

**Cub Run Substation
SEA-87-S-016-2/2232/
PCA-78-S-063-19**

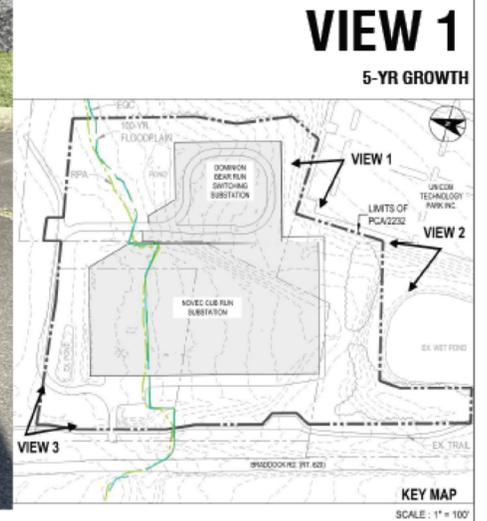
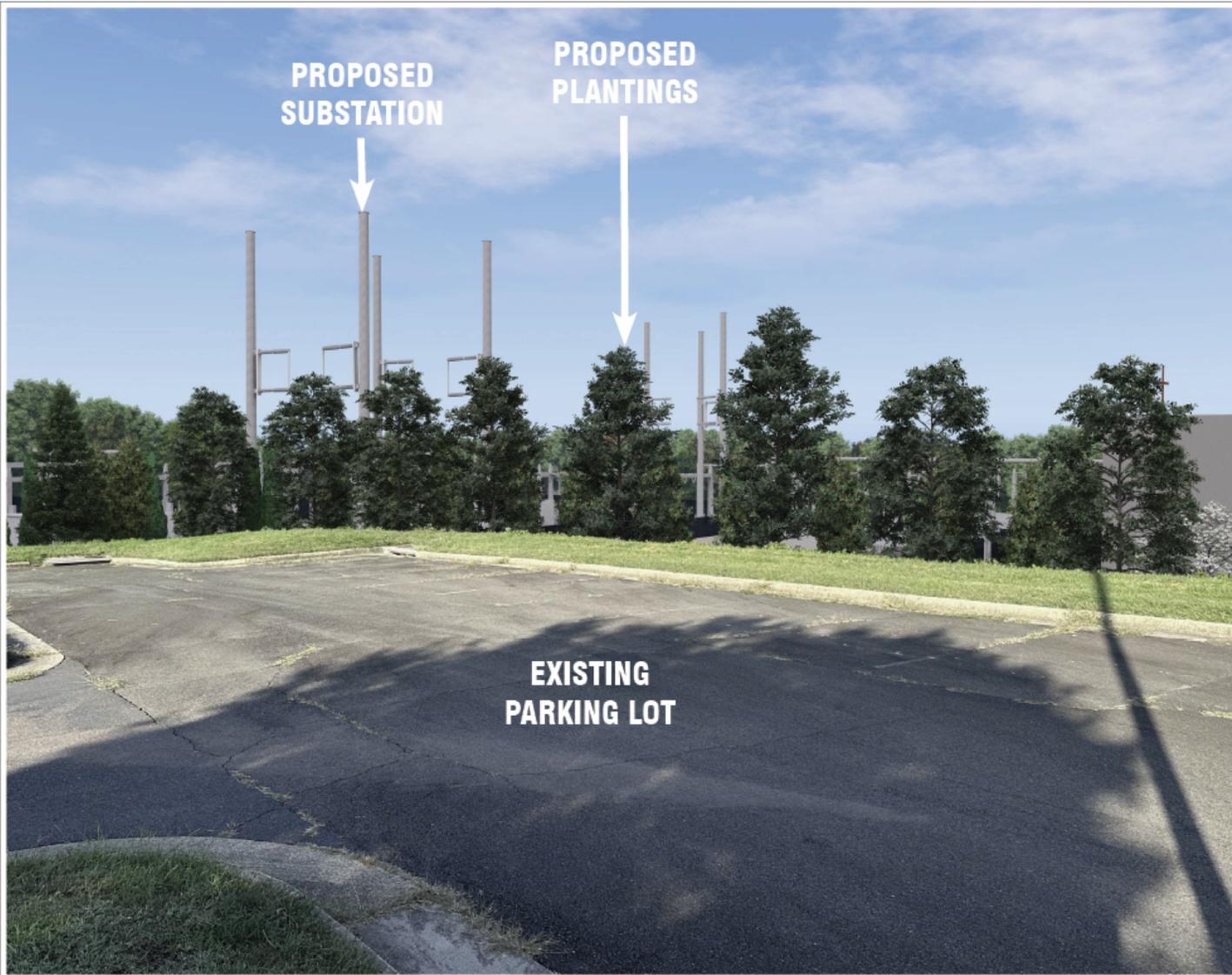
**Sully District Land Use and Transportation Committee
February 16, 2026**



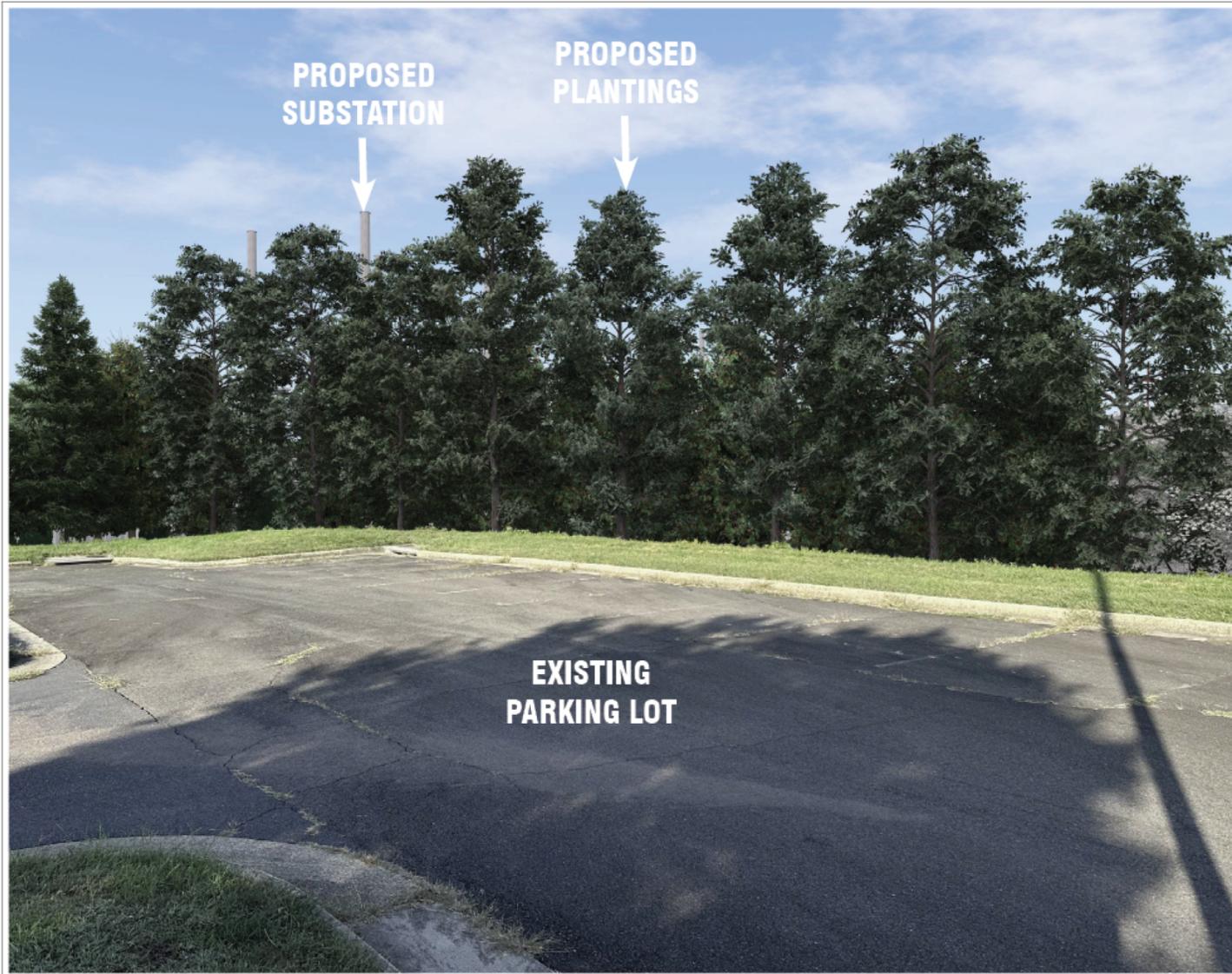
Overview

- Incremental equipment additions and expansion of the existing 4.07-acre Cub Run electrical substation.
- North side of Braddock Road (Route 620), approximately 300 feet east of its intersection with Old Lee Road (Route 661) in the southwest corner of Westfields.
- Split-zoned to the RC (Residential-Conservation) District and the I-3 (Light Intensity Industrial) District – expansion is into the I-3.
- Existing substation served from a single tap (connection) to the abutting Dominion transmission corridor to the west. NOVEC’s customers currently experience “blinks” associated with the operation of the transmission lines and are exposed to outages due to transmission line outages.
- This project will connect Cub Run with multiple transmission lines so an outage in one transmission line will not cause an outage to NOVEC’s customers served by this substation.

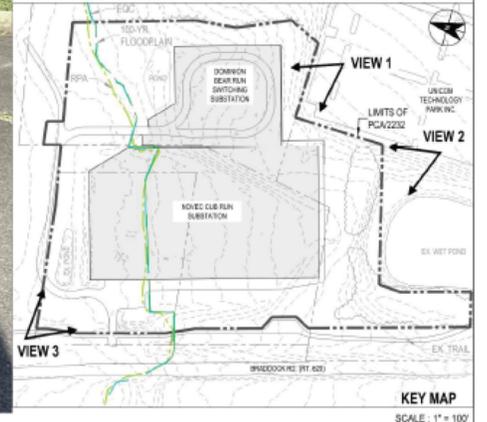
View 1 – 5-Year Growth



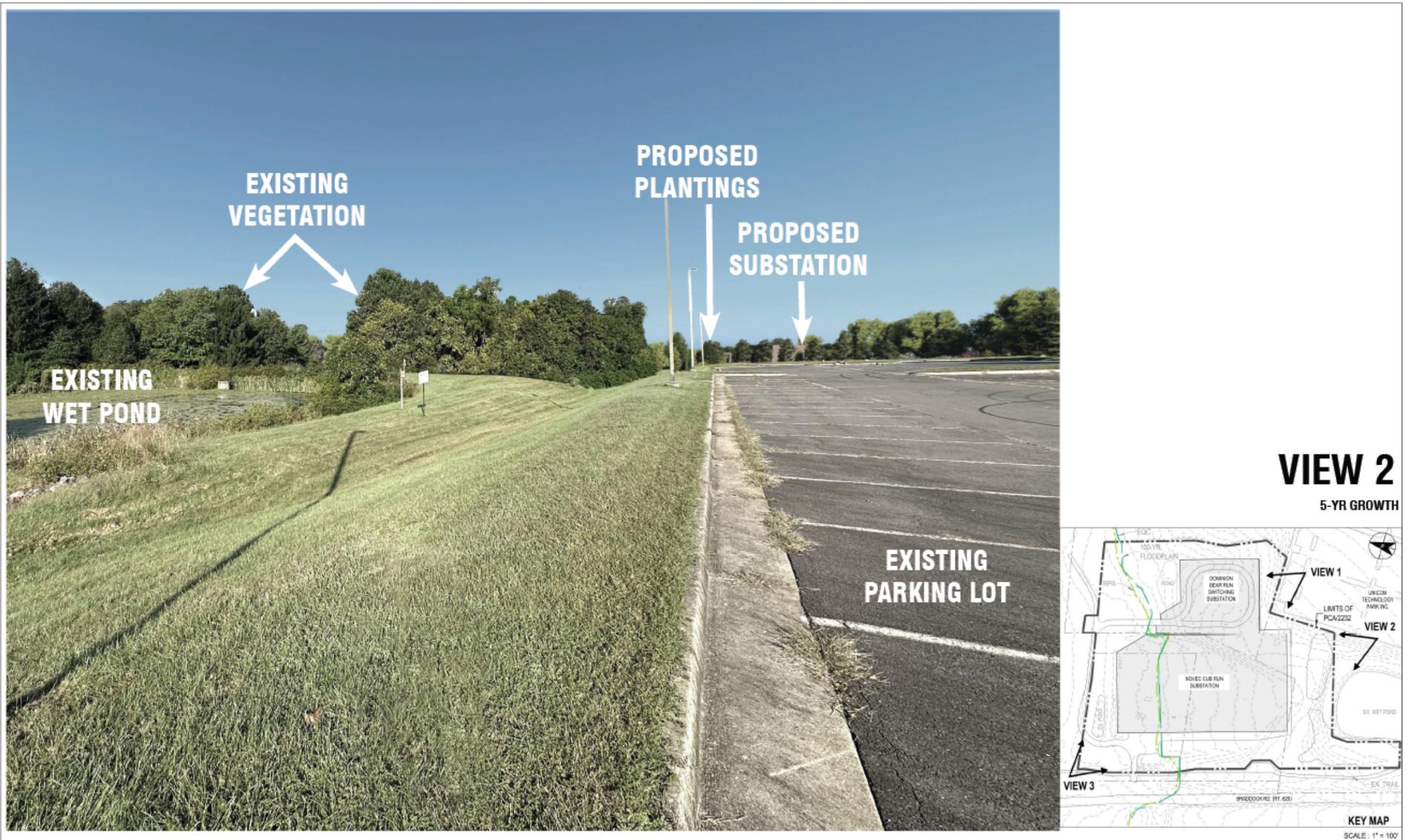
View 1 – Mature Growth



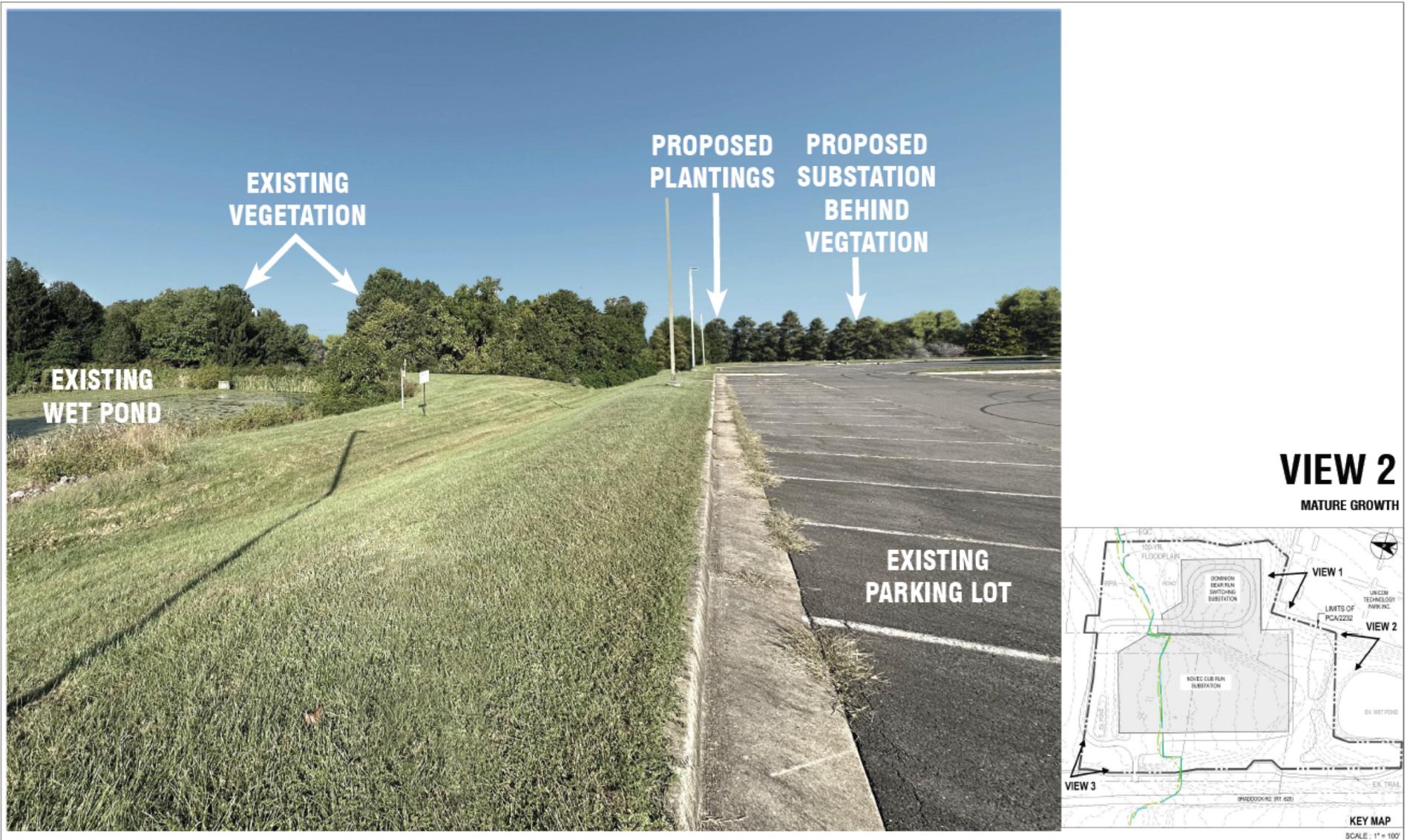
VIEW 1
MATURE GROWTH



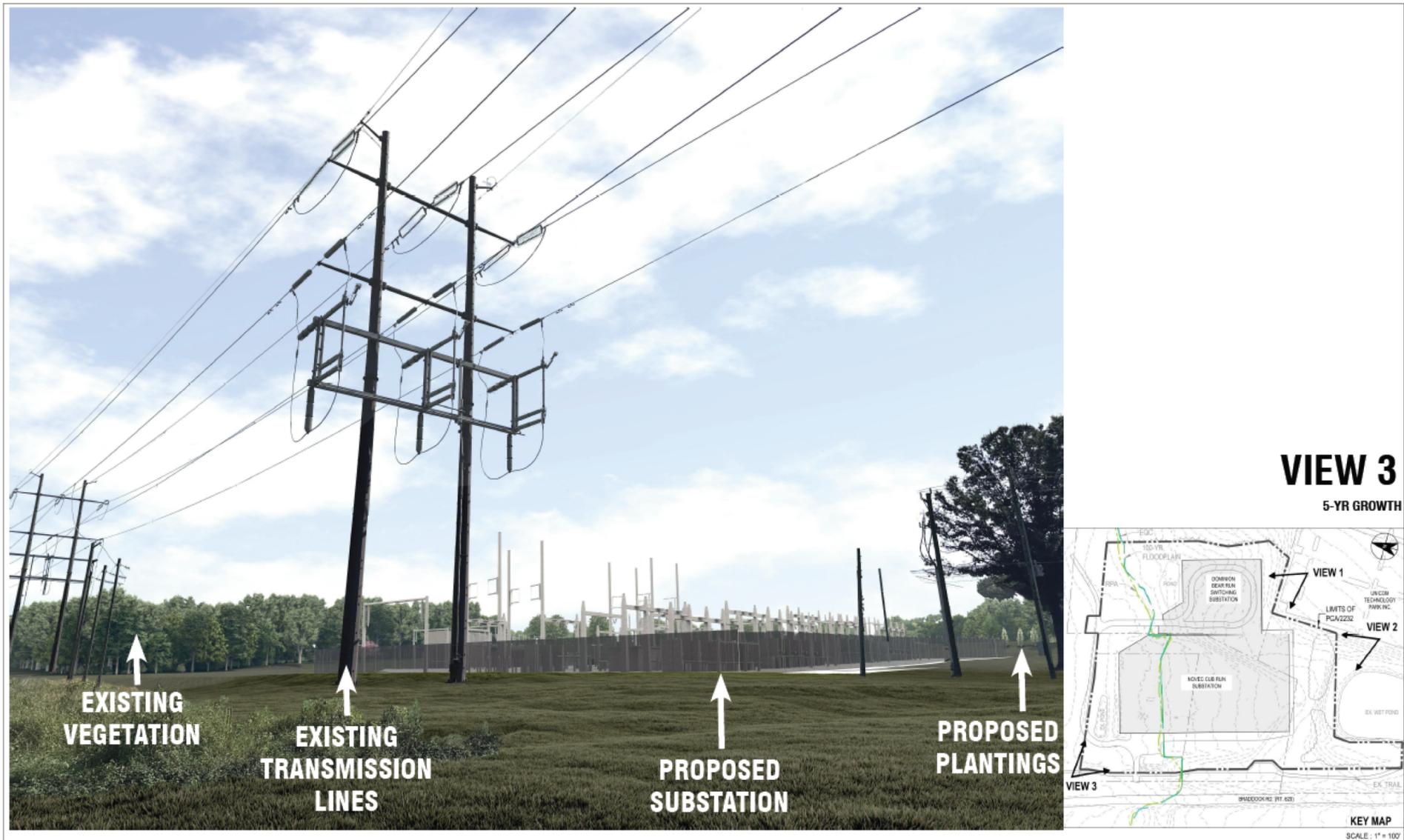
View 2 – 5-Year Growth



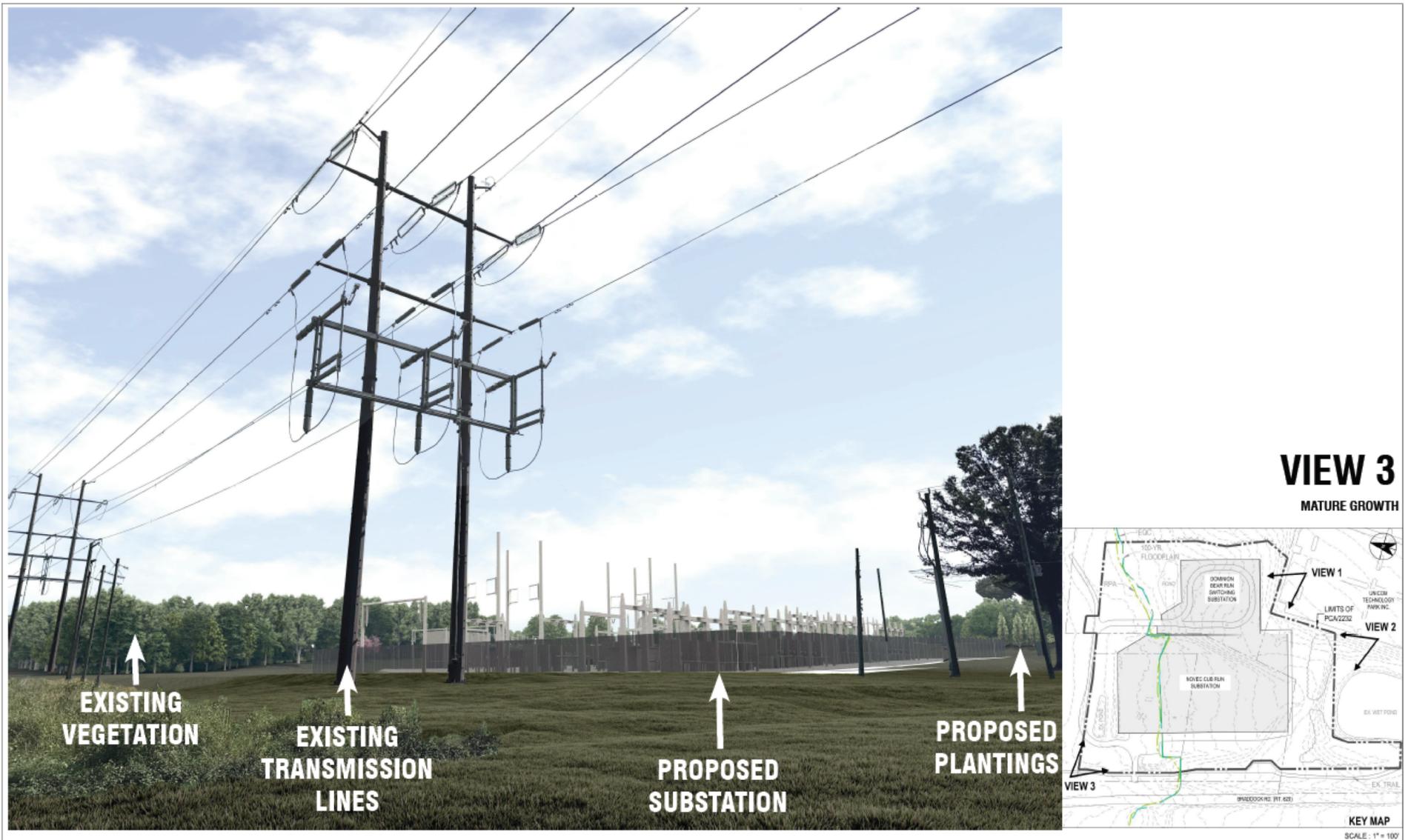
View 2 – Mature Growth



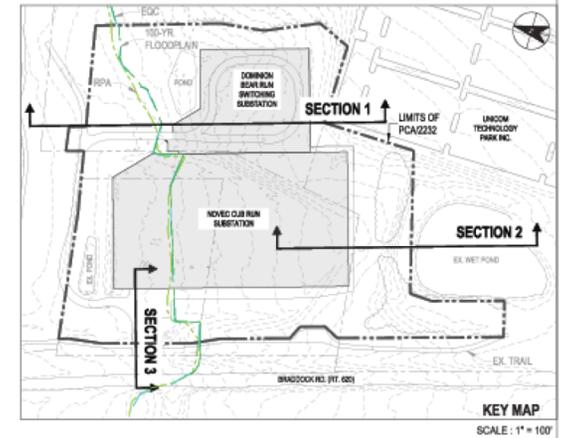
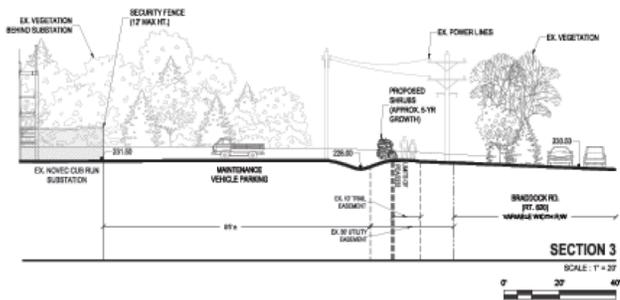
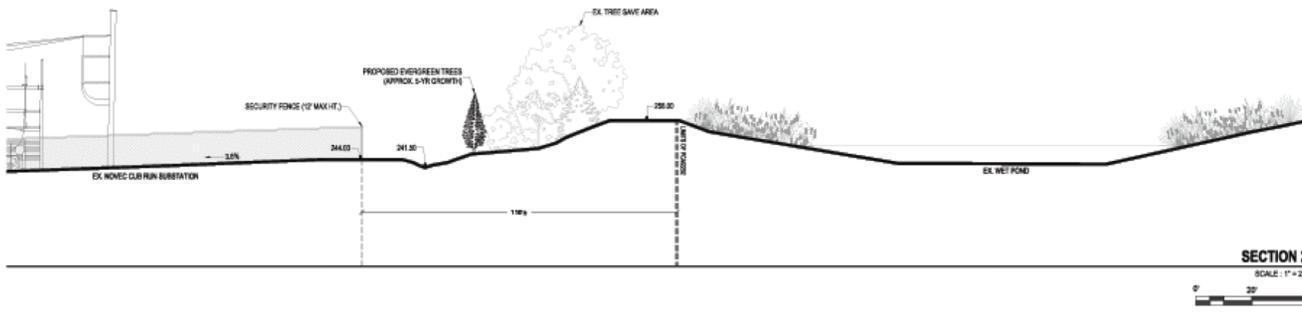
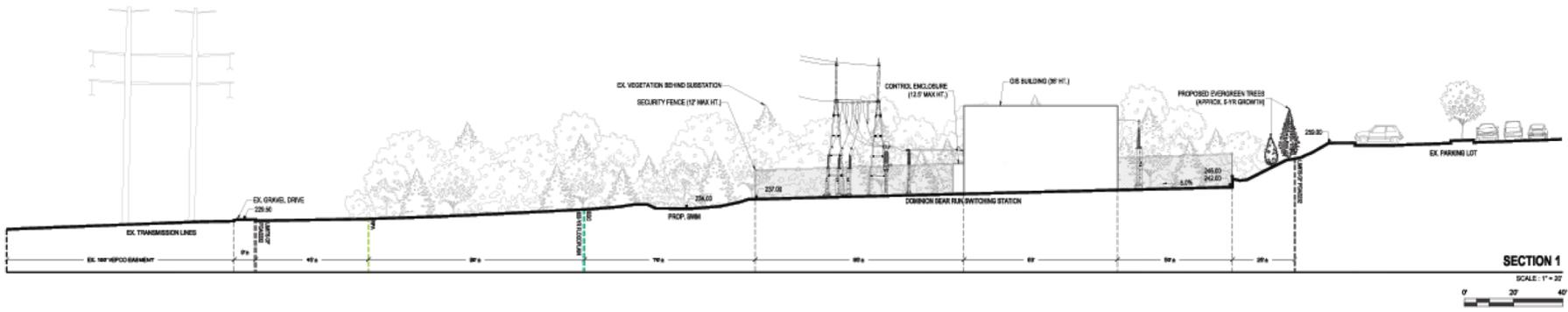
View 3 – 5-Year Growth



View 3 – Mature Growth



Cross-sections



Benefits

- The proposed substation facilities and switching station are needed to serve the existing and planned electricity needs of NOVEC's Cub Run service area.
- Expanding the existing substation takes advantage of existing infrastructure and avoids disruption and new impacts of introducing a new substation and associated infrastructure on a new property in the service area.