



PUBLIC SAFETY FEASIBILITY STUDY

Town of Danbury

Background on Current Public Safety Buildings:

- Historic 1856 Town Hall houses 540 square foot Police Office.
- Does not meet current code and space requirements.
 - Does not have a safe secondary exit path for officers and staff.

Original Volunteer Fire Department was formed in 1946.

- Housed in an older grain storage building.
- Had been expanded over the years.
- The F.A.S.T Squad (EMS) started in 1980.
- Housed in the same, 4,000 square foot facility.

Building Problems:

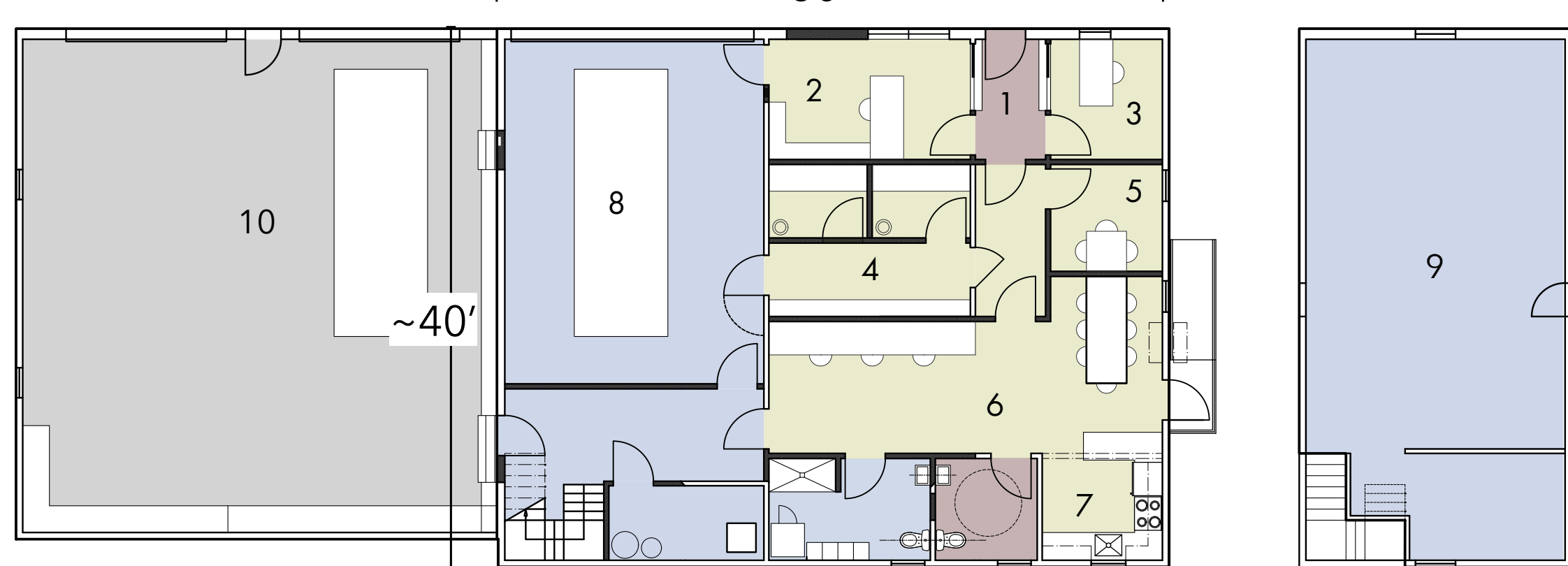
Current Police Office

- Staff are not able to properly *store and maintain evidence*
- There are no facilities for *booking and arrest processing*
- There is no capability to *perform investigative interviews*
- There is no ability to *separate juveniles* during investigations or arrests
- The facility lacks space for proper *record retention and storage*.

Current Fire Station

- The Stations' *undersized apparatus bays and overhead doors* require the department to special order custom vehicles at higher costs.
- *Different floor heights* create dangerous travel to apparatus slowing response time during emergencies.
- *Tight and non-functioning spaces* for accessing apparatus compartments.
- Apparatus have to pull directly onto the street during emergencies with adjacent curb cuts and traffic intersection.
- A Police Station, typically in the 2,000 square foot range for town size, would allow for the renovation of the existing Fire Station into a Police Station.

Proposed Fire to Police Renovation

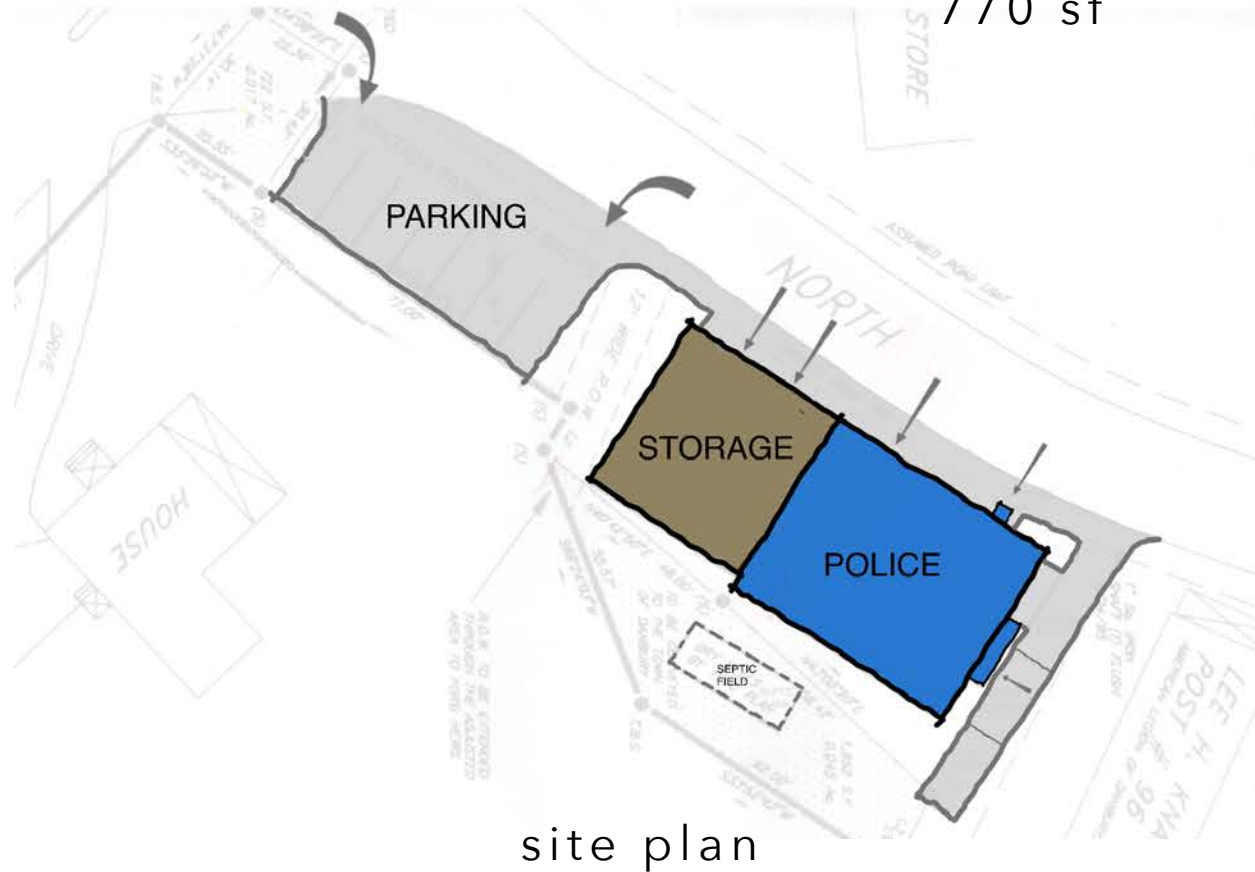


first floor
2200 sf & 1200 of storage

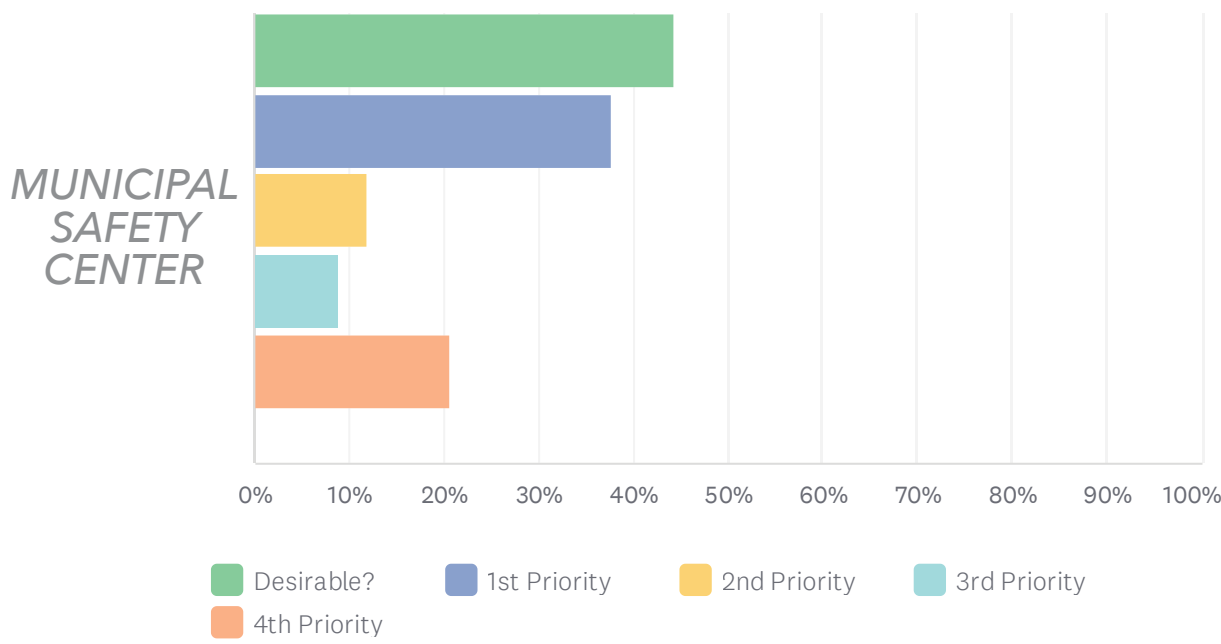
second floor
770 sf

- public areas
- police/staff only areas
- police station use areas
- town storage

- 1 entry
- 2 chief's office
- 3 admin
- 4 booking/holding
- 5 interview
- 6 staff/ officer area
- 7 kitchen
- 8 sally port
- 9 evidence and records
- 10 town storage



historic and current photographs of Danbury Volunteer Fire and Police



COMMUNITY SURVEY RESULTS:

The Master Plan results helped the committee determine the best options during this process. Out of 183 respondents, the 3rd largest percentage had a home dwelling age of 100+ years, and almost 50%, by far the largest percentage, heat with wood. What the highest percentage (26%) of people liked least about town was the lack of a full-time police department. 44% of respondents listed a 'Municipal Safety Center' for Police and Fire as a priority.

Over seven other Town Department buildings were analyzed during the feasibility process. Learning 'what to do' and 'what not to do' helped the committee determine how best to approach Danbury's public safety study.

DANBURY SAFETY STUDY OPTIONS ANALYSIS

#	DESCRIPTION	CONS	PROS	RECOMMENDED	SQUARE FOOTAGES	OPINION OF COST
1	<ul style="list-style-type: none">• Build new Fire Building on Route 104 lot.• Renovate the Fire Station into a Police Station• Re-using Police Station as office space for Town business	<ul style="list-style-type: none">• Three projects	<ul style="list-style-type: none">• Best use of town properties to provide for future needs of town which is what 82 NH Route 104 lot was planned for.• Projects can be completed comprehensively by phase.• Costs will increase in future for these projects.• Fire Station has enough space for Police Station needs.	yes	<ul style="list-style-type: none">• TOWN HALL RENO: 300 SF• FIRE STATION PARTIAL RENOVATION: 2027 SF• NEW FIRE STATION: 8700 SF	<ul style="list-style-type: none">• \$75,000• \$500,000• \$4,000,000• TOTAL: \$4,575,000
2	<ul style="list-style-type: none">• Build new Fire Building on Route 104 lot.• Add onto the existing Police Station at the Town Hall, selling or leasing Fire Station to a private entity	<ul style="list-style-type: none">• Loss of town property in downtown/ central location.• Compromises would need to be made for town hall renovation because of police needs.• All needs may not be met.	<ul style="list-style-type: none">• Police location remains the same. Cost of re-use/ renovation can be favorable.• Town could get funds from sale or lease.• Police could share training room/ EOC, two projects	no	<ul style="list-style-type: none">• TOWN HALL RENO: 1100 SF• FIRE STATION SALE OR LEASE• NEW FIRE STATION: 8700 SF	<ul style="list-style-type: none">• \$600,000• UNKNOWN• \$4,000,000• TOTAL: \$4,600,000
3	<ul style="list-style-type: none">• Build new Fire/ Police Building at 82 NH Route 104• Sell/ lease Fire Station, re-use Police Station for Town business	<ul style="list-style-type: none">• Loss of town property in downtown/ central location.• Fire needs and Police needs can differ so greatly that a shared building can add up to more square footage then comfortably fits at 82 NH Route 104• Cost	<ul style="list-style-type: none">• Two projects• Town could get funds from sale or lease.• Police could share training room/ EOC	no	<ul style="list-style-type: none">• TOWN HALL RENO: 300 SF• FIRE STATION SALE OR LEASE• NEW FIRE/ POLICE STATION: 10,000 SF	<ul style="list-style-type: none">• \$75,000• UNKNOWN• \$5,000,000• TOTAL: \$5,075,000
4	<ul style="list-style-type: none">• Build new Fire Building at 82 NH Route 104• Add onto the existing Police Station at the Town Hall• Re-use Fire Station for public building (i.e. library annex, highway dept. additional garage space, etc.)	<ul style="list-style-type: none">• Three projects• Danbury currently has most of their needs met with public and community buildings.• No future space needs met for town business.• Cost	<ul style="list-style-type: none">• Police location remains the same.• Cost of re-use/ renovation can be favorable.• Police could share training room/ EOC	no	<ul style="list-style-type: none">• TOWN HALL RENO: 1100 SF• FIRE STATION RENOVATION- NEW TOWN USE: 2000 SF• NEW FIRE STATION: 8700 SF	<ul style="list-style-type: none">• \$600,000• \$500,000• \$4,000,000• TOTAL: \$5,100,000
5	<ul style="list-style-type: none">• Build new Fire/ Police Building at 82 NH Route 104.• Re-use the Fire Station as a public building (i.e. library annex, highway dept. additional garage space, etc.)• Re-use Police Station as office space for Town business	<ul style="list-style-type: none">• Three projects• Danbury currently has most of their needs met with public and community buildings.• Fire needs and Police needs can differ so greatly that a shared building can add up to more square footage then comfortably fits on Route 104 Lot.• Cost	<ul style="list-style-type: none">• Fire and Police get new building that meets current and future needs and easily share spaces.• Costs will increase in future for these projects.	no	<ul style="list-style-type: none">• TOWN HALL RENO: 300 SF• FIRE STATION RENOVATION- NEW TOWN USE: 2000 SF• NEW FIRE/ POLICE STATION: 10,000 SF	<ul style="list-style-type: none">• \$75,000• \$500,000• \$5,000,000+• TOTAL: \$5,575,000
6	<ul style="list-style-type: none">• Renovate Fire Station to better fit needs• Renovate existing Police Station and gain space in the Town Hall	<ul style="list-style-type: none">• Not feasible because of space needs and widely varied floor heights at Fire Station.• This does not meet future space needs for any departments.• Renovation to existing historic Town Hall would further change the character of the building.• Losing more space in Town Hall not desirable.• Higher long-term costs to adapt or build new building in future.	<ul style="list-style-type: none">• Two projects• Lower initial cost	no	<ul style="list-style-type: none">• POLICE RENOVATION 870 SF• FIRE STATION RENOVATION: 4170 SF	<ul style="list-style-type: none">• \$250,000• \$1,200,000• TOTAL: \$1,450,000





Proposed Fire Station at
82 Route 104

82 NH ROUTE 104

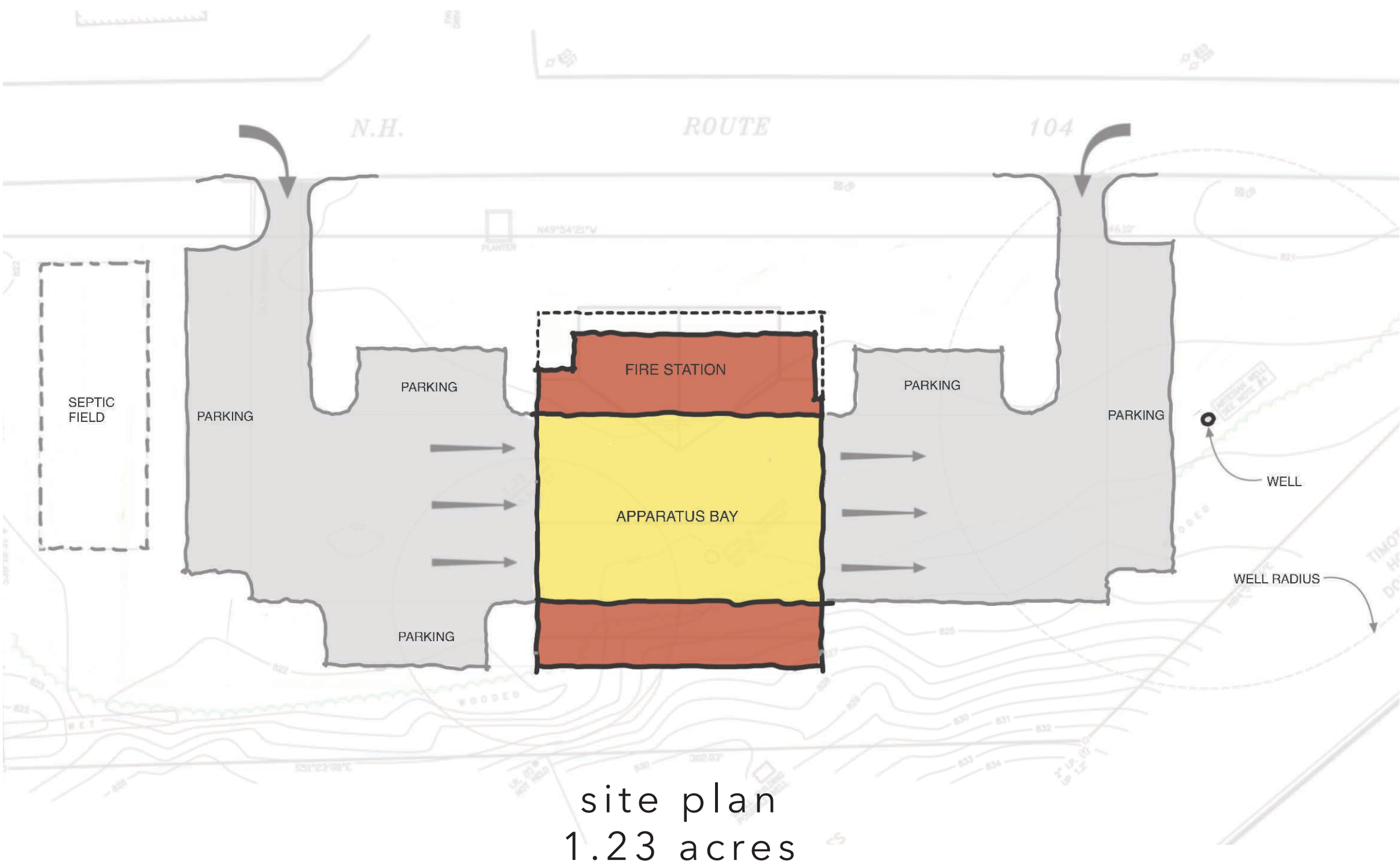
Danbury Volunteer Fire Department

History of Route 104 Lot:

The lot has been owned by the Town of Danbury for over a decade. The Volunteer Fire Department did a controlled burn training on the unsafe and rundown motel on the site, and the lot was cleared at the time, with the plan to build a new facility in the future.

Design Features:

- The proposed building is planned to serve the town for 75+ years including *energy efficiencies and low maintenance materials*.
- Apparatus bays to provide *drive-thru and back-in bays* for quick and direct access to the street, being able to maneuver fully off the street.
- Spaces adjacent to the Apparatus Bay were laid out to provide 'clean' areas, limiting exposure to cancer causing carcinogens from a fire scene.
- *Street side public entry and clear layout* to staff Offices, Public Bathrooms and the Watch Room. This room has clear sight lines to the street, driveway and Apparatus Bay.
- The shared Training Room and Kitchen will serve as a space for Emergency Operations coordination and host public fundraising events and education, easily accessible from the public street side entrance.
- Private needs of staff were separated by putting Bunk Rooms, Full Baths and a Training Area on the second floor.
- The doors to the building are under eaves to allow for better access during wet and snowy weather.

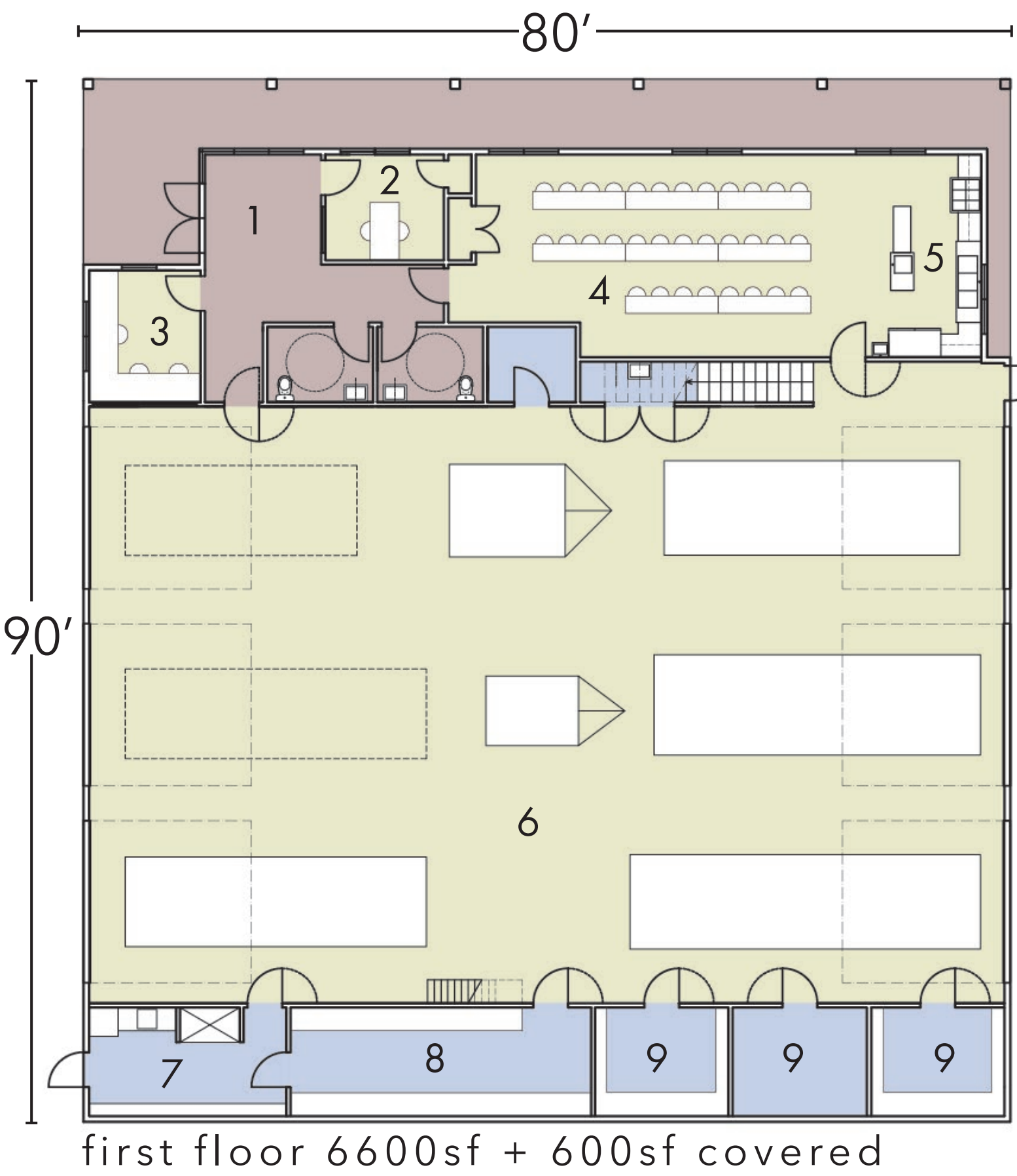


site plan
1.23 acres

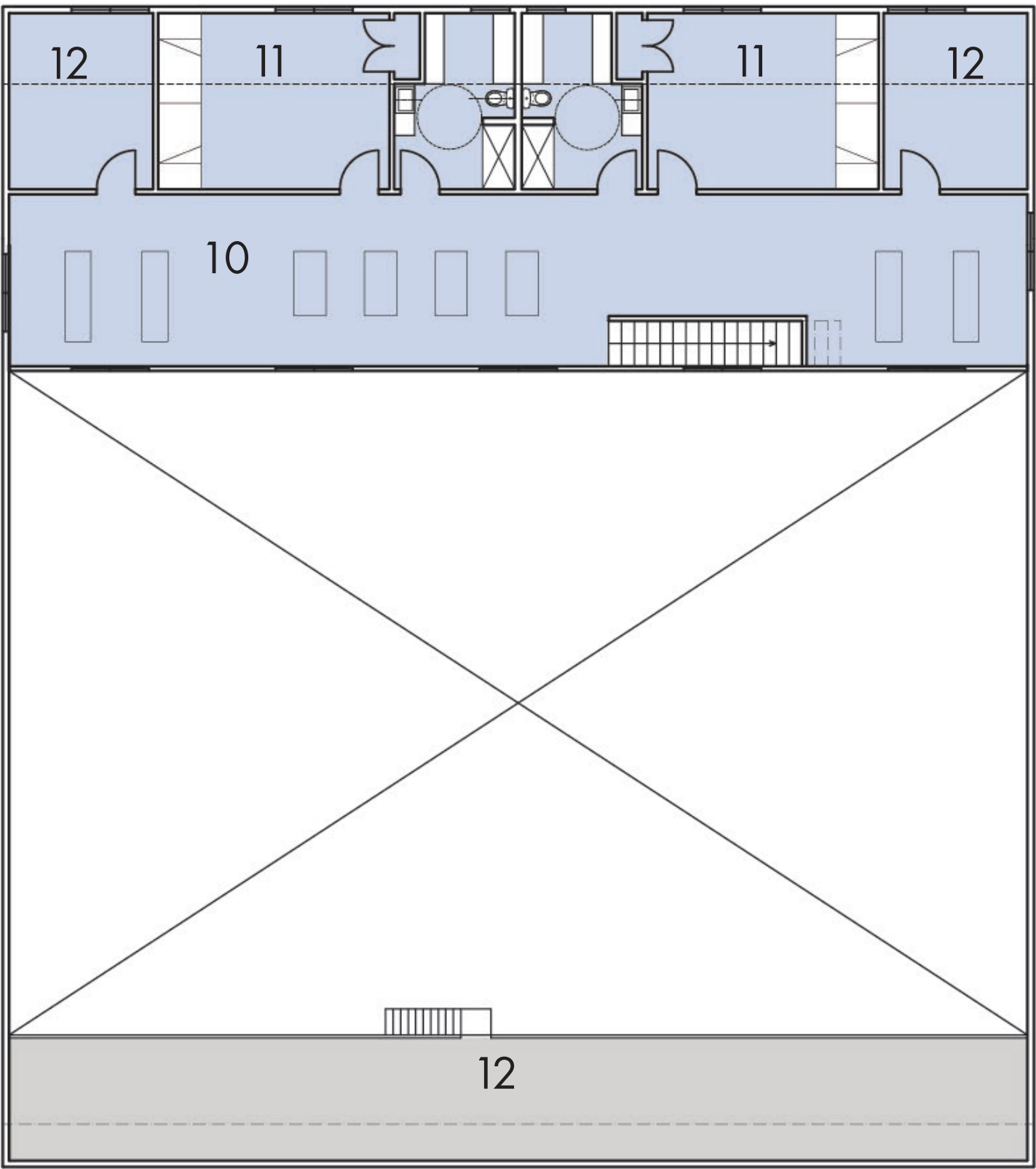
Breakdown of Project Opinion of Cost:

For 3 million dollars at 4.5% on a 20 year bond, it will add \$1.69 to the tax rate. At this time that would be \$422.50 a year to an assessed \$250,000 home.

Alternative Funding Sources: USDA - Rural Development- Community Facilities Direct Loan & Grant Program, The Fire Prevention and Safety (FP&S) Grants, Rural Preparedness Grant, Assistance to Firefighters Grants



first floor 6600sf + 600sf covered



second floor 2200sf +680 sf storage

- public areas
 - fire/dept. only areas
 - fire station use areas
 - storage
- entry
 - chief's office
 - watchroom
 - training room/EOC
 - kitchen
 - apparatus bay
 - extractor room
 - gear room
 - fire/ems/scba storage
 - training area
 - bunkrooms
 - storage

