

Harrison Fire Department

Proposed Addition and Alterations

Project Program & Scope



Building History: The original Harrison firehouse was constructed in 1930. That portion of the building has remained mostly unchanged with minor modifications. The original architectural style reflects the classical red brick monumental firehouse style of its time with ornate detailing and prominent tower. In 1979 there was a functional addition to the south side of the firehouse at which time mechanical systems of the existing building were also upgraded.

Existing Building Conditions: As with many buildings of this vintage, the facility as a whole has limited handicapped access. Mechanical systems which were last upgraded in the 1970's have lived out their useful life expectancy and require replacement. The facility has many functional deficiencies based on the changing needs of the fire department members which include the following:

- Inadequate gear area firefighter safety per OSHA with gear wash facilities and shower facilities.
- Cramped apparatus bay depths and support areas including day room, SCBA area.
- Lack of training facilities, fitness area and conference rooms for firefighter training.
- Inadequate quarters and standby areas for both paid and volunteer firefighters.
- Shortage of effective storage space.
- Offices to chief and department members to affectively carry out their duties.
- Elevator access to all levels and handicapped toilets, required per the Americans with Disabilities Act.
- Mechanical systems require upgrading and replacement.
- Radio room and communications room require upgrades for effective emergency communications.

Proposed Improvements: The Town/Village of Harrison has engaged the services of an architectural firm that has 36 years of experience specializing in the design and planning of firehouse and EMS facilities. The proposed improvements are the result of a detailed review by the town, fire department and the architects of the existing building conditions and program shortfalls.

The proposed plans were developed to satisfy program requirements in the most cost effective manner. The scope of the additions and improvements to the facility are detailed on the following diagrams.

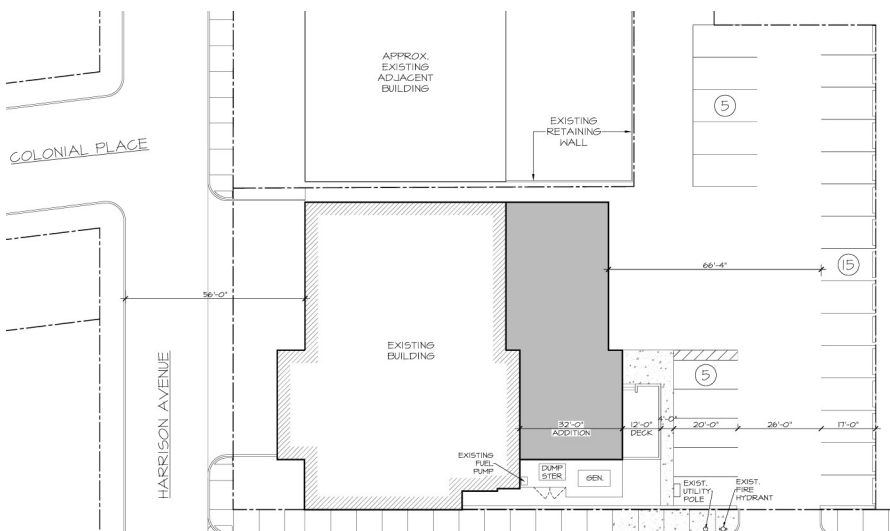
Open House Public Informational Meeting:

There will be an open house informational meeting regarding the proposed firehouse addition alteration project held on Tuesday December 8, 2020 from 7:00 to 9:00 pm. Town representatives, department officers and architects will be present to answer any questions you may have.

Project Budget: The following budget is based on current cost indexes for similar firehouse projects which require NY State mandated prevailing wage rates.

Construction Hard Cost	= \$6,675,000
Contingency Allocation	= \$1,000,000
Soft Costs	= \$ 800,000
TOTAL AMOUNT	= \$8,475,000

The tax increase for a 20 year bond will be \$8.34 per \$1,000 of assessed valuation. As an example, for a home valued at \$750,000 with an assessed valuation of 11,025, the tax increase would approximate \$91.95 per year (\$0.25 per day).



Existing building to remain with alterations
13,597 = sq. ft.

New rear addition expansion to rear of
building = 6,188 sq. ft.

Total building area after new addition
(excluding alternate basement)
= 19,785 sq. ft.

Parking entrances to be replaced and entire lot re-paved.

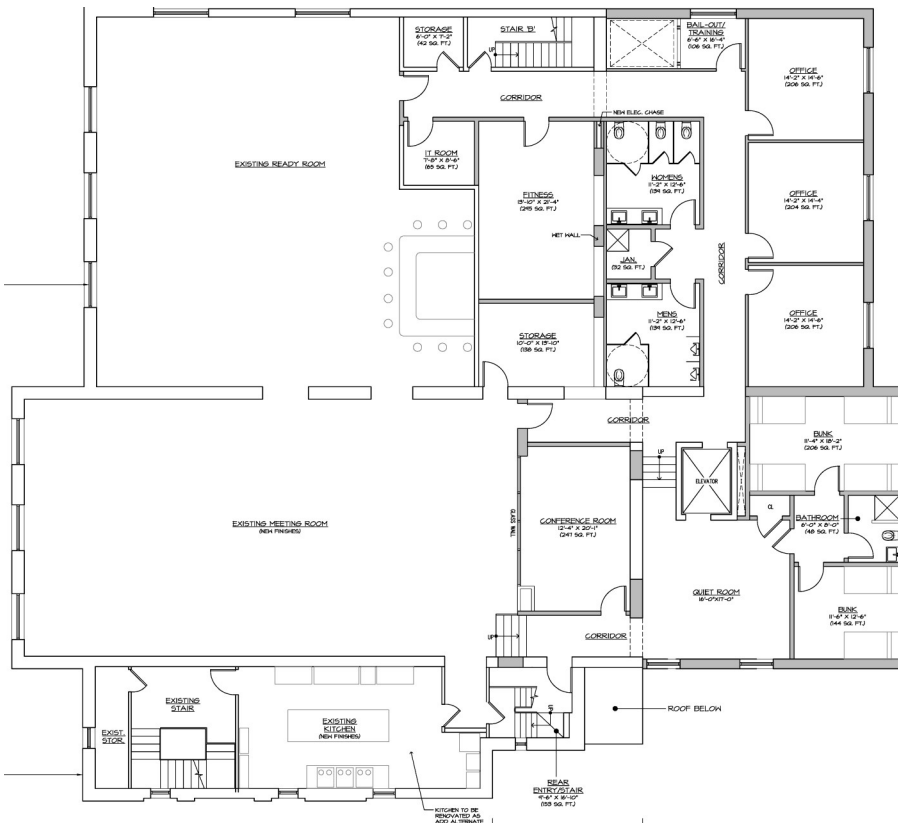
New screened dumpster and generator area

Site Plan

Harrison Fire Department

Proposed Addition and Alterations

First & Second Floor Plans



New rear addition (bottom right) includes elevator access to second floor and volunteer standby area with bunk and lounge area.

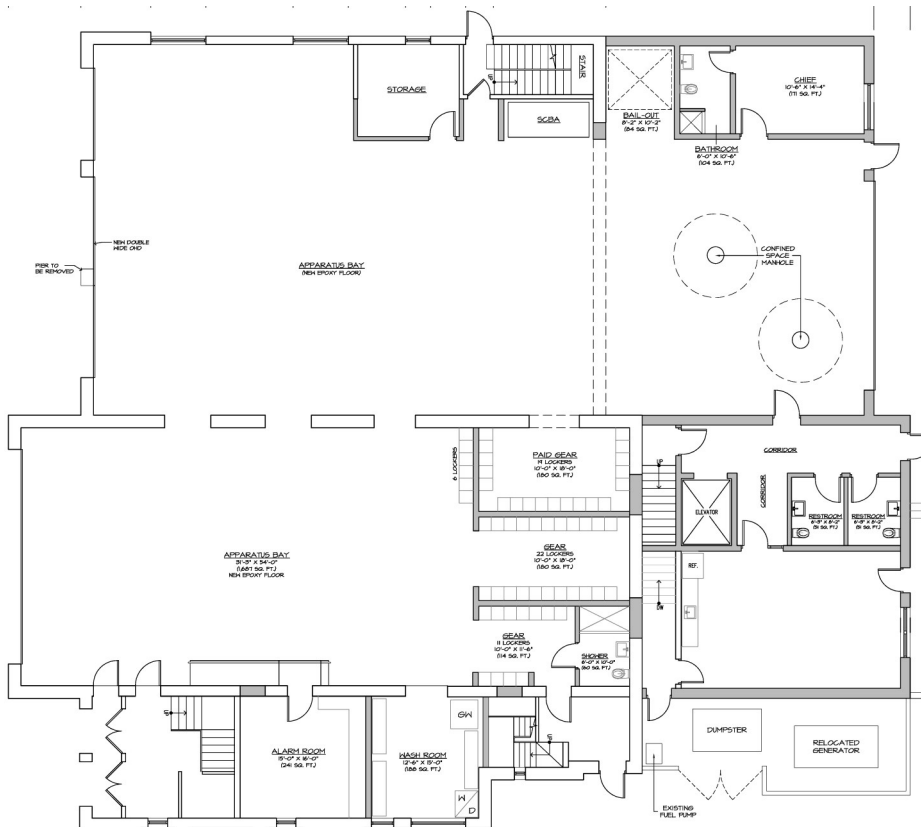
New rear addition (top right) to include new handicapped toilets, offices and training bail out area.

Existing stage area converted to conference/training classroom.

Existing toilets and office converted to storage room, fitness area and computer IT room.

New air conditioning and heating systems upgrade including viral filtering protection.

Second Floor Plan



New rear addition (bottom right) includes elevator access to all floors, day room for on duty firefighters and handicapped toilets.

New rear addition (top right) to include new bays to rear for ancillary vehicles, chiefs office and bail out training area.

Existing south (top) bay to be altered for storage room and SCBA area expanded as drive through bay to rear addition.

Existing north (bottom) bay to be altered for new gear areas per OSHA & shower.

Radio room renovated and new gear wash area added.

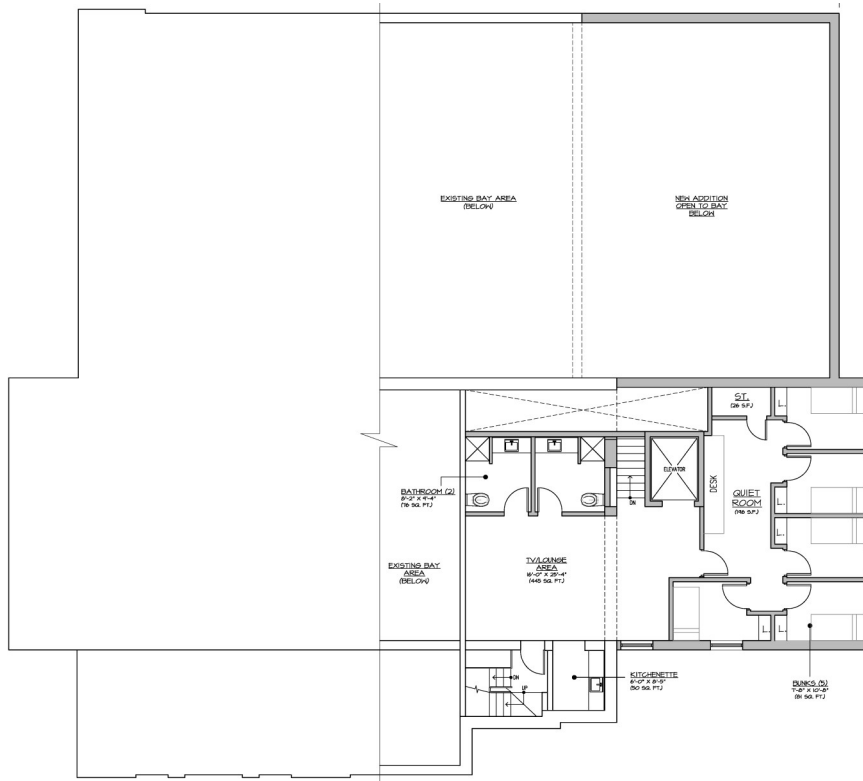
New air conditioning and heating systems upgrade including viral filtering protection.

First Floor Plan

Harrison Fire Department

Proposed Addition and Alterations

Mezzanine & Alternate Basement Plans

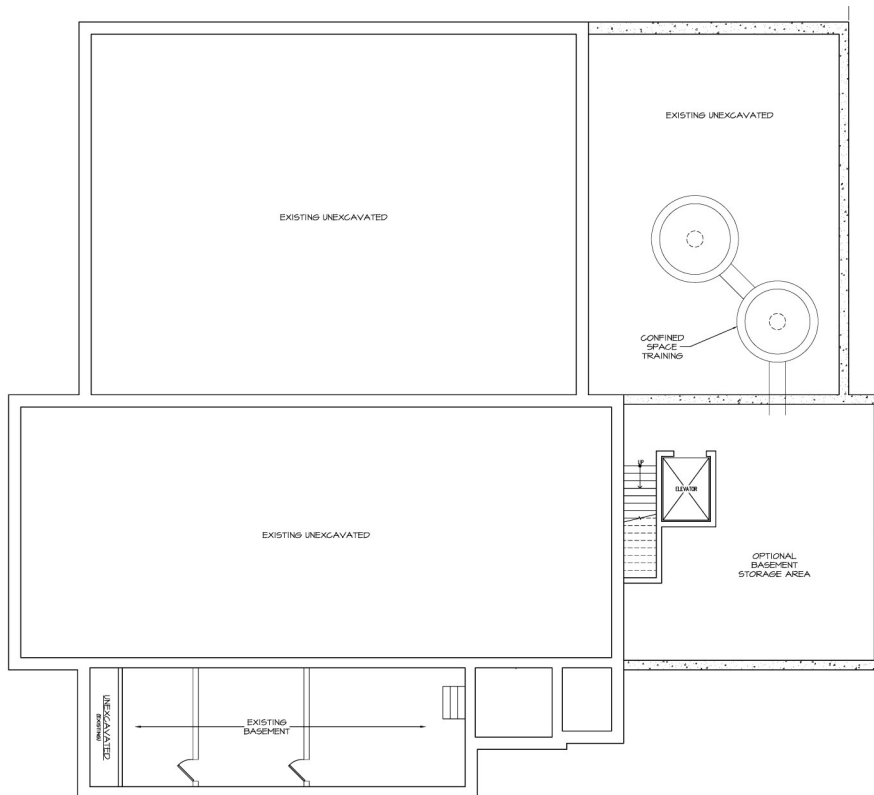


New rear addition (bottom right) includes elevator access, stair to first floor, paid firefighter quarters, lounge & toilets with showers.

This area is located above the first floor gear area and day room and below the second floor stage area and rear addition volunteer standby area.

New air conditioning and heating systems including viral filtering protection.

Mezzanine Plan



Partial basement under north west addition (bottom right) to include storage area with elevator and stair access.

Area under bay addition (top right) to Remain unexcavated with precast confined rescue training areas under bay floor slab.

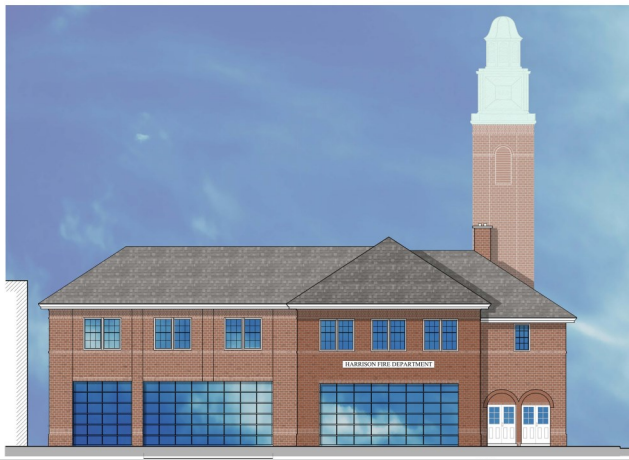
This area will be bid as an add alternate to be determined based on the bid amount .

Basement Plan

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Exterior Building Elevations



Two doors at south bay to be reconfigured as a new wider single door for better maneuverability.

Existing windows to be replaced and existing brick to be restored and re-pointed.

Existing roofs to be replaced.

East Elevation Facing Harrison Avenue



Rear (right side in rendering) to be extended outward with gable roof similar to existing.

Addition to be finished with brick to match original historic building.

Historic brick details to be matched.

Existing windows to be replaced and existing brick to be restored and re-pointed.

North Elevation Facing Freemont Street



Original northern gabled roof area to be extended outward.

1975 south addition to be extended outward with shingle roof similar to existing.

Entire elevation to be finished with brick to match original historic building.

Historic brick details to be matched.

West Elevation Facing Rear Parking Lot