

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

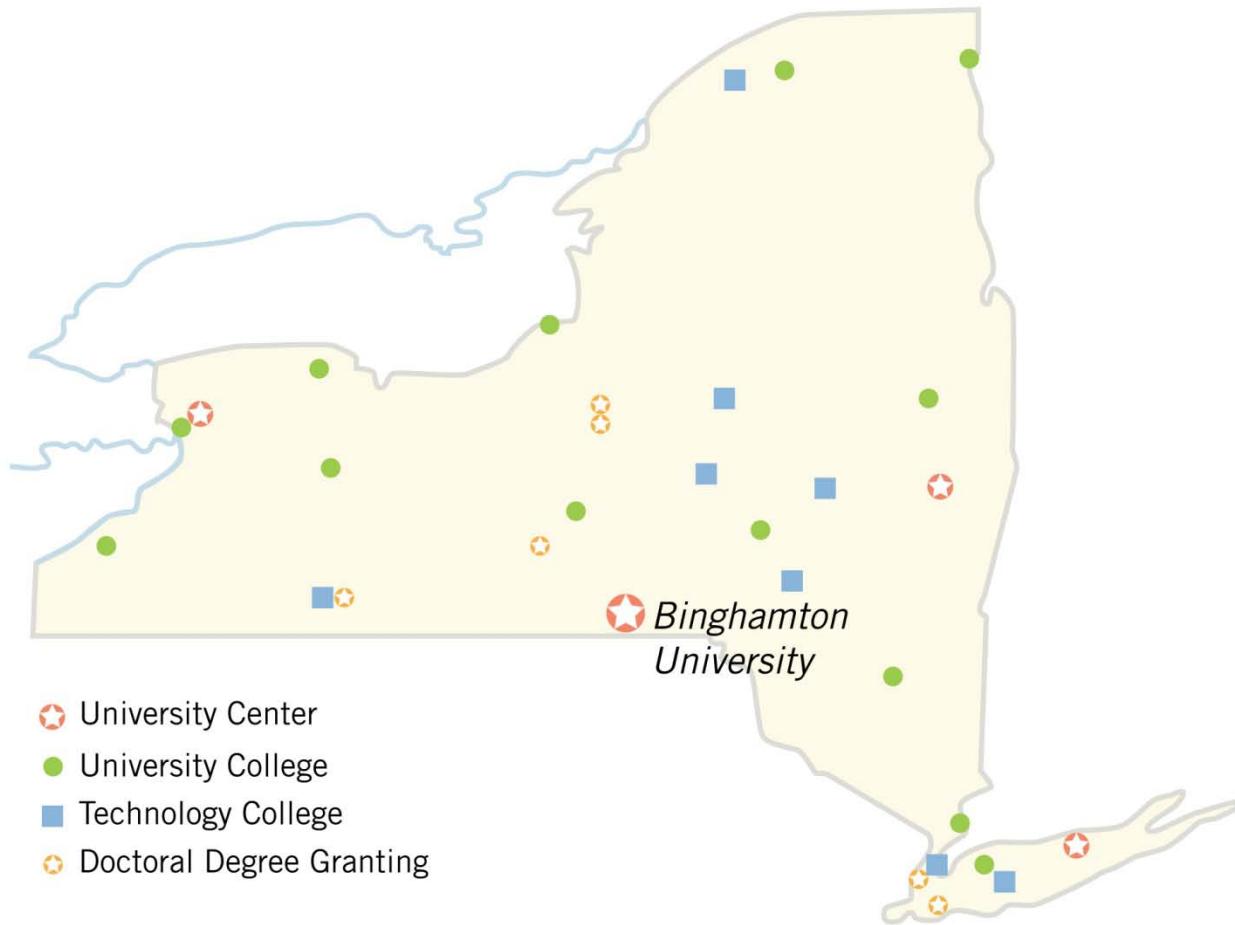
INTRODUCTION

PRESENTATION

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

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- 2. Existing BU Facilities and Conditions**
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SUNY SYSTEM-WIDE PLANNING EFFORT



PROJECT INTENT AND PROCESS

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

SUNY SYSTEM-WIDE PLANNING EFFORT

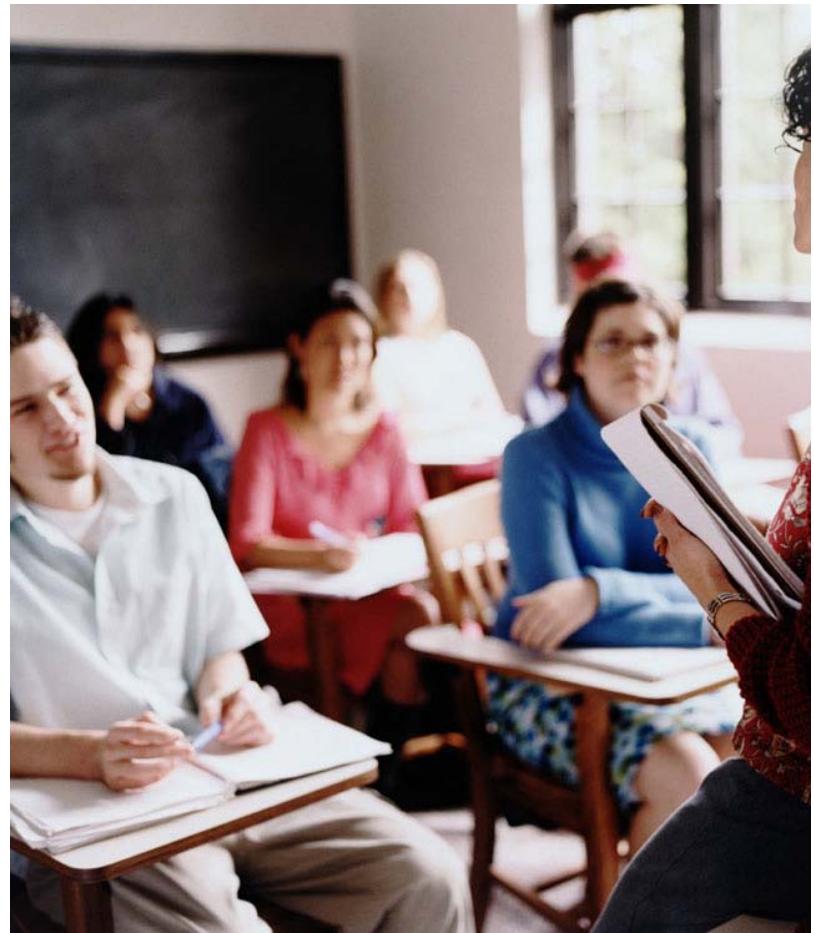
- Future construction projects that **support the academic mission**
- Inform **future construction funding requests**
- *Fundamentally the process is about **maximizing the value of limited resources***



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

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

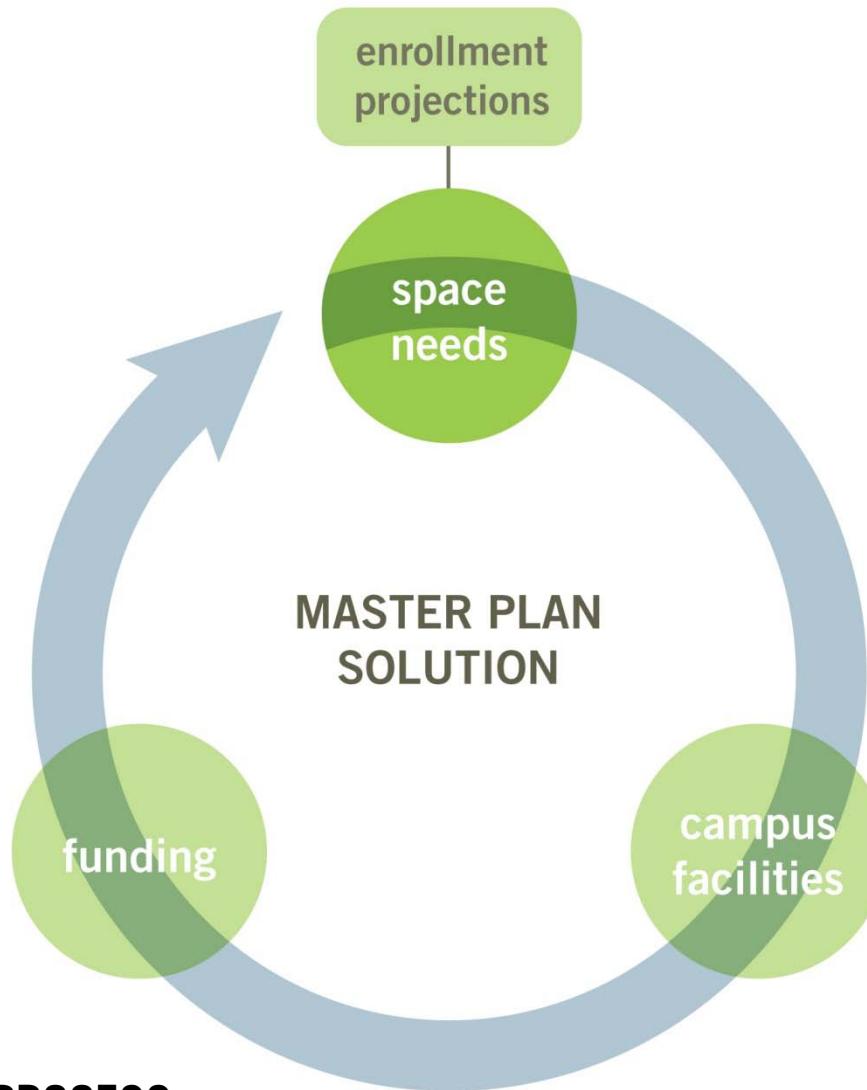
CONSULTANT APPROACH TO PLANNING Planning Drivers



PROJECT INTENT AND PROCESS

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

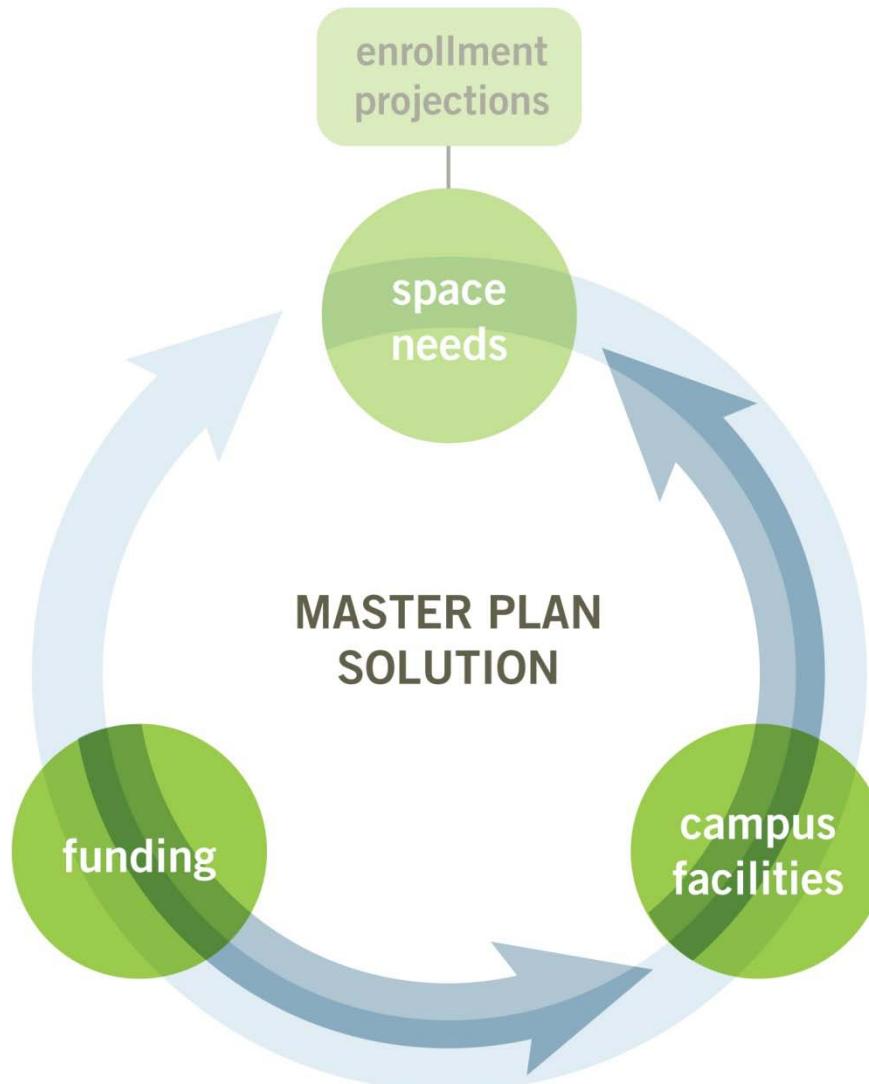
CONSULTANT APPROACH TO PLANNING First Pass



PROJECT INTENT AND PROCESS

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

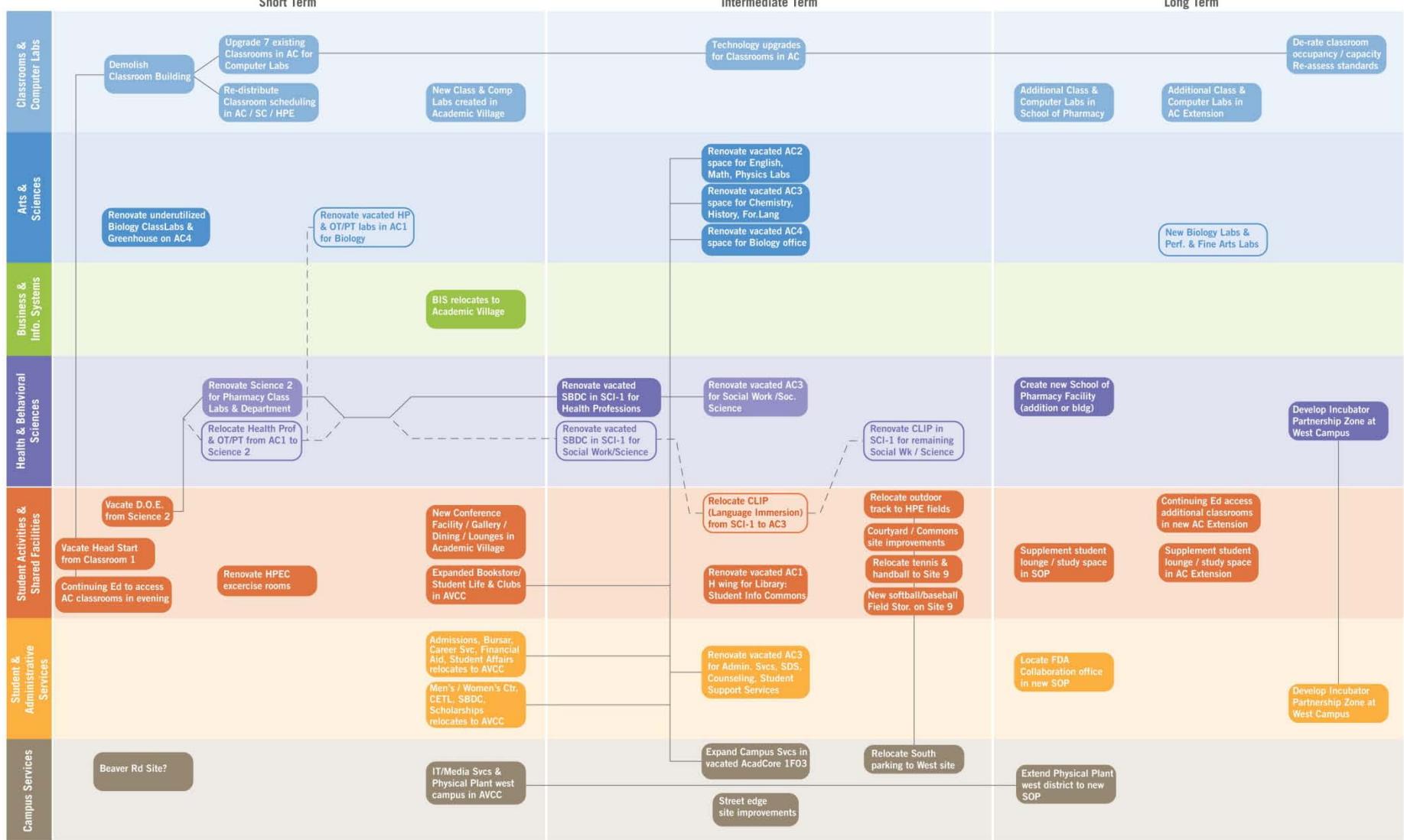
CONSULTANT APPROACH TO PLANNING Subsequent Pass



PROJECT INTENT AND PROCESS

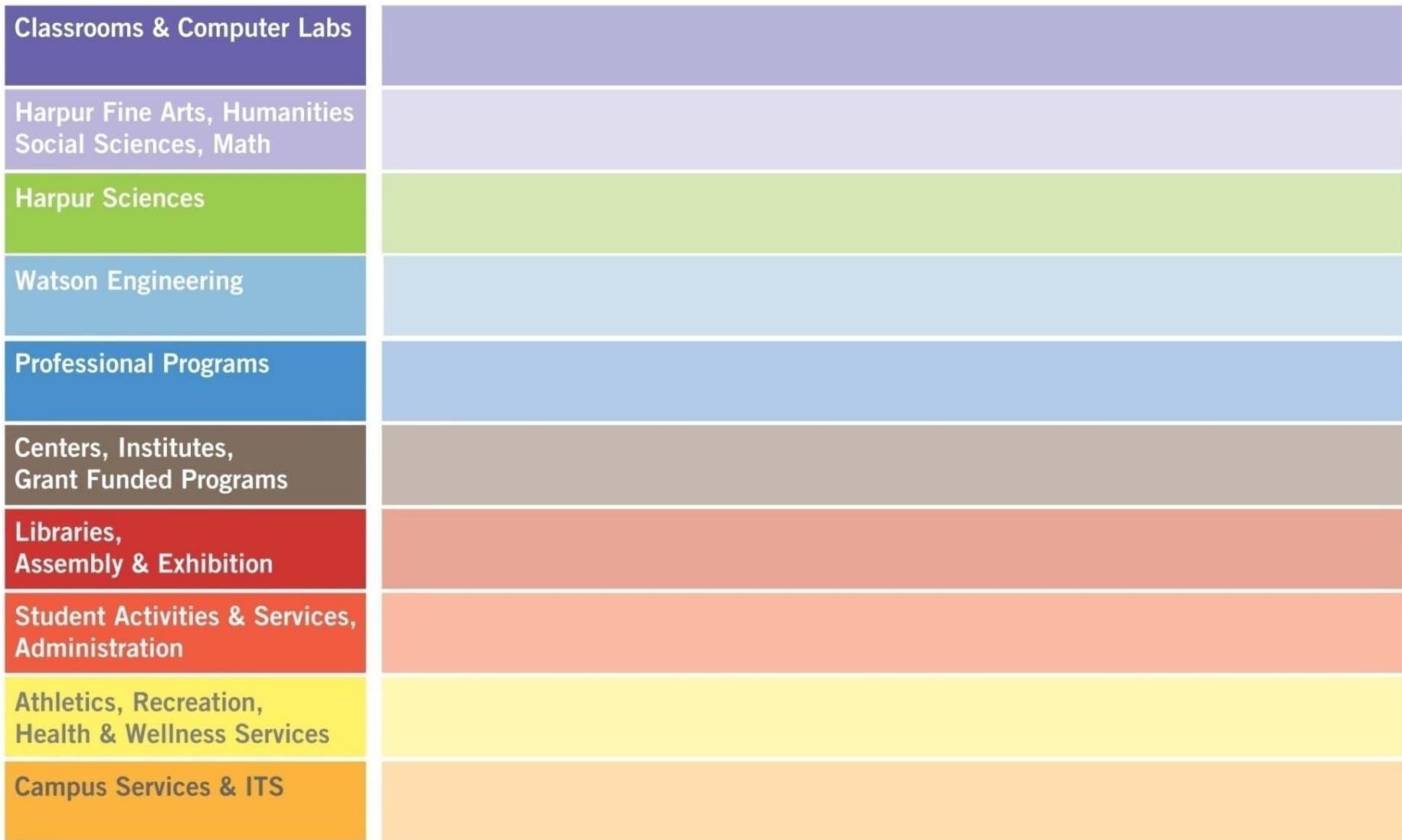
BINGHAMTON UNIVERSITY FACILITIES MASTER PLAN
OPEN FORUM SESSION, 8 DECEMBER 2010

CONSULTANT APPROACH TO PLANNING Project Matrix Roadmap



PROJECT INTENT AND PROCESS

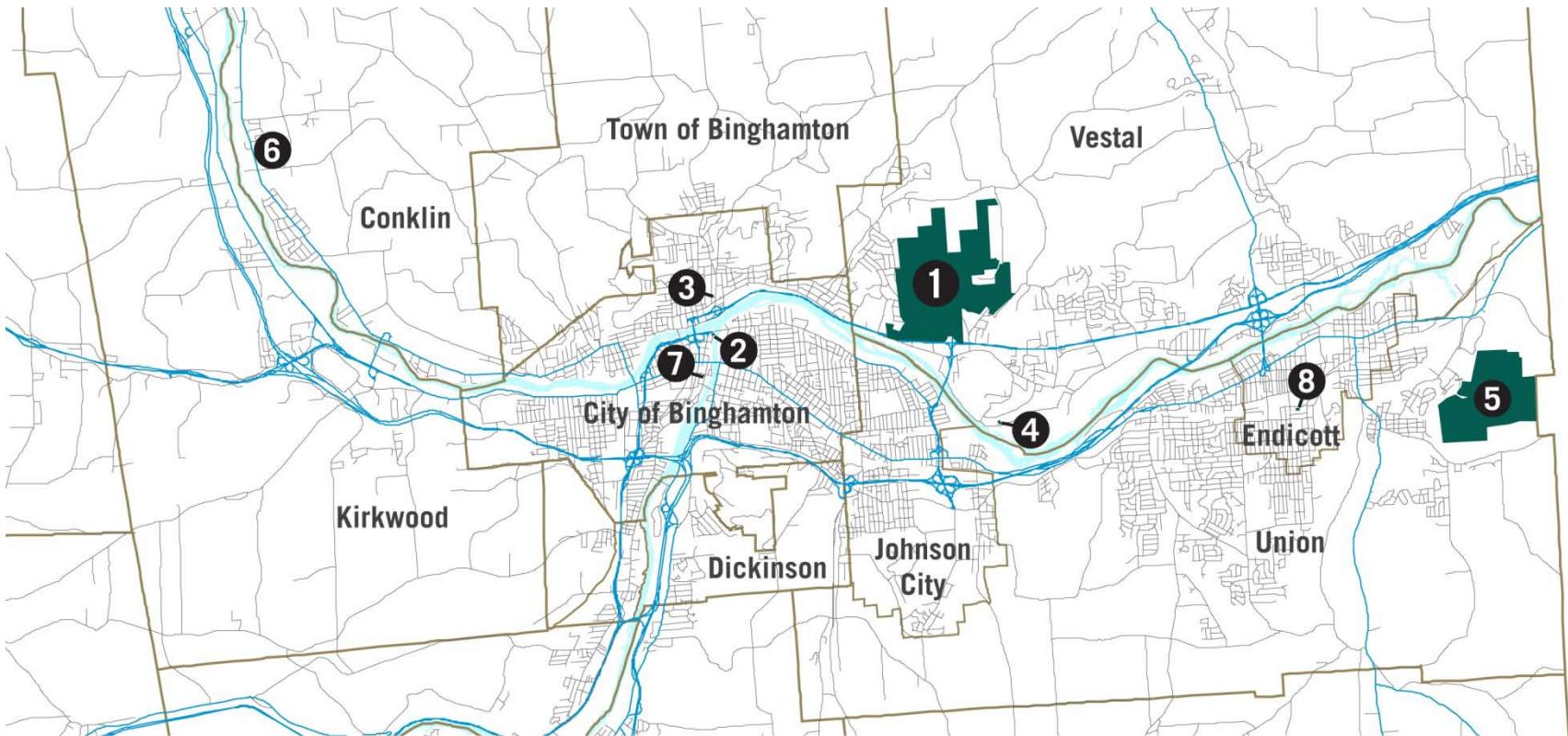
CONSULTANT APPROACH TO PLANNING Project Matrix Roadmap



PROJECT INTENT AND PROCESS

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

BINGHAMTON UNIVERSITY IN 2010

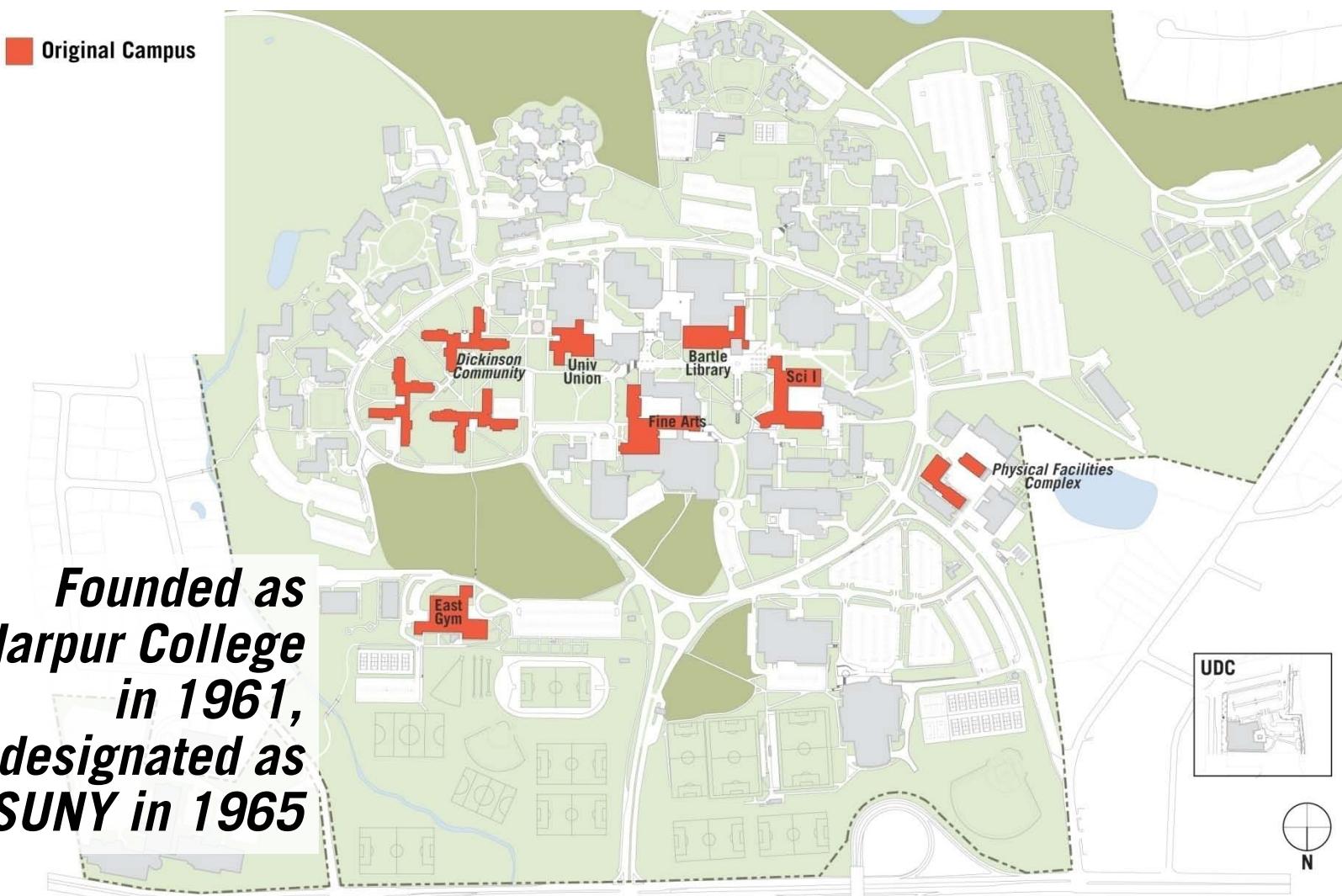


- ① Main Campus (State- and Foundation-Owned)
- ② University Downtown Center (State-owned)
- ③ 43 Park Avenue (State-owned)
- ④ 426-428 Commerce Road (Foundation-owned)
- ⑤ Glendale Property forested parcel (Foundation-owned)

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

EXISTING FACILITIES AND CONDITIONS

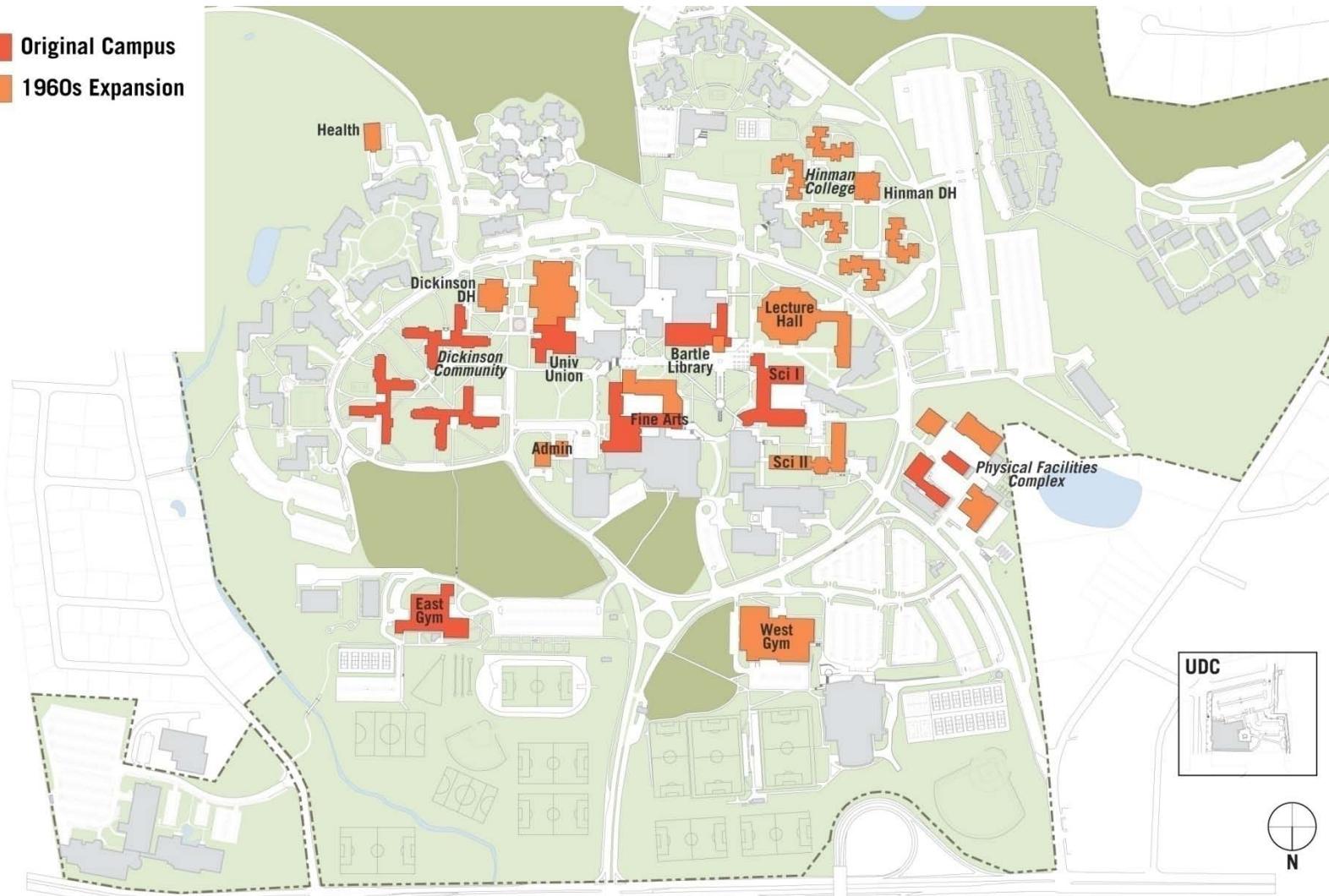
CAMPUS DEVELOPMENT HISTORY



EXISTING FACILITIES AND CONDITIONS

CAMPUS DEVELOPMENT HISTORY

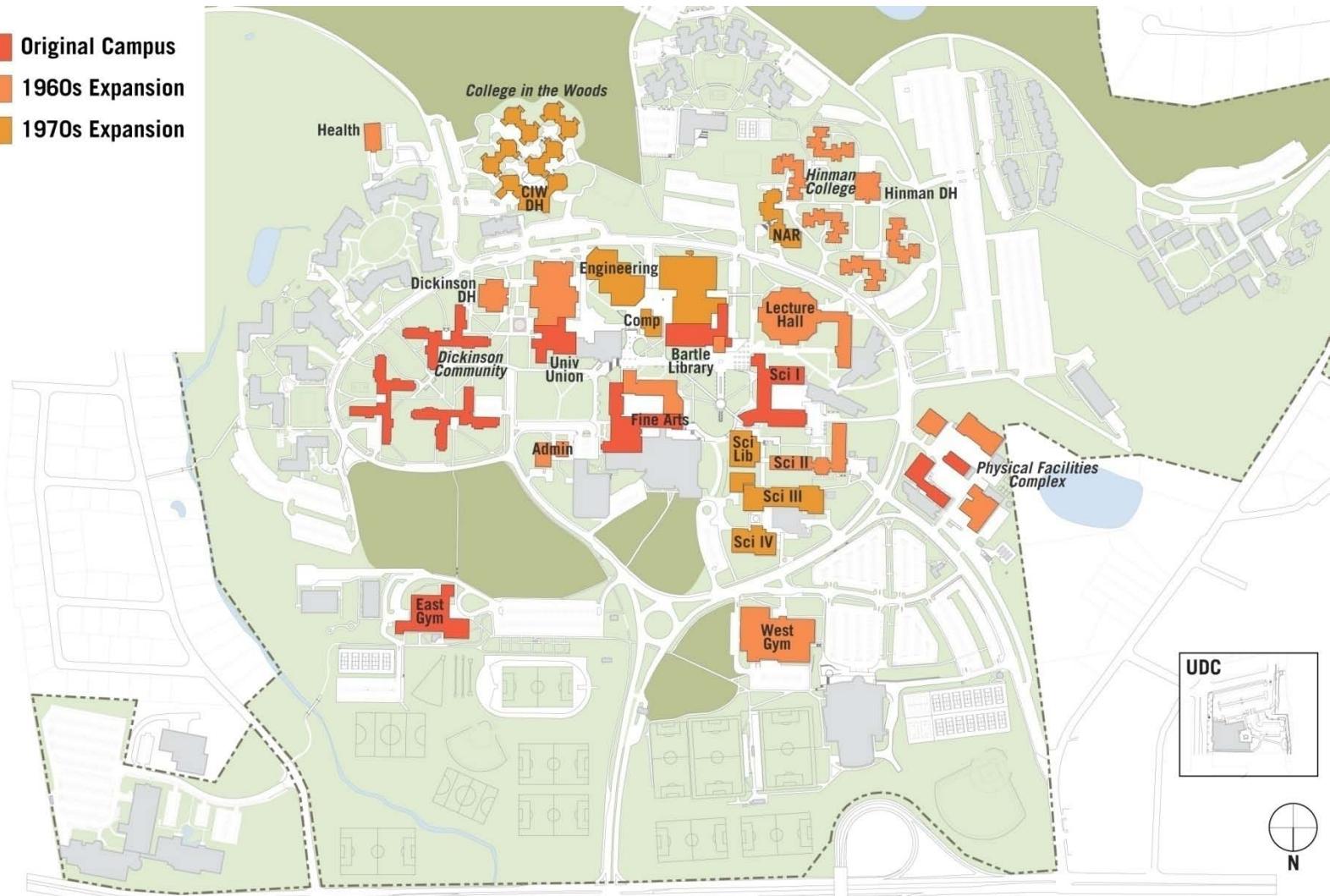
Original Campus
1960s Expansion



EXISTING FACILITIES AND CONDITIONS

CAMPUS DEVELOPMENT HISTORY

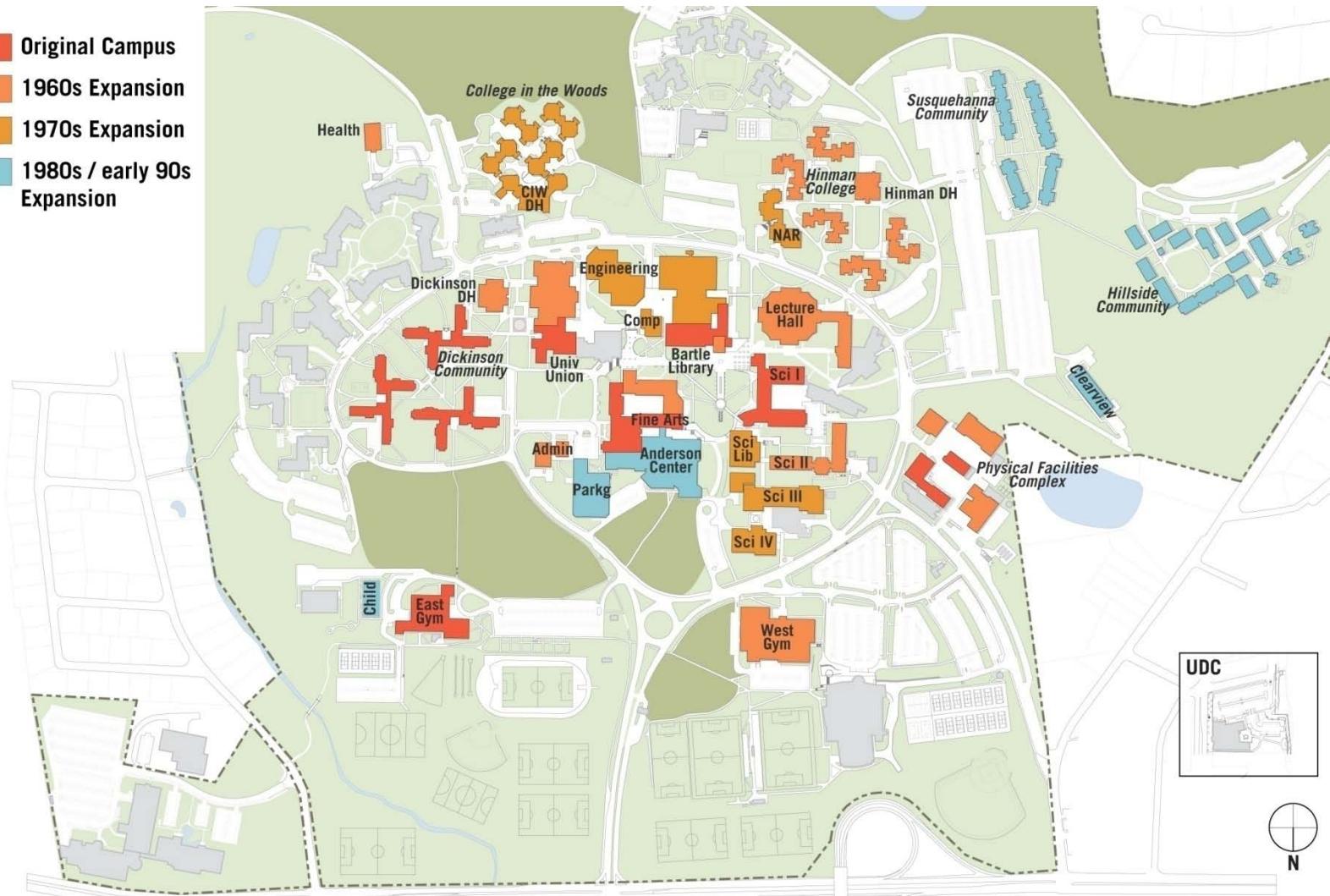
- Original Campus
- 1960s Expansion
- 1970s Expansion



EXISTING FACILITIES AND CONDITIONS

CAMPUS DEVELOPMENT HISTORY

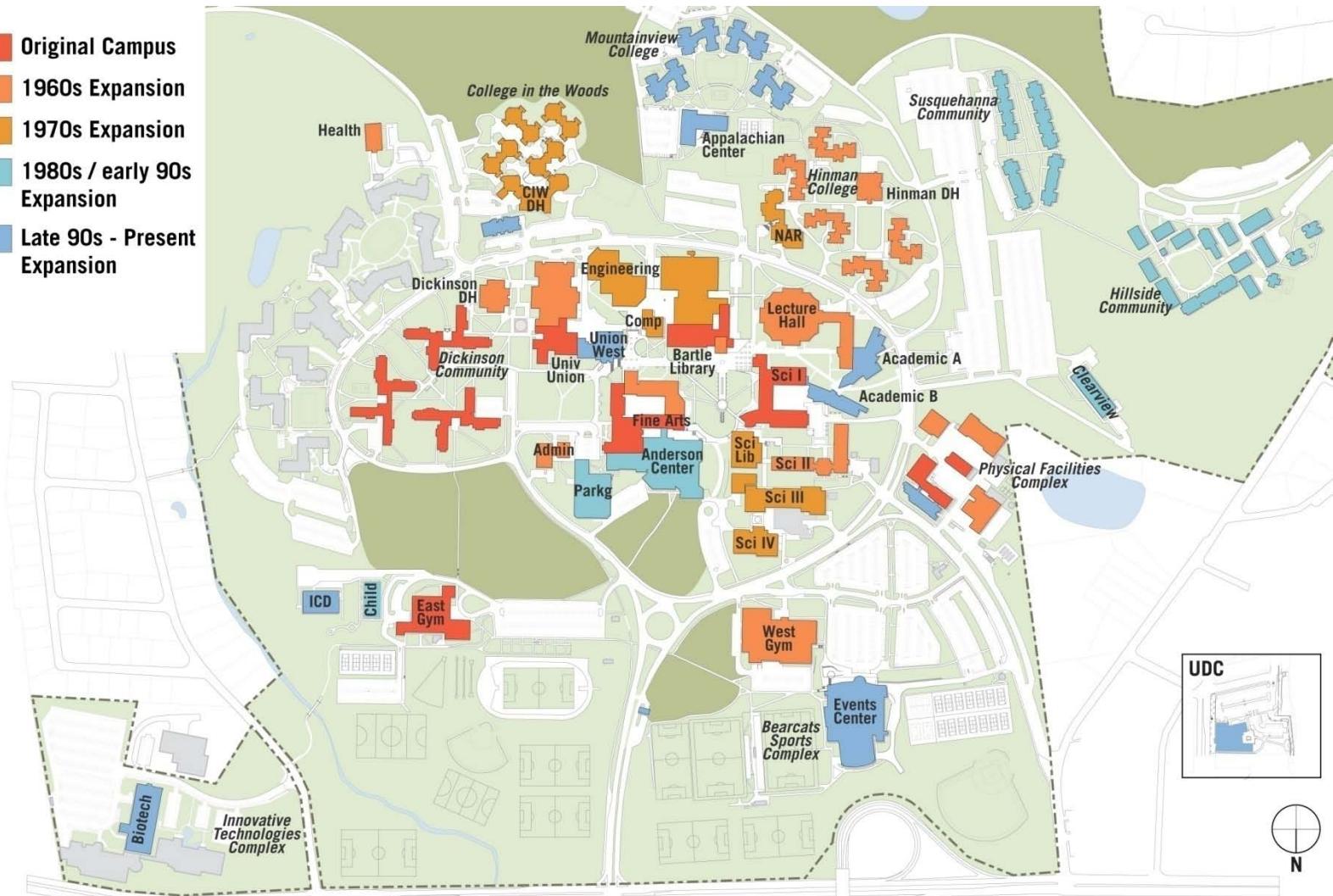
- Original Campus
- 1960s Expansion
- 1970s Expansion
- 1980s / early 90s Expansion



EXISTING FACILITIES AND CONDITIONS

CAMPUS DEVELOPMENT HISTORY

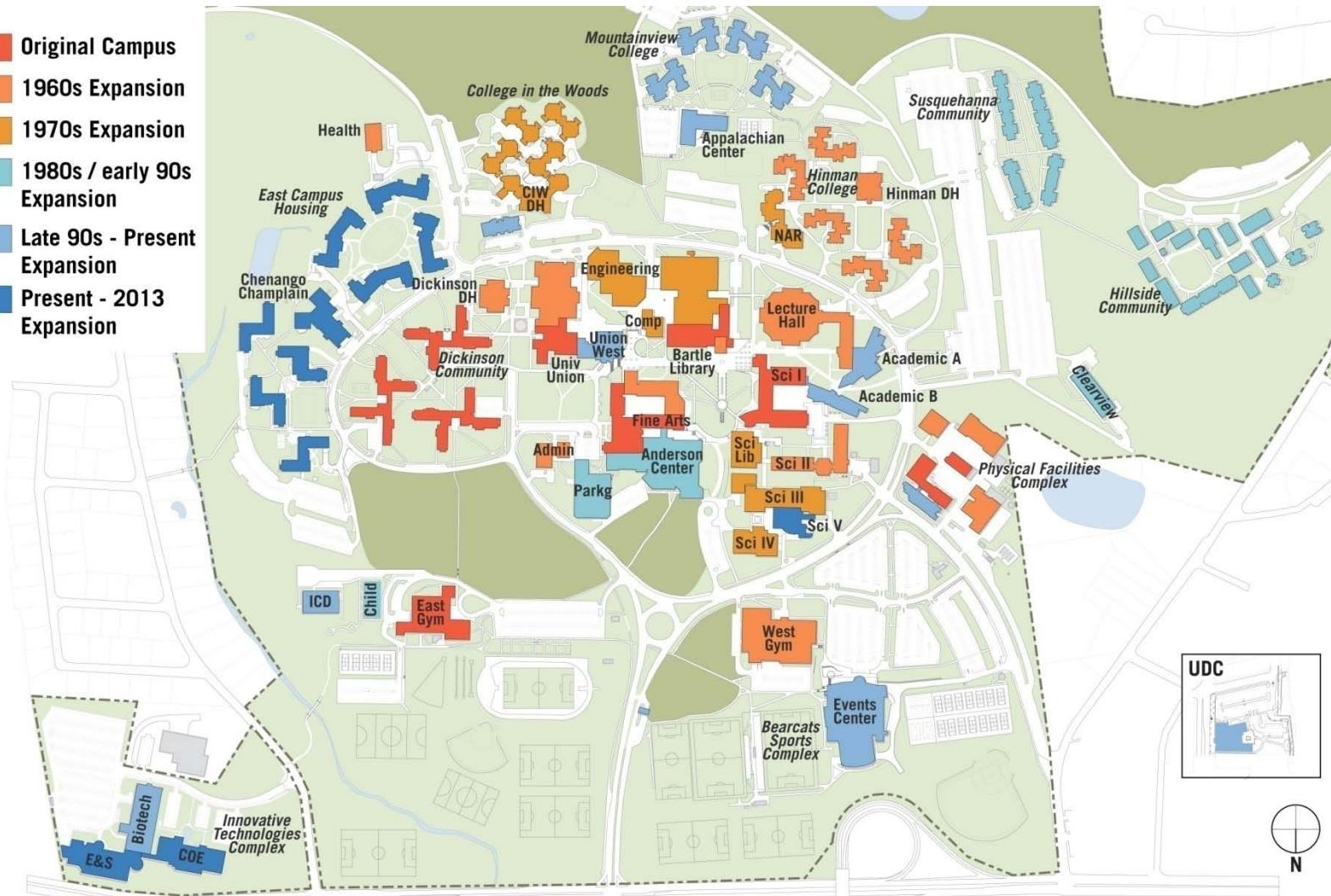
- Original Campus
- 1960s Expansion
- 1970s Expansion
- 1980s / early 90s Expansion
- Late 90s - Present Expansion



EXISTING FACILITIES AND CONDITIONS

CAMPUS DEVELOPMENT HISTORY

- Original Campus
- 1960s Expansion
- 1970s Expansion
- 1980s / early 90s Expansion
- Late 90s - Present Expansion
- Present - 2013 Expansion



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

■ Academics/
Research

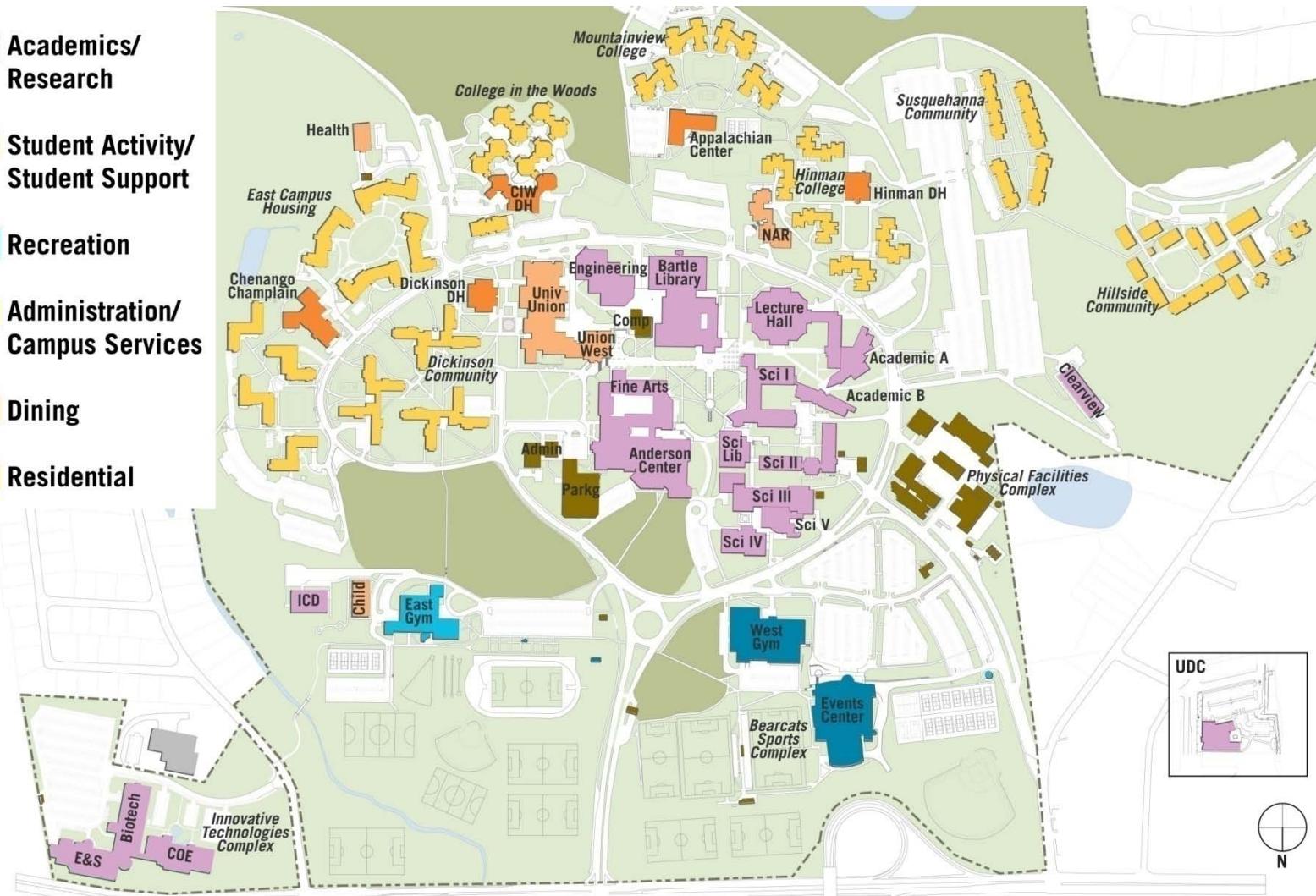
■ Student Activity/
Student Support

■ Recreation

■ Administration/
Campus Services

■ Dining

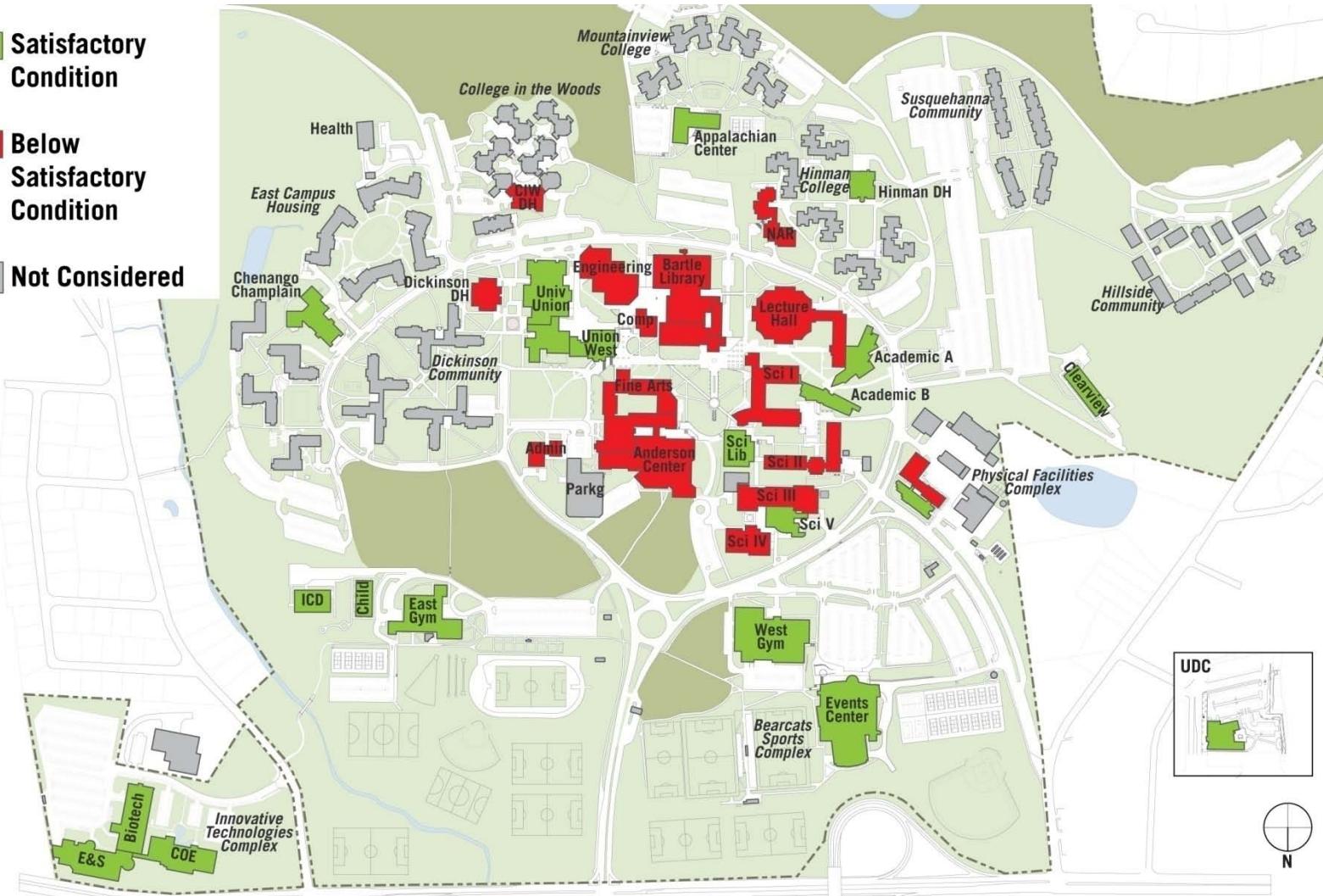
■ Residential



EXISTING FACILITIES AND CONDITIONS

BUILDING CONDITION

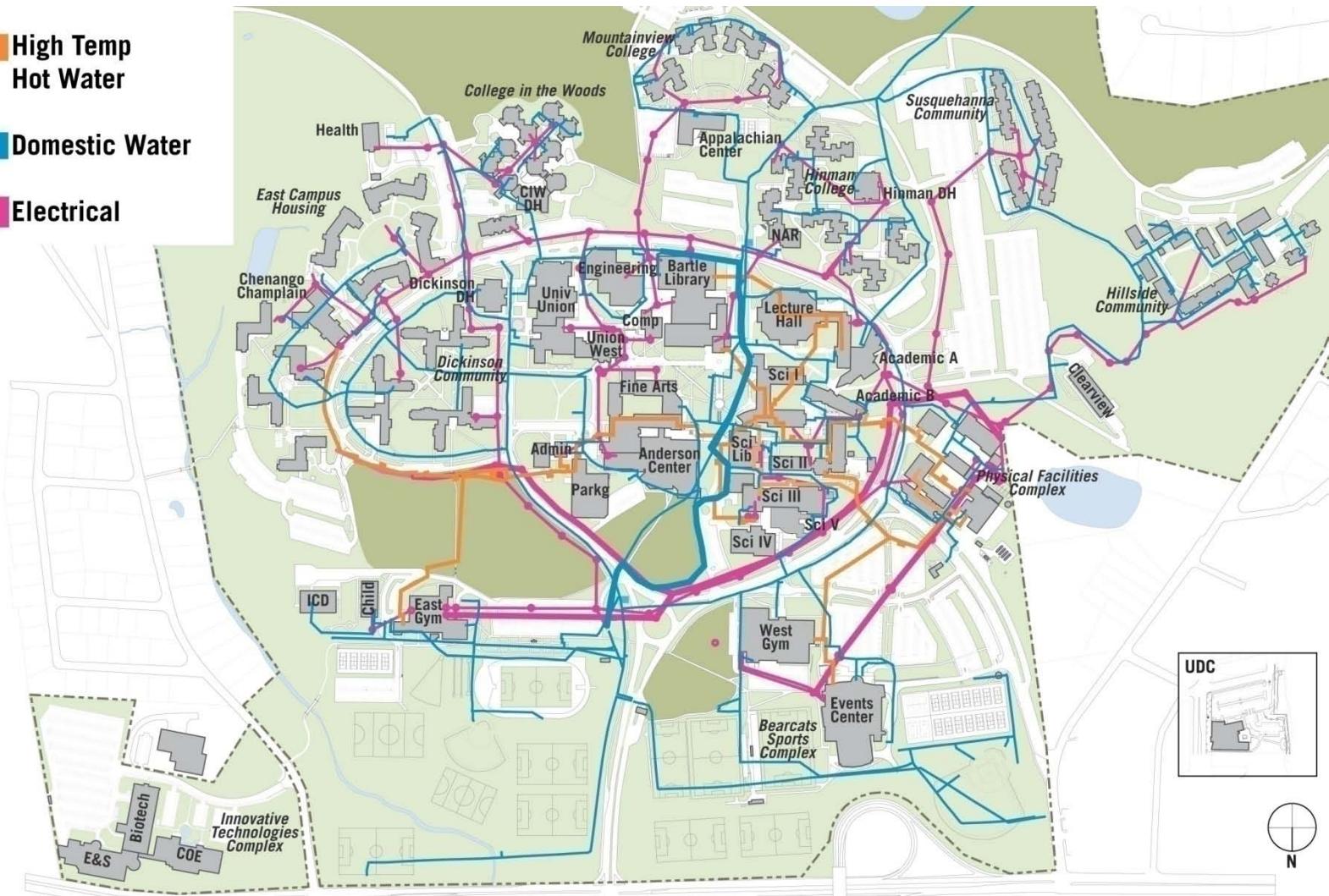
- Satisfactory Condition
- Below Satisfactory Condition
- Not Considered



EXISTING FACILITIES AND CONDITIONS

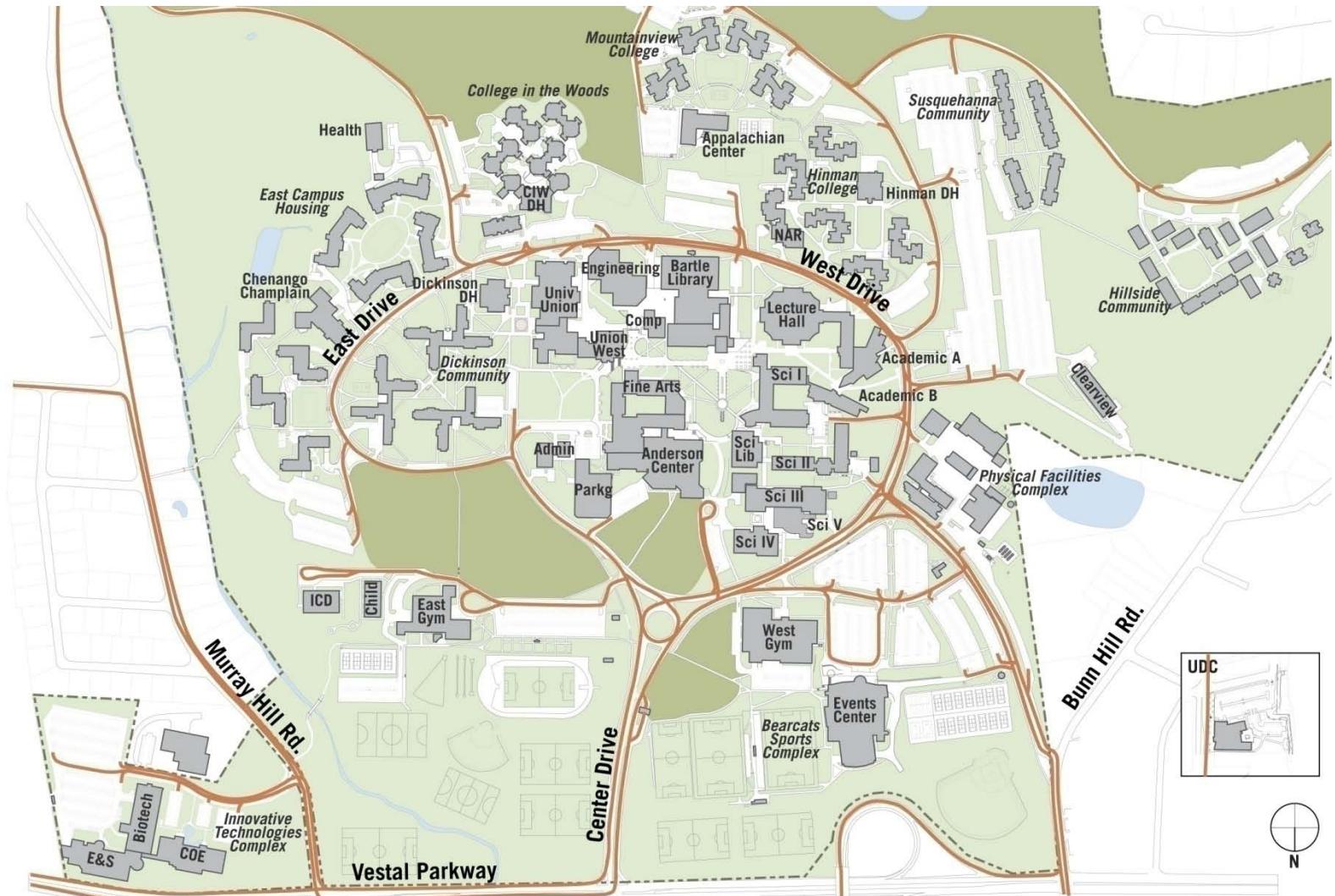
INFRASTRUCTURE

- High Temp Hot Water
- Domestic Water
- Electrical



EXISTING FACILITIES AND CONDITIONS

VEHICULAR CIRCULATION

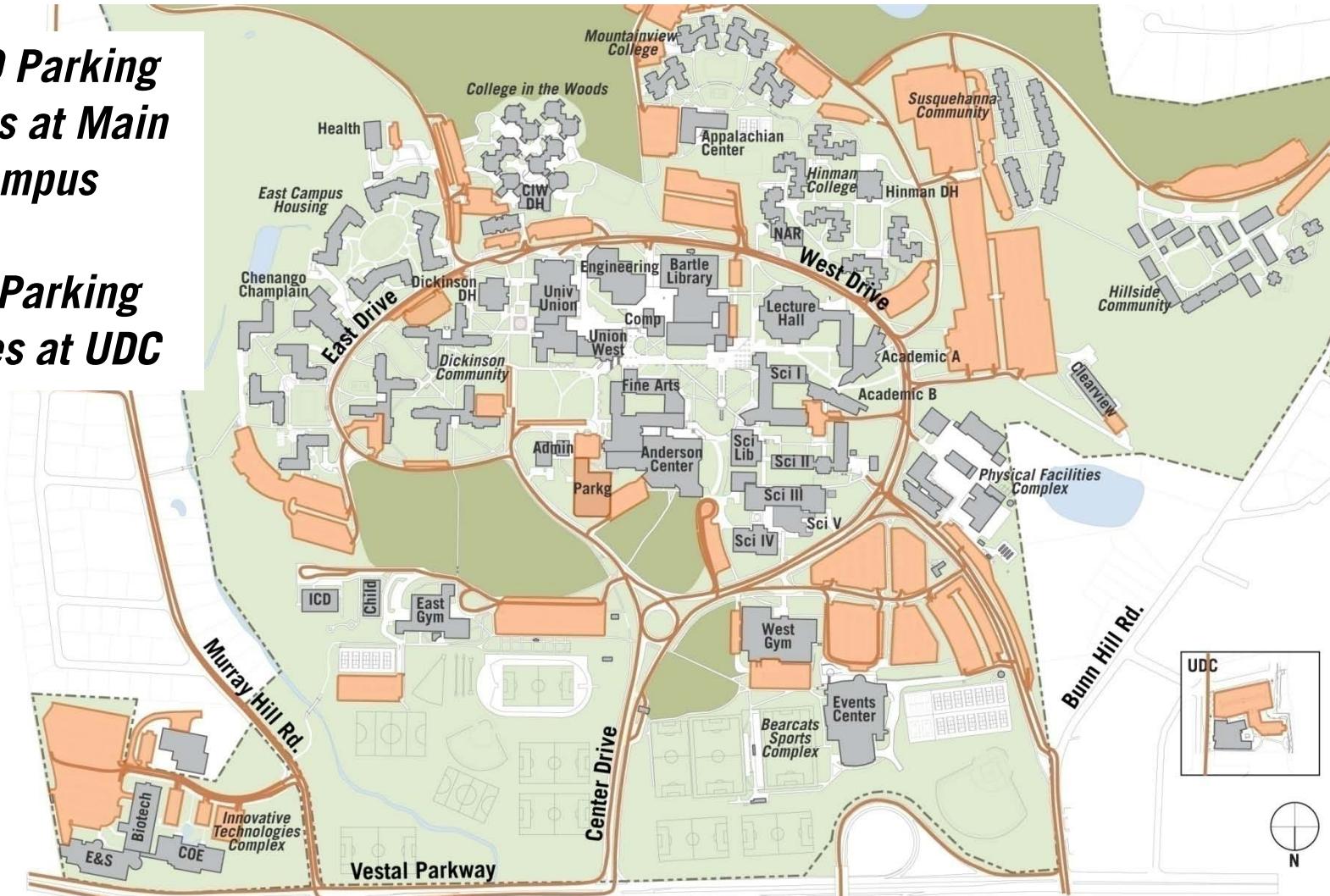


EXISTING FACILITIES AND CONDITIONS

PARKING

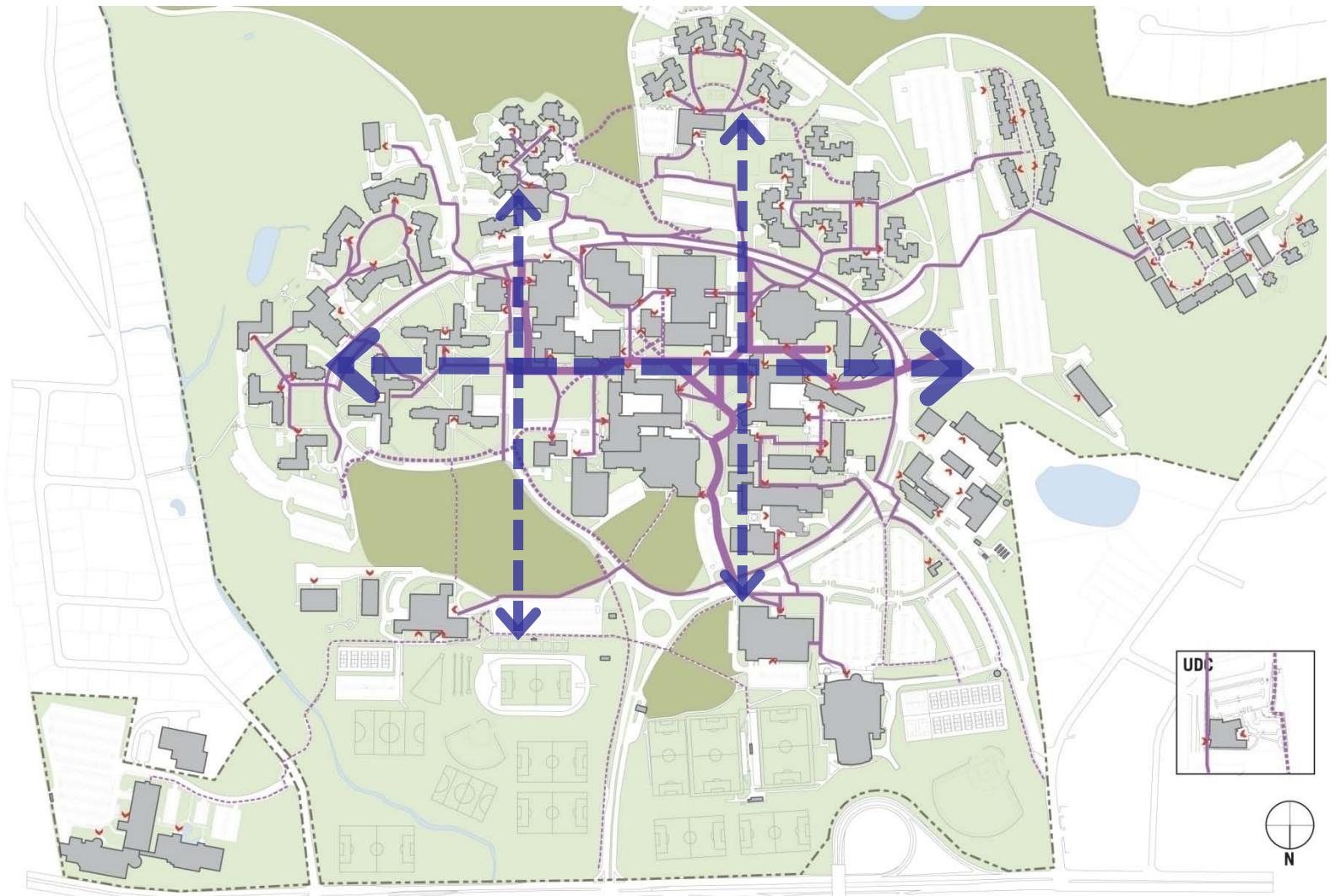
**6,950 Parking
Spaces at Main
Campus**

**130 Parking
Spaces at UDC**



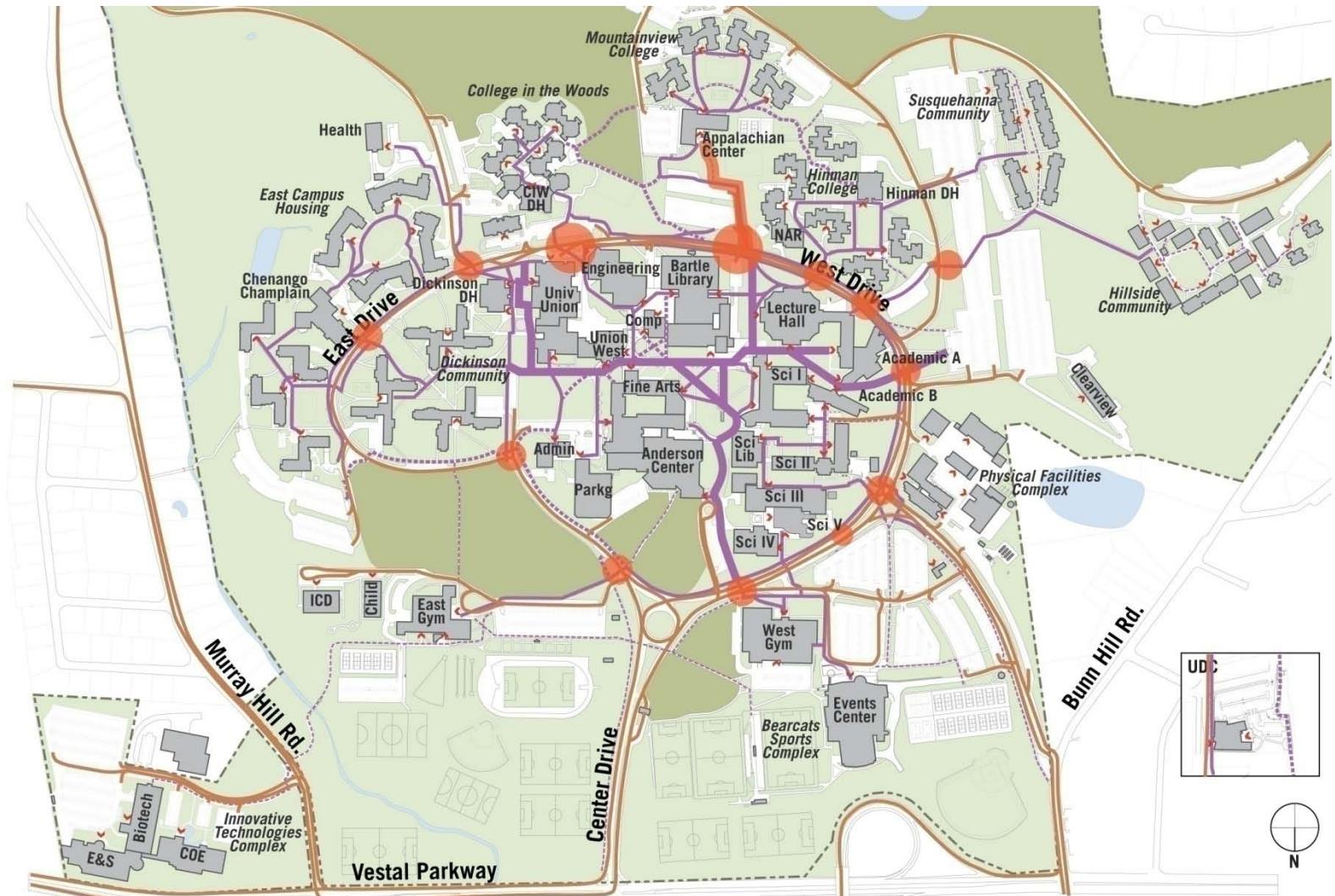
EXISTING FACILITIES AND CONDITIONS

PEDESTRIAN CIRCULATION



EXISTING FACILITIES AND CONDITIONS

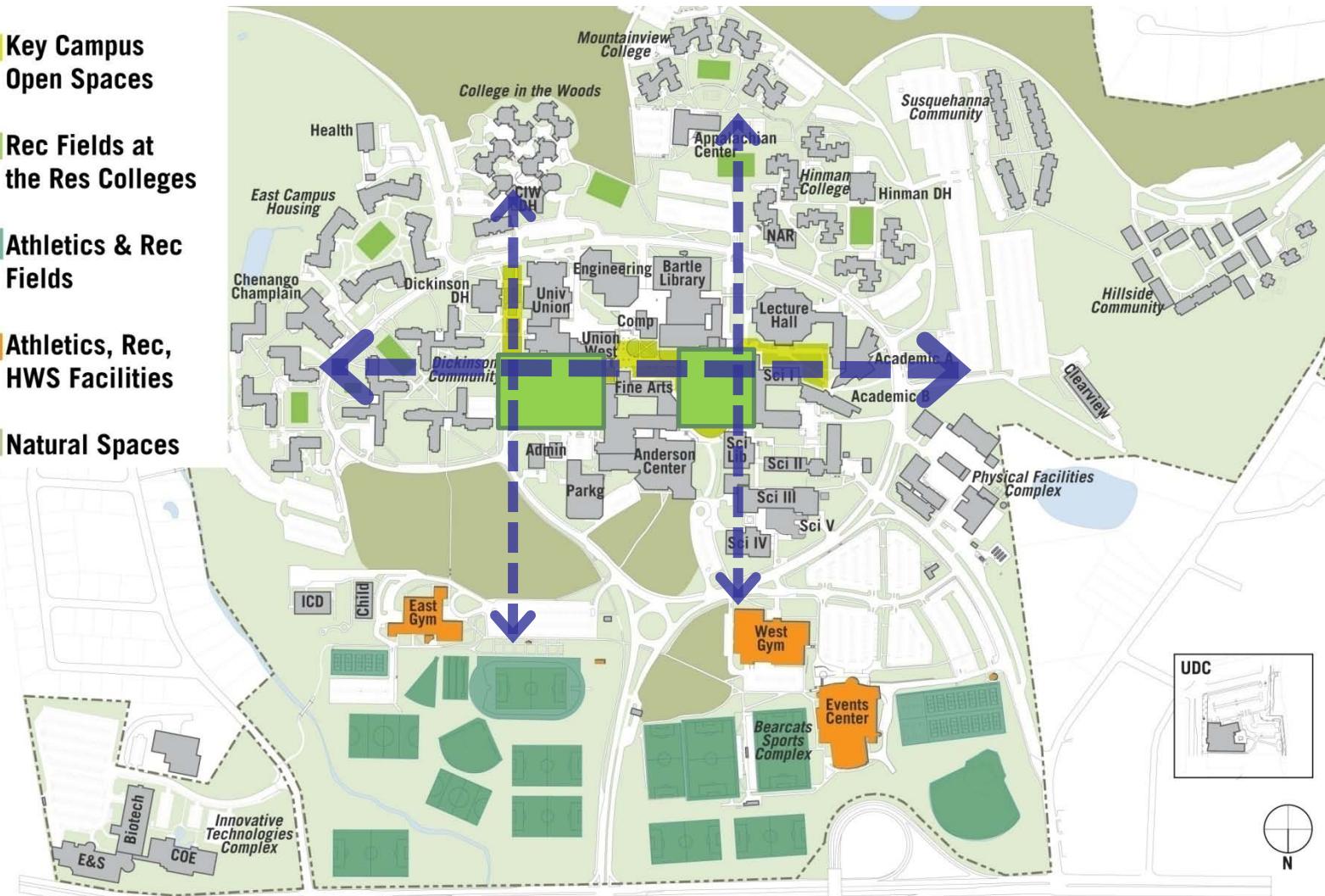
PEDESTRIAN-VEHICULAR CONFLICTS



EXISTING FACILITIES AND CONDITIONS

OPEN SPACE CHARACTER

- Key Campus Open Spaces
- Rec Fields at the Res Colleges
- Athletics & Rec Fields
- Athletics, Rec, HWS Facilities
- Natural Spaces



EXISTING FACILITIES AND CONDITIONS

PLANNING FRAMEWORKS

Development:

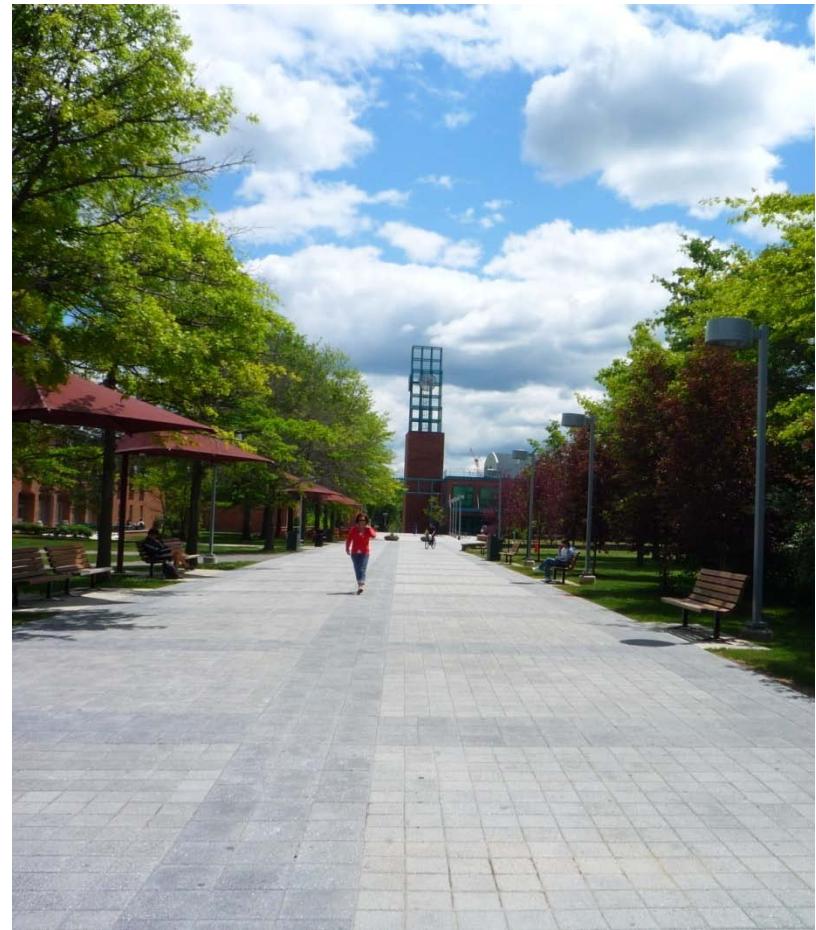
- Age and condition of buildings
- Existing campus use zones
- Utilities and infrastructure

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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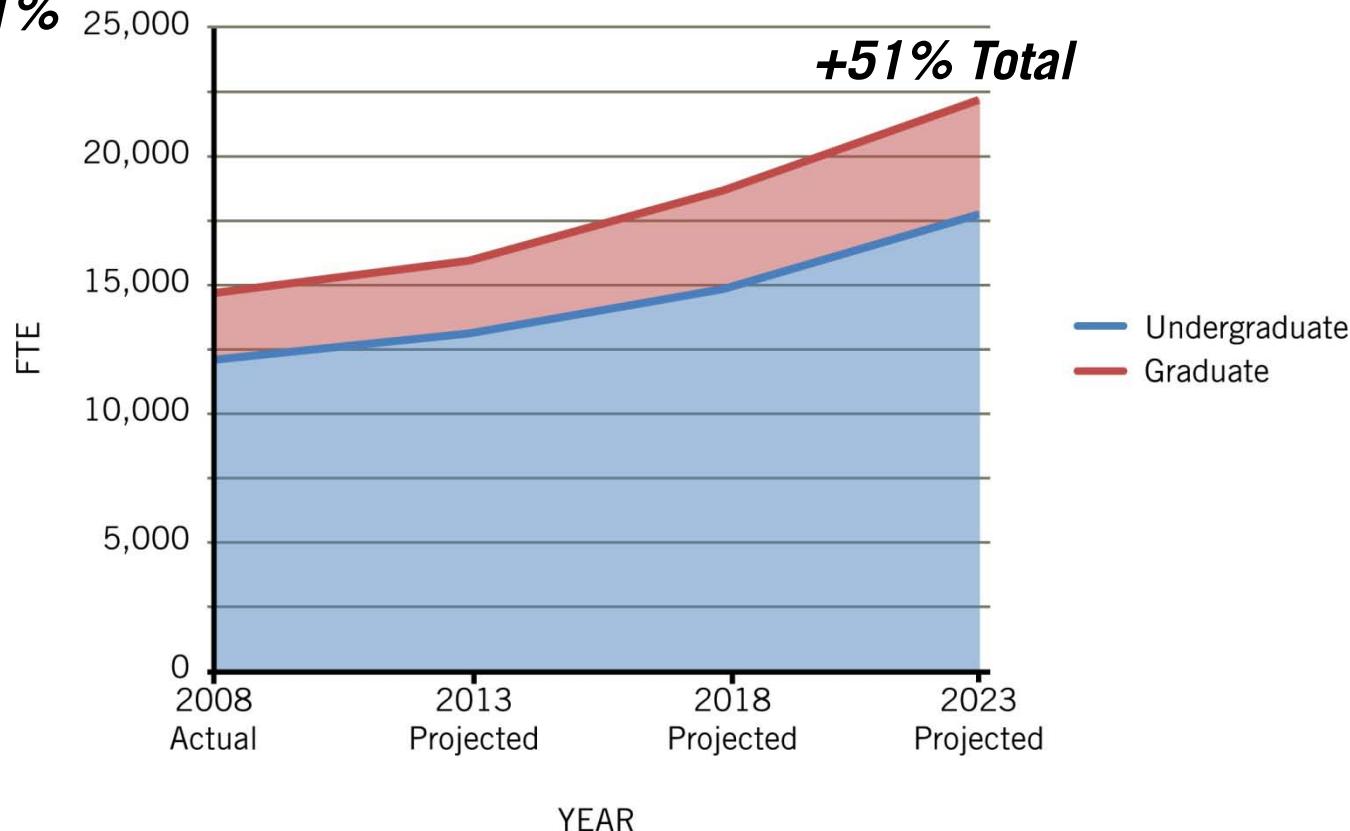
ENROLLMENT PROJECTIONS, UNIVERSITY-WIDE

Total Enrollment

Increase: +51%

UG: +47%

G: + 72%



GROWTH OF BU TO 2023

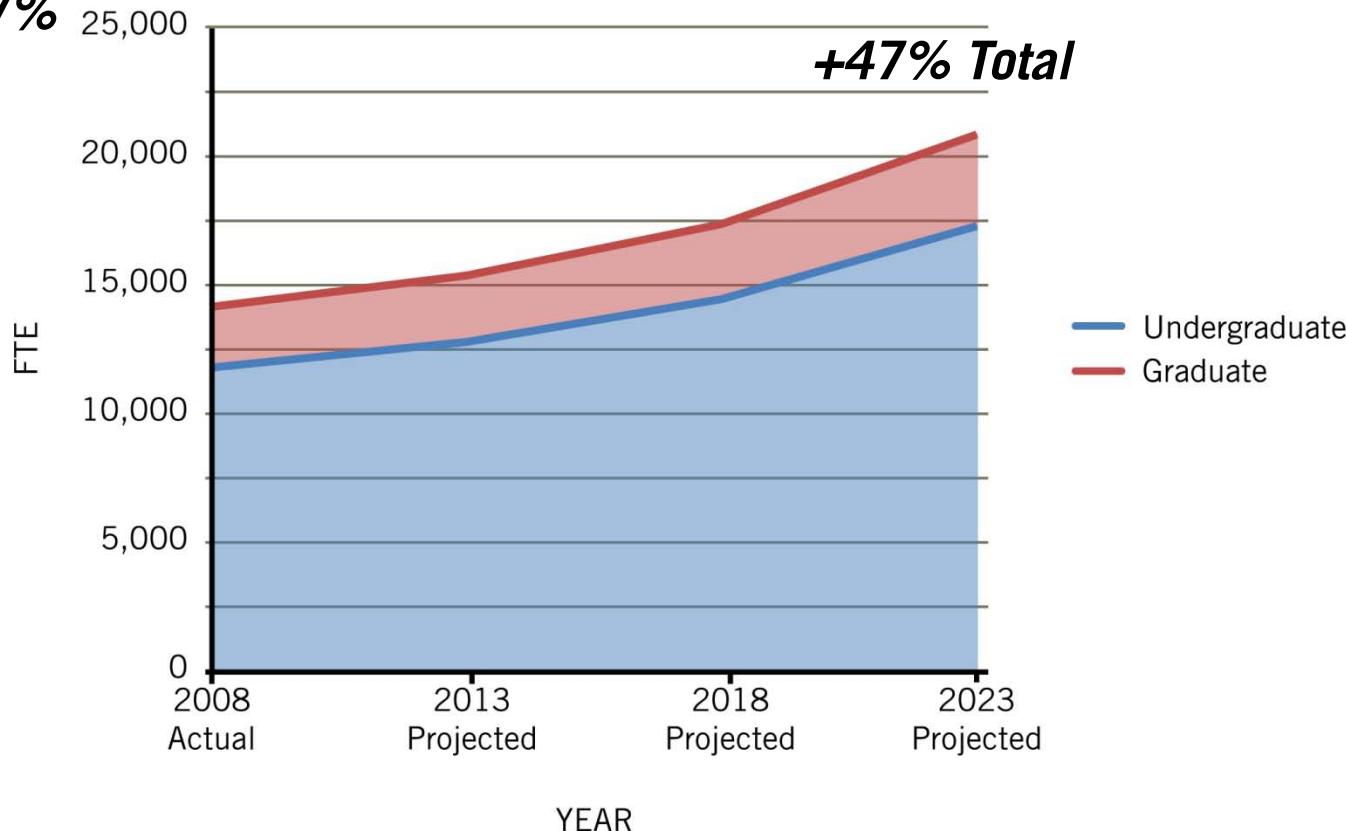
ENROLLMENT PROJECTIONS, MAIN CAMPUS

Total Enrollment

Increase: +47%

UG: +46%

G: + 51%



GROWTH OF BU TO 2023

PROVIDING FACILITIES – PROJECT TYPES

Renovation



New Construction



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

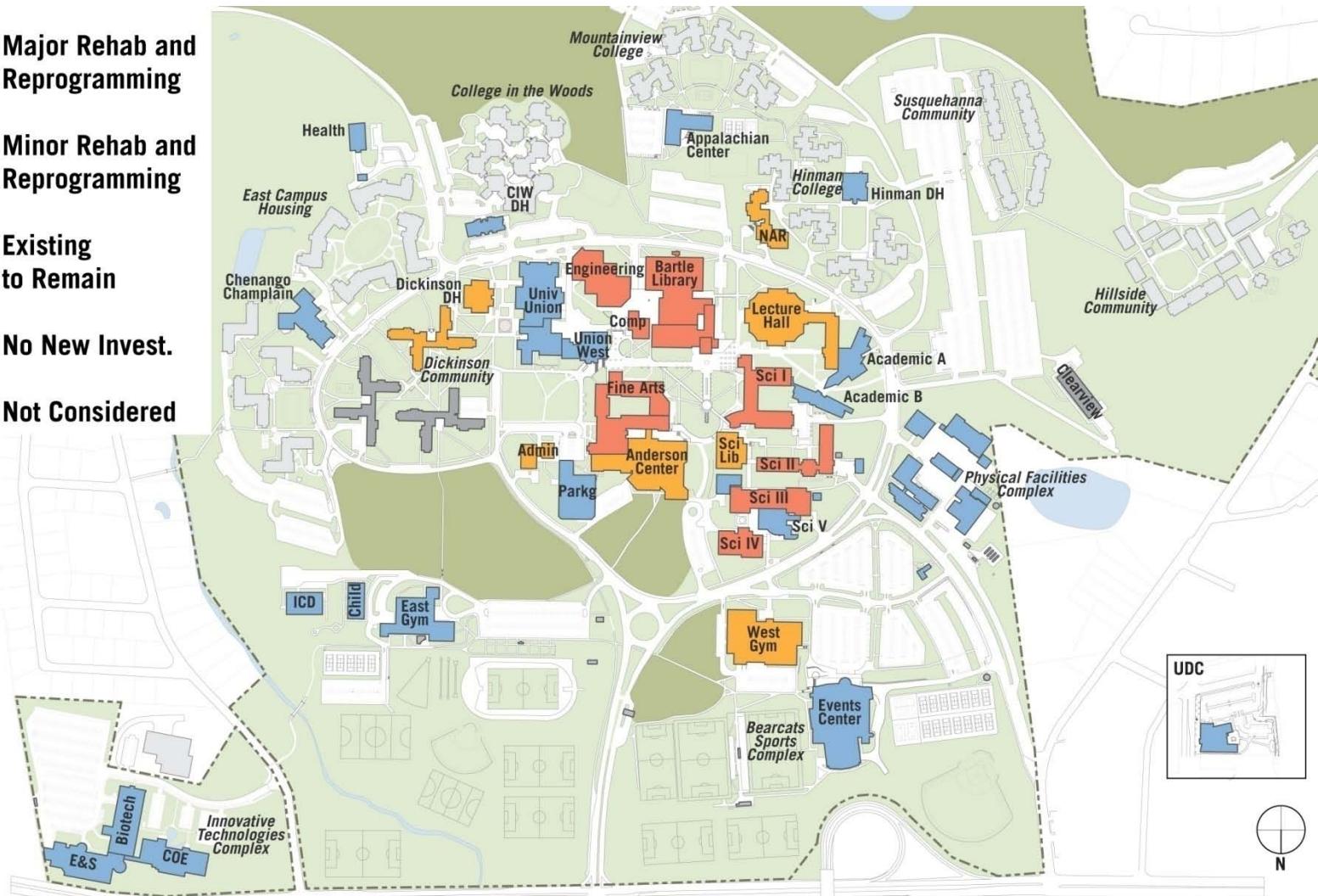
- Adding facilities capacity to support enrollment growth

Project types tied to distinct funding streams...

GROWTH OF BU TO 2023

RENOVATION OPPORTUNITIES, MAIN CAMPUS

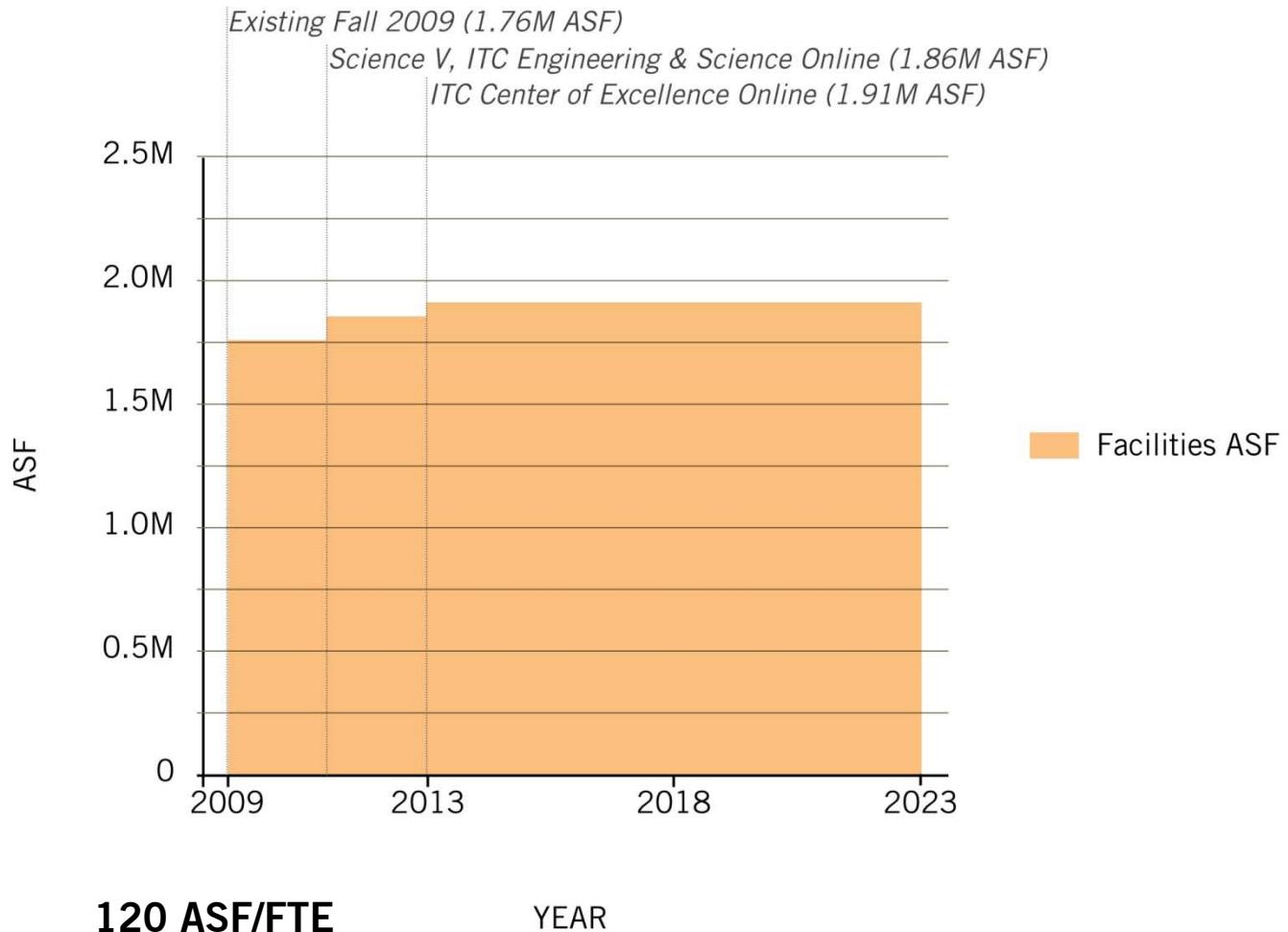
- Major Rehab and Reprogramming
- Minor Rehab and Reprogramming
- Existing to Remain
- No New Invest.
- Not Considered



GROWTH OF BU TO 2023

NEW CONSTRUCTION NEEDS, MAIN CAMPUS

**Existing:
1.7 Million
Assignable SF**

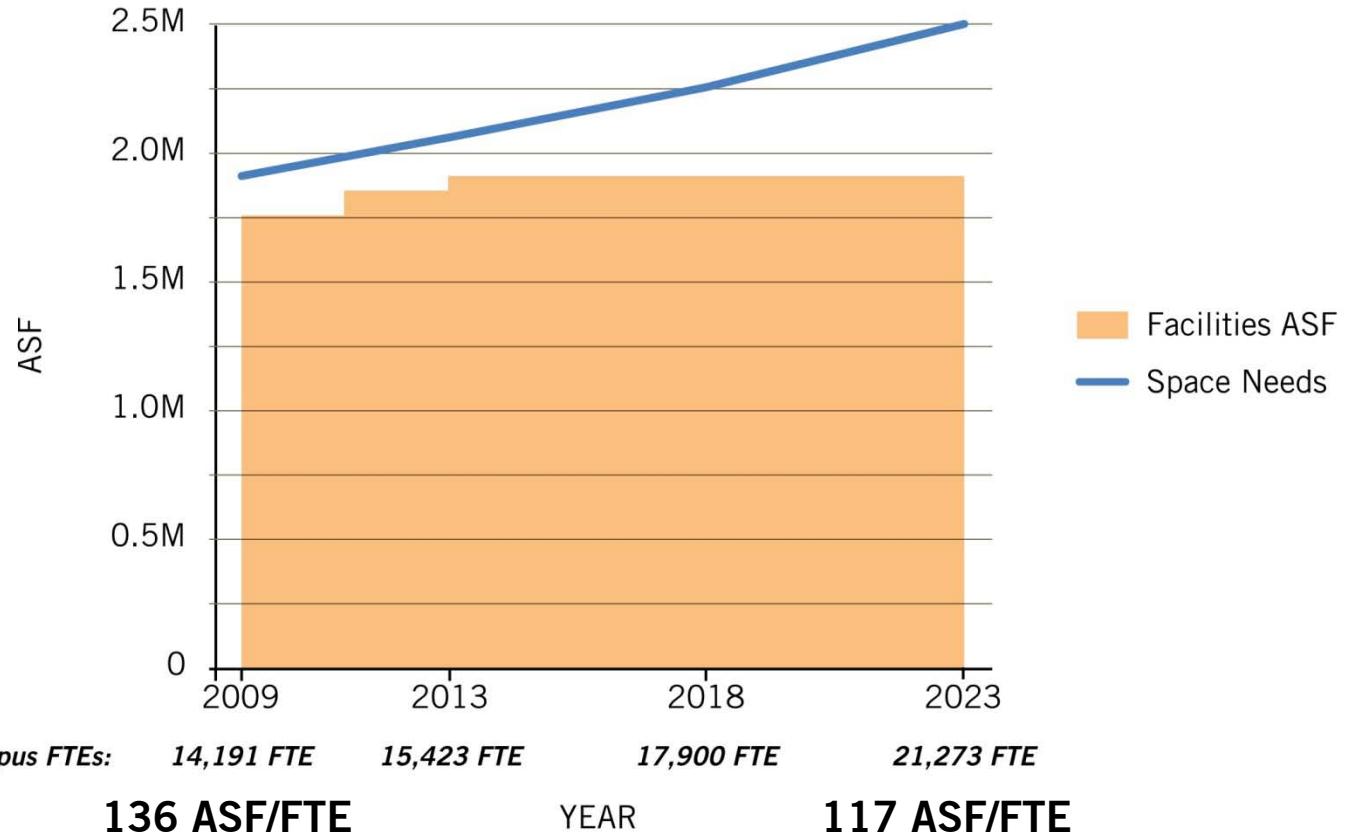


GROWTH OF BU TO 2023

NEW CONSTRUCTION NEEDS, MAIN CAMPUS

*Existing:
1.7 Million
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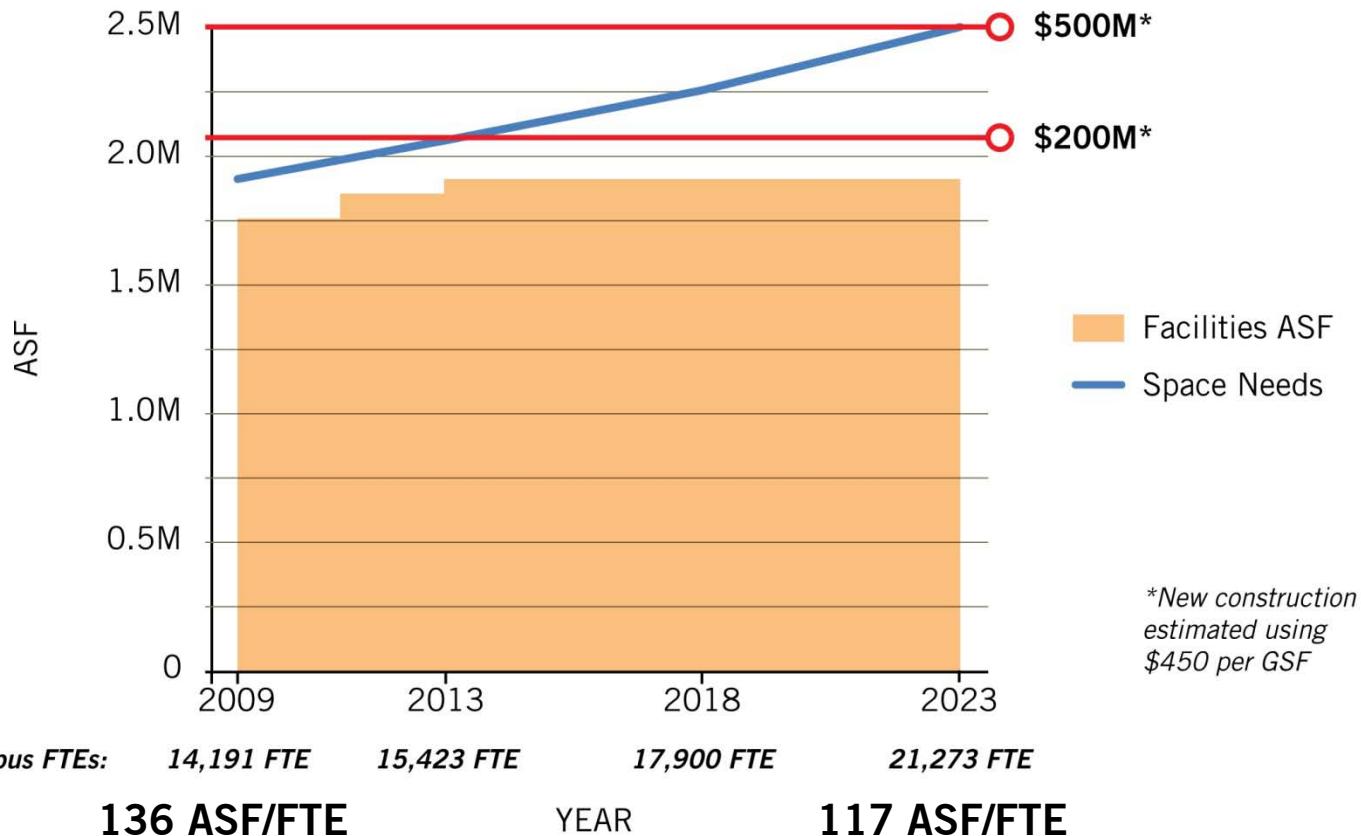
**2023 Need:
2.4 Million
Assignable SF**



GROWTH OF BU TO 2023

NEW CONSTRUCTION NEEDS, MAIN CAMPUS

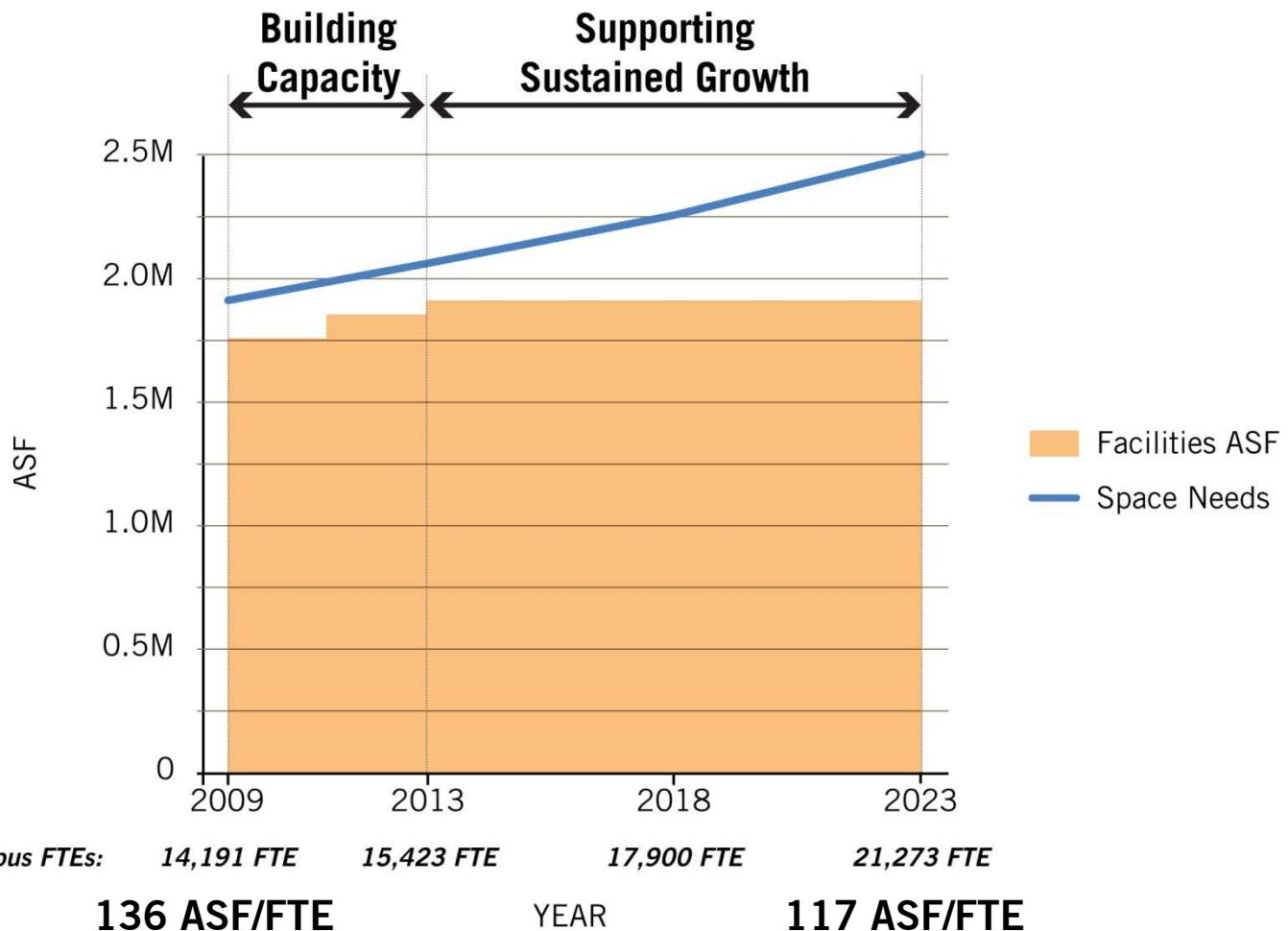
**Full 2023 Need:
\$500M in New
Construction**



GROWTH OF BU TO 2023

NEW CONSTRUCTION NEEDS, MAIN CAMPUS

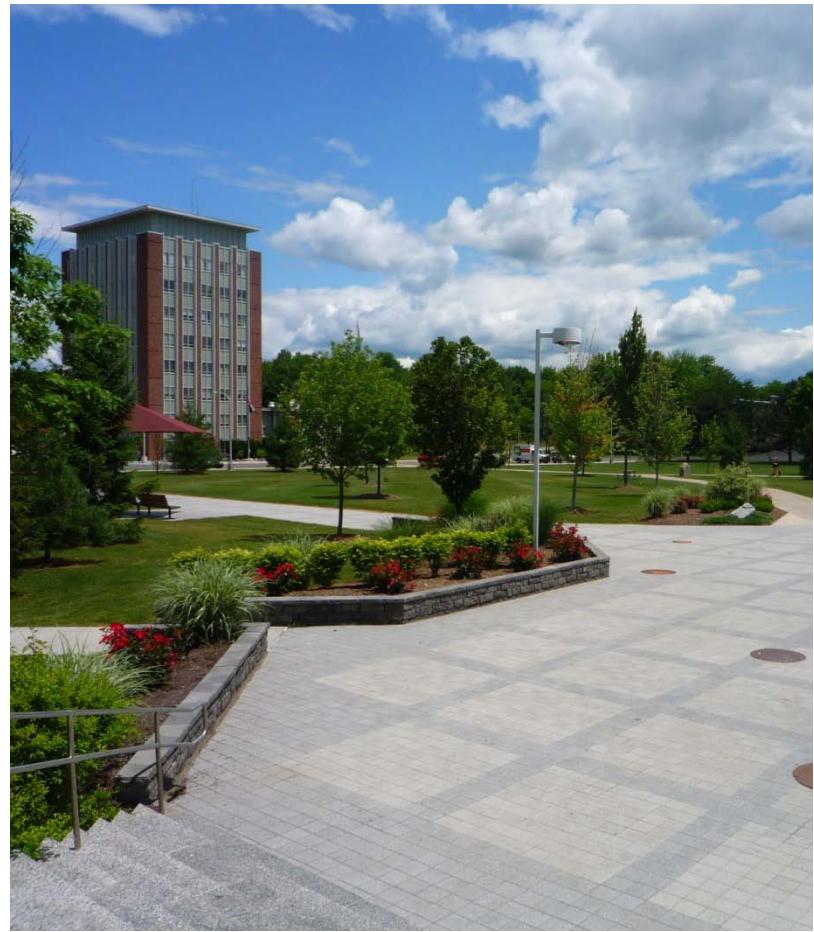
**Strategic
Approach to
Meeting Need**



GROWTH OF BU TO 2023

IMPORTANCE OF PRIORITIZATION

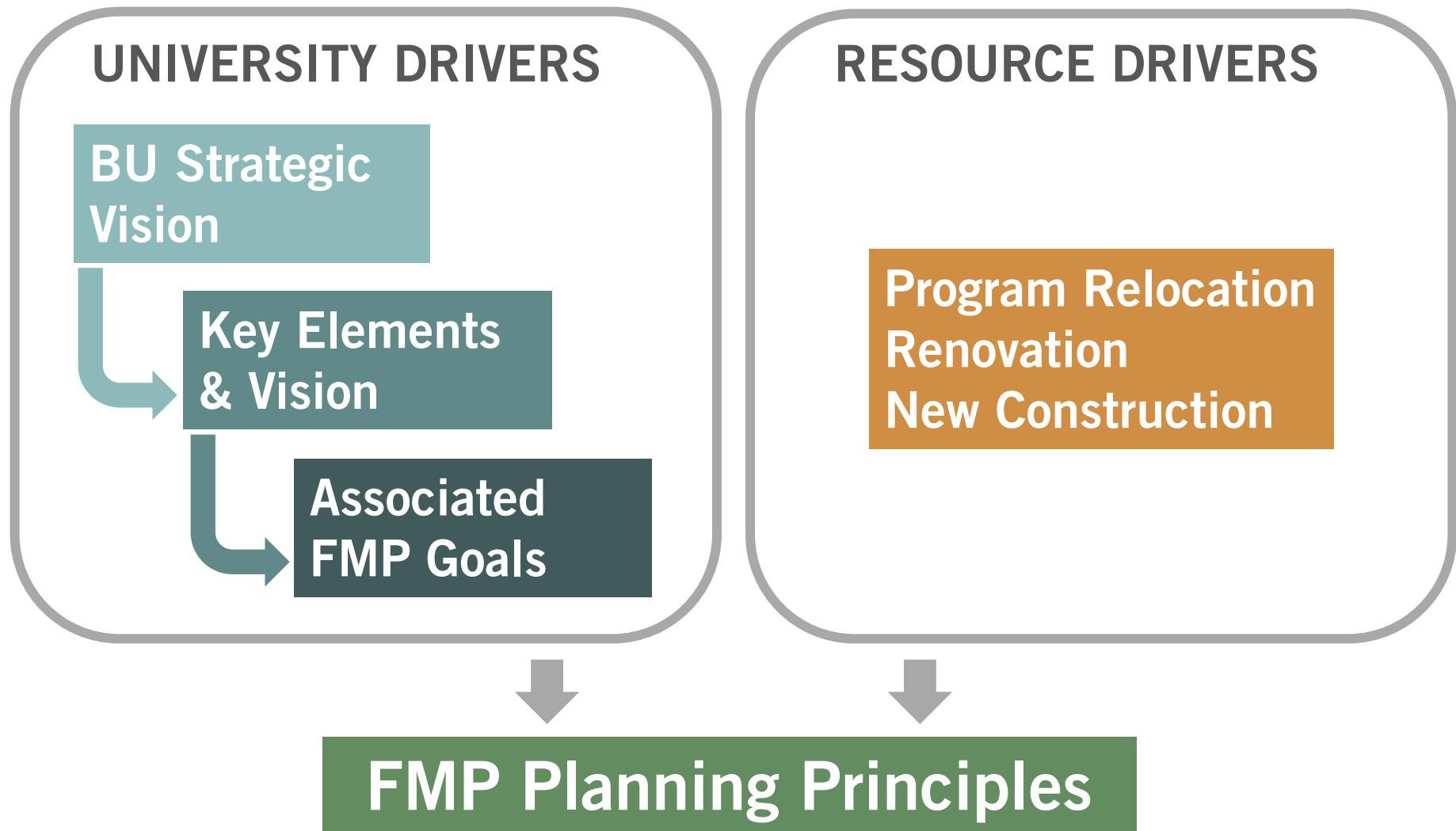
- Given the magnitude of need, it will be important to **make the right first moves**
- Strategy will involve **maximizing existing facilities**
- Priorities are measured against the **FMP Planning Principles**



GROWTH OF BU TO 2023

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PLANNING PRINCIPLES

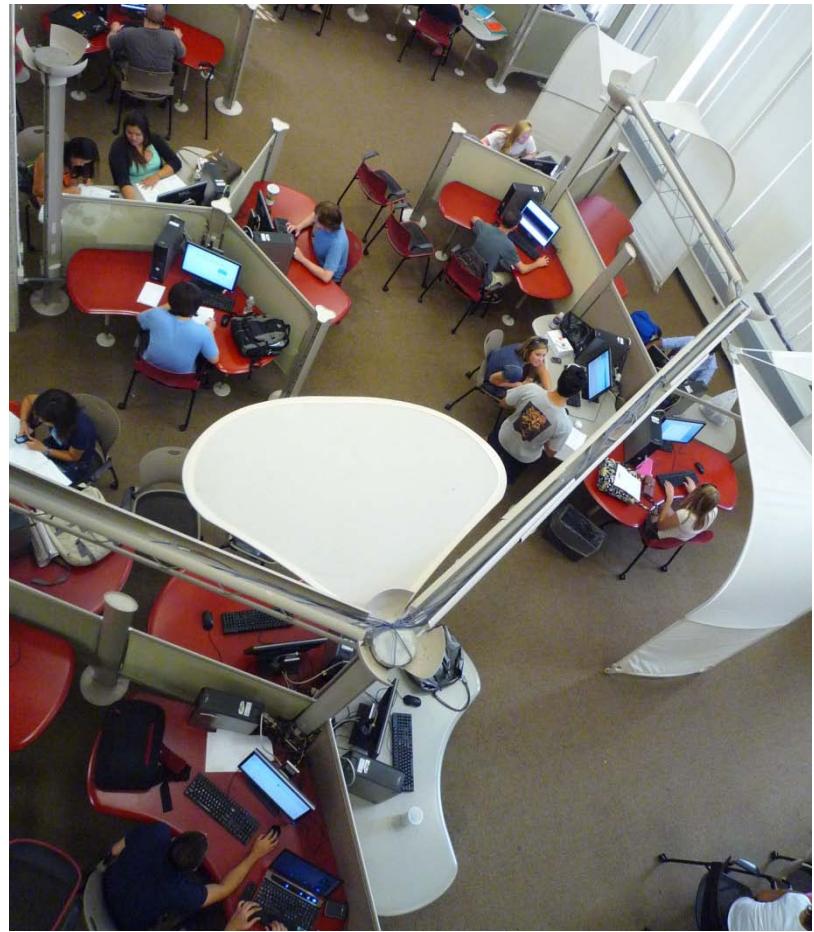


PROJECT DRIVERS AND PLANNING PRINCIPLES

UNIVERSITY DRIVERS

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

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

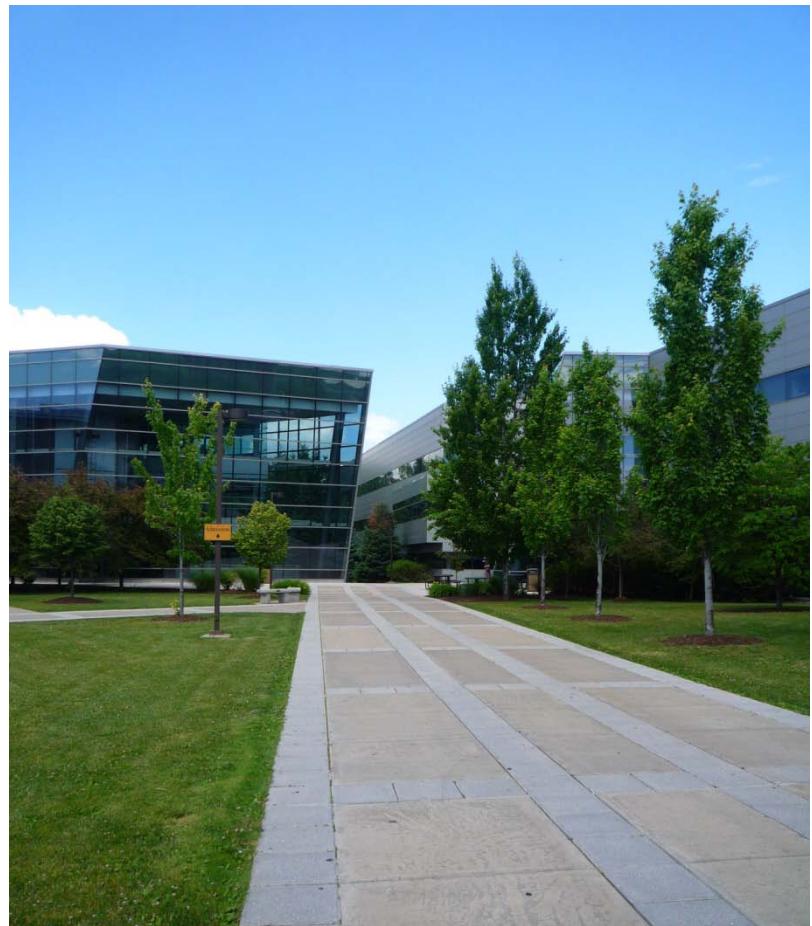


PROJECT DRIVERS AND PLANNING PRINCIPLES

RESOURCE DRIVERS

Maximize resources, including facilities, capital and time:

- Program Relocation
- Renovation
- New Construction

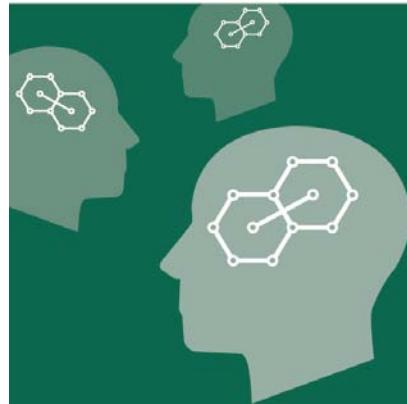


PROJECT DRIVERS AND PLANNING PRINCIPLES

PLANNING PRINCIPLES



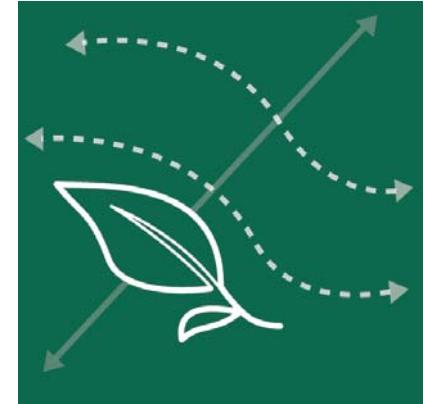
Development



Academic
Facilities



Support
Facilities



Open
Space and
Circulation

PROJECT DRIVERS AND PLANNING PRINCIPLES

PLANNING PRINCIPLES

Development

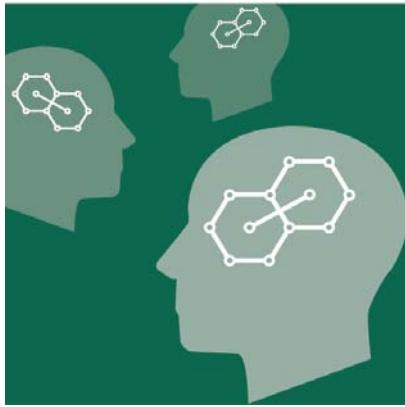


- Retain **existing primary facilities locations** at the Brain, the Innovative Technology Center (ITC) and the University Downtown Center (UDC), with the Brain serving as the academic core.
- To **maximize utilization of existing and future facilities**, pursue development in and around the Brain.
- 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 PRINCIPLES

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 PRINCIPLES

PLANNING PRINCIPLES: SUPPORT FACILITIES

Support Facilities

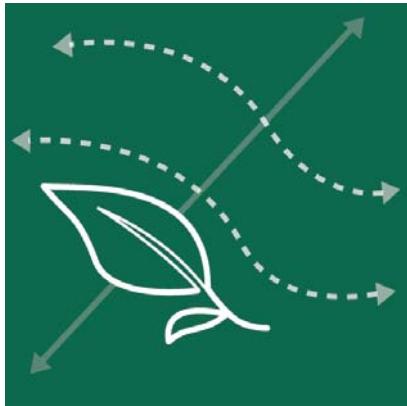


- **Compliment centralized student life spaces with distributed spaces, integrated throughout all facilities.**
- Align facilities with the University's goal to **support student engagement in physical activities**.
- **Co-locate student support services** for efficiency and improved student service.
- **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 PRINCIPLES

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 PRINCIPLES

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

State University Construction Fund

Binghamton University Facilities Master Plan

Open Forum Session

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

