pros: On existing Town Land, will meet current and future program needs, no temp relocation, create a public safety campus;

Cons: Very tight site, significant impact on parking and site circulation, not enough room to meet program needs;

D New Construction at Existing Fire Station:

Pros: On existing Town Land, will meet current and future program needs;

Cons: Temp relocation, challenging site topography;



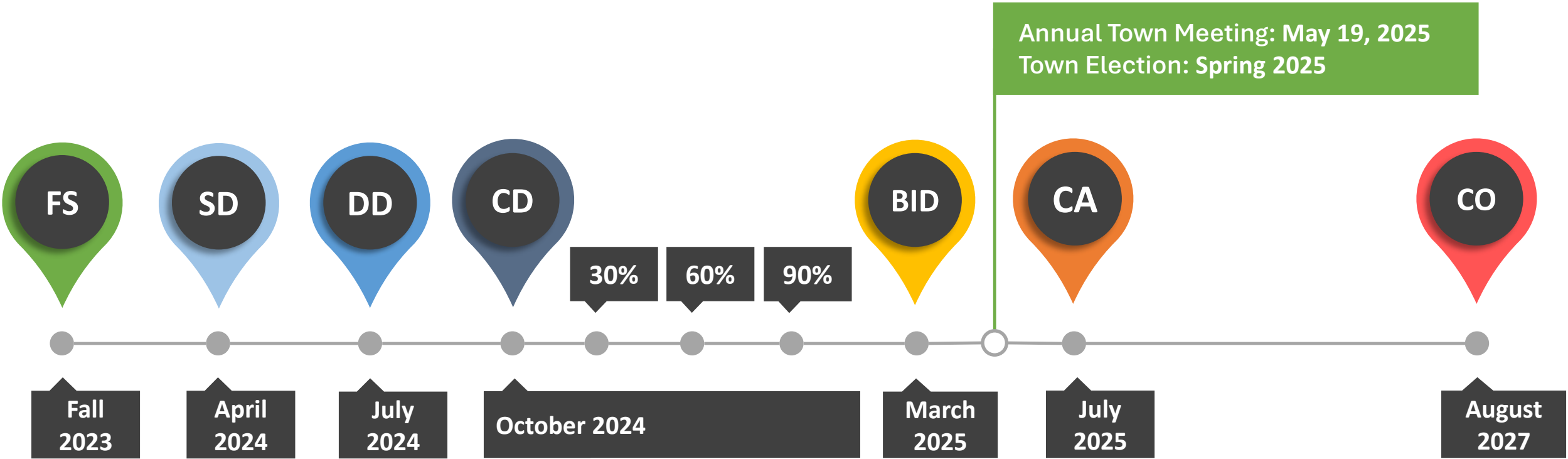
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Why Not The Deerfield?

- ❑ The Deerfield School is under the care, custody and control of the School Committee, not the Select Board;
- ❑ For a permanent location, the Department would need direct access to High Street which this site lacks;
- ❑ Poor turning radius from Deerfield Avenue onto Gay Street;
- ❑ No parking would be allowed on Deerfield Avenue;



WESTWOOD FIRE STATION 1: Proposed Project Schedule



FS Feasibility Study
SD Schematic Design
DD Design Development
CD Construction Documents

BID Sub-Contractor & General Contractor Bidding
CA Construction Administration
CO Certificate of Occupancy

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Follow Project Updates

Thank you!



TOWN OF WESTWOOD



FIRE STATION
HEADQUARTERS

