Chilmark Firehouse Tri-Town Ambulance Facility

May 2021



Purpose

- To review the design and construction plan for a new firehouse and a Tri-Town Ambulance (TTA) facility.
- Review the construction cost estimate for voter consideration and funding will be considered at the May 24, 2021 Annual Town Meeting.
- The Building Committee agendas and meeting minutes are posted on the Town's website:

www.chilmarkma.gov/chilmark-fire-house-tri-town-emt-buildingcommittee

 <u>Tonight:</u> Review and discuss the recommended designs, cost estimate and projected impact on your taxes prior to town meeting.

Building Committee – Formed 9/10/19 (continued working via zoom during pandemic)

- Bill Rossi Chilmark Selectman and Committee Chair
- Tim Rich Retired Chilmark Police Chief and EMT
- Will Parry 27 year Chilmark volunteer firefighter (retired)
- Ben Retmier Tri-Town Ambulance Chief
- Jeremy Bradshaw Chilmark Fire Chief
- Jim Newman Aquinnah Selectman and Tri-Town Committee member
- Skipper Manter West Tisbury Selectman
- Chuck Hodgkinson Staff

Selectmen concept developed 3 years ago. Led to purchase of 399 Middle Rd. \$900,000+

Neighbor Walkway Town Hall

TTA on 399 Middle Road

Firehouse on Menemsha Crossroad

What's happened...

- Town purchased a 1.4-acre parcel at 399 Middle Road for \$900,000 as a possible site for the Tri-Town Ambulance facility and additional public parking lot for town center.
- Town voters approved a total of \$640,000 to hire an Owner's Project Manager (OPM) and Architect to design and build both buildings.

399 Middle Road: \$900,000



Original concept challenges

Two separate, full-service facilities on two different sites.

 Over several weeks -- while evaluating the design challenges of having two separate buildings on 2 sites we <u>simultaneously had a schematic cost</u> <u>estimate</u> prepared by our OPM for building two separate full-service facilities—regardless of their location.



It was too expensive to have two full-service buildings.

Combined 12,000 sq. ft.; \$12.6 million+.

There were infrastructure, space needs and use duplications.

Conclusion

• <u>Divide the firehouse space needs</u> between Menemsha Crossroad and 399 Middle Road.

 Fire Department and TTA Service share specific spaces and functions on 399 Middle Road.



Minimize/eliminate space and function duplication and therefore, reduce overall square footage.

Future Firehouse functions for Menemsha Crossroad location

- Four 12' high, 14' wide apparatus bays with gear grid to be stacked along the back wall. (current three doors and bays are too narrow and too low).
- Trucks need to exit onto Menemsha Crossroad for safety.
- Decontamination room with decon. laundry, shower and toilet.
- Air fill station.
- Chief and administrator office with phone, internet service.
- Electric room with space for future photo-voltaic (PV) panels.
- Auxiliary generator with electric room.
- Furniture, fixtures & special equipment.
- Hazardous waste tight tank, storm water drainage and septic.
- A few dedicated parking spaces for firefighters.
- Septic system and well.

Shared firehouse and TTA functions for 399 Middle Road

- Vestibule, lobby with public accessible restroom.
- Meeting/training room.
- Meeting/training storage room.
- Partial hallways.

Future Exclusive TTA functions for 399 Middle Road

- 2 bays with staff parking.
- Decontamination room with decon. laundry, shower and toilet.
- Secure temperature-controlled storage for medications.
- Chief & administrator office with phone, command radio
- Network, IT.
- 2 Bunk rooms for 24-hour EMT shifts.
- Separate men's, women's lockers, showers, bathrooms.
- Day Room with kitchen.
- Furniture, fixtures & special equipment.
- Oxygen tank filling room.
- Radio boost room.
- Janitor, toilet.
- Balance hallways (not shared).
- Balance area excluding walls (not shared).

Additional town functions for 399 Middle Road

- 19 additional public parking spaces for town center with 2 EV charging units.
- 620 sq. ft. down-lit walkway from 399 Middle Road parking lot to town hall lot—without having to walk in Middle Road.

Firehouse at Menemsha Crossroad



Chilmark Town Building Architecture

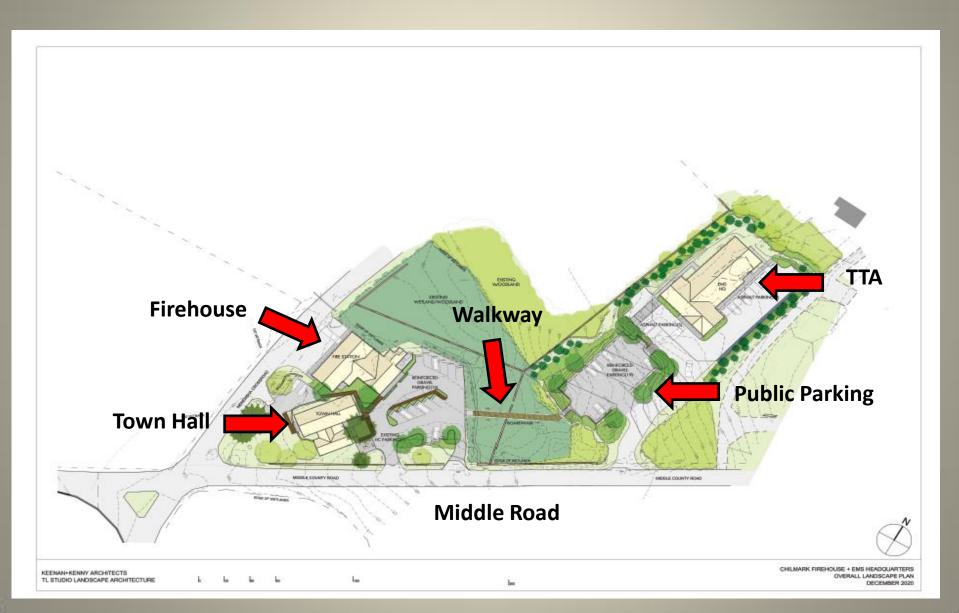




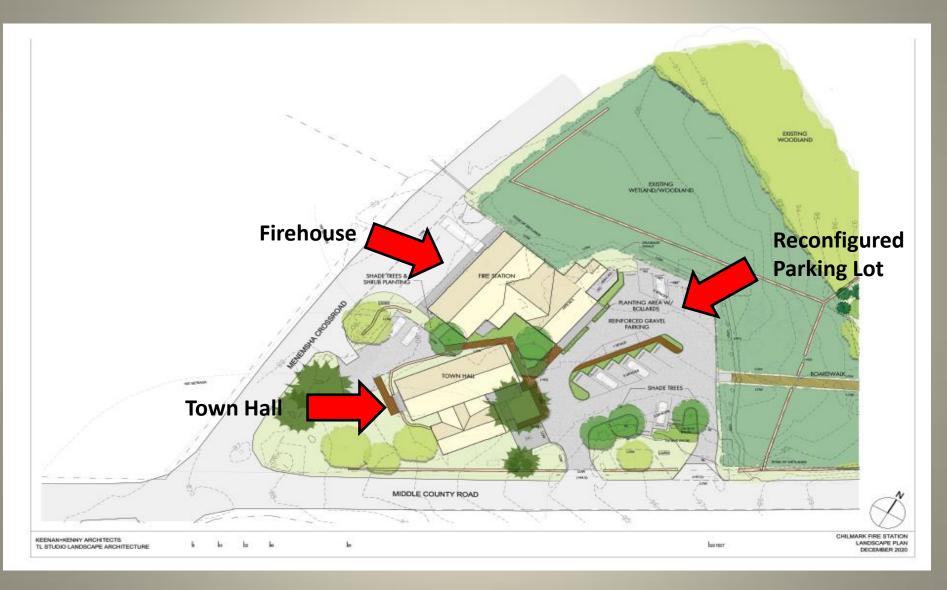




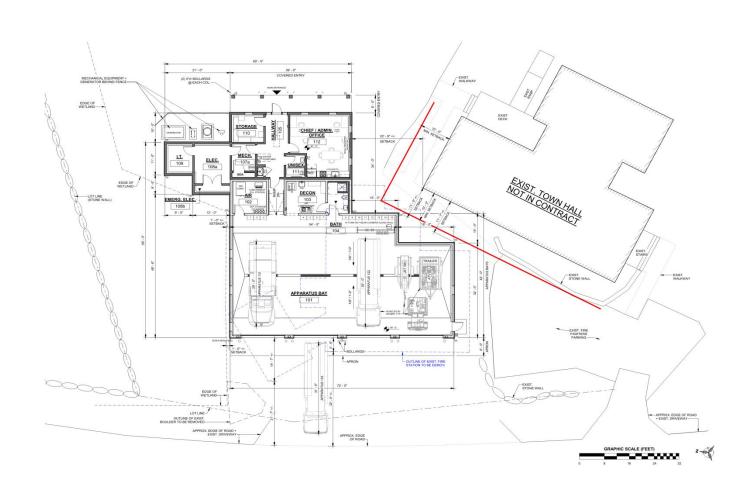
Total Plan



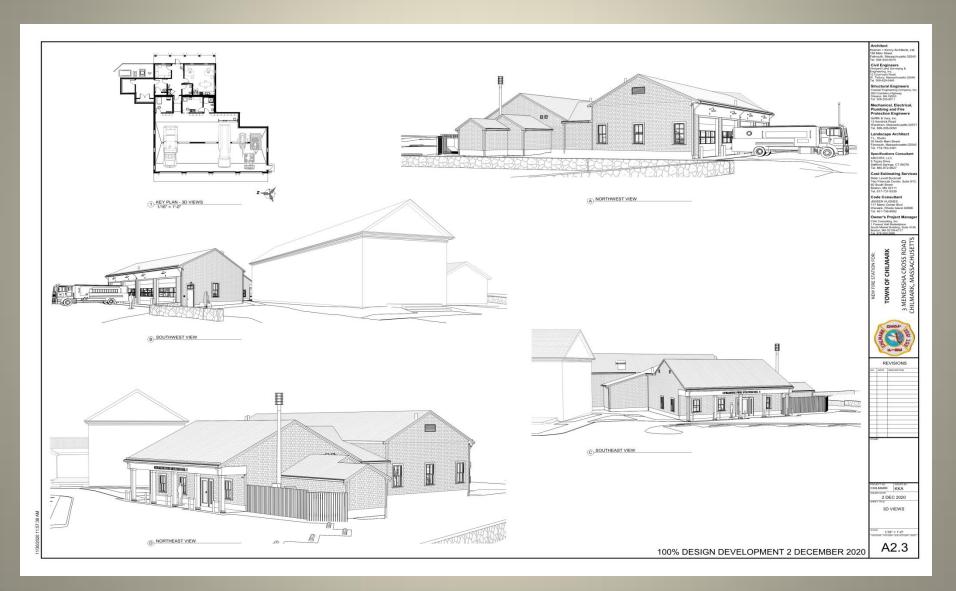
Firehouse Menemsha Crossroad



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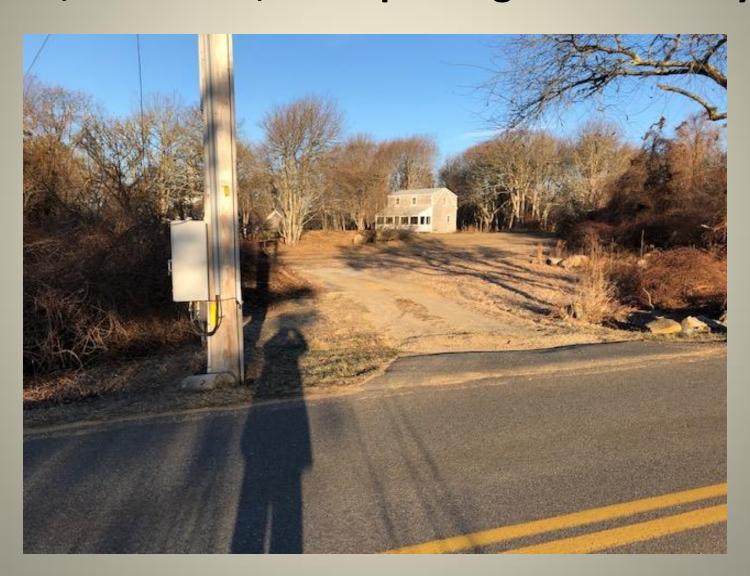








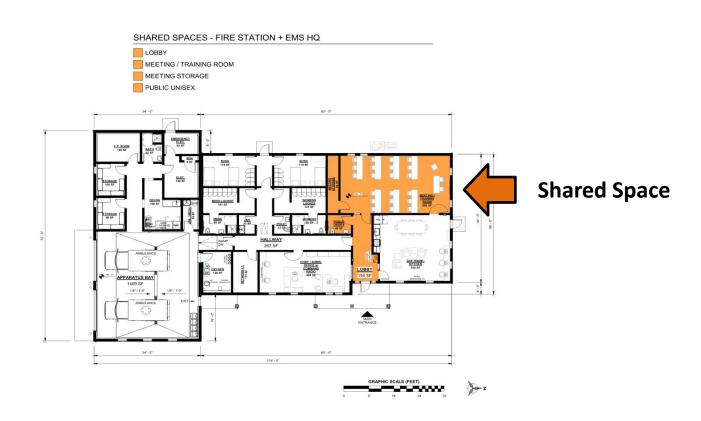
399 Middle Road TTA; Firehouse; town parking and walkway



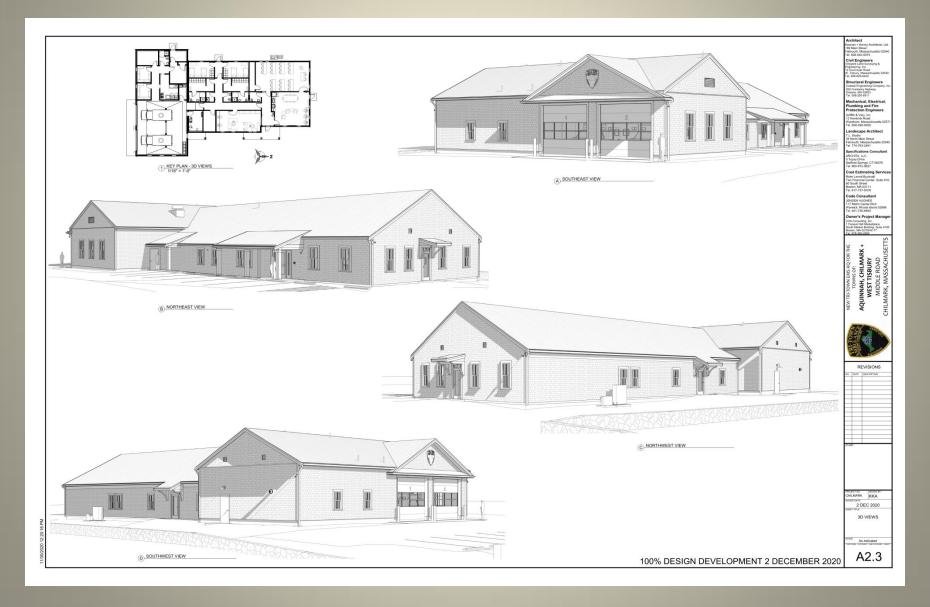
399 Middle Road



399 Middle Road



399 Middle Road













Square footage and rough cost current design

Firehouse Menemsha Crossroad: 4,507 sq. ft. (3,908)

Shared TTA/Firehouse 399 Middle Road: 6,254 sq. ft.

Total both buildings: 10,761 sq. ft.

Square footage and rough cost current design

Total apparatus bays (4 FH; 2 TTA): 4,164 sq. ft.

Total Functional space: 6,597 sq. ft.

Total both buildings: 10,761 sq. ft.

Cost estimate: \$11.1 million

Cost estimate \$(000) current design & cost

	Firehouse/		
	<u>Firehouse</u>	TTA	<u>Total</u>
Construction 10% contingency	\$3,712 <u>371</u>	\$4,086 <u>409</u>	\$7,798 <u>780</u>
Sub total construction	\$4,083	\$4,495	<u>\$8,578</u>

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+General conditions (10%)	\$ 371	\$ 409	\$ 780
+Insurance (1.2%)	45	49	94
+Performance bonds (1.1%)	41	45	86
+Contractor fees (5.0%)	<u>208</u>	<u>229</u>	<u>437</u>
Sub total	\$ 4,748	\$ 5,227	\$ 9,975

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	4		
+Asbestos removal	\$ 35	\$ 0	\$ 35
+Furniture, fixtures, equip.	9	67	76
+Special Equipment	180	170	350
+ Down-lit walkway	0	215	215
+1 year inflation @ 3.0%	<u>130</u>	<u>140</u>	<u>270</u>
Total	Ć E 403	ĆE 010	ć10 031
Total	<u>\$ 5,102</u>	<u>\$5,819</u>	\$10,921
+ additional architect, mech. & structural engin. fee			150
Grand Total			<u>\$11,071</u>

Tri-Town Ambulance Facility cost sharing among 3 towns

Tri-Town Ambulance Facility cost sharing among 3 towns

- The Boards of Selectmen in Chilmark, Aquinnah and West Tisbury and West Tisbury voters have agreed to <u>share</u> the Tri-Town Ambulance building construction part of the total TTA cost—the costs for the exclusive TTA space and 50 % of the TTA/Firehouse shared space.
- These bonded construction costs will be shared equally among the three towns 1/3, 1/3, 1/3 each year for the term of the bond.

Shared TTA Costs \$(000) Chilmark Costs \$(000)

Total Cost estimate:	\$11.1 million
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Shared Costs TTA (excl. public parking, walkway etc.):

Chilmark	<u>\$1,485</u>
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West Tisbury \$1,485

Aquinnah \$1,485

Other Remaining Chilmark Costs \$6,645

Total Chilmark Costs \$8,130

Total West Tisbury + Aquinnah Costs \$2,970

How much will my taxes go up?

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FY 2021 Tax Rate

\$11.1 Million Bond; 30 Year

3 %

30 Year

1.75 %

30 Year

\$11.1 Million Bond; 30 Year

	3.0%	<u>1.75 %</u>
Year 1 debt service	\$703,000	\$564,200
Last Year debt service	\$381,100	\$376,475

\$11.1 Million Bond

	30 Year@3%	30@1.75%
		1
<u>Year 1</u>	\$703,000	\$564,200
(- West Tisbury + Aquinnah)	<u>- 188,200</u>	<u>-\$151,000</u>
Net Year 1	\$514,800	\$413,200

\$11.1 Million Bond

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Tax Rate Increase	+ 15 cents	+ 12 cents

\$11.1 Million Bond

	30 Year@3%	30@1.75%
After WT, Aquinnah \$		
Net Year 1 Cost	<u>\$514,800</u>	\$413,200
Tax Rate Increase	+ 15 cents	+12cents
Assessed Value	Year 1 Taxes	Year 1 Taxes
\$750,000	+\$113	+\$ 90
\$1,000,000	+\$150	+\$120
\$2,000,000	+\$300	+\$240
\$5,000,000	+\$750	+\$600

Estimated Timing

Town Meeting approval

May 2021

Award job after bidding

Sept-Oct 2021

Break ground

4th Quarter 2021

Finished project (20-24 months)

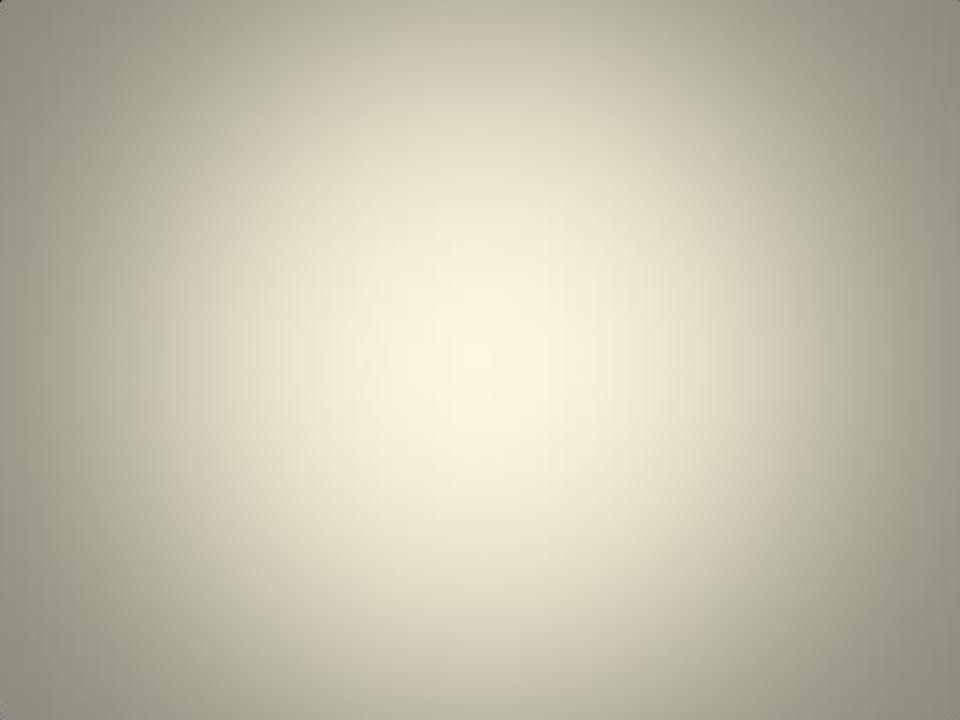
3rd or 4th Quarter 2023

Firehouse, Tri-Town Ambulance Discussion





Thank You!



Backup if needed

 The following slides will be organized and available if people want to know if other options were considered.

Original firehouse concept challenges

- Larger firehouse and wetland resource impacts: building footprint, well, septic, hazardous waste containment, storm water drainage.
- Space for <u>four</u> larger bays and <u>all</u> administrative functions.
- Mandatory building code setback distances from town hall building.

May require adding steel, fire-rated doors/shutters for some town hall windows facing the firehouse.

Example <u>possible</u> fire-rated metal window shutter for town hall windows



Plan B: Considered and rejected alternative firehouse location on town hall lot



Plan B: Firehouse on town hall lot challenges

- Lose more than ½ current town hall parking lot. <u>Gain</u> parking on current firehouse location off Menemsha Crossroad.
- Need to relocate town hall septic leach field.
- Space for fire truck exit onto Middle Road—tight turn.
 - Trucks need to have direct access to Menemsha Crossroad.
- Overall congestion and crowding on the town hall parking lot location.

Plan C

Place firehouse on 399 Middle Road site.

Place TTA facility on the Menemsha Crossroad site.

Pros firehouse on 399 Middle Road:

- More room for firehouse facility.
- Very minimal construction impact on the wetland resources located on the SW corner of this lot.
- No need to relocate town hall septic or lose ½ current parking.

Pros TTA facility on current Menemsha Crossroad location:

- More space for TTA facility.
- Farther from the wetland resource that runs behind the town hall parking lot to the culvert next to the current firehouse/TTA garage location.
- Less congestion; no need to relocate town hall septic or lose
 ½ current town hall parking lot.

Cons: Two separate, full-service facilities on two different sites.

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Contract fees to design and build both buildings

• Keenan + Kenney: *\$375,000

• CHA/Daedalus: \$210,000

Vineyard Land Surveying
 Engineering

& Engineering: \$ 55,000

Total: \$640,000

*Note: If both buildings are approved at the April 2021 town meeting, voters will be asked to approve an additional \$150,000 for K & K's architectural fee due to the cost of the project and industry fee guidelines.