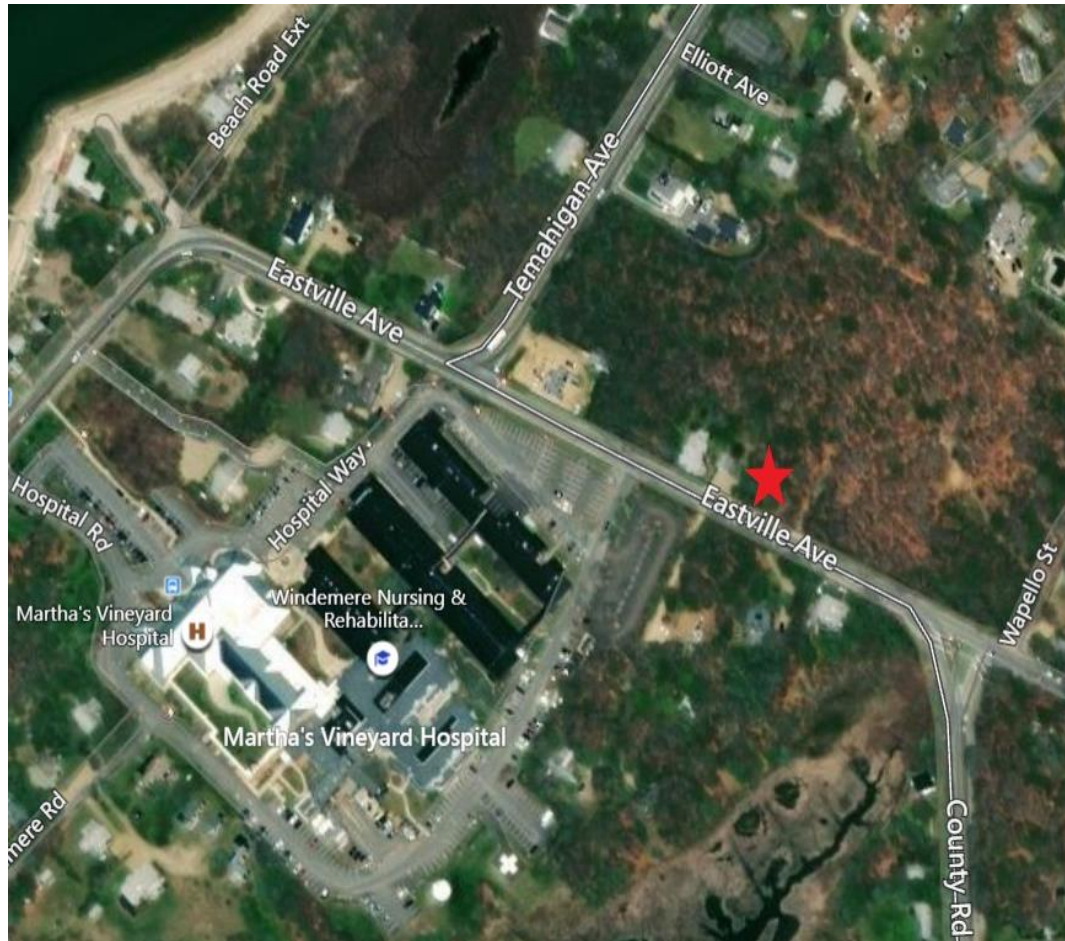




Martha's Vineyard Submarine Cable & Distribution Upgrade Project

Meeting with Town of Oak Bluffs
Siting/Zoning Review
February 16, 2022

Project Overview



- Electrical distribution project necessary to improve electrical service and reliability for Martha's Vineyard.
- Eversource proposes to install a 5th 25-kV submarine cable across Vineyard Sound from Surf Drive, Falmouth to Eastville Avenue, Oak Bluffs.
- From its landing point, the cable will be installed in a duct bank approximately 1,300 feet in length to an Eversource owned parcel on Eastville Avenue.
- Some equipment will be installed on Eversource's Eastville Avenue parcel.

Next Steps

Preliminary Timeline

Spring 2023:
Begin
Construction

Spring 2025:
In Service

Scope of Work

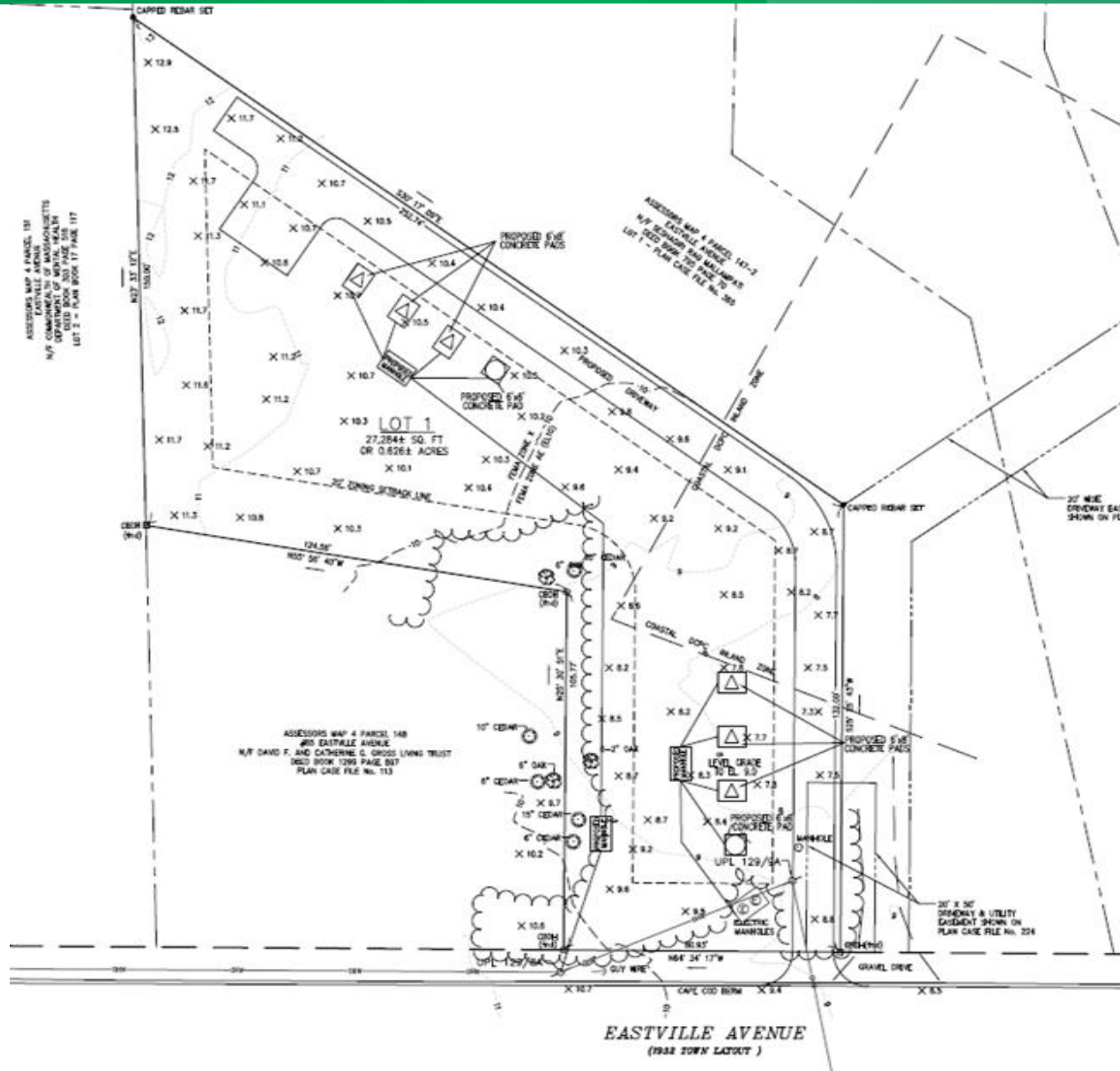
Eversource's Eastville Avenue Parcel

- Installation of 6-pad mounted voltage regulating transformers each approximately 70" tall x 65" wide x 75" deep. Two smaller pad mounted reclosers will also be installed.
- Installation of duct and manhole infrastructure as needed.
- No perimeter fencing will be installed as no live parts will be exposed
- Parcel will be accessed via a new gravel driveway with access gate fronting onto Eastville Avenue.
- Some vegetation screening buffer can be placed along Eastville Avenue if necessary.
- Existing overhead transition pole and associated equipment visible at the road will be removed.



Project Work Scope Diagram

Eversource's Eastville Avenue Parcel

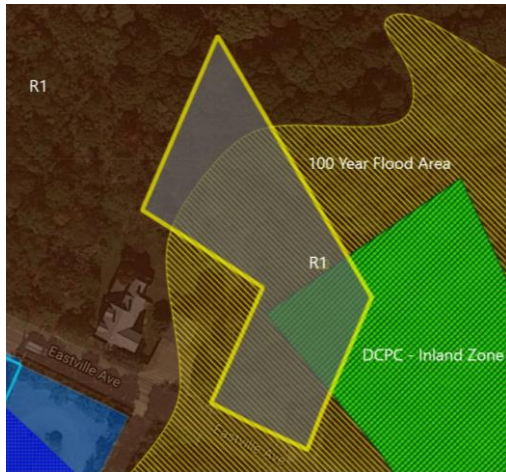


Project Location

Eversource's Eastville Avenue Parcel

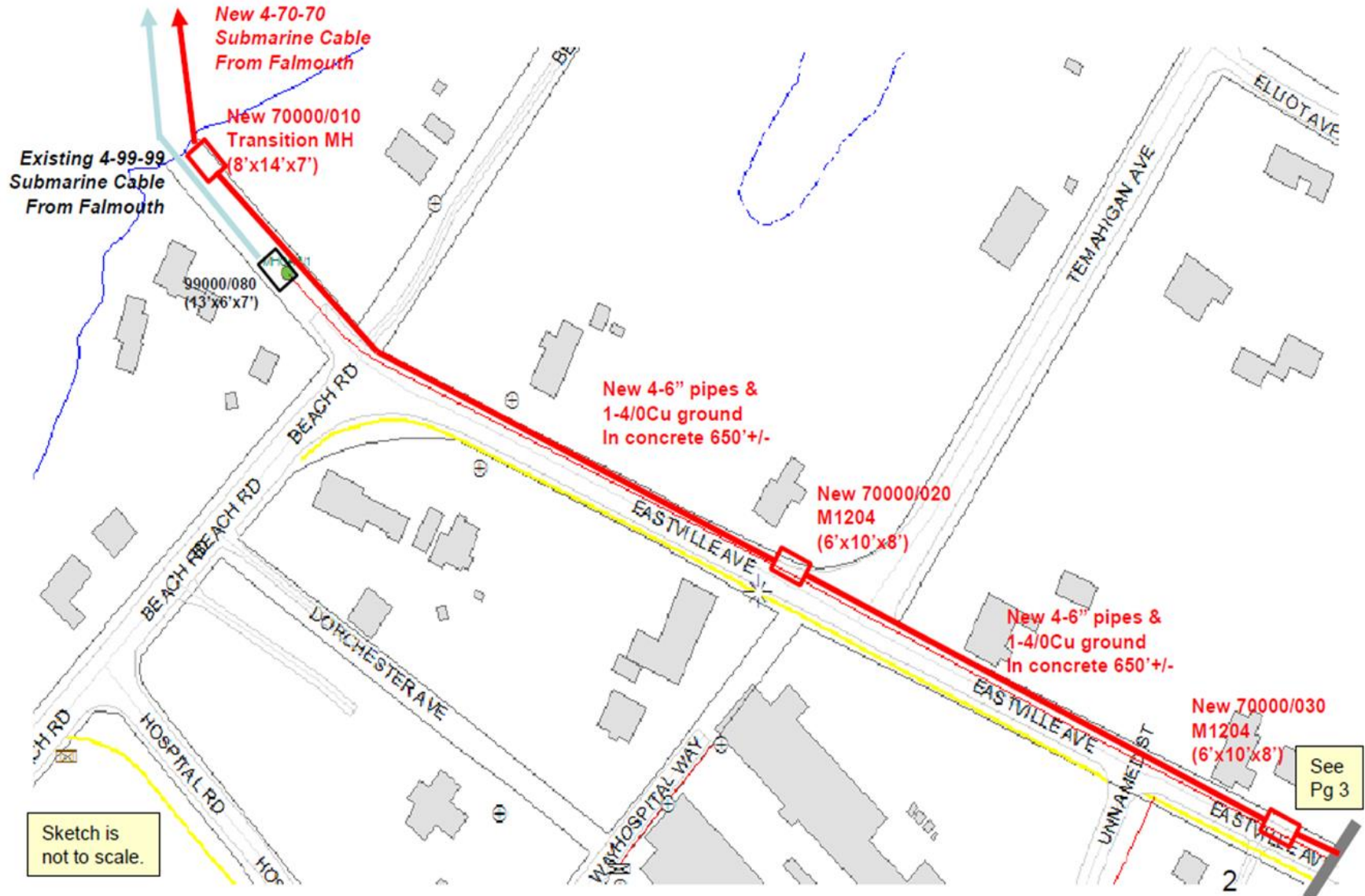


- Existing undeveloped Eversource owned parcel of land opposite the Martha's Vineyard Hospital
- Parcel has frontage on Eastville Avenue and is 0.63± acres
- Located within a Residence 1 Zoning District
- Majority of the parcel also falls within the 100 Year Flood Area (AE Zone) and a smaller portion within the District of Critical Planning Concern (DCPC) – Inland Zone



Scope of Work

Proposed Conduit Layout along Eastville Ave



Sketch is not to scale.

- Standard distribution equipment will be installed. Zoning relief normally is not required.
- Essential Services – are permitted by Special Permit in all zoning districts upon Planning Board approval .
- New construction of non-residential structures are permitted in the 100 Year Flood Area through Special Permit.
- All proposed equipment will conform with the setback requirements of the Residence 1 Zoning District.
- The 6-pad mounted voltage regulating transformers shall not be placed within the District of Critical Planning Concern



Project Summation

Eversource's Eastville Avenue Parcel



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