

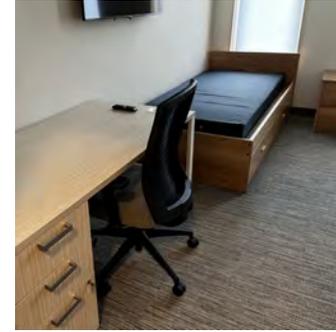


NEW FIRE STATION
NORTHBOROUGH, MA

JANUARY 17, 2024

AGENDA – COMMUNITY SESSION #2

- Previous Meetings
 - Community Session #1: “Post It” Activity + Discussion
 - Selectboard Meeting: Process Update
 - Joint Listening Session: Process, Precedence + Discussion
 - Committee Meetings: Design Updates
- Design Process
- Concept Development to Date
- Next Steps



DESIGN PROCESS

- How we approach solving the Fire Department design problem
 - Develop program that reflects operational needs of the Fire Department
 - Study context: Neighboring buildings + town buildings; look at other precedent buildings
 - Develop plans to support FD operations + then building forms that match those needs
 - Review building materials for longevity + look at sustainability perspectives
- We do not recommend materials or elements that do not support building use
- We design for the unified whole - taking into account operations + layout, user needs + comforts, aesthetic expectations, energy consumption + costs



NORTHBOROUGH BUILDINGS: INDUSTRIAL + COMMERCIAL



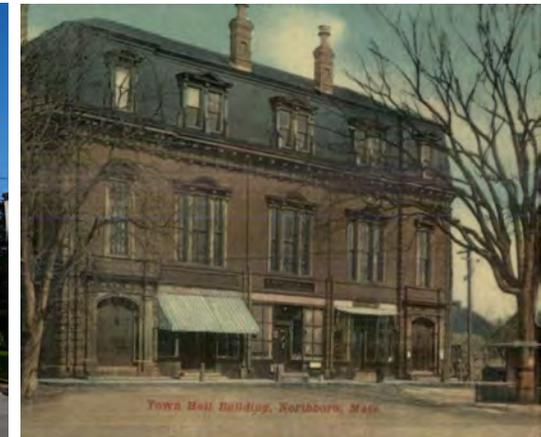
NORTHBOROUGH TOWN BUILDINGS: NORTHBOROUGH FREE LIBRARY, TOWN OFFICES



NORTHBOROUGH TOWN BUILDINGS: SENIOR CENTER, POLICE DEPARTMENT, SCHOOLS



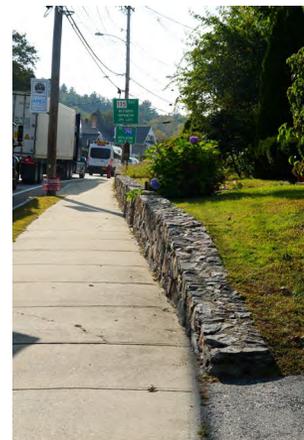
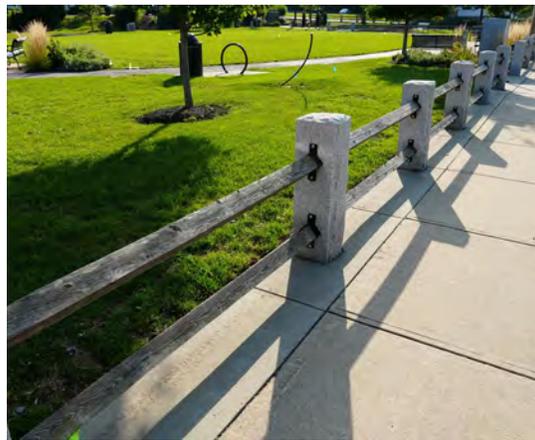
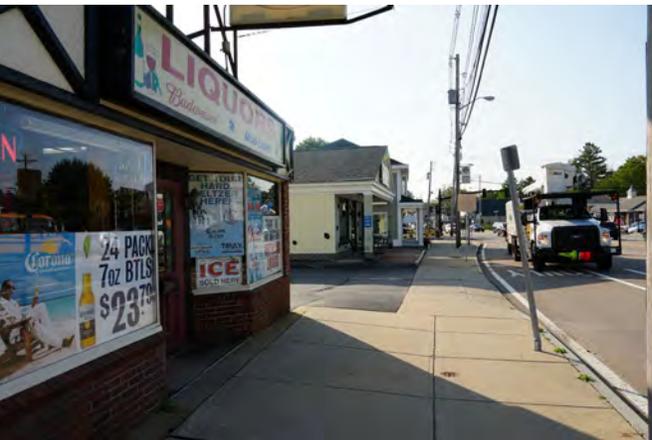
NORTHBOROUGH TOWN BUILDINGS: TOWN FIRE STATIONS, OLD TOWN HALL



OTHER NORTHBOROUGH STRUCTURES OF NOTE: CHURCHES + MONUMENTS, AQUEDUCT

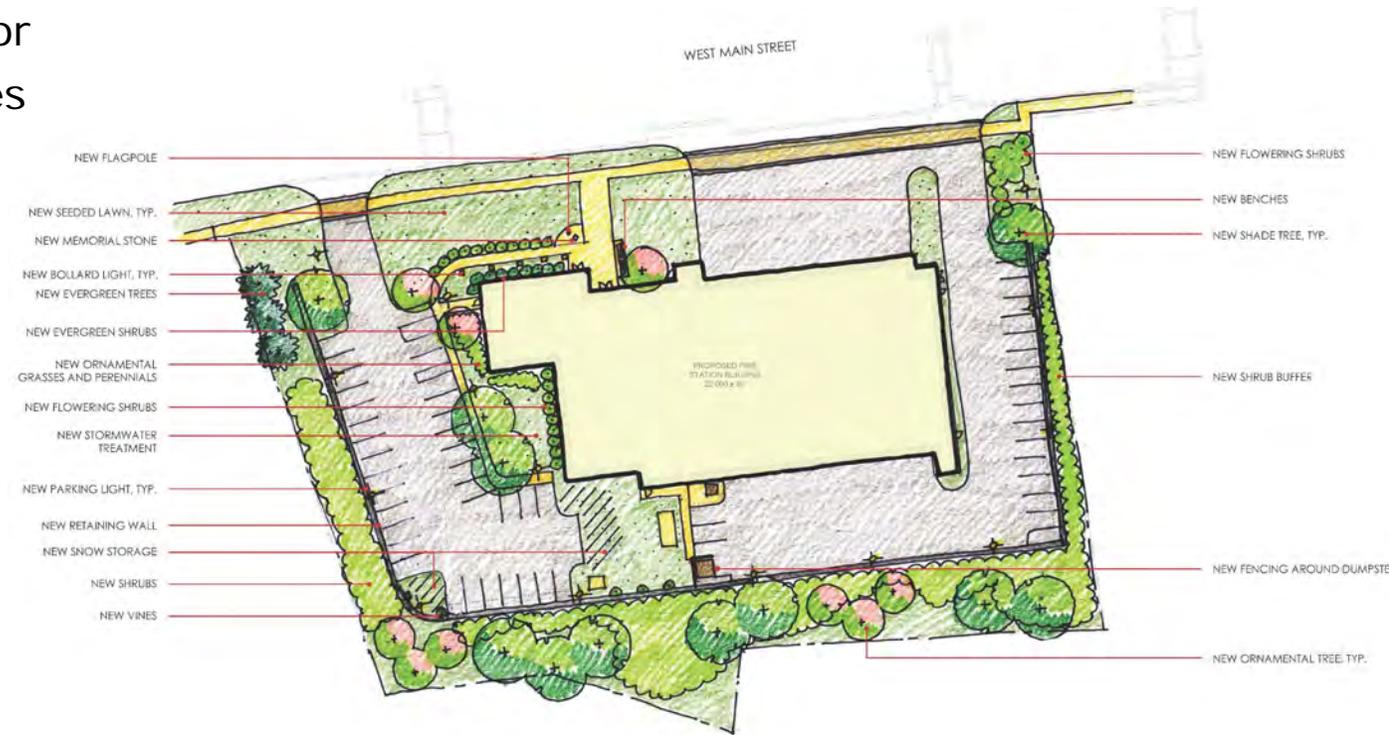


EXISTING DOWNTOWN STREETScape



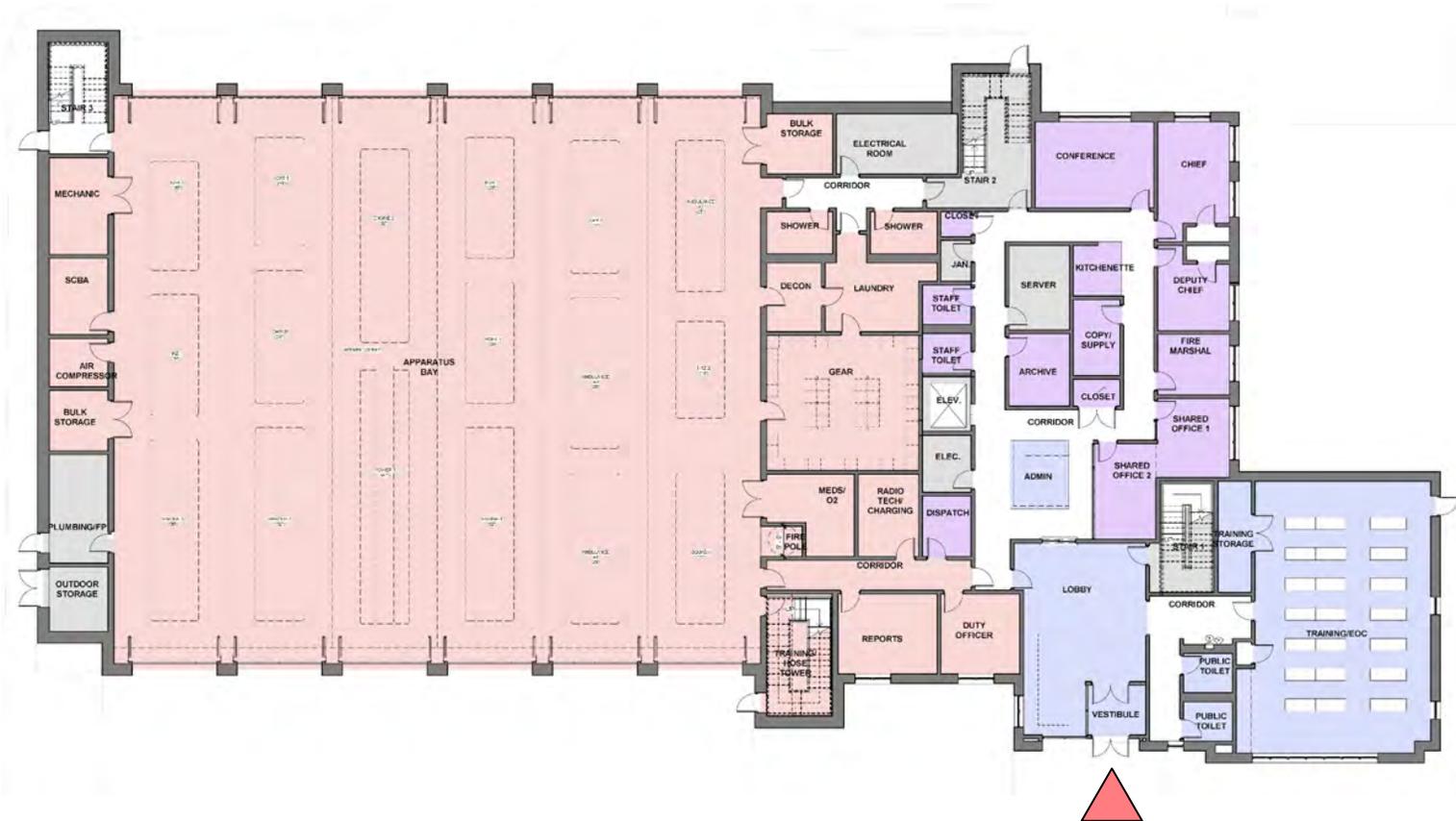
PREFERRED PLACEMENT OF BUILDING + PARKING TO SUPPORT OPERATIONS – OPTION 2a

- Site requirements
 - Separate parking to promote safety for public parking + movement of vehicles
 - Parking: 23 staff east of apparatus + 30 guest on west side
 - Retaining wall to contain hillside
 - Planting opportunities that promote safety
- Requirements to support operations
 - Apparatus bay depth + aprons to accommodate vehicles + turning requirements
 - Clear + best line-of-sight



SCHEMATIC DESIGN - OPTION 2A LEVEL 1

- Entry faces West Main St.
- 6 Bay Apparatus with doors facing north + south
- Operations support spaces primarily located between apparatus floor + administrative offices
- Plumbing/fire protection + electrical located on outside walls along south + east
- Administrative areas on entry level along with Training Room / EOC / Community Use Space



SCHEMATIC DESIGN - OPTION 2A LEVEL 2

- Dorm spaces on north side with access to 2 stairs + 1 slide pole
- Day room + kitchen located on west + south side with outdoor area
- Fitness area located on southwest side
- Remainder of spaces used for mechanical/electrical



FIRE STATION NEIGHBORING SITES + BUSINESSES



TOWN BUILDINGS



Free Library

Old Town Hall

CVS

Bank

Proposed Fire Station

Commercial

SCHEMATIC DESIGN – PLAN OPTION 2a – NORTH ELEVATION “K”



SCHEMATIC DESIGN – PLAN OPTION 2a – NORTHEAST ELEVATION “K”



SCHEMATIC DESIGN – PLAN OPTION 2a – NORTHWEST ELEVATION “K”



SCHEMATIC DESIGN – PLAN OPTION 2a – WEST ELEVATION “K”



SCHEMATIC DESIGN – PLAN OPTION 2a – SOUTHWEST ELEVATION “K”



SCHEMATIC DESIGN – PLAN OPTION 2a – EAST ELEVATION “K”



SCHEMATIC DESIGN – PLAN OPTION 2a – SOUTH ELEVATION “K”



SCHEMATIC DESIGN – PLAN OPTION 2a – SOUTHEAST ELEVATION “K”



NEXT STEPS

- Design Review Meeting: January 25th
- Ongoing Committee Meetings
- Preparation of Design Development Documents
- Design Review Meeting continuation
- Planning Board
- Zoning Board
- Community Information Meeting #3



THANK YOU

