

MCKOWNVILLE FIRE DEPARTMENT

ALBANY COUNTY, NEW YORK

FIRE DEPARTMENT SECOND STORY ADDITION AND RENOVATION

PUBLIC INFORMATION MEETING

OCTOBER 4, 2016

EXISTING FIREHOUSE CONDITIONS

AGE OF FACILITIES:	49 Years
TOTAL SQUARE FOOTAGE:	6,338
NYS BUILDING CODE (ENERGY/FIRE) COMPLIANT:	No
ADA COMPLIANT:	No

FINANCIAL FACTS

BUDGET:	\$3,231,000 All Costs Included
FINANCING:	4% interest for 25 years
ANNUAL DEBT PAYMENT:	\$202,692.00
2016 TOTAL ASSESSED VALUE (AV):	\$231,025,565.00
2016 TAXABLE PARCELS:	962
2016 ANNUAL COST TO AVG. RESIDENTIAL PARCEL:	\$136.58
ANNUAL DEBT SERVICE/\$1000 AV:	\$0.89

McKOWNVILLE FIRE DEPARTMENT

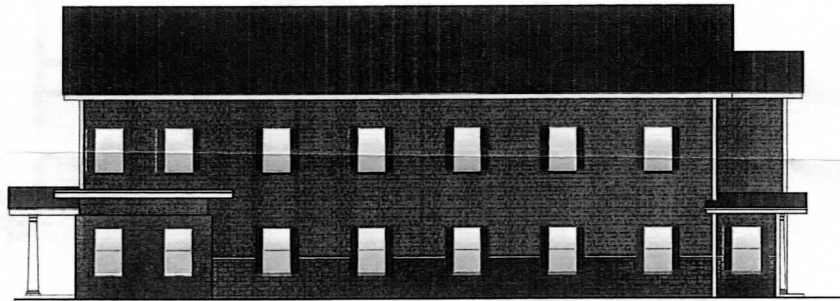
ADDITION/RENOVATION

\$3,231,000 BUDGET

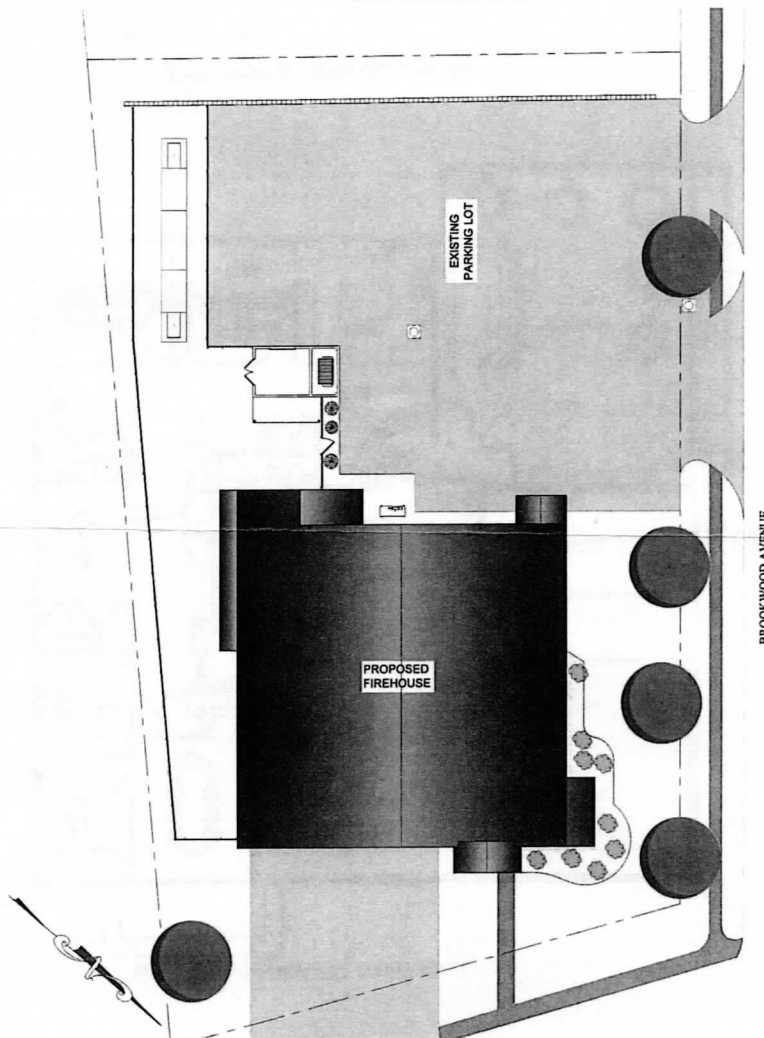
- ❖ 6,338 SF existing facility to be expanded vertically to include an additional 6,600 SF. Total square footage of 12,938 SF
- ❖ Type IV (essential) community structure meeting snow, wind, collateral and earthquake load requirements while utilizing the entirety of the existing structure with minimal changes to the buildings footprint
- ❖ Updated heating and cooling system to more efficiently climate control the firehouse
- ❖ All colors and finishes to be cool and reflective for improved visibility; Fluorescent and LED lighting for high visibility and low energy use
- ❖ Galvanized rigid and EMT conduit electrical system for safety and higher electrical classifications with THHN wiring
- ❖ All partitions will be of non-combustible metal stud construction
- ❖ Building façade will utilize materials consistent with the surrounding community
- ❖ Parking area lighting will be improved and upgraded to efficient downcast fixtures
- ❖ Additional training space will be provided to allow firefighters to improve their skills
- ❖ An elevator will be constructed to provide ADA compliant access to all areas of the building, in addition ADA compliant bathrooms will be provided
- ❖ A fire suppression system will be installed throughout the entire building to local and NFPA standards
- ❖ The existing truck room will be renovated to improve the safety of firefighters as they respond to calls. This area will also house additional safety equipment as required by OSHA
- ❖ The truck room will be expanded to allow for the storage of more modern firefighting apparatus in the future
- ❖ Expected useful life of the building post upgrade is fifty plus years
- ❖ Building space will be a Red Cross compliant shelter
- ❖ Ongoing coordination with NYSDOT to provide a crosswalk and signal adjacent to the firehouse.



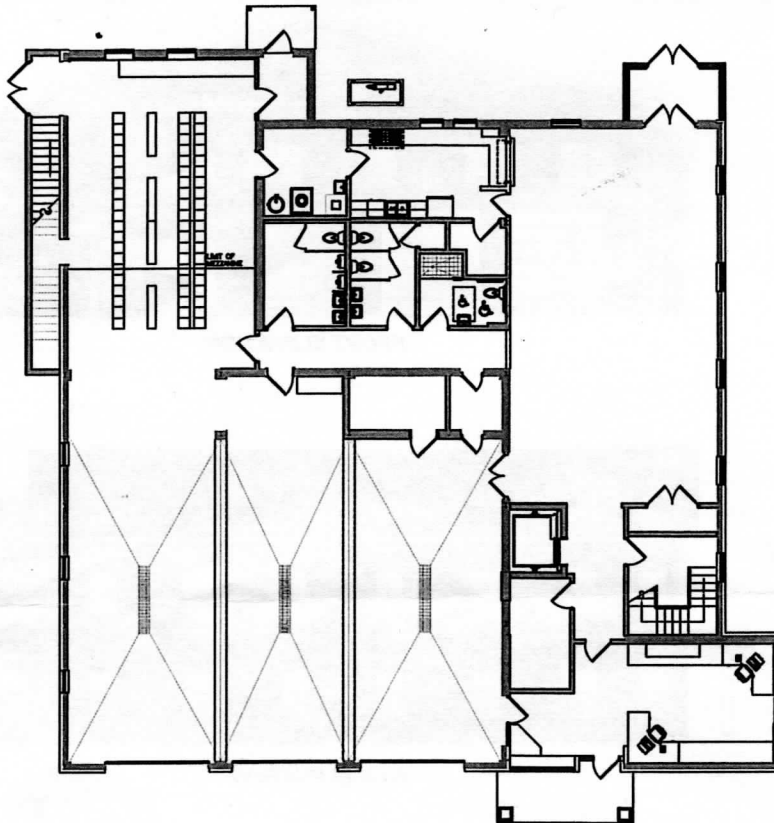
FRONT ELEVATION



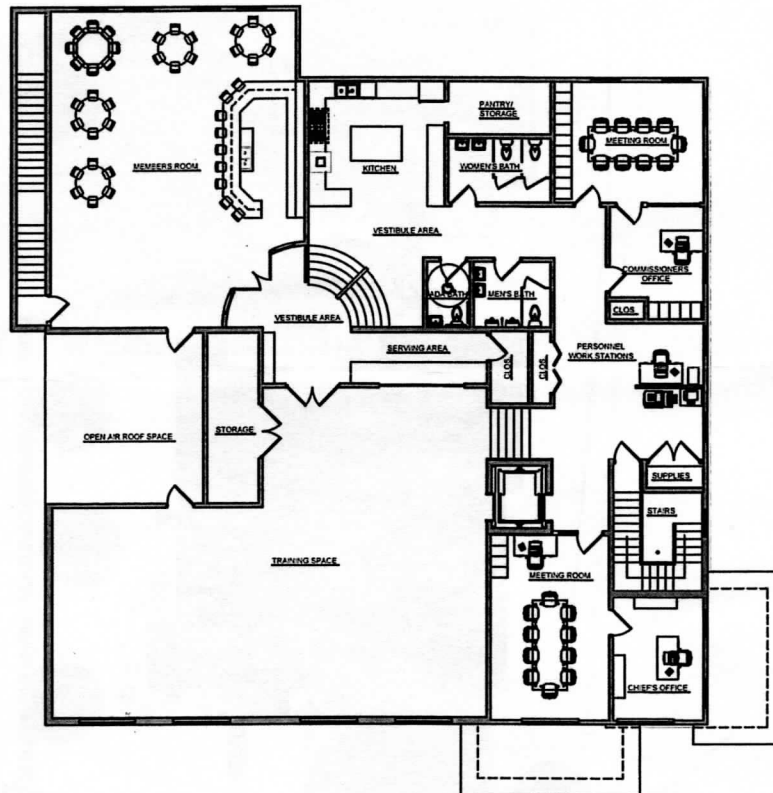
SIDE ELEVATION



McKOWNVILLE FIRE DEPT. ADDITION/ RENOVATION



PROPOSED FIRST FLOOR PLAN



PROPOSED SECOND FLOOR PLAN

McKOWNVILLE FIRE DEPT. ADDITION/ RENOVATION



**DELAWARE
ENGINEERING, D.P.C.**
CIVIL AND ENVIRONMENTAL ENGINEERING
8-12 DIETZ STREET, SUITE 303, ONEONTA, NY 13520 - 607-432-8073
28 MADISON AVENUE, EXTENSION, ALBANY, NY 12203 - 518-452-1299
8 TOWNSEND STREET, WALTON, NY 13554 - 607-669-9234