

DEPARTMENT of
HOMELAND SECURITY

ST. ELIZABETHS
GATE 6 GARAGE

JULY 17, 2025

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PROPOSED GARAGE DESIGN



1 CAMPUS CONTEXT

APPROVED MASTER PLAN 2020



PARKING NEEDS:

4,448 (TOTAL MP APPROVED)
- 1,973 (EXISTING GATE 4 GARAGE)

2,475 (REMAINING REQUIRED)
TO BE DONE AS MULTIPLE
PROJECTS, STARTING WITH
GATE 6

GOAL:

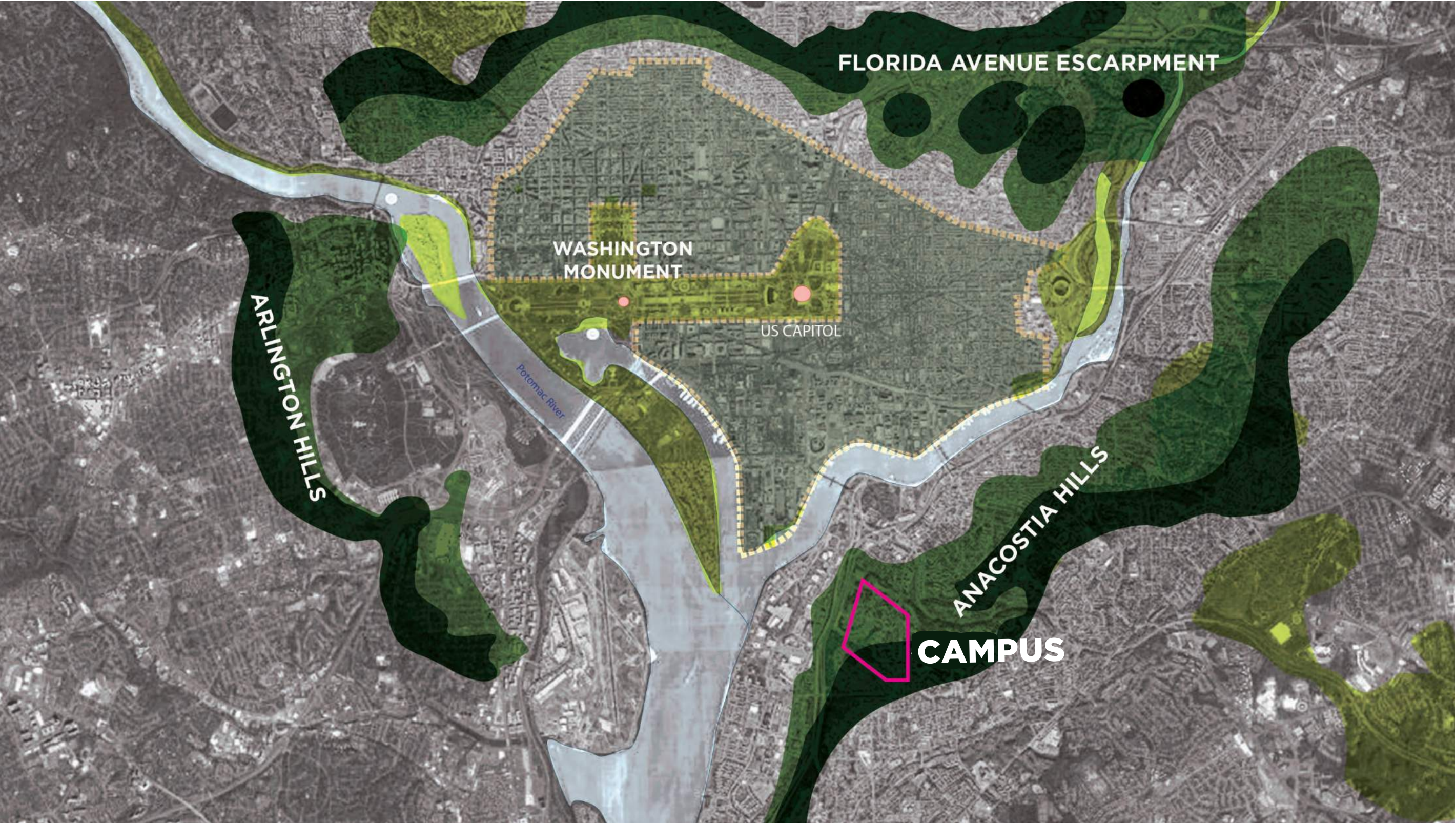
DEVELOP GATE 6 TO HAVE
A **PARKING GARAGE** THAT
MAXIMIZES AMOUNT
OF SPACES TO SATISFY
IMMEDIATE PARKING
NEEDS

TODAY: DEVELOPMENT OF GATE 6



GATE 6

REGIONAL CONTEXT

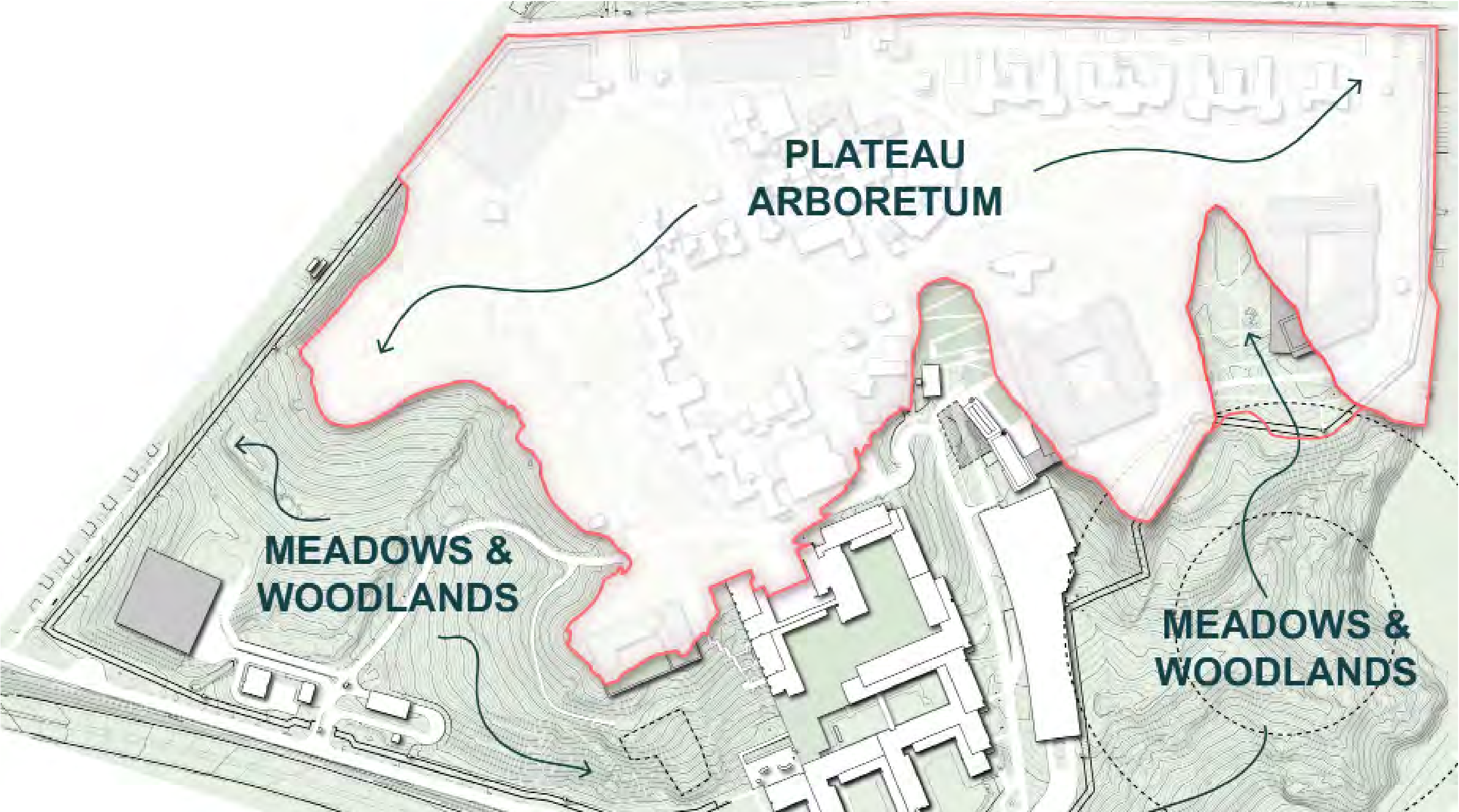


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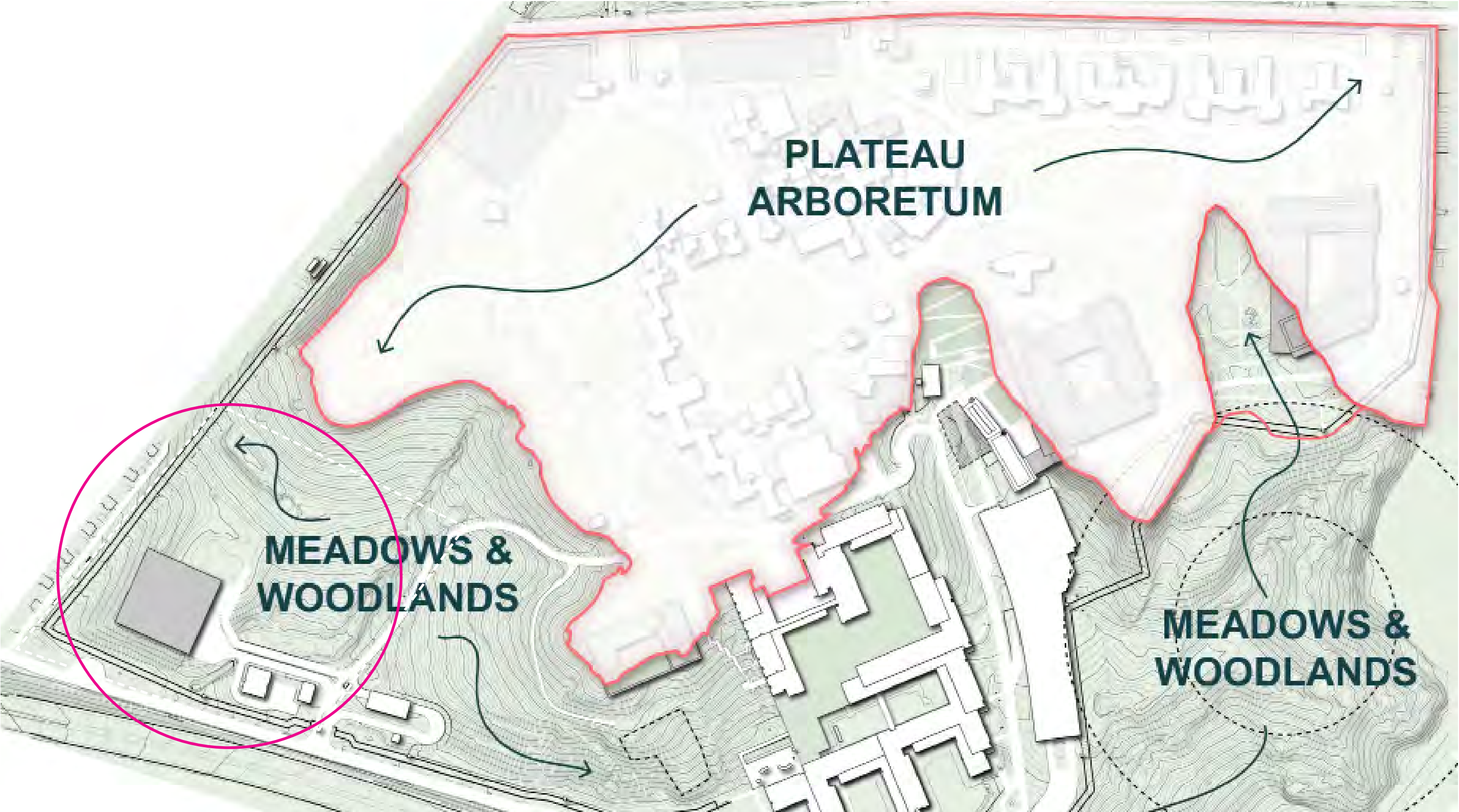
NATURALLY OCCURRING HIGHER ELEVATIONS, INCLUDING RIDGES, ESCARPMENTS AND HILLS ENCIRCLE WASHINGTON DC, FORMING WHAT'S KNOWN AS THE TOPOGRAPHIC BOWL. ST. ELIZABETHS CAMPUS IS LOCATED ALONG THE SOUTHEASTERN RIDGE OF THE BOWL

①
N.T.S

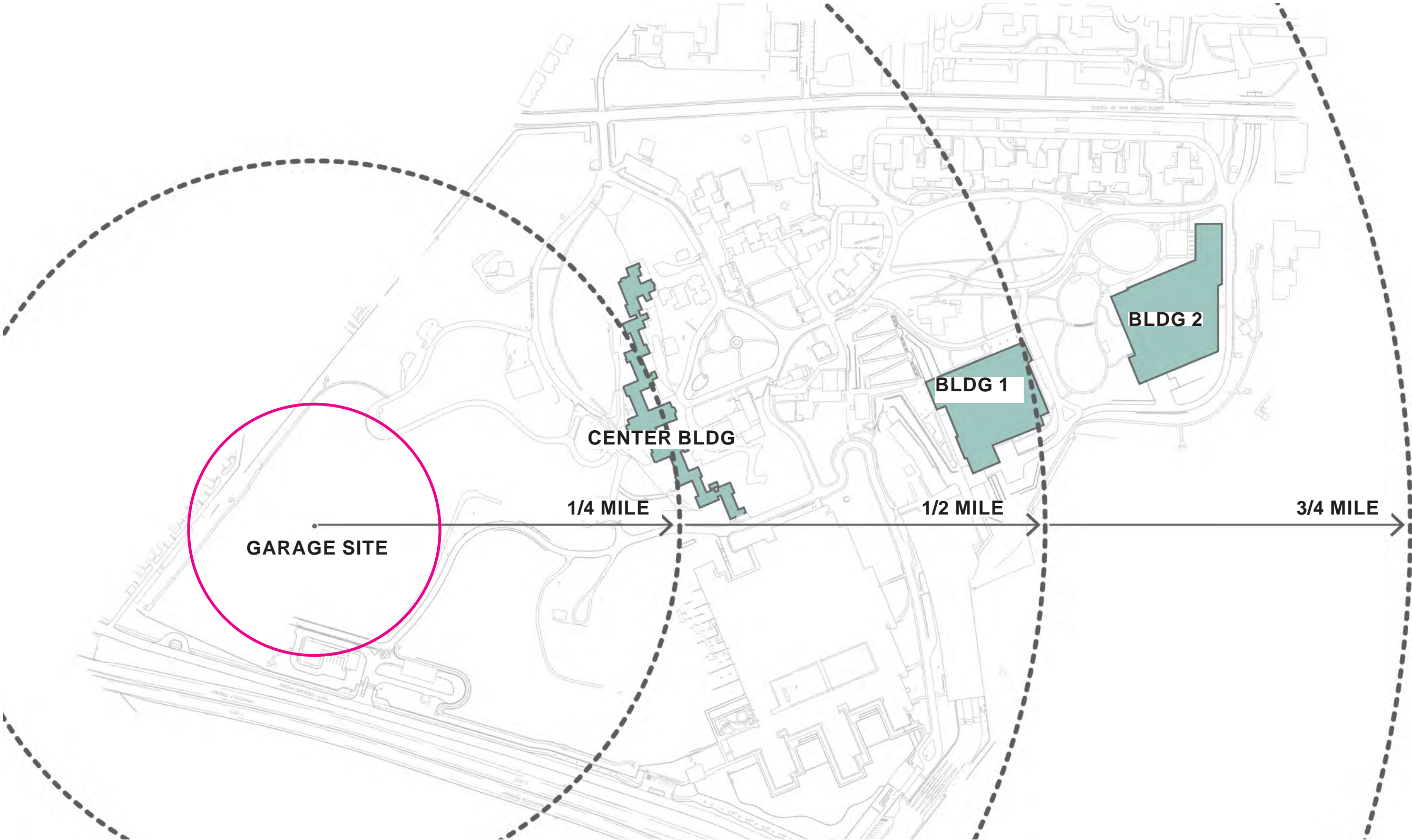
CAMPUS CONTEXT - LANDFORM



CAMPUS CONTEXT - PROPOSED GARAGE SITE



CAMPUS CONTEXT - DISTANCE FROM SITE



SITE EVOLUTION



1895 MAP - CLR



1937 MAP - CLR



AERIAL PHOTOGRAPH
(2000)



2008 MASTER PLAN
AMENDMENT 2 (2020)



CURRENT SITE
(GOOGLE EARTH)

CLR RECOMMENDATION:
MAJORITY OF EXISTING WOODLAND COVER IS OF MARGINAL QUALITY DUE TO
SITE DISTURBANCE. RENEWAL OF WOODLANDS WOULD PROVIDE NATURAL
COMMUNITIES ON CAMPUS.

HISTORIC VIEWS FROM THE CULTURAL LANDSCAPE REPORT



VIEW FROM SITE LOOKING TOWARDS THE ANACOSTIA RIVER

FIGURE II.11 FROM THE CULTURAL LANDSCAPE REPORT - 1865



VIEW FROM SITE LOOKING TOWARDS THE ANACOSTIA RIVER

“WOODLAND, CROPLAND, PARKLAND, AND SCRUB MAKE UP THE DOMINANT VEGETATION TYPES ON THE CAMPUS IN 1877. APPROXIMATELY HALF THE SITE IS COVERED IN HIGH AND BROKEN DECIDUOUS WOODLAND CHARACTERISTIC OF THE TIDEWATER REGION. THE WOODLAND COVER ON SLOPES LEADING TO THE RIVER CONSISTS OF MIXED-AGE STANDS AS EVIDENT IN FIGURE II. 11.” **PAGE II.19 OF THE CULTURAL LANDSCAPE REPORT**

HISTORIC VIEWS FROM THE CULTURAL LANDSCAPE REPORT

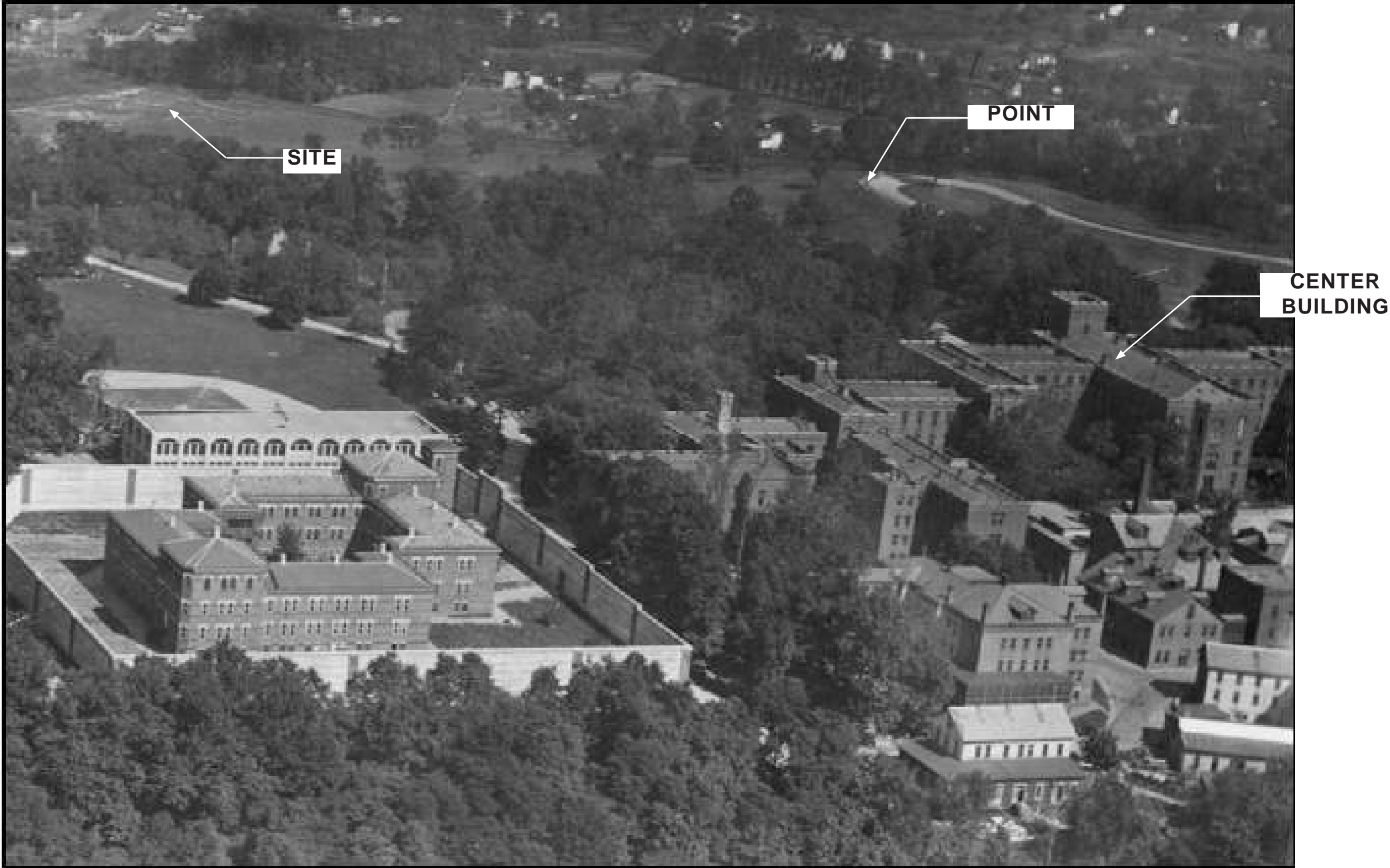
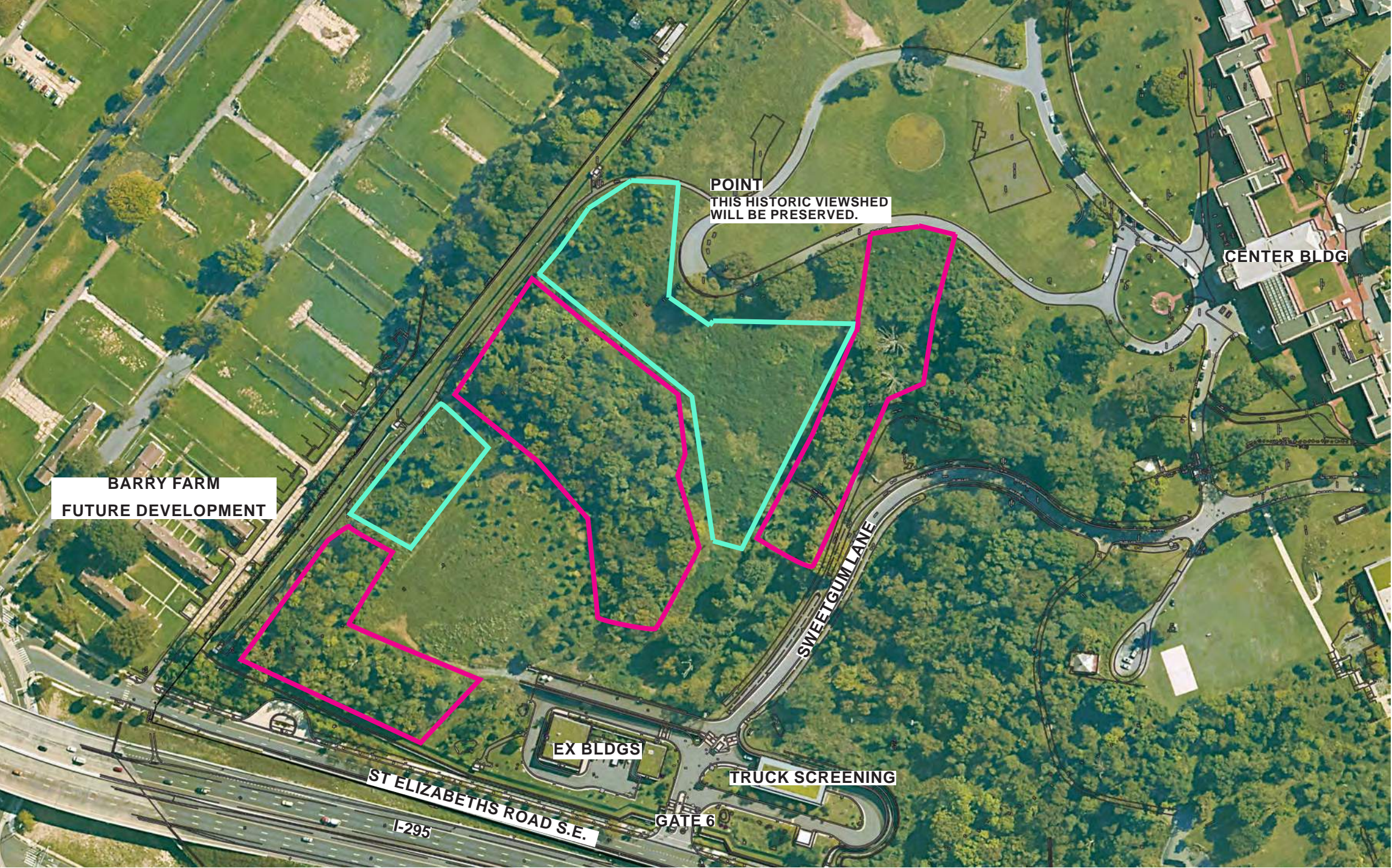


FIGURE IV.14 FROM THE CULTURAL LANDSCAPE REPORT - 1922

EXISTING CONDITIONS AERIAL



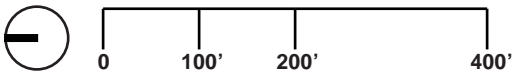
EXISTING CONDITIONS - TREE COVER



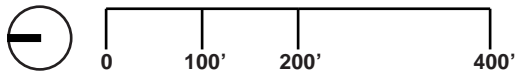
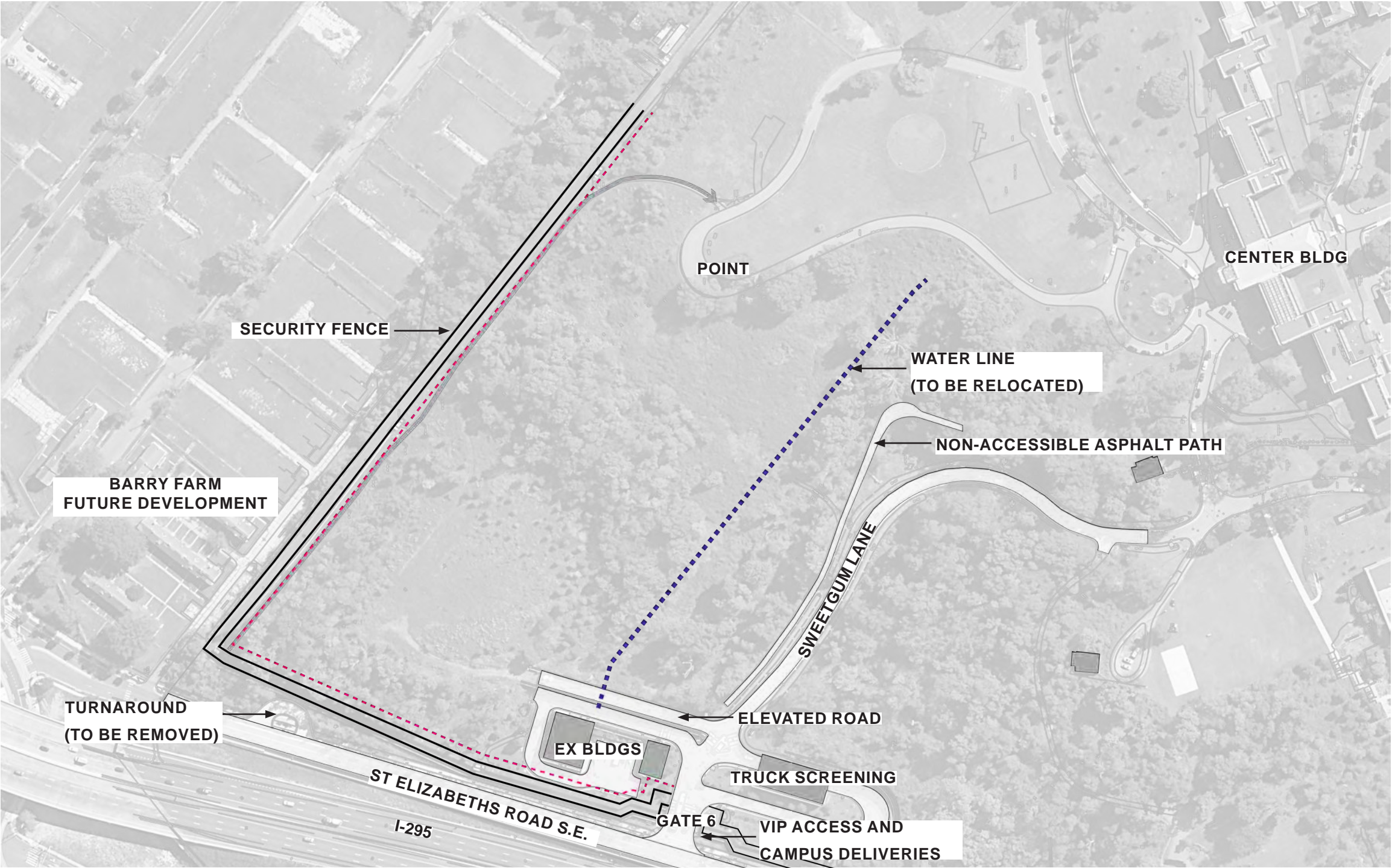
EXISTING CONDITIONS - TOPOGRAPHY



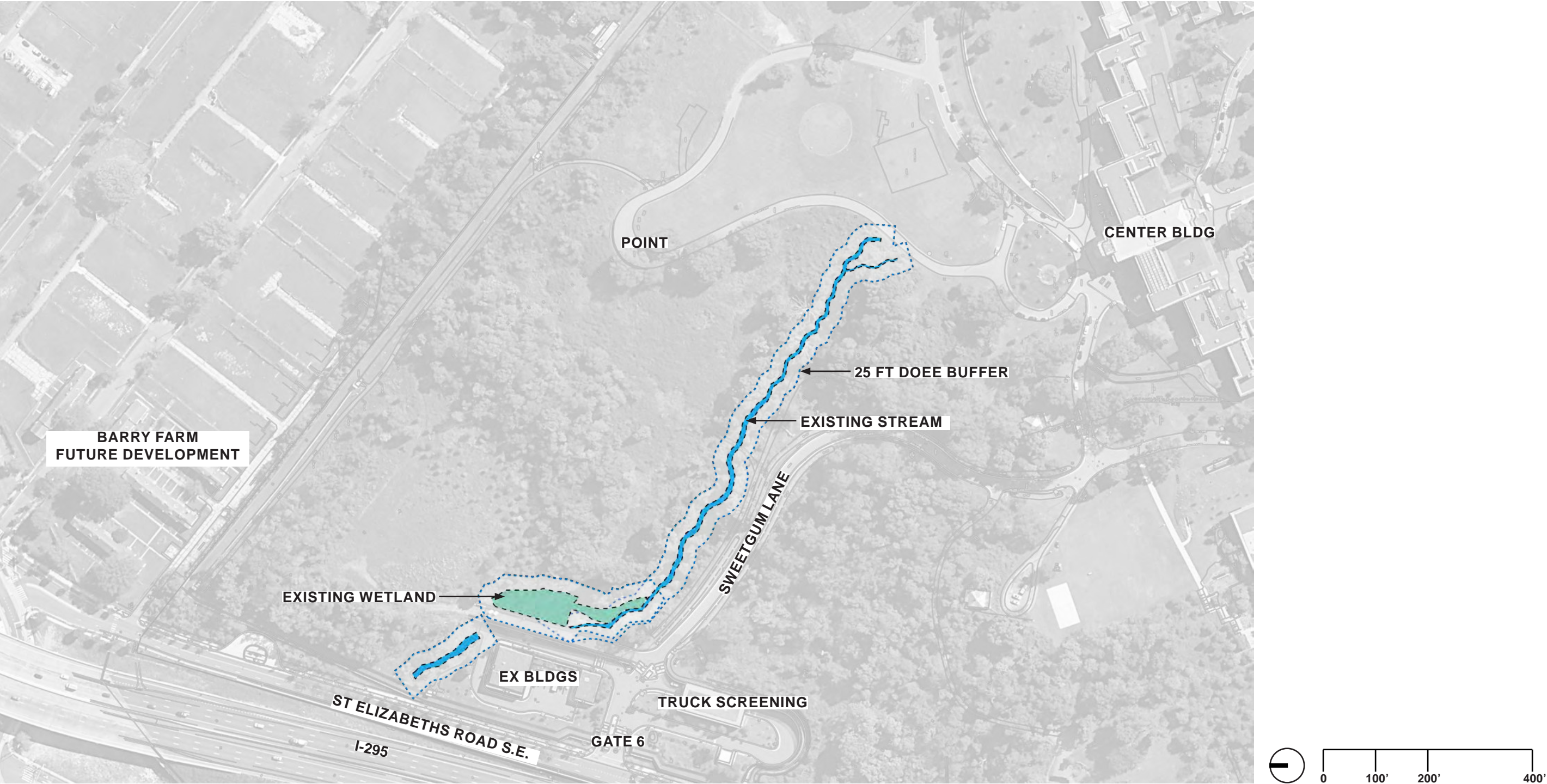
- APPROXIMATELY 140 FEET OF ELEVATION CHANGE FROM THE POINT TO ST ELIZABETHS ROAD S.E.
- MOST SLOPES OVER 25%
- SIGNIFICANT AREA OF CONSTRUCTION FILL
- STREAM BED TO THE SOUTH



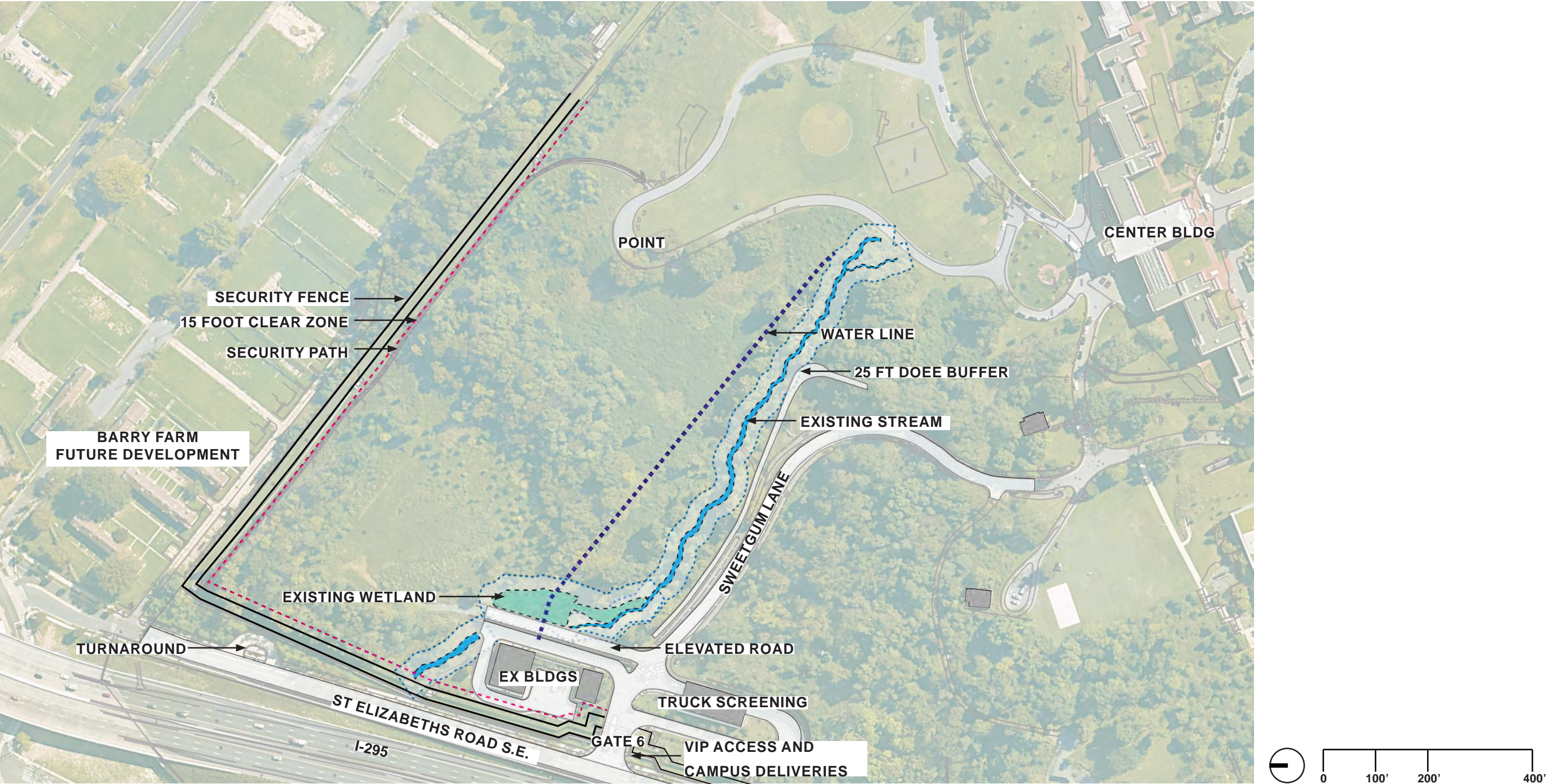
EXISTING CONDITIONS - FEATURES & STRUCTURES



EXISTING CONDITIONS - STREAMS & WETLANDS



EXISTING CONDITIONS - COMBINED CONSTRAINTS AND BUILDABLE AREA





2 GATE 6 DESIGN DRIVERS

ALIGNING WITH MASTER PLAN PLANNING PRINCIPLES: VIEWSHEDS

EXCERPT FROM 2008 MASTER PLAN DOCUMENT

LEGEND

- Primary Visual Zones
- Secondary Visual Zones
- Lost Areas of Visual Zones
- Additions to Visual Zones

View from
Navy Yard

Barry Farm

View from
South Capitol Bridge

- Primary Vista/Viewshed
- Secondary Episodic Vista/Viewshed
- Tertiary Slot Vista/Viewshed
- Views Looking Towards the Site
- Local Views Looking Towards the Site

View from
Hains Point

View from
Washington
Sailing Marina

Congress
Heights

St. Elizabeths East Campus

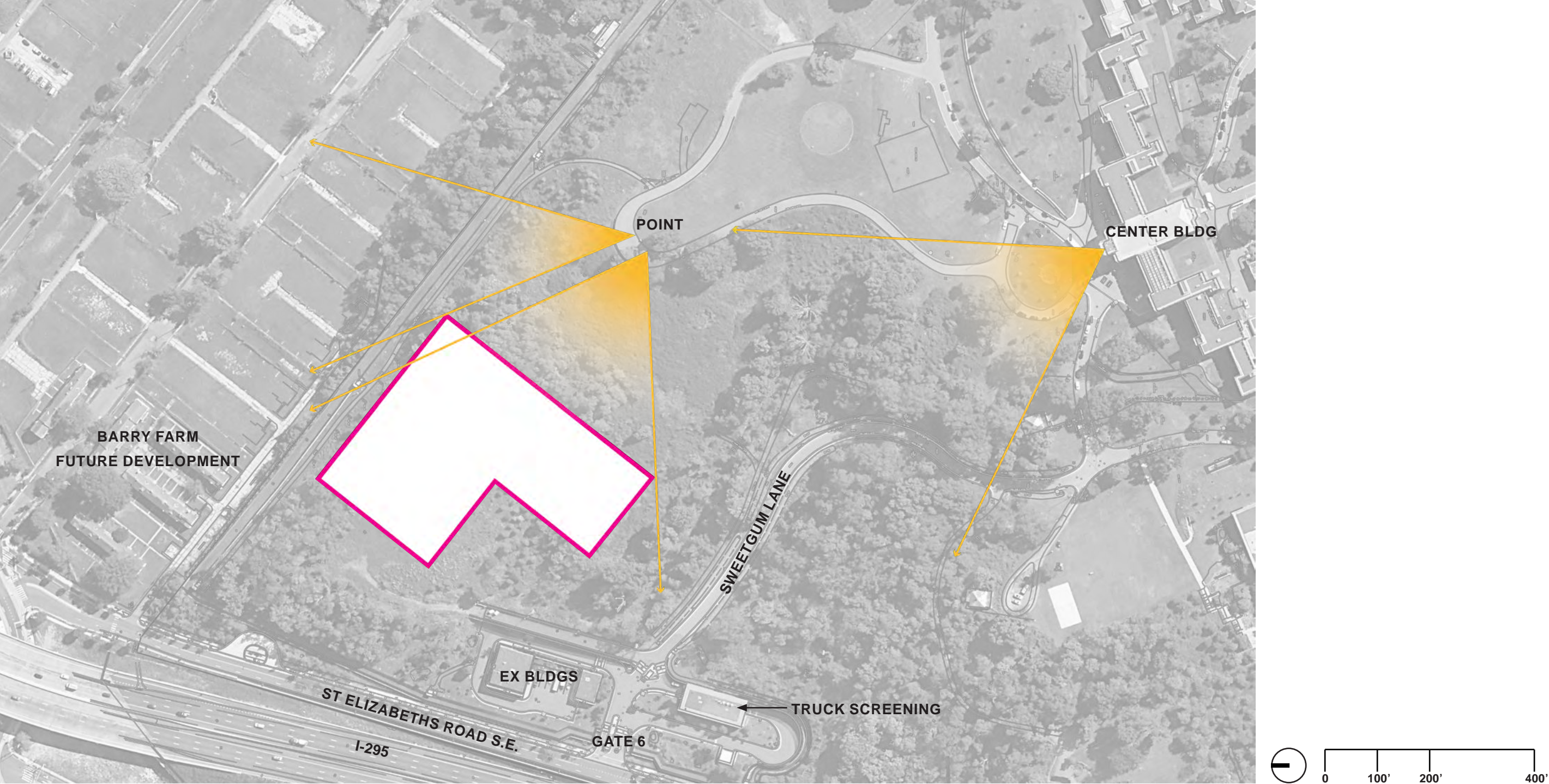
Gate 2

Gate 1

Martin Luther King Jr. Ave.

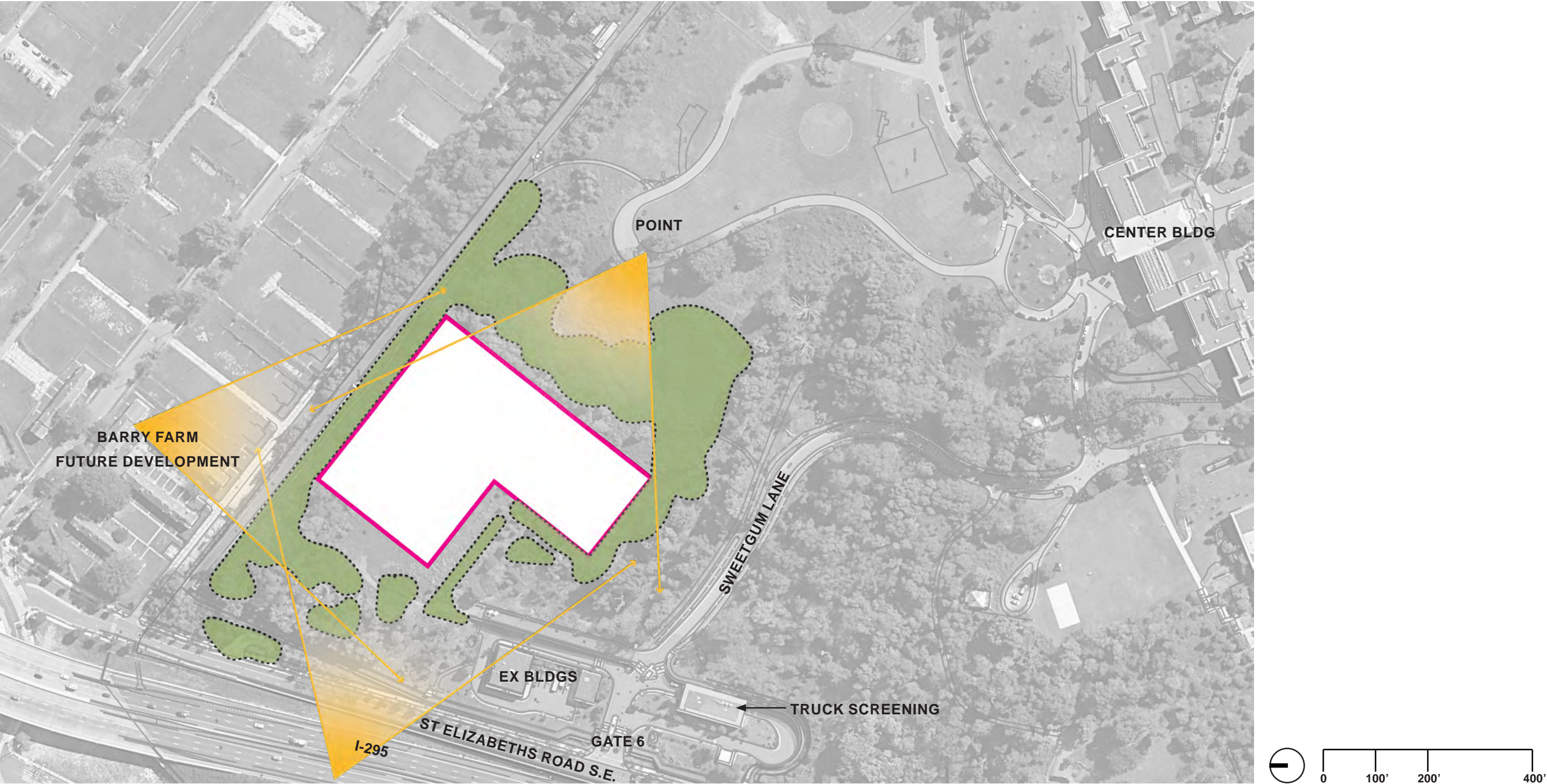
SITE DESIGN GOALS

MAINTAIN HISTORIC VIEW FROM THE POINT AND CENTER BUILDING TO CITY AND RIVER



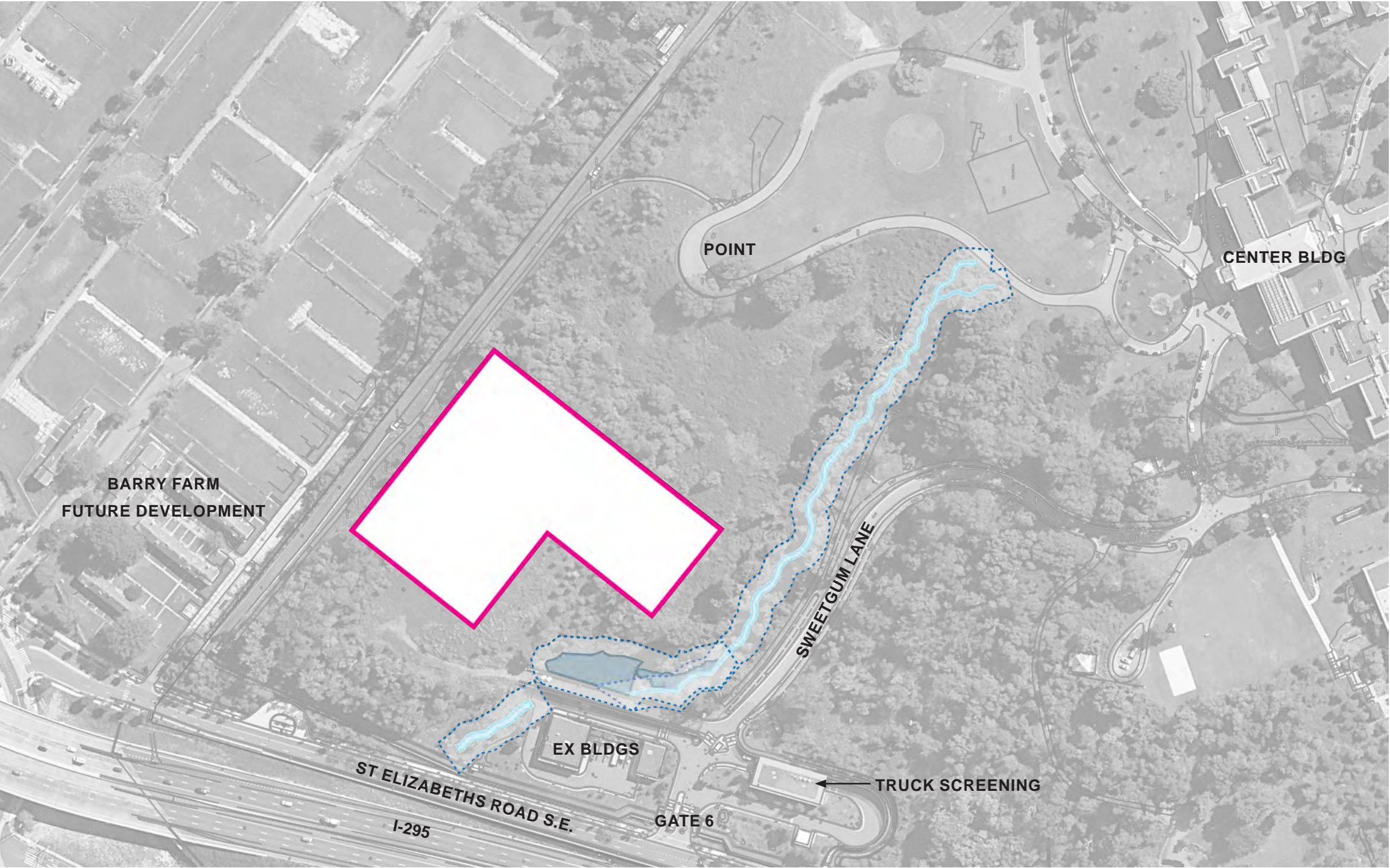
SITE DESIGN GOALS

SCREEN VIEW OF GARAGE FROM BARRY FARM, RT. 295, AND THE POINT



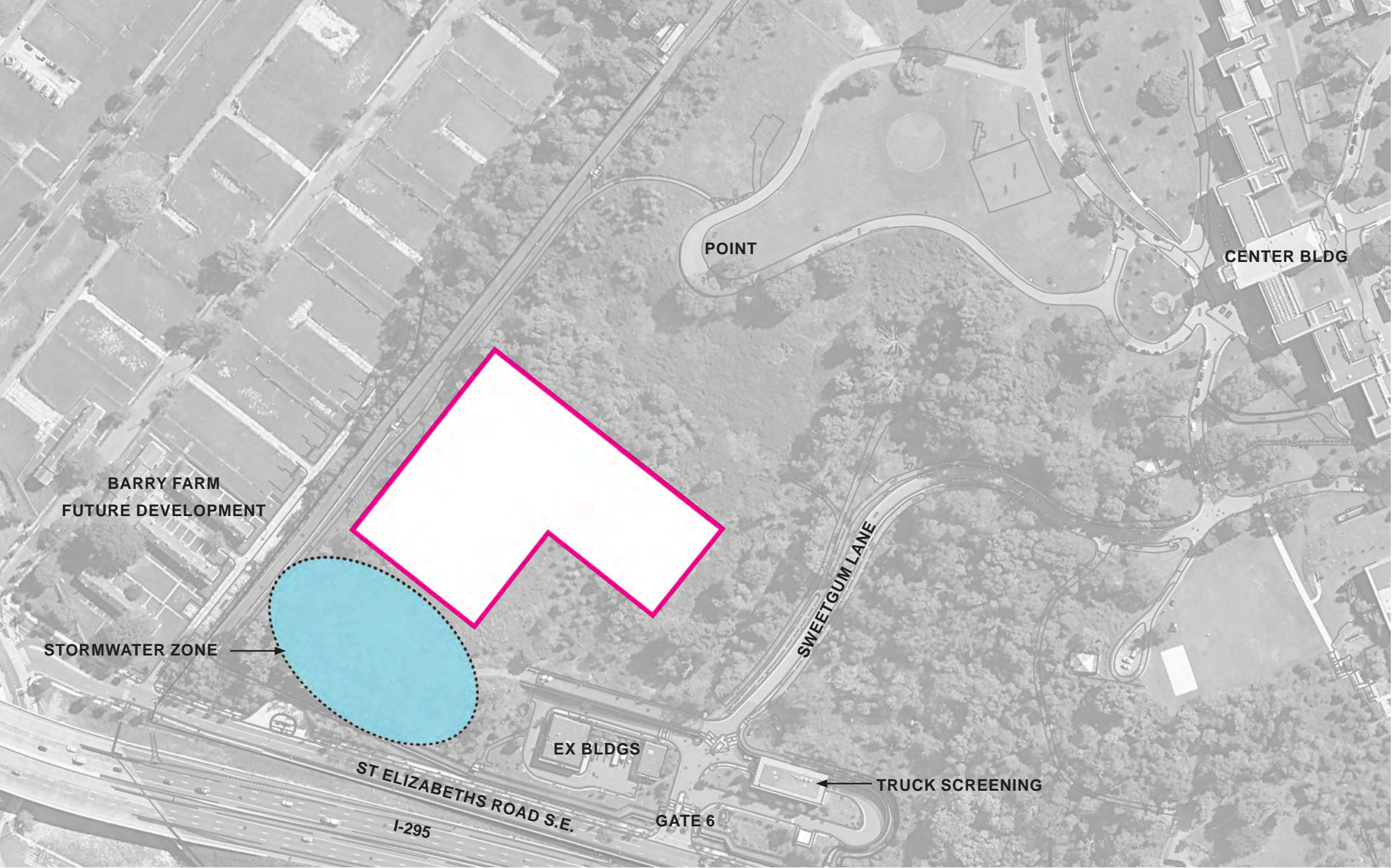
SITE DESIGN GOALS

MAINTAIN THE EXISTING EPHEMERAL STREAM AND WETLAND



SITE DESIGN GOALS

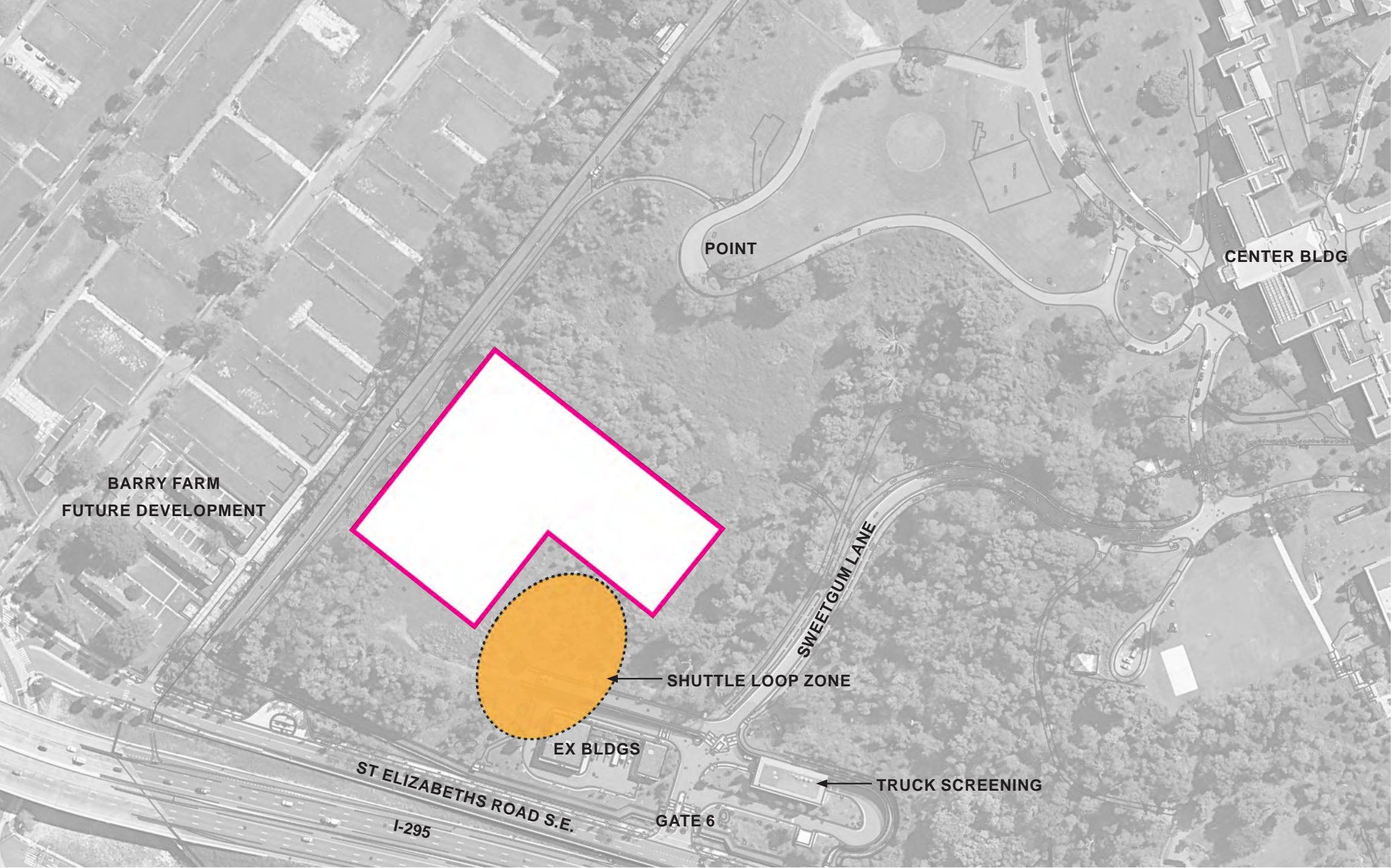
INCORPORATE STORMWATER MANAGEMENT ELEMENTS INTO THE DESIGN



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SITE DESIGN GOALS

PROVIDE SHUTTLE DROP-OFF



SITE DESIGN GOALS

USE NATIVE AND ADAPTED PLANTINGS AND RESTORE TREE CANOPY PREVIOUSLY PRESENT ON CAMPUS HISTORICALLY





3

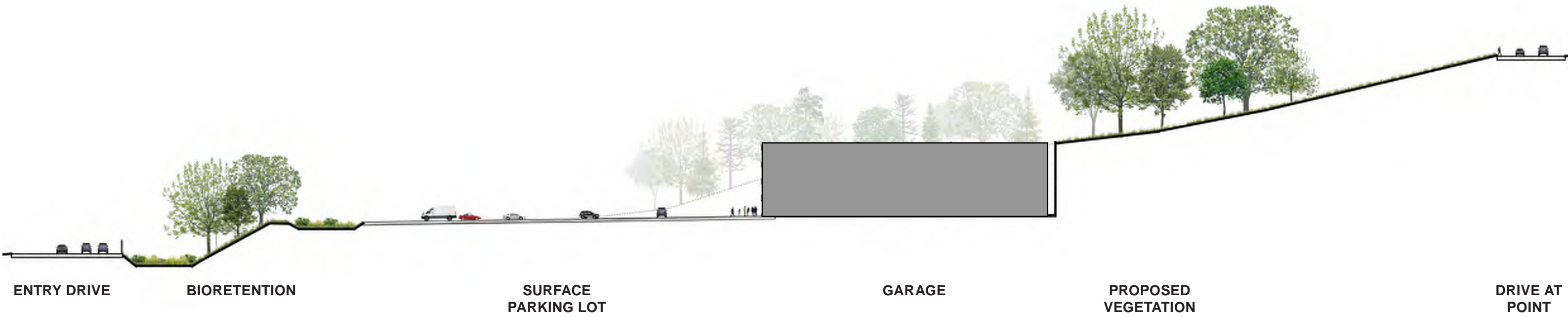
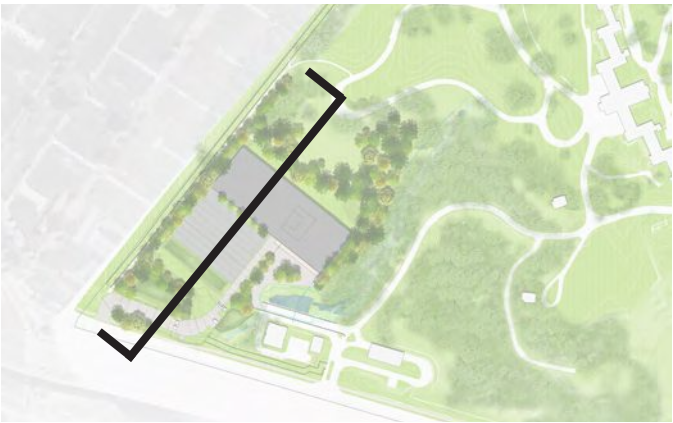
GATE 6

PROPOSED SITE DESIGN

PROPOSED SITE PLAN - TREES AND BIORETENTION AREAS

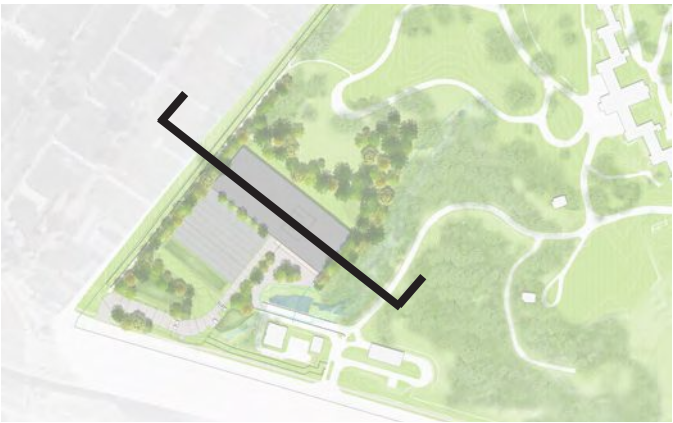


EAST - WEST SITE SECTION LOOKING NORTH

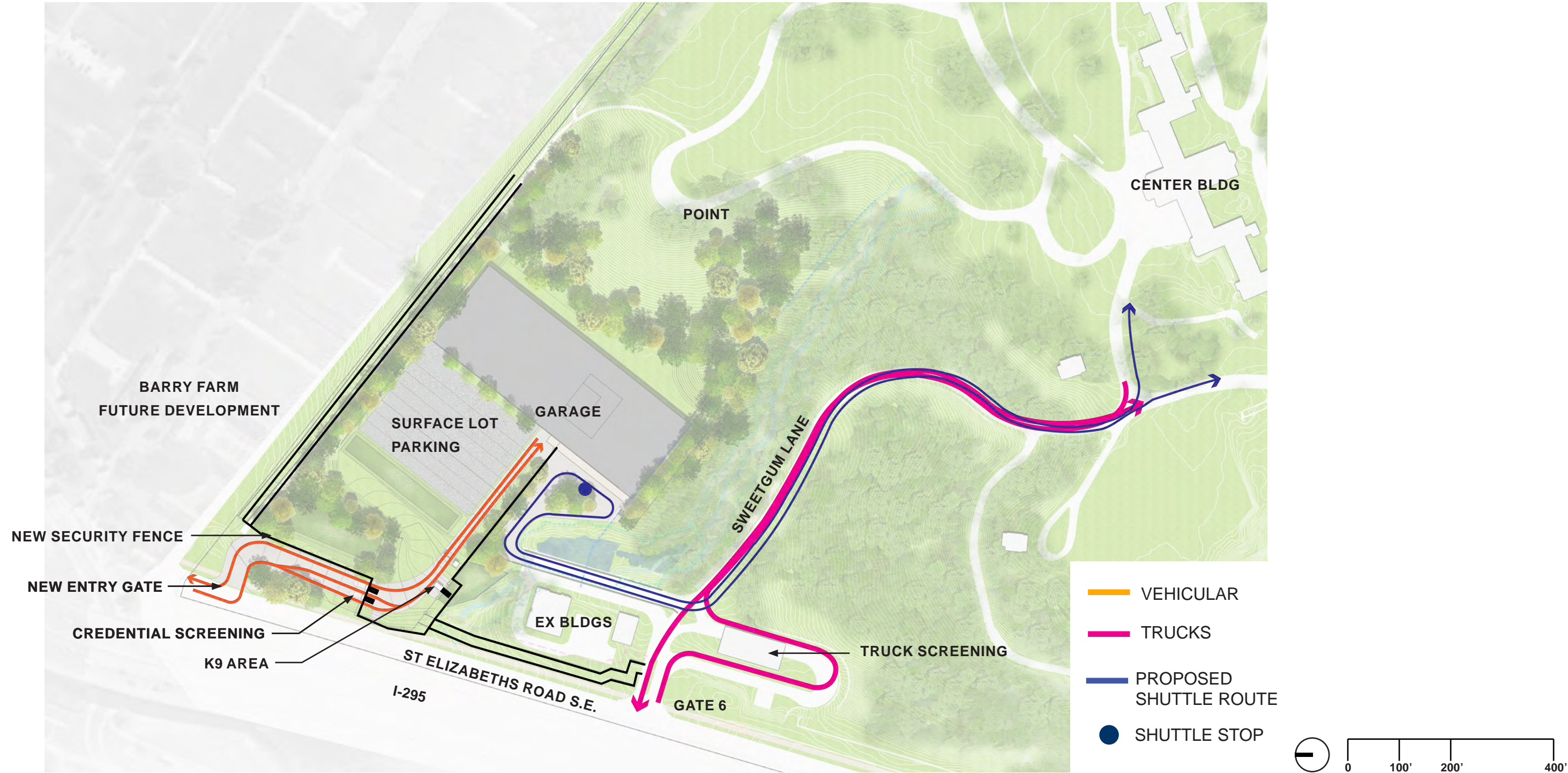


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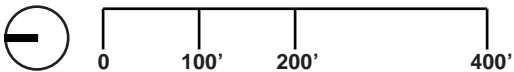
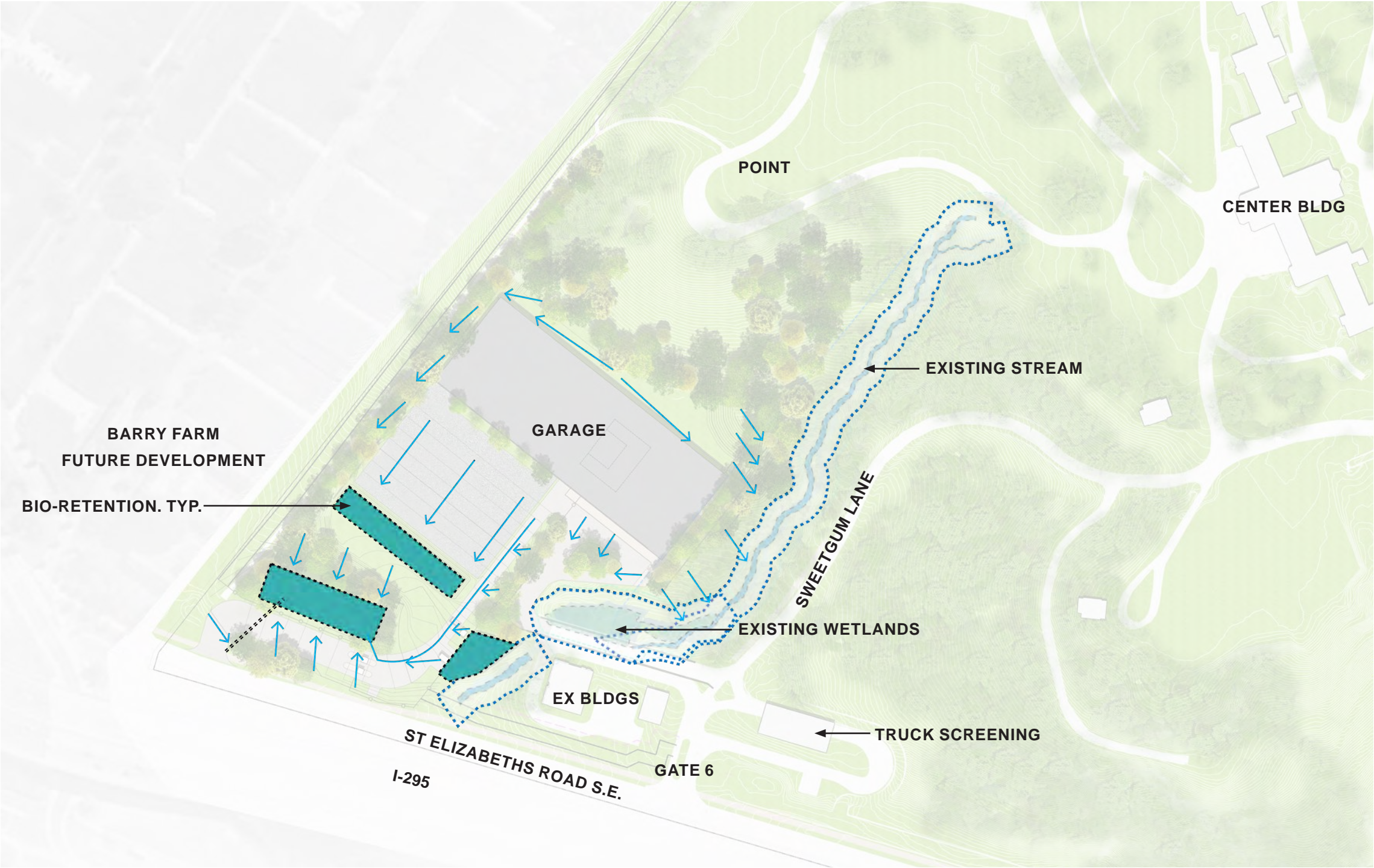
NORTH - SOUTH SITE SECTION LOOKING EAST



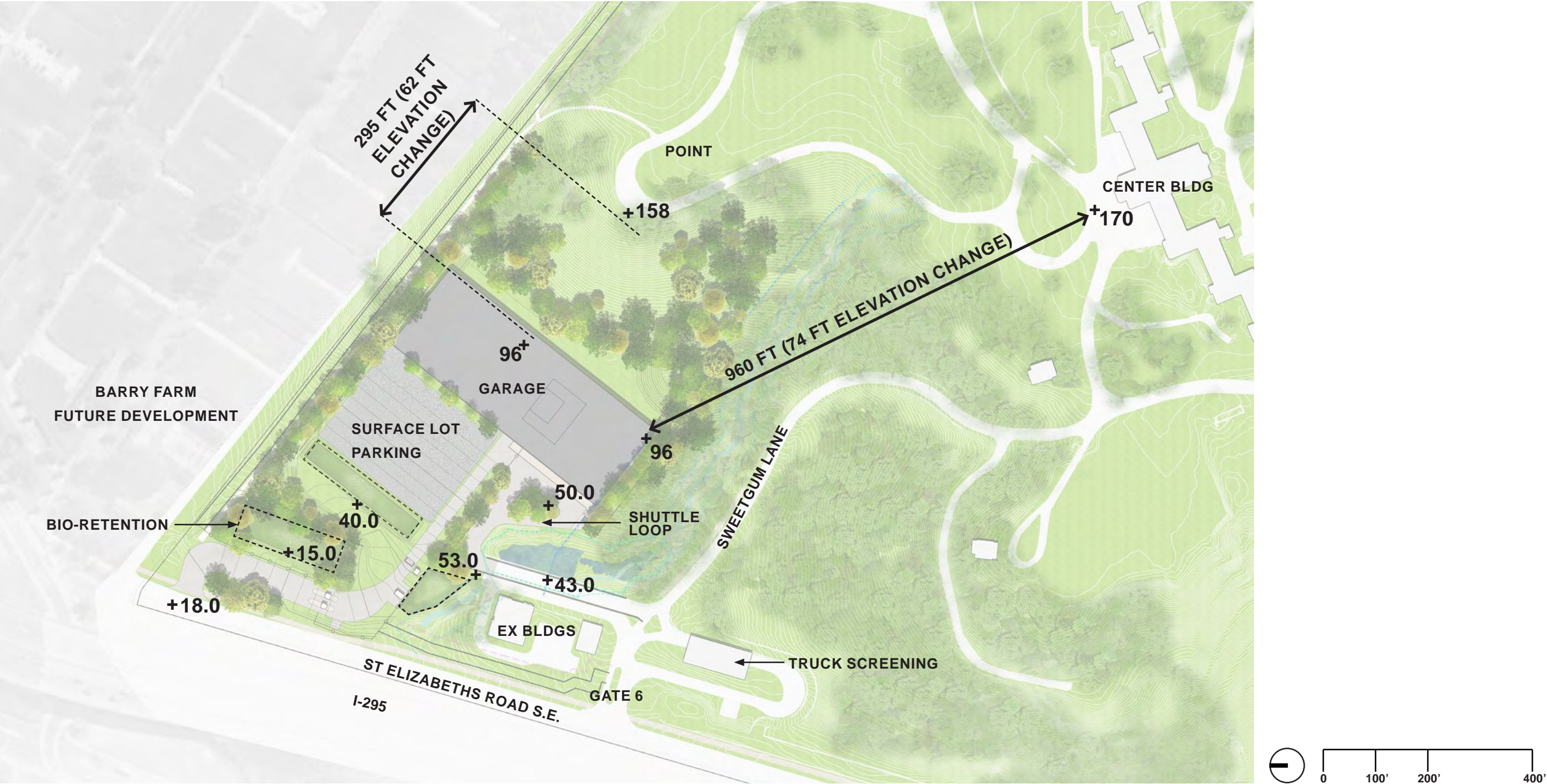
PROPOSED CIRCULATION AND STRUCTURES



PROPOSED STORMWATER DIAGRAM



PROPOSED TOPOGRAPHY & ELEVATIONS

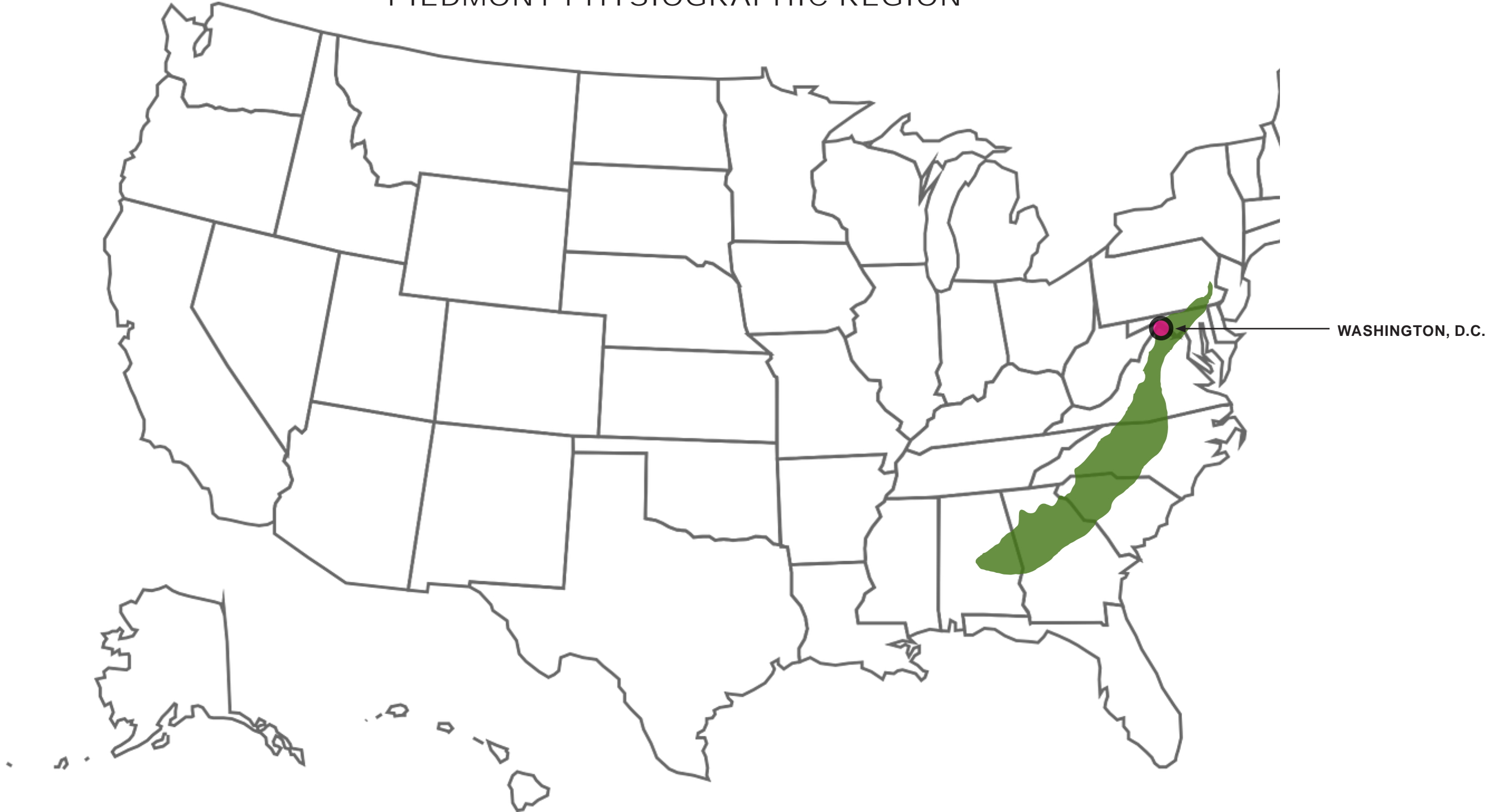


PROPOSED PLANTING & VIEWS



PLANTING CONCEPT - REGIONAL CONTEXT

PIEDMONT PHYSIOGRAPHIC REGION



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PLANTING CONCEPT - REGIONAL CONTEXT



PLANT COMMUNITIES

MESIC MIXED HARDWOOD FOREST

The most common type of plant community, sandwiched between the most- and least-fertile soils on moderate slopes, this forest is made of American Beech, Oak, and Tulip trees.

BASIC MESIC HARDWOOD FOREST

Found in low-lying areas with moist, fertile soils, this type of forest is the most diverse. Look for large-diameter Tulip trees, Sugar maples, Mayapples, and Paw Paws.



LANDSCAPE TRANSECT - ECOTONES

UPLAND WOODLAND

MIXED MESIC HARDWOOD FOREST - INCLUDES TULIP POPLARS, MAPLES, OAKS, AND HICKORY TREES

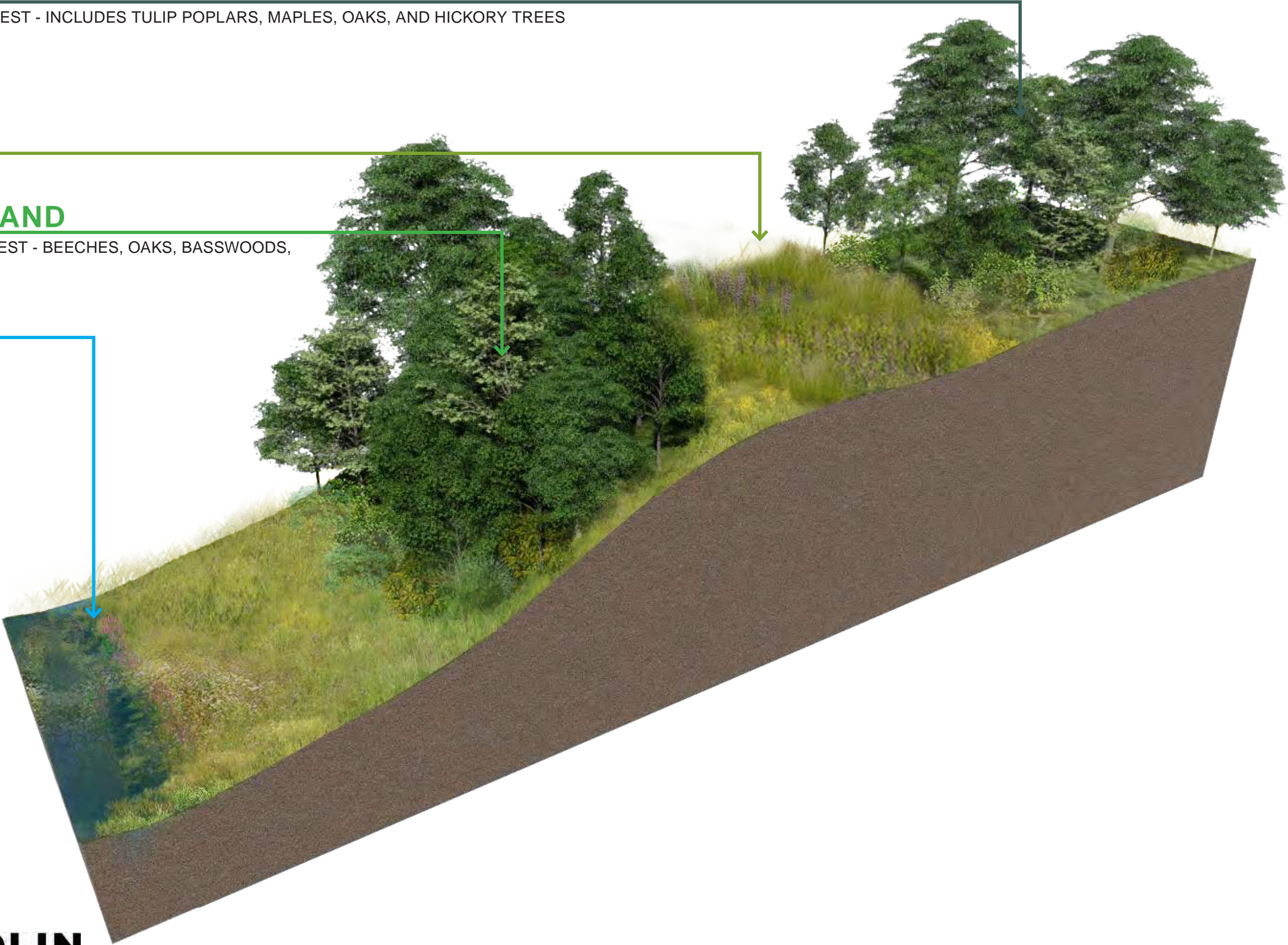
MEADOW

RAVINE WOODLAND

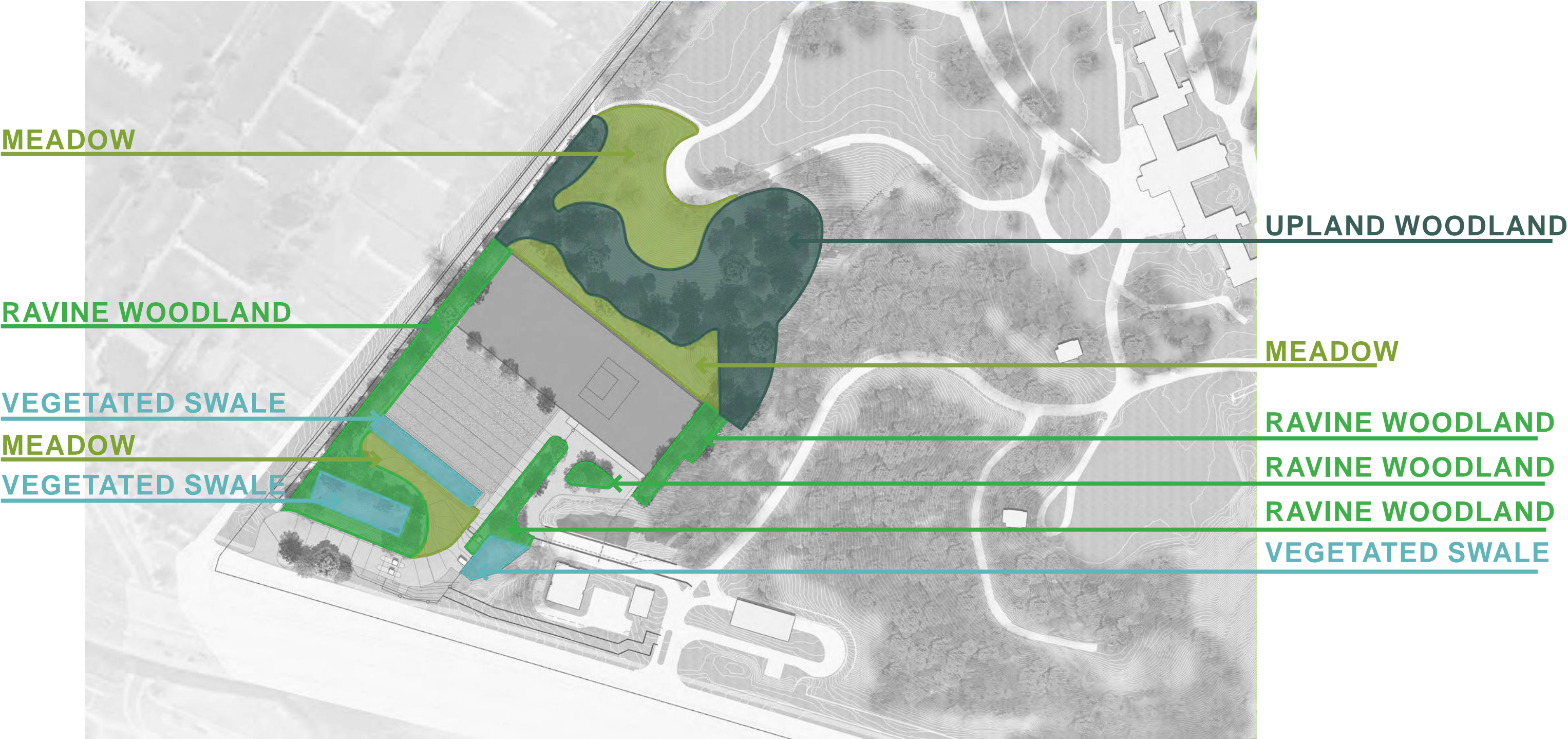
BASIC MESIC HARDWOOD FOREST - BEECHES, OAKS, BASSWOODS, AND TULIP TREES

RIPARIAN EDGE

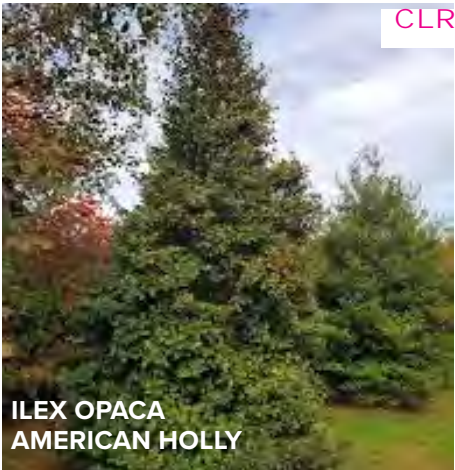
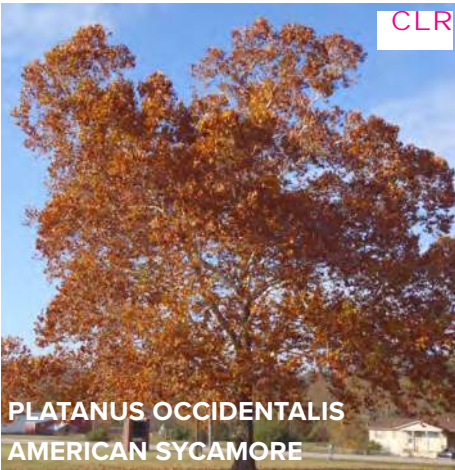
VEGETATED SWALE



PLANTING CONCEPT



PLANTING PALETTE - SELECT TREE SPECIES



PLANTING PALETTE - GARAGE PLANTERS



ILEX VERTICILLATA
WINTERBERRY HOLLY



COREOPSIS VERTICILLATA
THREADLEAF TICKSEED



HYLOTELEPHIUM SPECTABILE
'AUTUMN JOY'
AUTUMN JOY STONECROP



ACHILLEA MILLEFOLIUM
COMMON YARROW



JASMINUM NUDIFLORUM
WINTER JASMINE



ILEX CRENATA 'COMPACTA'
JAPANESE HOLLY



CORNUS SERICEA 'KELSEY'
REDOSIER DOGWOOD



PRUNUS LAUROCERASUS
'OTTO LUYKEN'
CHERRY LAUREL



ECHINACEA PURPUREA
CONEFLOWER



PHLOX DIVARICATA
LENTEN ROSE



HELLEBORUS ORIENTALIS
LENTEN ROSE



CAREX PENNSYLVANICA
PENNSYLVANIA SEDGE



4

GATE 6

PROPOSED GARAGE DESIGN

EXISTING SITE AERIAL



ON CAMPUS LANGUAGE: EXISTING CONTEXT

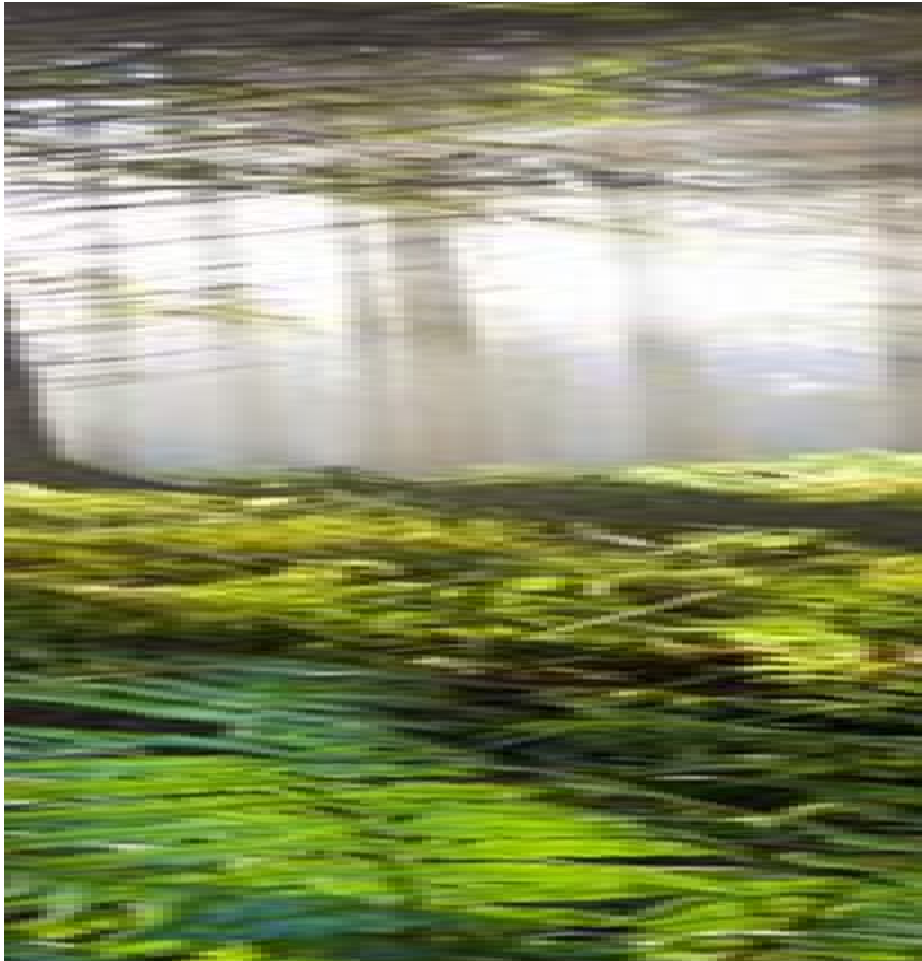
The Woodland



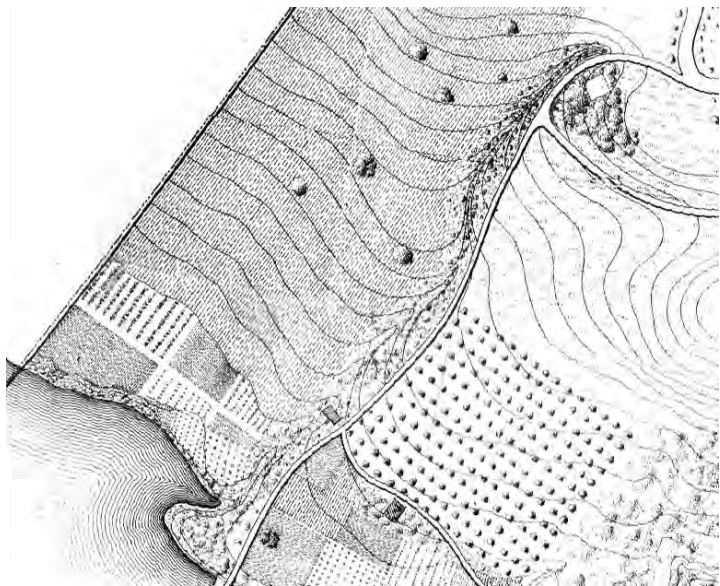
The Ravine



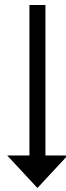
The Plateau



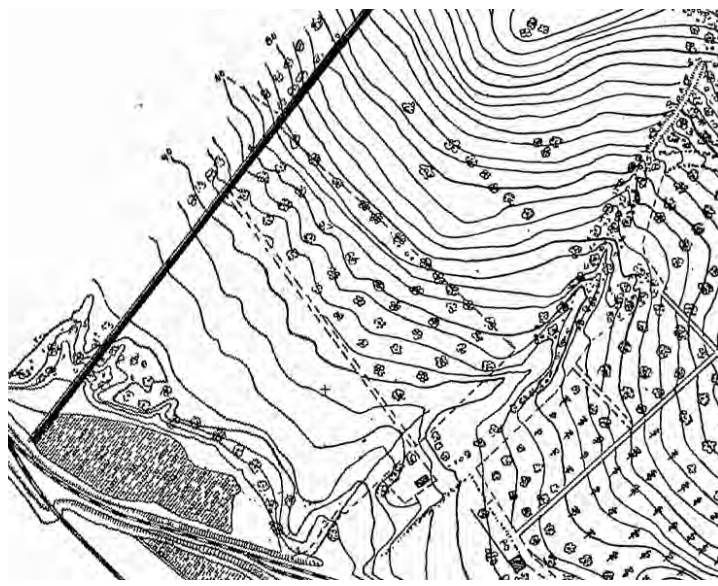
GATE 6 HISTORY + CHARACTER: FACADE CONSIDERATIONS



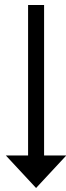
1860



GARDEN/CROPS



1908



APPLE + PEAR ORCHARDS



1948



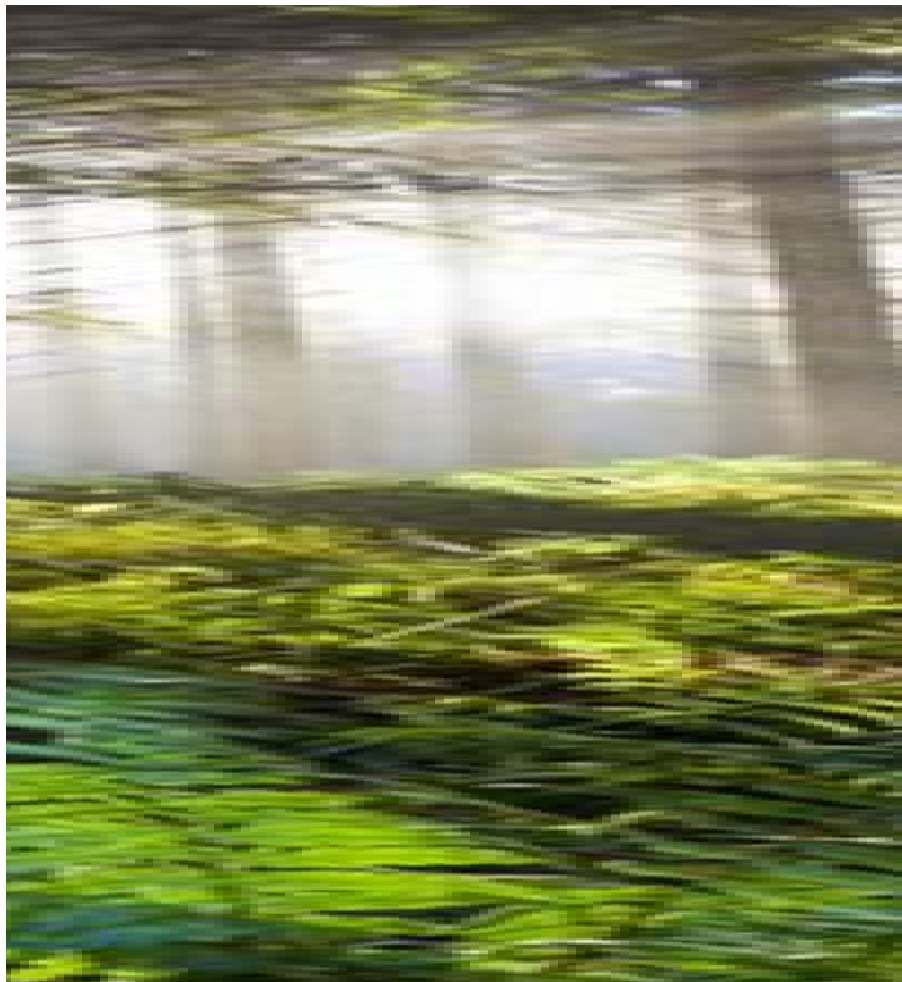
WHEAT FIELDS



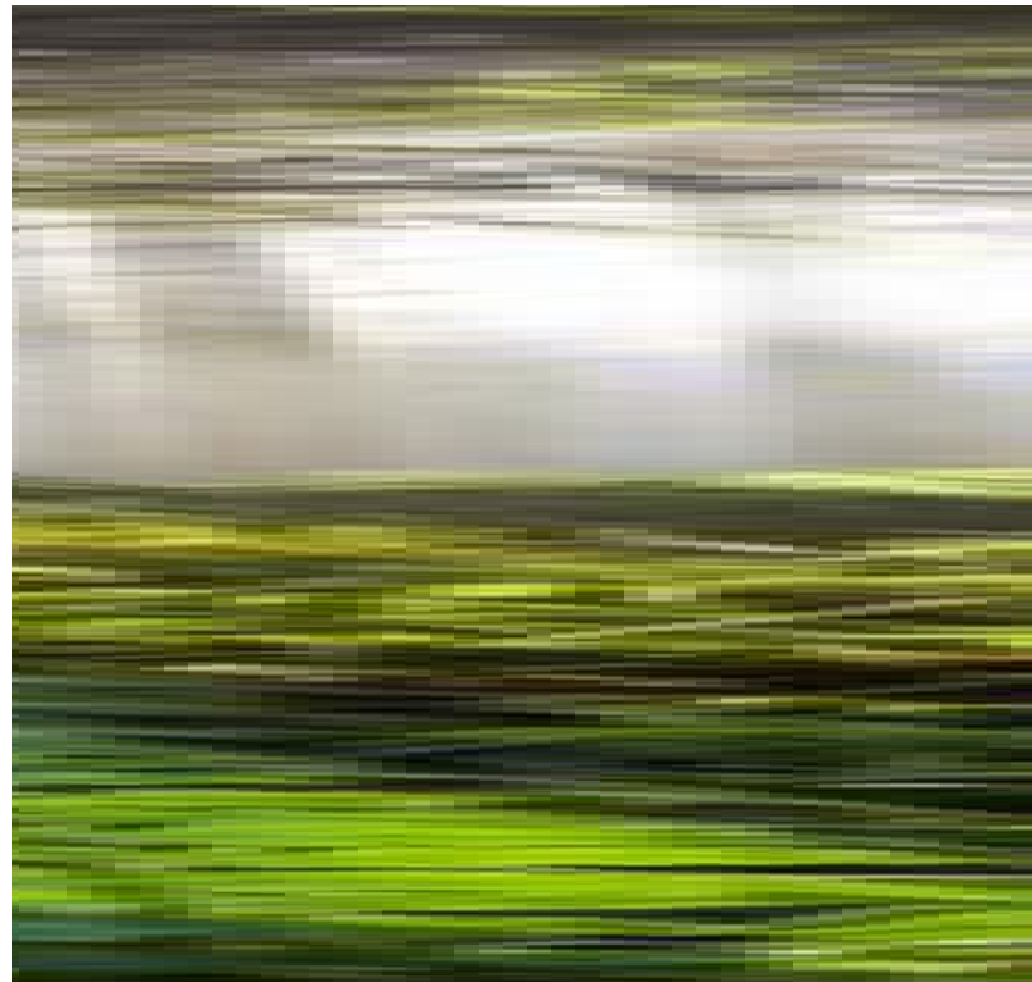
HOW COULD WE
DESIGN AT GATE
6 THAT RESPECTS
EXISTING CAMPUS
TYPOLOGIES BUT IS
SITE SPECIFIC TO THE
NORTHWEST SLOPE?

ON CAMPUS LANGUAGE: EXISTING CONTEXT - FACADE CONSIDERATIONS

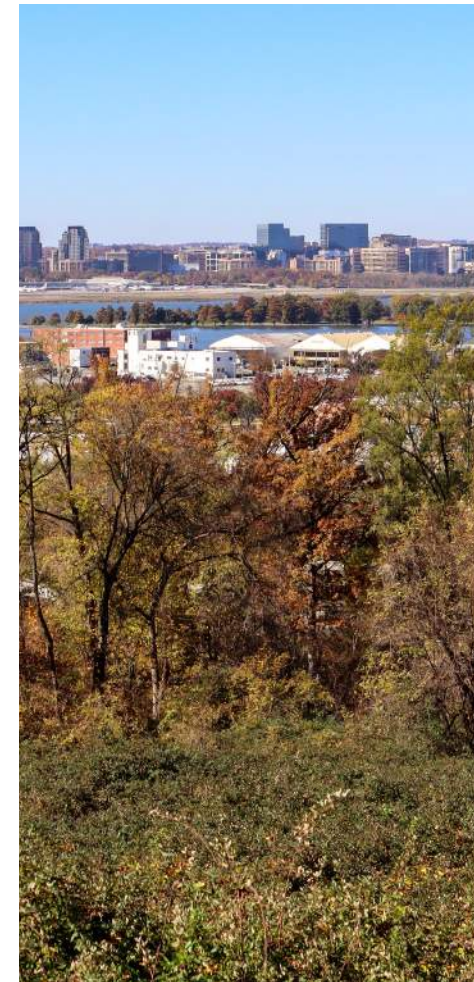
The Woodland



The Ravine



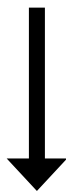
The Orchard



THE ORCHARDS

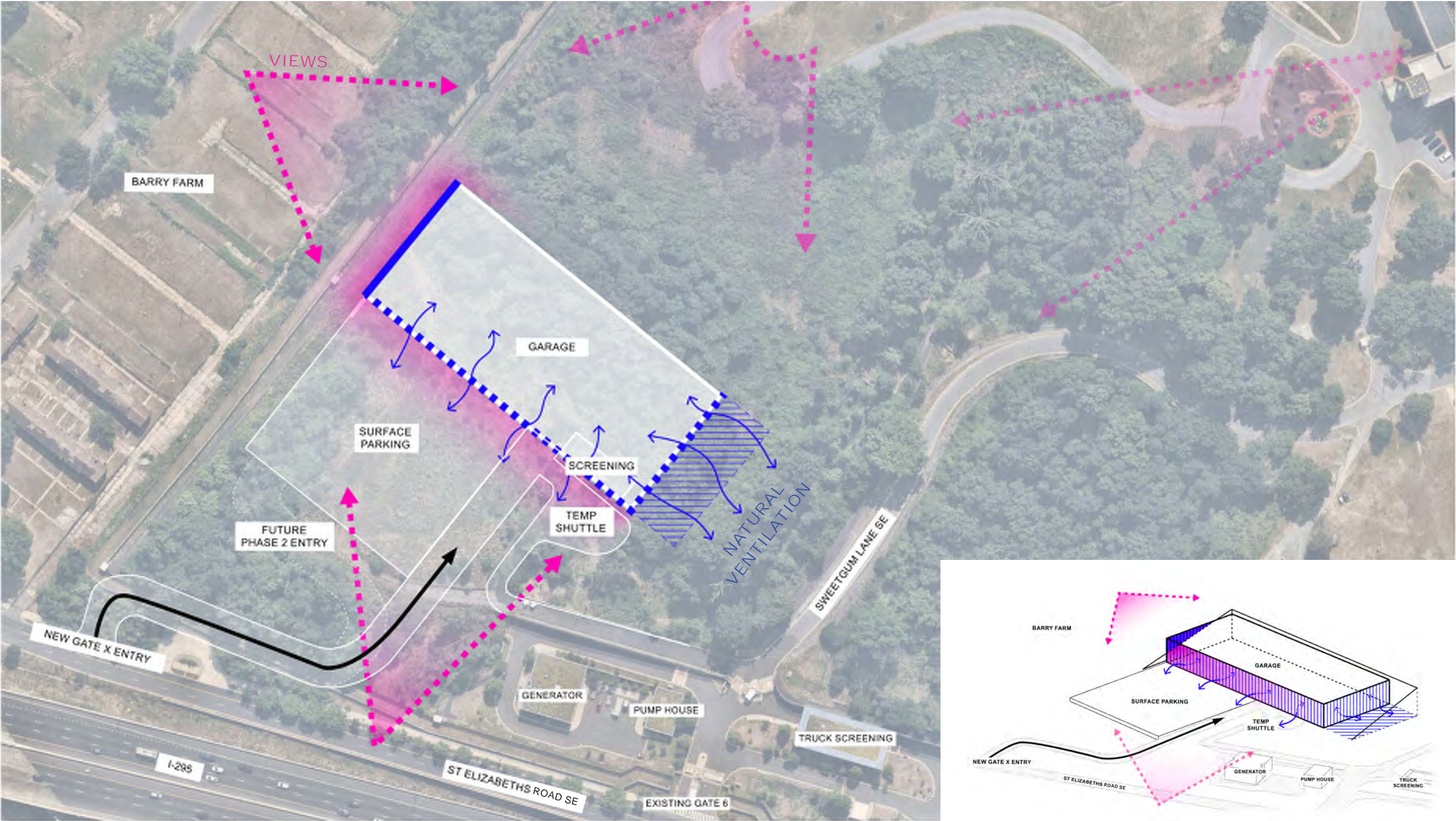


ORDER
DENSITY
VARIATION
TEXTURE

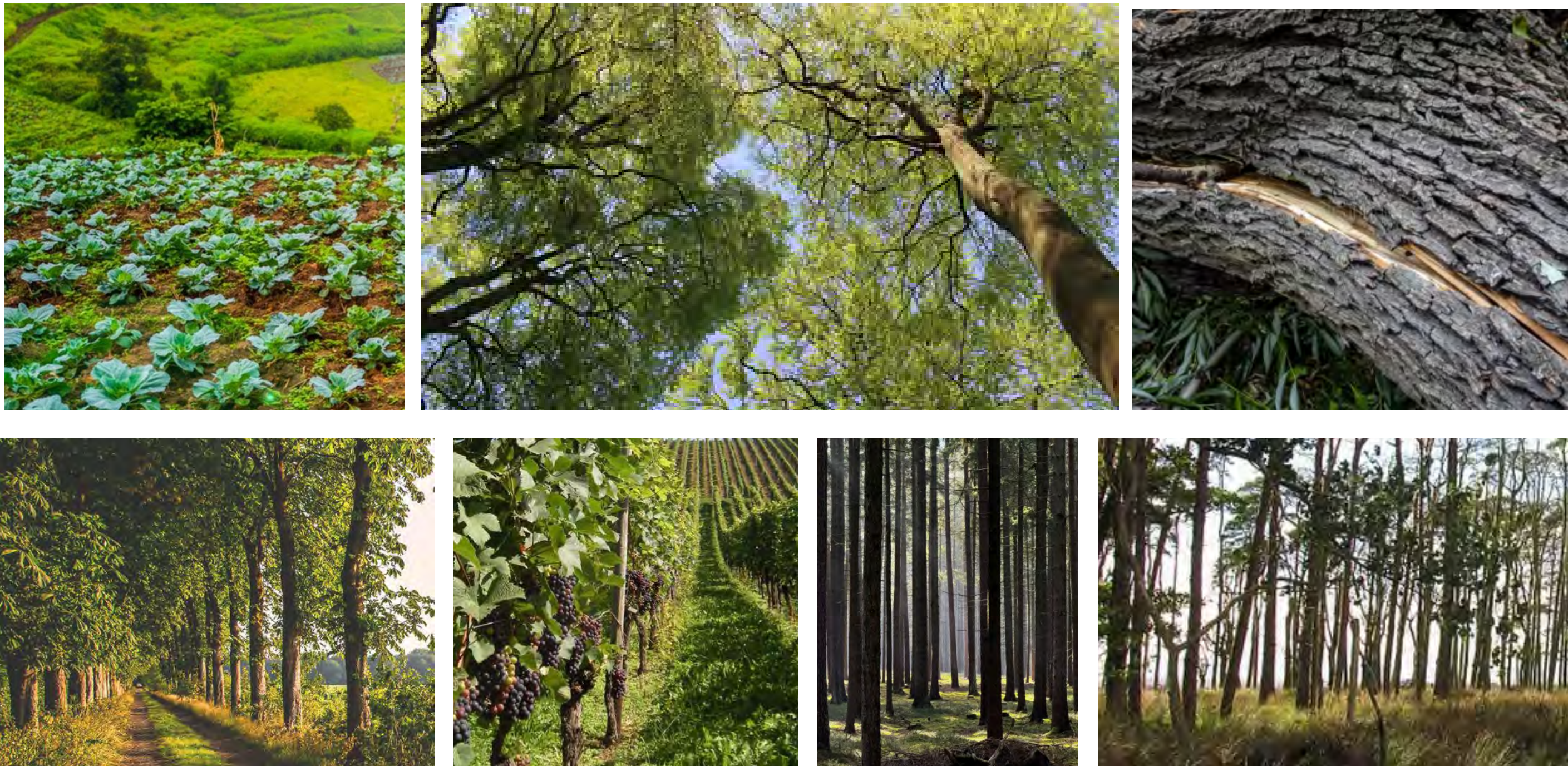


FILTER
DEPTH
SCALE
LAYERING

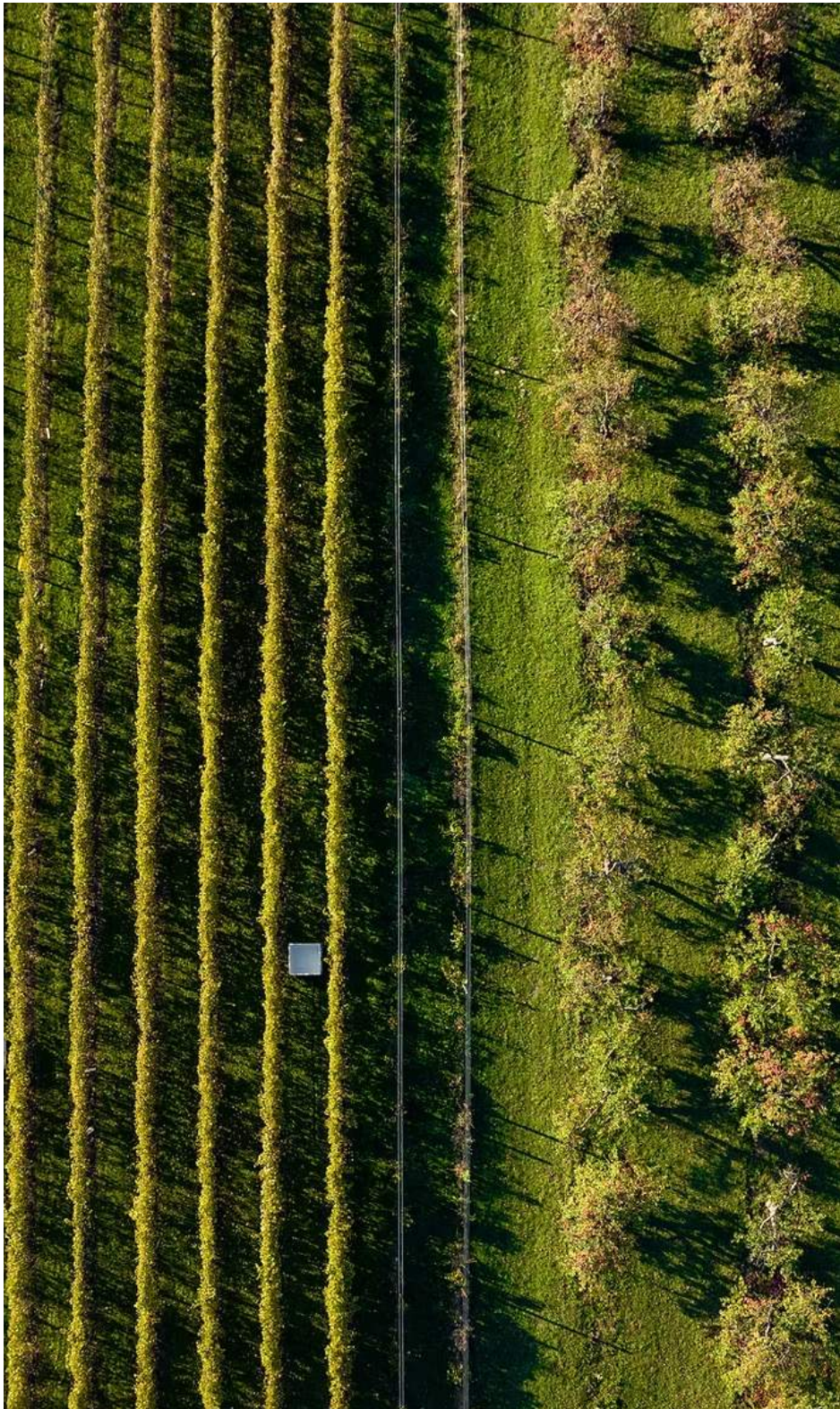
DESIGN DRIVERS - EXTERIOR CLADDING



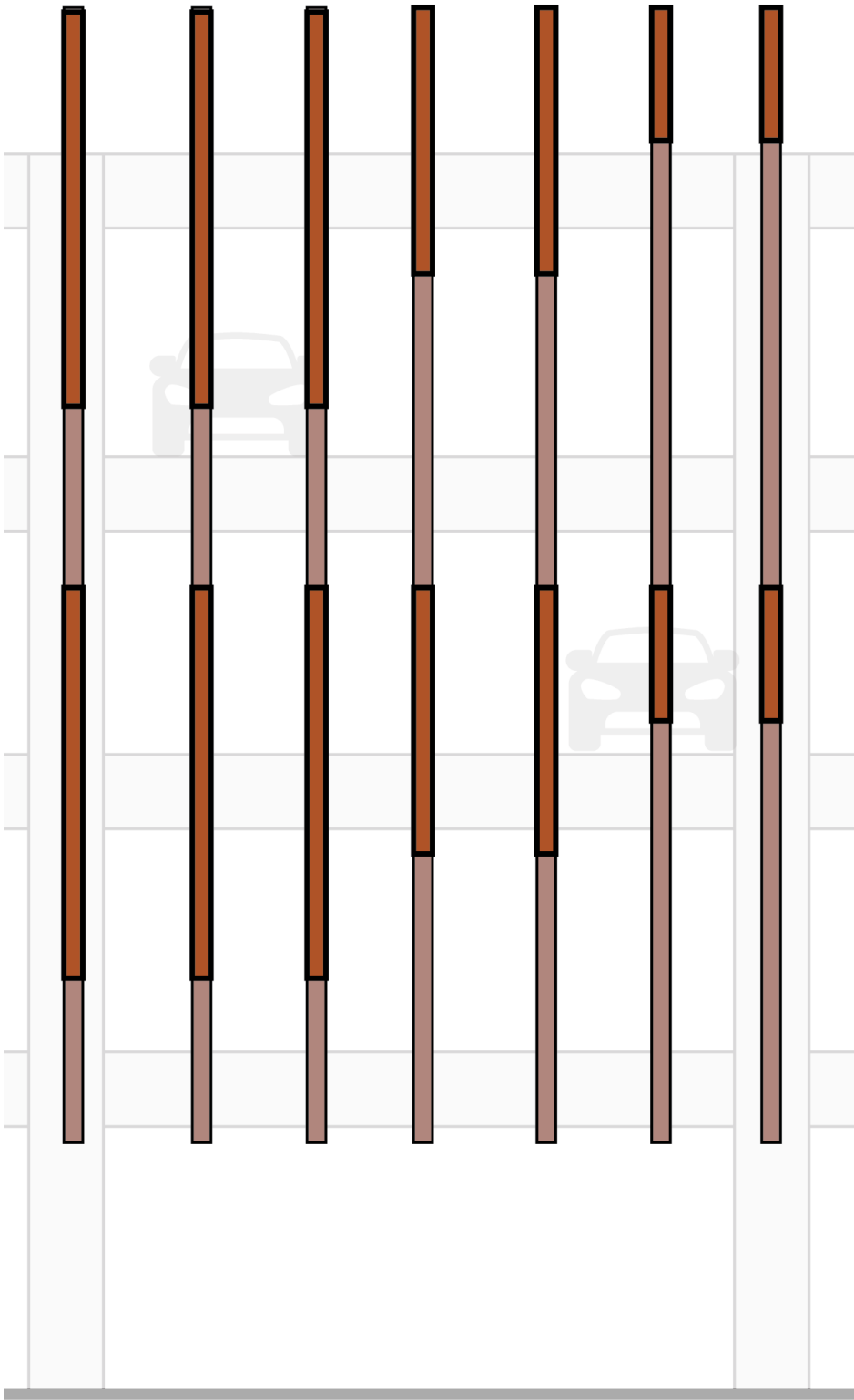
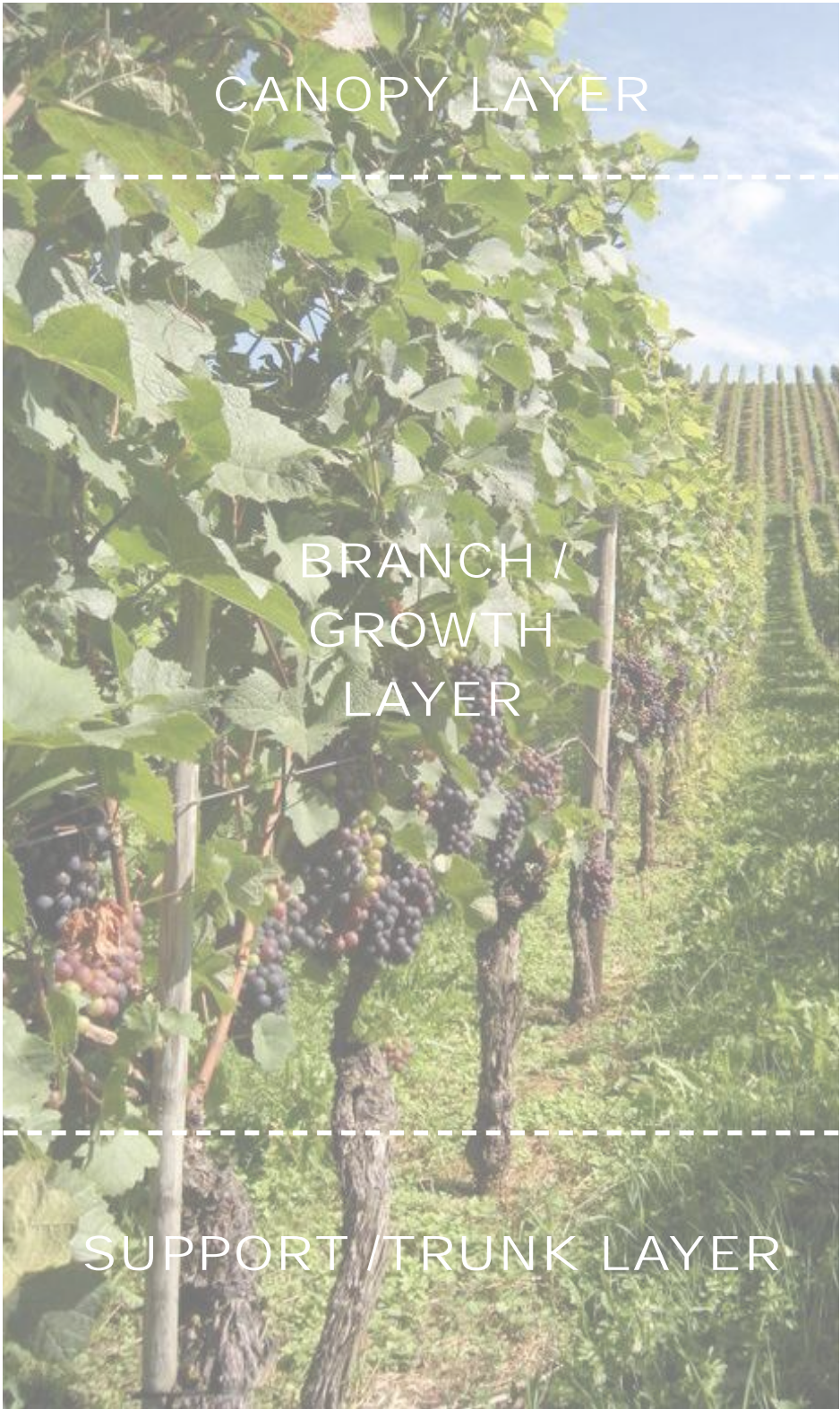
GATE 6 CHARACTER - FACADE ARTICULATION: ESTABLISHING A CONCEPT



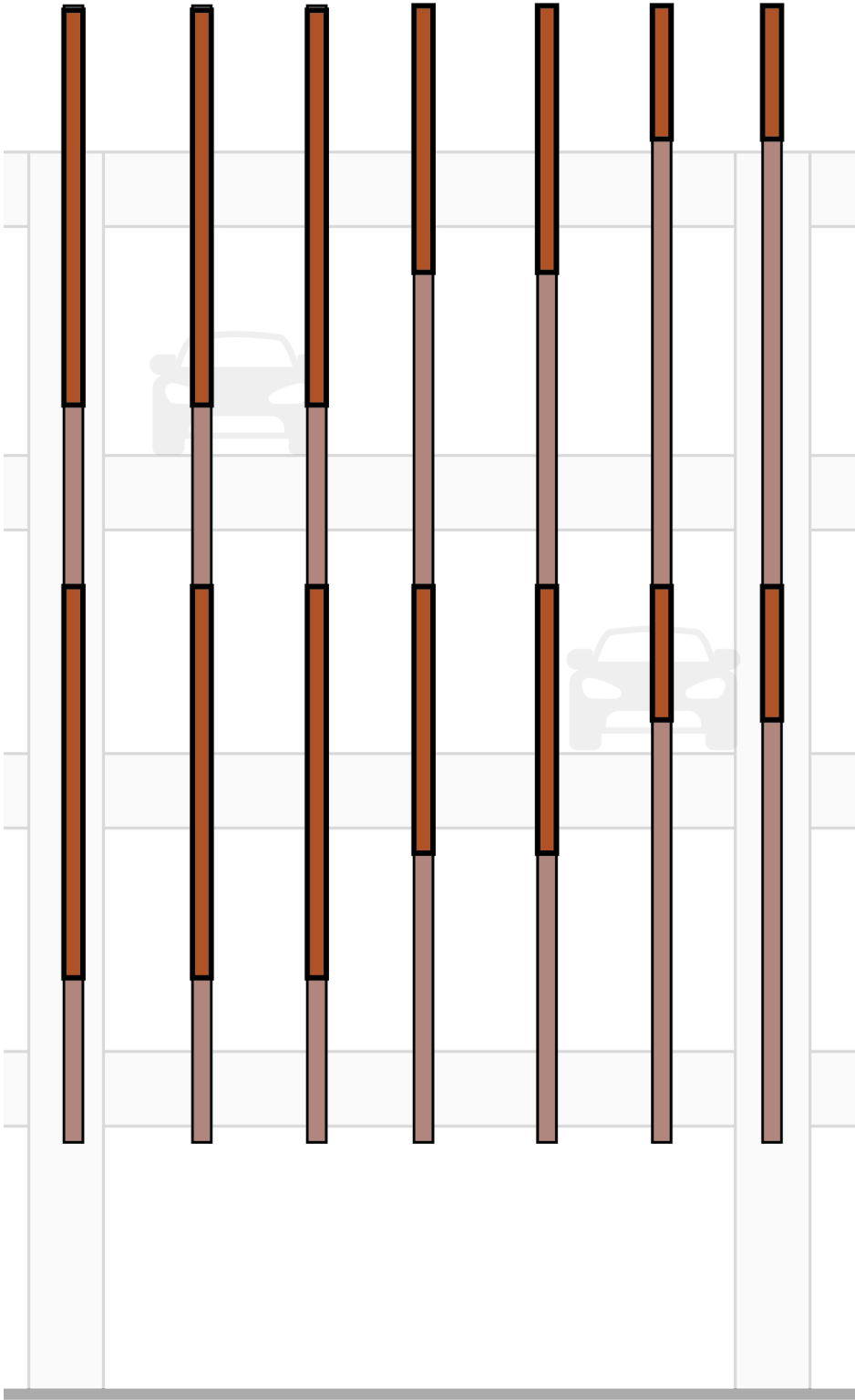
GATE 6 CHARACTER - FACADE ARTICULATION: ESTABLISHING A CONCEPT



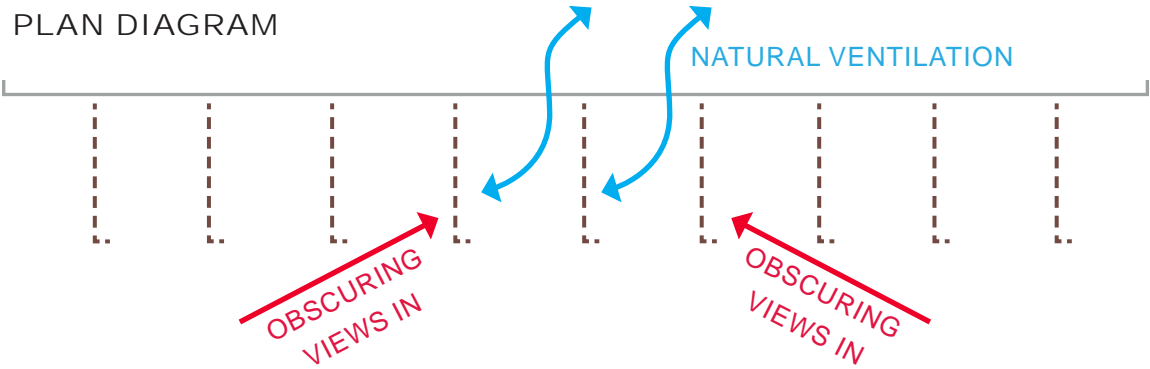
GATE 6 CHARACTER - FACADE ARTICULATION: ESTABLISHING A CONCEPT



GATE 6 CHARACTER - FACADE ARTICULATION: ESTABLISHING A CONCEPT



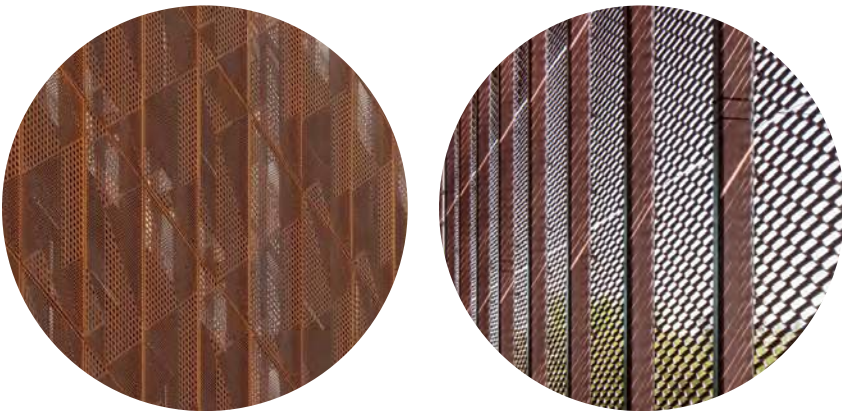
GATE 6 CHARACTER - FACADE ARTICULATION: ESTABLISHING A CONCEPT



FACADE ARTICULATION & MATERIALITY



PROPOSED PALETTE



EXISTING CAMPUS PALETTE



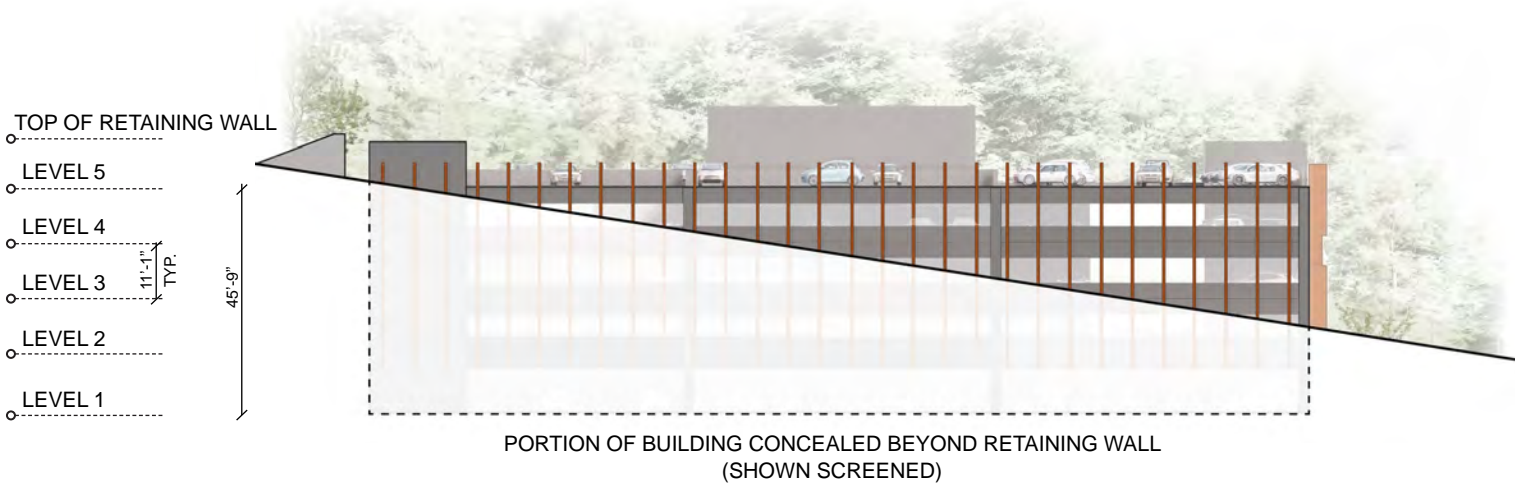
VIEW ABOVE SURFACE LOT LOOKING SOUTHEAST



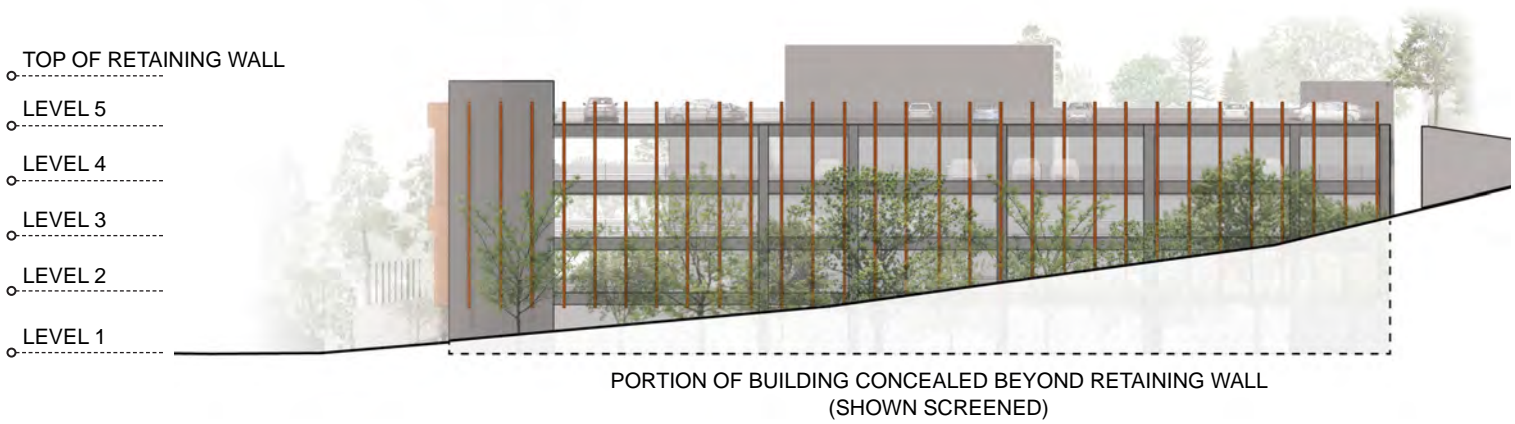
ELEVATIONS



01 - WEST ELEVATION



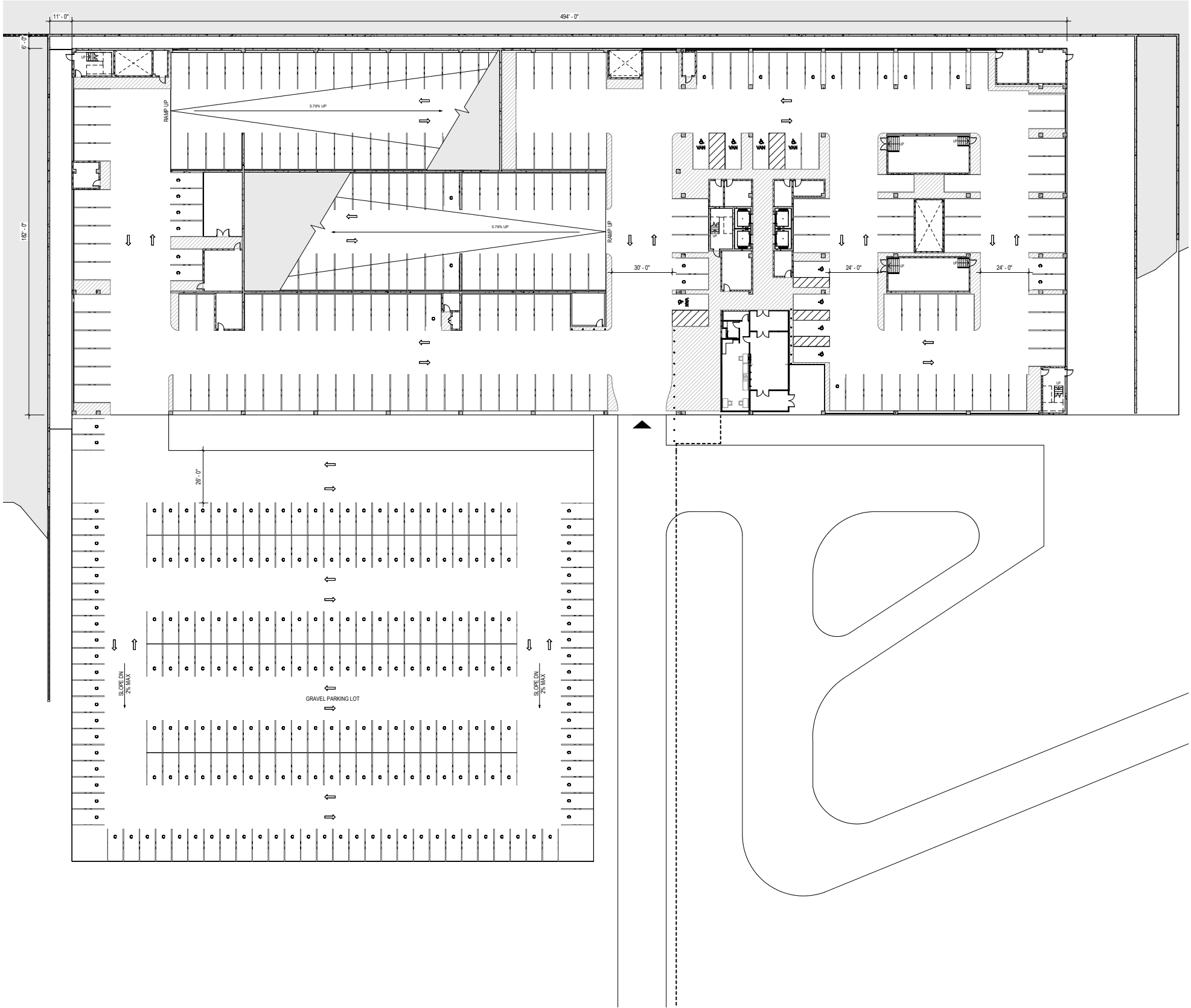
02 - NORTH ELEVATION



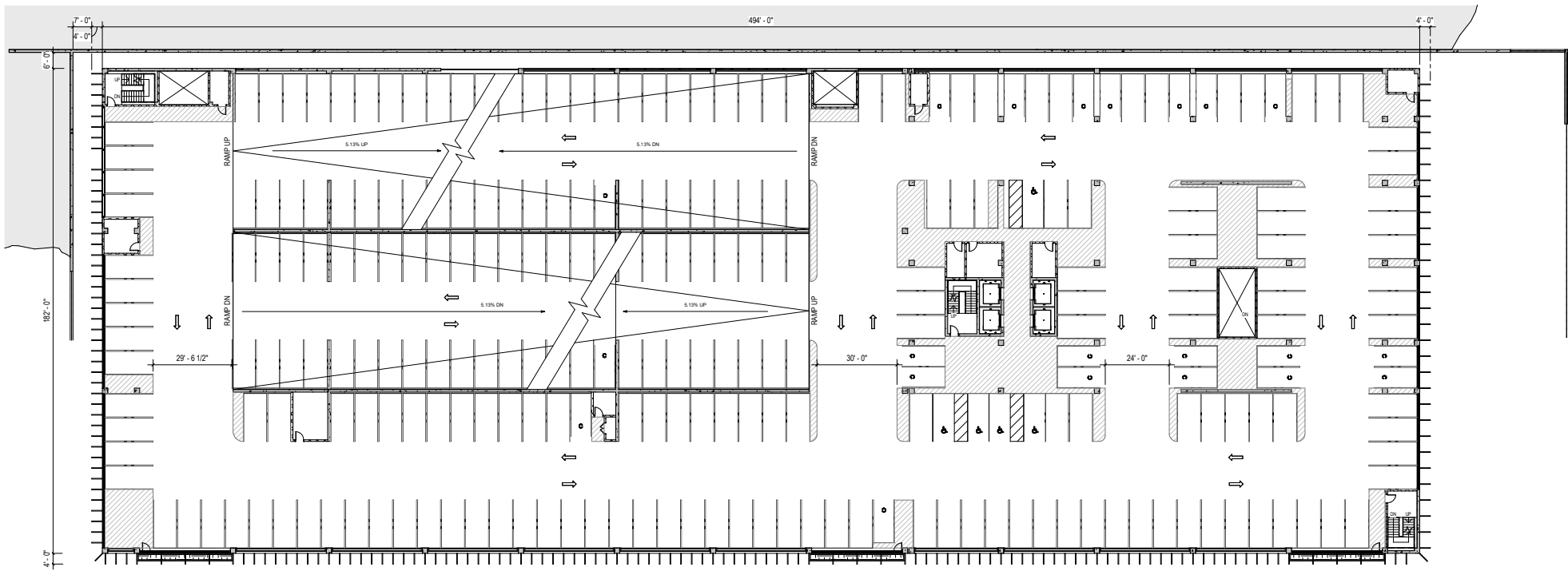
03 - SOUTH ELEVATION



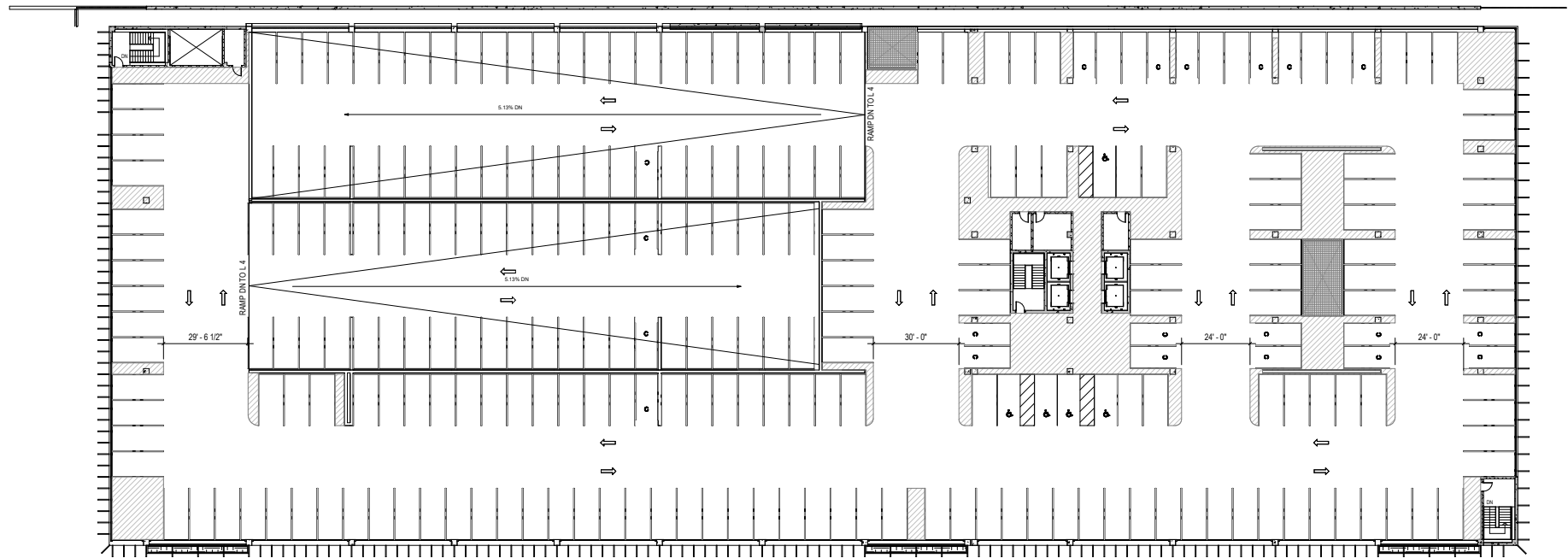
FLOOR PLAN - LEVEL 1



FLOOR PLANS



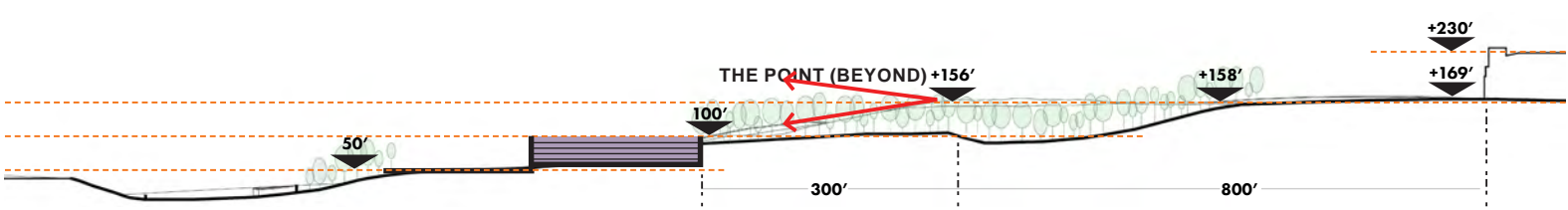
TYPICAL LEVEL (LEVELS 2-4)



LEVEL 5



VIEW FROM POINT LOOKING WEST



VIEW FROM SWEETGUM LANE





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VIEW OVER SHUTTLE LOOP LOOKING NORTH



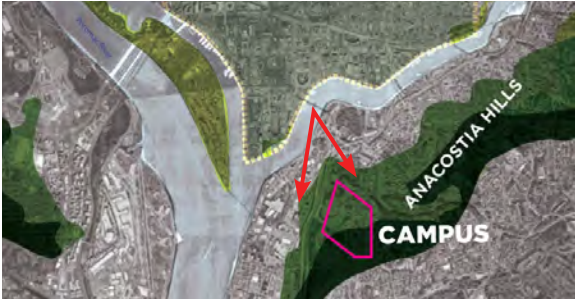
VIEW FROM I-295



VIEW FROM FREDERICK DOUGLASS MEMORIAL BRIDGE



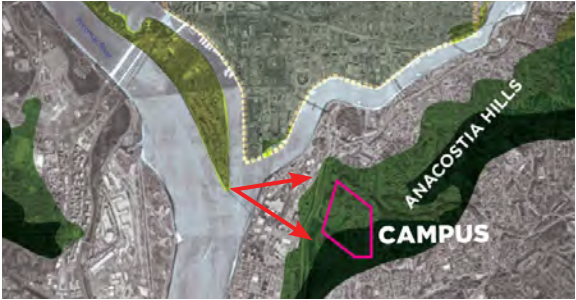
**STREET VIEW FROM DECEMBER 2022



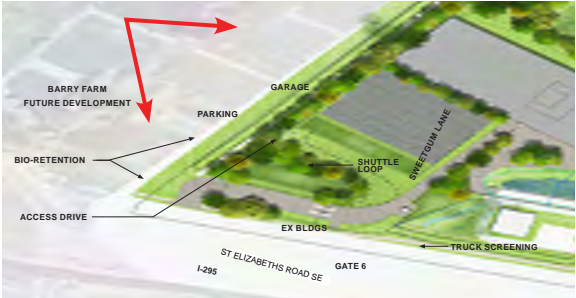
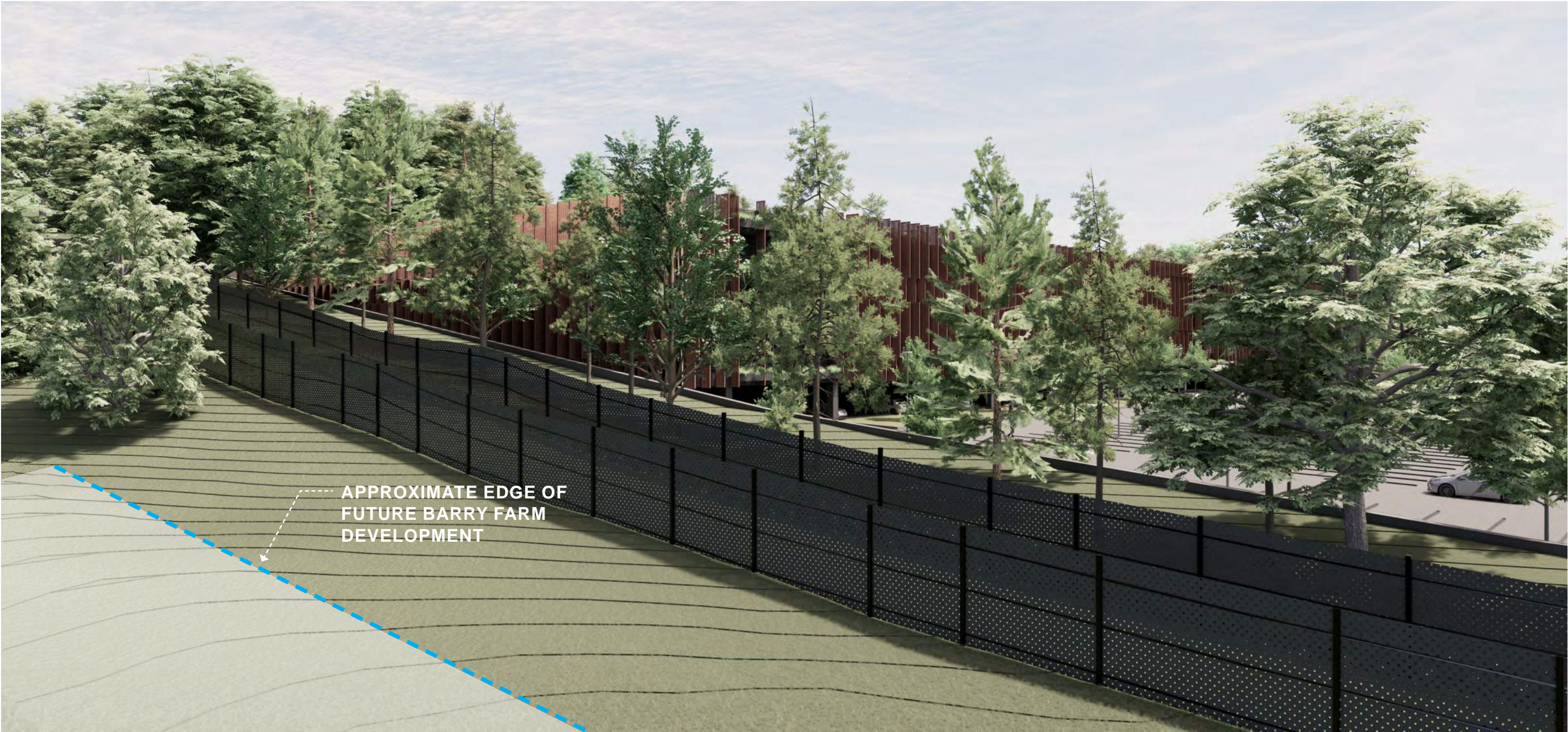
VIEW FROM HAINS POINT



**STREET VIEW FROM FEBRUARY 2020



VIEW FROM BARRY FARM LOOKING SOUTH



VIEW FROM SURFACE LOT LOOKING SOUTH



VIEW ABOVE SURFACE LOT (NIGHT)



VIEW ABOVE SURFACE LOT LOOKING SOUTHEAST

