



Health & Behavioral Sciences
Medical Education Building

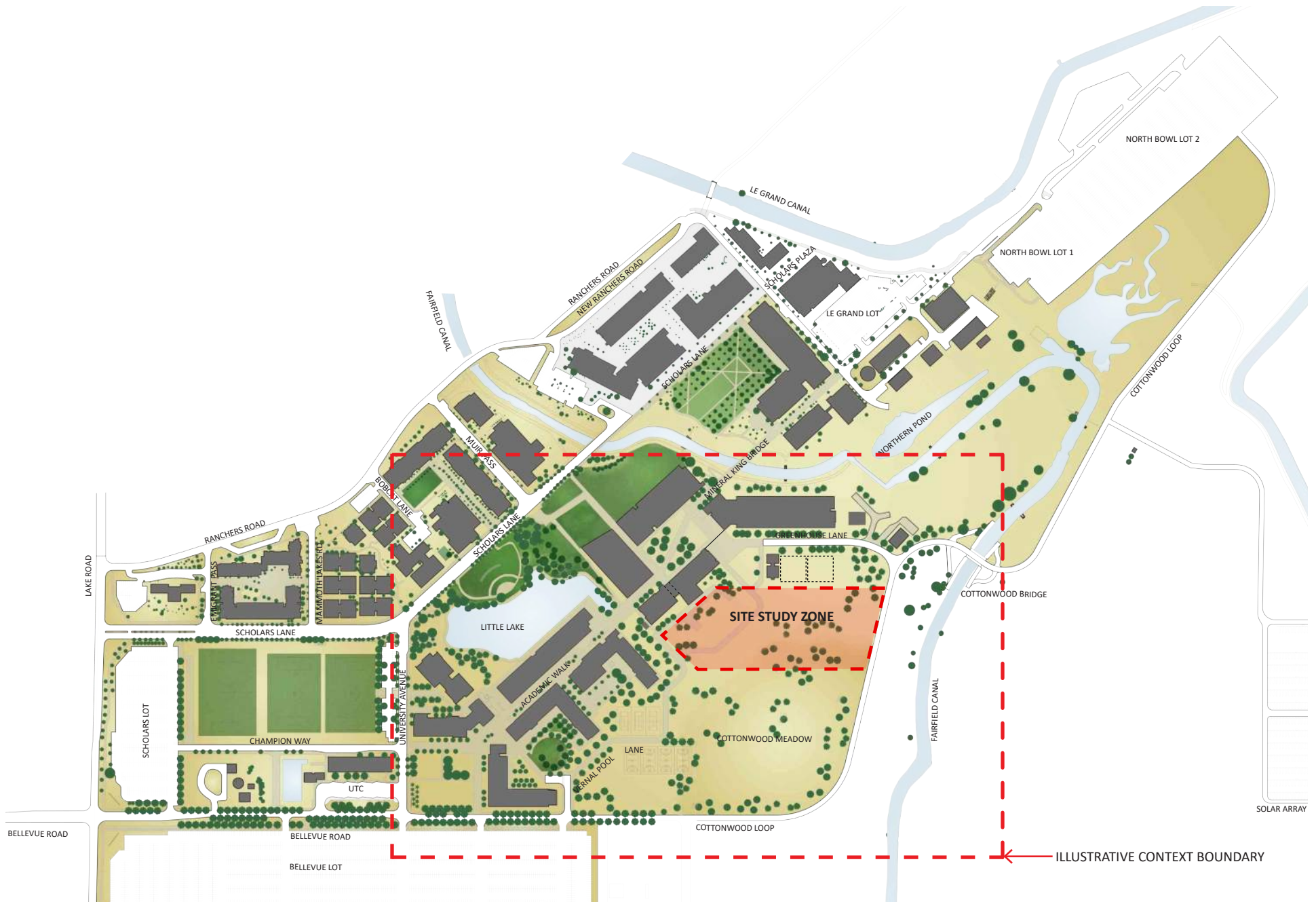
BUILDING CONCEPTUALIZATION
01.14.2021

AGENDA

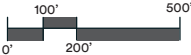
- 1. Introductions and Agenda**
- 2. Building Vision, Goals and Objectives**
- 3. Site and Building**
 - a. Site Area/Limits
 - b. Circulation and Connectivity
 - c. Utilities and Infrastructure
 - d. Massing and Open Space
- 4. Next Steps**

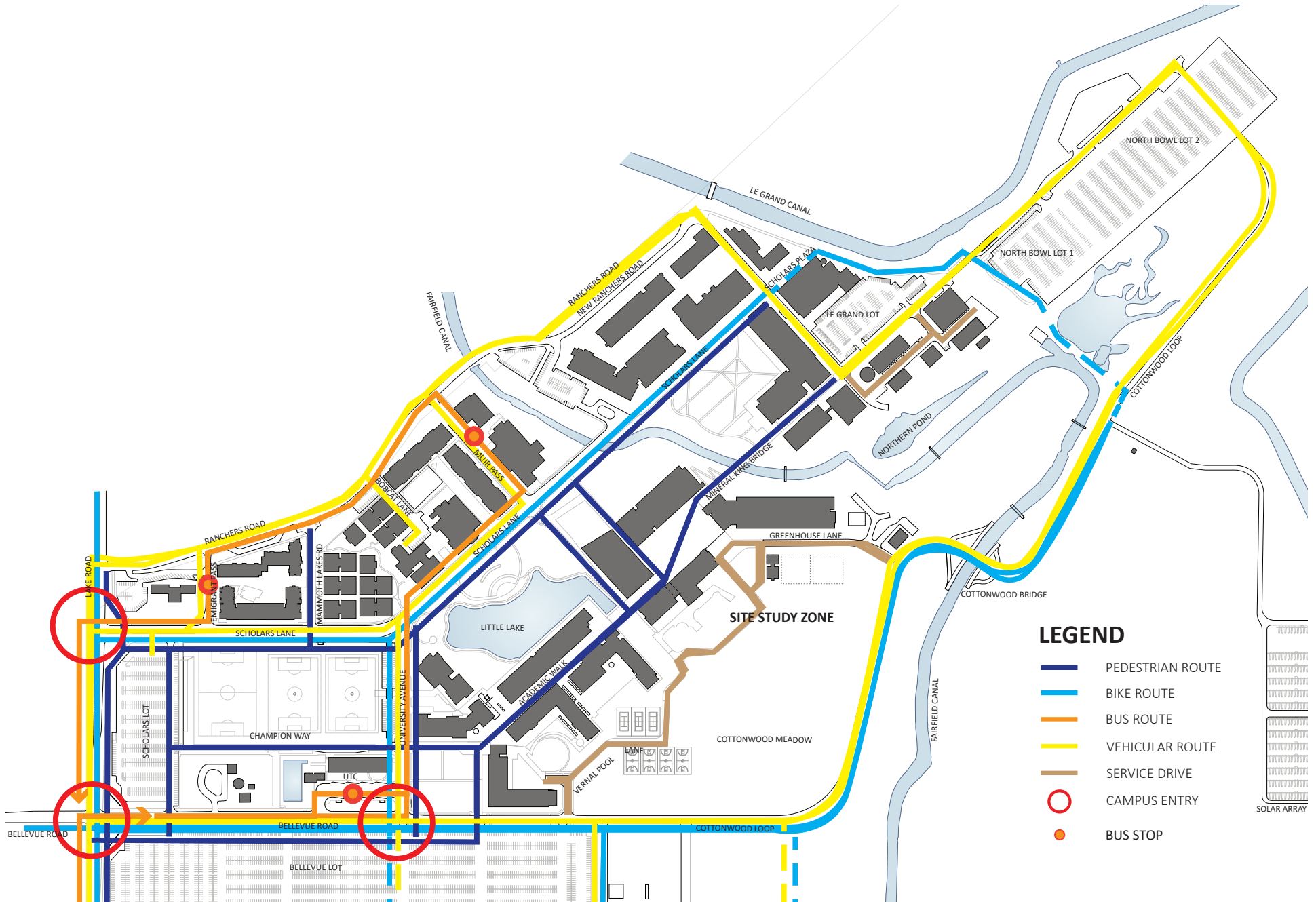
1. Develop a highly productive physical environment to increase communications and staff productivity throughout the administration of the University.
2. Create a vibrant community interface for research and instruction in development psychology, public health, medical education and the allied healthcare disciplines.
3. Develop a robust program that ensures operational efficiency for at a minimum the first 15 years of occupancy.
4. Budget is a true constraint. Select quality yet cost-effective solutions that maximize the value proposition for the University.

BUILDING VISION, GOALS AND OBJECTIVES



ILLUSTRATIVE CAMPUS PLAN

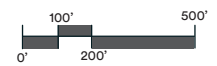


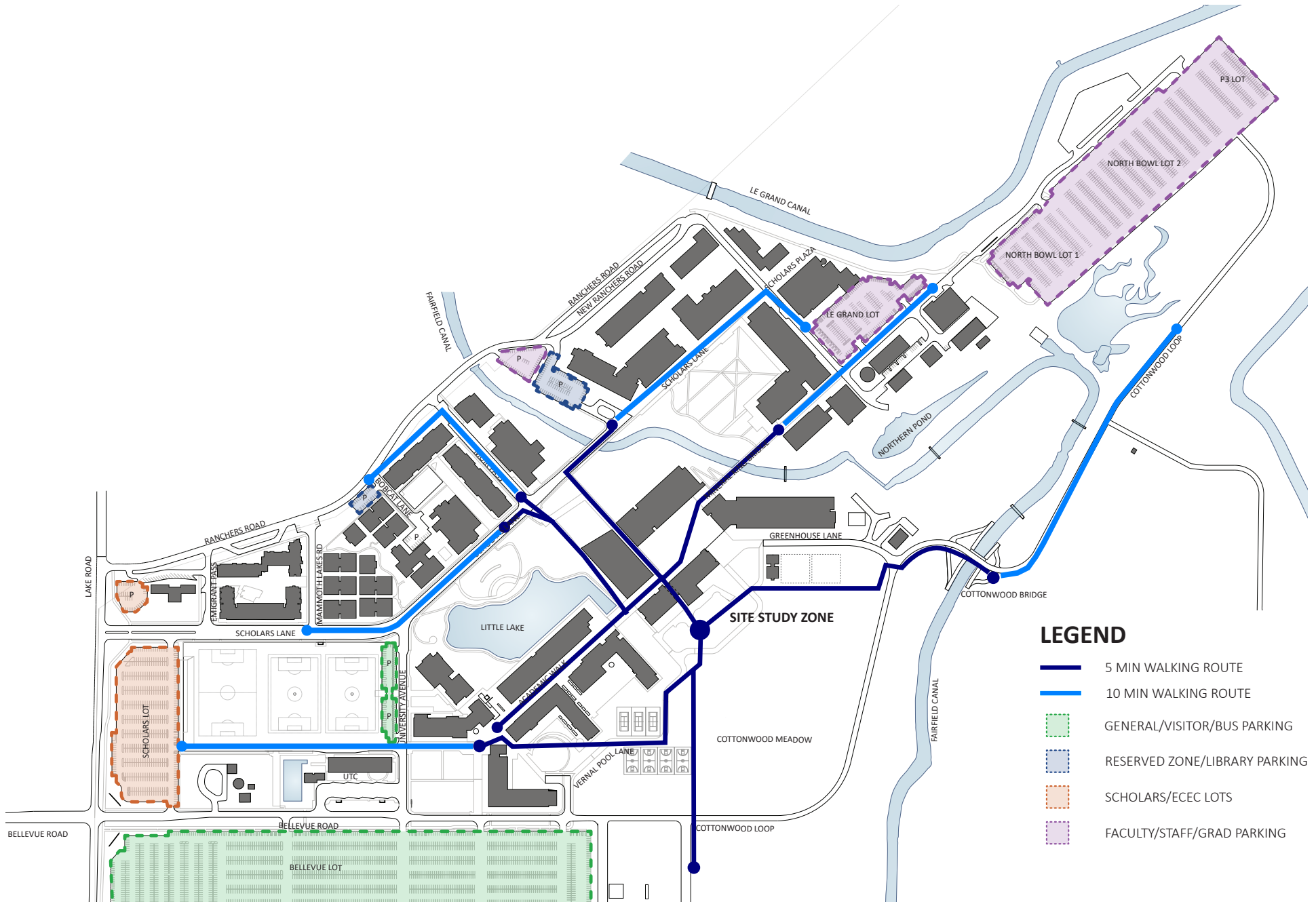


EXISTING TRANSPORTATION FRAMEWORK







LEGEND

- PEDESTRIAN ROUTE
- BIKE ROUTE
- BUS ROUTE
- VEHICULAR ROUTE
- SERVICE DRIVE
- CAMPUS ENTRY
- BUS STOP

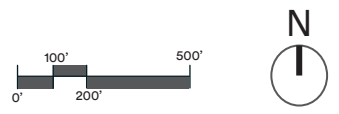




LEGEND

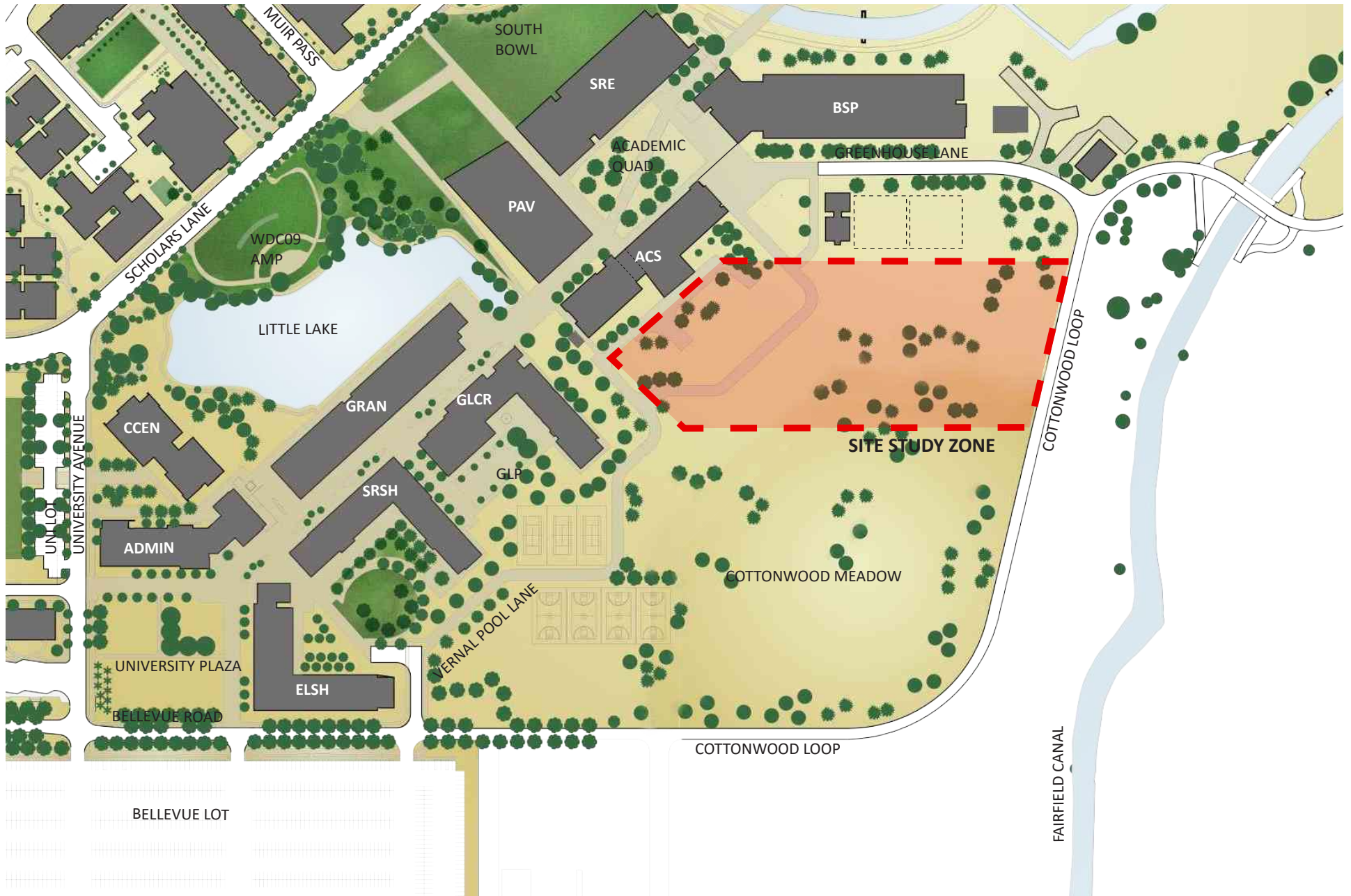
-  5 MIN WALKING ROUTE
-  10 MIN WALKING ROUTE
-  GENERAL/VISITOR/BUS PARKING
-  RESERVED ZONE/LIBRARY PARKING
-  SCHOLARS/ECEC LOTS
-  FACULTY/STAFF/GRAD PARKING

CAMPUS PARKING PLAN

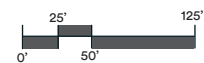


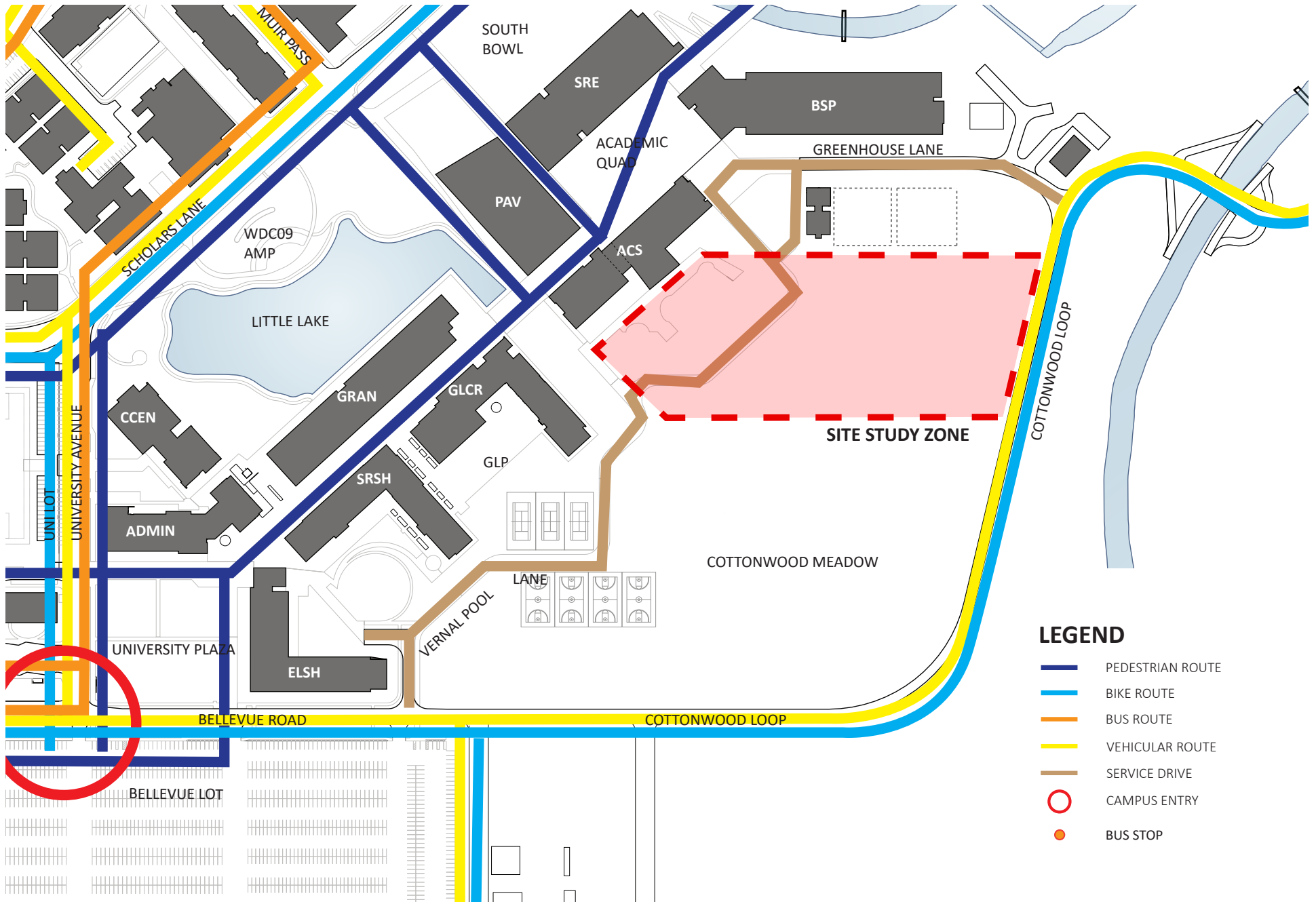
SITE AND BUILDING





ILLUSTRATIVE CONTEXT PLAN

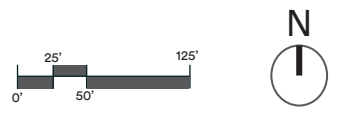


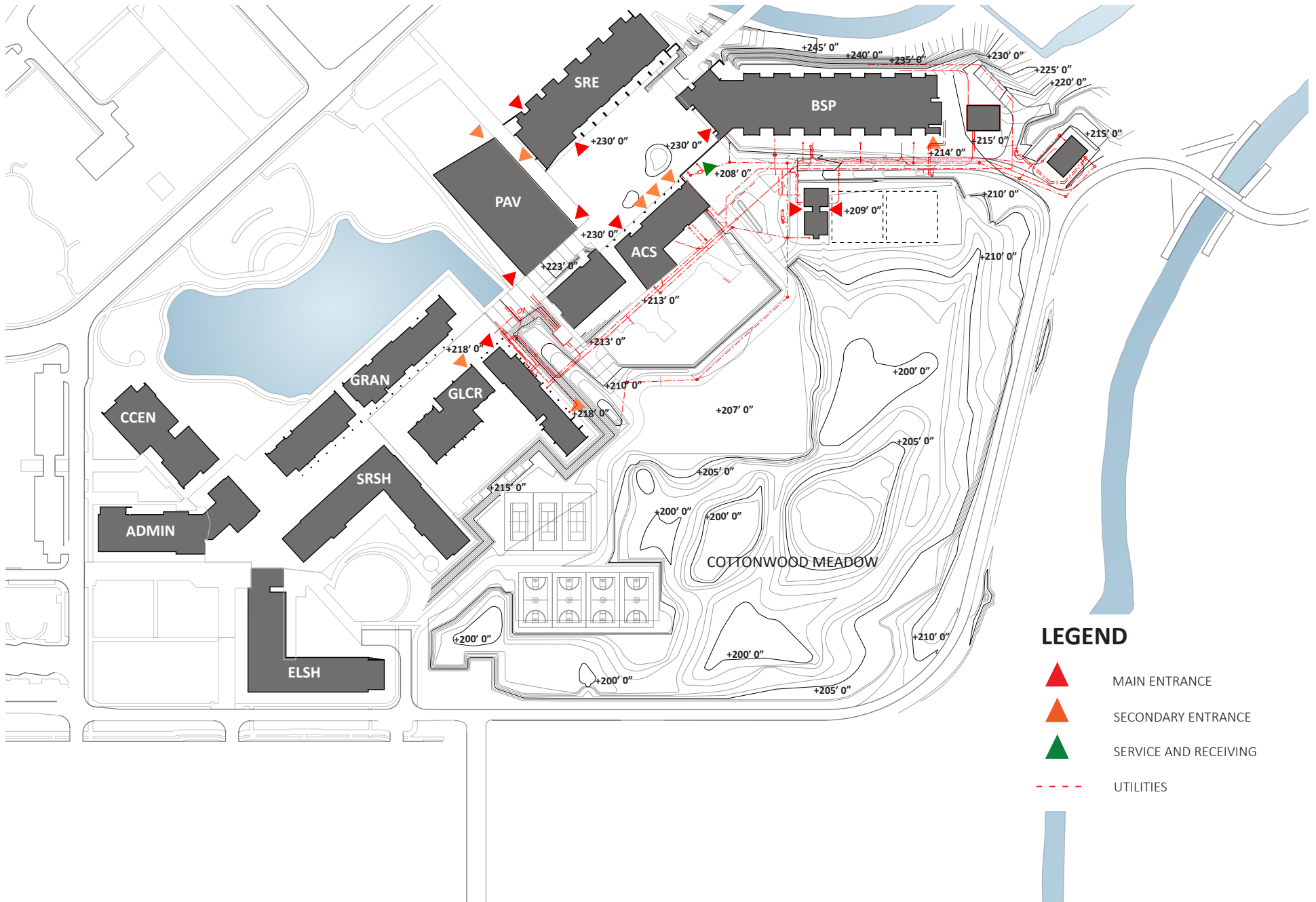


LEGEND





- PEDESTRIAN ROUTE
- BIKE ROUTE
- BUS ROUTE
- VEHICULAR ROUTE
- SERVICE DRIVE
- CAMPUS ENTRY
- BUS STOP

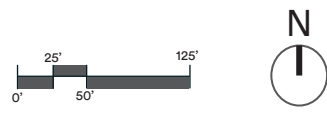
CONTEXTUAL TRANSPORTATION PLAN

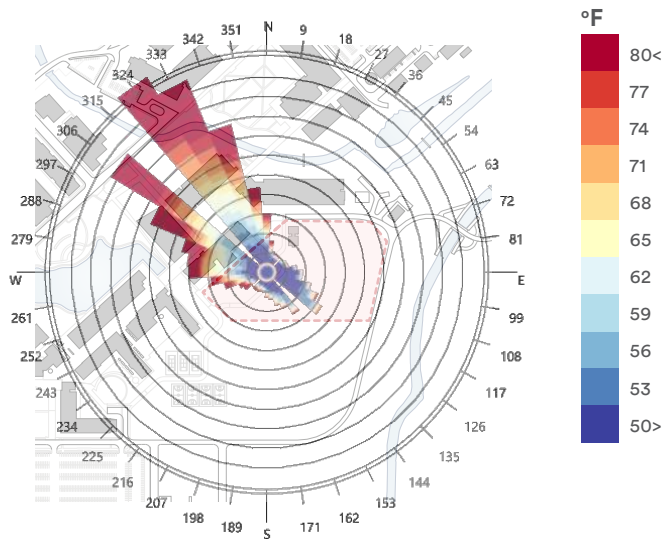




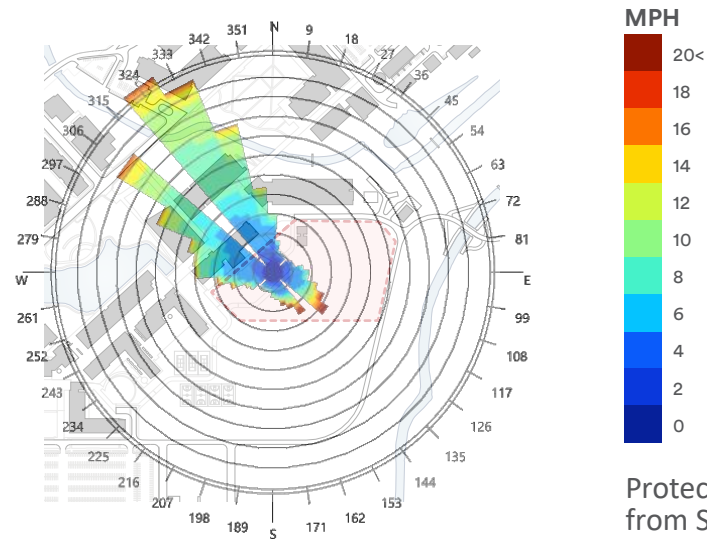
SITE TOPOGRAPHY PLAN

- LEGEND**
-  MAIN ENTRANCE
 -  SECONDARY ENTRANCE
 -  SERVICE AND RECEIVING
 -  UTILITIES



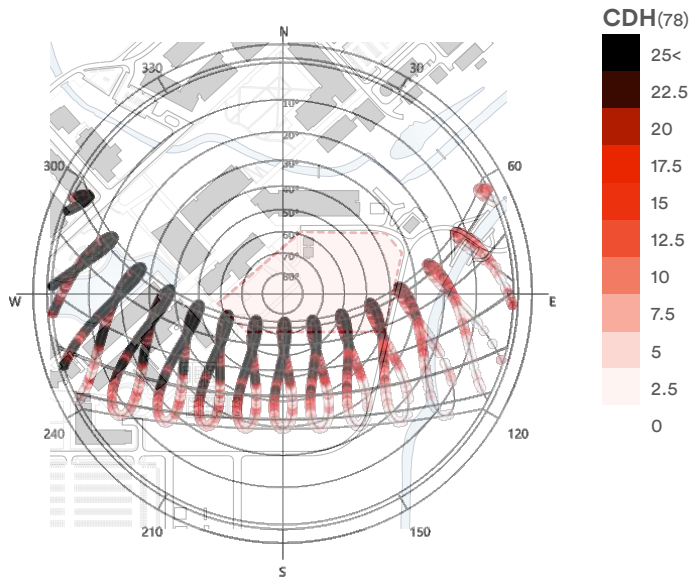


ANNUAL WIND TEMPERATURE

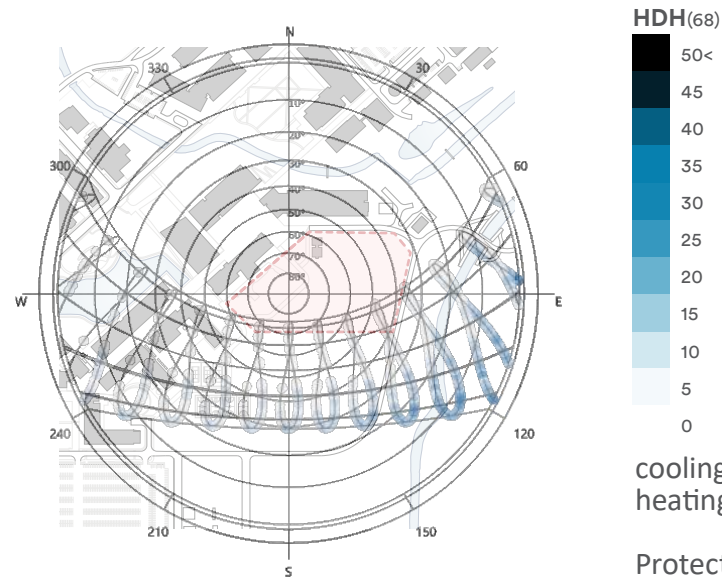


ANNUAL WIND SPEED/DIRECTION

Protect entrances and outdoor spaces from SE winter winds



COOLING DEGREE HOURS

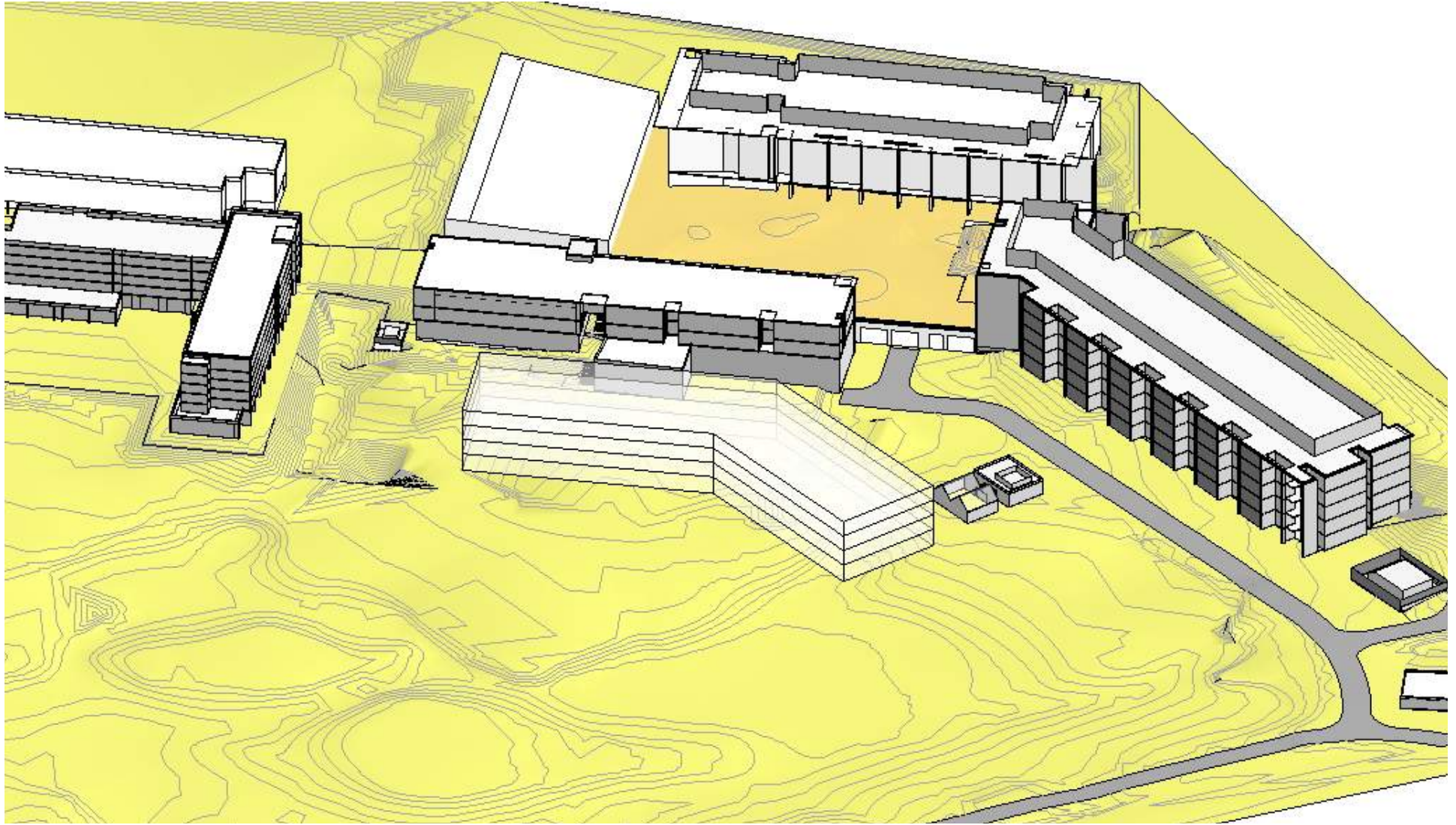


HEATING DEGREE HOURS

cooling = 3872 of 4396 hrs (88%)
 heating = 1983 of 4396 hrs (45%)

Protect Southern facades from sun exposure

CLIMATE ANALYSIS



SITE MODEL - LOOKING WEST