

Montana State University



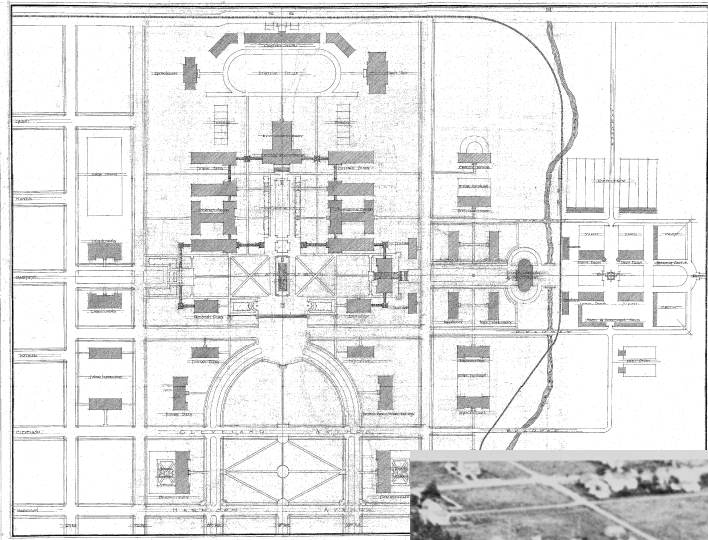
- MSU TOMORROW - A CAMPUS PLAN FOR THE FUTURE

Long Range Campus Development Plan
2007



Existing
DRAWING 13

Main mall courtyard at Montana Hall.



CASS GILBERT PLAN 1917



CURRENT AERIAL



GOVERNING PRINCIPLES

- 1. Promote MSU's commitment to a contemporary mission of the Land Grant Institution through the physical integration of teaching, research, and outreach.**
- 2. Coordinate College and Departmental visions and physical developments with the strategic vision of the University.**
- 3. Recognize the critical relationship of the physical environment to excellence in teaching, learning, research, public relations, and quality of life.**
- 4. Develop the physical environment of the University through collaborative relationships with the larger community.**
- 5. Build on our unique heritage, sense of place, and strategic vision of the future as a model of planning and design excellence.**
- 6. Develop campus environment that enhances the personal experience of the University community through a spatial network which promotes human interaction.**
- 7. Be exemplary stewards of our physical resources.**
- 8. Continue a comprehensive approach to campus planning to guide the University's future development.**

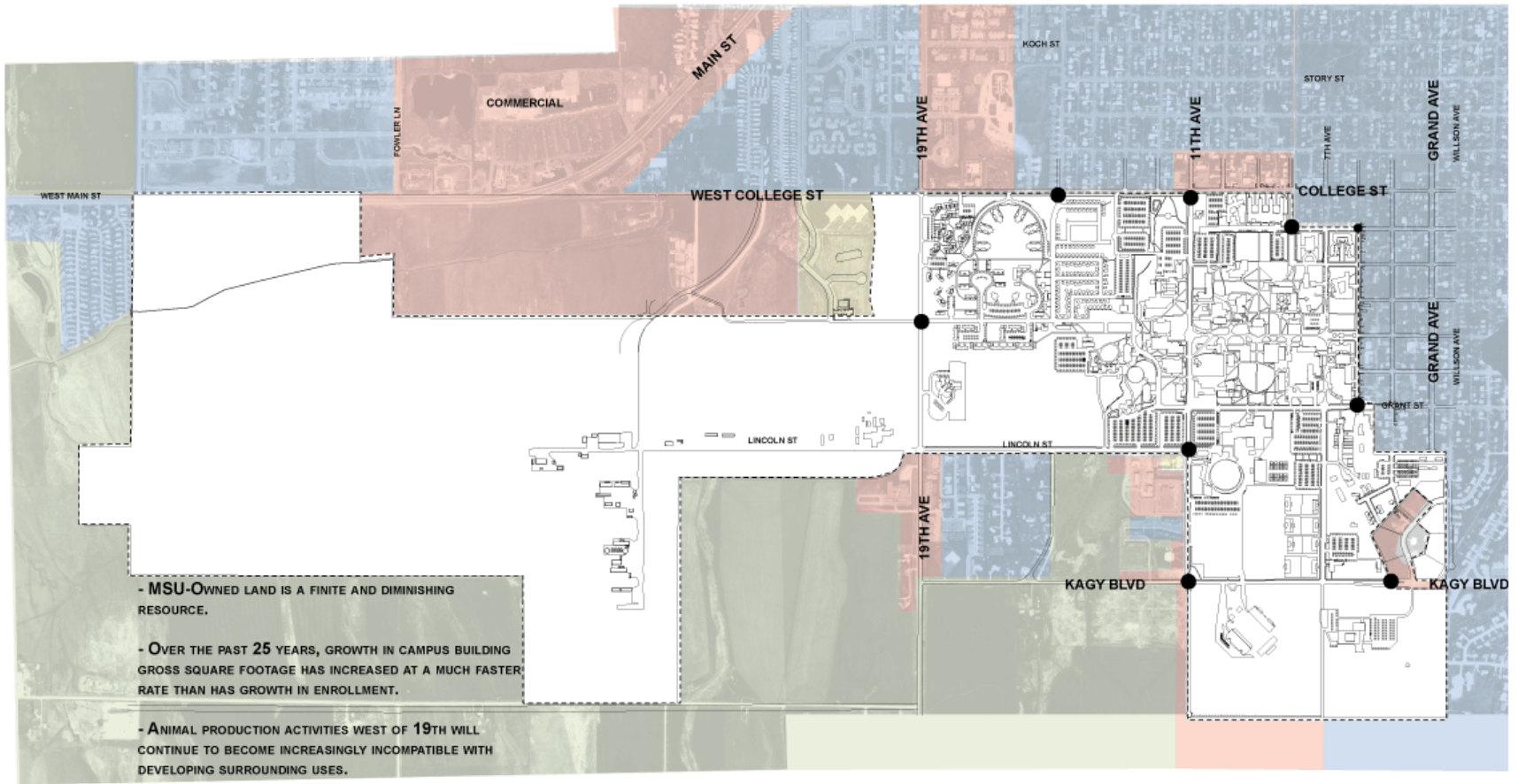
GOALS OF THE PLAN

- **Land Use**
- **Architecture**
- **Open Space**
- **Landscape**
- **Circulation**
- **Parking**
- **Housing**
- **Research**
- **Signage**
- **Sustainability**



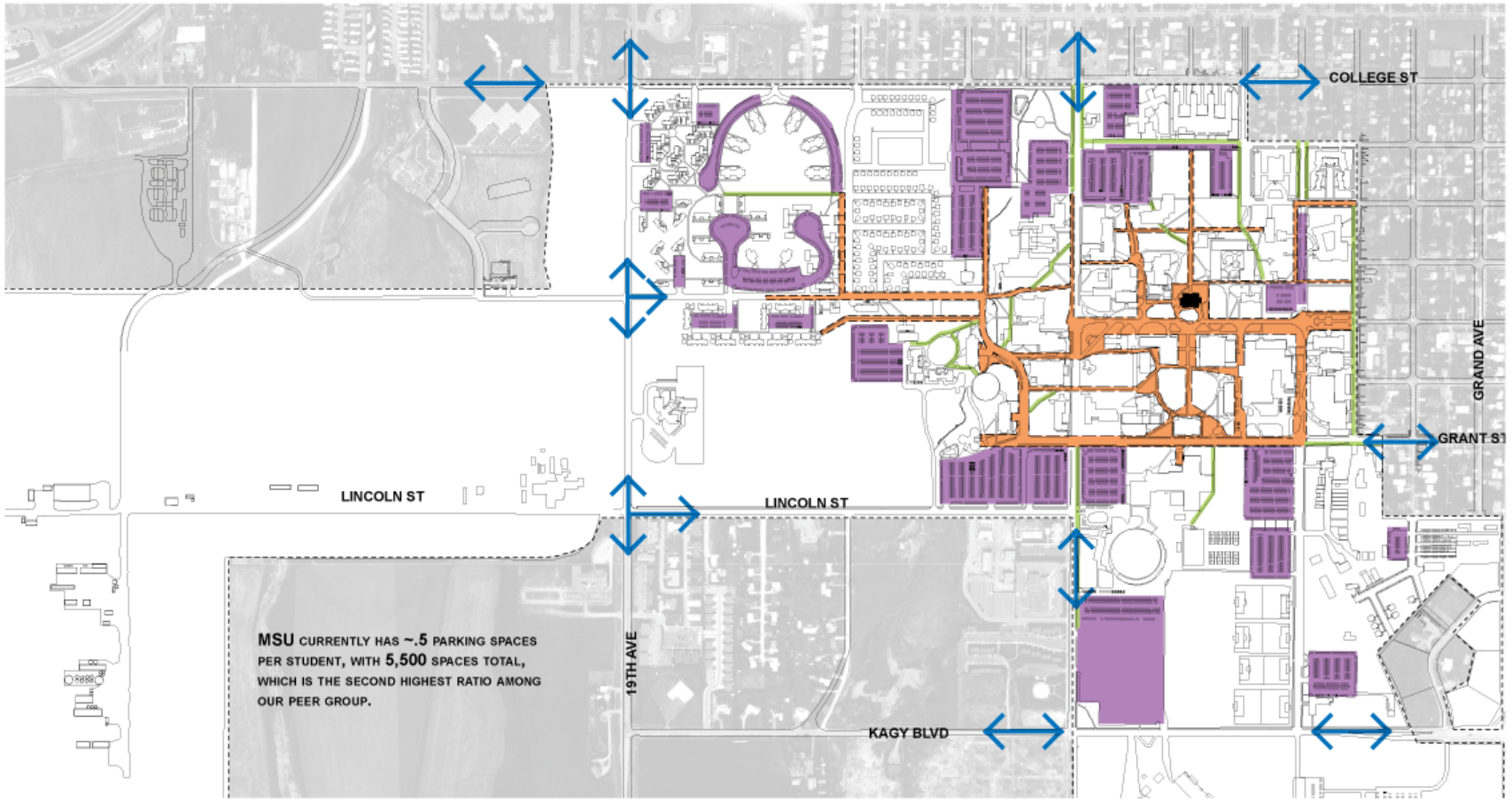
Existing
DRAWING 14

Historic campus core.







EXISTING CONTEXT

SCALE: 1:1000 0' 250' 500' 1000'

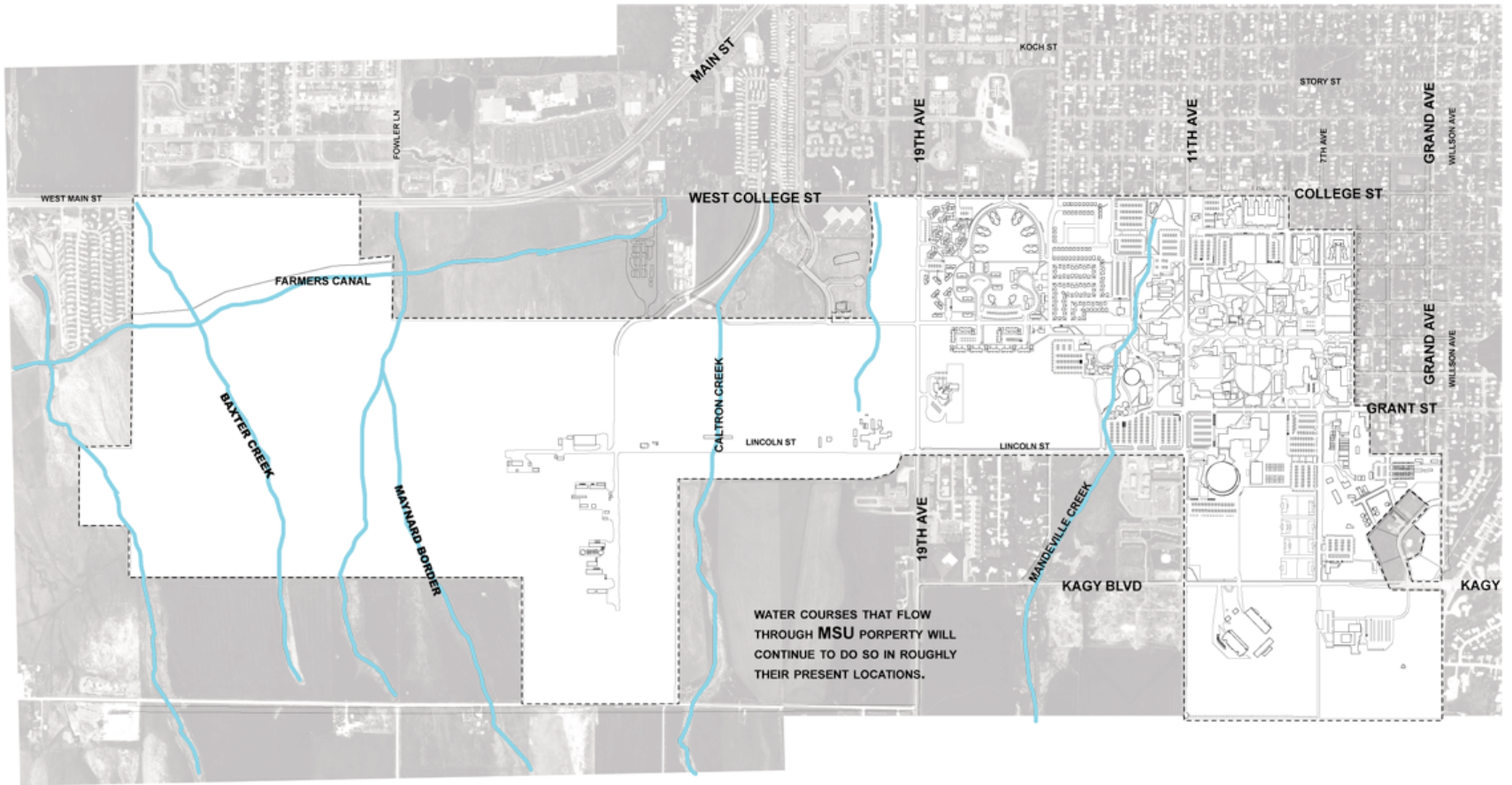


PEDESTRIAN CIRCULATION VEHICULAR PARKING

SCALE: 1:600 0' 150' 300' 600'

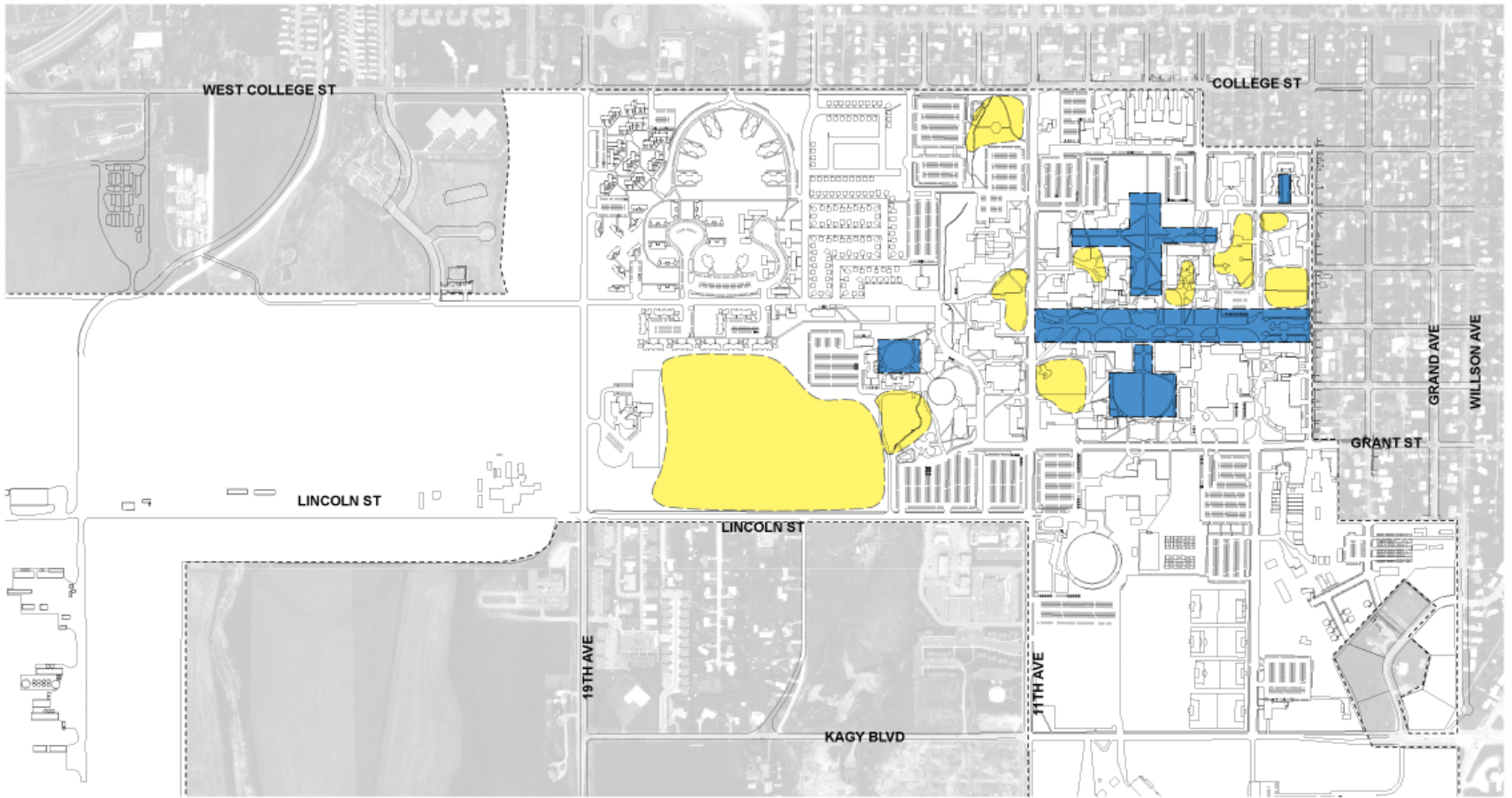
-  MAJOR PEDESTRIAN PATHS
-  MINOR PEDESTRIAN PATHS
-  SURFACE PARKING
-  MAIN VEHICULAR ACCESS





WATER COURSES

SCALE: 1:1000 0' 250' 500' 1000'



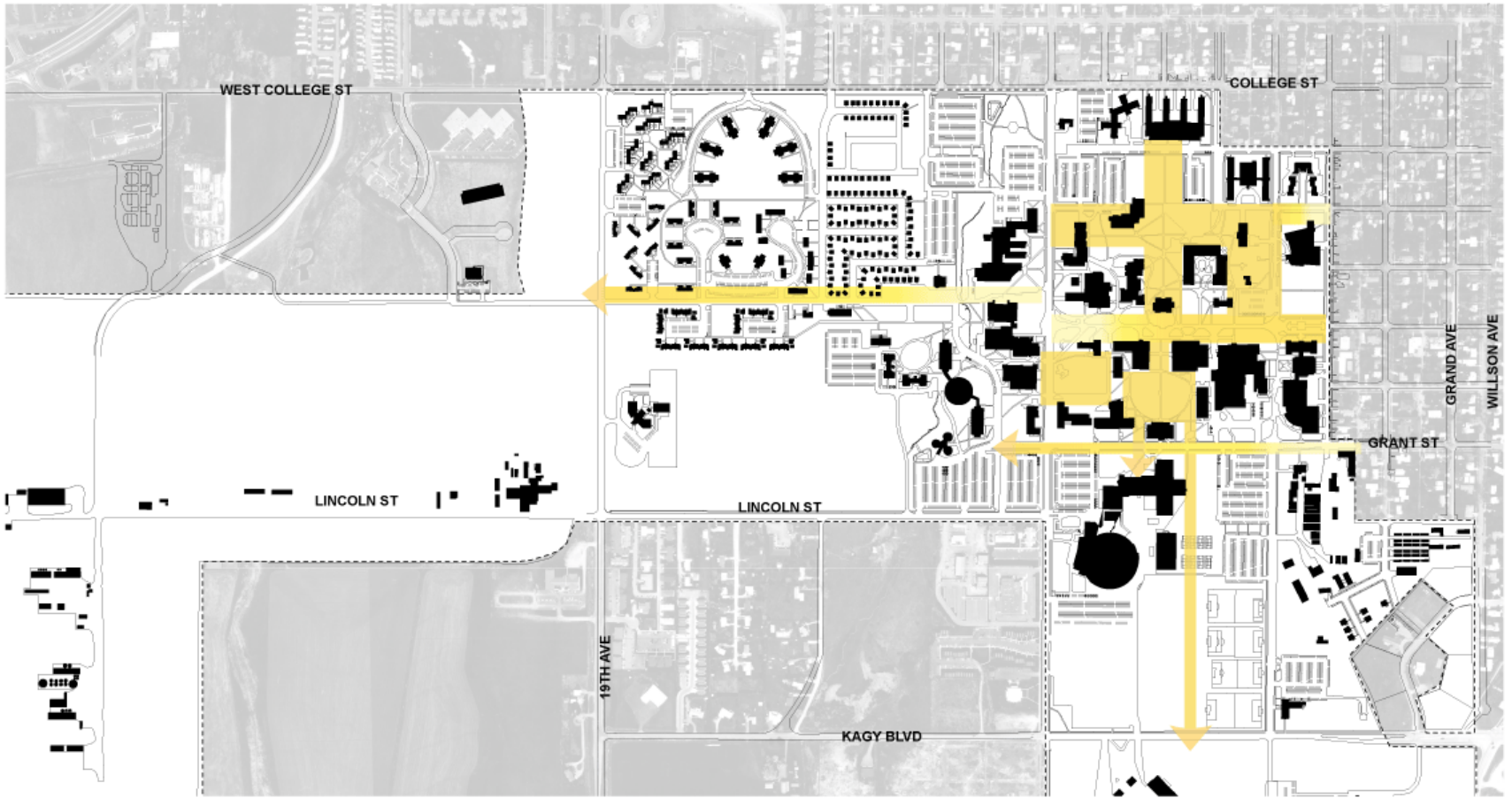
SIGNIFICANT INFORMAL OPEN SPACE

SCALE: 1:600

0' 150' 300' 600'

- FORMAL
- INFORMAL



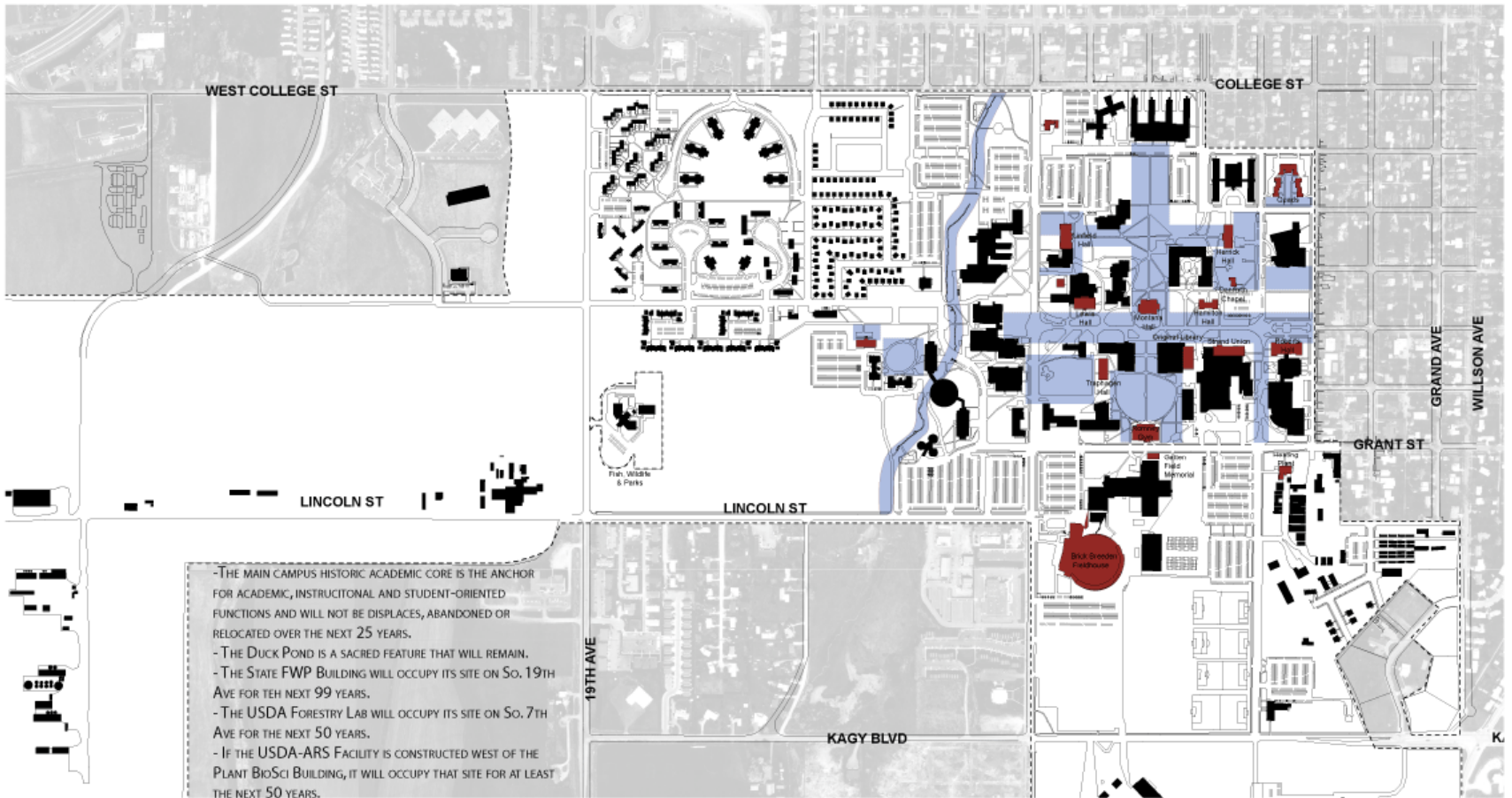


SPATIAL LINKAGES

SCALE: 1:600
 0' 150' 300' 600'

- SPATIAL CORRIDORS AND EXTERIOR ROOMS
- EXISTING BUILDINGS





SIGNIFICANT FEATURES

SCALE: 1:600
 0' 150' 300' 600'

- SIGNIFICANT OPEN SPACE
- SIGNIFICANT BUILDING
- EXISTING BUILDING



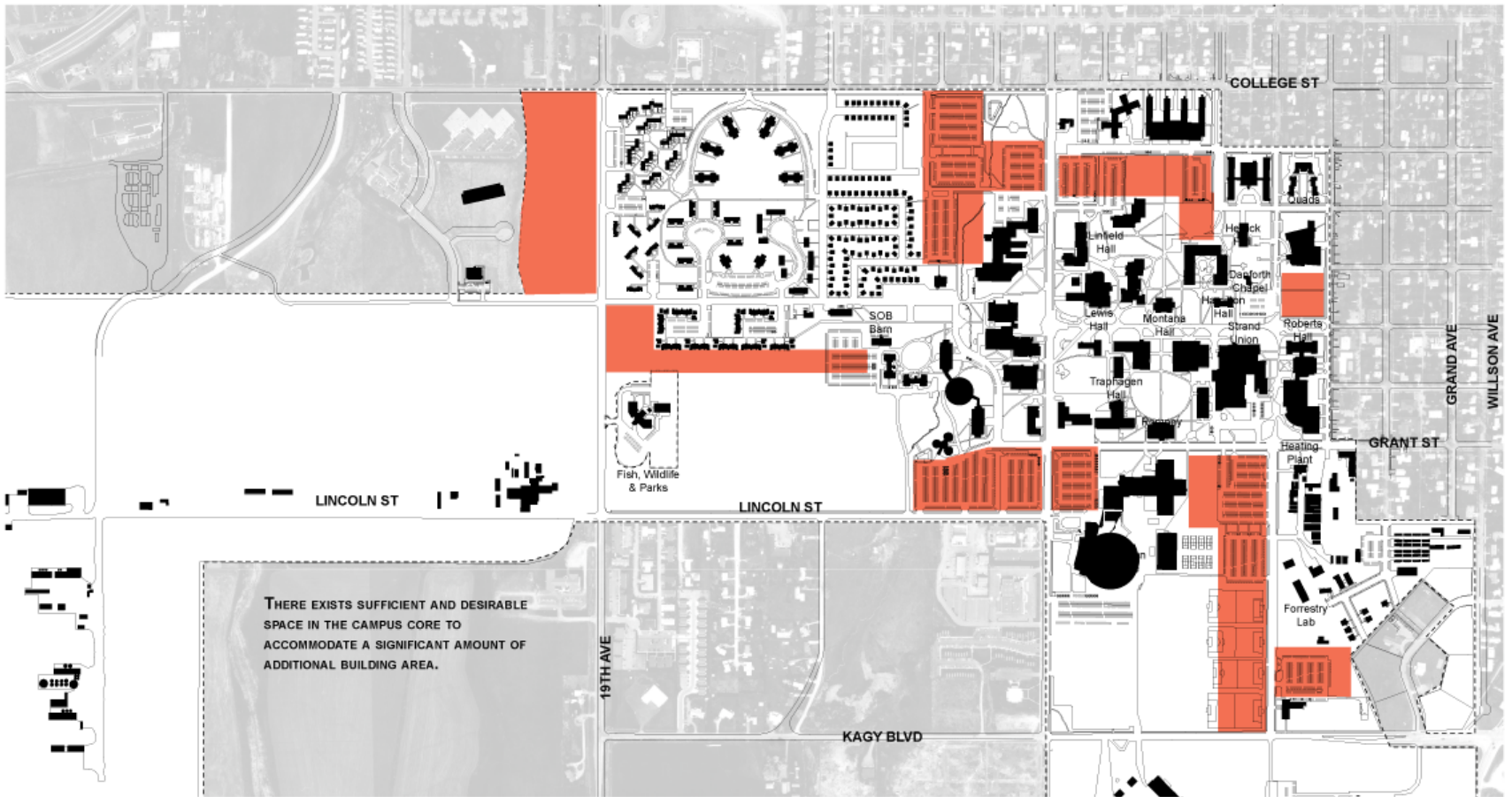


EXPENDABLE BUILDINGS

SCALE: 1:1000

0' 250' 500' 1000'

- EXISTING BUILDINGS
- EXPENDABLE BUILDINGS

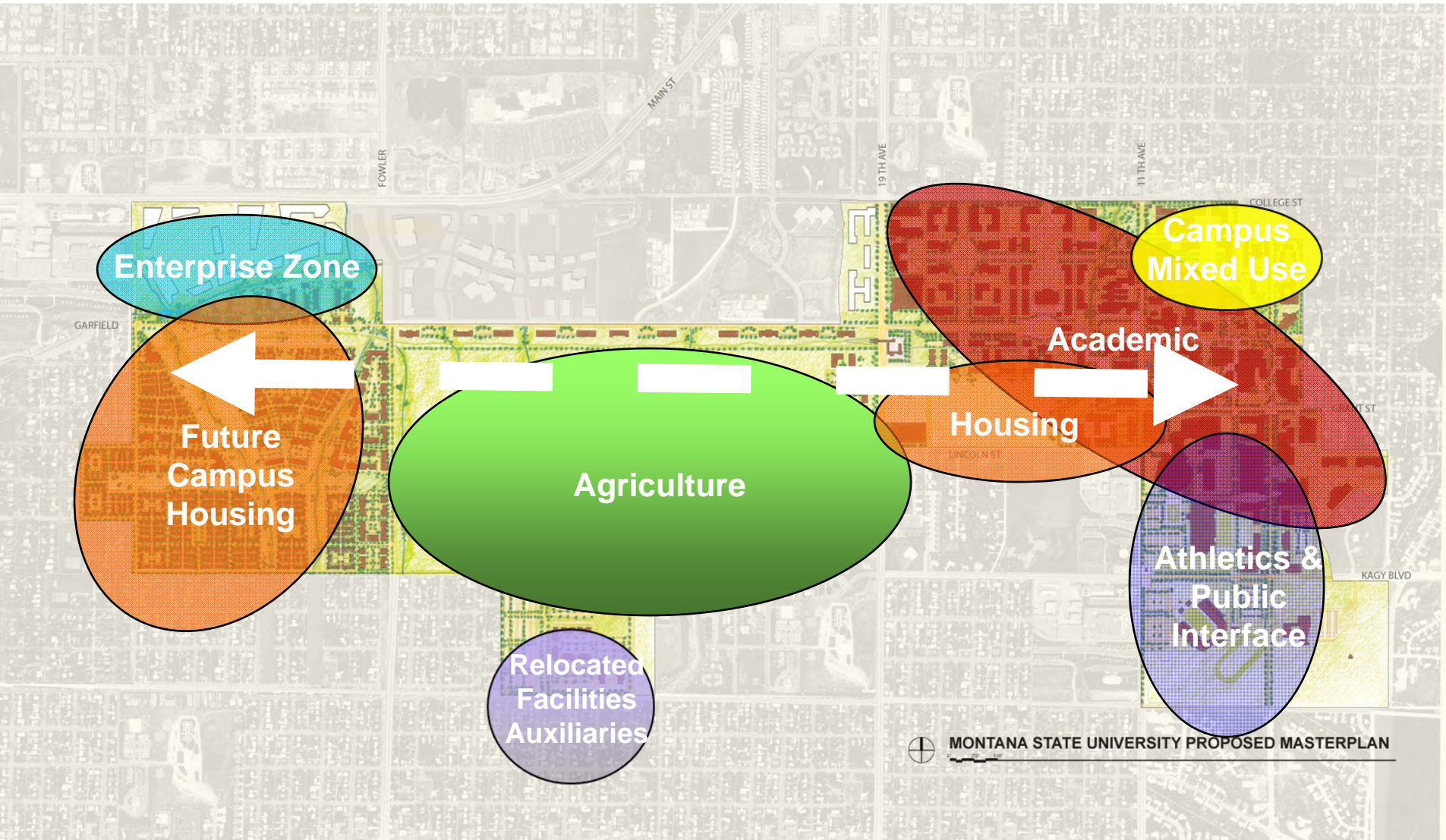


POTENTIAL BUILD-OUT IN CORE, NO DEMO REQ.

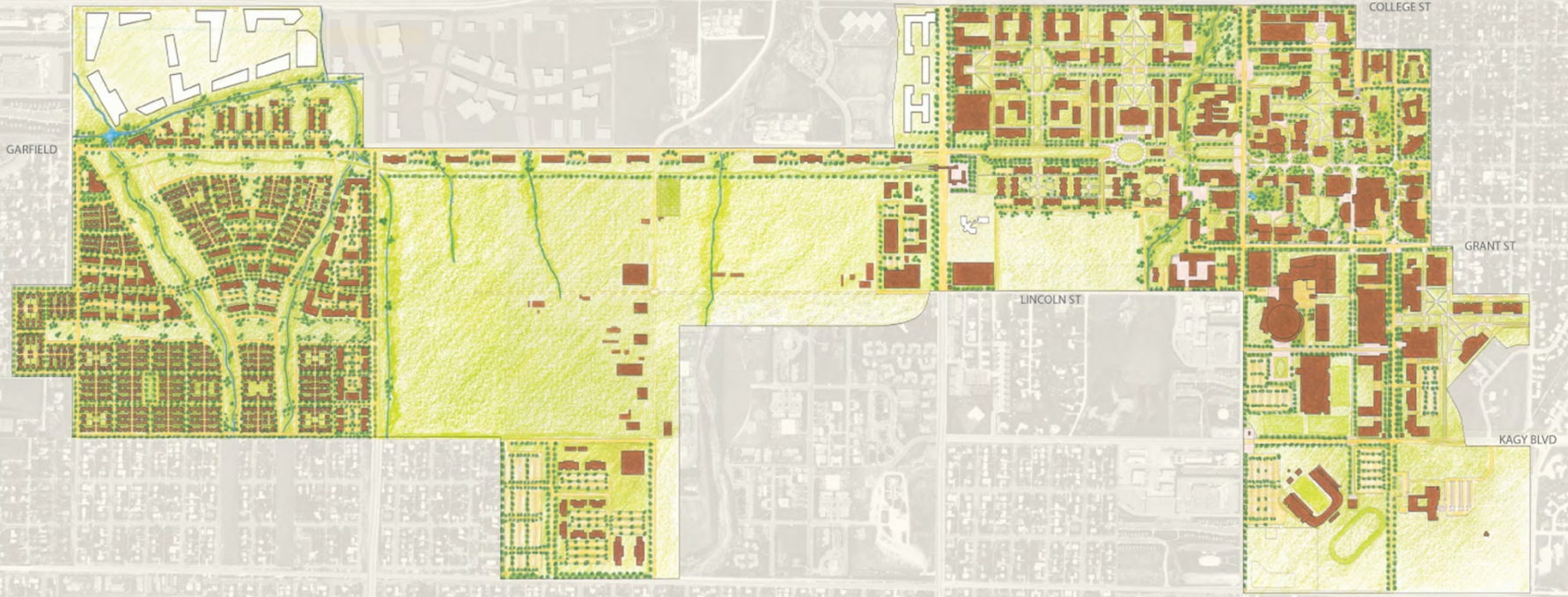
SCALE: 1:600
 0' 150' 300' 600'

- BUILDING SITES
- EXISTING BLDG



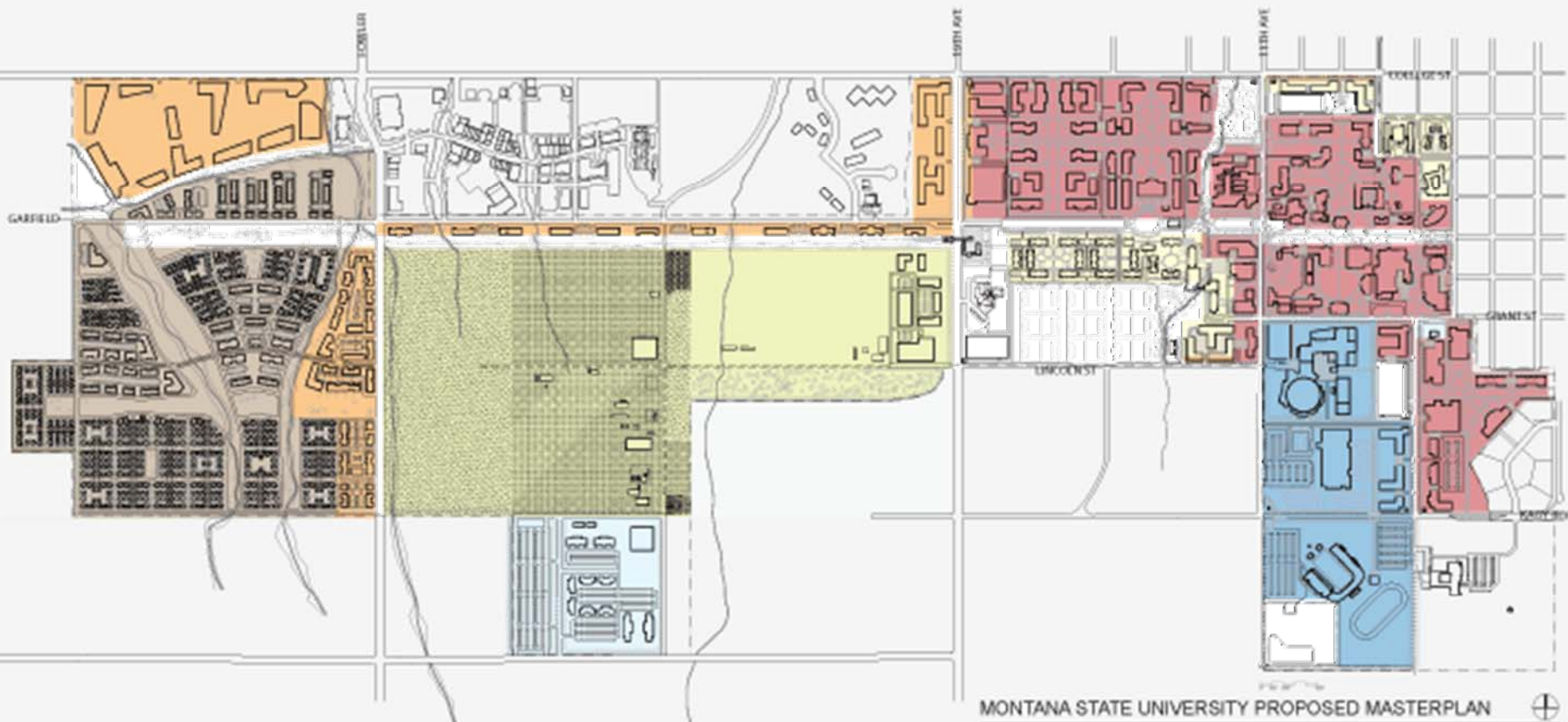


THE PLAN



MONTANA STATE UNIVERSITY PROPOSED MASTERPLAN

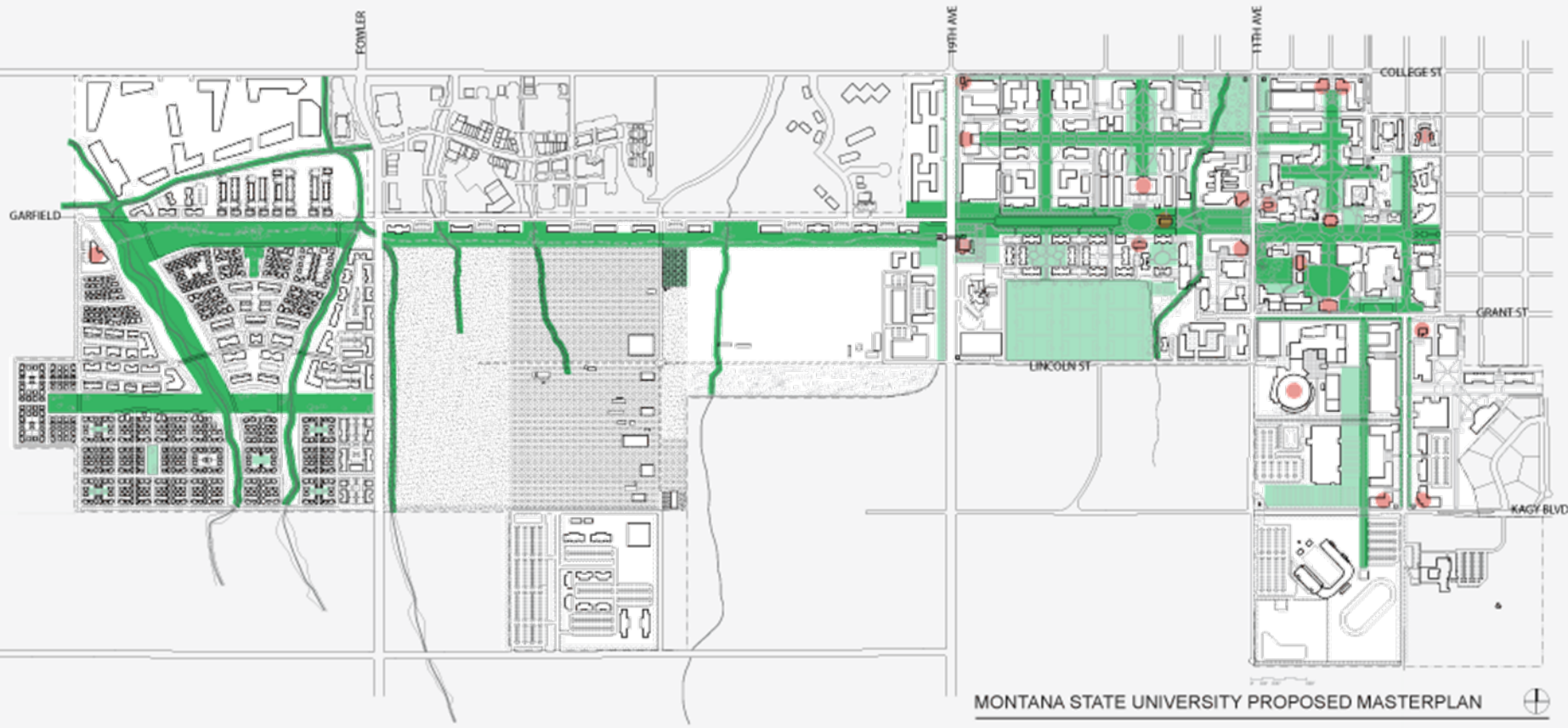
75 Year Plan



MONTANA STATE UNIVERSITY PROPOSED MASTERPLAN

USE DIAGRAM

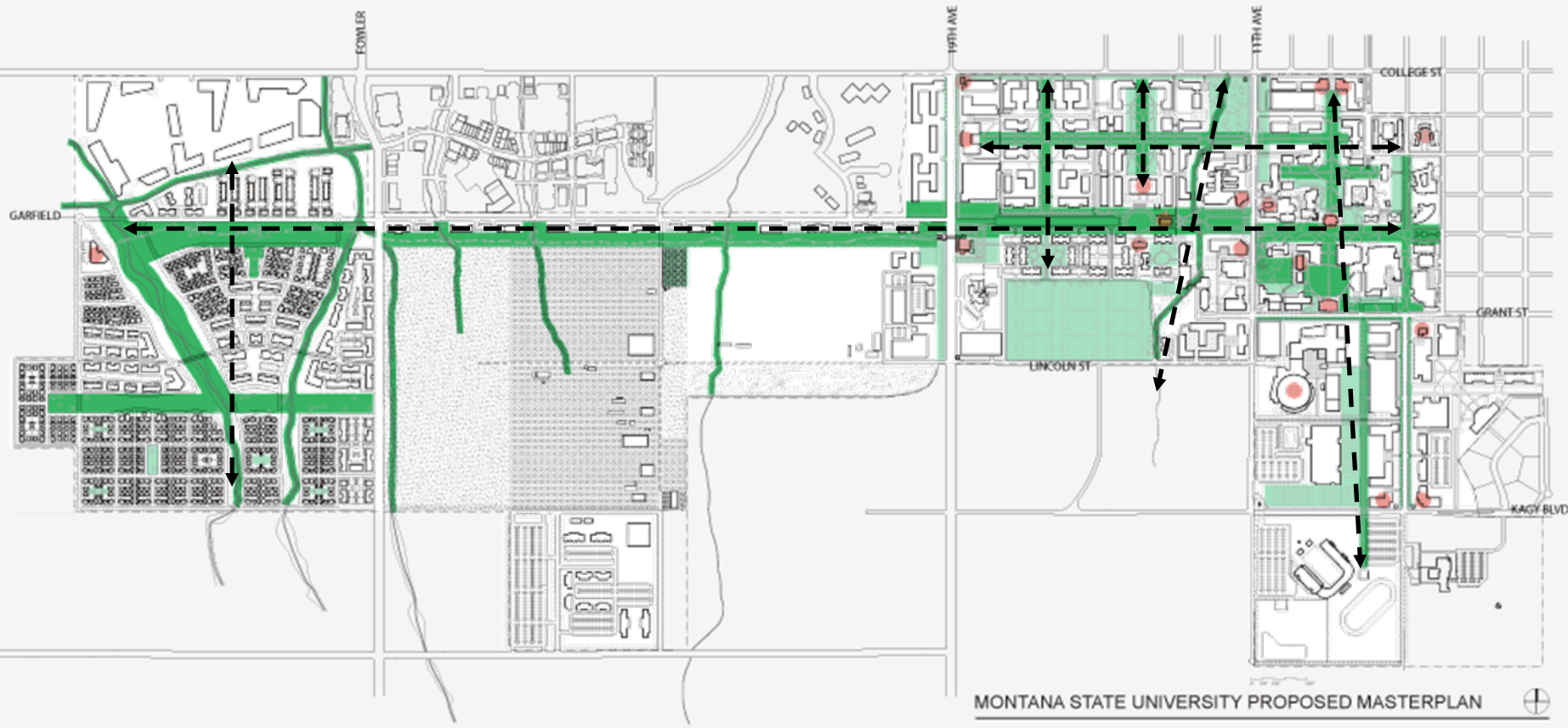
- | | |
|---|--|
|  Agriculture |  Athletics & Related Student Services |
|  Facilities Services |  Enterprise Zone |
|  Academic & Student Services |  Traditional Student Housing |
| |  Non-Traditional Student, Faculty & Staff |



OPEN SPACE NETWORK

- Outdoor Spaces
- Formal Outdoor Spaces
- Special Spaces

← - - - - - → Pedestrian Circulation

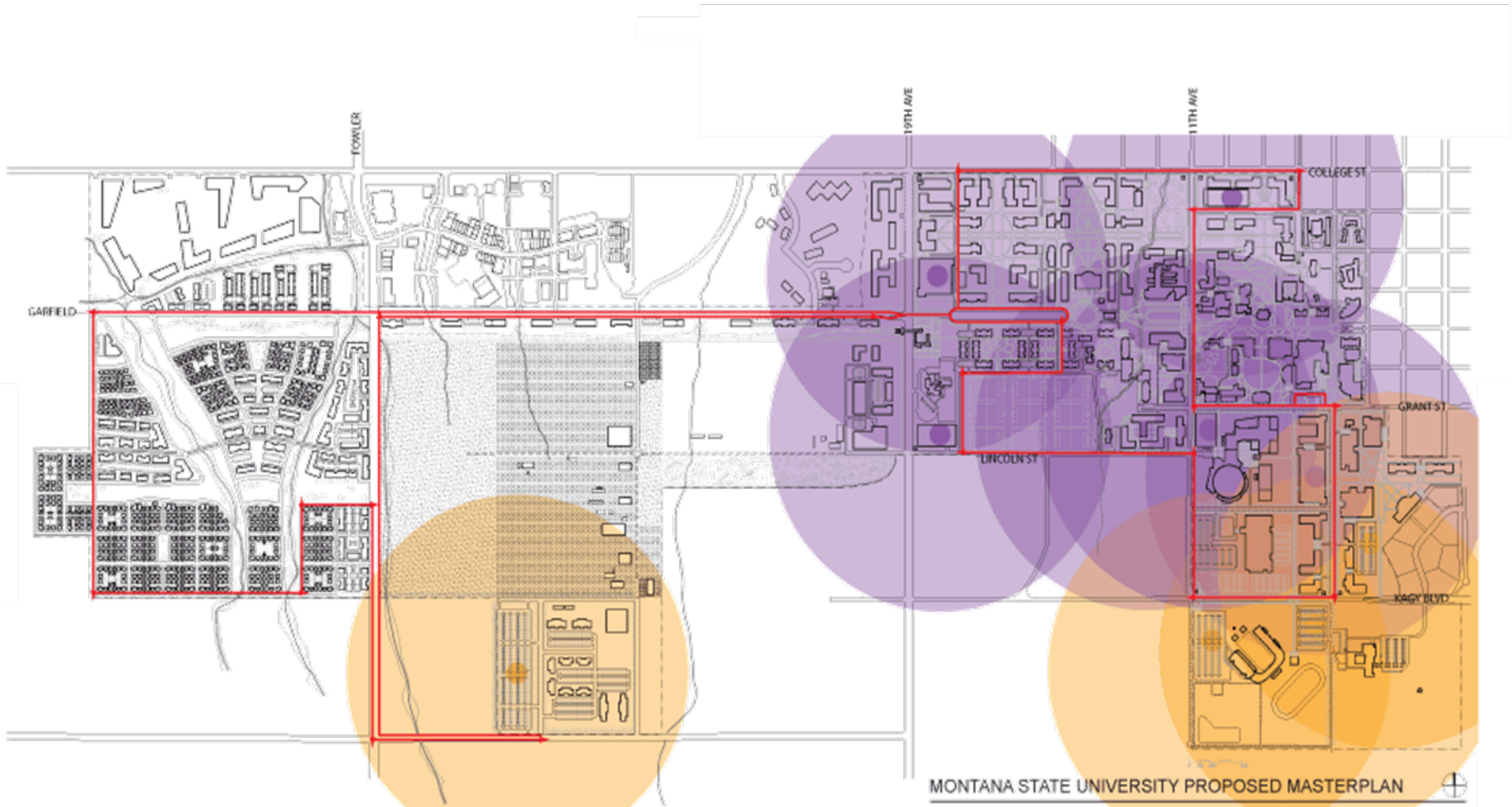


MONTANA STATE UNIVERSITY PROPOSED MASTERPLAN

OPEN SPACE NETWORK

- Outdoor Spaces
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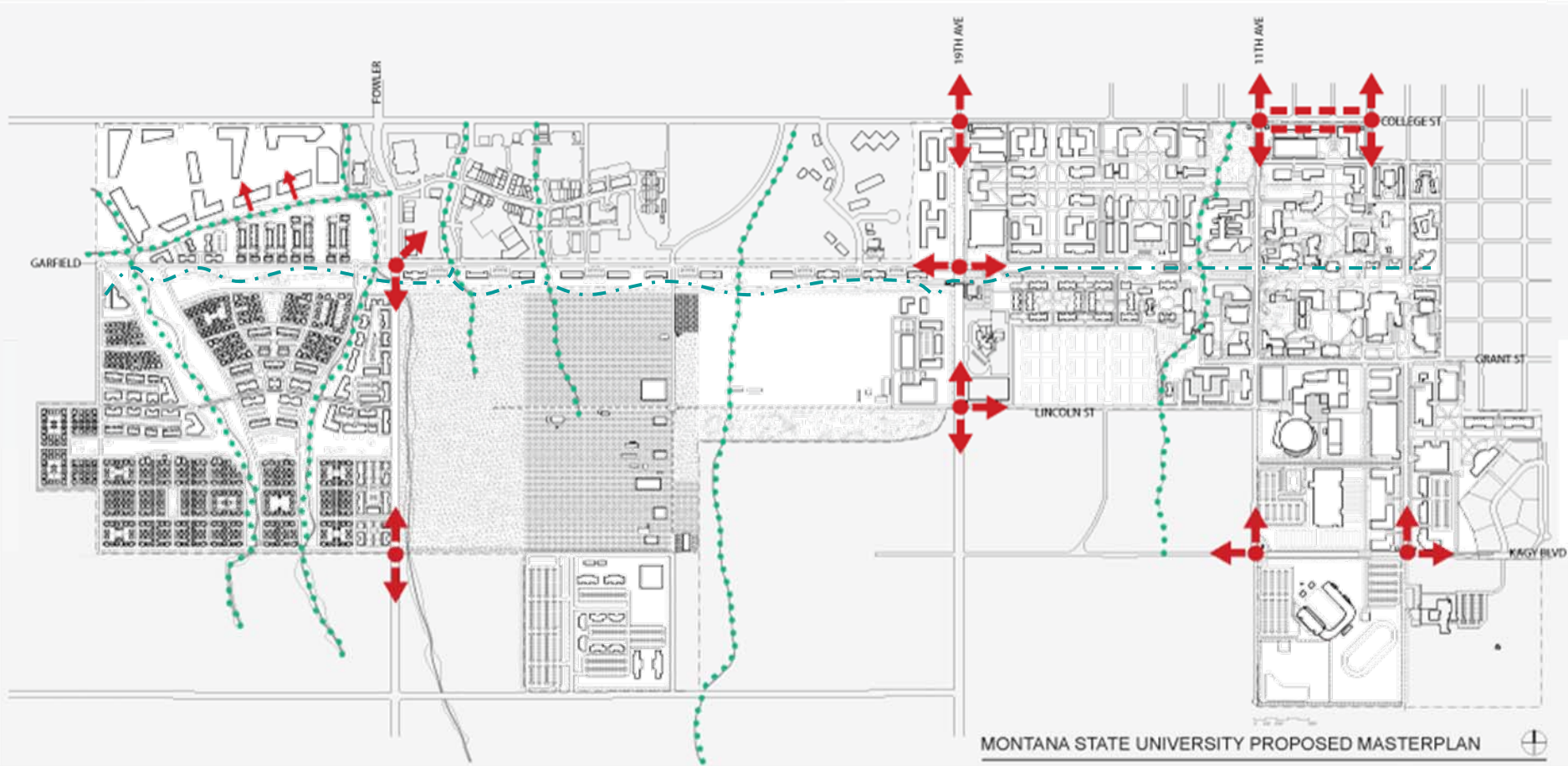
← - - - - - → Pedestrian Circulation



MONTANA STATE UNIVERSITY PROPOSED MASTERPLAN

PARKING AND WALKING DISTANCE

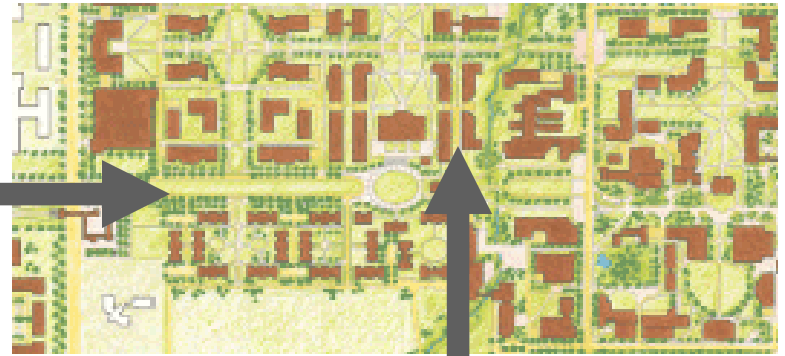
- Parking Lot 5 Minute Walk
- Parking Garage 5 Minute Walk
- Shuttle Route



MONTANA STATE UNIVERSITY PROPOSED MASTERPLAN

COMMUNITY LINKAGE DIAGRAM

-  Linkage Zone
-  Community Linkages
-  Trails

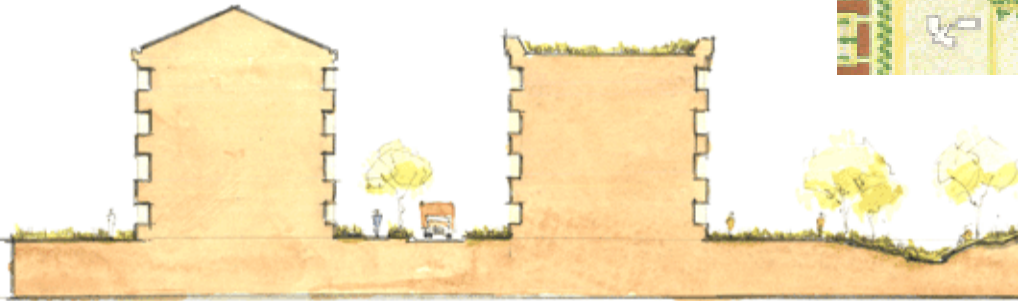


B

A

A

Academic Building Types



Photovoltaics on south facing roofs

Sloped roofs harvest water

Pedestrian walk

Service drive

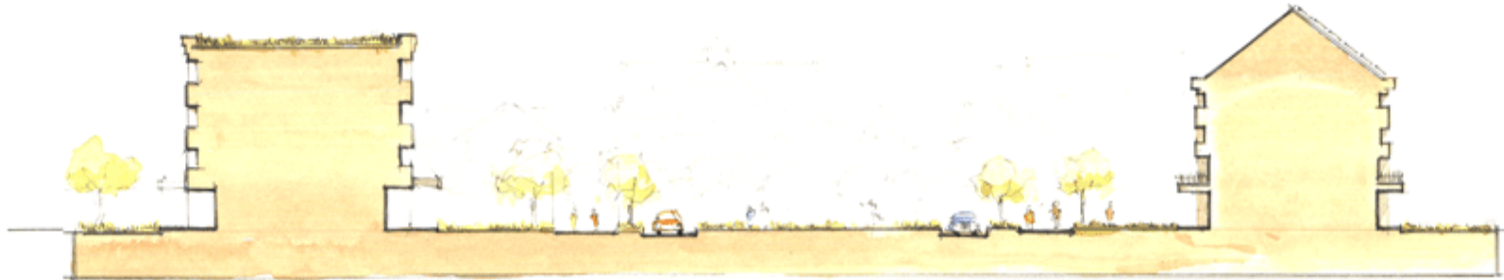
Green roof

Creek

ACADEMIC BUILDING TYPES

B

Main Entry Greenway Mall



MAIN ENTRY WAY MALL

Academic courtyards

Academic and mixed Green roof

Pedestrian/bike

Westbound Garfield

Greenway mall

Eastbound Garfield

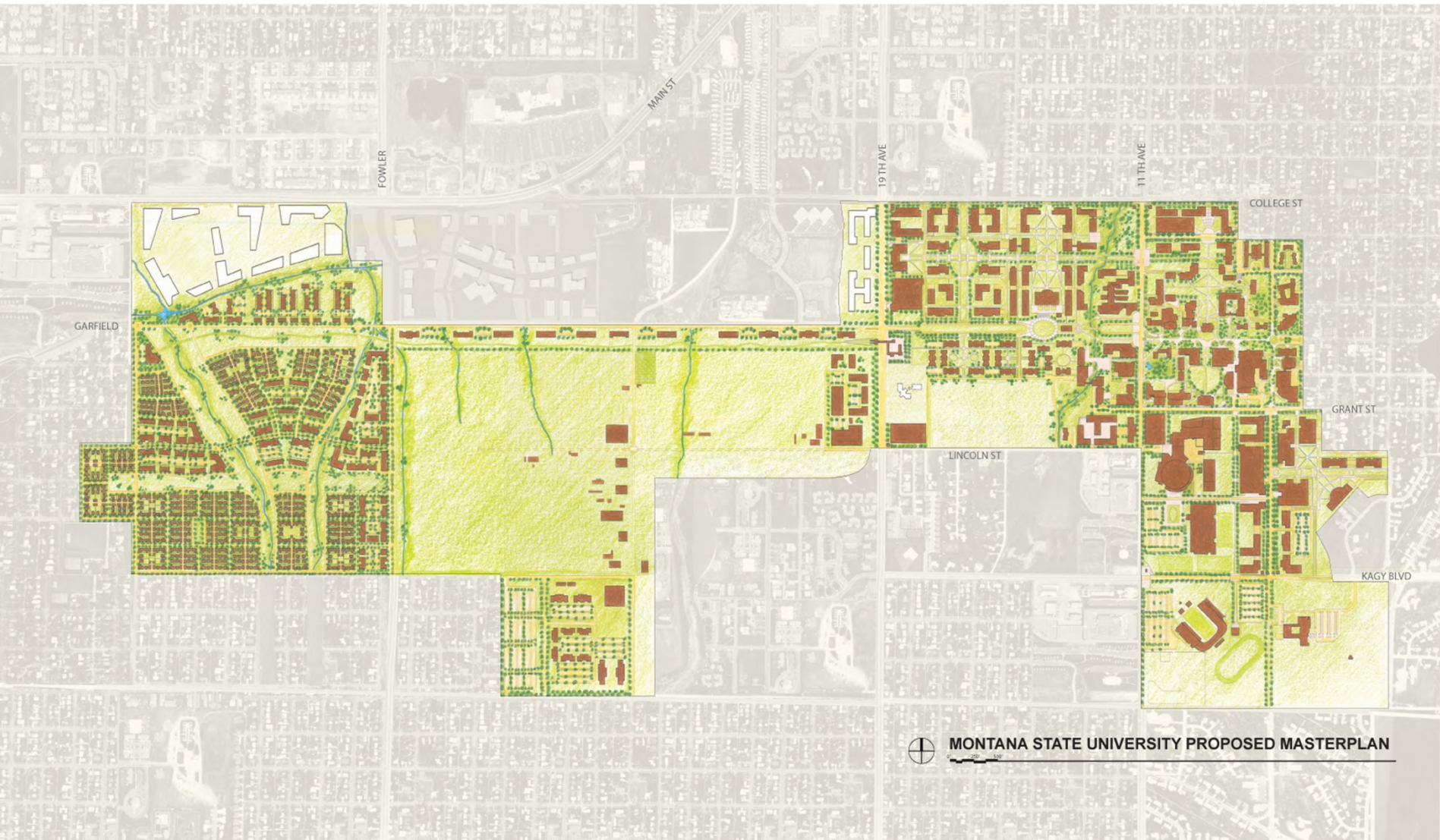
Pedestrian/bike

Housing

Photovoltaics on south facing roofs.

Sloped roofs harvest water.

Housing courtyards





Proposed
DRAWING 11

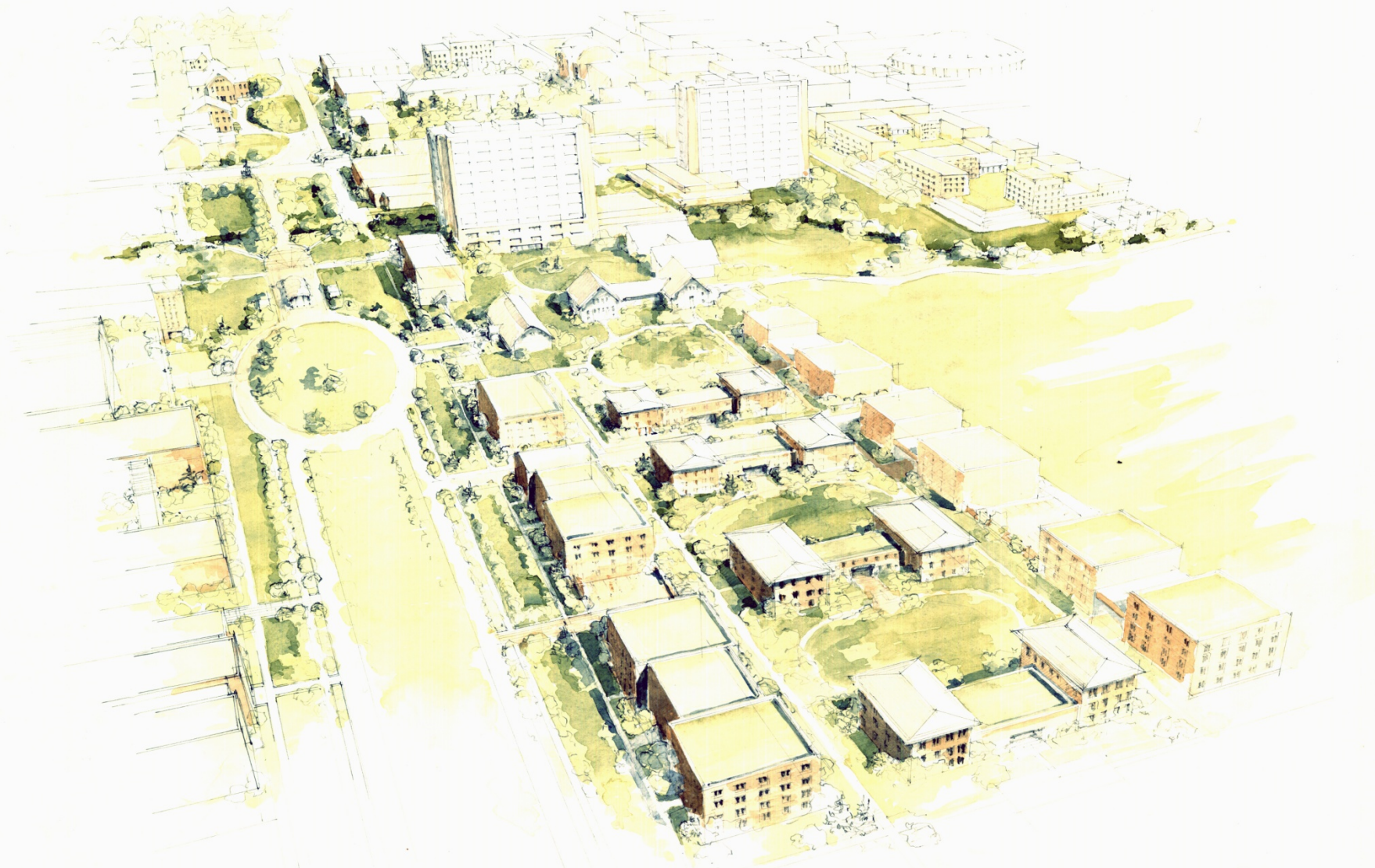
Entry greenway to historical
campus core from College Street.





Proposed
DRAWING 3

19th Street gateway and pedestrian bridge.



Aerial View Looking Eastward Along Garfield Mall











Proposed
DRAWING 7

Character of interior campus roadways.



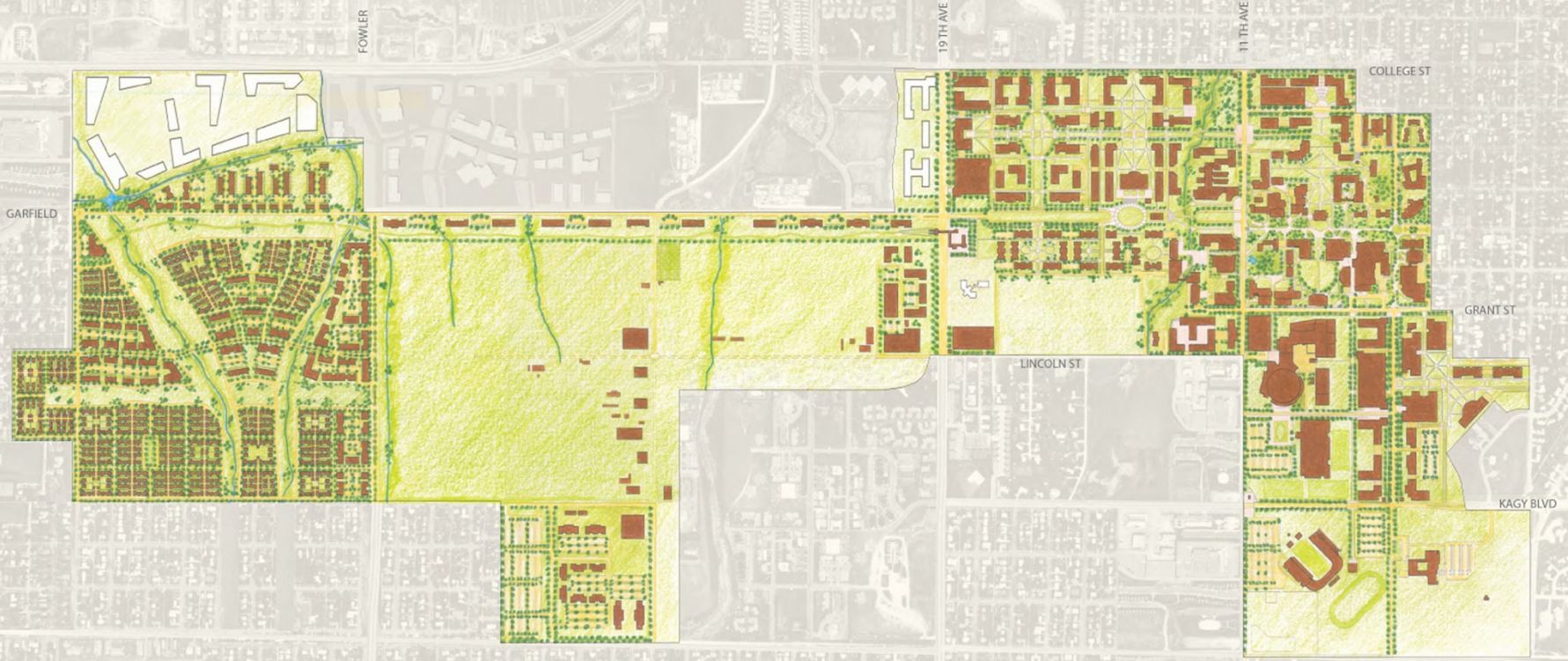




Proposed
DRAWING 6

Mandeville Creek terrace.

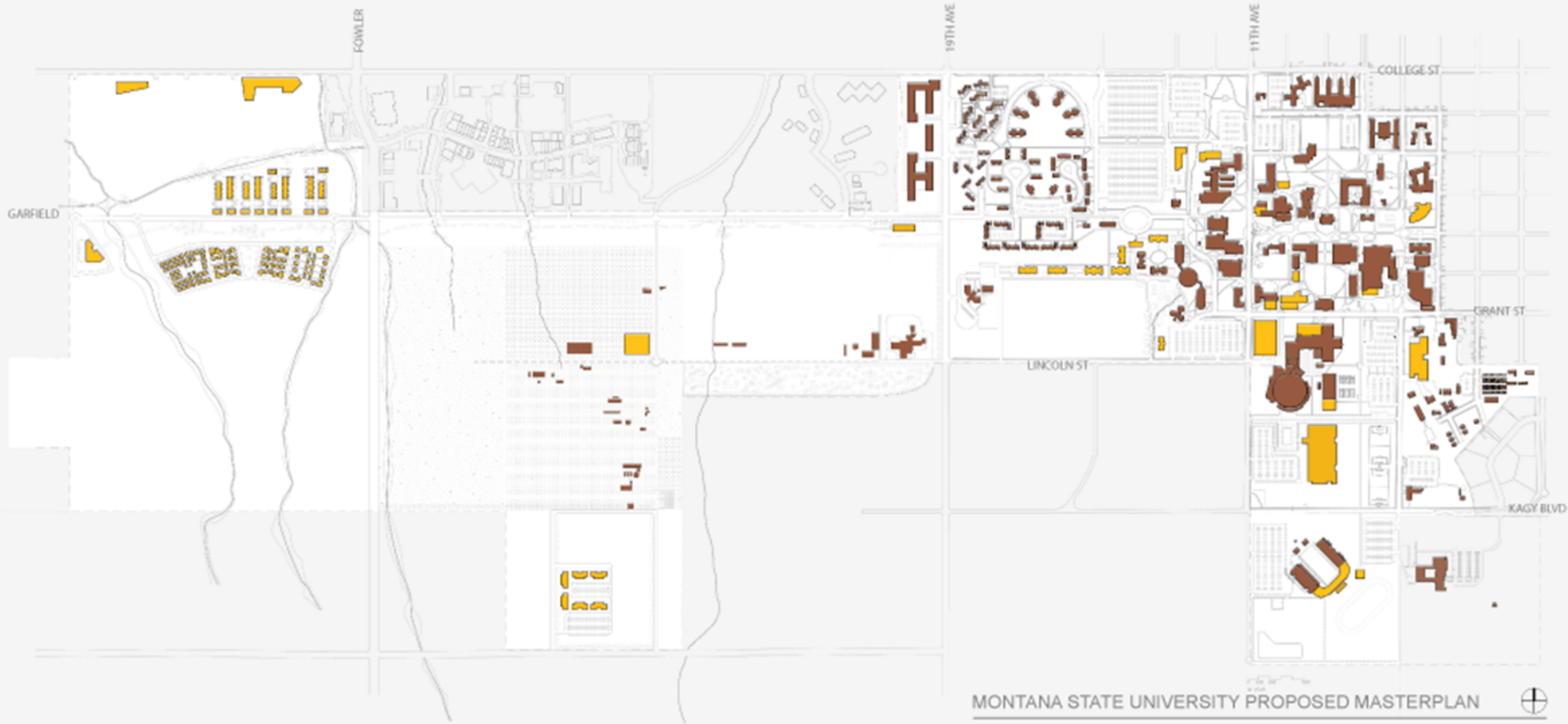
The Plan



MONTANA STATE UNIVERSITY PROPOSED MASTERPLAN

75 Year Plan

10 YEAR PLAN

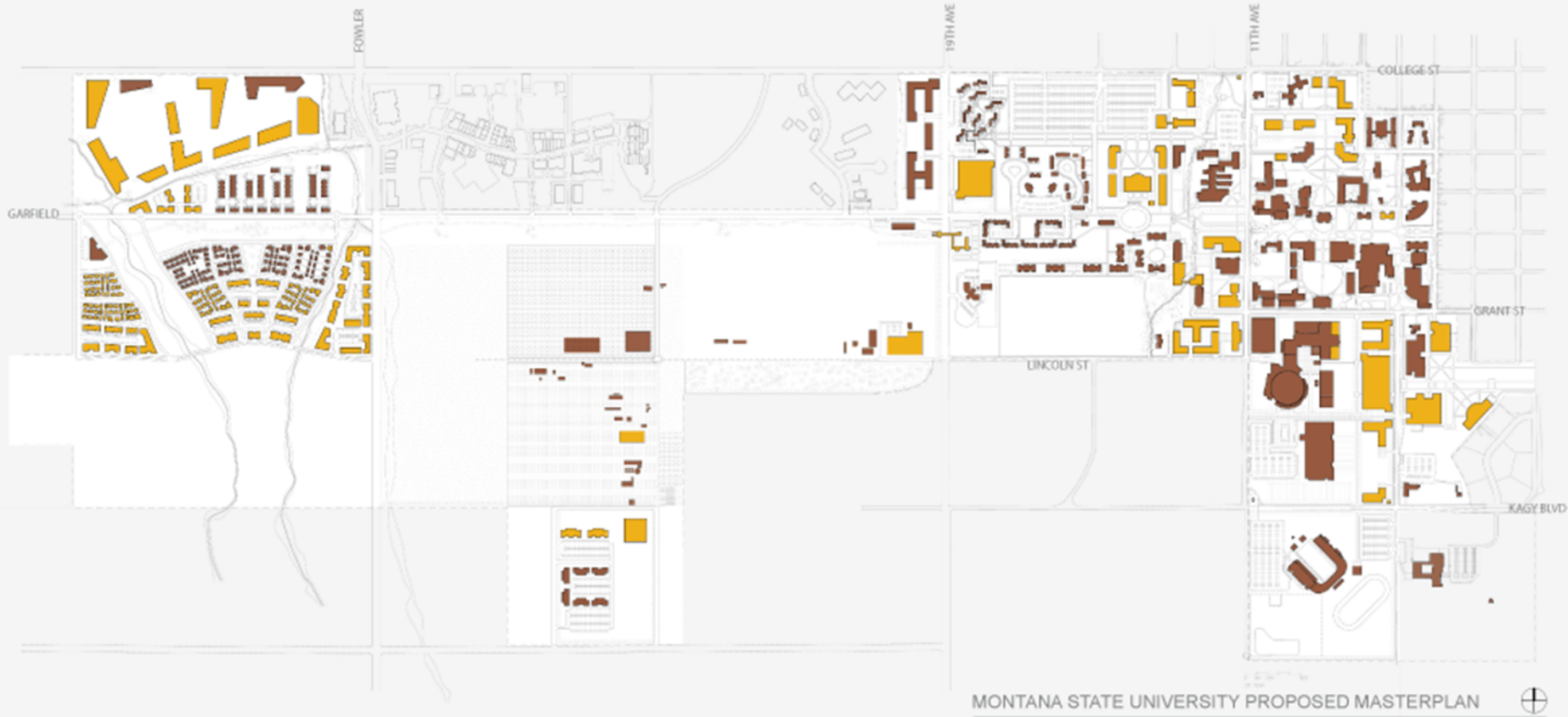


MONTANA STATE UNIVERSITY PROPOSED MASTERPLAN

10 YEAR PROJECTED BUILD OUT

- Existing Building
- New Building

25 YEAR PLAN



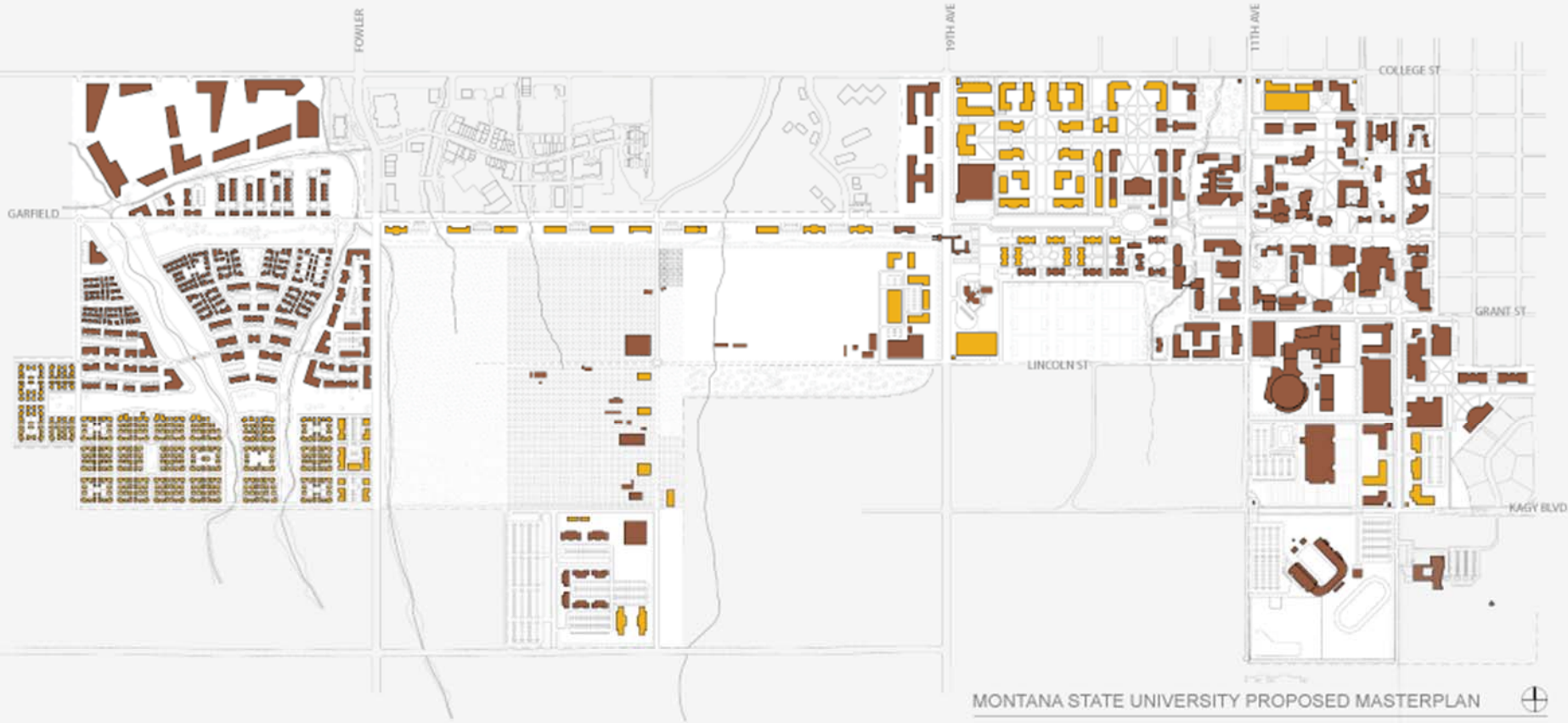
MONTANA STATE UNIVERSITY PROPOSED MASTERPLAN



25 YEAR PROJECTED BUILD OUT

-  Existing Building
-  New Building

75 YEAR PLAN



MONTANA STATE UNIVERSITY PROPOSED MASTERPLAN

FINAL PROJECTED BUILD OUT

- Existing Building
- New Building

THANK YOU

www.montana.edu/msutomorrow