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Introduction

A useful and enduring campus development plan must be flexible and able to adapt to the institution's evolving needs. Chapter 4 identified framework elements that are vital to a successful development plan, and Chapter 5 builds in the flexibility required for successful implementation of MSU's Long Range Campus Development Plan (Plan). Flexibility includes the phased implementation approach and the formal, regular review of the process of the Plan.

MSU will revisit the Plan on a cyclical basis to ensure that its principles, elements and fundamental strategies remain consistent with university's vision. Development and construction of the campus in the next decade will focus on the establishment of the fundamental elements of the framework plan. Subsequent stages of implementation of the Plan will continue to build upon and refine these fundamental elements and strategies. Recurring review of the Plan ensures that all future development continues to evolve with the university's mission and goals, while still achieving a long-term vision. Campus planning and design projects will be reviewed by the University Facilities Planning Board to ensure that they contribute to the context of the campus and the Plan principles.

Plan Review and Update Process

Review and Update Cycle

Scheduled review and cyclical updating of the Plan is critical to keeping the documents relevant and viable in guiding the decisions pertaining to the campus' physical environment. The plan includes a specified cycle of review and production of an updated document every five years.

An updated plan will be distributed in 2012 and every five years thereafter. The process provides future administrations with a planning tool that is adapted regularly to meet the university's aspirations and needs.

Review Process

The revision process will begin with Montana State University's Facilities Planning, Design and Construction (FPDC) office. In its role as the steward of the campus facilities planning and construction efforts, FPDC will initiate the cyclical review and update process. Direction from the UFPB, university stakeholders, advisory bodies and administrators will be sought to give guidance to the Plan. The process will also encourage continued communications with and input from the City of Bozeman, local and state officials and the local community.

Facilities Planning Design and Construction will routinely collect information regarding physical changes to the campus and demographic data. In year four of the five-year process, the data will be analyzed for trends and anomalies or deviations from the Plan. The information will be reviewed, translated and appropriately distributed to assist the university in making informed adjustments and modifications to the Plan. The fifth year will be devoted to working with UFPB and a LRCDP Advisory Committee to determine if any adjustments and modifications to the Plan are necessary. Updating the Plan will be supervised by FPDC, and the revised publication will be re-issued at the end of the fifth year.

To ensure that the cyclical update is comprehensive, the collected data may include the following:

- University enrollment
- Administration policy
- Legislative decisions
- Physical modifications to the university campus
- Review Long Range Building Program projects that have increased/decreased in priority, or may have been eliminated
- University Major Maintenance and Capital Improvement Plan, funding streams and budgets
- University capital campaigns
- University strategic plans, including the Five-Year Vision
- City and county building permits
- City and county zoning changes
- City and county platted subdivisions
- City and county planning projections
- Municipal transportation network plan modifications
- Notation of unanticipated economic, public service, utility, campus or municipal modification that was not factored into the Plan

Implementation of Build Out

*A view of campus, looking east toward
the foothills of the Bridger Mountains
(2005).*

Phased implementation is necessary to successfully achieve realization of the Plan. The Plan proposes an incremental approach to implementing the principles, elements and fundamental strategies of the framework plan. Vital factors such as student population growth, academic plans, research, five-year vision goals, and logical development of the campus districts will have a bearing on the programmatic needs of the campus physical environment.

The Plan is an investment in the future of the institution. It is a useful tool in linking the university's mission and vision to the physical learning environment and is a quantitative tool for assessing the university's growth strategy.



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10-year Projected Build Out

See referenced maps on following pages.

View of campus and Bozeman from the “Campus M” foothills trail (2006).

The primary purpose of the first 10-year projected build out is to establish the foundations of the various fundamental strategies of the framework plan elements. The 10-year build out primarily focuses on infill within the campus core and establishment of the fundamental strategies of the Plan elements such as formalization of

the districts, open space concepts, and transportation and circulation objectives. There are numerous appropriate buildings in close proximity to existing infrastructure which expand program opportunities within designated neighborhoods, and which complement and define intentional open spaces and landscape.



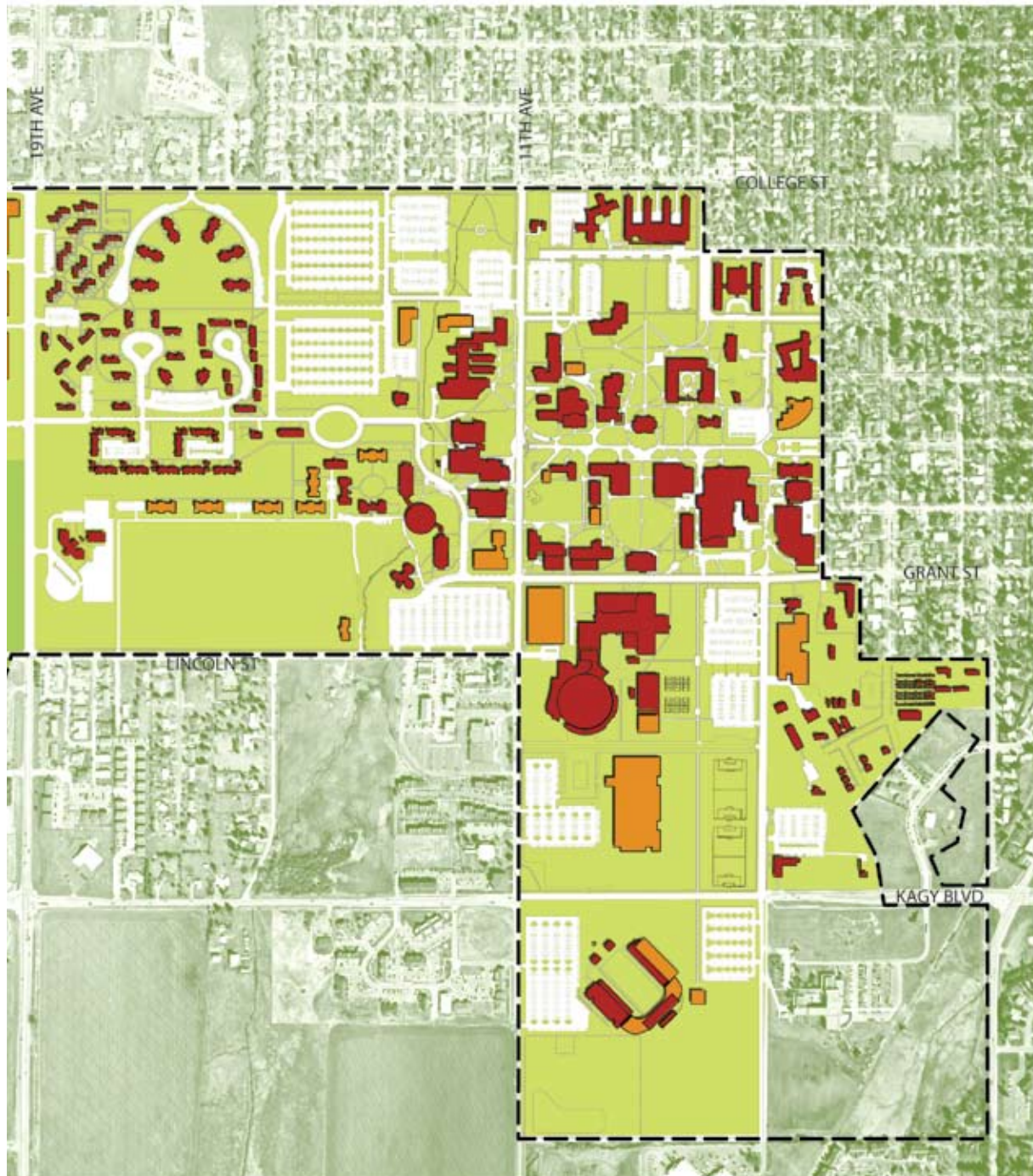
Ten-Year Projected Build Out Profile

- Remove the 1950s housing units between Jefferson Street and Garfield Street, and replace with transitional surface parking lots.
- Construct additional apartment-style housing in the Housing Neighborhood on Garfield Street.
- Create additional residence hall housing near existing North and South Hedges housing.
- Develop infrastructure and begin initial implementation of faculty, staff and student housing near Fowler Road.
- Increase density within the existing core.
- Further establish districts and identify neighborhoods.
- Initiate the migration of Facilities Services west of South 19th Avenue.
- Establish collaborative development of College Street and South 19th Avenue Enterprise Zone.
- Initiate development of Huffine Lane and Fowler Road Enterprise Zone.
- Support evolution of agricultural programs through building and facility improvements.
- Establish gateways, edges and boundaries of campus.
- Initiate development of the Mixed-Use District.
- Establish concepts for pedestrian crossing of South 19th Avenue at Garfield Street.
- Initiate modifications to establish Garfield Street as a primary entrance to campus.
- Incrementally develop transportation and circulation network elements.
- Establish concepts for pedestrian crossing at South 19th Avenue, connecting the Garfield Street and Centennial Mall corridors with west campus.
- Initiate implementation of parking strategies, such as construction of parking garages at key locations that serve universal use, such as athletic, auxiliary and academic areas.
- Establish the fundamental concepts of the future open space network, such as connecting Garfield Street to the Centennial Mall.
- Formalize the lawn north of Montana Hall.
- Create the east-west green corridor through the future academic district west of South 11th Avenue.
- Initiate restoration of Mandeville Creek (natural flow, vegetation and building setbacks).
- Create and implement a campus landscape master plan.
- Implement athletics facilities improvements such as stadium expansion and practice facilities (Athletic District).
- Create an entry to Fieldhouse and Athletics' Indoor Practice Facility (Athletic Neighborhood).



10-year Projected Build Out

- Existing Buildings
- New Buildings
- Agricultural Research and Teaching Facilities



25-year Projected Build Out

See referenced maps on following pages.

View of campus from South 19th Avenue (2005).

The 25-year projected build out anticipates development to occur between years 11 and 25. The focus of this part of the plan is to continue to refine and advance the principles, elements and strategies of the framework plan established during the first 10 years. Primary goals will include the continued growth of the districts with an emphasis on the expansion of the Academic District to the west.



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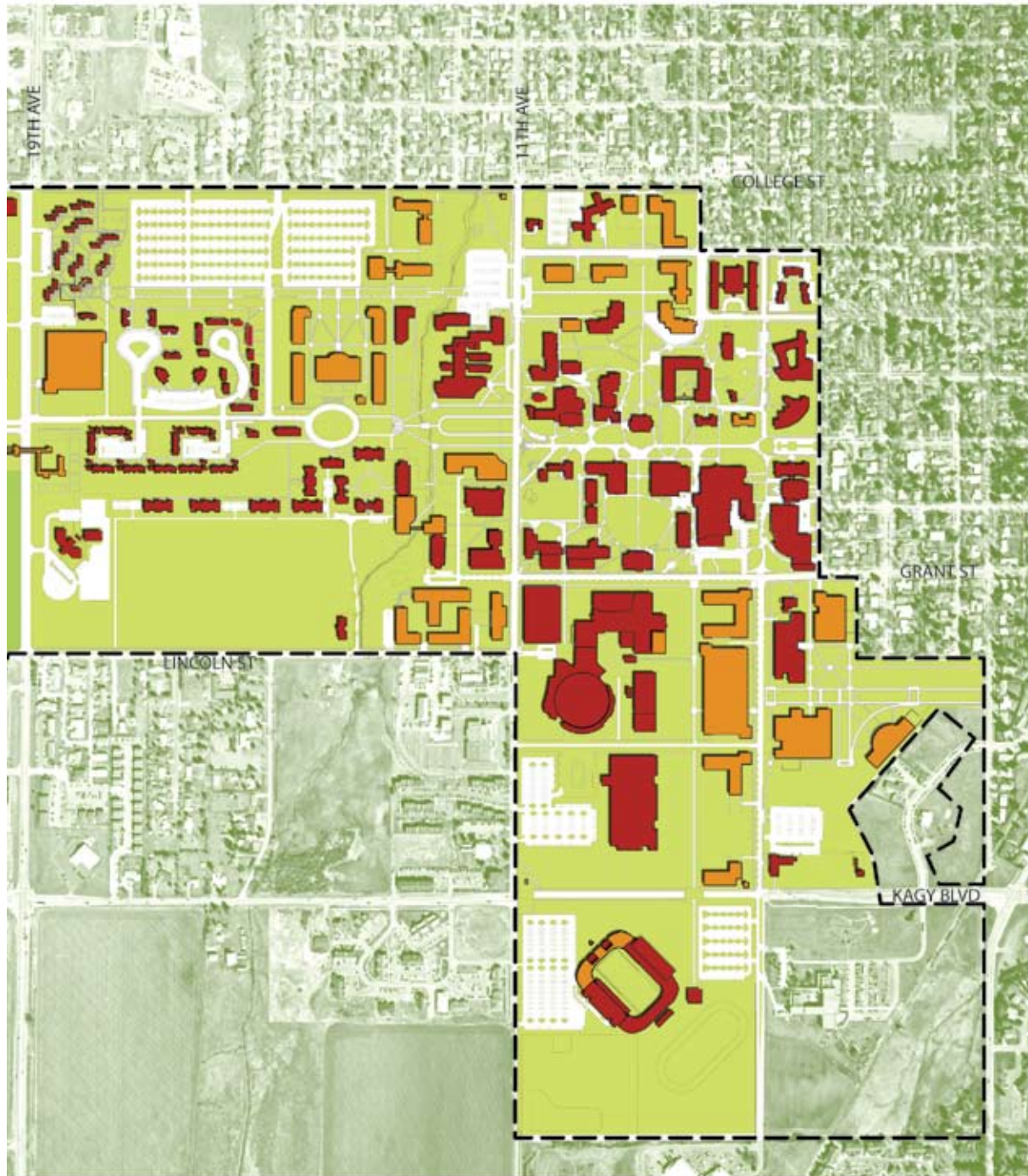
25-year Projected Build Out Profile

- Remove Grant Chamberlin Family Housing units and replace with transitional surface parking.
- Develop apartment-style housing incorporated with parking garage at Lincoln Street and South 11th Avenue (Housing Neighborhood).
- Complete second stage of faculty, staff and student housing near Fowler Road.
- Continue to infill within the campus core.
- Complete migration of Facilities Services west of South 19th Avenue.
- Continue development of Enterprise Zones.
- Transition use in South 6th Avenue and Grant Street area created by Facilities Services vacancy (increase Academic and Public Venue neighborhoods).
- Replace Marsh Laboratories, partially or completely.
- Remove Haynes Hall and open pedestrian connection between South 11th Avenue and South 19th Avenue.
- Replace Cheever Hall with a new building that has a smaller footprint.
- Replace McCall Hall with a new building.
- Continue implementing development along Garfield Street, west of South 19th Avenue.
- Replace Johnstone Center with mixed-use housing and retail.
- Replace Branegan Court Housing with parking garage for Housing, Academics and Enterprise Zone districts.
- Replace surface parking lot with parking garage at South 6th Avenue (Athletic Neighborhood).
- Develop pedestrian/bicycle bridge over South 19th Avenue.
- Open Harrison Street for transit connection from South 8th Avenue to South 11th Avenue.
- Develop parking lots at South 12th Avenue and Antelope Street.
- Complete Garfield Street pedestrian connection between South 11th Avenue, and Centennial Mall following removal of Cheever.
- Complete restoration of Mandeville Creek (return it to more natural flow, increase indigenous vegetation and establish building setbacks).
- Develop athletics “Walk of Fame” that connects Athletics Neighborhood south of Kagy Boulevard and the campus core.



25-year Projected Build Out

- Existing Buildings and Proposed Buildings from 10-Year Buildout
- New Buildings
- Agricultural Research and Teaching Facilities



Long Term Vision

The projected final build out is a vision of how the campus physical environment could evolve if the university adheres to principles and framework strategies of the Plan. Although the vision may evolve over time, a continued focus on the framework elements of the Plan will result in a dynamic and well-conceived campus that is conducive to teaching and learning.

The critical element of the framework plan is infrastructure, and more specifically that the appropriate infrastructure is located where it needs to be for connection and access, and that it is in place prior to the development. Infrastructure guides the development and accommodates and organizes the buildings and their access throughout campus and the community.



Sunrise campus panorama with Spanish Peaks in the background (2007).

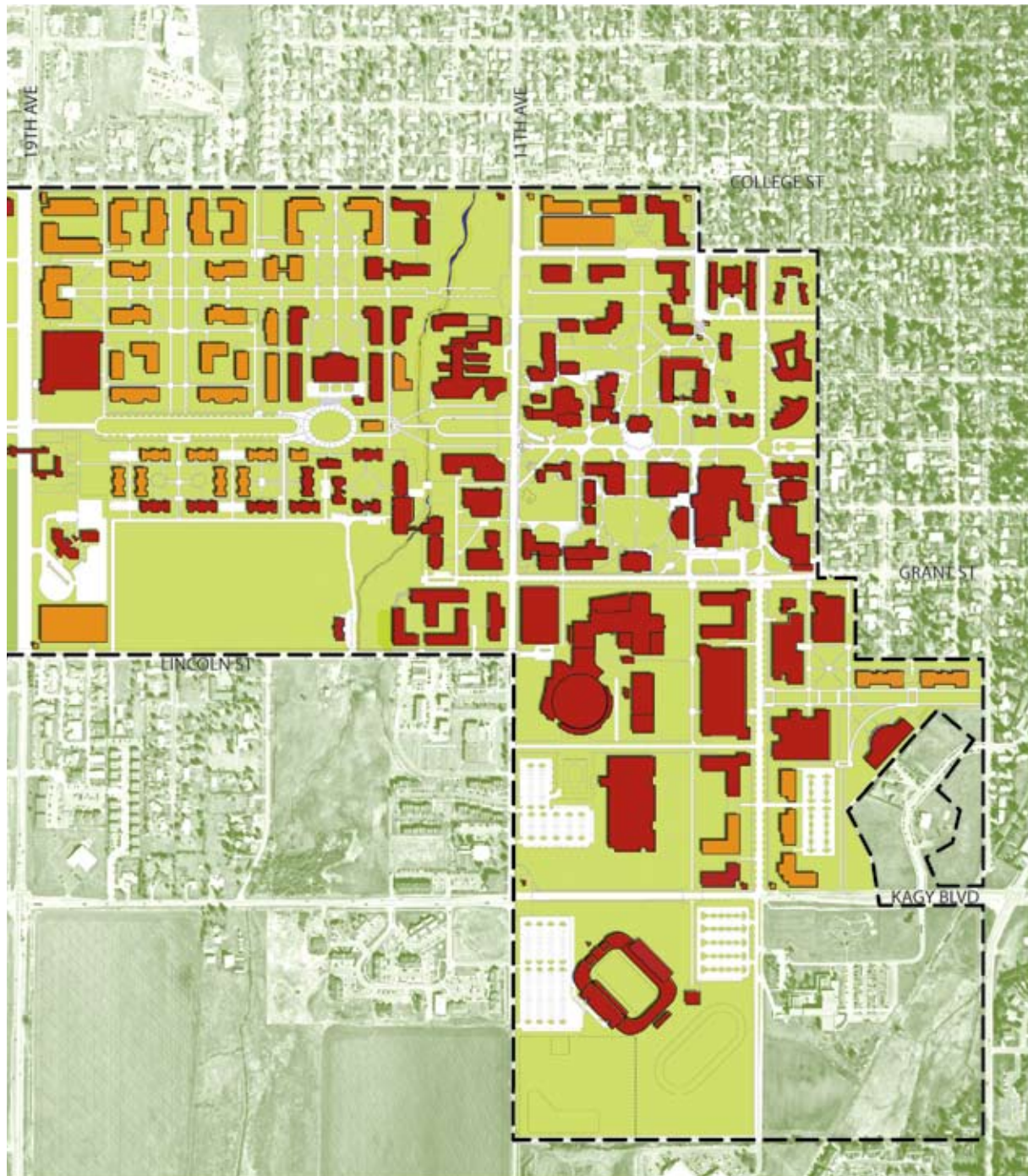


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Long Term Vision

- Existing Buildings and Proposed Buildings from 25-Year Buildout
- New Buildings
- Agricultural Research and Teaching Facilities



University Facilities Planning Board

Successful implementation of the Plan relies on involvement and oversight by its campus constituents. The University Facilities Planning Board (UFPB) has had an active role in advising the president and administration in guiding the development of the campus' physical environment. UFPB will continue to be a significant contributor in advancing the implementation of the principles and concepts of the Plan.

In its current role, UFPB serves in an advisory capacity to the president for design projects related to the development and utilization of campus facilities and grounds. The UFPB board will review design projects with respect to the Plan principles and elements, with an emphasis on quality of open space, land use, landscape, architectural form, and exterior and public space

appearance, as well as the project's relationship and contribution to the campus context. The charge of the board will include:

- Review and advise on the implementation, review cycles and modification of the Plan.
- Review and recommend action on the development of the Campus Design Guidelines.
- Review and participate in establishing priorities for the MSU Long Range Building Program.
- Review and recommend action on the development of new building programs and the siting of all new buildings and structures.

The students are an integral part of all university planning efforts. Their input is sought for short term improvements and long term endeavors.



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The Long Range Campus Development Plan Advisory Committee

- Review and recommend action on all remodeling requests that necessitate changes in physical configuration of space in major public areas.
- Review and recommend action on all proposed changes to the campus grounds, including pedestrian, vehicular, parking, lighting, and signage systems.
- Provide conceptual architectural review of projects to assure consistency with overall campus development.
- Review and recommend action relating to any issues that may affect public spaces or the exterior campus environment.

The Long Range Campus Development Plan Advisory Committee is an oversight body representing campus constituents and administration. The committee's responsibilities will be to guide and advise FPDC and UFPB in the cyclical revision of the Plan documents with respect to changes in the university's aspirations and goals.



Students walking along the Centennial Mall.

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Relationship to Other Planning Efforts

1. Five-Year Vision Strategic Plan
2. Major Maintenance and Capital Improvement Plan
3. Long Range Campus Building Program
4. Utility Infrastructure Plan
5. Parking Plan
6. Construction and Design Guidelines
7. Campus Landscape Plan
8. Wayfinding and Signage Plan
9. Student, Faculty and Staff Housing Plan