

PERKINS+WILL

State University Construction Fund

Binghamton University Facilities Master Plan

Open Forum Session

December 8, 2010, 5:30pm
University Union Mandela Room



INTRODUCTION /10min

PRESENTATION /30min

Q+A /30min

CLOSING /10min

INTRODUCTION

PRESENTATION

- 1. Project Intent and Process**
- 2. Existing BU Facilities and Conditions**
- 3. Growth of BU to 2023**
- 4. Project Drivers and Planning Principles**

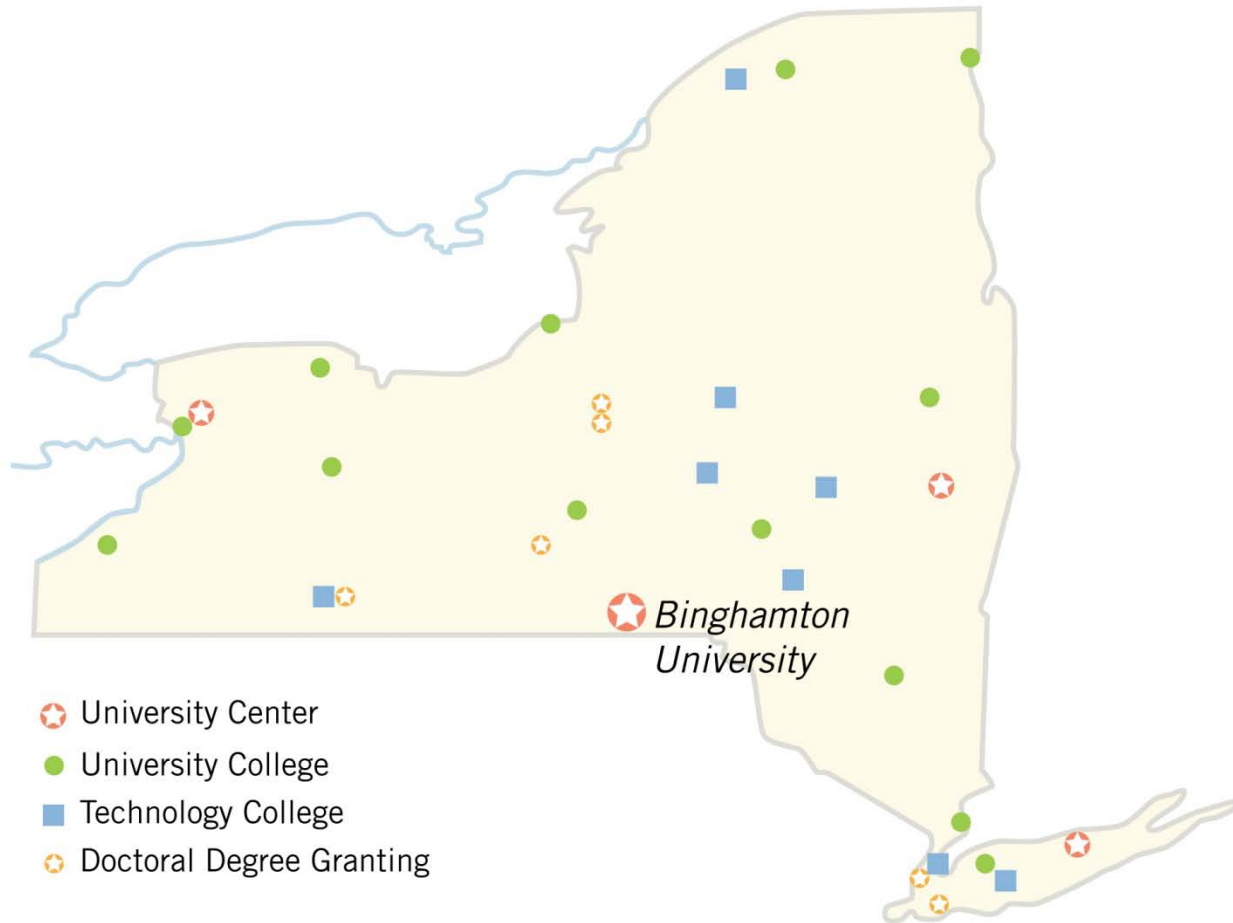
1. Project Intent and Process

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4. Project Drivers and Planning Principles

SUNY SYSTEM-WIDE PLANNING EFFORT



PROJECT INTENT AND PROCESS

SUNY SYSTEM-WIDE PLANNING EFFORT

- Future construction projects that **support the academic mission**
- Inform **future construction funding requests**
- *Fundamentally the process is about maximizing the value of limited resources*



PROJECT INTENT AND PROCESS

A DEMANDING TIME FOR HIGHER EDUCATION

- **Competition** for students and resources
- **Technological advances**
- International **fiscal downturn**
- **Demographic downturn** of high school graduates
- **Leadership transitions**, demanding a flexible plan



PROJECT INTENT AND PROCESS

1. Campus Profile

January – April 2010

Gather background information about the campus.

2. Conditions Assessment

January – July 2010

Understand existing conditions, opportunities, and constraints; identify issues and considerations to inform current and future uses.

3. Analysis of Space Needs

March 2010 – January 2011

Identify current and future utilization, capacity, and space needs of campus facilities and programs based on institutional mission and academic direction.

4. Concept Alternatives

September 2010 – February 2011

Propose facility development alternatives: “How do we get there from here?”

5. Final Recommendations

February – March 2011

Provide a plan to prioritize and sequence future capital projects and identify capital funding requirements that support mission.

6. Report Realignment

April 2011

Assist in reconciling this FMP with those from around the State.

PROJECT INTENT AND PROCESS

BINGHAMTON UNIVERSITY'S FMP

- Define the **required campus environment** to realize strategic mission and academic goals
- Create an **implementable roadmap** to guide campus development over two capital funding periods: 2013-2018 and 2018-2023



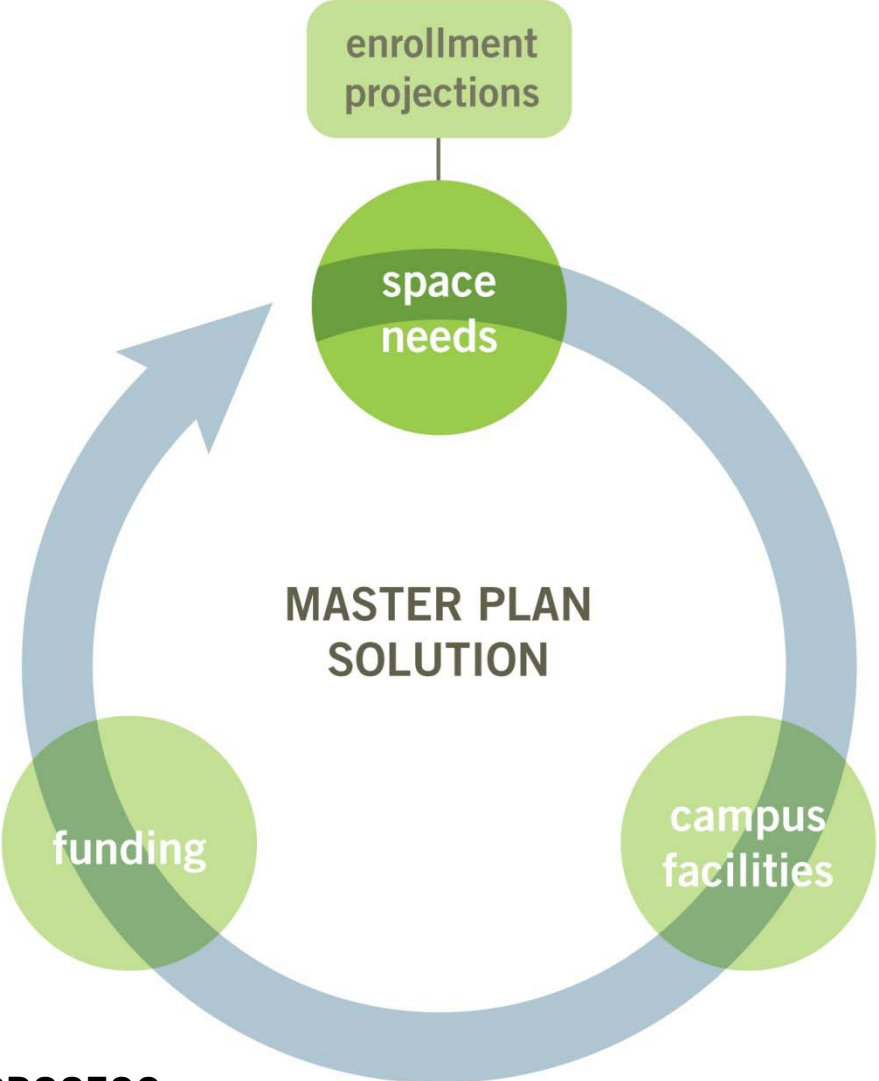
PROJECT INTENT AND PROCESS

CONSULTANT APPROACH TO PLANNING Planning Drivers



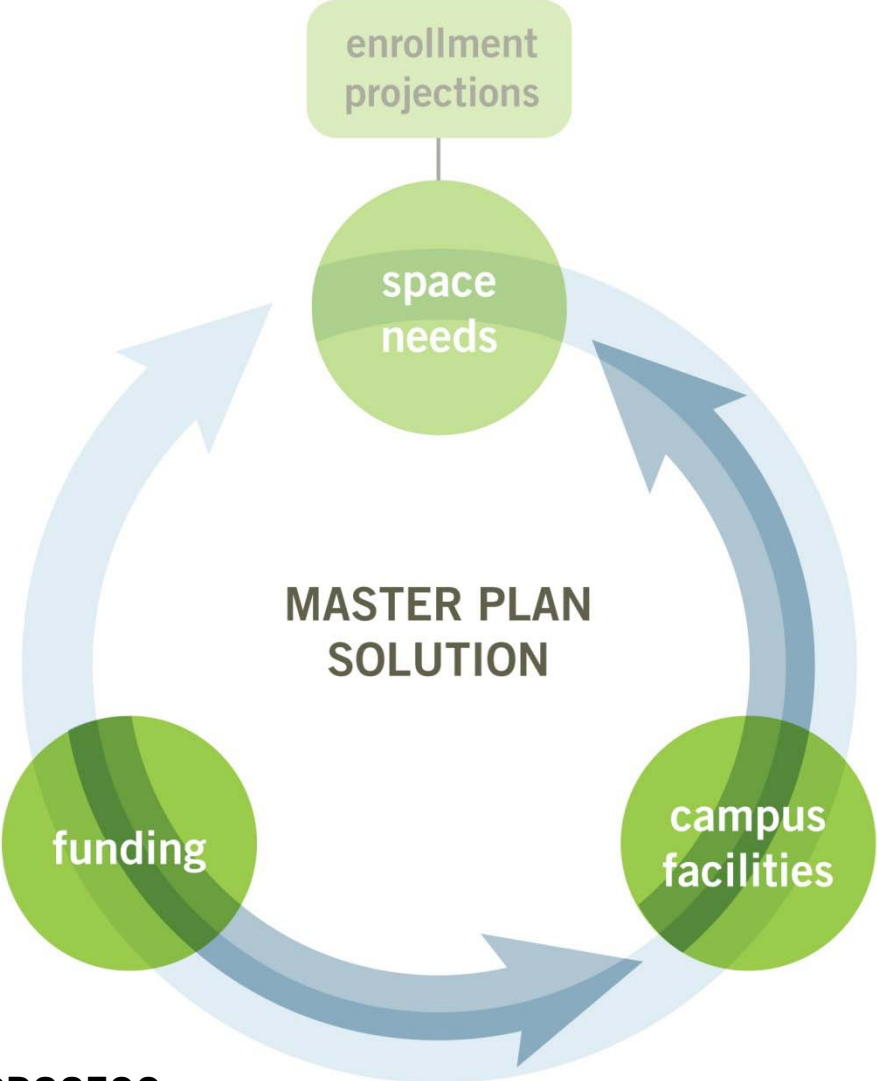
PROJECT INTENT AND PROCESS

CONSULTANT APPROACH TO PLANNING First Pass



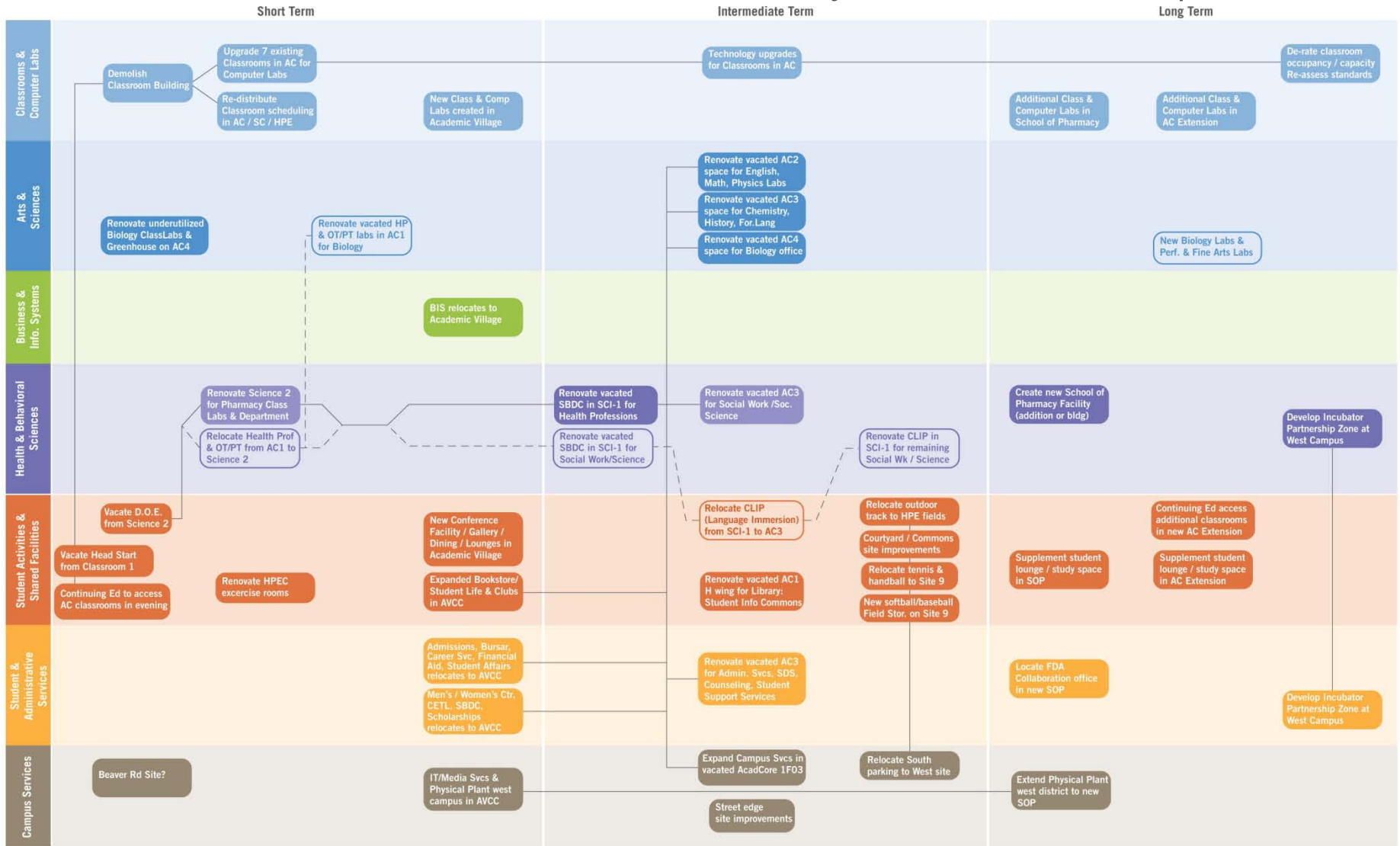
PROJECT INTENT AND PROCESS

CONSULTANT APPROACH TO PLANNING Subsequent Pass



PROJECT INTENT AND PROCESS

CONSULTANT APPROACH TO PLANNING Project Matrix Roadmap



PROJECT INTENT AND PROCESS

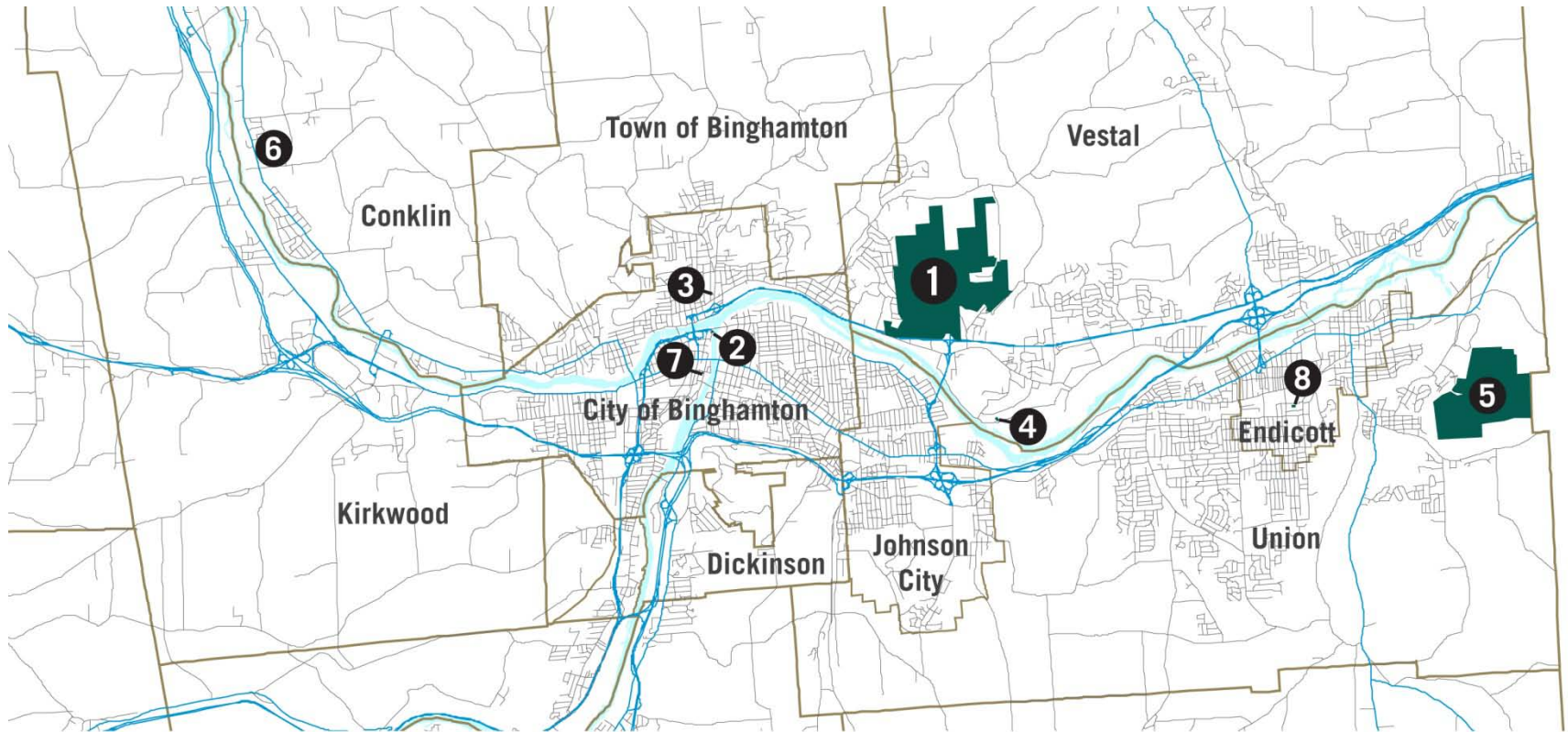
CONSULTANT APPROACH TO PLANNING Project Matrix Roadmap

Classrooms & Computer Labs	
Harpur Fine Arts, Humanities Social Sciences, Math	
Harpur Sciences	
Watson Engineering	
Professional Programs	
Centers, Institutes, Grant Funded Programs	
Libraries, Assembly & Exhibition	
Student Activities & Services, Administration	
Athletics, Recreation, Health & Wellness Services	
Campus Services & ITS	

PROJECT INTENT AND PROCESS

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BINGHAMTON UNIVERSITY IN 2010

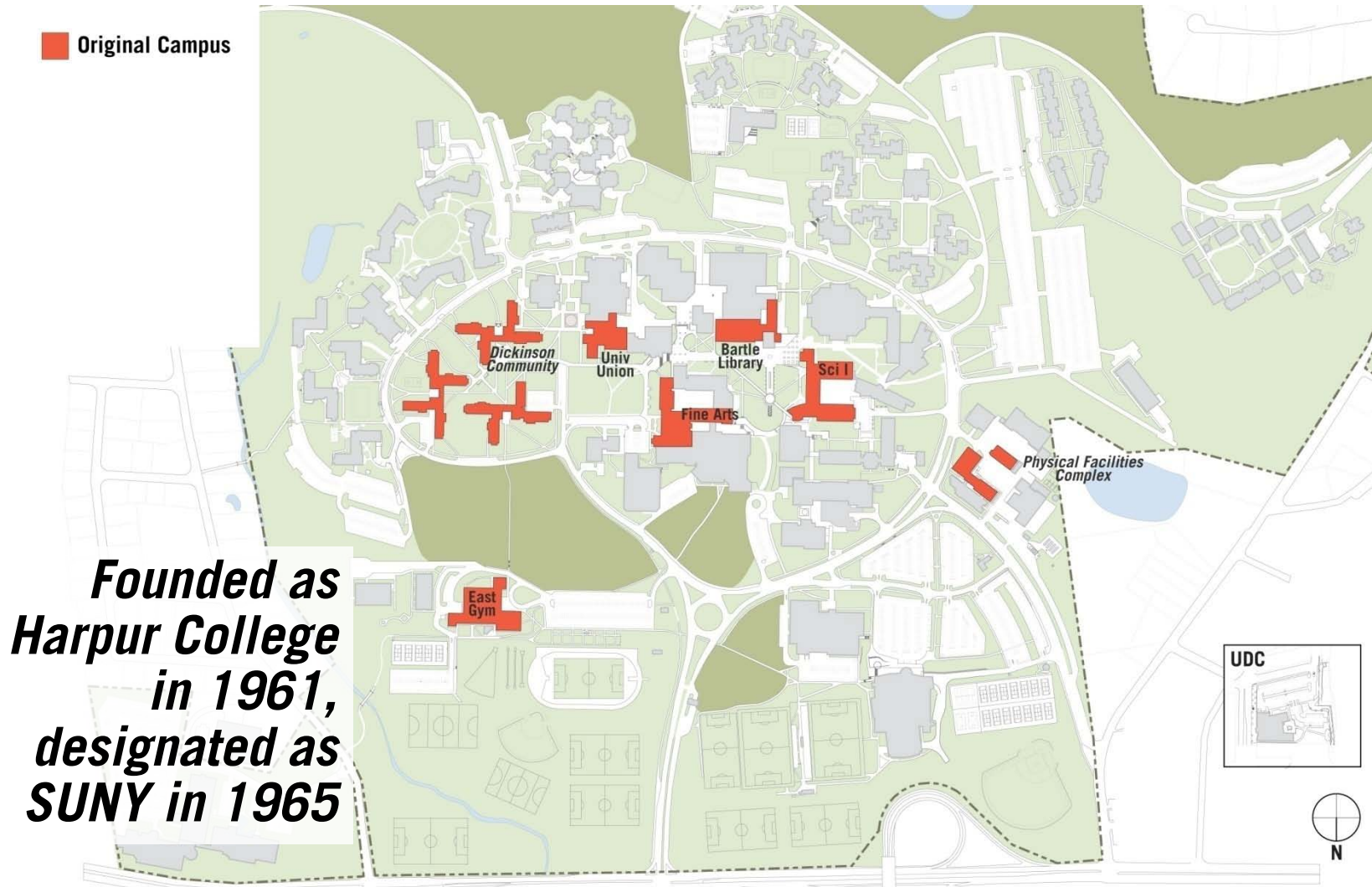


- 1 Main Campus (State- and Foundation-Owned)
- 2 University Downtown Center (State-owned)
- 3 43 Park Avenue (State-owned)
- 4 426-428 Commerce Road (Foundation-owned)
- 5 Glendale Property forested parcel (Foundation-owned)

- 6 Library Annex at Conklin (Leased)
- 7 Art Factory (Leased)
- 8 CAMM at Endicott Interconnect (Use Agreement)

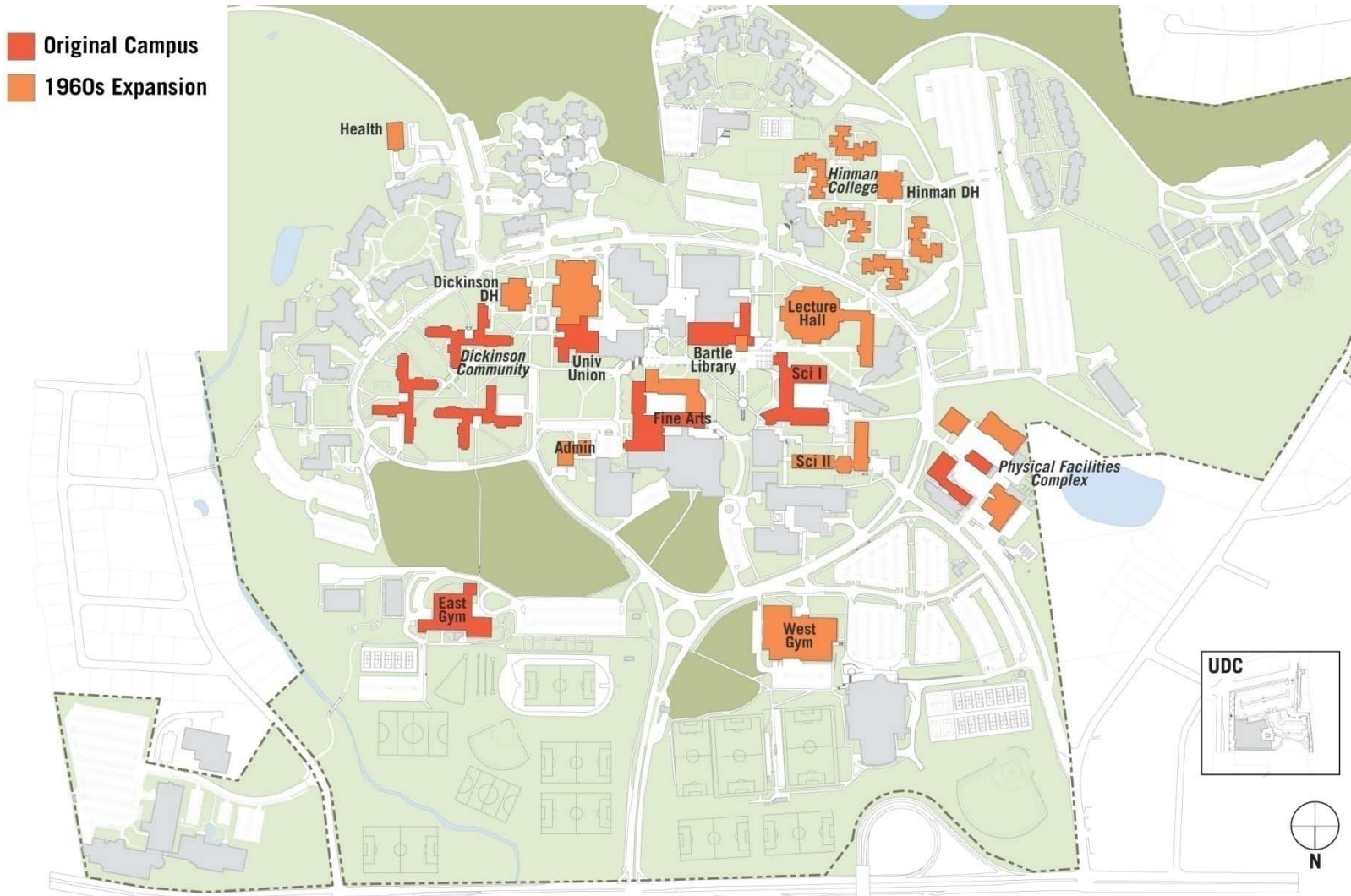
EXISTING FACILITIES AND CONDITIONS

CAMPUS DEVELOPMENT HISTORY



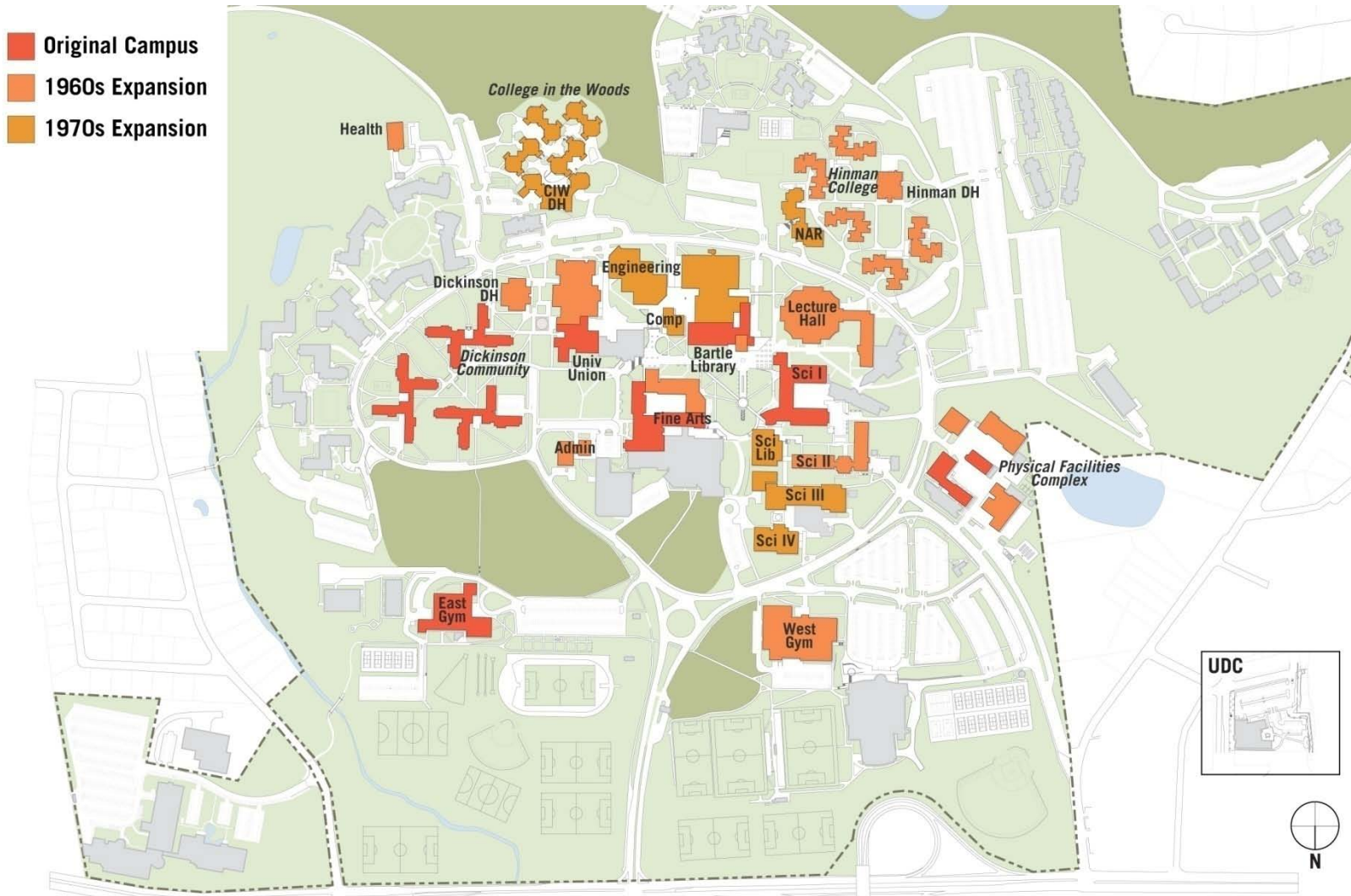
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CAMPUS DEVELOPMENT HISTORY



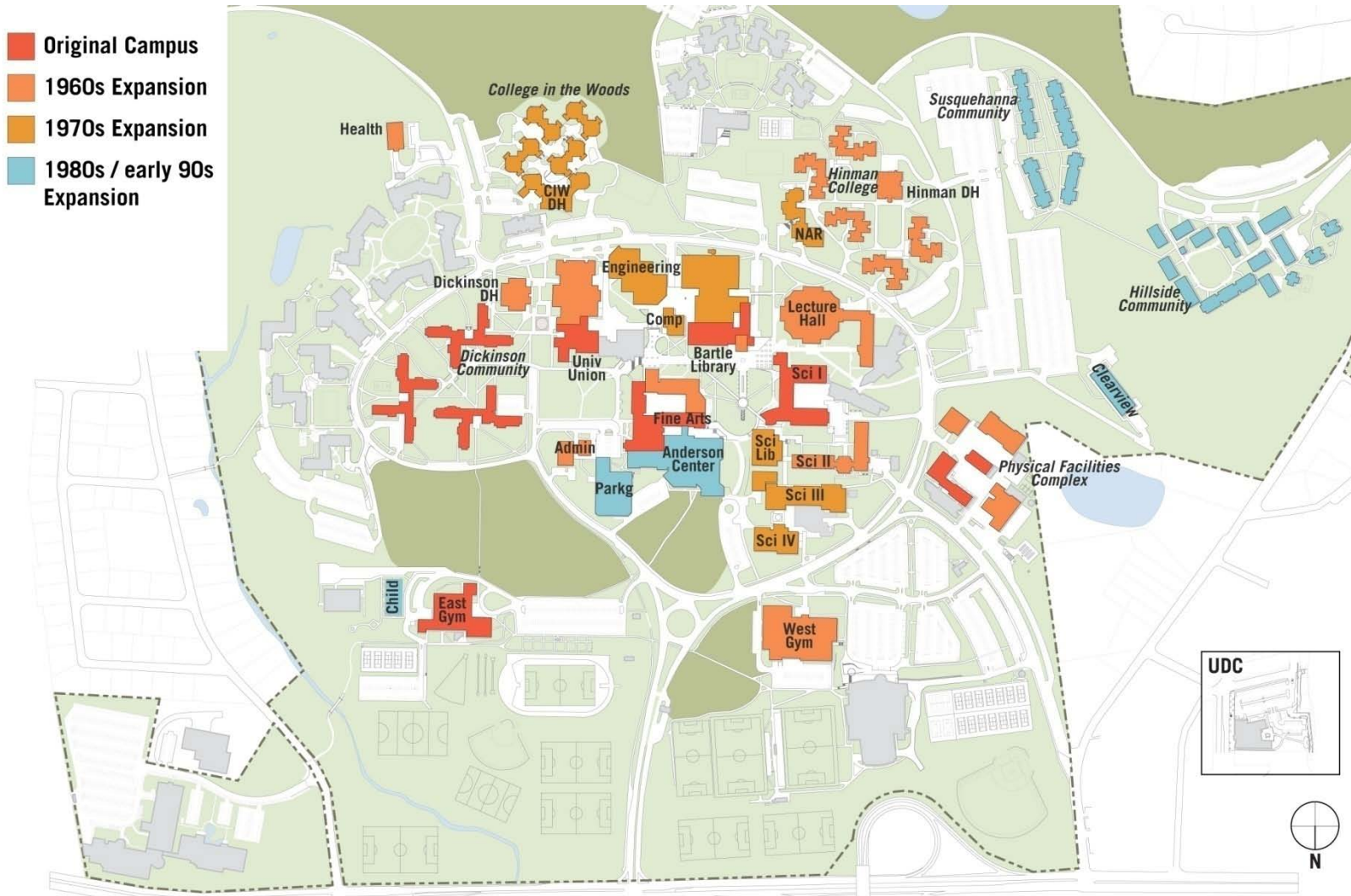
EXISTING FACILITIES AND CONDITIONS

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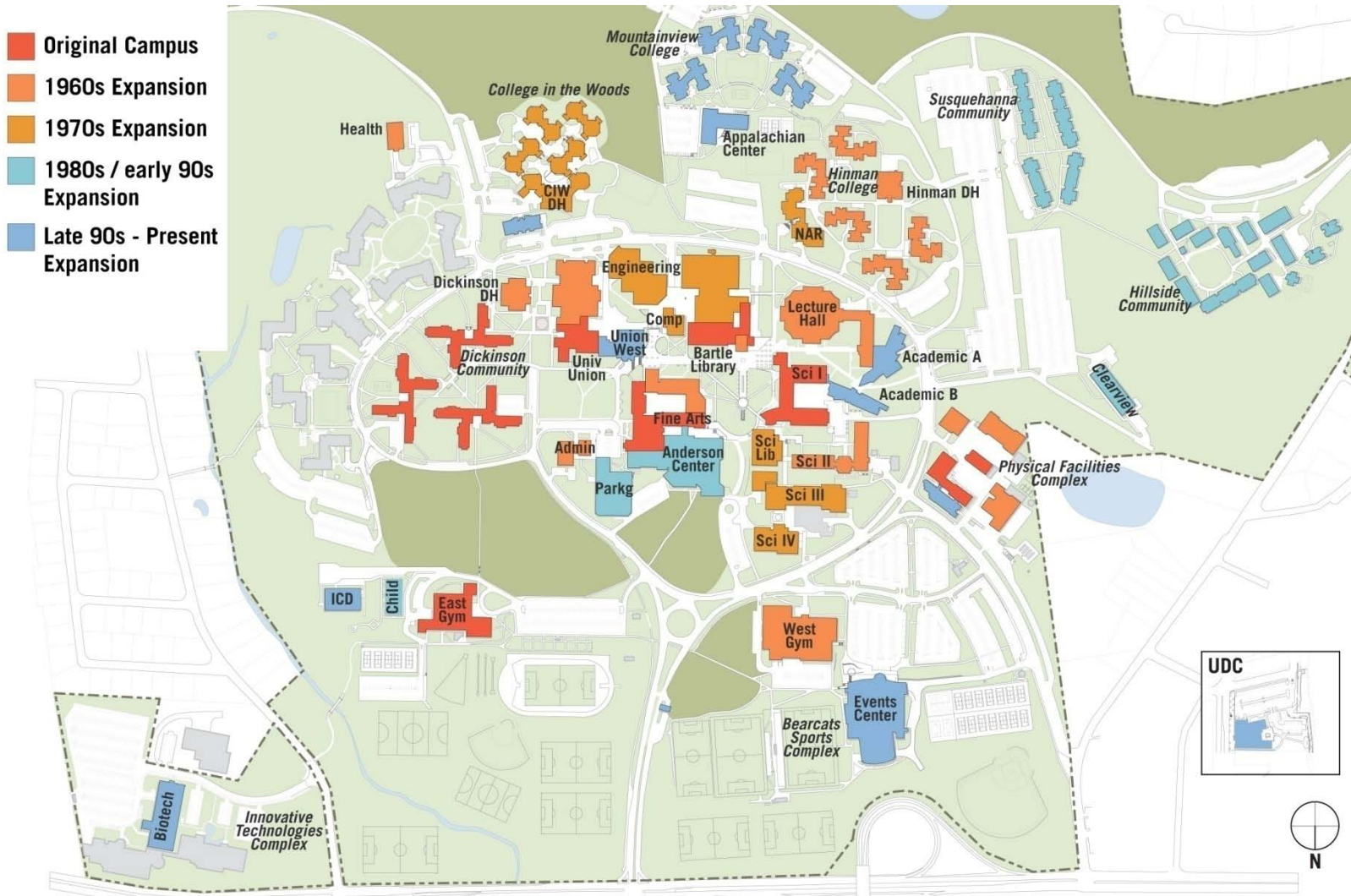
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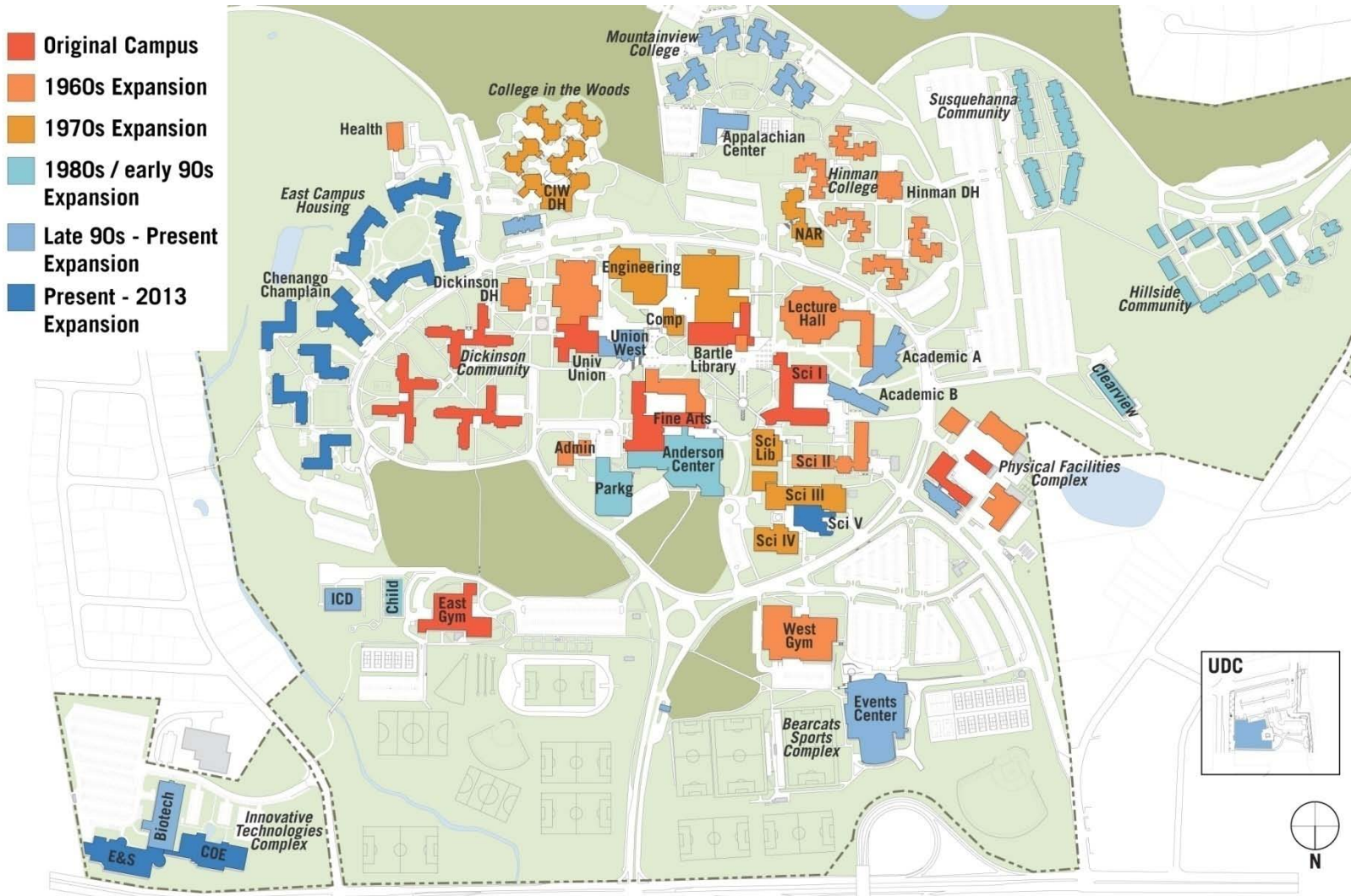
EXISTING FACILITIES AND CONDITIONS

CAMPUS DEVELOPMENT HISTORY



EXISTING FACILITIES AND CONDITIONS

CAMPUS DEVELOPMENT HISTORY



EXISTING FACILITIES AND CONDITIONS

CONTRIBUTING BUILDINGS



EXISTING FACILITIES AND CONDITIONS

BINGHAMTON UNIVERSITY FACILITIES MASTER PLAN
OPEN FORUM SESSION, 8 DECEMBER 2010

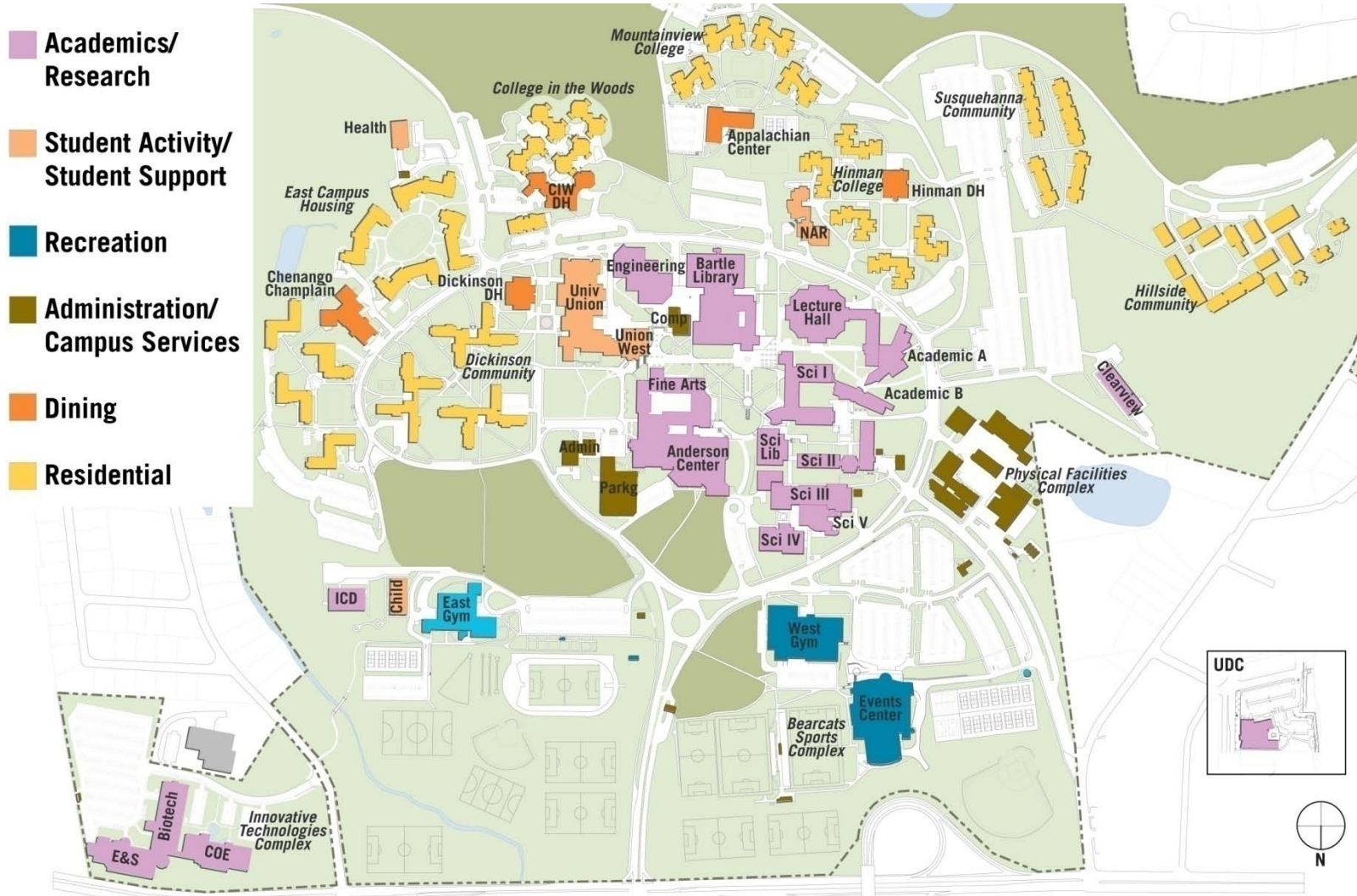
CONTRIBUTING BUILDINGS



EXISTING FACILITIES AND CONDITIONS

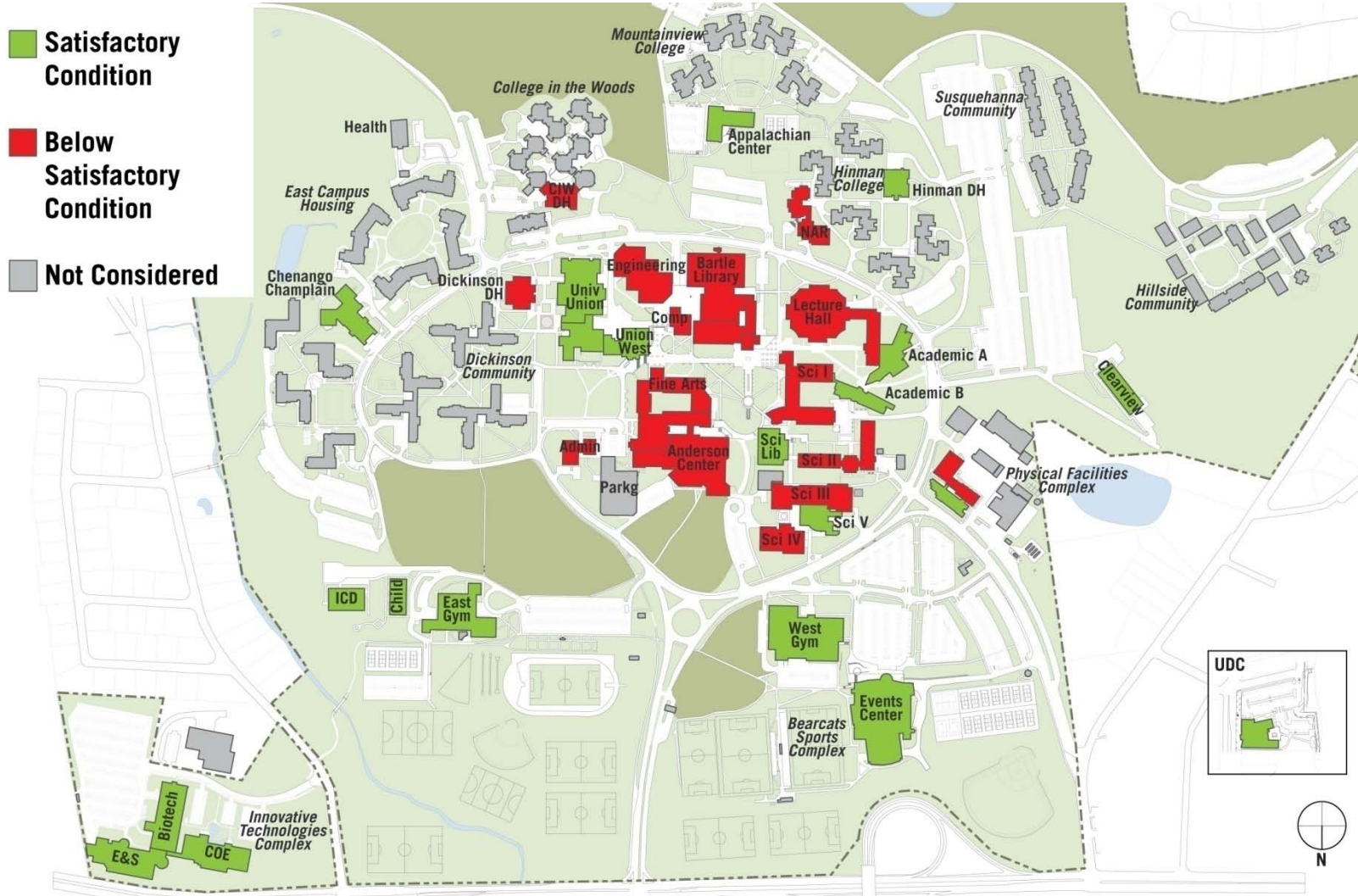
BINGHAMTON UNIVERSITY FACILITIES MASTER PLAN
OPEN FORUM SESSION, 8 DECEMBER 2010

BUILDING FUNCTION



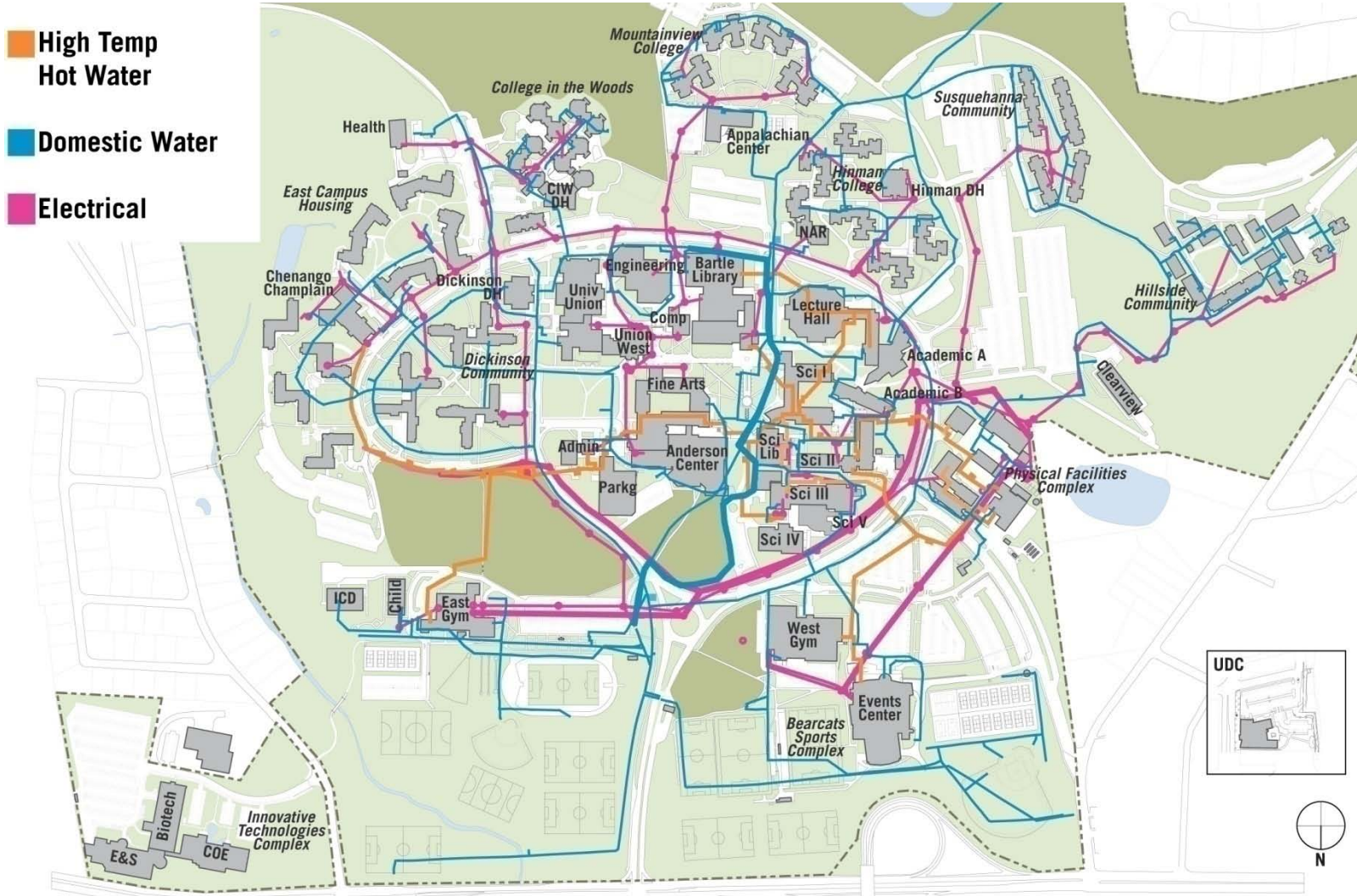
EXISTING FACILITIES AND CONDITIONS

BUILDING CONDITION



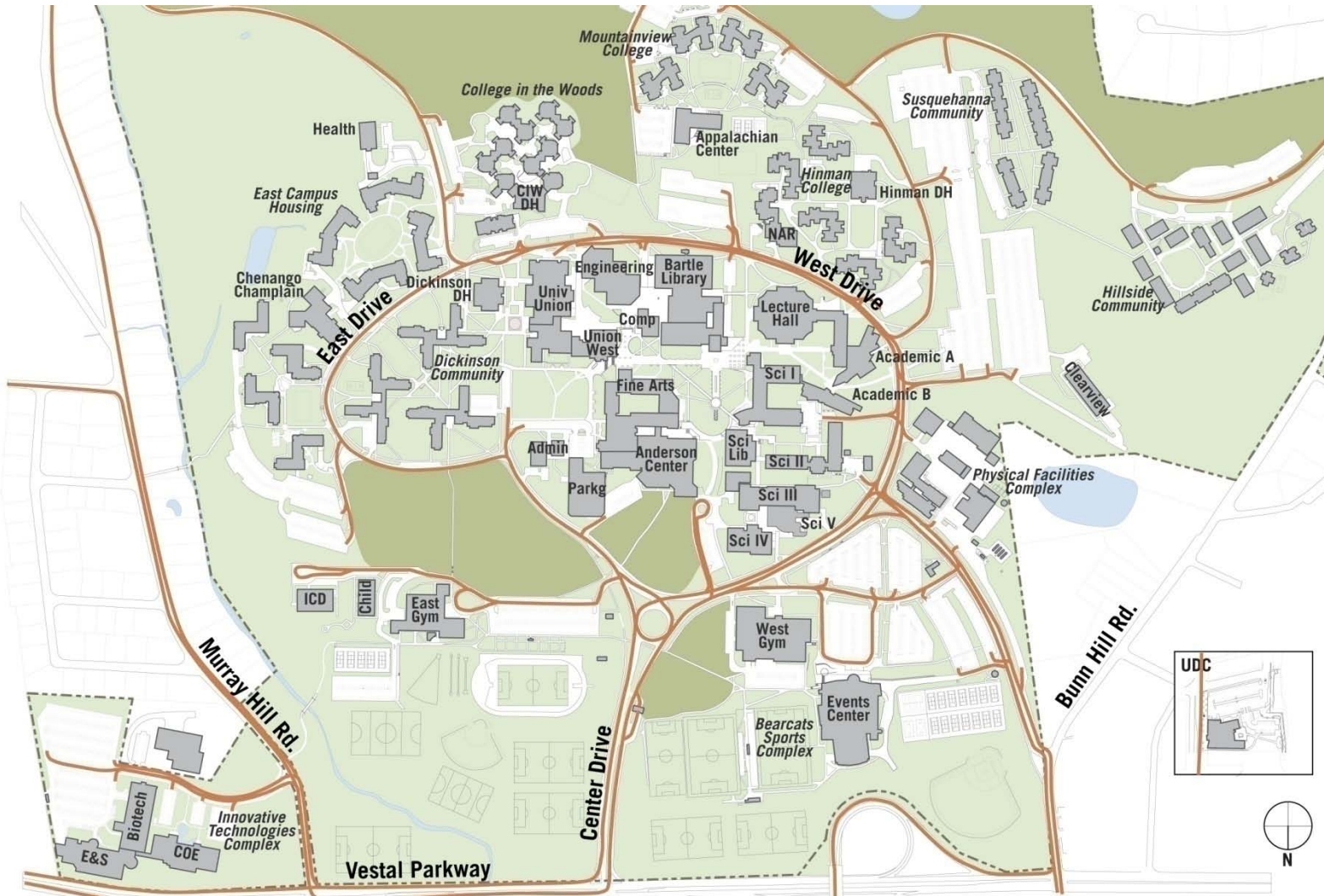
EXISTING FACILITIES AND CONDITIONS

INFRASTRUCTURE



EXISTING FACILITIES AND CONDITIONS

VEHICULAR CIRCULATION

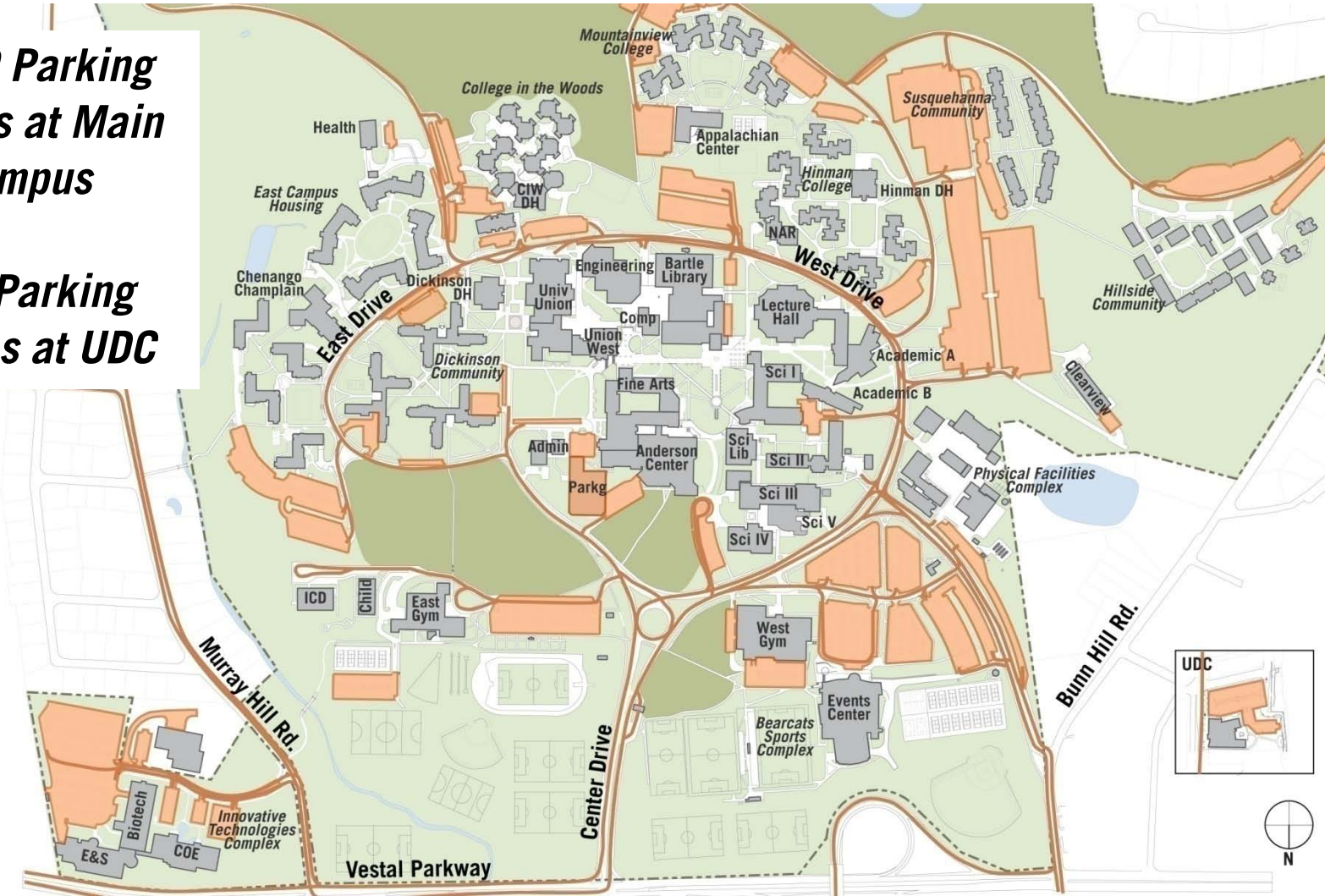


EXISTING FACILITIES AND CONDITIONS

PARKING

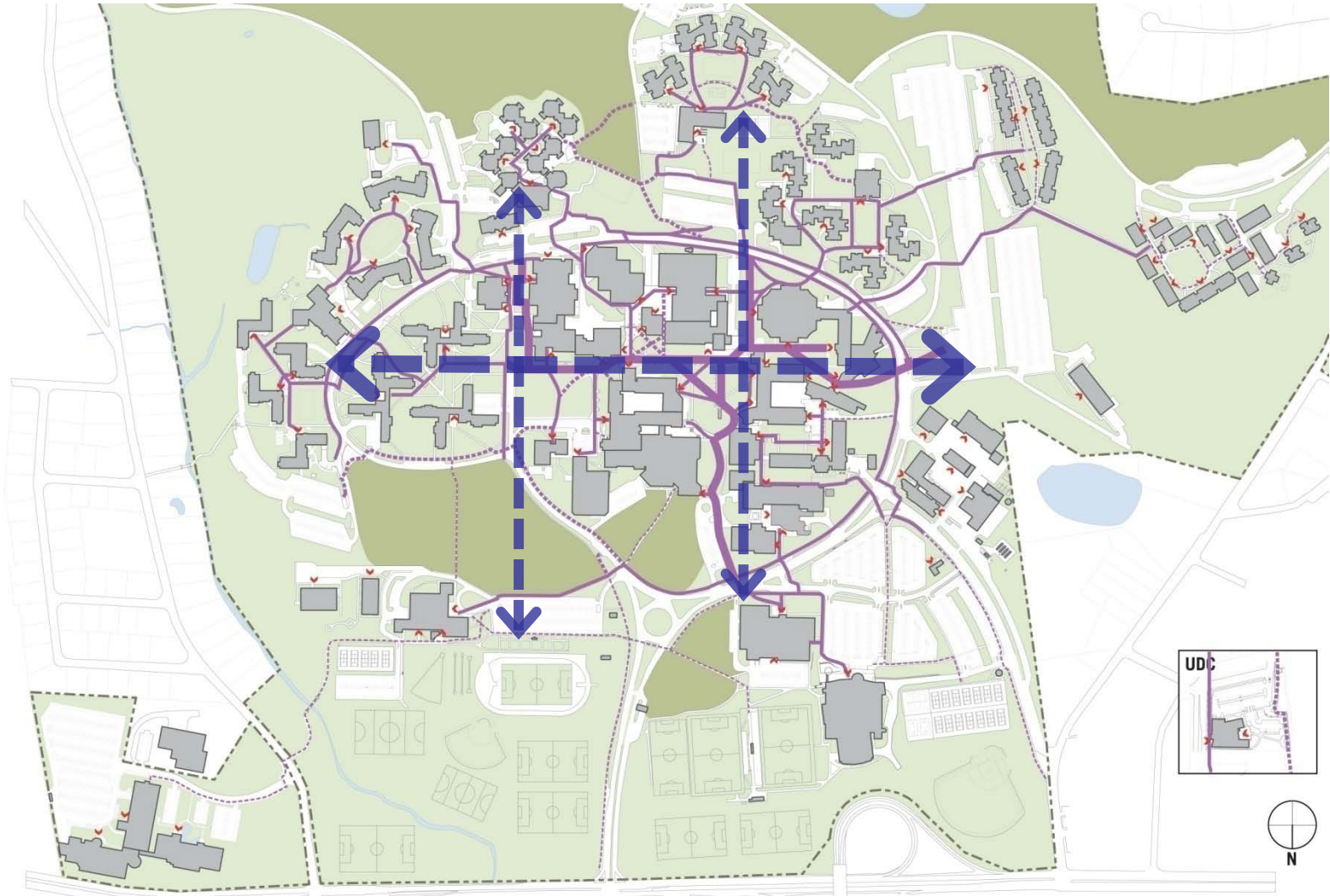
6,950 Parking Spaces at Main Campus

130 Parking Spaces at UDC



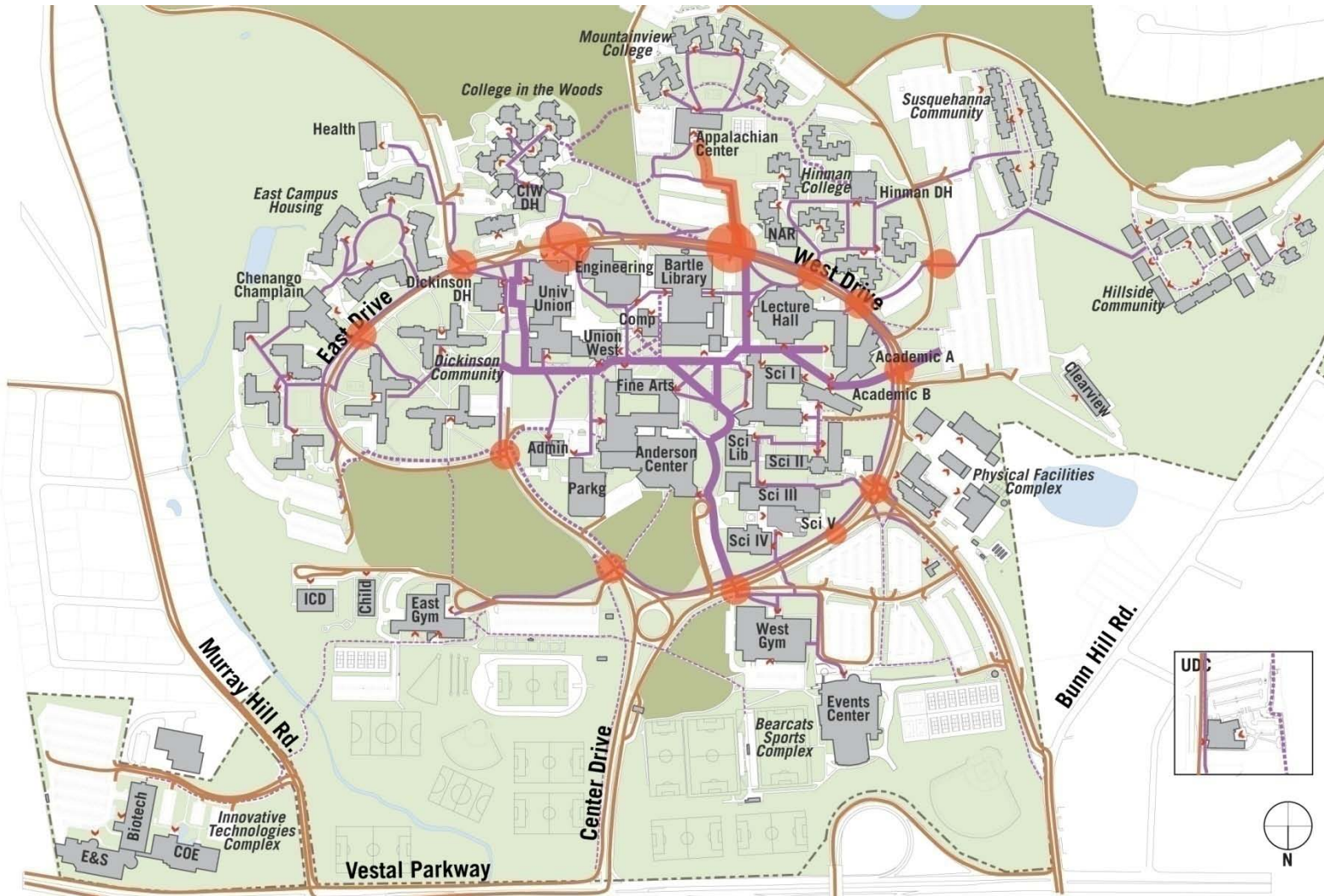
EXISTING FACILITIES AND CONDITIONS

PEDESTRIAN CIRCULATION



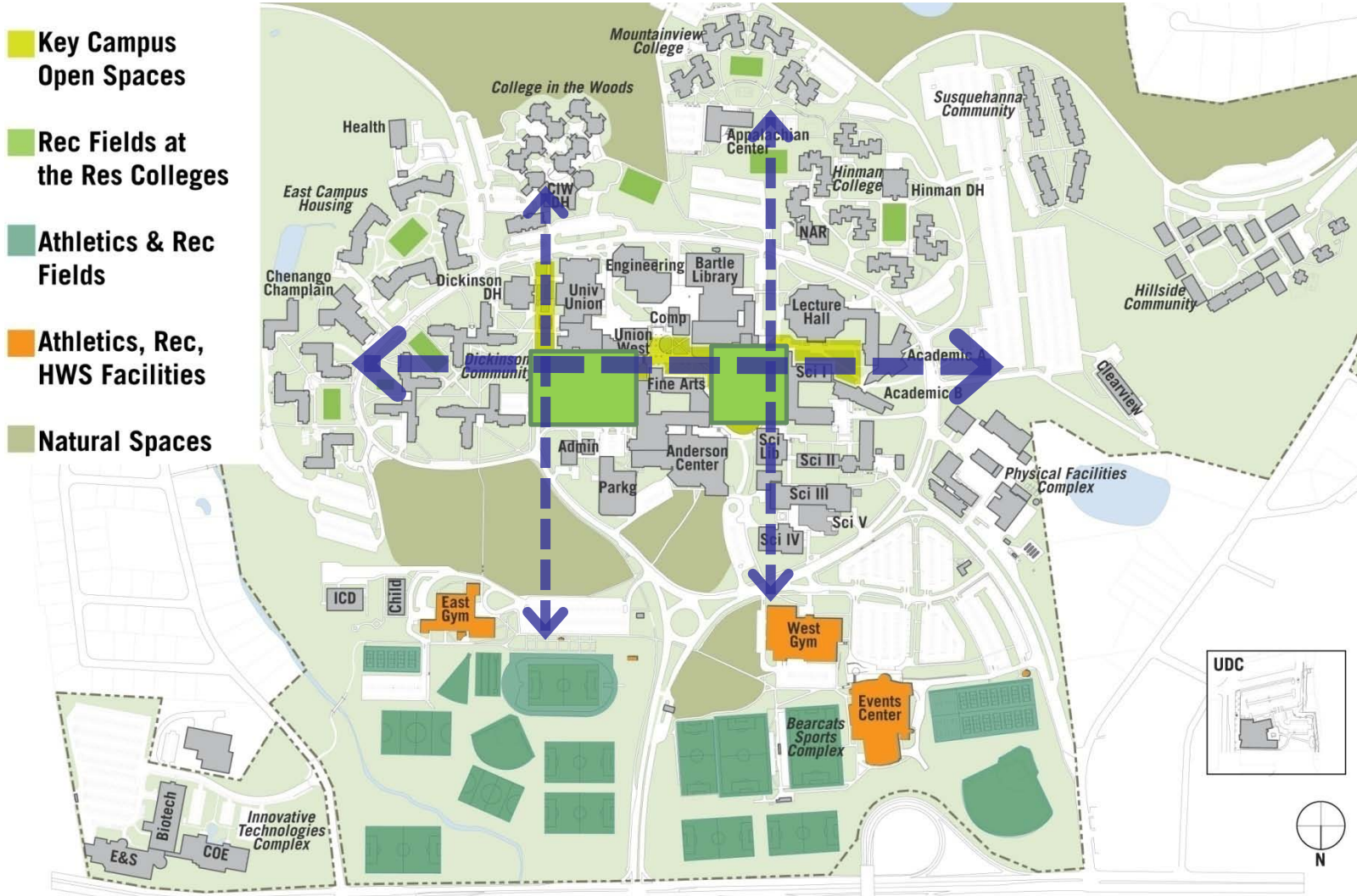
EXISTING FACILITIES AND CONDITIONS

PEDESTRIAN-VEHICULAR CONFLICTS



EXISTING FACILITIES AND CONDITIONS

OPEN SPACE CHARACTER



EXISTING FACILITIES AND CONDITIONS

PLANNING FRAMEWORKS

Development:

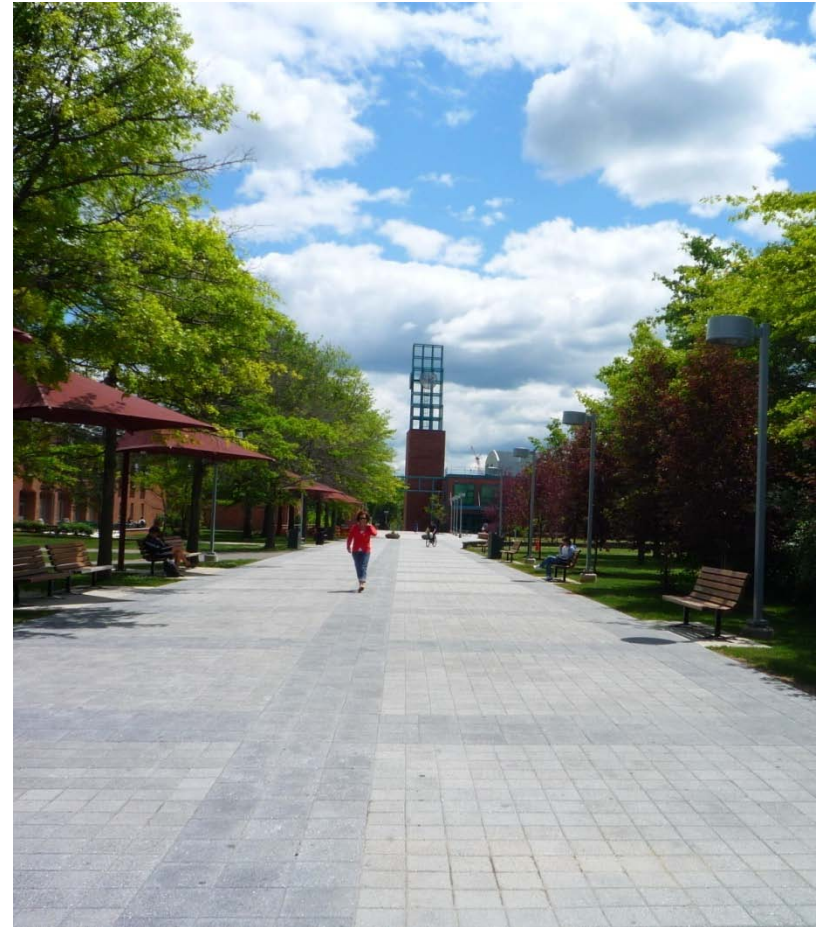
- Age and condition of buildings
- Existing campus use zones
- Utilities and infrastructure

Circulation:

- Pedestrian experience
- Clarification of vehicular routes
- Parking

Open Space:

- Key campus quadrangles
- Role of natural areas
- Outdoor playing fields



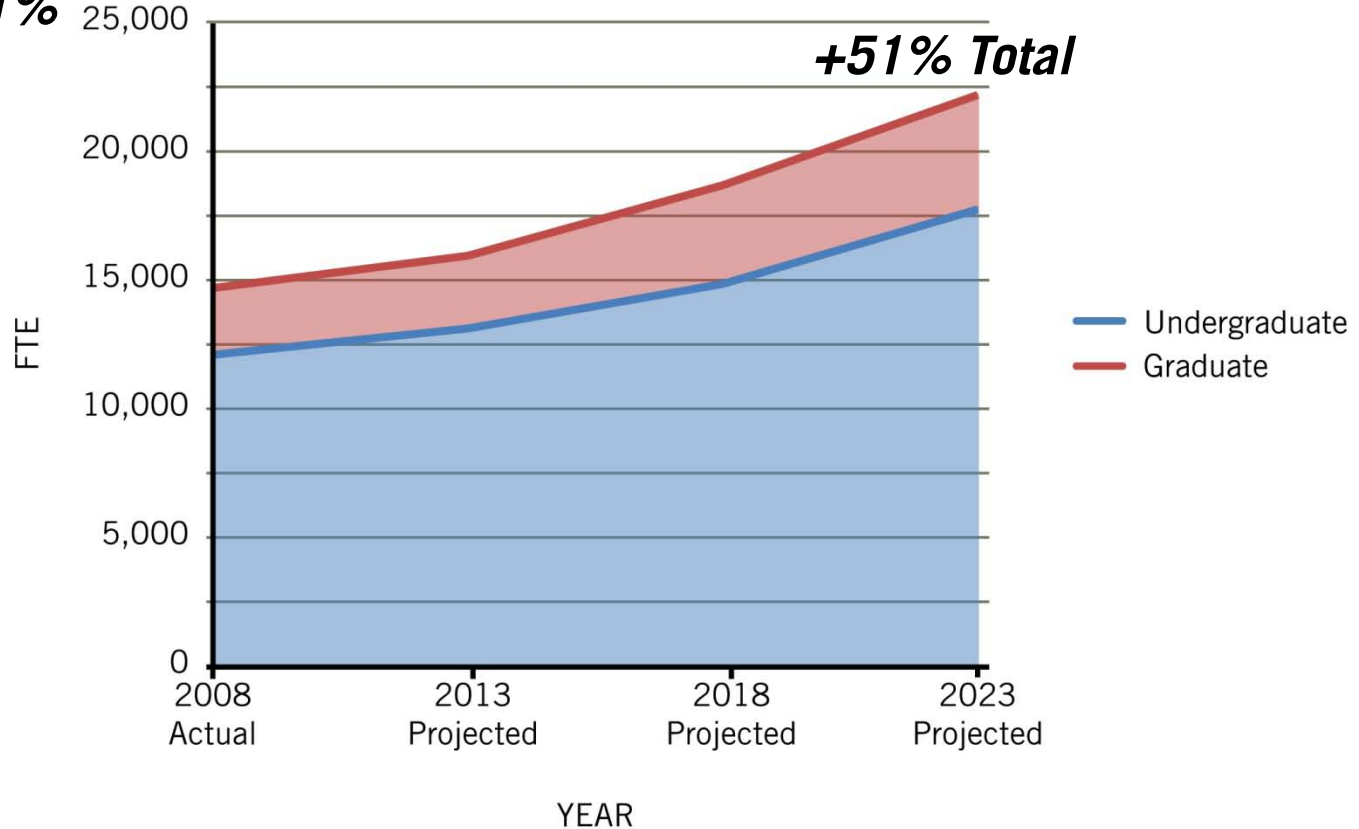
EXISTING FACILITIES AND CONDITIONS

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ENROLLMENT PROJECTIONS, UNIVERSITY-WIDE

Total Enrollment
Increase: +51%

UG: +47%
G: +72%



GROWTH OF BU TO 2023

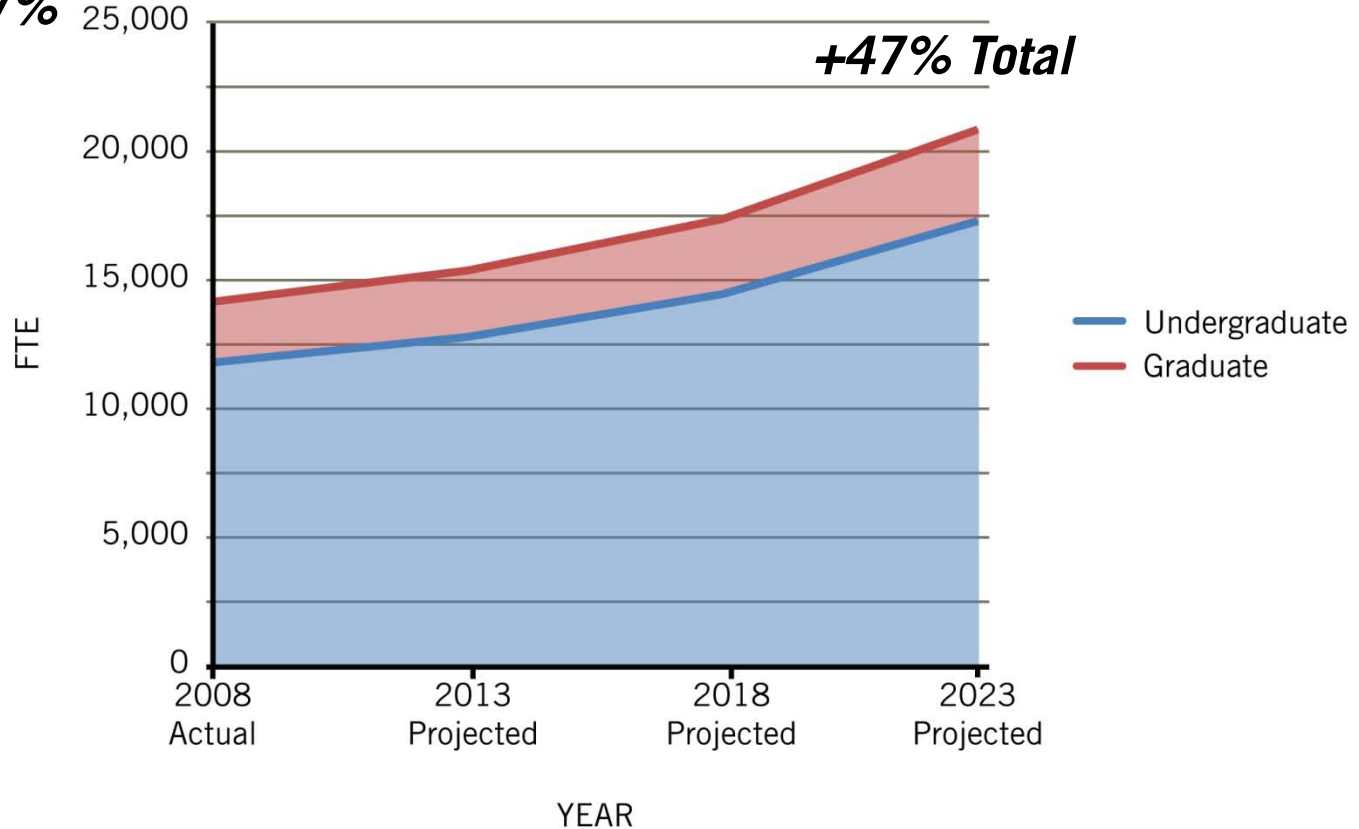
ENROLLMENT PROJECTIONS, MAIN CAMPUS

Total Enrollment

Increase: +47%

UG: +46%

G: +51%



GROWTH OF BU TO 2023

PROVIDING FACILITIES – PROJECT TYPES

Renovation



- Maximizing the value of existing facilities investments
- Opportunity for substantive change

New Construction



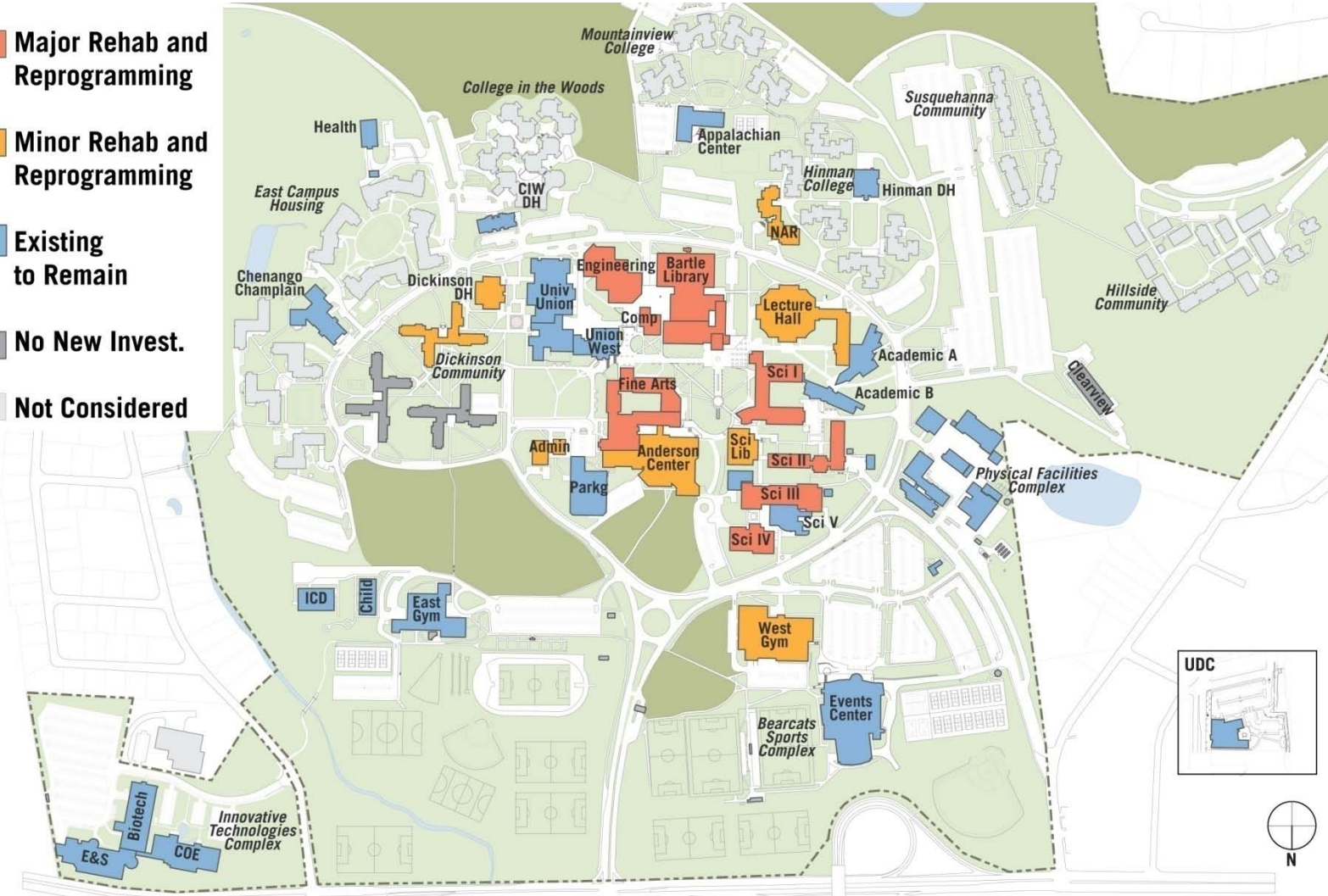
- Adding facilities capacity to support enrollment growth

Project types tied to distinct funding streams...

GROWTH OF BU TO 2023

RENOVATION OPPORTUNITIES, MAIN CAMPUS

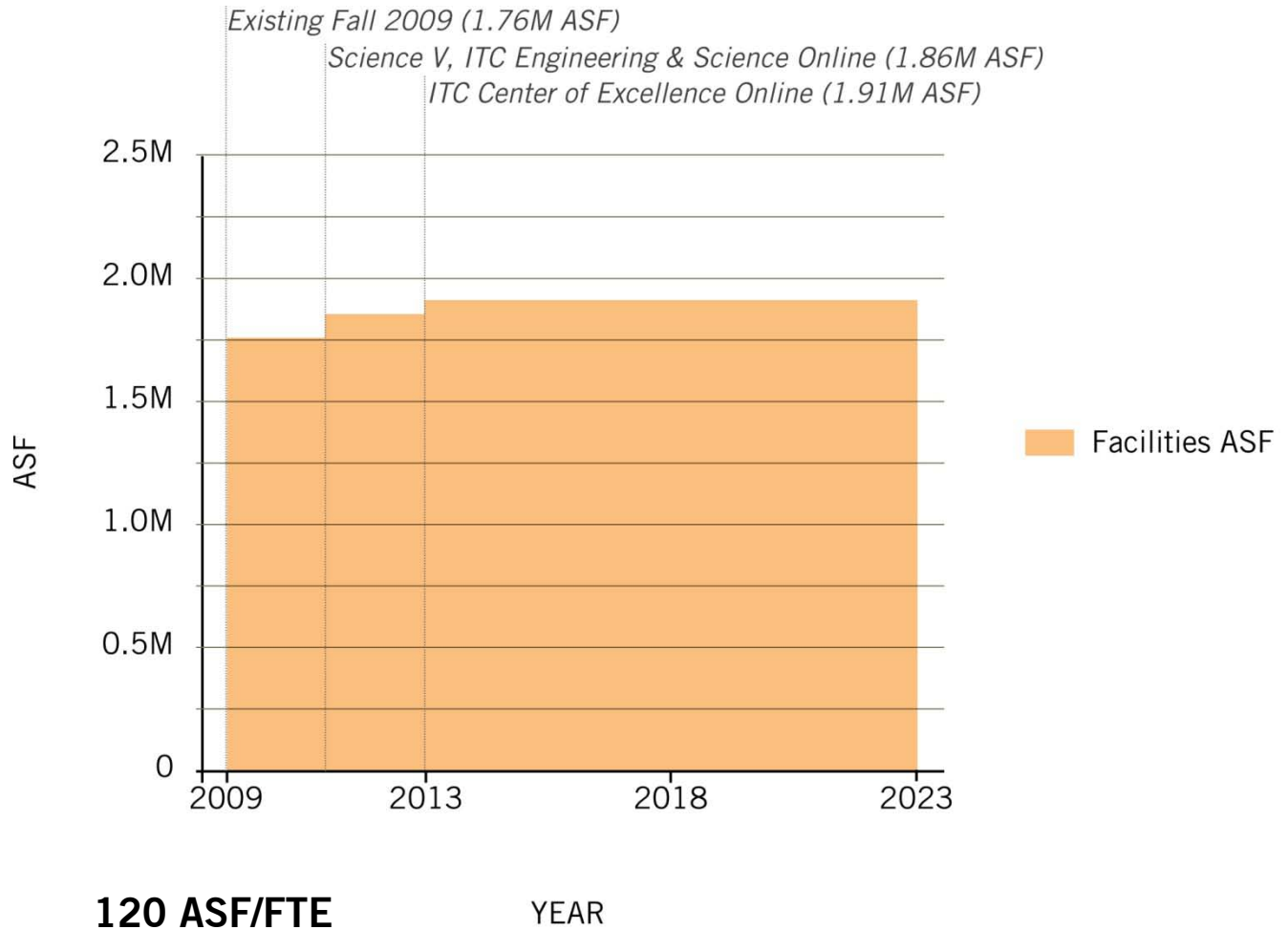
- Major Rehab and Reprogramming
- Minor Rehab and Reprogramming
- Existing to Remain
- No New Invest.
- Not Considered



GROWTH OF BU TO 2023

NEW CONSTRUCTION NEEDS, MAIN CAMPUS

**Existing:
1.7 Million
Assignable SF**

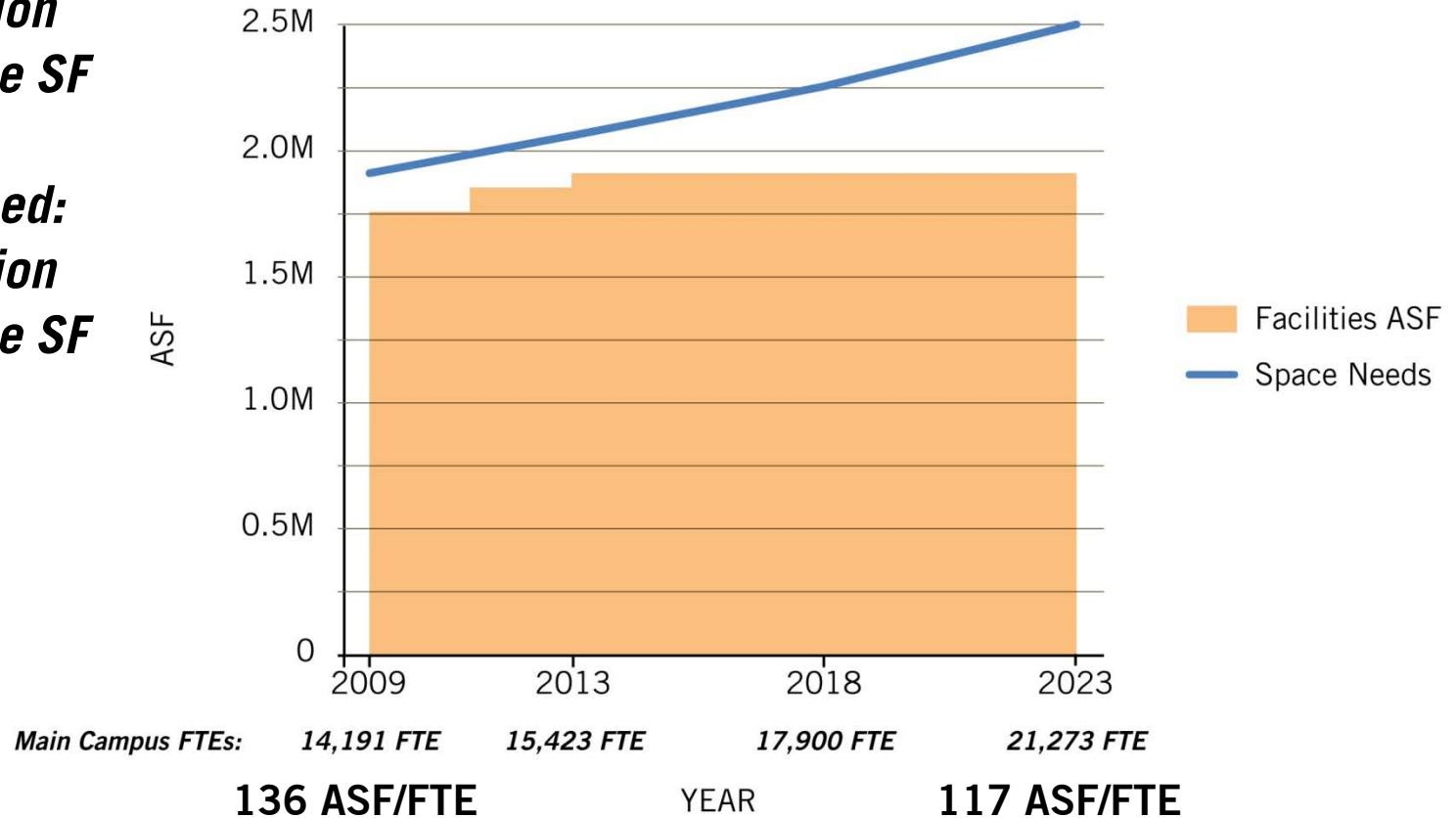


GROWTH OF BU TO 2023

NEW CONSTRUCTION NEEDS, MAIN CAMPUS

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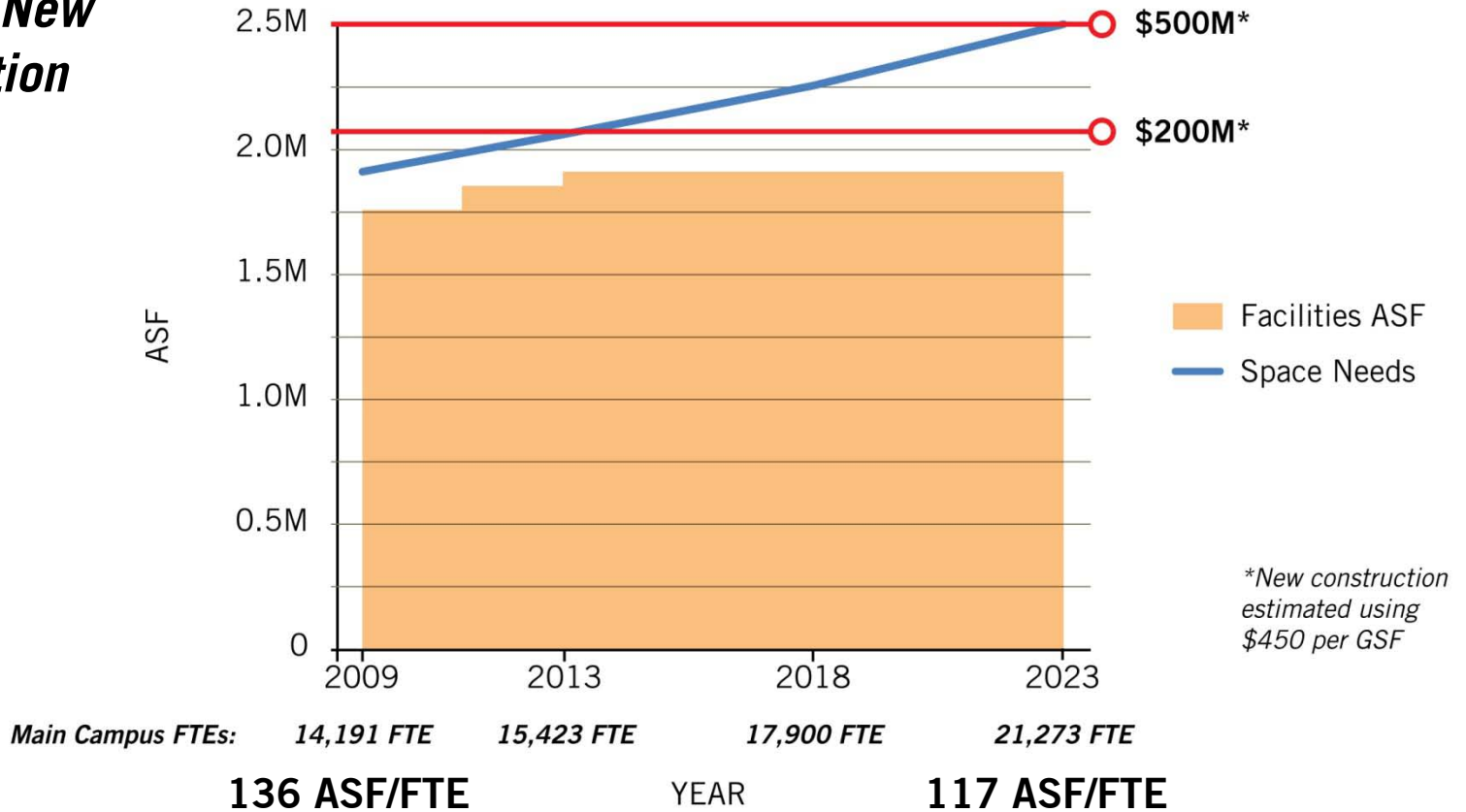
**2023 Need:
2.4 Million
Assignable SF**



GROWTH OF BU TO 2023

NEW CONSTRUCTION NEEDS, MAIN CAMPUS

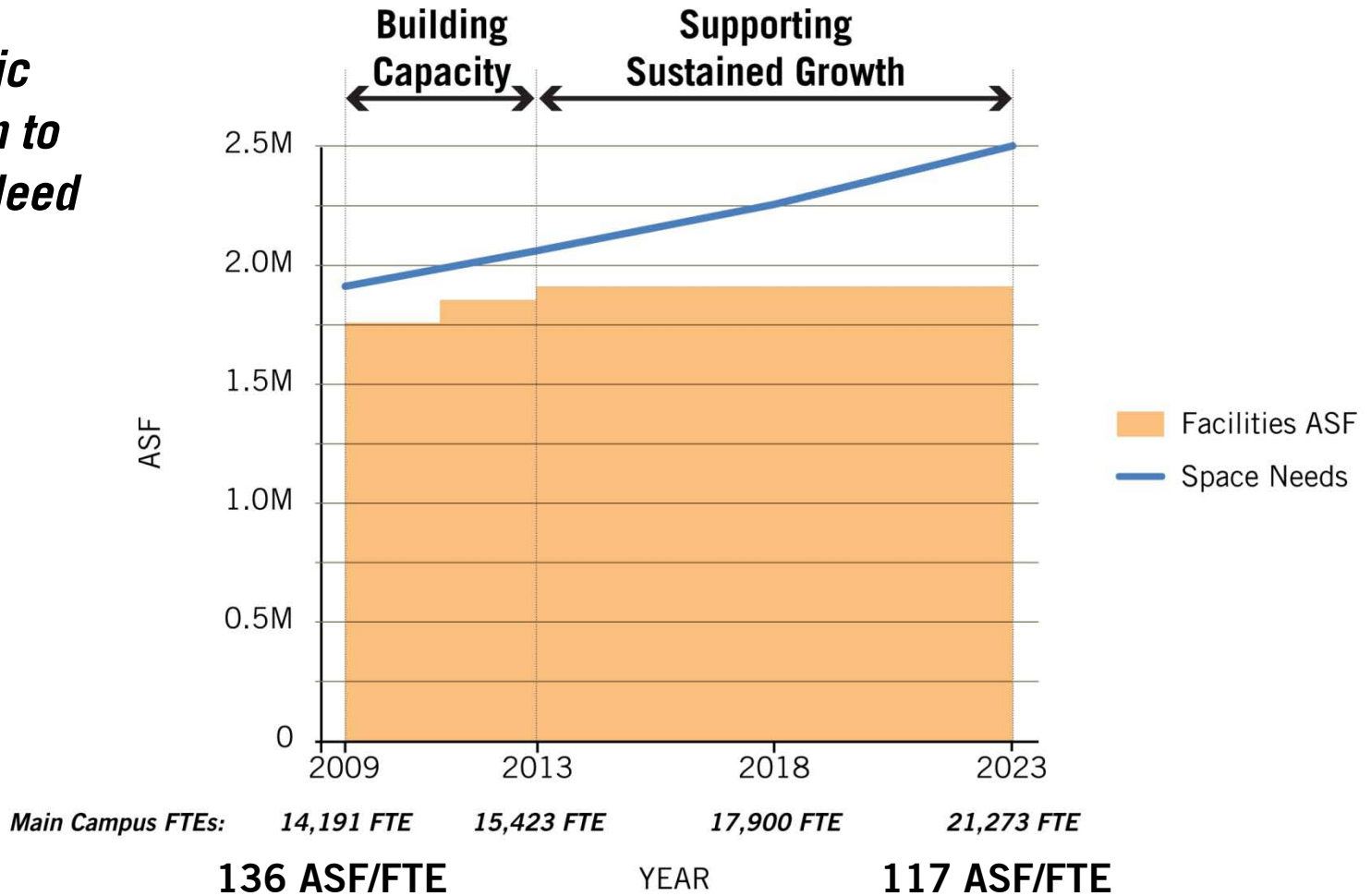
**Full 2023 Need:
\$500M in New
Construction**



GROWTH OF BU TO 2023

NEW CONSTRUCTION NEEDS, MAIN CAMPUS

**Strategic
Approach to
Meeting Need**



GROWTH OF BU TO 2023

IMPORTANCE OF PRIORITIZATION

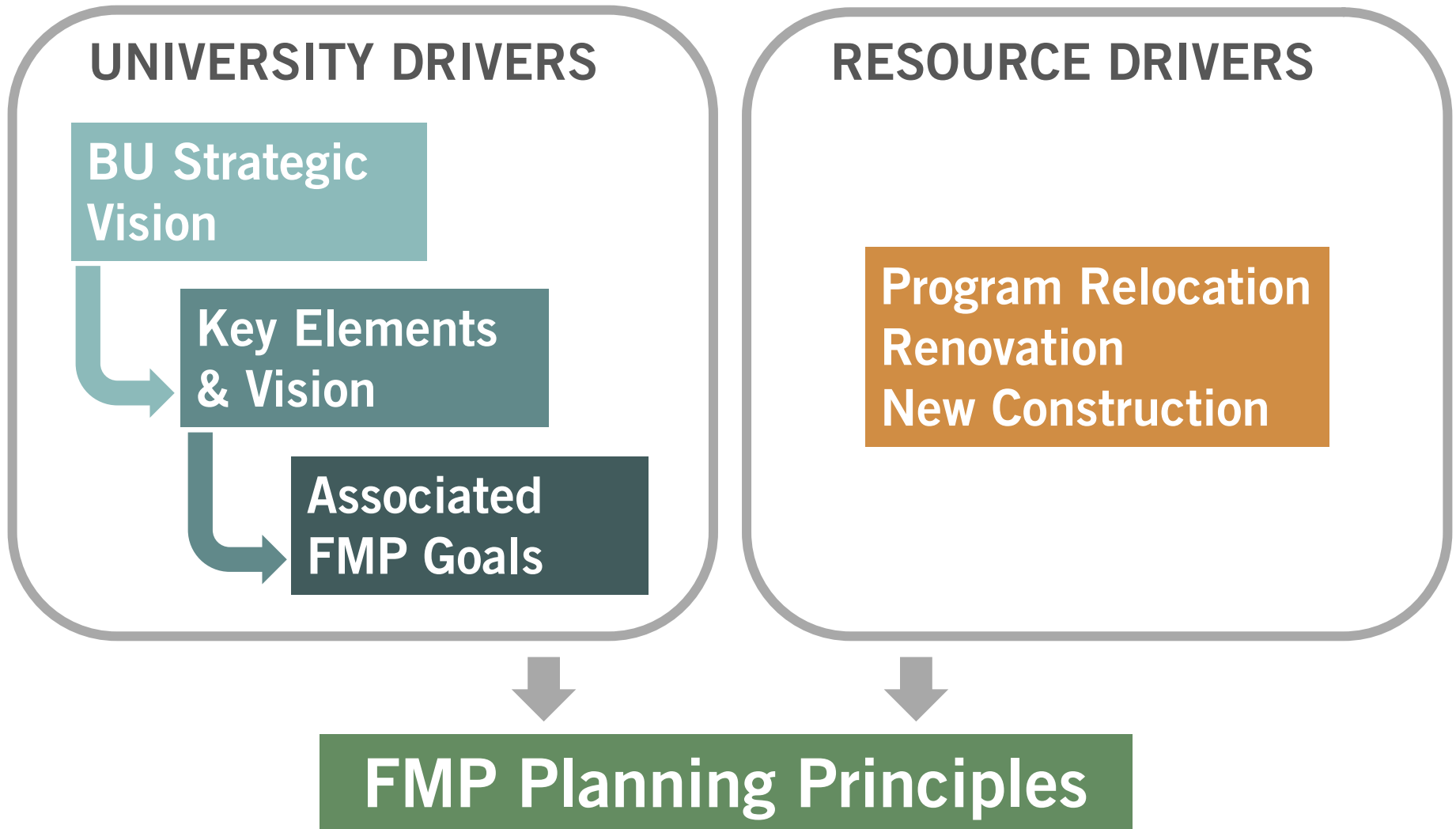
- Given the magnitude of need, it will be important to **make the right first moves**
- Strategy will involve **maximizing existing facilities**
- Priorities are measured against the **FMP Planning Principles**



GROWTH OF BU TO 2023

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PLANNING PRINCIPLES

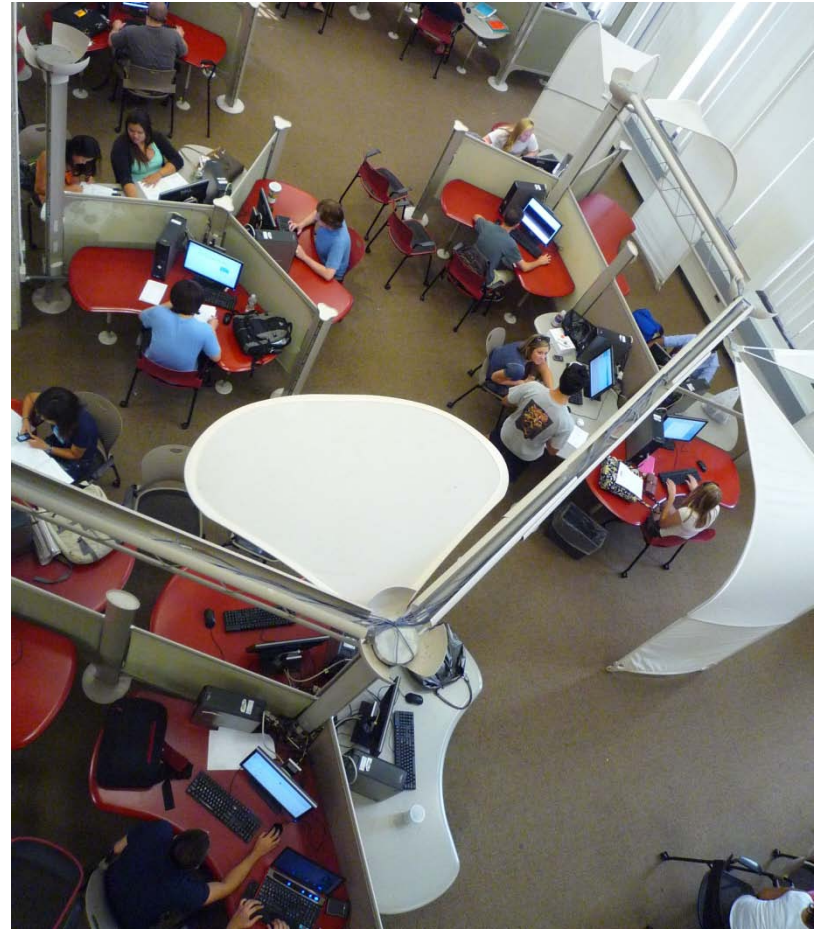


PROJECT DRIVERS AND PLANNING PRICIPLES

UNIVERSITY DRIVERS

Manifest the principles of BU's strategic vision in the FMP:

- Educationally Exemplary
- Innovative and Adaptive
- Collaborative
- Global
- Resourceful
- Technological

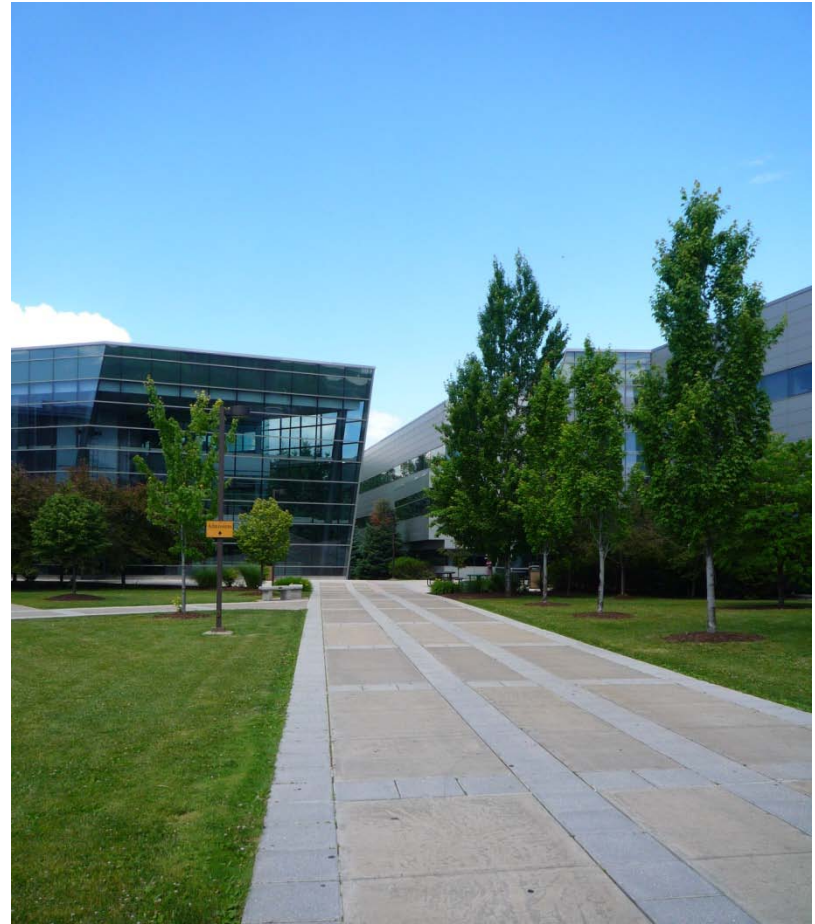


PROJECT DRIVERS AND PLANNING PRICIPLES

RESOURCE DRIVERS

Maximize resources, including facilities, capital and time:

- Program Relocation
- Renovation
- New Construction



PROJECT DRIVERS AND PLANNING PRICIPLES

PLANNING PRINCIPLES



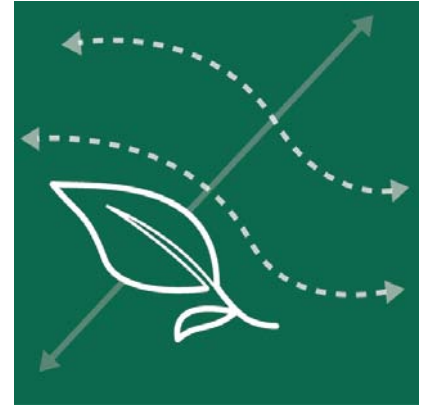
Development



**Academic
Facilities**



**Support
Facilities**



**Open
Space and
Circulation**

PROJECT DRIVERS AND PLANNING PRICIPLES

PLANNING PRINCIPLES

Development



- Retain **existing primary facilities locations at the Brain**, the Innovative Technology Center (ITC) and the University Downtown Center (UDC), with the Brain serving as the academic core.
- To **maximize utilization of existing and future facilities**, pursue development in and around the Brain.
- Pursue **strategic development** at the ITC and the UDC.
- Remain open to development at **other opportunity sites** in the community, with emphasis on sites that strengthen University partnerships.

PROJECT DRIVERS AND PLANNING PRICIPLES

PLANNING PRINCIPLES

Academic Facilities



- Establish the **facilities relationships** between undergraduate teaching and graduate / faculty research space.
- Align classroom and teaching lab **inventory with pedagogy**.
- Consolidate physical collections and storage, while **distributing access** and **displaying unique resources**.
- Due to specialized facilities, maintain existing precincts of Science and Fine Arts.

PROJECT DRIVERS AND PLANNING PRICIPLES

PLANNING PRINCIPLES: SUPPORT FACILITIES

Support Facilities

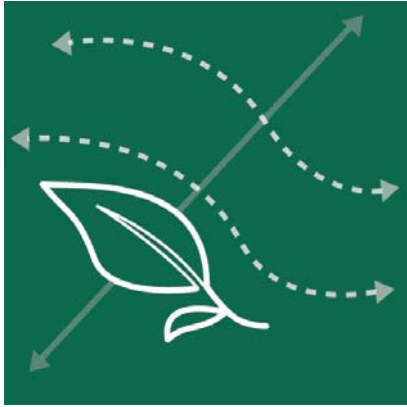


- **Compliment centralized student life** spaces with distributed spaces, integrated throughout all facilities.
- Align facilities with the University's goal to **support student engagement in physical activities**.
- **Co-locate student support services** for efficiency and improved student service.
- **Enhance the visitor's experience** to welcome guests and project the spirit of BU.
- Maintain primary administration functions in the Couper Administration Building.
- Develop campus infrastructure around a **model of sustainability**.

PROJECT DRIVERS AND PLANNING PRICIPLES

PLANNING PRINCIPLES

Open Space and Circulation



- **Clarify campus organization** by reinforcing primary circulation axes and featuring the locations where they intersect.
- Maintain the **Lois B. DeFleur Walkway, the Central Campus Commons and the Peace Quad** as open spaces, anchored by the axes intersections.
- **Increase connectivity between campus facilities** to create a more walkable campus.
- Lessen **pedestrian/vehicular conflicts** around East Drive and West Drive.
- Project the **spirit of BU at all campus entrances**, highlighting Vestal Parkway as the main entrance.

PROJECT DRIVERS AND PLANNING PRICIPLES

NEXT STEPS

- FMP consultants are analyzing data sets to derive plan options
- BU leadership will evaluate the plan and inform solutions
- Next Open Forum re: plan solutions: **Late February**



AGENDA

Q+A

CLOSING

PERKINS+WILL

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