

KSU ENERGY OPERATIONS

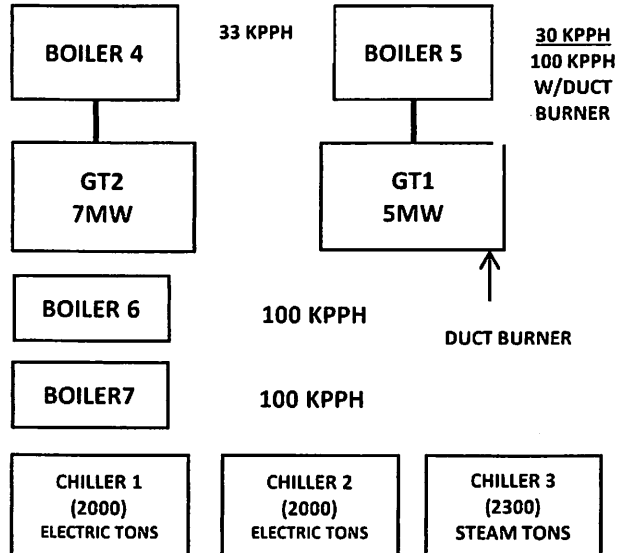
FY 2019 APPROXIMATE VALUES

- 6,464,383 SQ FT,
136 BUILDINGS
- 785,000 MCF NATURAL
GAS CONSUMED
- 18,500,000 CF WATER
CONSUMED
- 502,000 KLBS STEAM
PRODUCED
- 17,000,000 TON HOURS
COOLING PRODUCED
- 30,000,000 KWH PRODUCED
60,000,000 KWH PURCHASED
90,000,000 KWH CONSUMED
- 6405 STEAM CHILLER TONS
9132 ELECTRIC CHILLER TONS
15,537 TOTAL CAMPUS TONS
- ENERGY MANAGEMENT
SYSTEM FOR CAMPUS,
164,252 MEASUREMENT POINTS

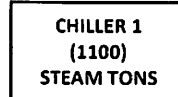
CPO CONTROLLED CHILLERS

- 5256 STEAM CHILLER TONS
7756 ELECTRIC CHILLER TONS
13,012 TOTAL CHILLER TONS

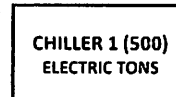
POWER PLANT



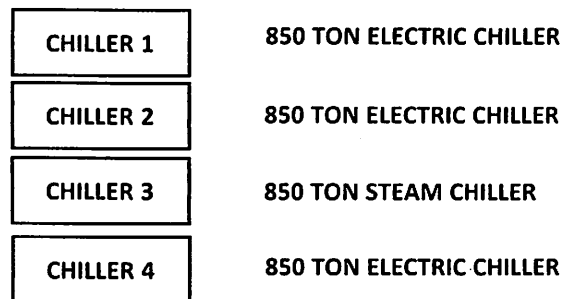
BOWMAN



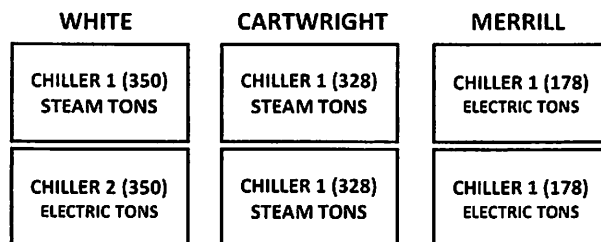
LCM



EAST CAMPUS CW PLANT



FRONT CAMPUS CW PLANT

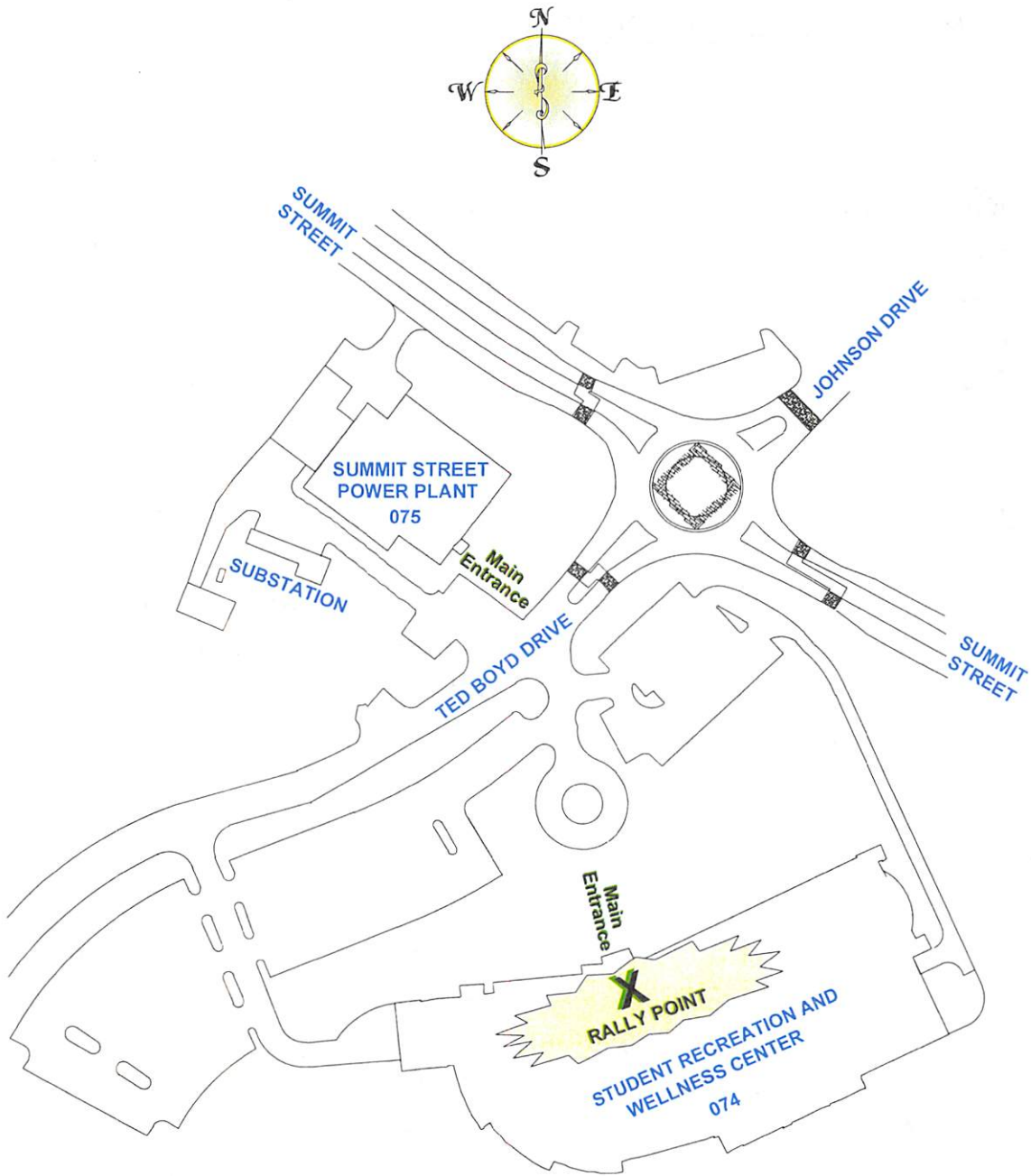


POWER PLANT GUEST AND TOUR POLICY

Confirmed and/or updated 5-1-2017, 10:20AM

Power Plant guests and tours will be confined to the first floor of the facility and all participants will remain at grade level and on the flooring surface. At the discretion of Power Plant management, deviations from this directive may be allowed and will require preapproval. All guests will be required to sign in and out in the log book located in the Power Plant Control Room which is Room 108. Furthermore, all guests are to wear at least the following as a minimum: closed toe shoes with flat soles (no spike or elevated heels); long pants (no shorts and dresses and skirts are discouraged); short sleeve shirts and preferably long sleeve shirts (no cutoffs or tank tops); no cameras or cellphones with flash capabilities; hearing protection which will be provided at the Power Plant. In addition, guests should be cognizant that they will be in a location that: can be hot, humid, and uncomfortable; has a considerable amount of noise; exposed to industrial grade equipment that can be hot, rotating, or in operation; possible exposure to chemical, environmental, and atmospheric agents that may cause some individuals problems; a risk, albeit small, of equipment failure that may cause injury or death. Guests agree to follow all orders, warnings, and directives given by the guides without any hesitation or questions. This may include the immediate evacuation of the Power Plant and meeting at the Student Wellness and Recreation Center Entrance, which has been designated as the "rallying point", after the event. Guests of the Power Plant, as a condition of being granted entry into the facility, agree not to obtain, gather, acquire, or share any information that could be used in procurement, enforcement, investigation, legal actions or proceedings, etc. Please share this information as you deem appropriate.

See Page 2 of 2 for map/plan view of the applicable facilities associated with this policy.



Police and Fire **EMERGENCIES** Dial 911

Gateway to a Distinctive Kent State

Facilities Master Plan



East Main Street Citizens Advisory Committee
October 20, 2019

GATEWAY MASTERPLAN UPDATE
for
EAST MAIN STREET
CITIZENS ADVISORY COMMITTEE

OCTOBER 20, 2019



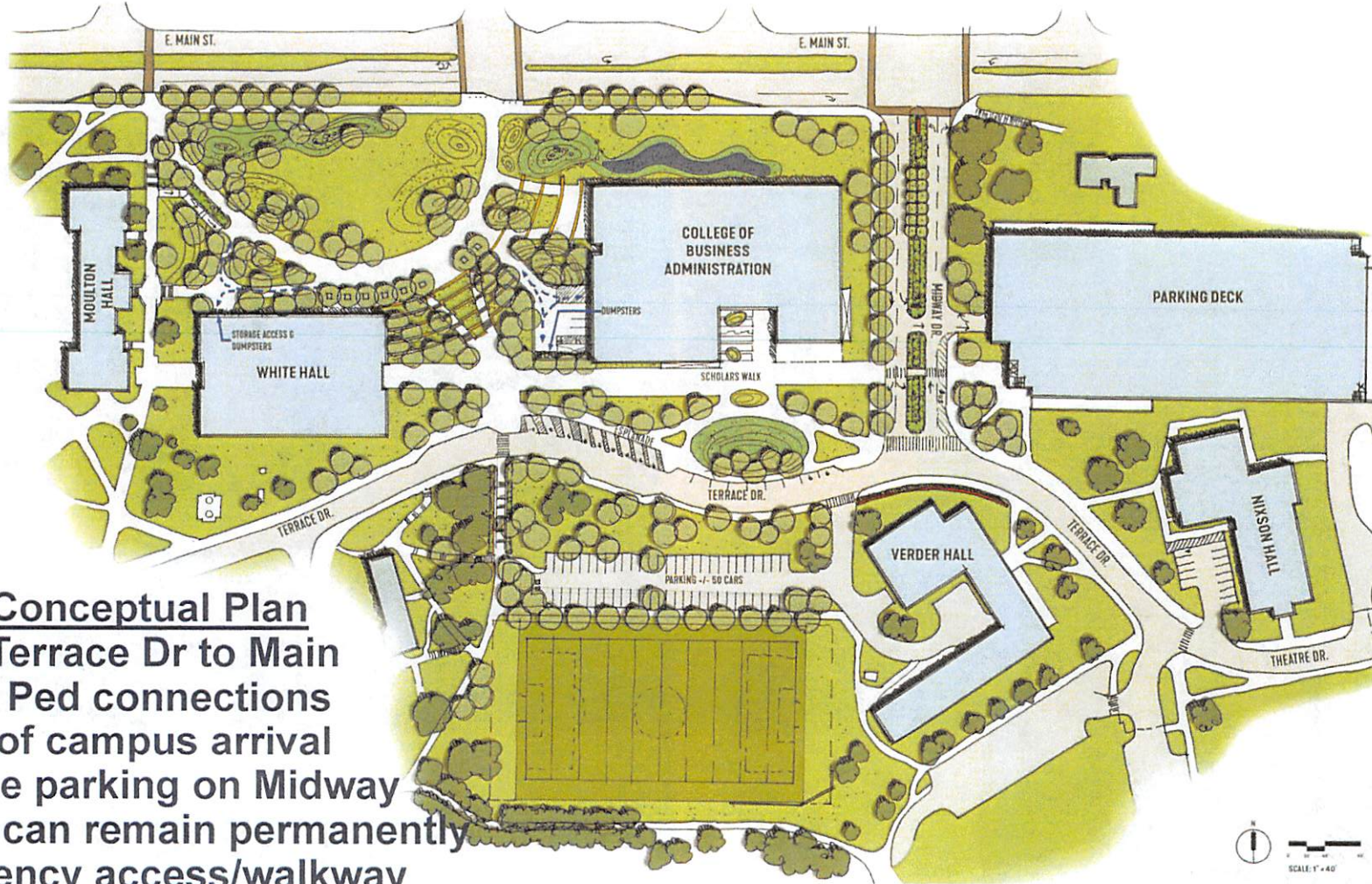
Kent State University Gateway Plan Update Agenda

- 1) **Campus Gateway Area**
 - Terrace Drive Relocation
 - Front Campus Expansion
 - College of Business Administration
 - Parking Deck
- 2) **Willow/ Lincoln Area**

Alignment with Community Feedback

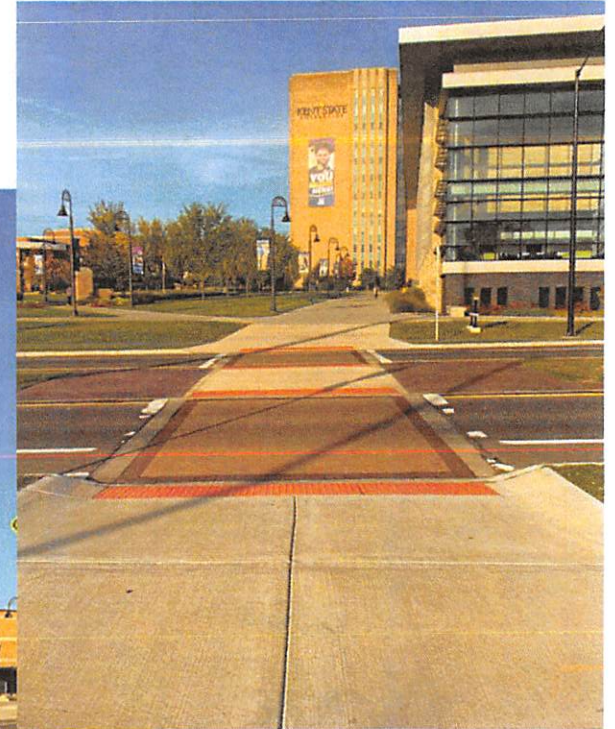
- **Work with city of Kent to reduce traffic congestion in the entire East Main Street corridor**
- **Provide enlarged and enhanced park-like areas and sidewalks**
- **Maintain mature trees**
- **Retain Williamson House**
- **Minimize visual impact of parking deck from East Main Street and neighborhoods**

DESIGN CONCEPT

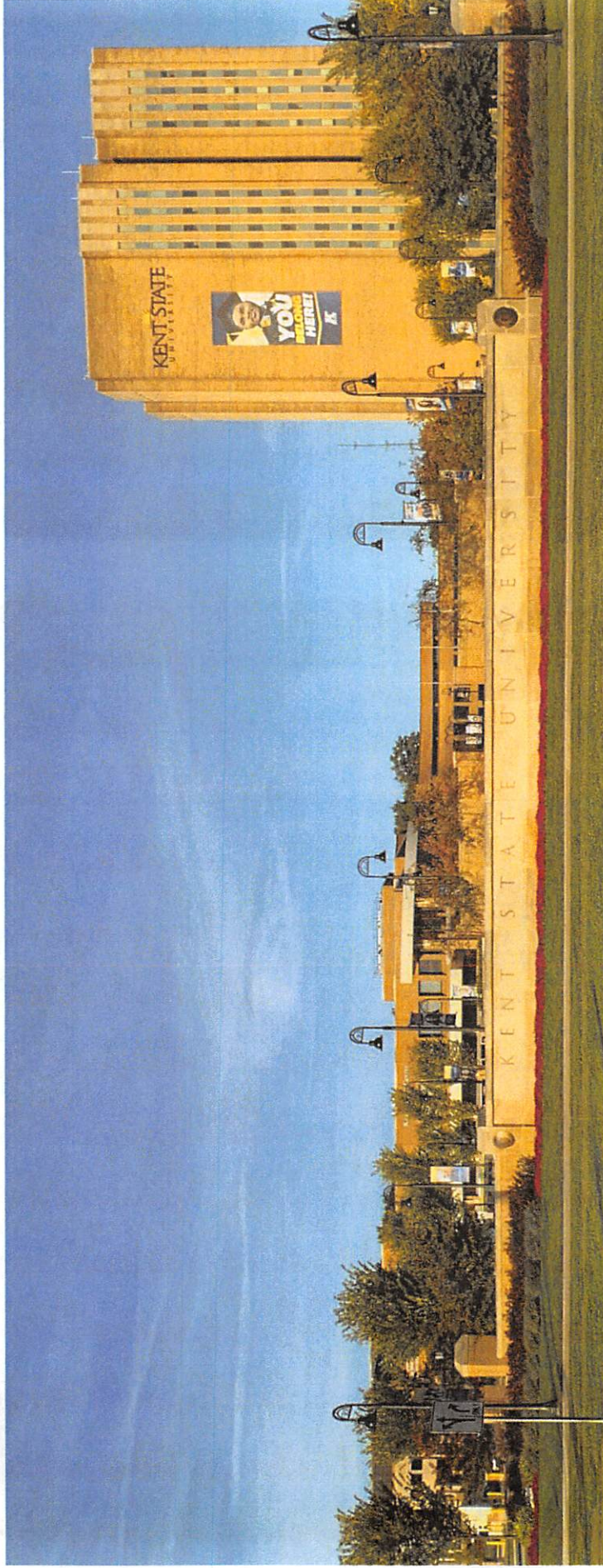


Current Conceptual Plan
Close Terrace Dr to Main
Strong Ped connections
Sense of campus arrival
Remove parking on Midway
Verder can remain permanently
Emergency access/walkway

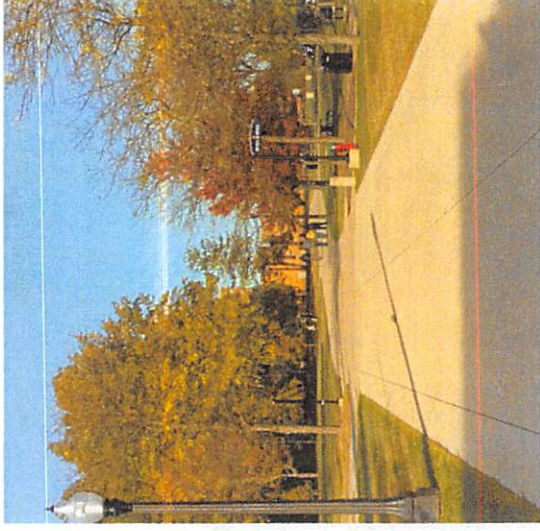
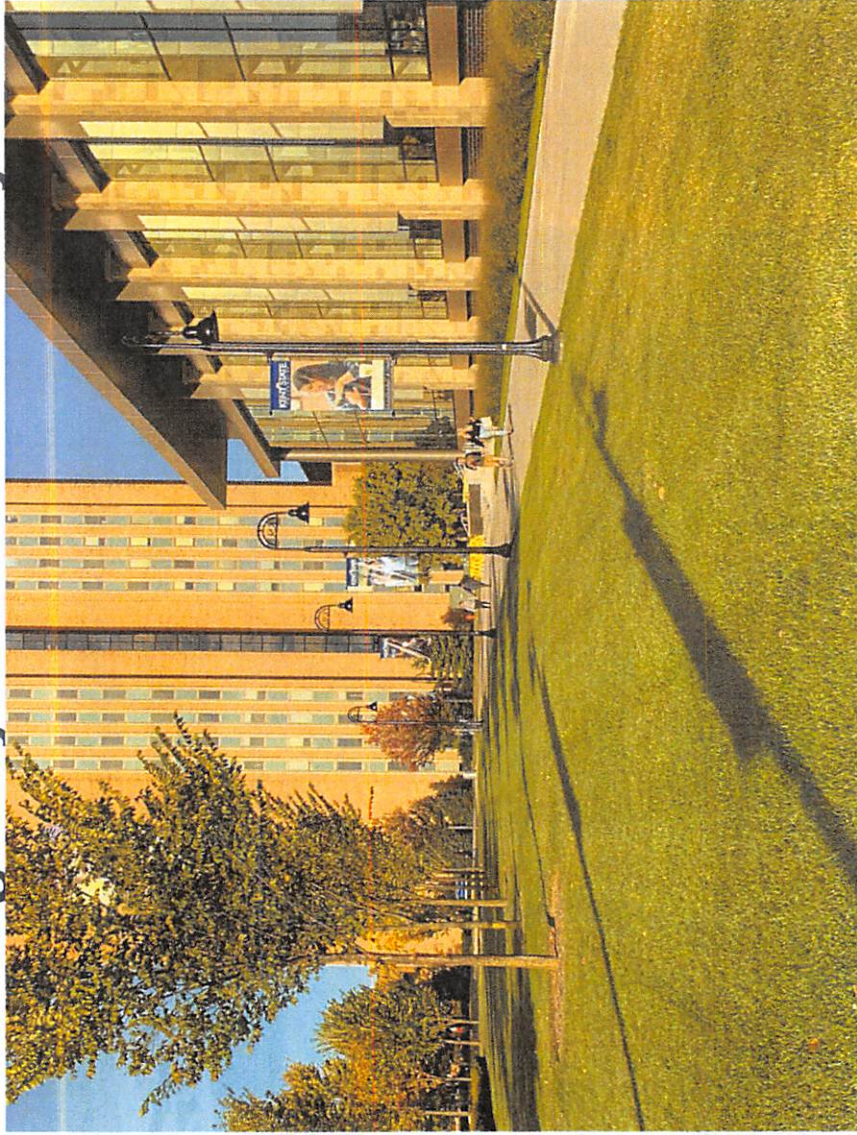
Strong Pedestrian Connections

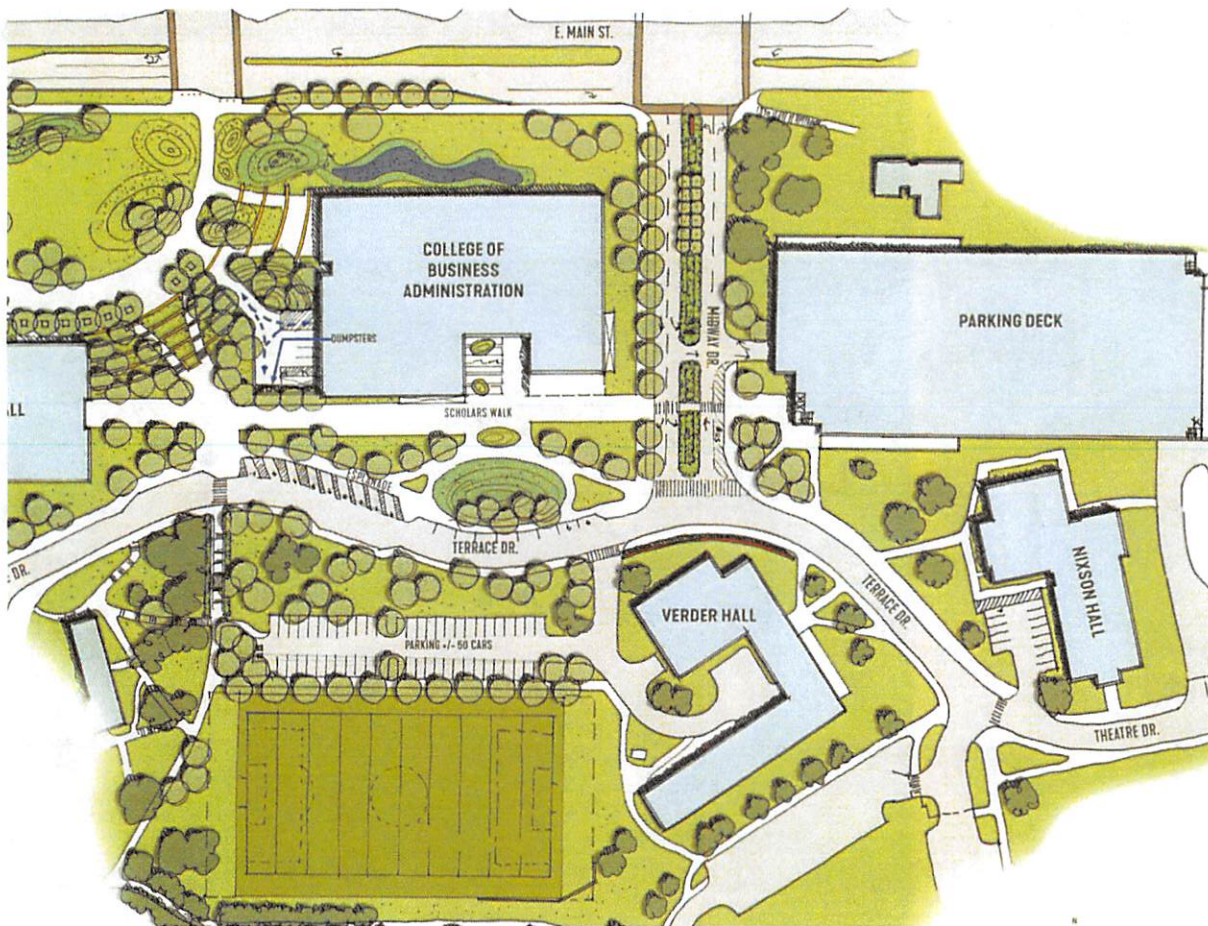


Sense of Campus Arrival

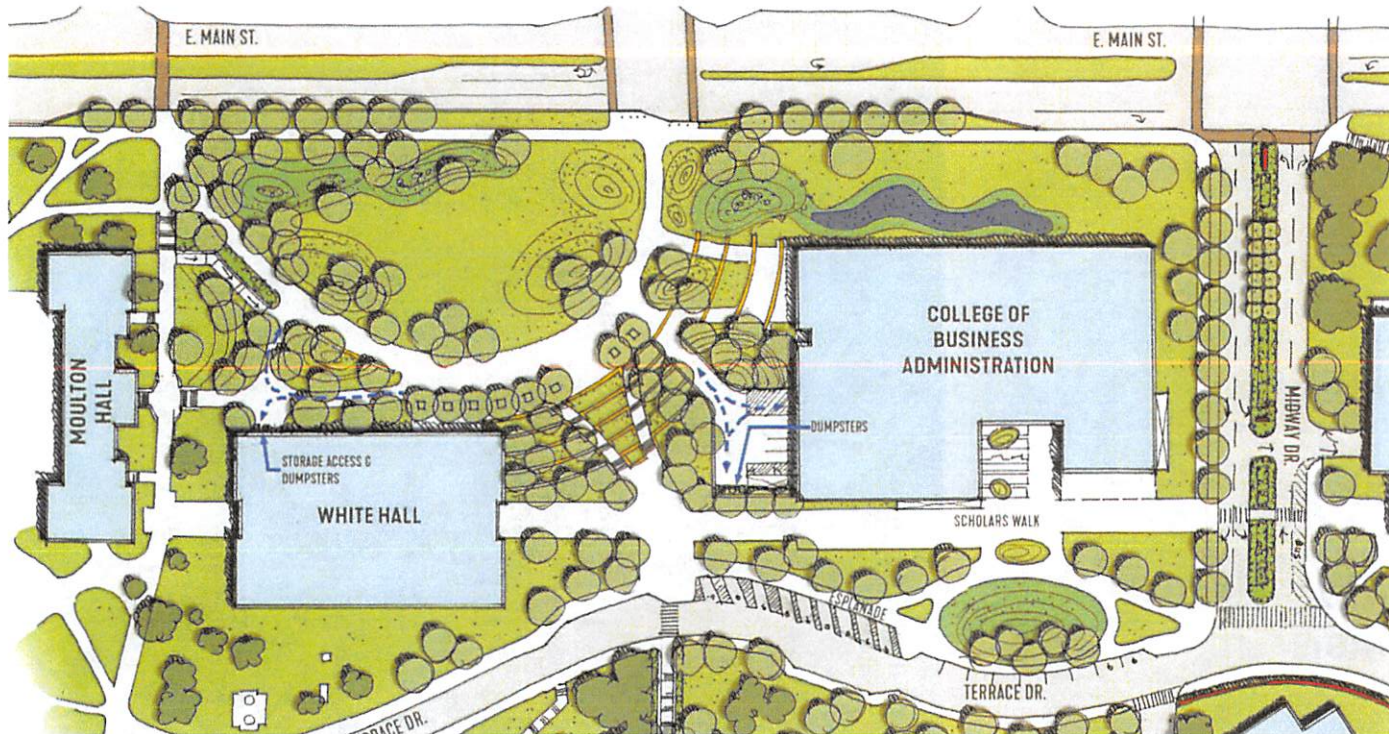


Emergency Access Walkways



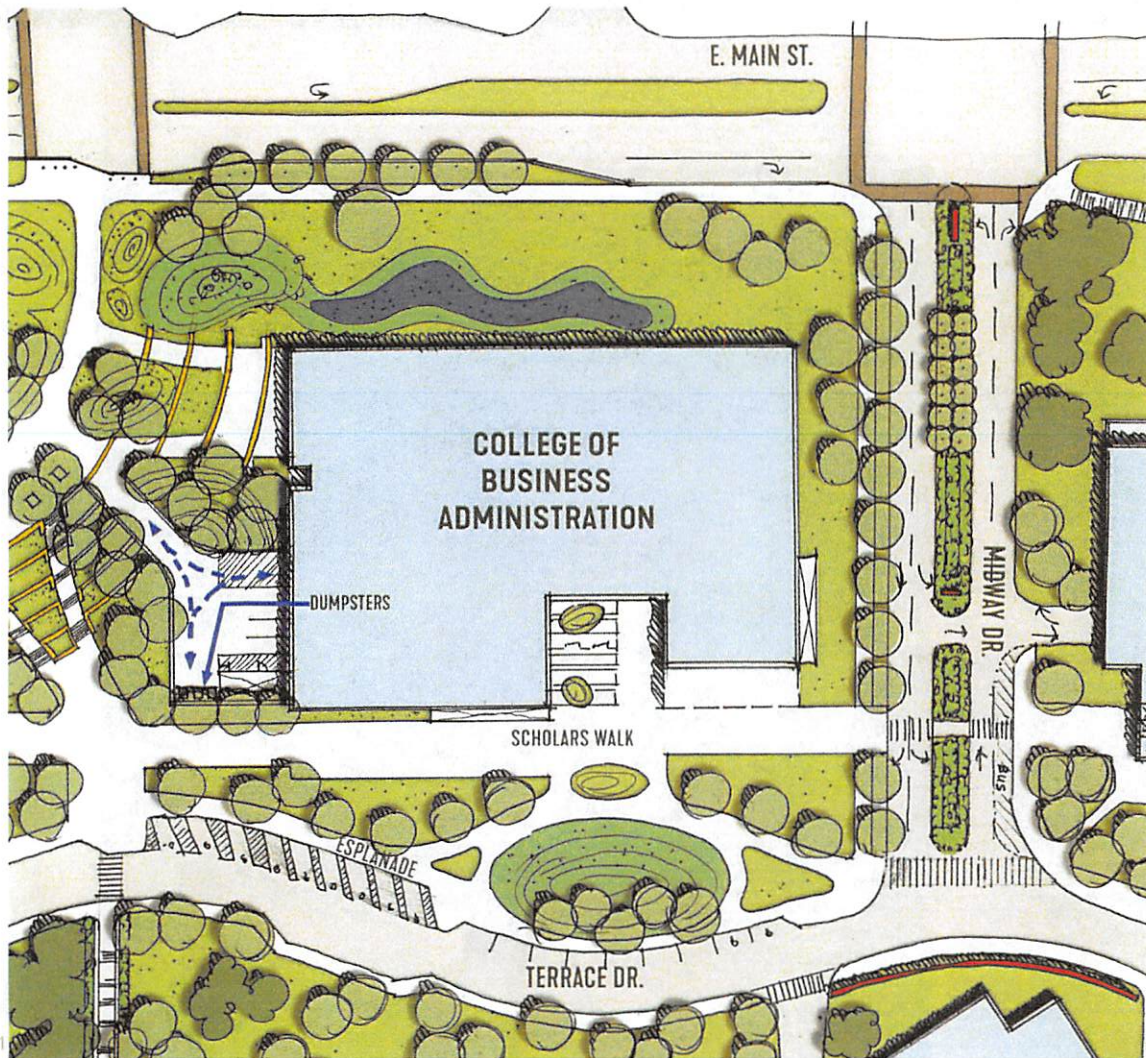


- Terrace Drive Relocation**
- Schematic Design status
- New intersection design at Verder
- New intersection design at Theatre
- New recreation field
- Traffic model and PARTA coordination
- Removes parking on Midway Drive
- New handicap parking and drop off areas at COBA, White and Verder



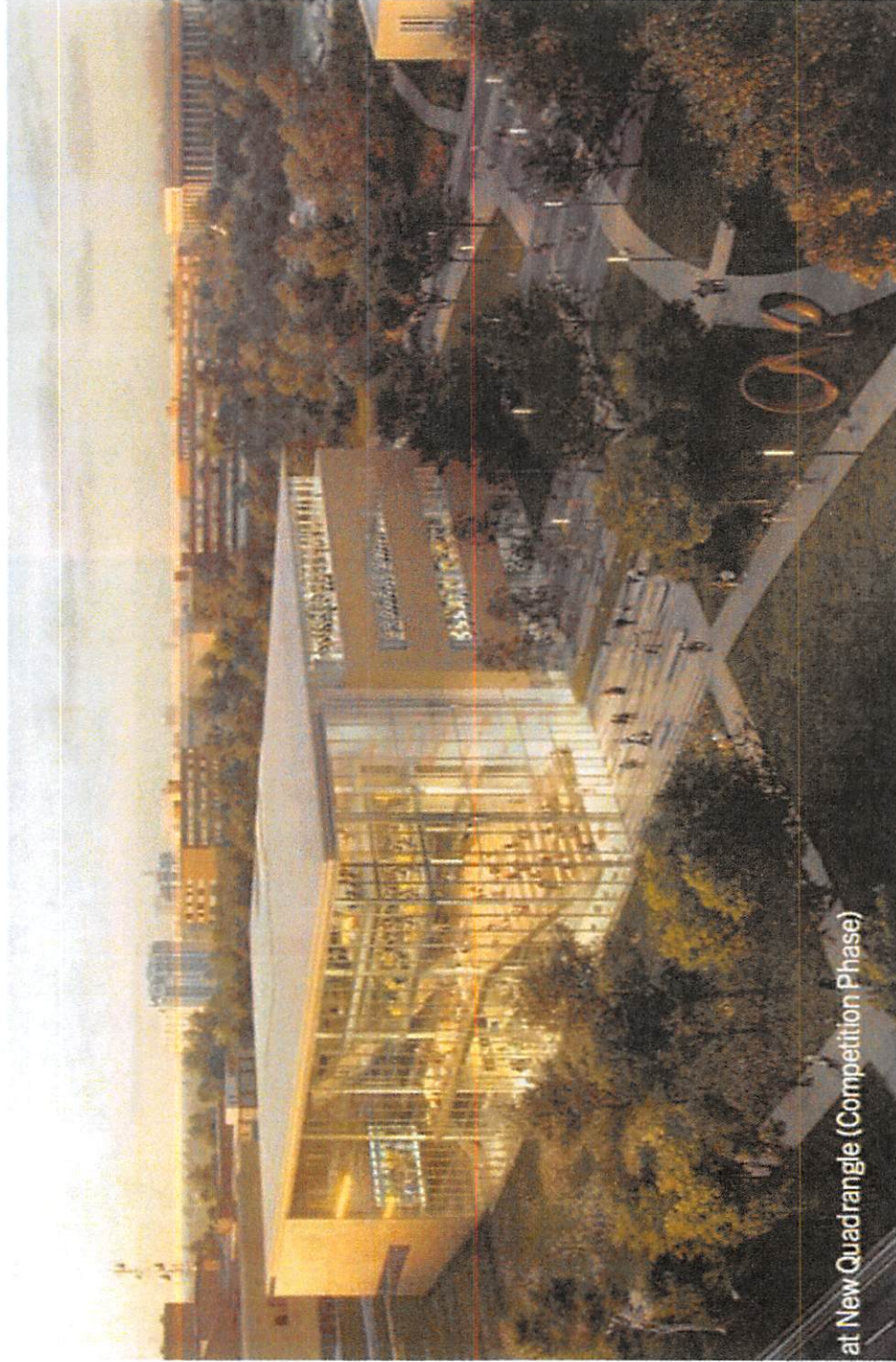
Front Campus Expansion

- Park-like landscape in front of White
- Retain mature trees
- Passive recreation area
- Site for public art
- retain Williamson House
- Emergency access/walkway
- Sidewalks to align with Main Street crosswalks
- COBA small plaza
- Screened service area



New College of Business Administration building

- Design progressing to be complete in February 2020
- Fundraising continues
- Coordinated with Terrace Drive realignment for parking, drop-off and emergency access
- Construction schedule TBD



at New Quadrangle (Competition Phase)



VIEW FROM NW

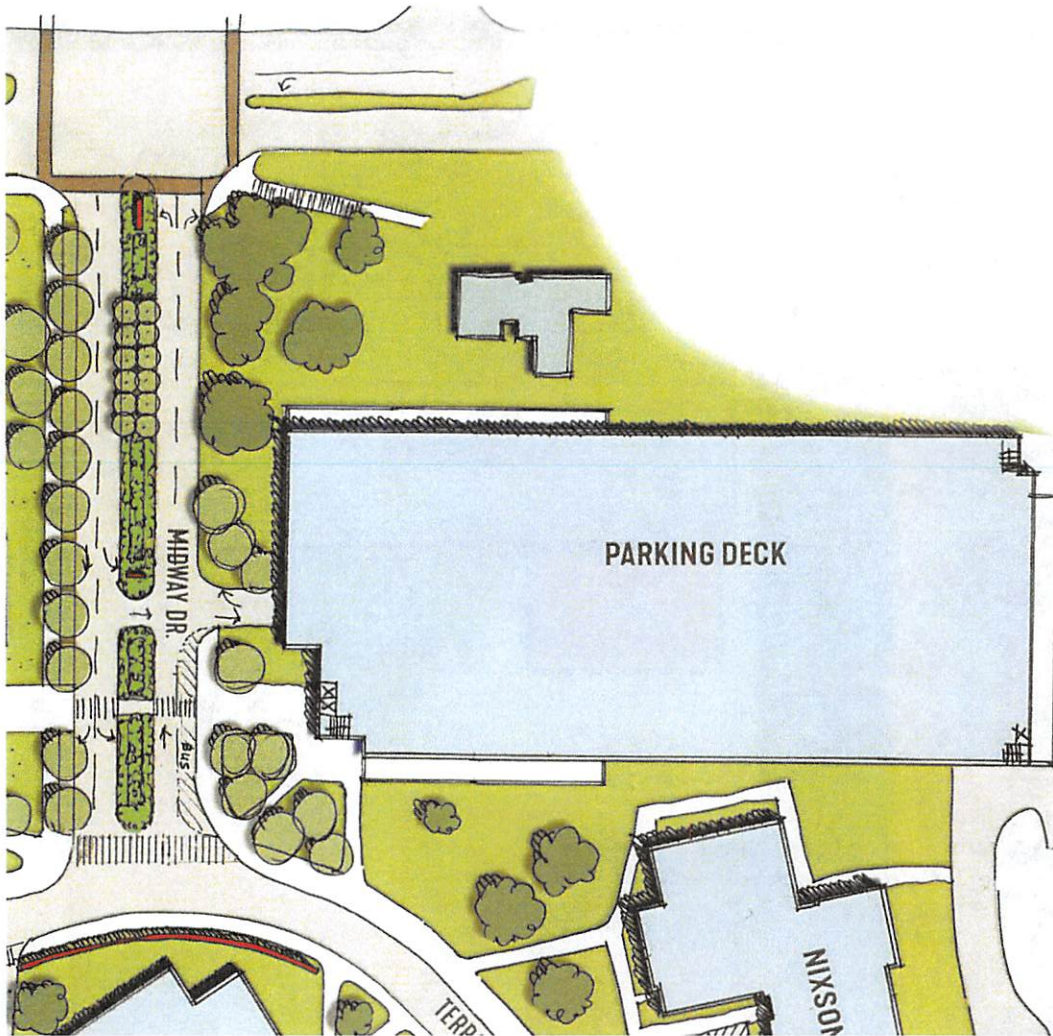


ENTRANCE VIEW FROM SE



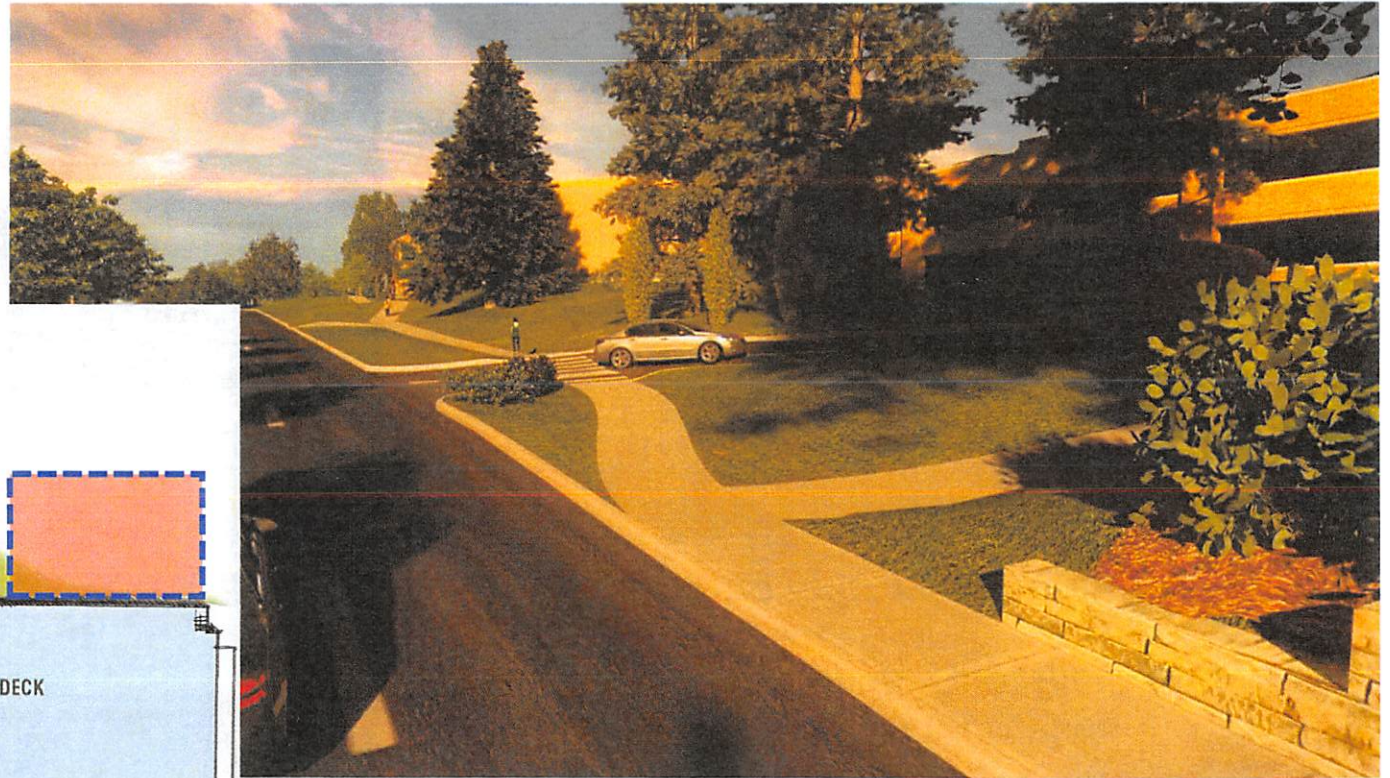
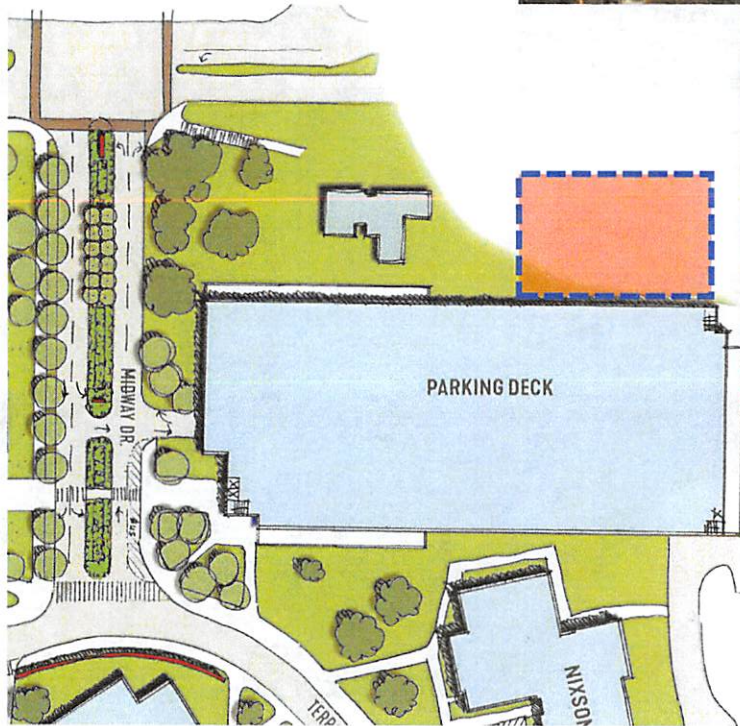
INTERIOR UPDATES ANALYTICS LAB





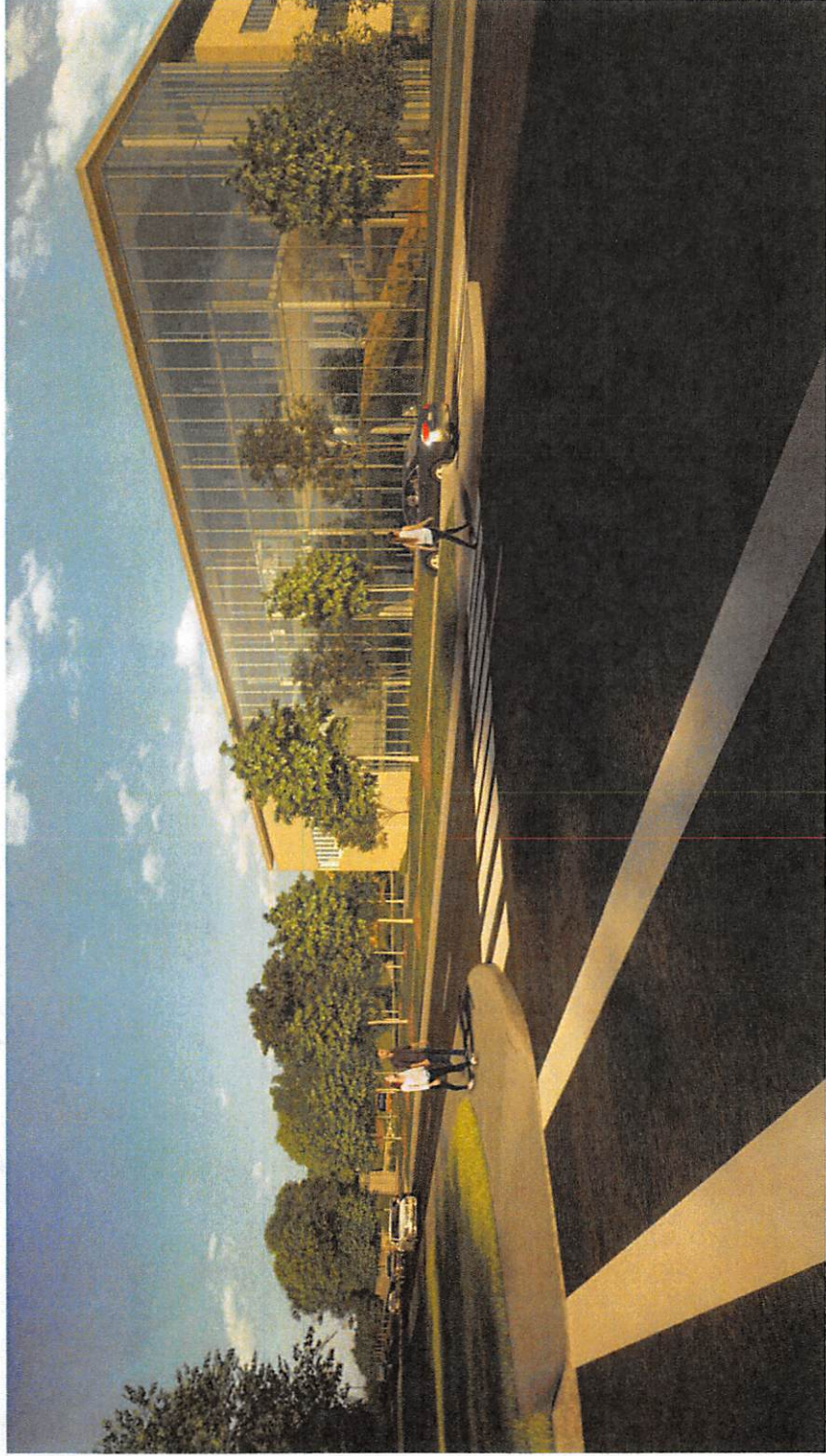
Maint Street Parking Deck

- Schematic Design status
- Traffic model and PARTA coordination
- Efficient layout increases setback from Main St from 75' to 170'
- Funding approval pending December board appv'l
- Construction start Summer 2020
- Opens Fall classes 2021
- Exterior Design being developed to a minimize visual presence of structure



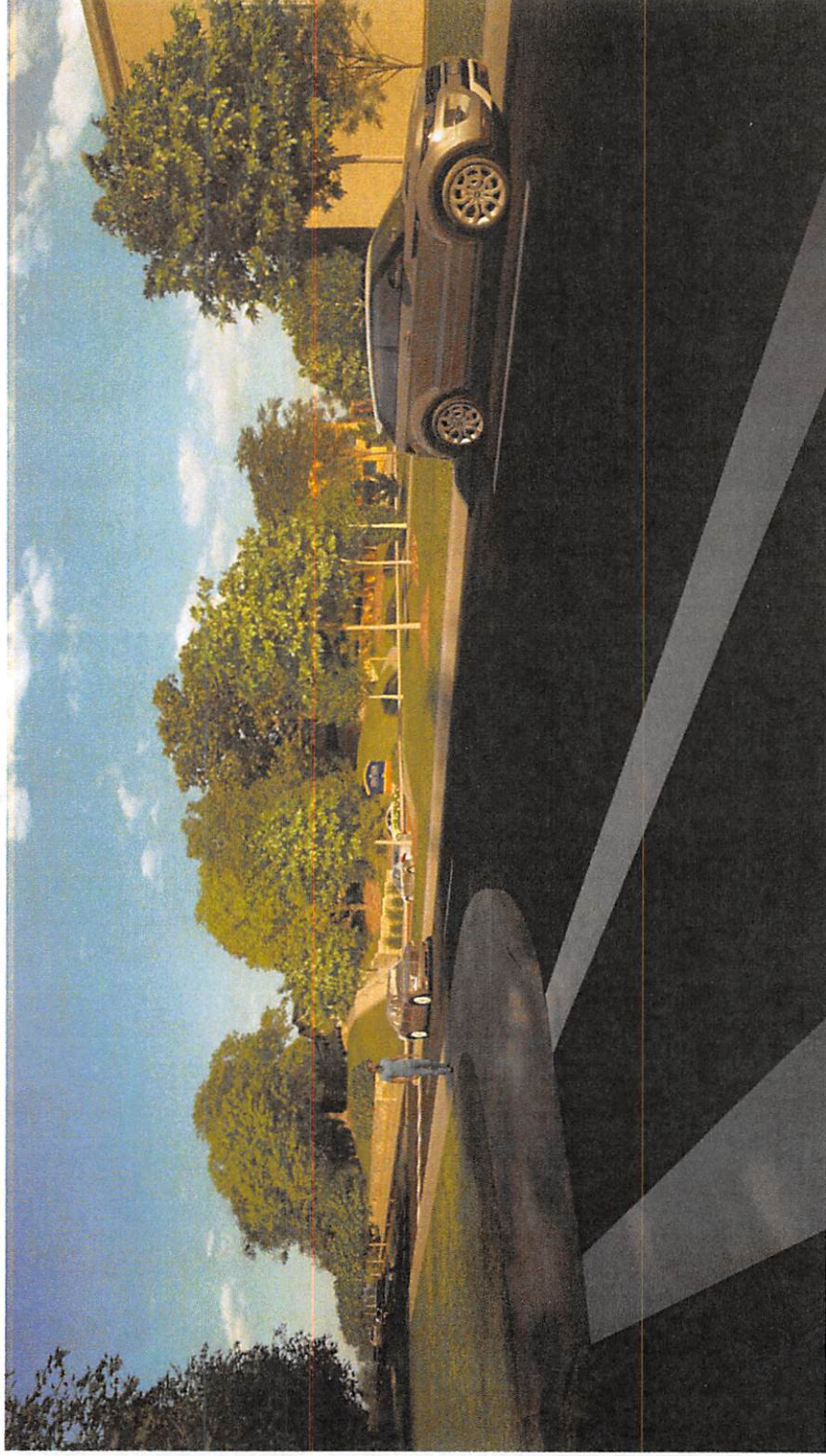
**Previous concept had 75' setback.
Revised design has 170' setback
from the street**

View from Luther Avenue



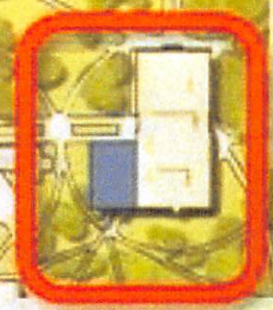
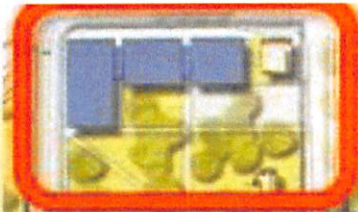
19 10/19/2019

View from Elmwood Drive



10/19/2019

**INTERDISCIPLINARY
STUDIOS/INNOVATION
ZONE/RETAIL**



**WHITE HALL
RENOVATION**



**ROCKWELL HALL
ADDITION/RENOVATION**



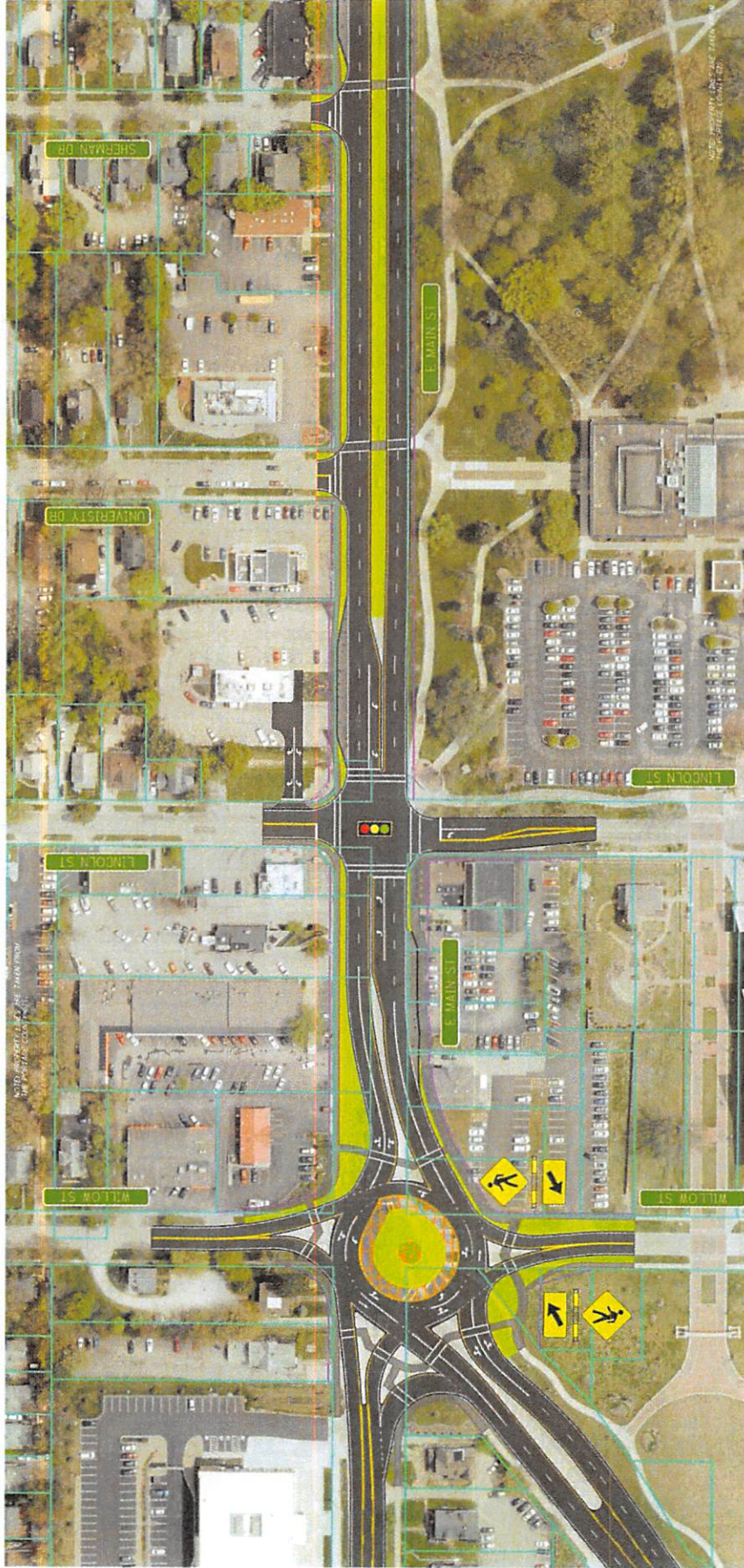
**INNOVATION
DINING**

Studio Building on hold indefinitely

**Coordination with East Main Street
project**

- Roundabout at Willow
- Intersection at Lincoln
- Eliminate driveways
- PARTA coordination

Main/ Haymaker/ Willow Roundabout to Lincoln Street



Phase 1: 2018-2020

Phase 1: 2018-2020

New College of Business Administration Building

Interdisciplinary Studios/Innovation Zone/Retail Phase 1

Innovation Hub and Dining

Teaching and Learning Enhancements

- Aeronautics and Technology Building Addition
- New KSU Airport Classroom Building
- Rockwell Hall Addition and Renovations (Fashion)
- White Hall Renovations Phase 1 (Education)

Research Expansion

- Integrated Sciences Building Lower Level Phase 1

KSU AIRPORT CLASSROOM BUILDING

INTERDISCIPLINARY STUDIOS/INNOVATION ZONE/RETAIL

WHITE HALL RENOVATION

ROCKWELL HALL ADDITION/RENOVATION

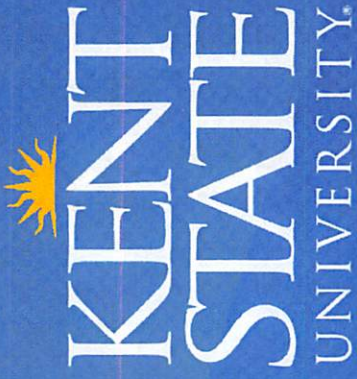
NEW COLLEGE OF BUSINESS ADMINISTRATION

MAIN STREET MULTI-USE PARKING STRUCTURE

INNOVATION HUB AND DINING

INTEGRATED SCIENCES BUILDING LOWER LEVEL PHASE 1

AERONAUTICS AND TECHNOLOGY BUILDING ADDITION



Thank You.
www.kent.edu