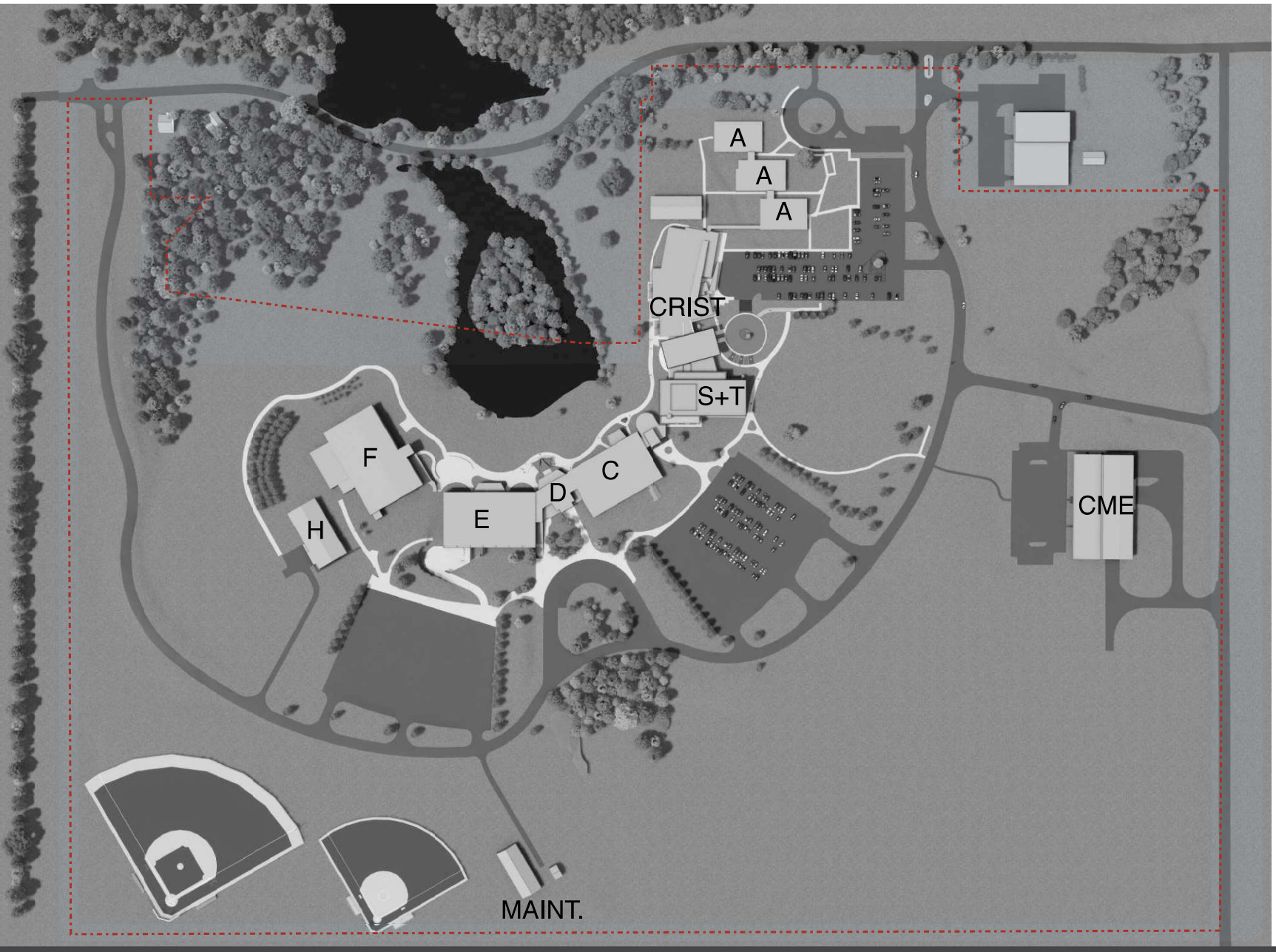
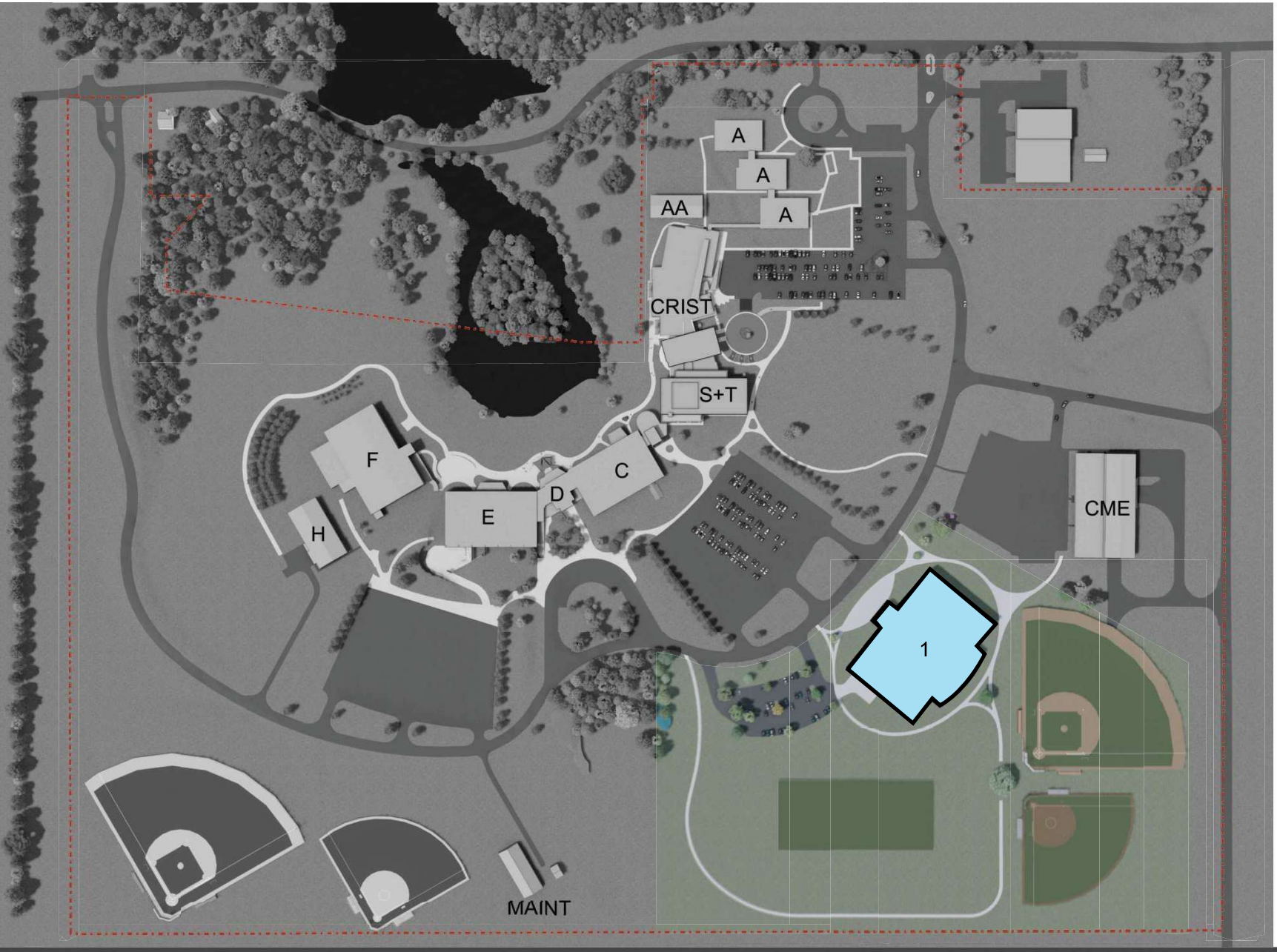
EXISTING CONDITIONS





CHARGER CENTER

Flexible, multi-purpose event center capable of hosting sporting events, graduation, commencement and conferences.

- 3,000-Seat capacity Gymnasium

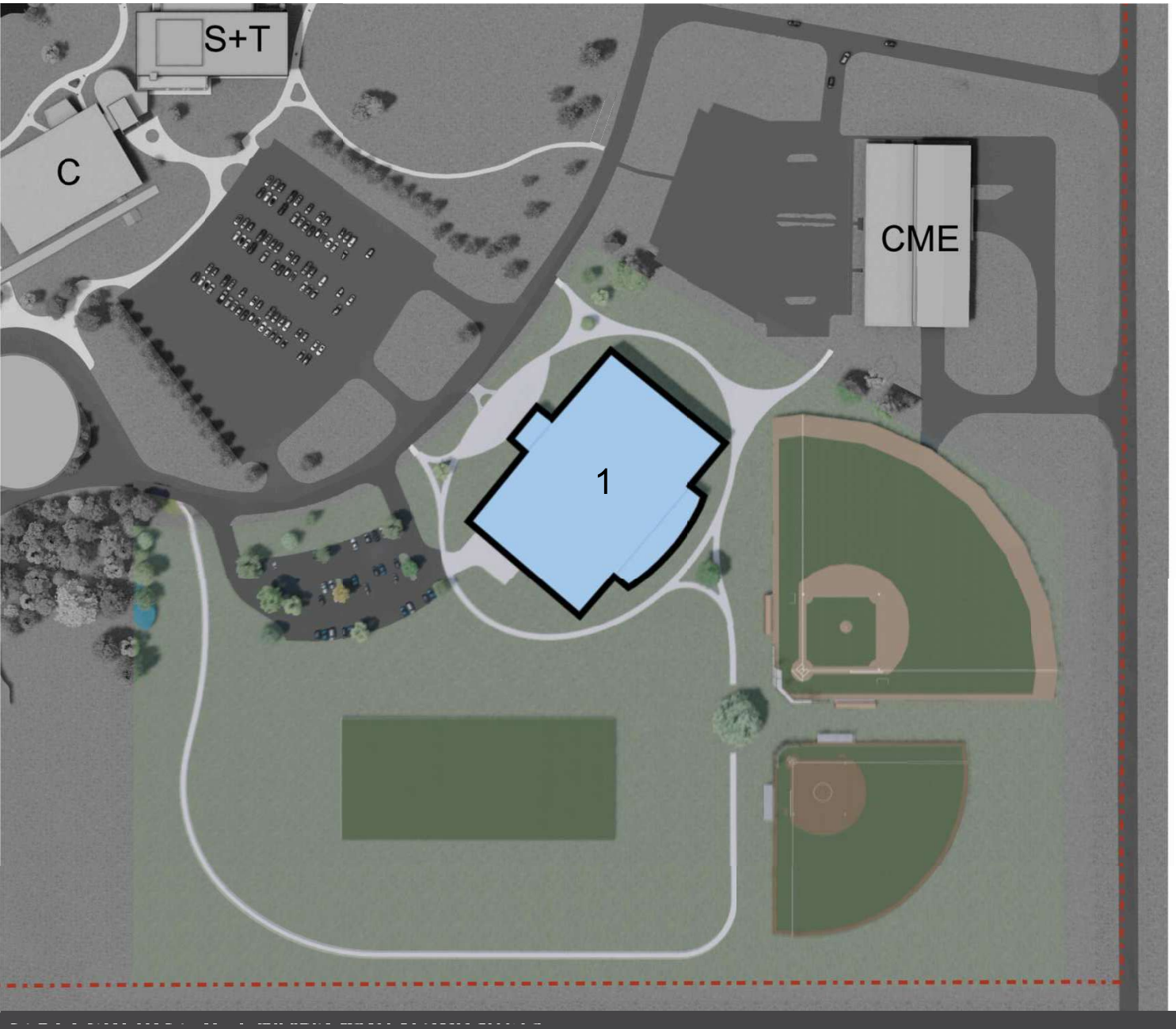
- Multi-purpose Courts

- Cardio and Weight Training

- Indoor Track

- Fitness Studios

- Esports



CHARGER CENTER SITE SUITABILITY

The proposed Charger Center is positioned on a ridge between two drainage areas, slightly elevated above the grade of Tom L. Wilson Boulevard. The removal of berms along the roadway will ensure clear visibility and proper site drainage.

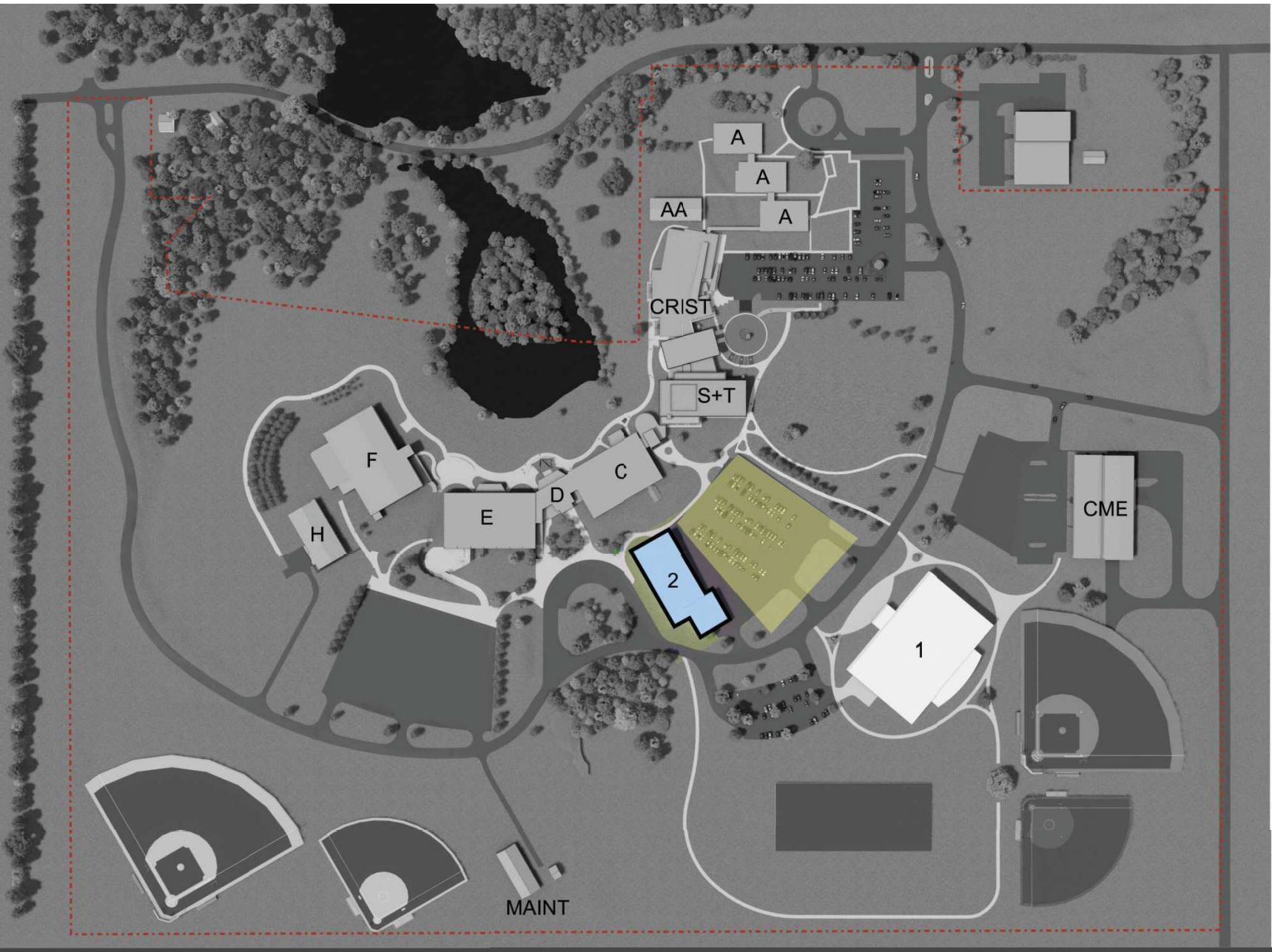
Water service to the proposed Charger Center will either be sourced from the existing CME service or, more likely, connected to the 8" campus water main. Additionally, it may tie back into the CME system to create a water main loop, enhancing system reliability.

The building, along with its associated outdoor spaces and parking, will primarily drain toward the east. It is recommended to consider the addition of a new detention basin upstream of the existing 30' storm sewer to manage stormwater effectively.

The new sanitary sewer for the proposed Charger Center could connect to the existing sewer main along Log City Trail.

The proposed Charger Center will likely require a new electrical service connection from the existing Ameren main line.

Overall, no concerns were identified with this location.

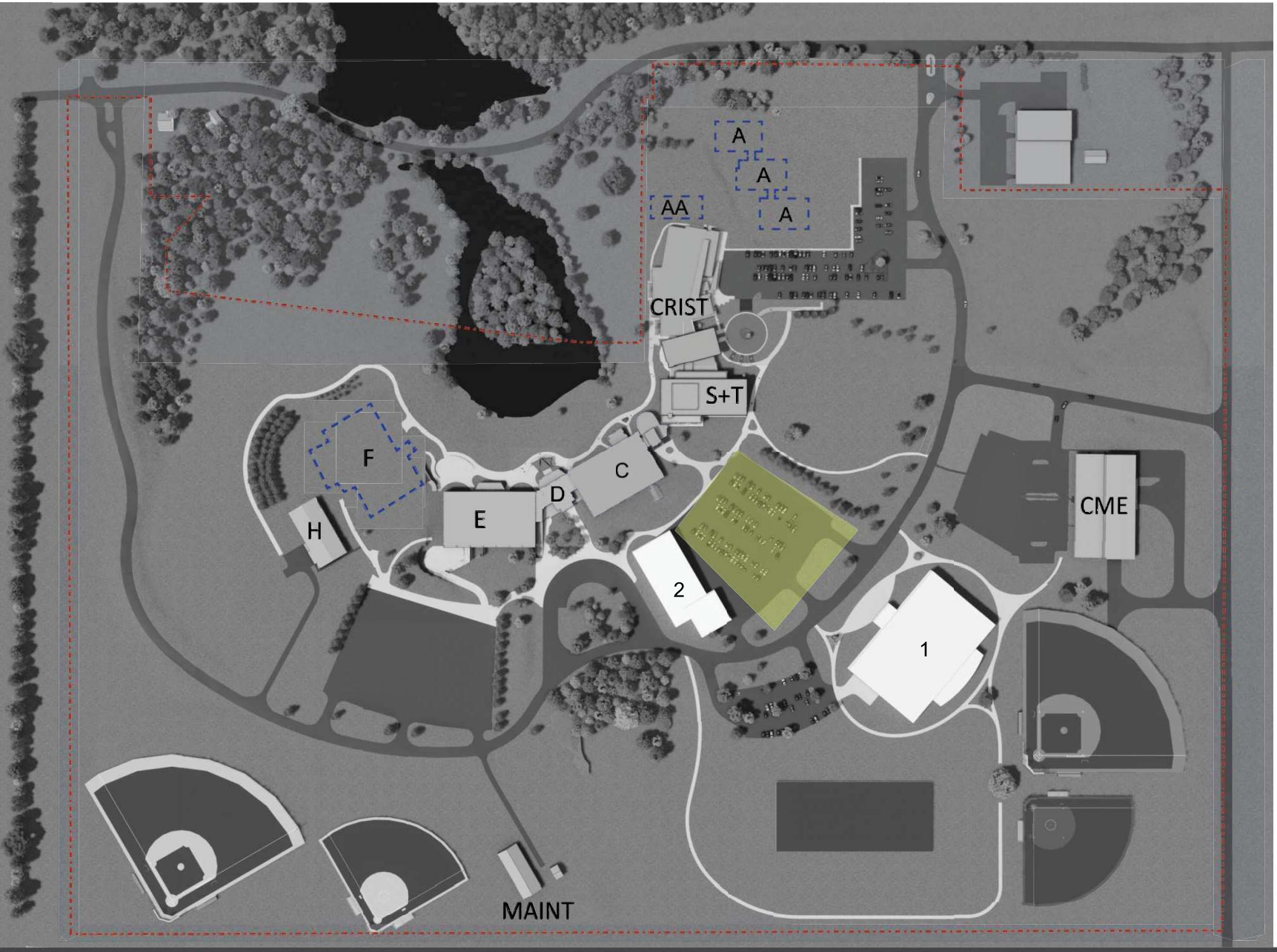


ACADEMIC BUILDING 2

46,000 sf 2-story building. Testing, Criminal Justice Humanities, Fine Arts, Black Box Theater, Business and Social Science, Art Gallery, Human Resources, Faculty, and Administration related to those areas.

PARKING IMPROVEMENTS

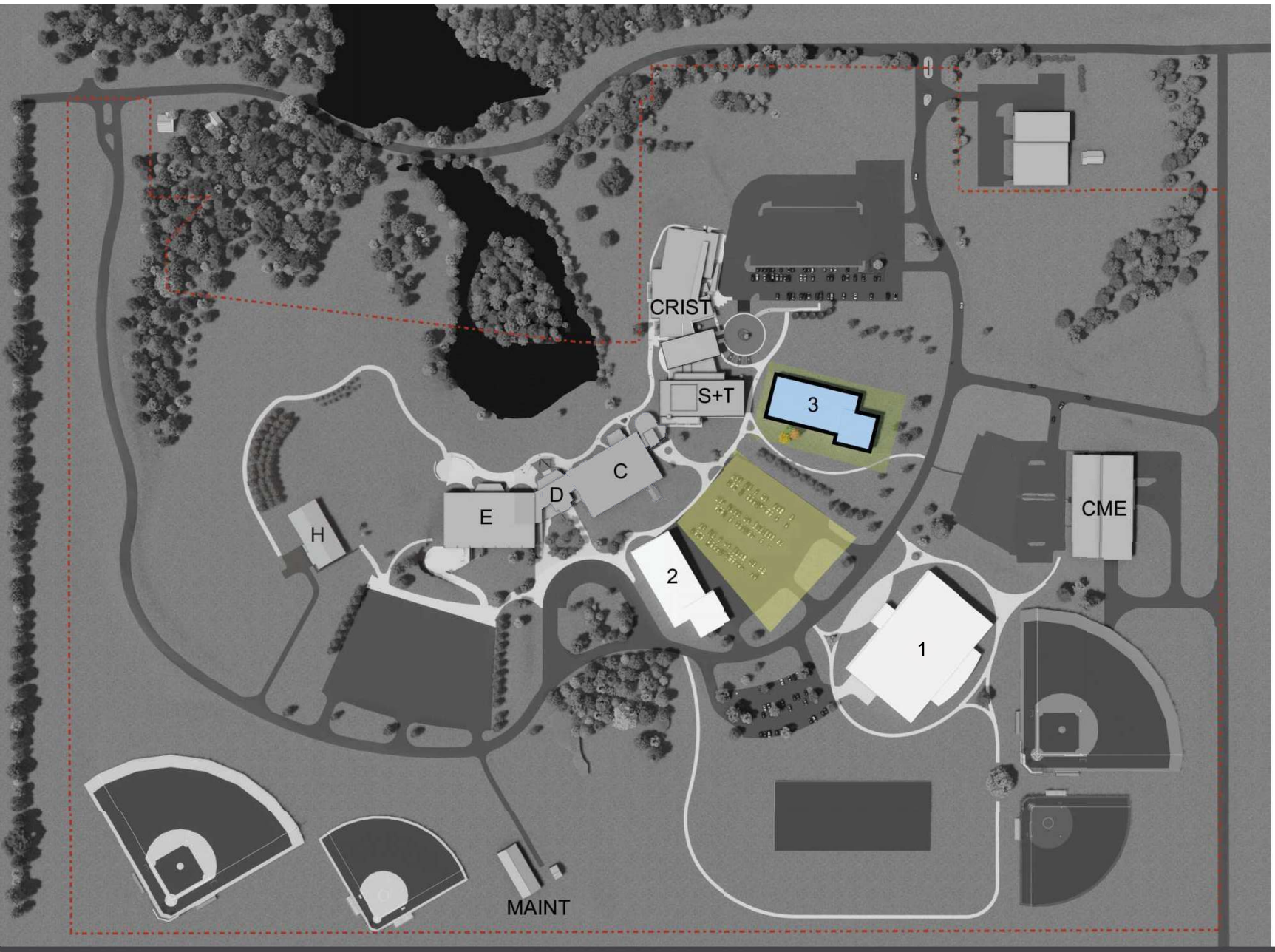
Hardscape and landscape improvements in the central parking area.



DEMOLITION

With new sports facilities in the Charger Center, and academic activities relocated to Building 2, Buildings A+AA, & F can be demolished or repurposed.

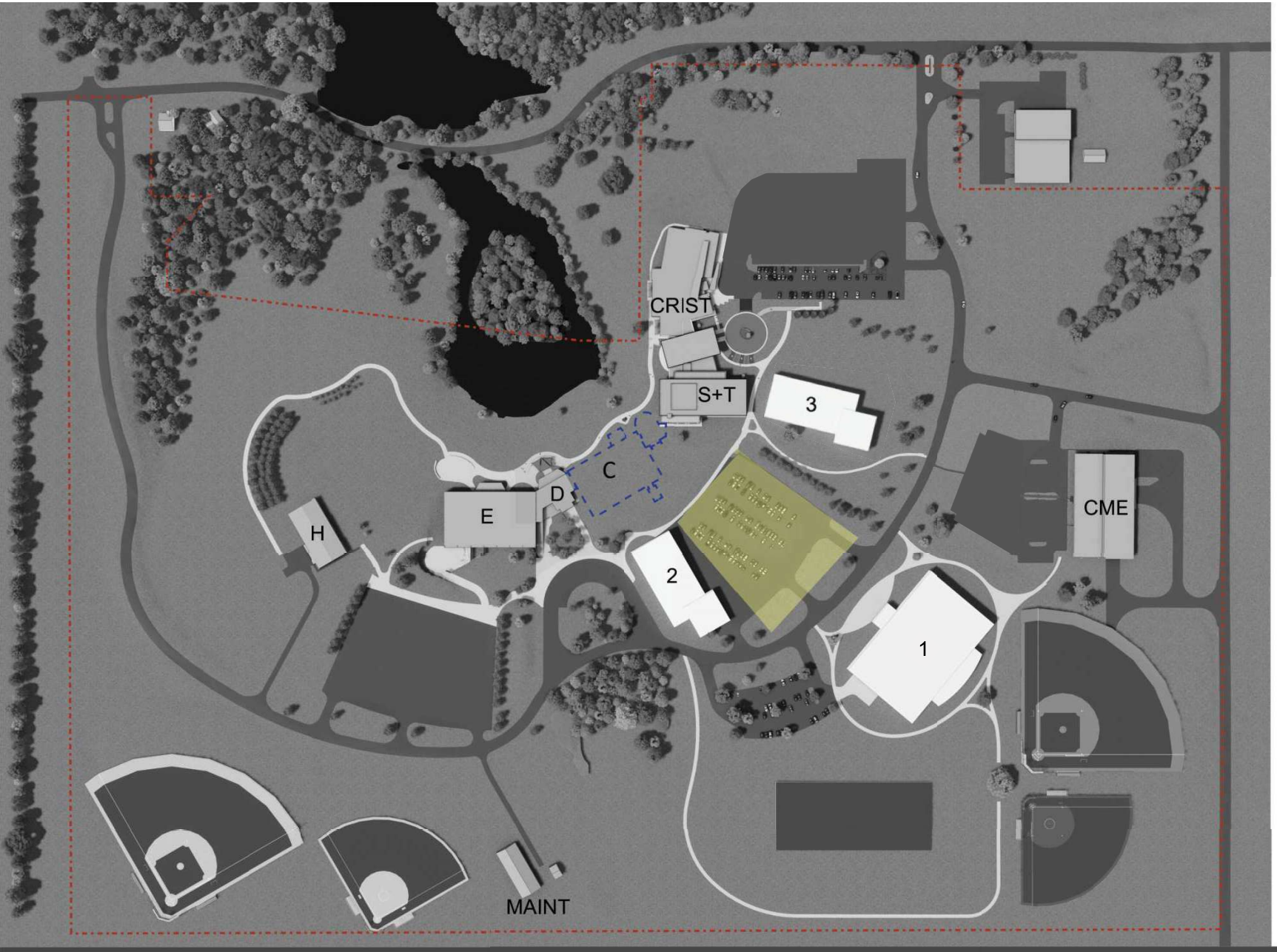
Improvements to centralized heating and cooling systems on campus.

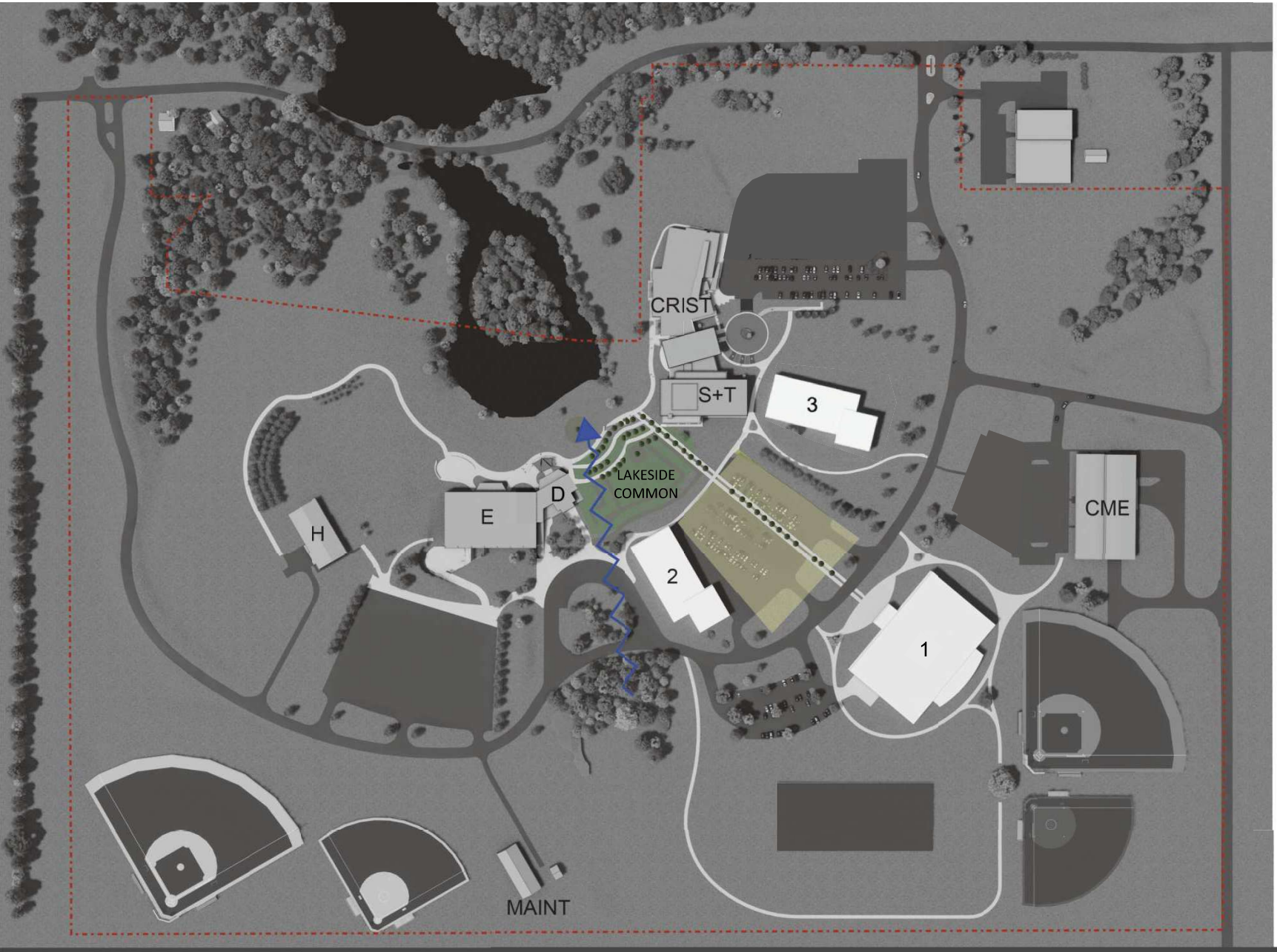


ACADEMIC BUILDING 3

New programs in science and technology, as well as mortuary science, information technology, criminal justice, and mathematics.

DEMO BUILDING C



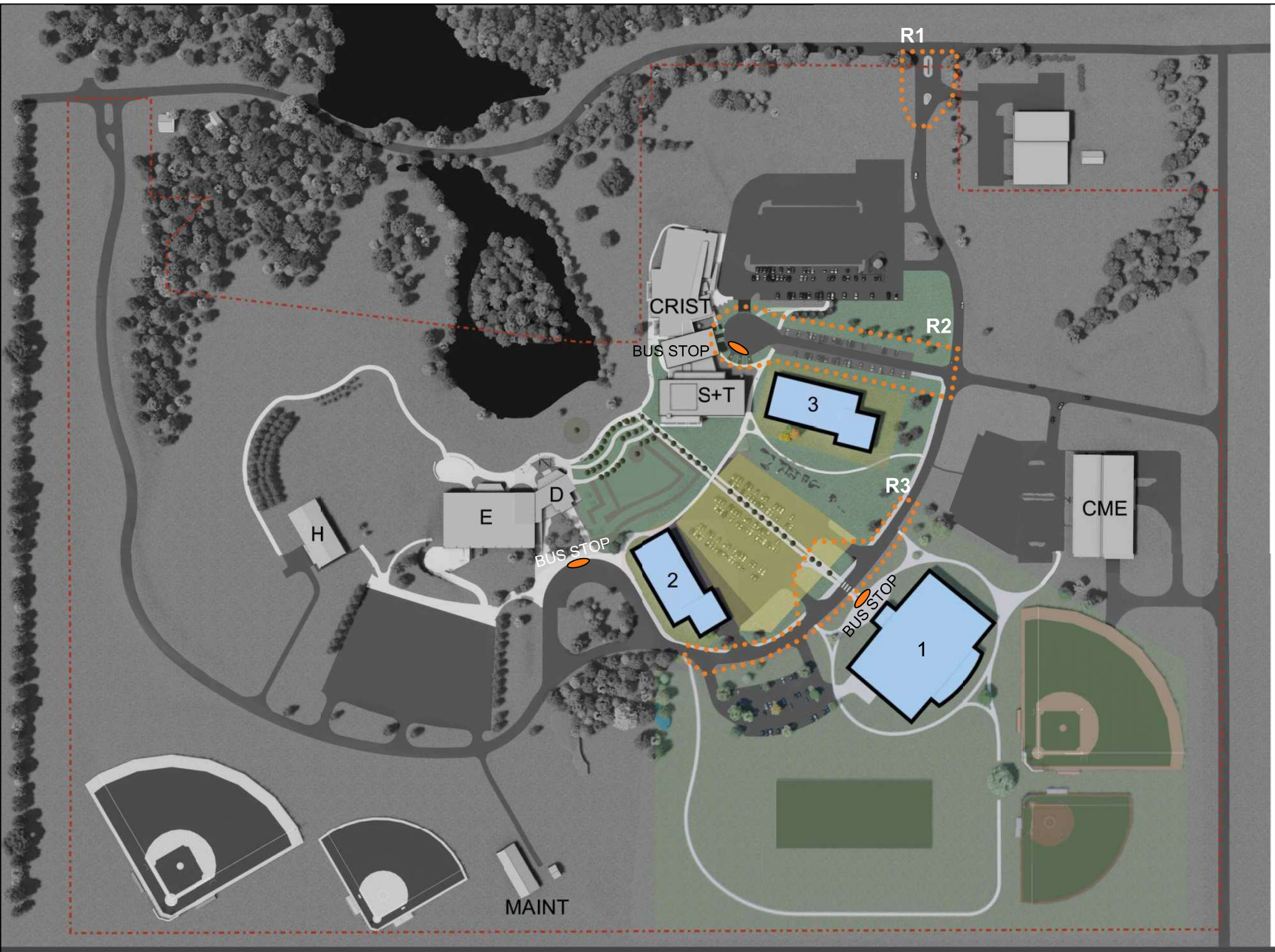


ESTABLISH LAKESIDE COMMON

Develops hardscape connection between existing buildings. Terraced to improve stormwater retention.

Provide views and connects the heart of campus to the lake.

Provides a direct route for stormwater to get to the lake.



ROAD IMPROVEMENTS

R1. Entrance

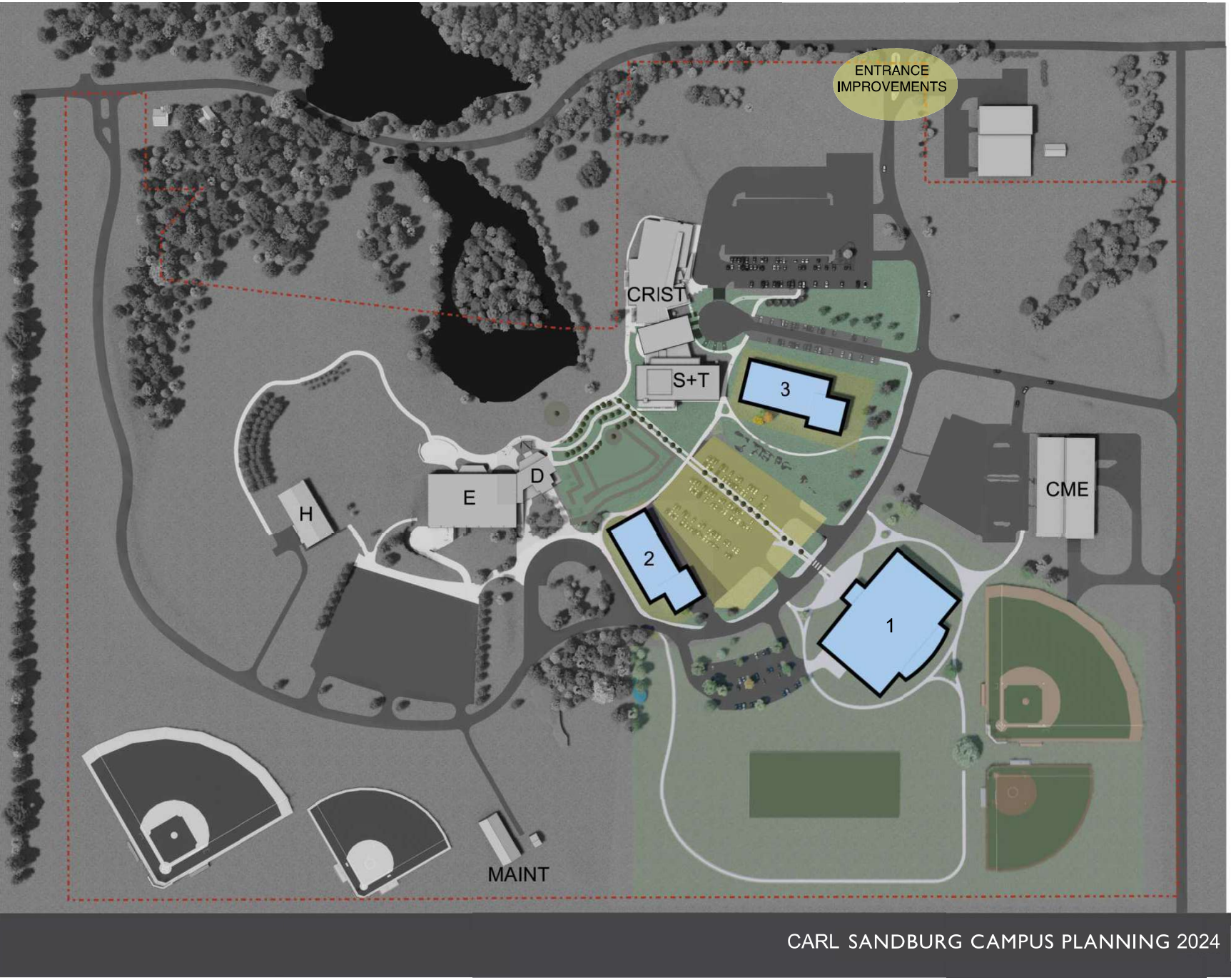
R2. Bus Drive and Overflow Parking

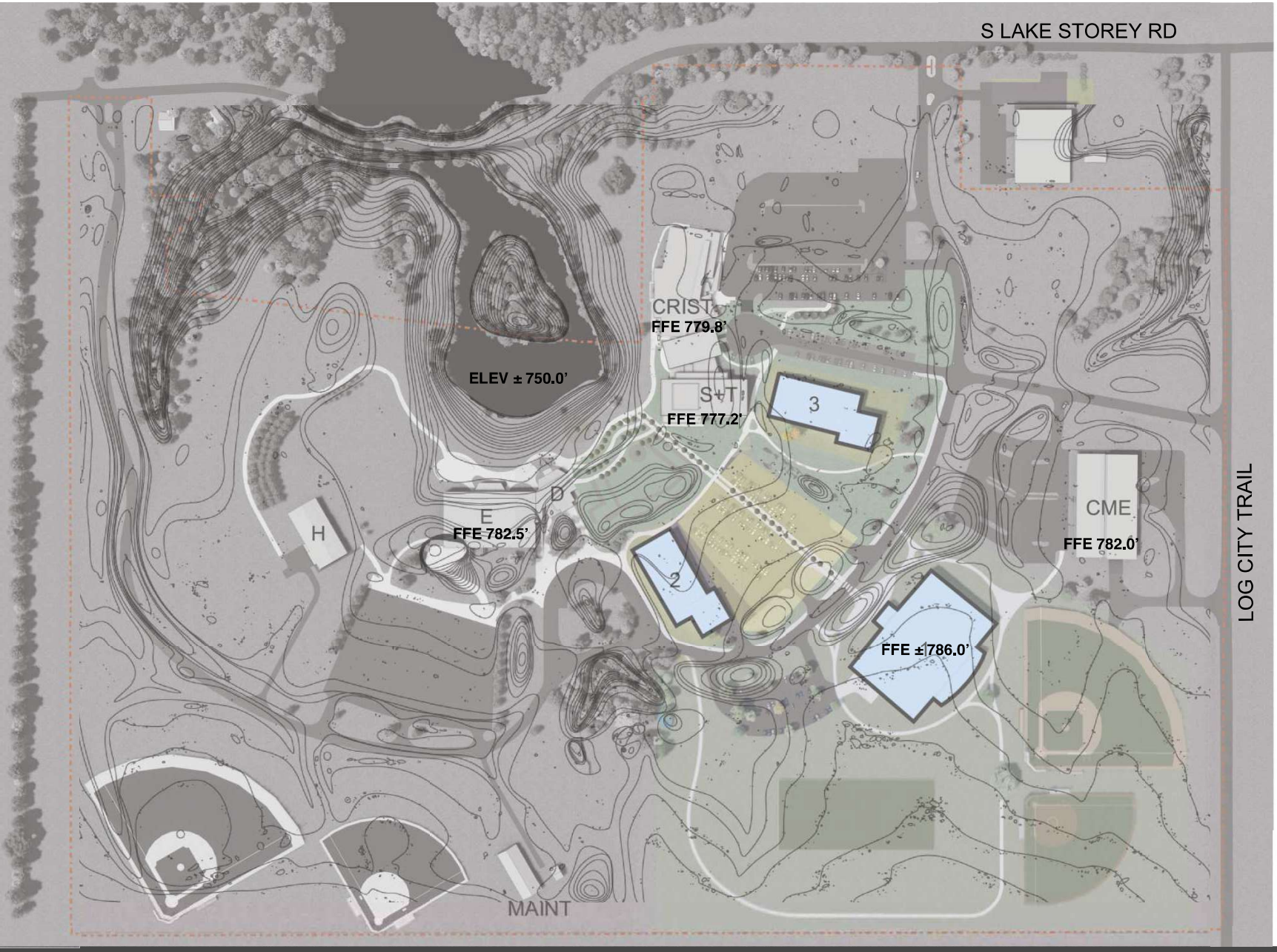
R3. Pedestrian Crossing at Charger Center

- Focus on accessible parking close to building entrances.

- Attention to bus stops & circulation.

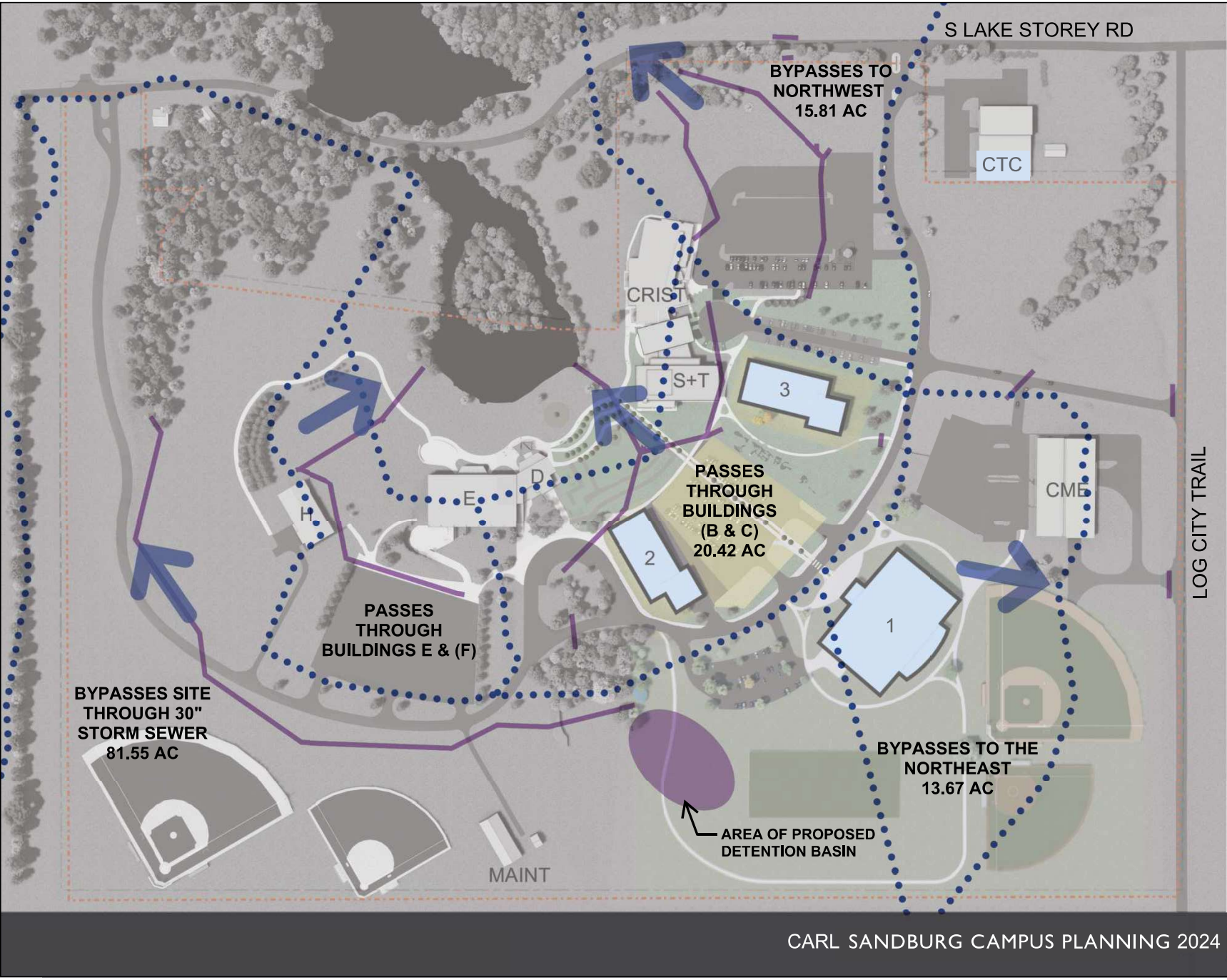
FINAL CAMPUS CONFIGURATION





TOPOGRAPHY & GRADING

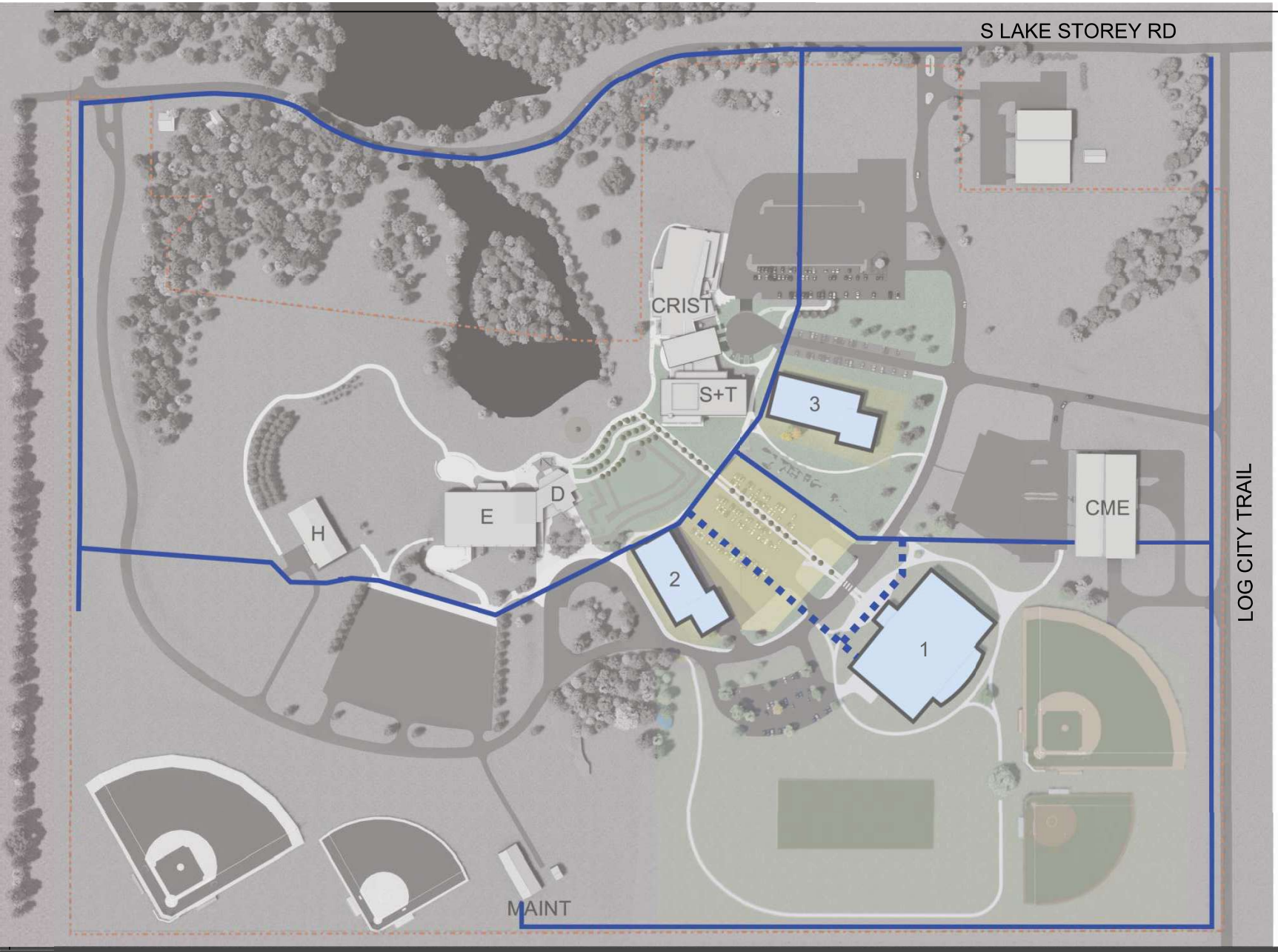
The site currently features rolling topography, with most buildings positioned on a hillside sloping toward Lake Storey with a number of artificial berms.



STORMWATER

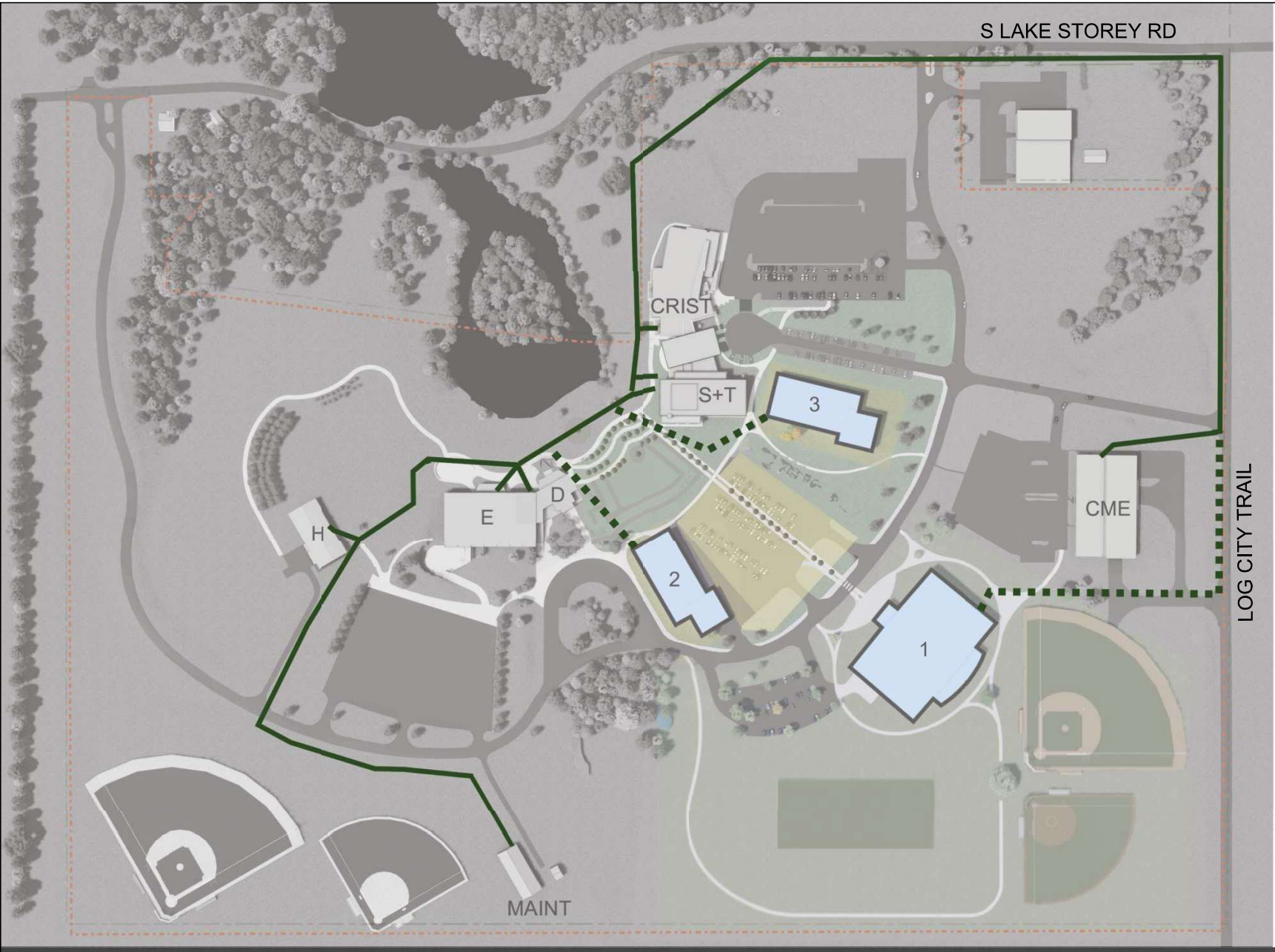
There are roughly five drainage areas within the campus. Two of the drainage areas rely on storm pipes that go under current buildings to function, which is problematic. The options to address this stormwater problem are

1. Remove the obstructions (buildings).
2. Enlarge the pipes under the buildings.
3. Divert or detain the stormwater.



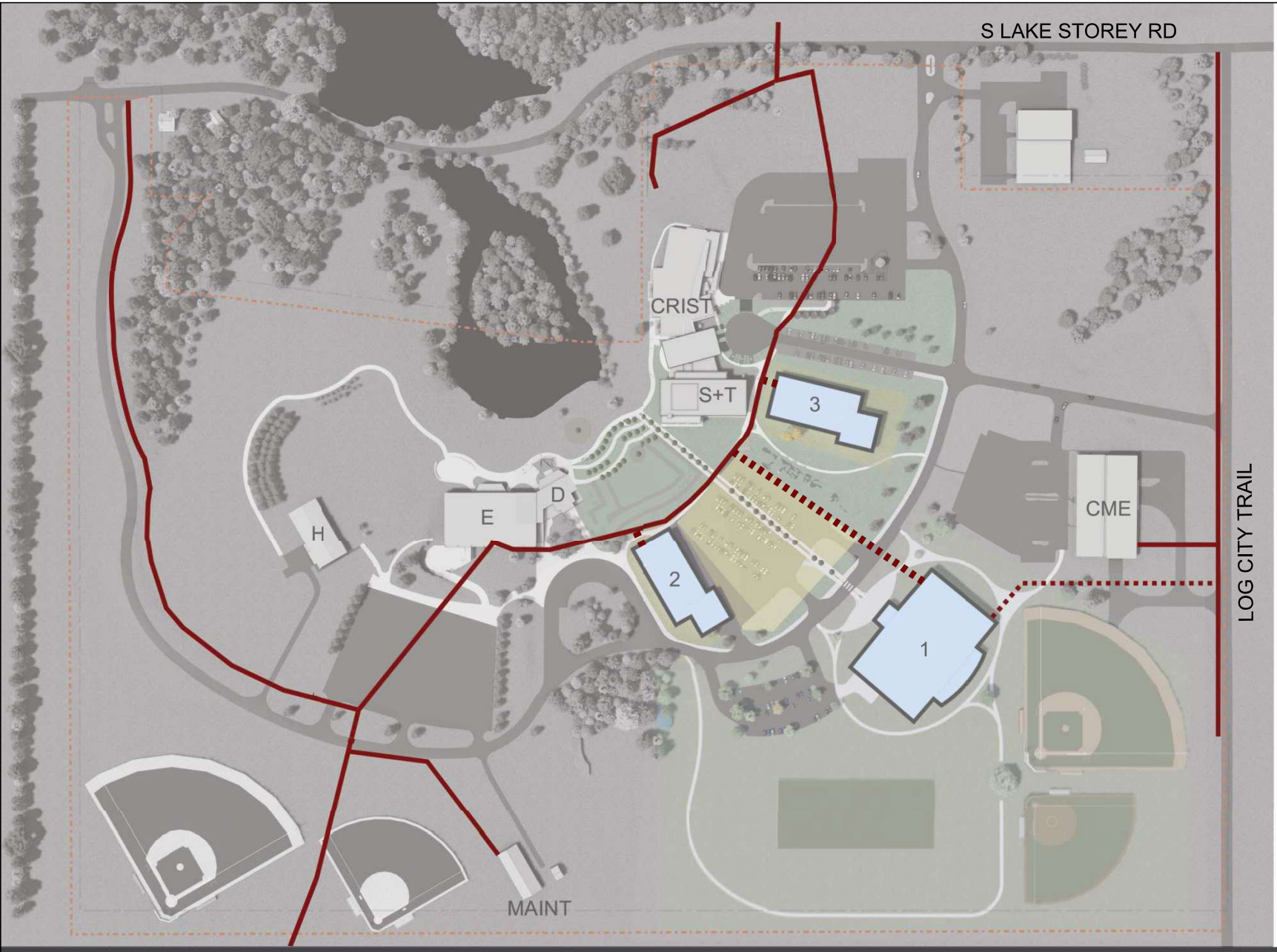
WATER

Current 8" water main loop provides domestic and fire protection water throughout the campus. Most buildings have a service directly off of this water main loop.



SANITARY SEWER

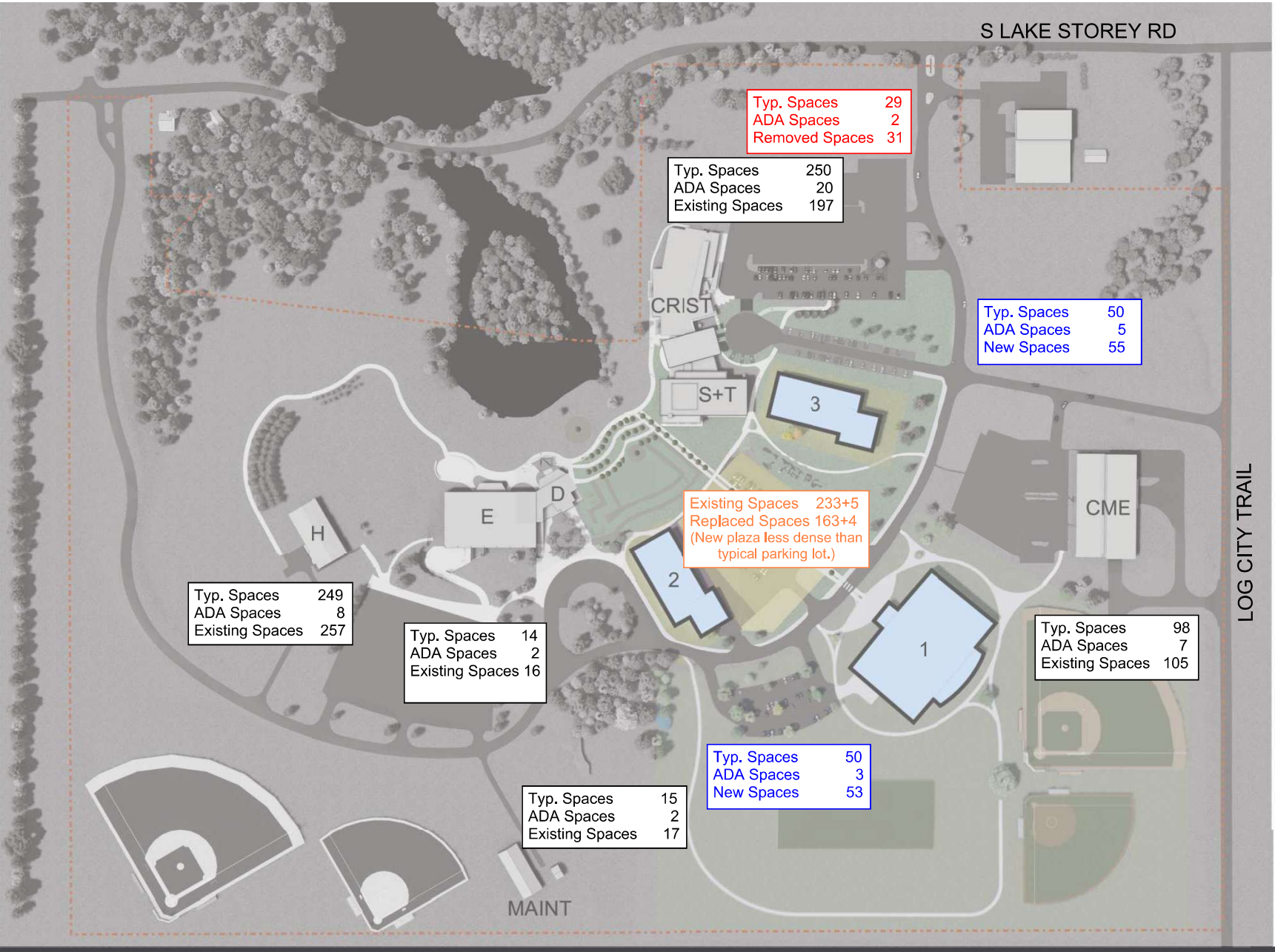
Current 8" sanitary sewer main runs generally from south to north, mainly on the north and west sides of the main campus buildings. Most buildings have a gravity fed service directly into this sanitary sewer main. Sewer main then runs east on S. Lake Storey Road to a pump station at the intersection with Log City Trail. Current CME (future Receiving & Storage) is served by a separate sewer main on Log City Trail that runs north to the pump station.



ELECTRIC

Per Ameren, Carl Sandburg College is on a loop feed from one primary metering point near S. Lake Storey Road to the other primary metering point near S. Lake Storey Road.

New buildings can be supplied with electrical service from this existing loop.



18. PARKING COUNT

Existing Spaces - 861

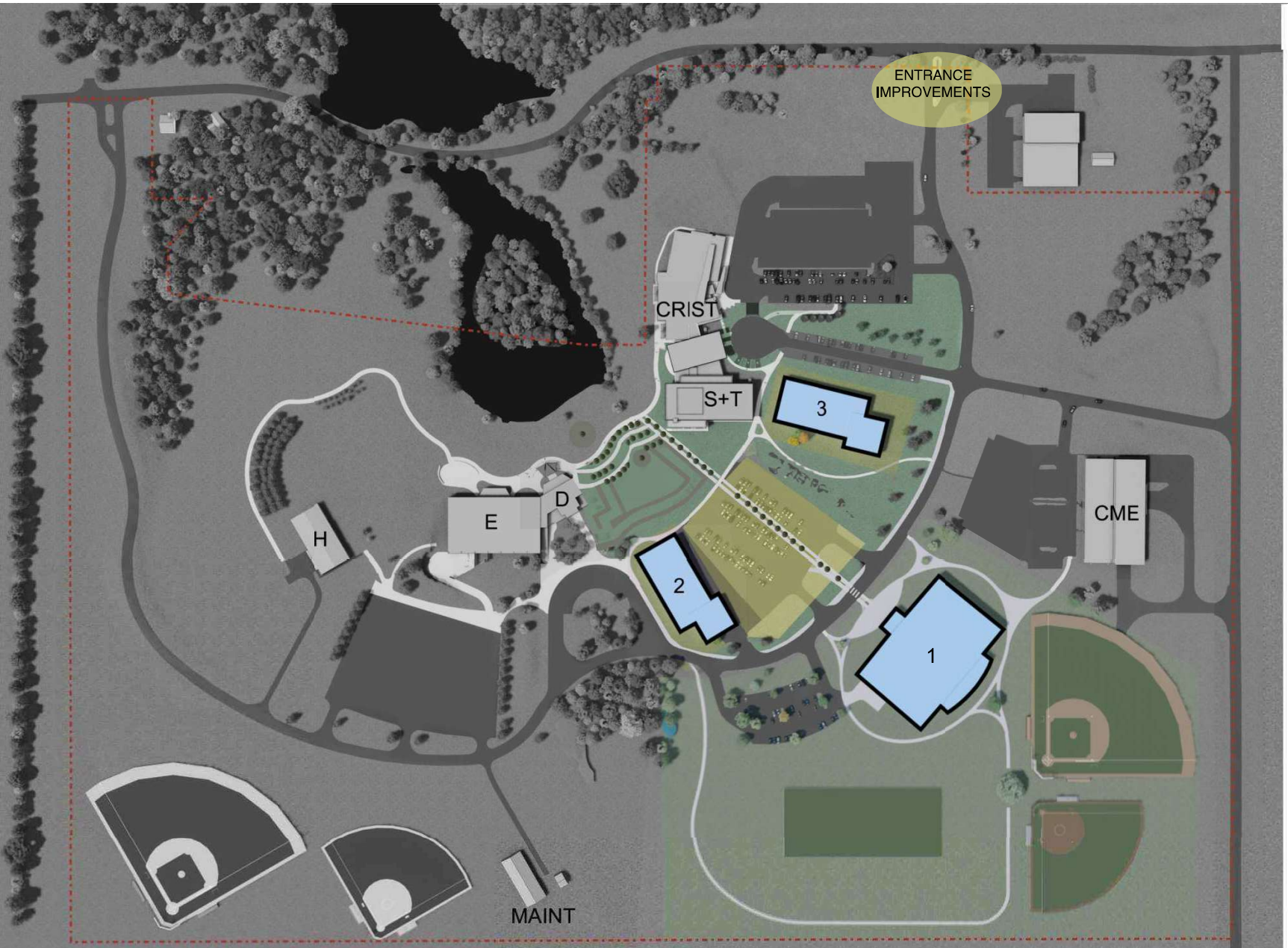
Removed Spaces - (102)

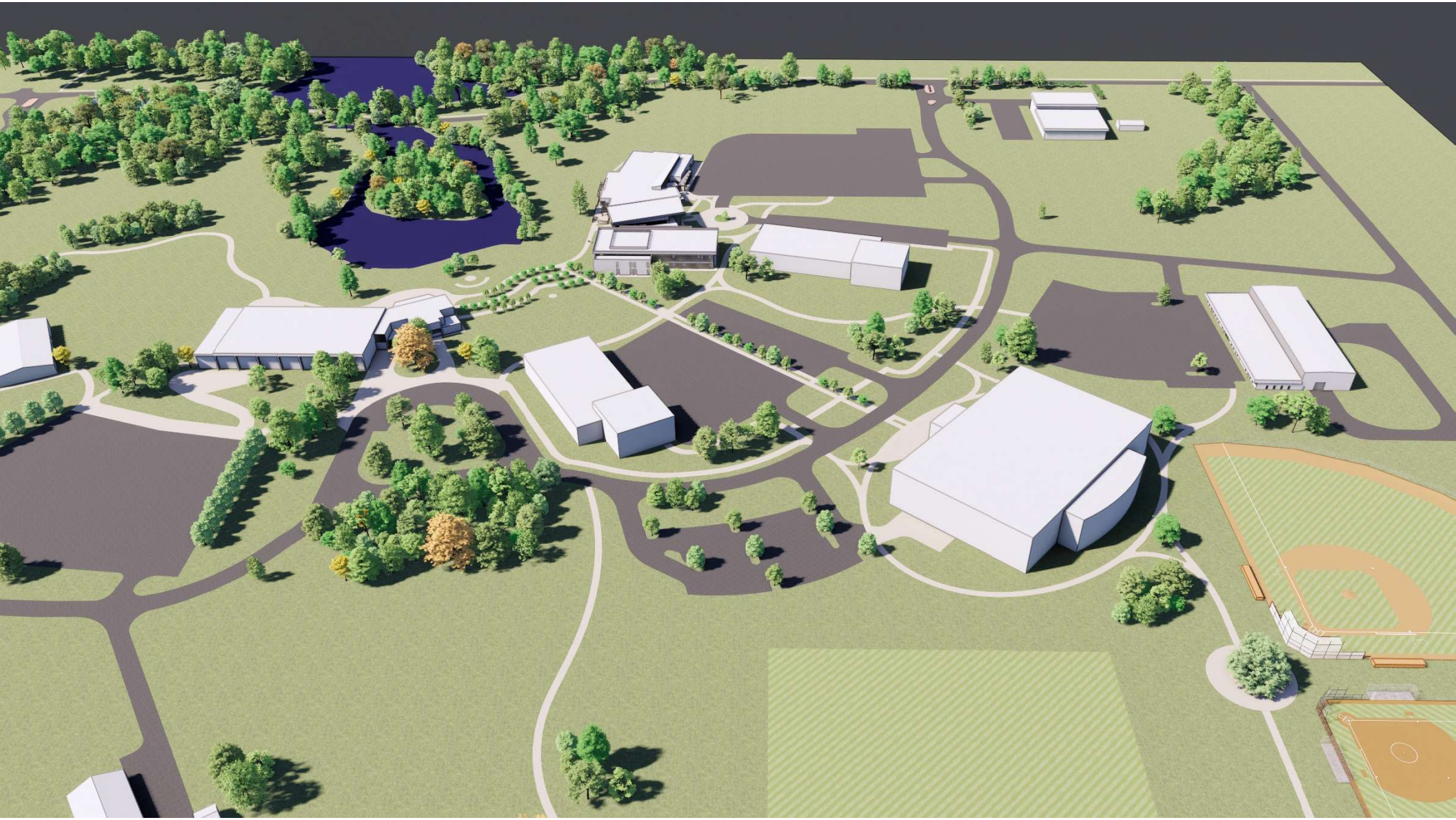
New Spaces - 181

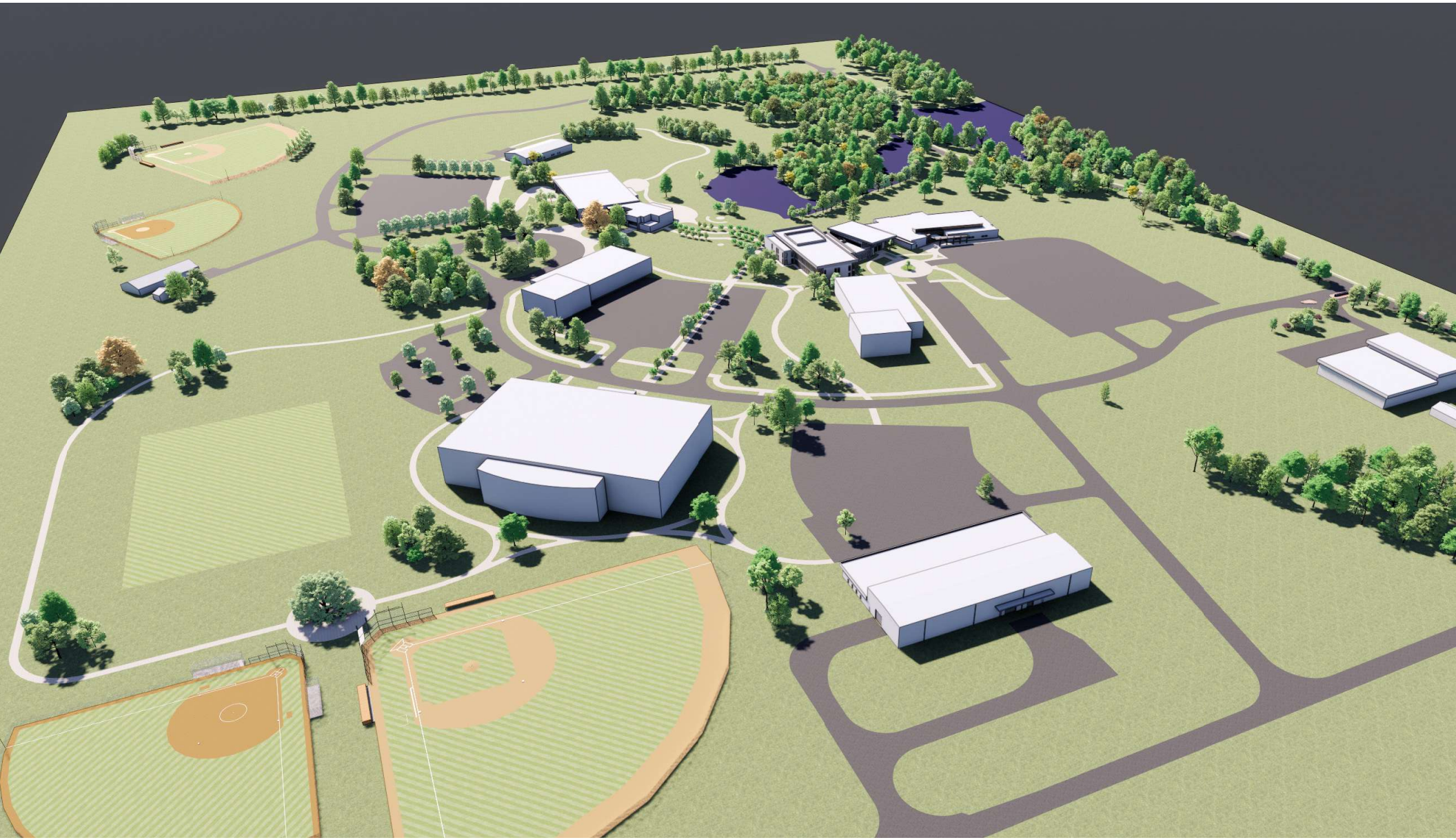
Total Spaces - 940

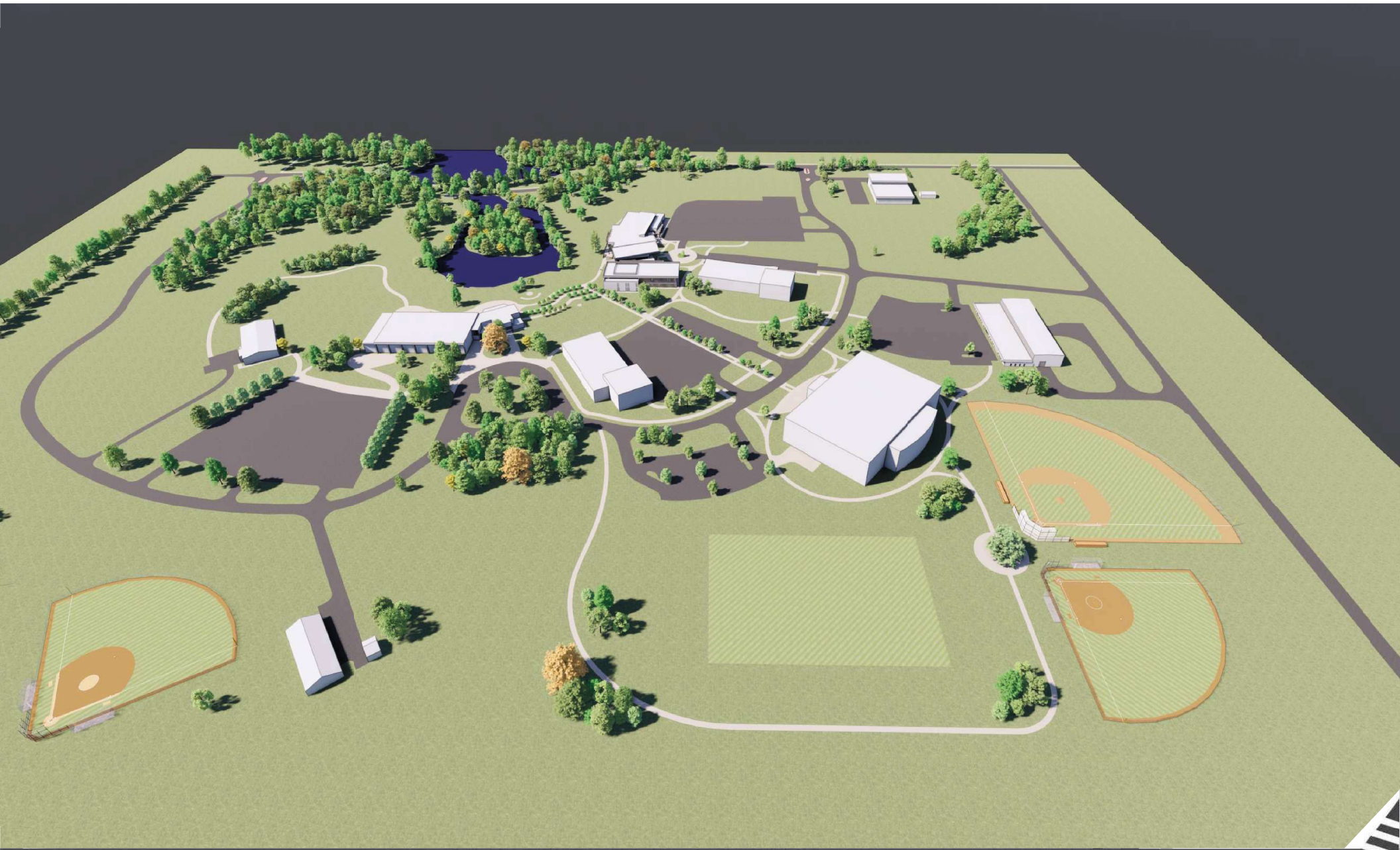
*Values for new parking approximated. To be designed.

FINAL CAMPUS CONFIGURATION

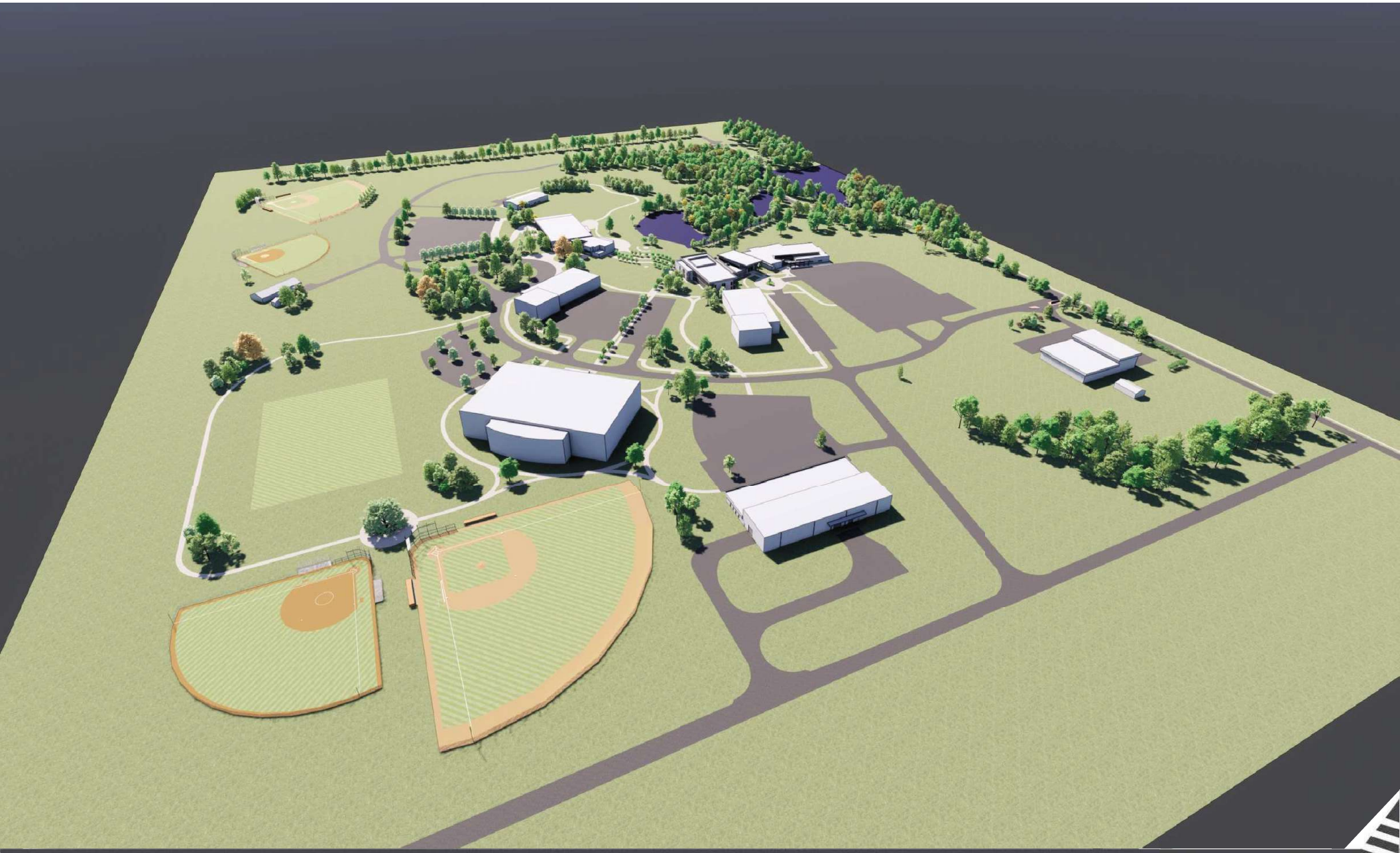








CARL SANDBURG CAMPUS PLANNING 2024 | Farnsworth GROUP



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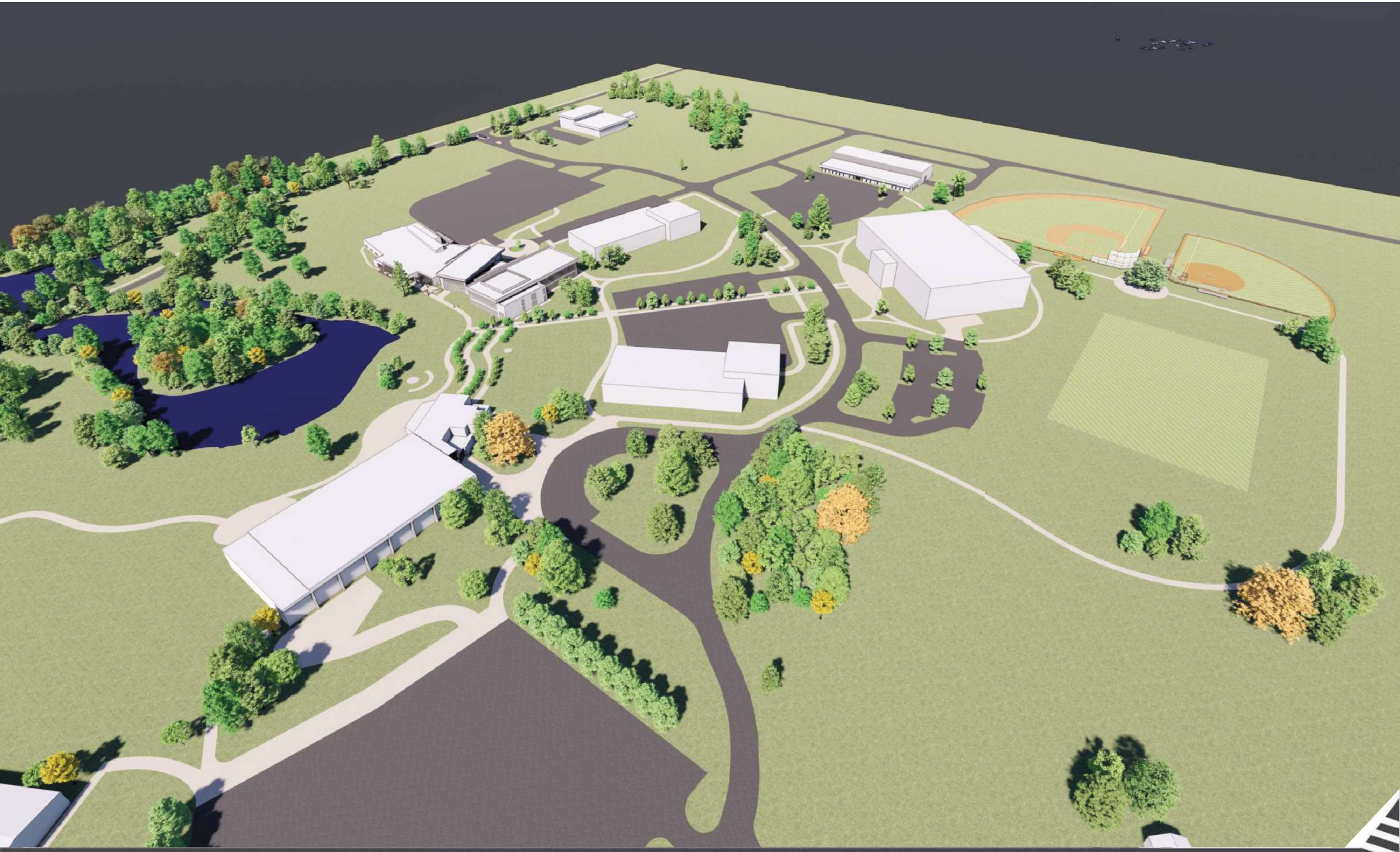

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