

Design Services & Site Evaluation

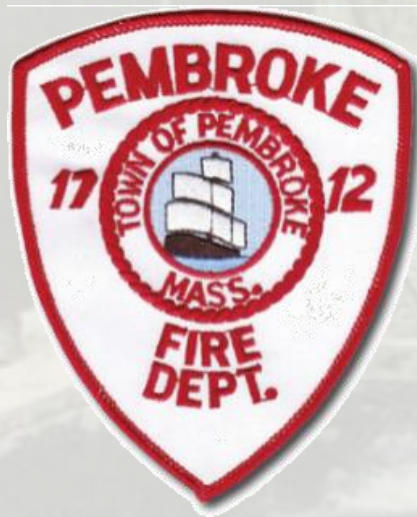
PEMBROKE POLICE STATION & FIRE HEADQUARTERS

Pembroke, Massachusetts
October 24, 2017



Herring Run, Pembroke, Mass.

PEMBROKE FIRE DEPARTMENT



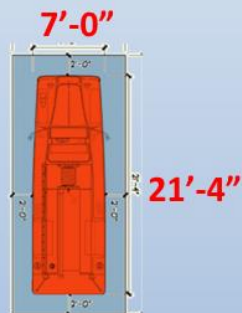


SIZE EVOLUTION OF FIRE EQUIPMENT

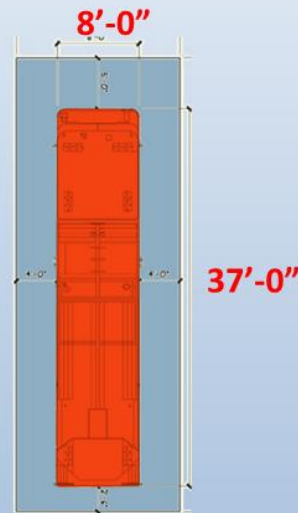
Comparing the Program Existing v. Proposed

The Overwhelming Growth Factor Impacting
Fire Station Design ?

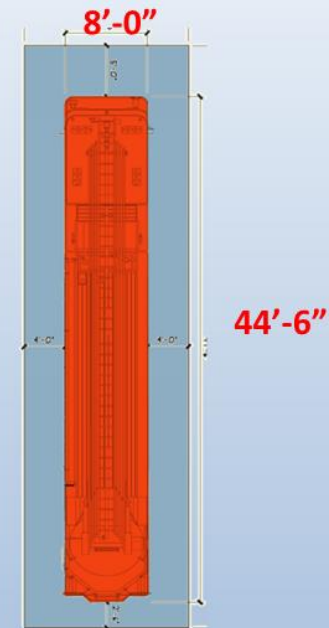
Apparatus Size :



1950's
Engine
279 sq ft



Modern
Engine
712 sq ft



Modern
Ladder
912 sq ft



FIRE DEPARTMENT MISSION – THEN & NOW

Firemen responded to: **structural / brush fires**

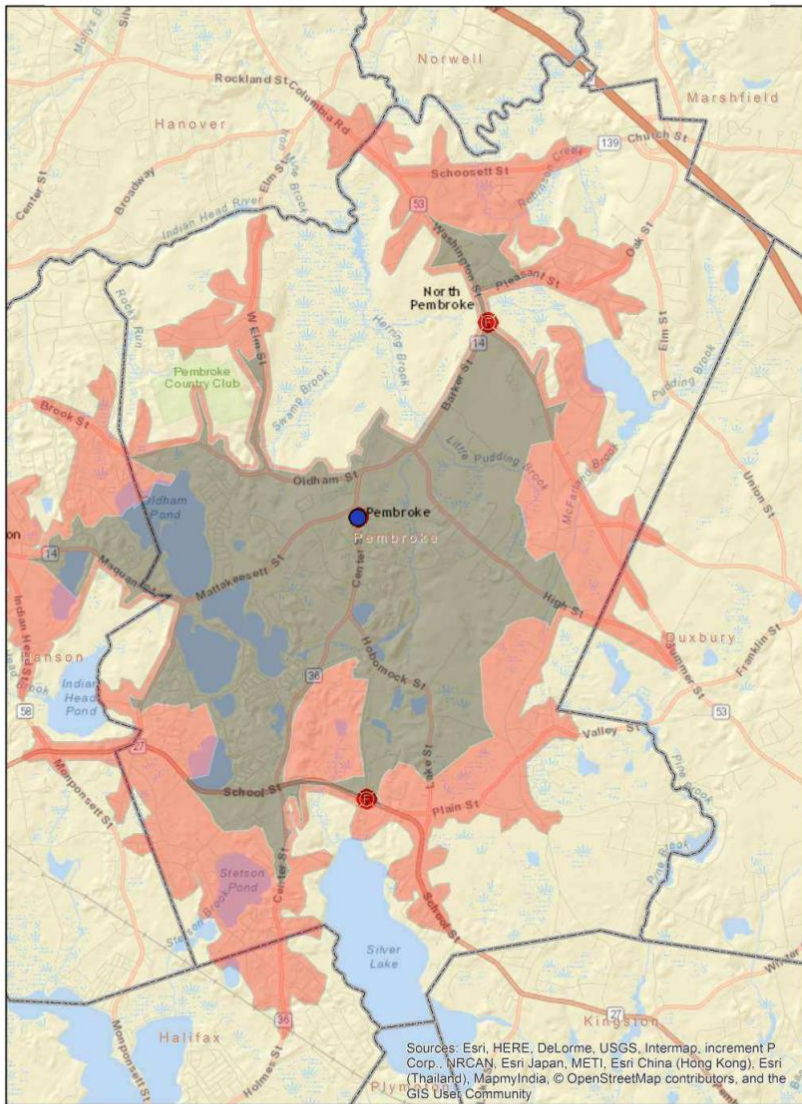
1976: **1,166 calls** **15 Full-Time Firefighters**



FIRE DEPARTMENT MISSION – THEN & NOW

Firemen respond to: **structural / brush fires, medical emergencies, accident extracts, rescues**
2016: **3,073 calls** **26 Full-Time Firefighters**

Existing Fire Headquarters - Travel Time Map Pembroke, MA



- Start
- Fire Stations
- 5 minutes travel
- Town Limits
- 7 minutes travel



MANITOU
INCORPORATED

0 0.5 1 Miles

EXISTING TIME RESPONSE



EXISTING FIRE STATION DEFICIENCIES

KAESTLE BOOS
associates, inc



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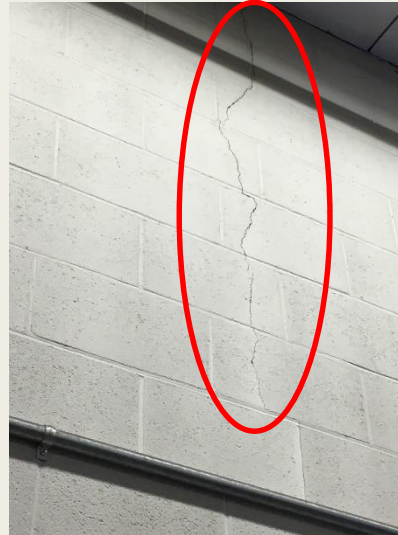


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- Firefighters breathing safety
- Building doesn't address the prevention of spreading communicable diseases



No Structural Reinforcement. Does not meet current codes for critical operations buildings.



EXISTING FIRE STATION DEFICIENCIES EXISTING FLOOR PLANS

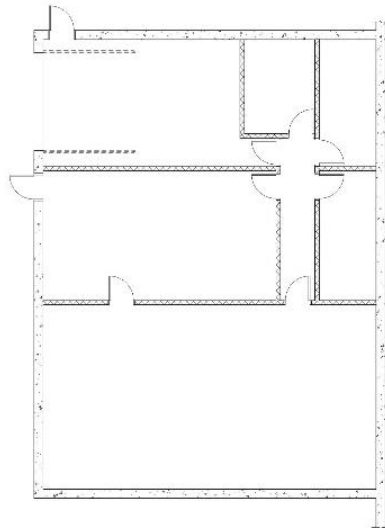
KAESTLE BOOS
associates, inc



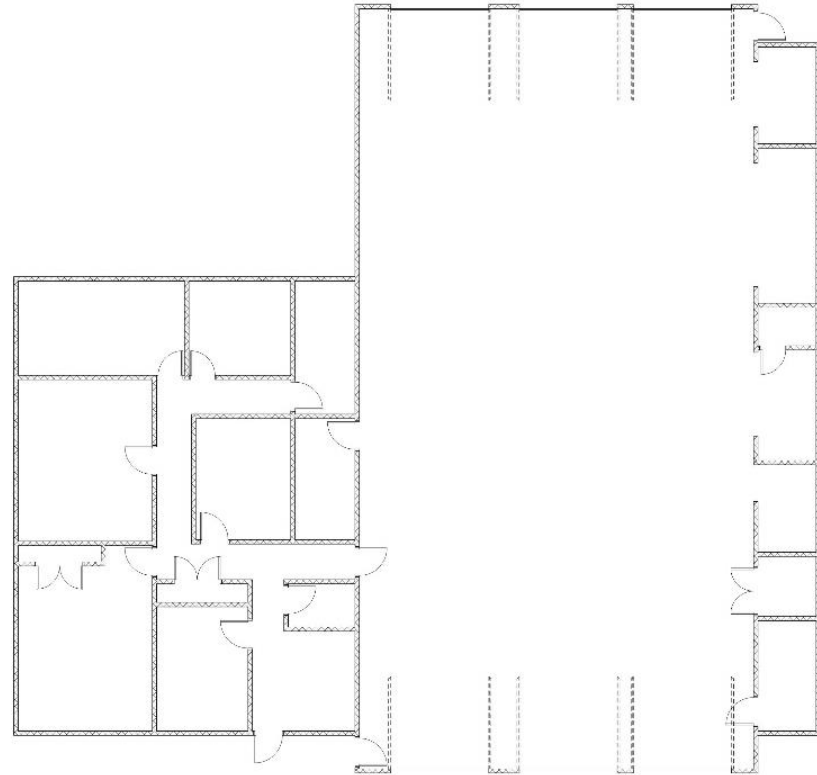
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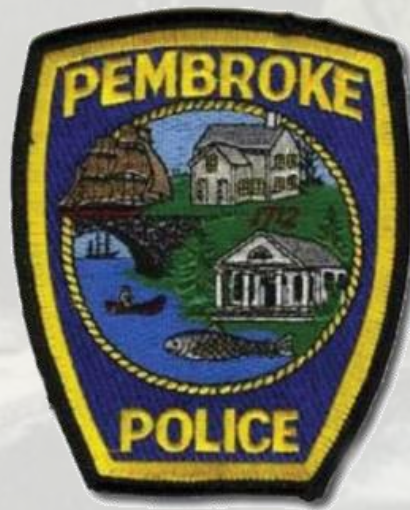
BASEMENT PLAN



FIRST FLOOR PLAN

Herring Run, Pembroke, Mass.

PEMBROKE POLICE DEPARTMENT





POLICE DEPARTMENT – CHANGE IN FORCE

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1977

- Population: 12,775
- 21 Full-Time Officers
- 2 Civilian Employees
- 8,056 Calls

2016

- Population: 19,352
- 29 Full-Time Officers (plan for 36 in 3 years)
- 21 Special Officers & 5 Permanent Intermittent Officers
- 14,567 Calls



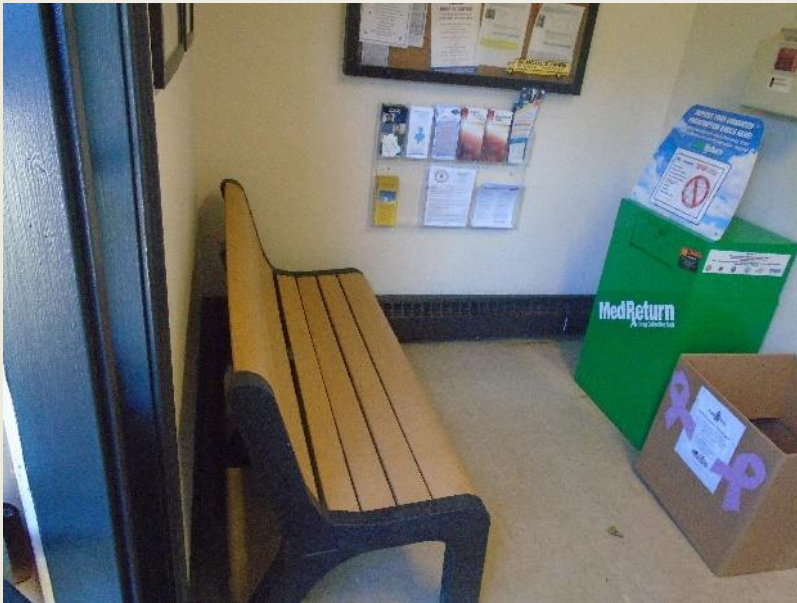


EXISTING BUILDING DEFICIENCIES

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Public Interaction



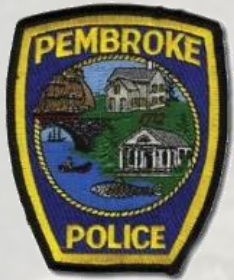
Privacy Issues



Officer Safety



Herring Run, Pembroke, Mass.



PROPOSED SOLUTIONS





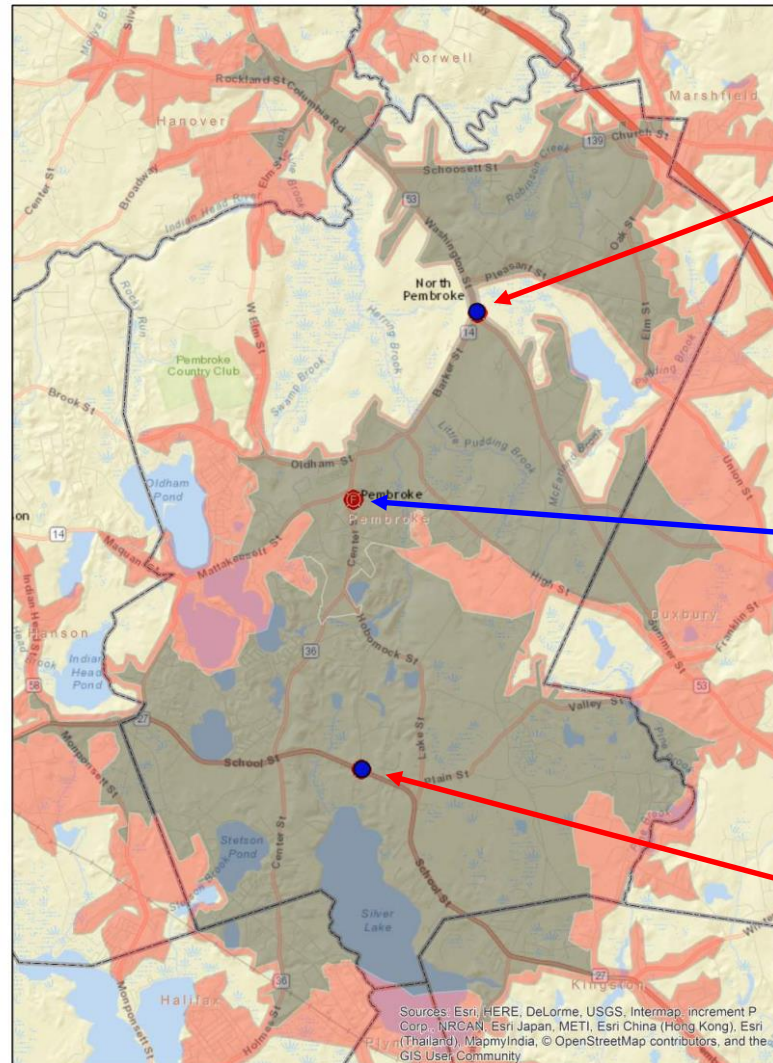
PROPOSED TIME RESPONSE – 2 STATIONS

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BETTER
TOWN
COVERAGE

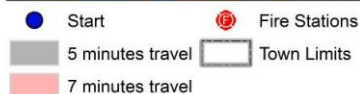
Fire Headquarters and Sub-station - Travel Time Map
Pembroke, MA



Proposed Fire
Headquarters

Proposed Police
Station

Proposed Fire
Station #2





PROPOSED FIRE HEADQUARTERS - SITE

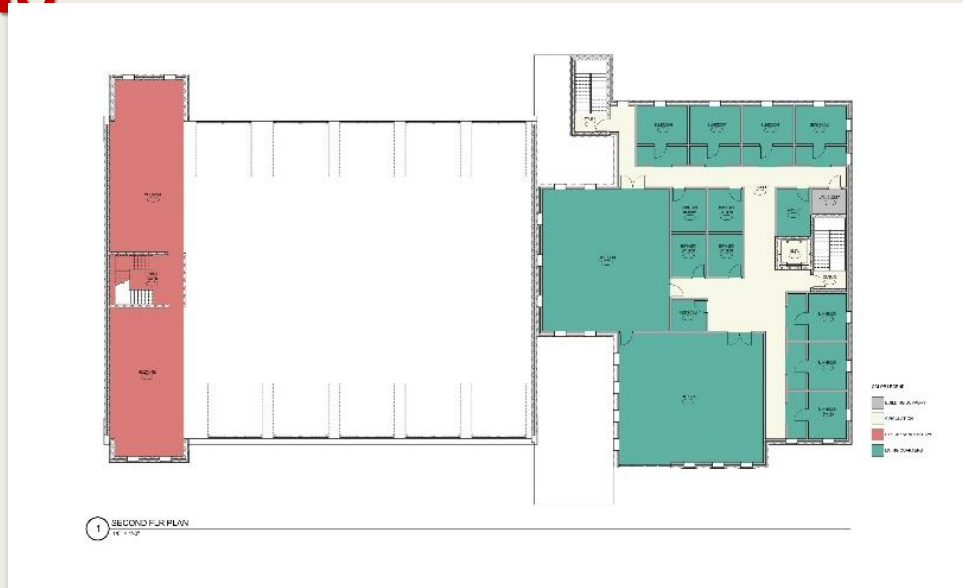
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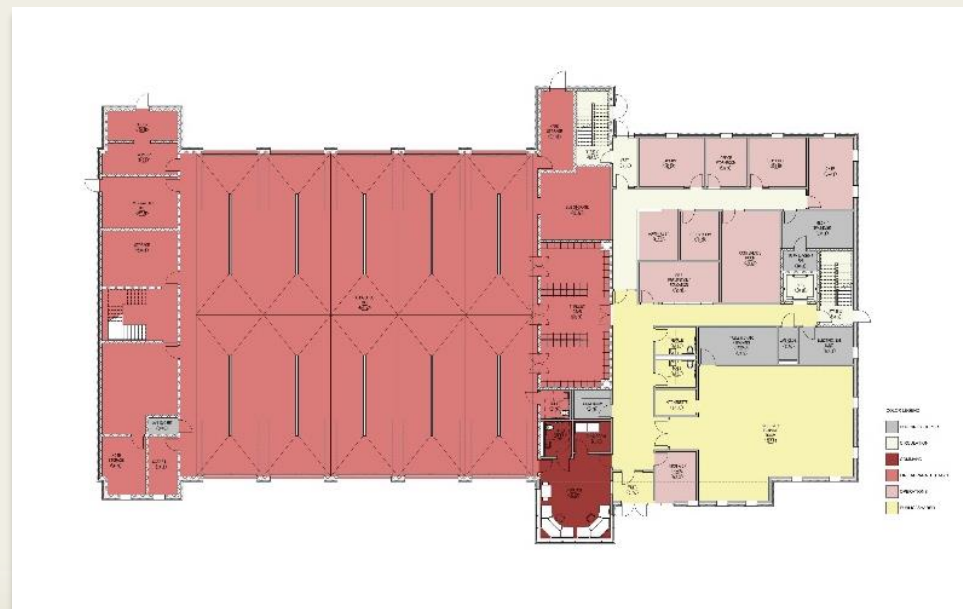


PROPOSED FIRE HEADQUARTERS - PLANS

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Second Floor Plan

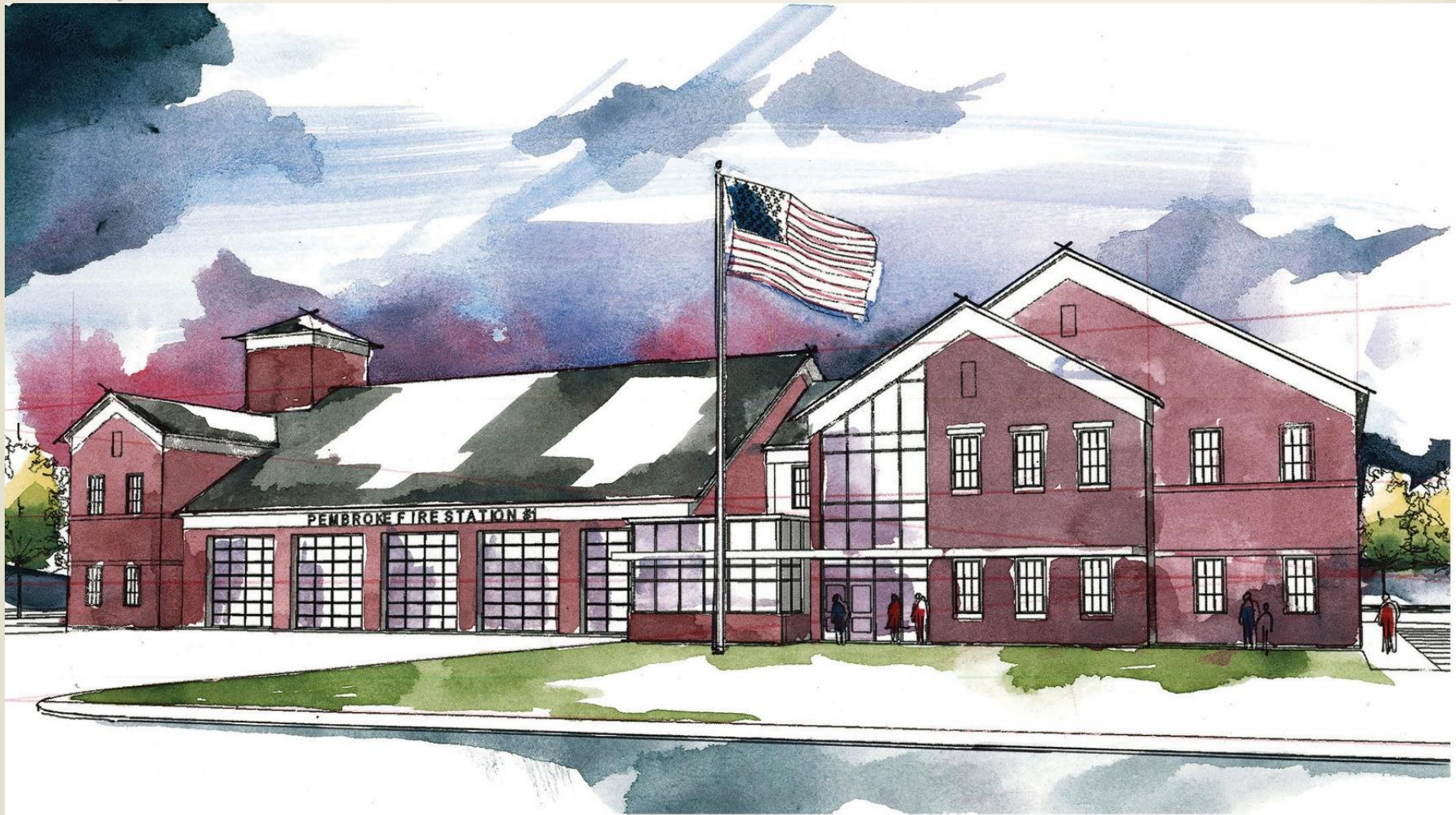


First Floor Plan



PROPOSED FIRE HEADQUARTERS - RENDERING

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associates, inc



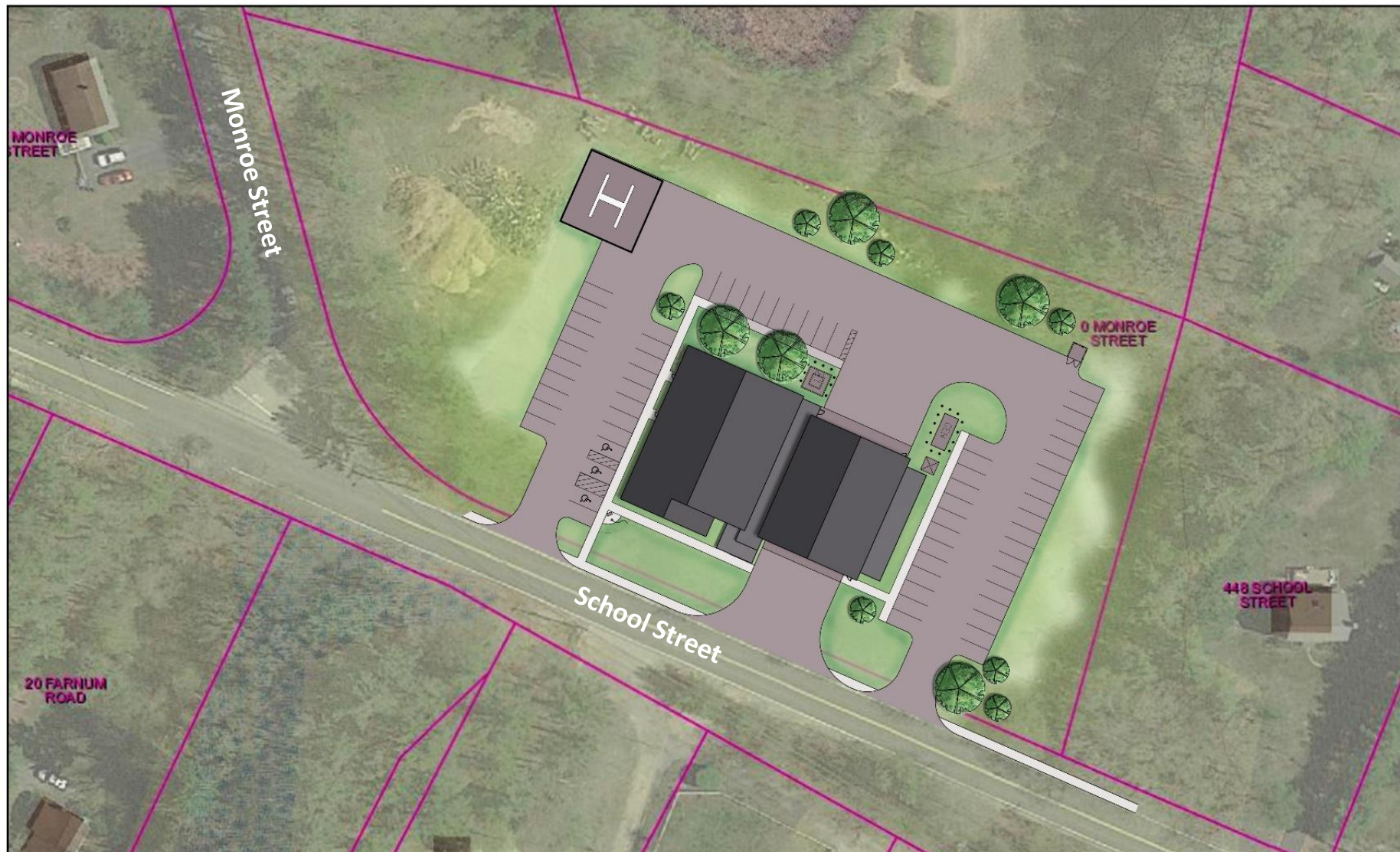
PEMBROKE FIRE HEADQUARTERS

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PROPOSED FIRE STATION #2 - SITE

KAESTLE BOOS
associates, inc





PROPOSED FIRE STATION #2 - PLAN

KAESTLE BOOS
associates, inc

MA MITCHELL
ASSOCIATES
ARCHITECTS
FIRESTATION
CONSULTANT





PROPOSED FIRE STATION #2 - RENDERING

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PEMBROKE FIRE STATION #2

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PROPOSED POLICE STATION - SITE

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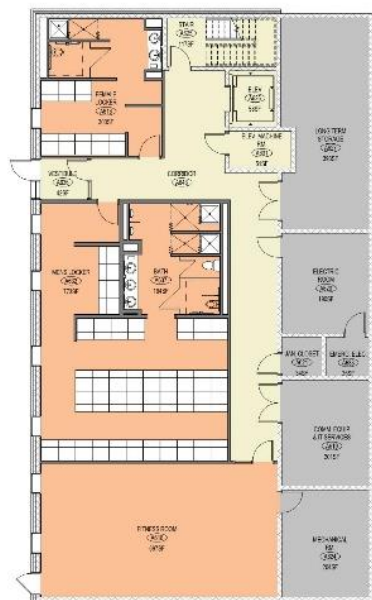




PROPOSED POLICE STATION - PLANS

KAESTLE BOOS
associates, inc

MA MITCHELL
ASSOCIATES
ARCHITECTS
FIREARM
CONSULTANT



2 LOWER LEVEL PLAN

1/8" = 1'-0"



1 UPPER LEVEL PLAN

1/8" = 1'-0"

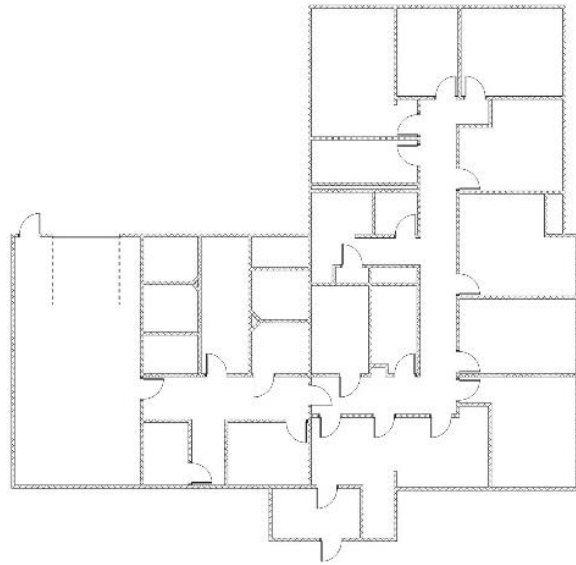


PROPOSED POLICE STATION

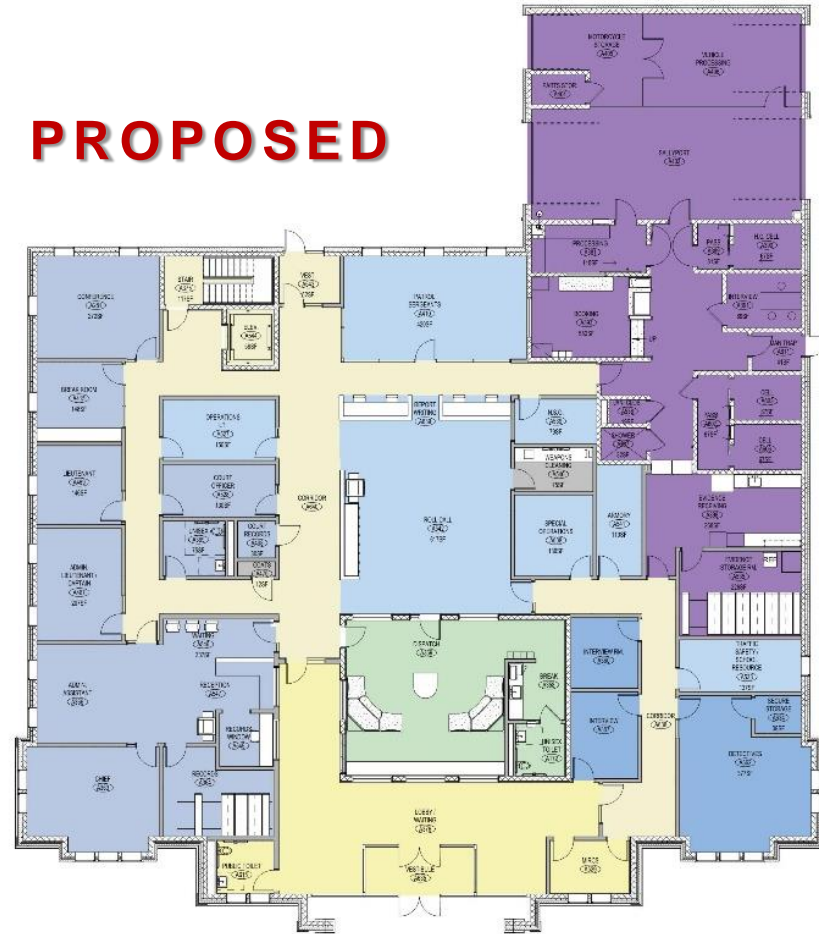
KAESTLE BOOS
associates, inc

MA MITCHELL
ASSOCIATES
ARCHITECTS
FIRE/PAVILION
CONSULTANTS

CURRENT vs. PROPOSED



EXISTING POLICE STATION SIZE

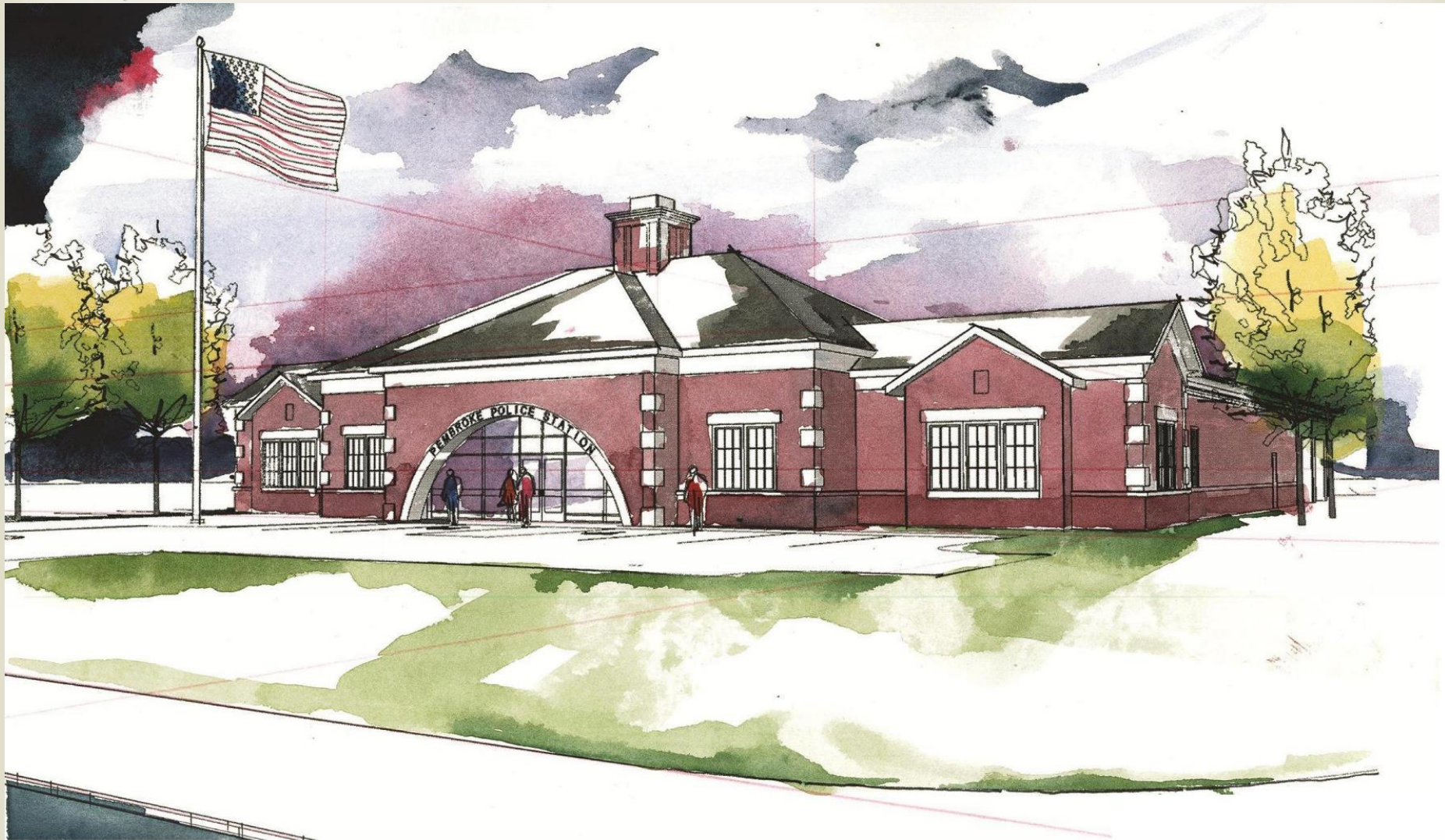


PROPOSED POLICE STATION SIZE



PROPOSED POLICE STATION - PLANS

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associates, inc



KAESTLE BOOS
associates, inc

HISTORIC LANDMARK
OF
PEMBROKE HERRING RUN
SINCE COLONIAL DAYS

THANK YOU

PEMBROKE RESIDENTS!

