

Why is a Facilities Master Important

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Vice President

Facilities Operations

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Introduction



Jennie Bartholomew

- BS, IE
- MBA, Executive Leadership
- Nebraska native
- 21 years on campus

Leadership Journey

- NM Management Engineer and Six Sigma Green Belt
- NM Process Outcomes Specialist
- NM Facilities Planning Engineer
- NM Facilities Planning Manager
- NM/UNMC Facilities Planning Director
- NM/UNMC Facilities Planning Executive Director
- Current role

Development

- Leadership Omaha
- Internal development programs
- Formal/informal mentoring



Facilities Support Services

- Responsible for all UNMC/Nebraska Medicine locations (estimated 12M sq ft)
- Strategic investment decision support
- Real estate development
- Planning, design, and construction
- Daily maintenance and operations
- Utility plant
- Environmental services
- Healthcare regulatory compliance
- Food Services
- Sustainability



Campus Growth

1959



1979



Campus Growth

1998



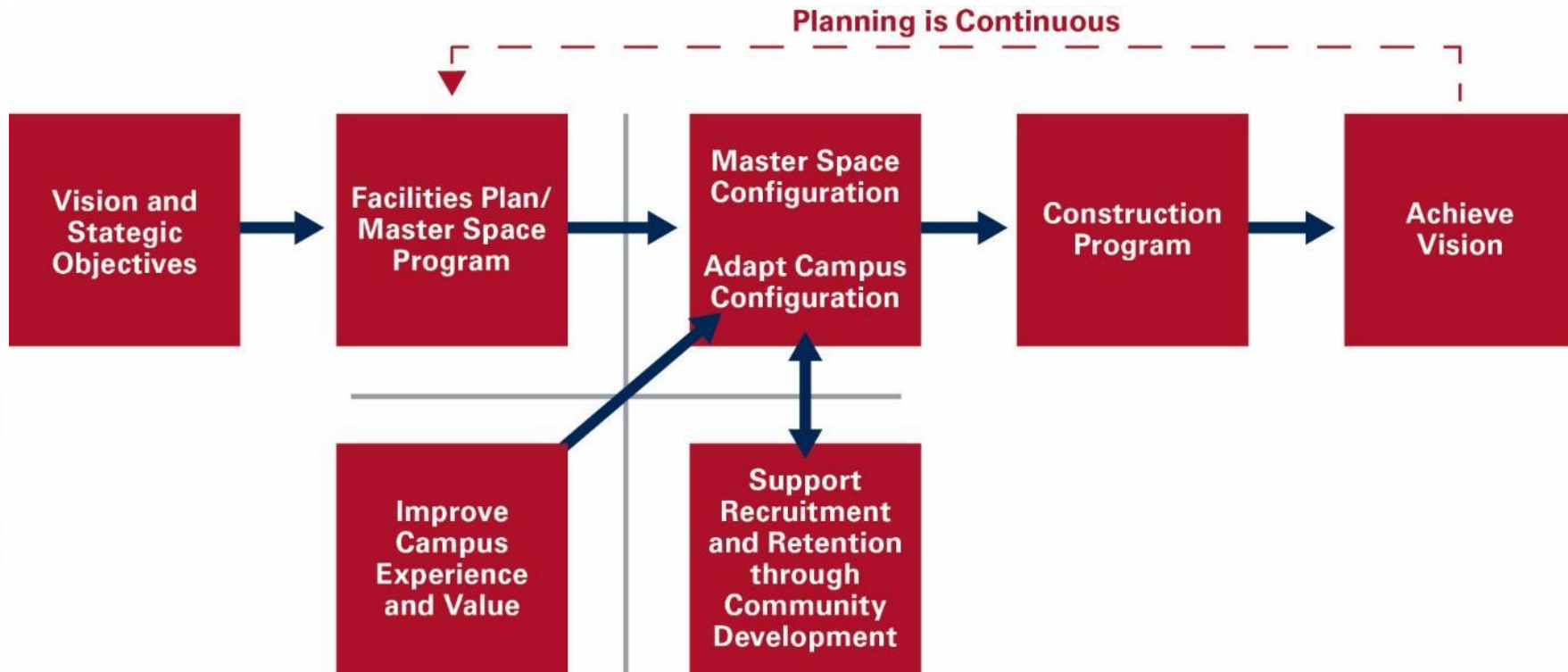
2009



2017



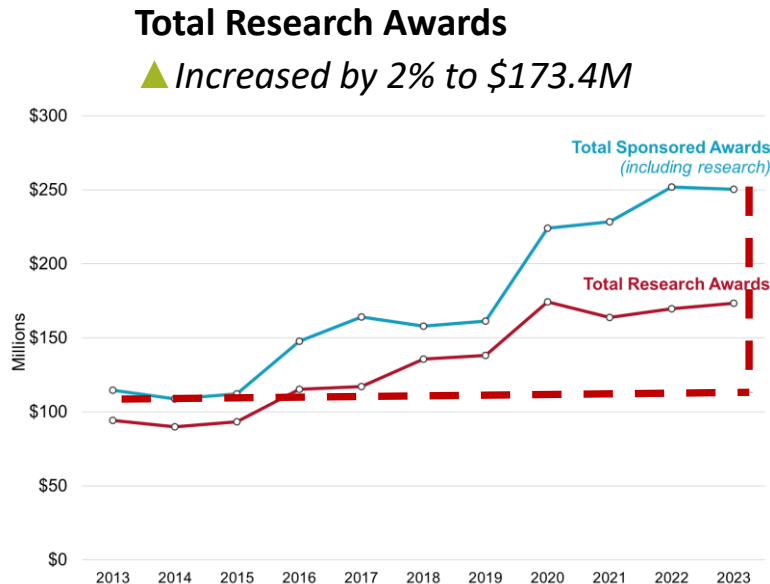
Master Planning



Research – Growth Data

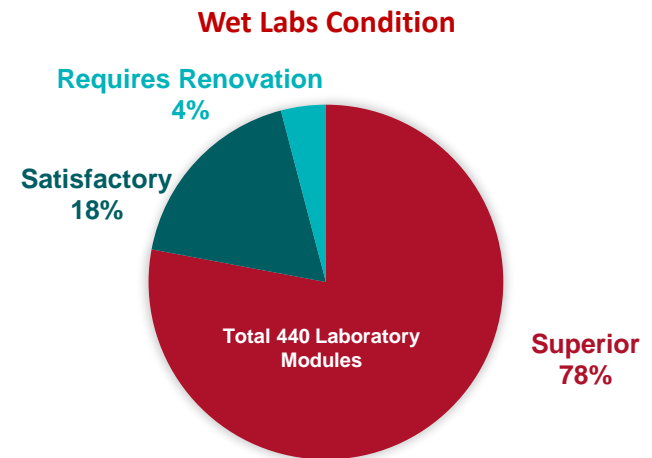
Based on 2023 Plan

- Analyzed funded research programs
- Studied current lab conditions



Total Sponsored Awards

■ Reached \$250.4M / year



*Does not include core laboratories

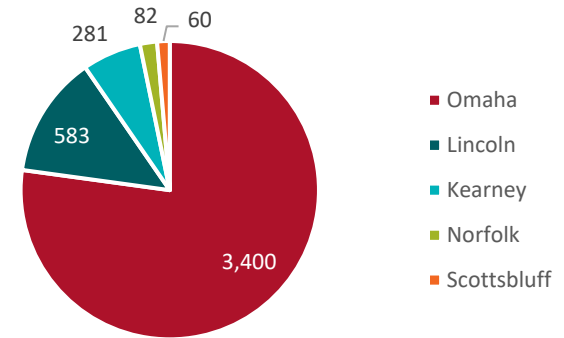
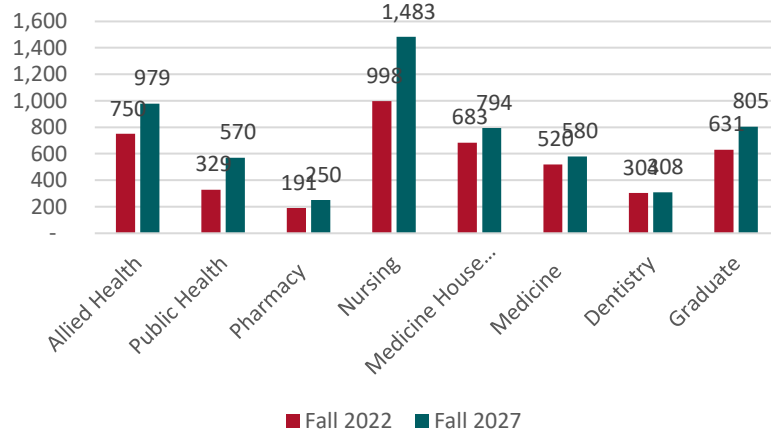


Educational – Growth Data

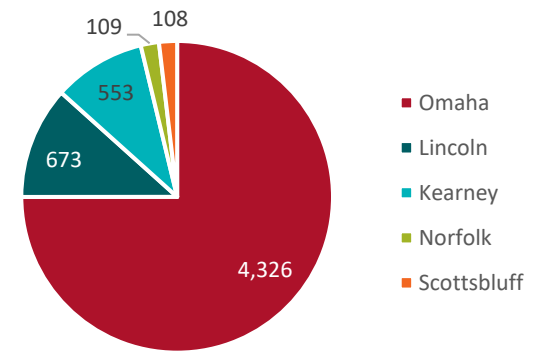
Based on 2023 Plan

- Captured current enrollment and projections
- Discussed future trends in pedagogy with Leadership
- Data collection on space utilization

Current and Projected Enrollment Data



Current Enrollment: 4,406



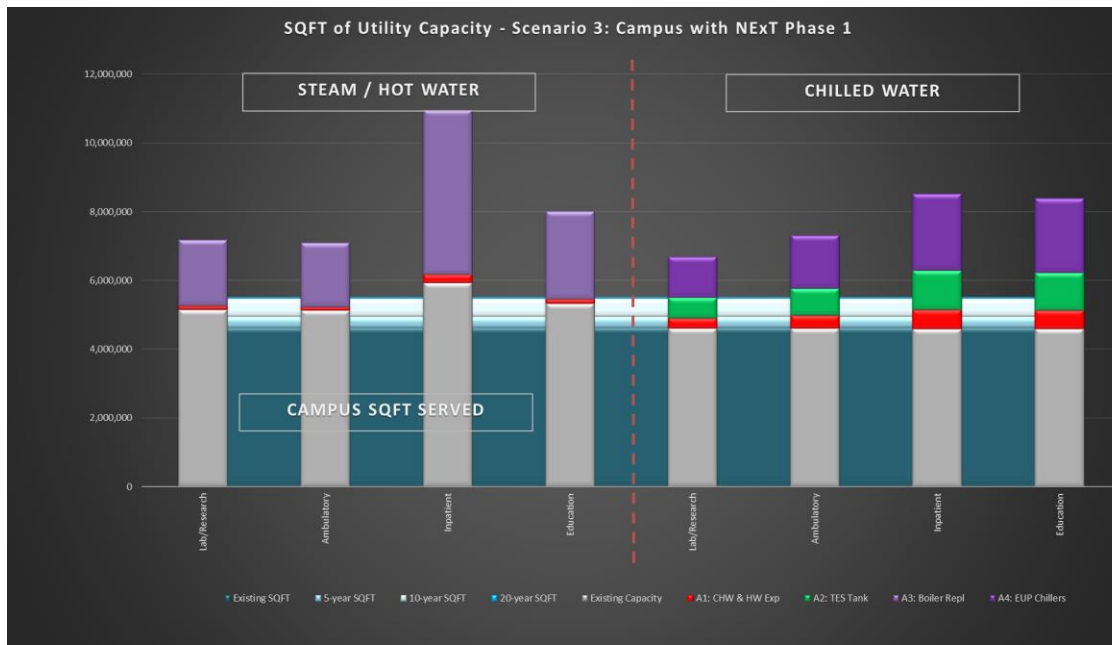
2027 Projected Enrollment: 5,769



Support Services – Utility Growth Data

Based on 2023 Plan

Utility Capacity



Current State: Capacity is adequate for current campus needs and existing square footage

Future State: As campus grows, additional utility capacity will be needed.



Multi-Modal Connectivity

Build Field Club / Lot 63 employee walkway, and campus gateway





New Focal Points

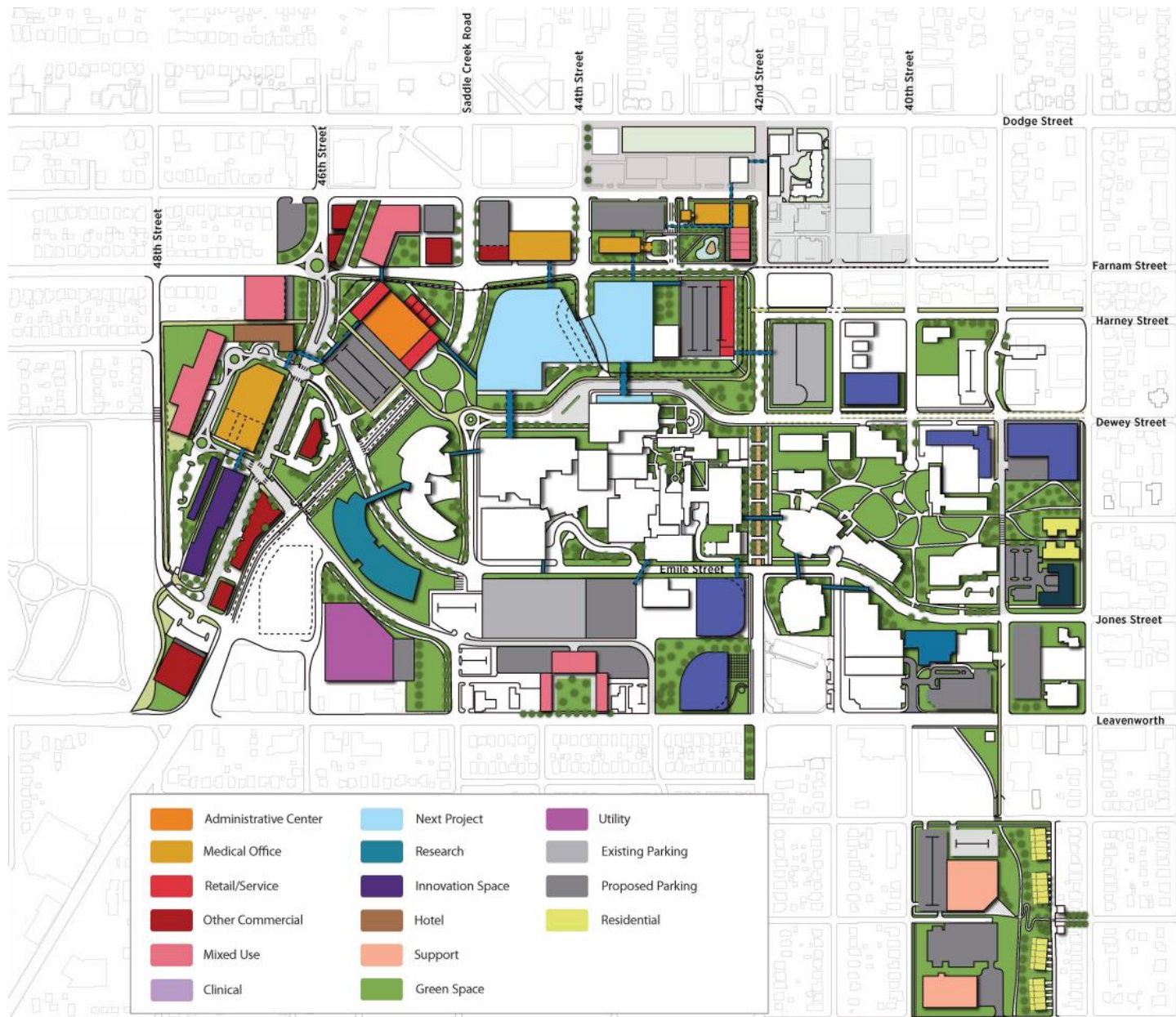
- **Security/Safety**
- **Wellness Necessities**
 - **Meditation/Interfaith Rooms**
 - Gender Neutral Restrooms
 - Mothers Rooms
- **Campus Support Necessities – Workplace Redesign**
 - **Small Group Collaboration Rooms**
 - **Provide alternative work environments to support hoteling and remote work and study needs**
 - **Unassigned multi-purpose rooms to facilitate impromptu consultations, HR meetings, etc.**
 - Eating and socialization space, lounge spaces
 - Satellite IT Support space near colleges as opposed to one hub
 - Support spaces (showers, lockers) to support folks arriving by active modes
 - **Acoustics**



Based on 2023 plan

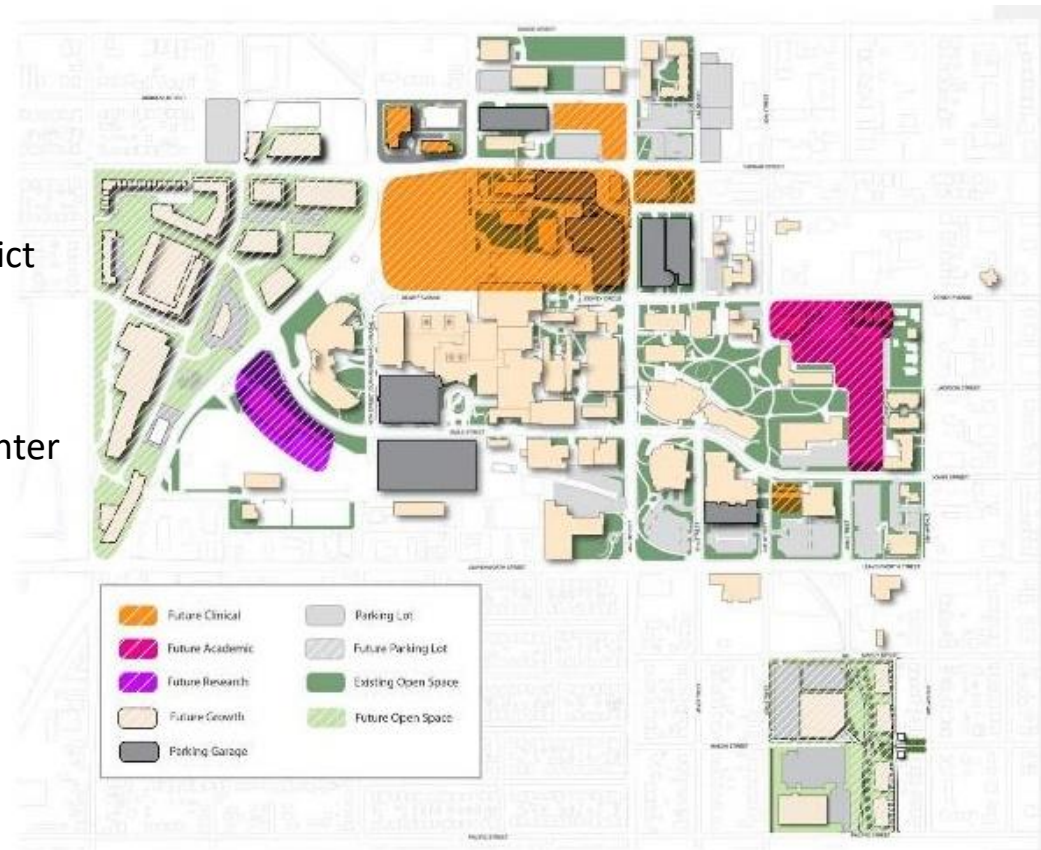


Future Campus Configuration

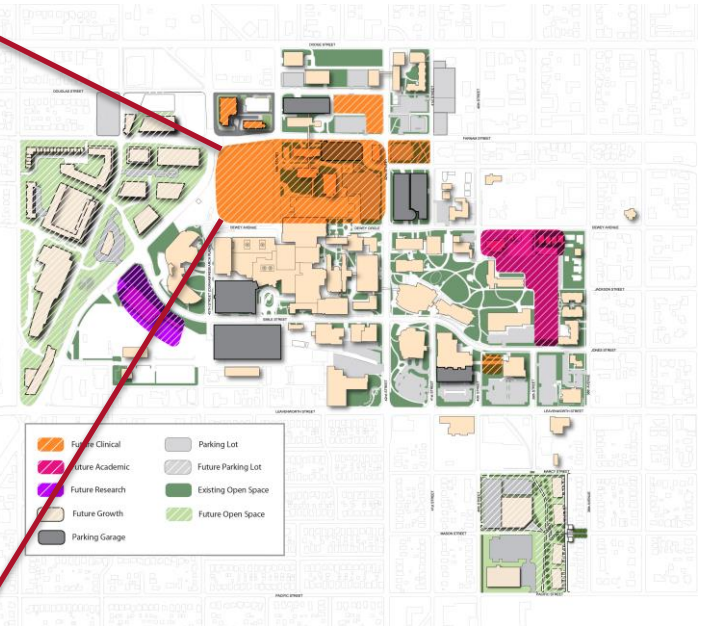


UNMC/Nebraska Medicine Five Year Priorities

- Clinical Teaching & Care
- Housing
- Saddle Creek Innovation District
- Utility Infrastructure
- Health Sciences Education Center
- Research Expansion



PROJECT **HEALTH** Location



PROJECT **HEALTH** Mission



Project Health will be a more efficient, coordinated and collaborative teaching hospital care model; support expanded education and research; and significantly enhance efficiency.



Concept Rendering

PROJECT **HEALTH**

Project Guiding Principles



1. **TRANSLATIONAL CARE**

In the setting of Medical Education and Research

Shaping the future of *care through flexible environments*. A nexus of patient, caregiver, *educator, researcher*, and community interaction and transformation.

EXPERIENCE

2. **Creatively Meeting Multi-functional Space Needs**

Transforming what a *hospital feels like*.

3. **COMMUNITY**

Designed to Invite the Outside In

Redefining the front door of the Nebraska Medical Center.

4. **DESIGN**

An Icon in the Community

The confluence of care, *research, and education*.

5. **SUSTAINABILITY**

Carbon Neutral and Living the Architecture 2030 Challenge

Healthier environments for healthier people and planet.

Housing Needs

Students

Demographics

- 516 respondents
- 80% from Omaha campus
- 18% don't pay rent

Preferred housing type

- 1 bedroom - 53.06% or 208 students
- 2 bedroom - 32.65% or 128 students

Timeframe needed

- Multi-year - 65.82% (258 students)
- 6-12 months - 33.16% (130 students)

House Officers

Demographics

- 180 respondents

Preferred housing type

- 1 bedroom – 51.65% (47)
- 2 bedroom – 31.87% (29)
- Larger – 16.48% (15)

Timeframe needed

- 46% more than 3 years

Post Doc

Demographics

- 82 respondents
- 85% current visa holders

Preferred housing type

- 1 bedroom – 52.17% (36)
- 2 bedroom – 42.03% (29)
- Larger – 1.45% (1)

Timeline needed

- 35% more than 3 years

Preferred monthly cost: \$500 - \$900

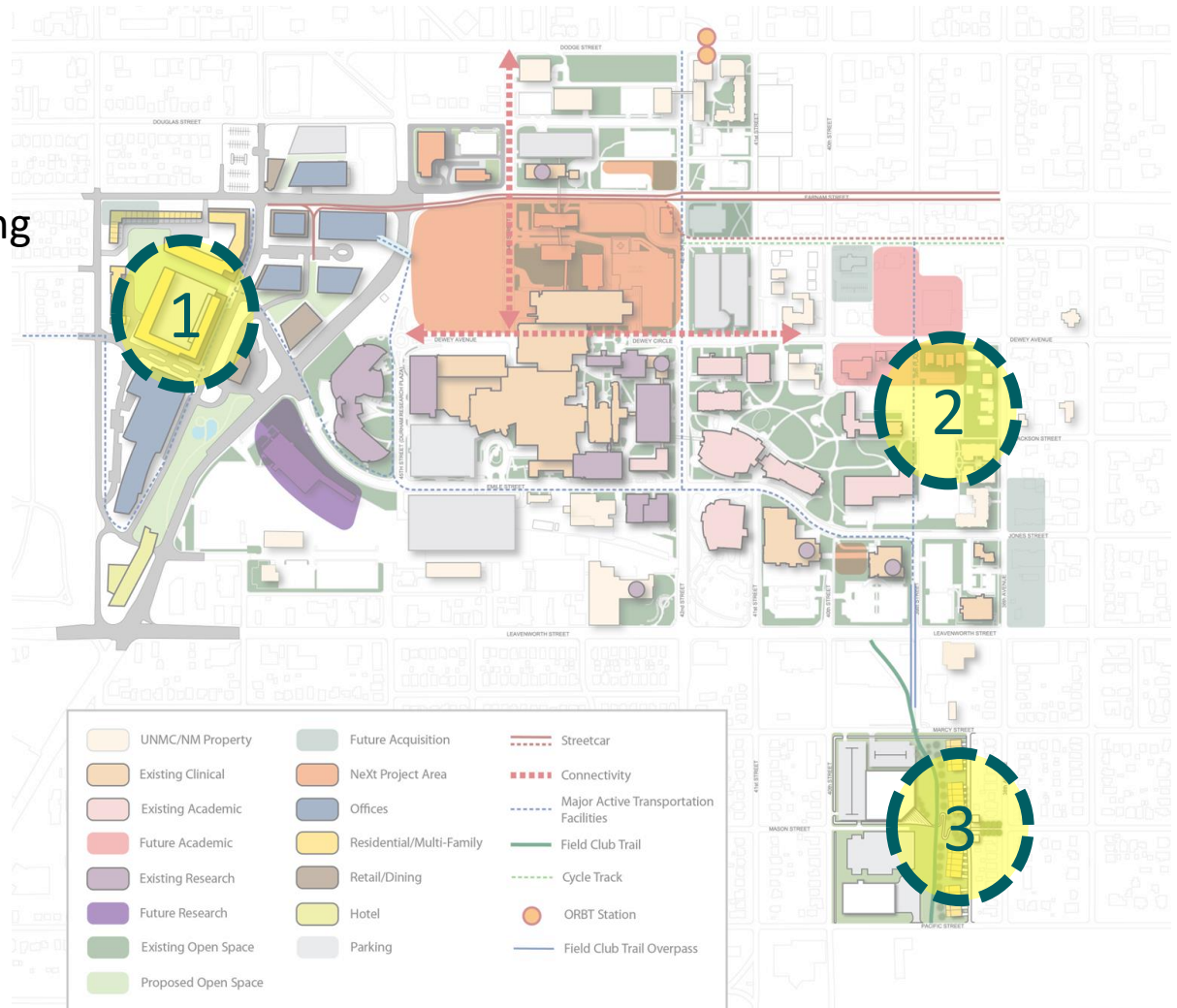
Overall housing type

- 1 bedroom – 53% (291)
- 2 bedroom – 34% (186)



Housing Projects

1. Saddle Creek Housing
2. Student Housing
3. Field Club Housing



Student Housing Conceptual Site Plans



Saddle Creek Innovation District

DISTRICT GOALS

Catalyze Innovation

Ignite innovation by creating a vibrant culture rooted in creativity, collaboration, and risk-taking, accelerating the development and commercialization of pioneering healthcare inventions.

01

Foster Entrepreneurship

Empower entrepreneurship by fostering an environment conducive to startups and ventures, providing essential resources and facilitating access to capital to fuel their growth and success.

02

Spur Economic Growth

Drive robust economic development, attracting investment, talent, and industry clusters to fuel regional prosperity and job creation within the innovation district.

03

04

Forge Strategic Partnerships

Develop alliances across sectors - including industry, government, academia, and the community - to harness collective resources and expertise, amplifying our collective impact and driving innovation forward.

05

Promote Research Excellence

Prioritize research collaborations in critical areas like biotechnology and digital health aiming to address pressing clinical challenges and enhance patient outcomes.

06

Ensure Financial Viability

Establish a financially sustainable campus model that not only sustains itself but also contributes to the broader UNMC innovation ecosystem.



Catalyst | UNMC Innovation Hub

Project Attributes

- 170,000 SF
- Open December 2024
- Historic Adaptive Reuse Development
- Well Certification
- Food & Beverage
- Conference Spaces
- Event Center
- Co-Working Space
- Flexible Workspace
- Community Kitchen
- Executive Board Room
- Fitness Center
- Coffee House



CORE Facility

Project Attributes

- 180,000 SF
- Operational in 2026
- Wet Labs
- Dry Labs
- Retail
- Office Space



UNMC Nebraska Medicine

