

University of New Mexico
Consolidated Master Plan 2011

August 2011



*University of N. Mex.
Albuquerque*

1889



Synthesize + Connect + Create

2011

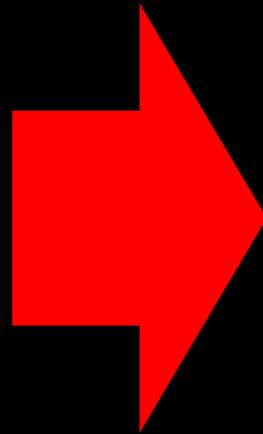
The UNM Master Plan Update is a shared vision, physical framework and land use plan that will guide the future development of the University.

Common Vision

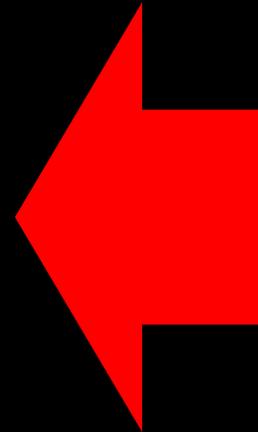
Physical Framework

Campus Development
Principles

Sustainability



**UNM MP
Update**



Growth & Change

Capacity

Partnerships

Town/Gown

- **Process**

- Master Plan Background
- Growth & Change
- Town/Gown
- Master Plan Update
- Next Steps

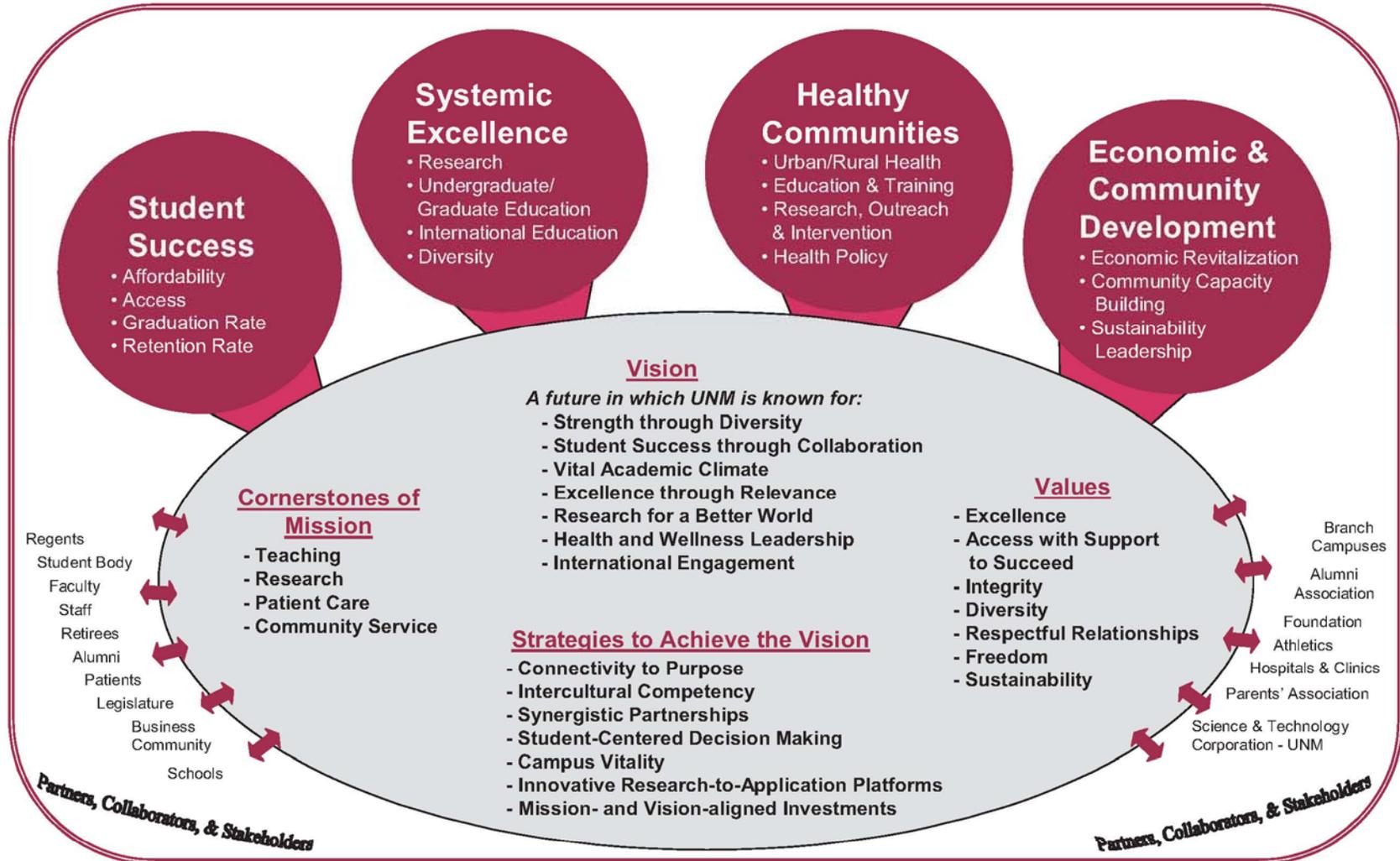
Timeline

Fall 2008	Start Master Plan Update
Summer 2009	Draft Master Plan
Summer/Fall 2009	Stakeholder Outreach/Revisions
August 2009	Draft MP Distributed for Comments
Fall 2009	Board of Regents Presentation/Revisions to MP
Winter/Spring 2010	HSC Master Plan
Summer/Fall 2010	HSC MP Outreach/Revisions
Spring 2011	Consolidated Master Plan

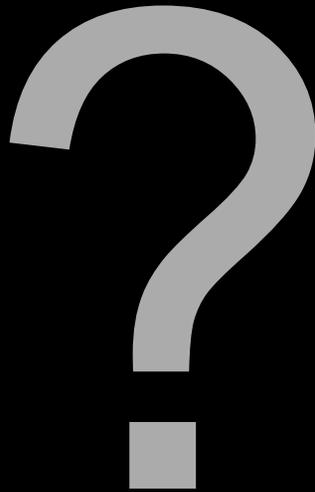
What are the goals of UNM that are informing the MP?

A Conceptual Framework

Four Strands of Priority that Connect, Align, & Activate the University's Mission, Vision, Values, and Strategies



Forces shaping the UNM MP Update



- Regional Growth
- Climate Change
- Urban Form
- Town/Gown
- Sustainability
- Constrained Resources

- **Engage the various stakeholders in the Planning process...**

 - Deans/Faculty/Staff

 - Administration

 - Students

 - Neighborhoods

 - COA/MRCOG

- **Incorporate previous Plans & Studies in developing the MP Update**

 - UNM Transportation Strategic Plan (2009)

 - UNM Athletic Master Plan

 - HSC/UNMH Master Plan (on-going)

 - Parking Alternatives Study (Walker-2007)

 - Student Life Master Plan

 - IT Infrastructure Master Plan (2004)



Community Input & Involvement...

Questionnaires

UNM Student Surveys

Town Hall at the SUB

Outreach to other Public entities...

MRCOG, COA, DOT

Dean's Council

UNM Key Staff

Athletics, HSC, UNMH,

UNM Administration, CDAC,
Lobo Development

Briefings of Community Leaders

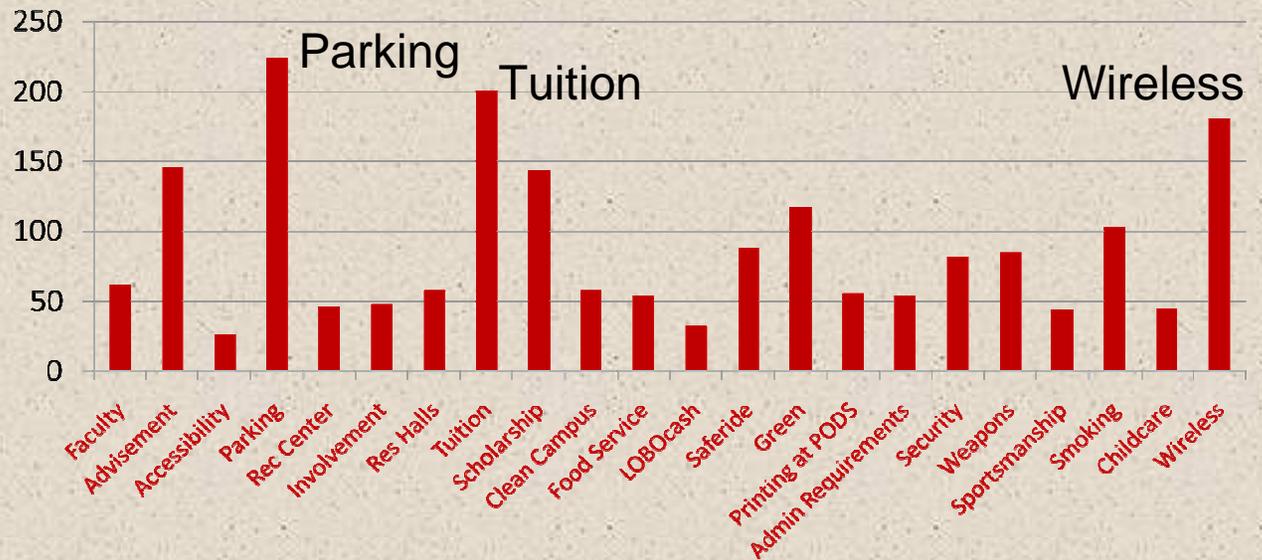
Neighborhood Meetings

Weekly meetings...





ASUNM Fall 2008 Student Survey
9/8/08



Town Hall input...

Quick, easy, secure and safe access to the Campuses by **bicycle**

Sustainability issues

The importance of **on-campus student life** and the need for **recreation facilities**

Location and price of parking

Improved east-west pedestrian connections on Central Campus

Better food service and amenities



What we heard from the Deans...

- **General dissatisfaction with facility conditions – lack of space and facility upgrades**
- **Dean of Fine Arts: lack of consolidated academic space**
- **Concern about lack of academic and research space on Central Campus**
- **Concern about lack of support space for current and future growth**
- **Anderson School: lack of convenient parking and identifiable gateways**
- **High density archival facility needed for Zimmerman**
- **Research space on Central Campus...attracting top notch faculty...**
- **Learning Commons: integrated and collaborative learning spaces**

The need for robust technology In the classroom...

Expectation of technology integrated into classrooms and pedagogy; flexible classroom space with wireless connections, ample outlets





Preservation of open space and connecting to the Central Campus and across University Blvd...were mentioned as key future needs...

What we heard from HSC...

Need for the expansion of research related facilities
The connection to Central Campus is weak and needs to be improved

What we heard from UNMH...

By 2018 the Hospital needs to provide an additional 400 beds to meet demand for medical services for the State of New Mexico,

Easy access is required to public transportation and potentially the Rail Runner

Parking is a serious concern, the need for expanded parking facilities is critical

Provide fast and easy connection to Lands West and UNMH/HSC

There is a need to provide a centralized area for Outpatient Clinics that can easily be accessed by the public...



What we heard from the Administration...

Housing is critical to student retention and success...

Buildings get funded; infrastructure is an afterthought...and is usually under funded

UNM needs to **provide a campus environment that attracts the best students and faculty...**

There needs to be a **site selection process** for new buildings that is consistent with the master plan...

Public/private partnerships are critical for UNM's future...

Obsolete and functionally inadequate buildings need to be replaced...

There needs to be **surge space** that accommodates space needs during re-construction...

UNM needs to **maximize the utilization of the space** it has...

Parking...Parking...Parking...can we ever provide enough...???



THE UNIVERSITY of
NEW MEXICO

Flagship statewide university

Globally significant research
and development

Only State of NM Trauma Center

Only State of NM Medical School

Growth and Change

Public/Private Partnerships

Community Asset

Adjacent neighborhoods

Quality of Life



Neighborhood Preservation

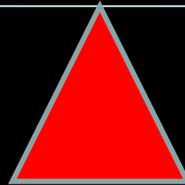
Congestion
Traffic
Pollution
Noise



Neighborhood Stability



Open Space preservation



Finding a **balance**...

Consensus...



Central Campus

Unique sense of place ...and architecture

Quality of open spaces...a variety of “learning environments”...

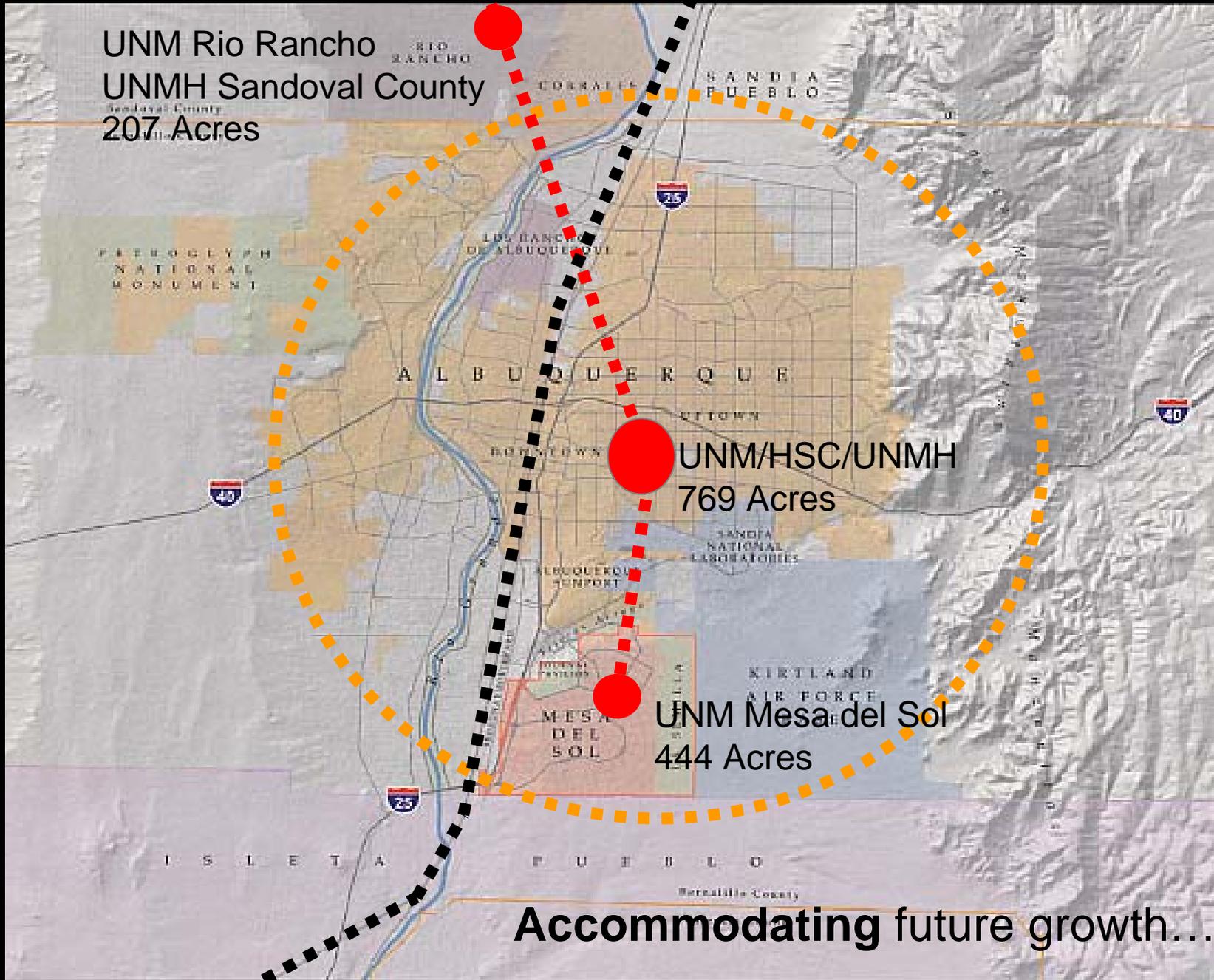
- **Process**
- **Master Plan Overview**
- Growth & Change
- Town/Gown
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- Next Steps

UNM Rio Rancho
UNMH Sandoval County
Sandoval County
207 Acres

UNM/HSC/UNMH
769 Acres

UNM Mesa del Sol
444 Acres

Accommodating future growth...





UNM at a glance:

2010 Campus enrollment: 28,757

FTE Students: 23,116

Total Employees: UNM/HSC/UNMH
15.553

Student Employees: Main	3,895
HSC	948

Approximately 10.9 million square feet of building space for UNM/HSC/South Campus

Approximately 13,000 parking spaces

769 acres total: North, Central and South campuses

Prior Plans



Figure 3: Meem Plan (1955)

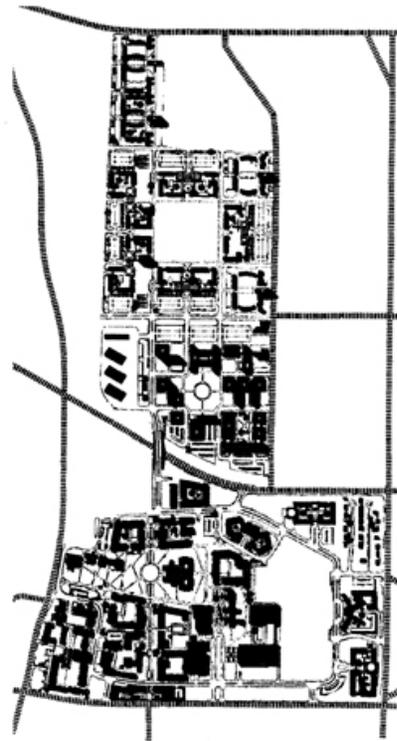
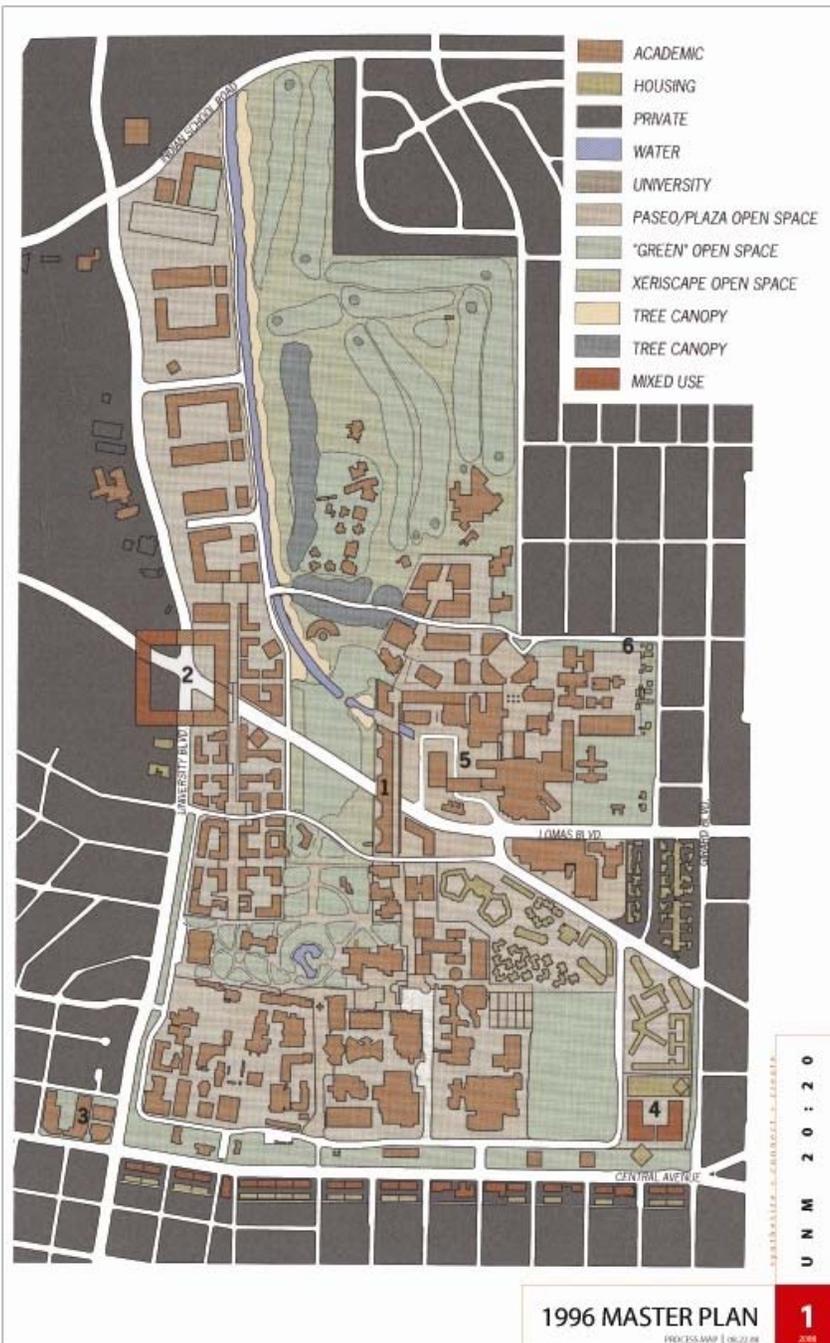


Figure 4: Wamecke Plan (1960)

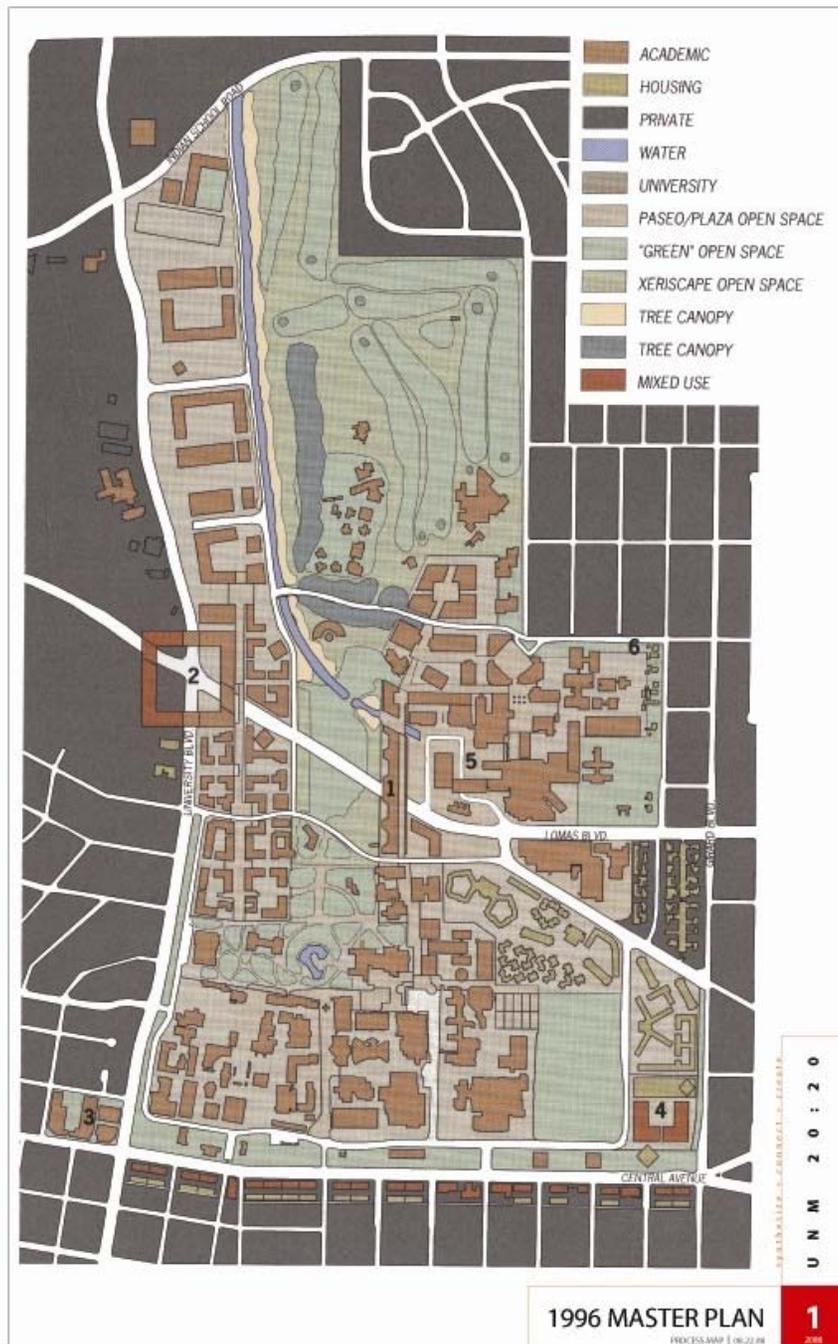
Meem Plan: 1955

Wamecke Plan: 1960



1996 UNM Master Plan

- Anticipated 35,000 students and additional 4.9 million square feet of facility development
- 1996 Plan did not include South Campus
- Plan focused on “bridging” Lomas and wide swath of open space
- Did not anticipate rate of growth on North Campus (UNMH & HSC)
- Overestimated rate of growth on central campus
- Did not anticipate a Rio Rancho Campus nor a Mesa del Sol Campus

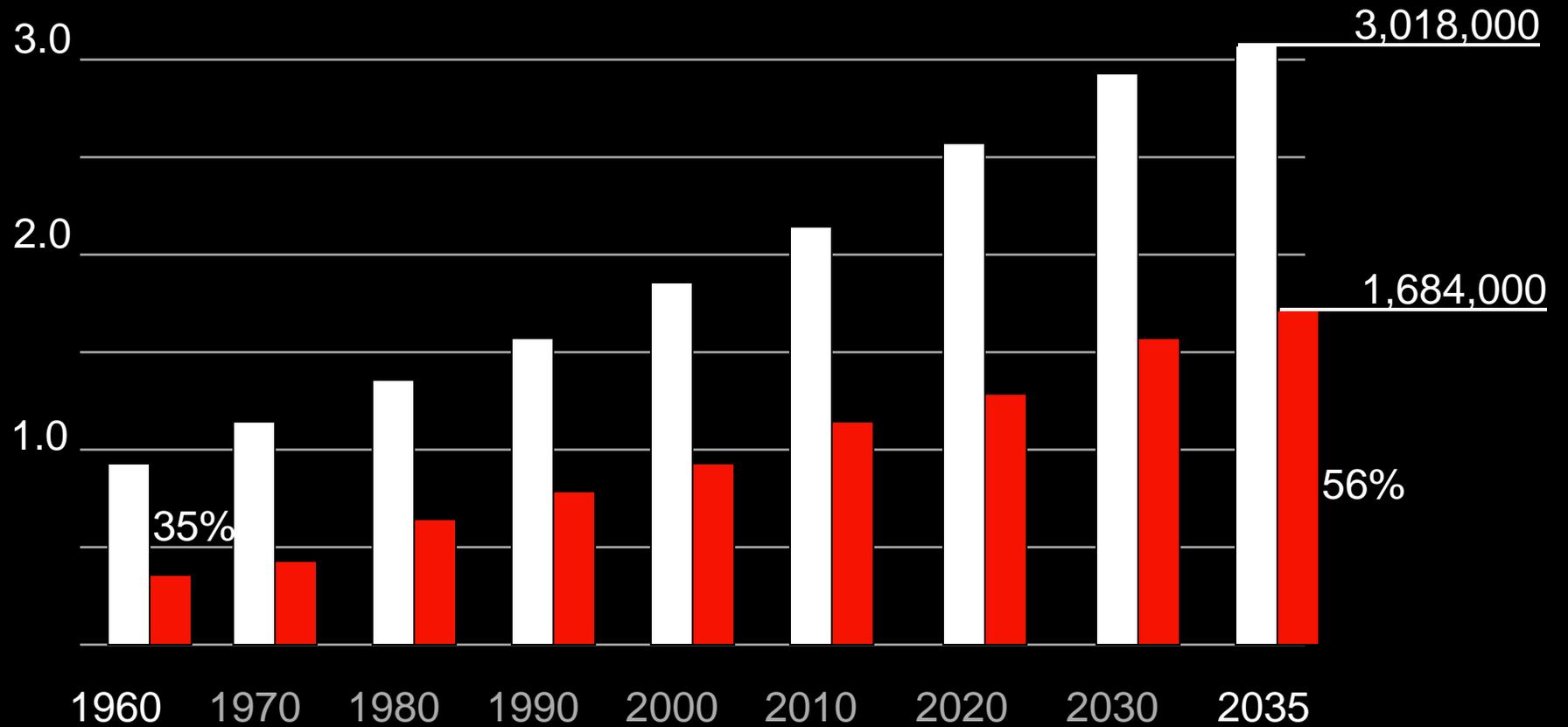


Principles to keep:

- Preserve historic buildings
- Design environmentally appropriate landscapes
- Reduce the amount of surface parking and replace it with some structured and remote parking
- Develop strategies to reduce the number of automobile trips.
- Maintain open space structure and pedestrian campus features

- Process
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- Population: State of New Mexico
- Population: Santa Fe, Bernalillo, Sandoval & Valencia Counties



Data source: BBER

25 Year Growth Outlook for The Region

668,000 new people

310,000 new homes

210,000 new jobs

Regional Growth...

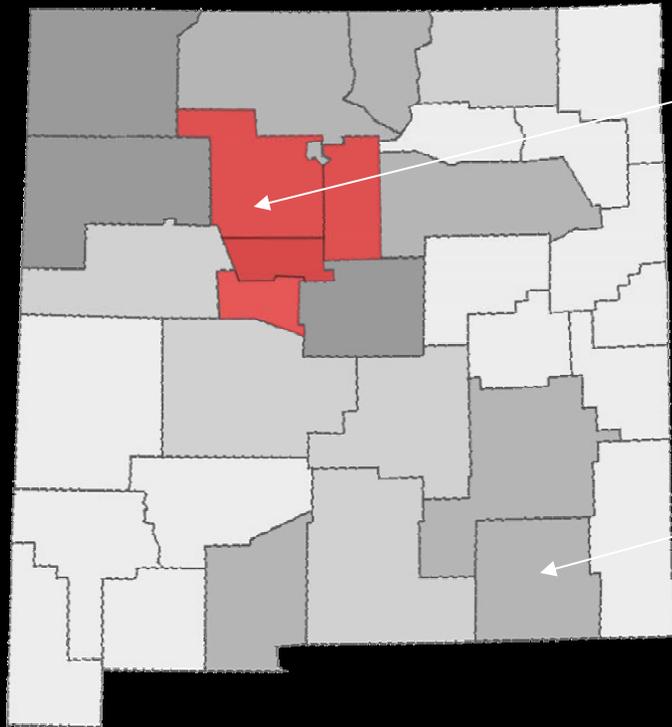
Bernalillo/Valencia/Sandoval/Santa Fe

+215,000

Population increase 1995-2010

+668,000

Projected population increase 2010-2035



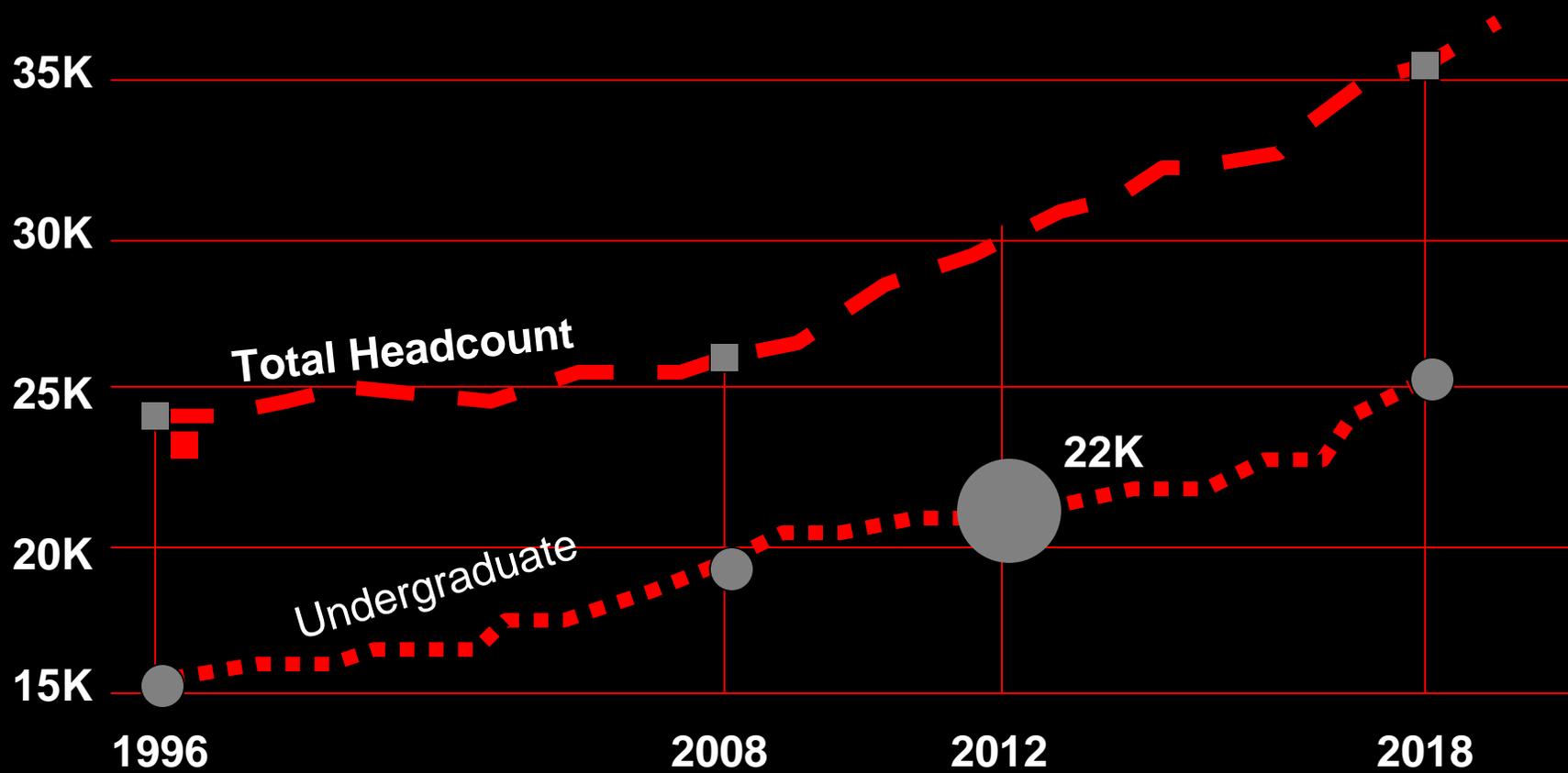
67%

of incoming Freshman are from...
Santa Fe, Bernalillo, Sandoval & Valencia
Counties

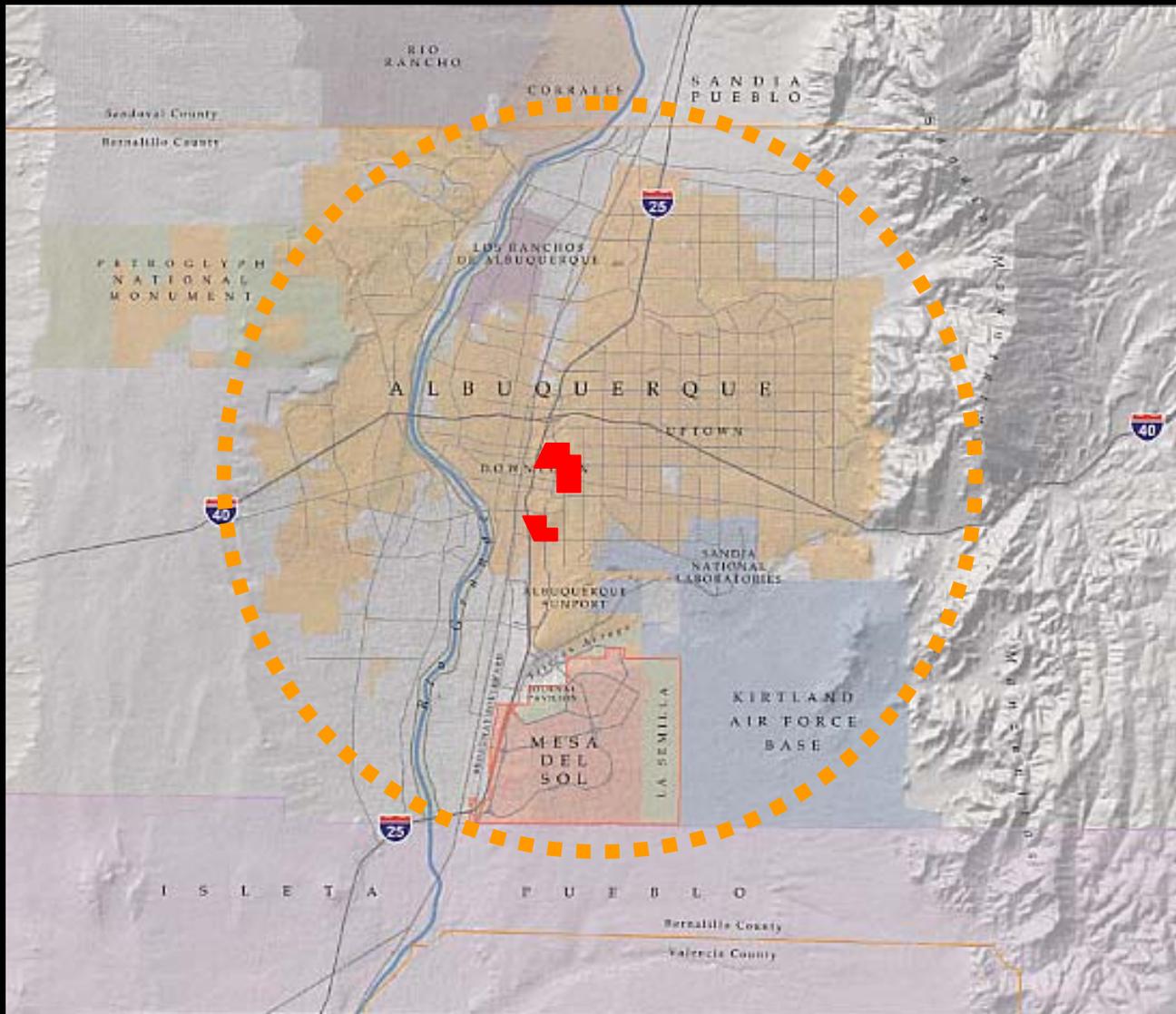
88%

of incoming Freshman are from New Mexico

UNM Growth Projections



- **Process**
- **Master Plan Overview**
- **Growth & Change**
- **Town/Gown**
- **Master Plan Update**
- **Next Steps**



Traffic Impacts

Parking encroachment
Into adjacent
neighborhoods

Congestion

Noise/Pollution

Development of Vacant
Land

Low Density/Historic
Neighborhoods adjacent
To intense activity centers

Complex Urban In-Fill Development

A city within a city of 70,000 + people...



Public-Public Partnerships...

UNM cannot solve regional
transportation issues alone...

Outreach to MRCOG, DOT and
COA

Transit strategies for accessing
UNM/UNMH/CNM area...

UNM/CNM Travel Demand Management Study



MRCOG Analysis

Opportunities exist to reduce SOV demand to UNM/UNMH

A system of convenient area circulators

Express Routes-Park & Ride Shuttle Sites

Enhanced bike connectivity

Additional housing on campus and Transit express routes
would reduce SOV travel

University of New Mexico
Albuquerque, N. M.



1972

Parking

In 1972 Central campus was self parked...

In-fill campus development pushed parking into neighborhoods...

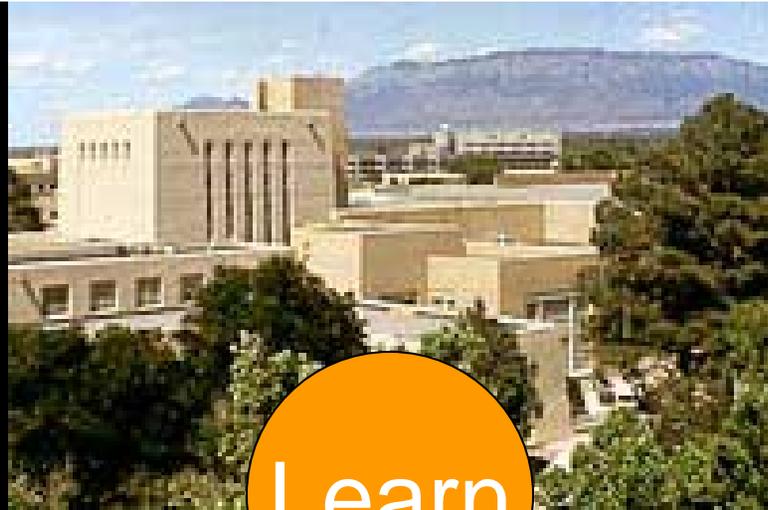
Neighborhoods implemented “permit parking” to control parking on public streets near the University...

UNM builds remote parking and transit system to move students from south and north campus to central campus...and constructs parking structures to provide more on-campus parking

UNM builds structured parking on Central Campus periphery to allow for in-fill development and open space/pedestrian network development



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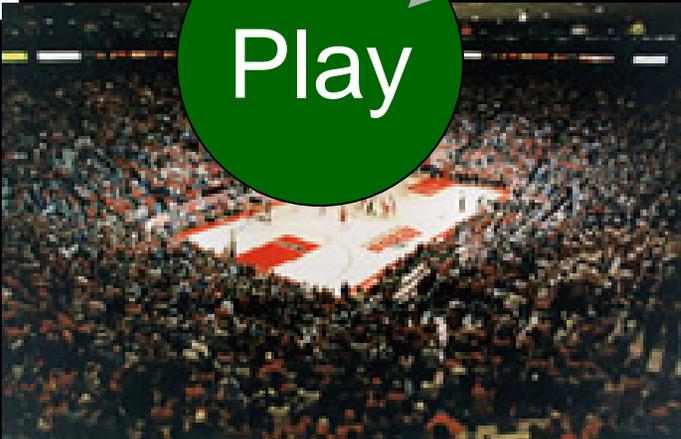
Learn



Live



Work



Play

The Challenge...

Evolving from a “commuter campus” to a Sustainable Urban Campus



BUILDING B - EAST ELEVATION
SCALE: 1/8" = 1'-0"

BUILDING A - EAST ELEVATION
SCALE: 1/8" = 1'-0"

Strategies

- 24/7...live...work...learn...play...more student housing (PPP)
- Connectivity...north...south...central...
- In-fill campus development...Central Campus
- Maximize use of existing facilities through efficient scheduling
- Facility replacement and renewal...
- Traffic, transit and transportation...regional approach (UNM/HSC/UNMH/CNM/COA/MRCOG)
- Commercial development for additional revenues...(Public/Private Partnerships)

Planning Area

DISCLAIMER: The area depicted in this Plan may include property not owned or controlled by the University of New Mexico. Inclusion of privately owned parcels in the Campus Planning Area is solely to illustrate planning context and does not have any legal effect. UNM does not assert any ownership or control over those parcels. Use or development of privately owned property is under the control of property owners, subject to applicable zoning and private land use restrictions. These plans are illustrative only and should not be relied on by third parties without contacting the UNM Office of Real Estate at 505-277-4620.

HSC Master Plan-Planning Principles

1) Patient Care and Well Being

Create a campus that embodies health.

2) Accessibility

Make the campus more physically accessible

Link east and west sides of HSC with dedicated transit and open space

Utilize ingress and egress at I-25 Frontage roads and Lomas.

Minimize to the extent feasible, traffic impacts on adjacent neighborhoods

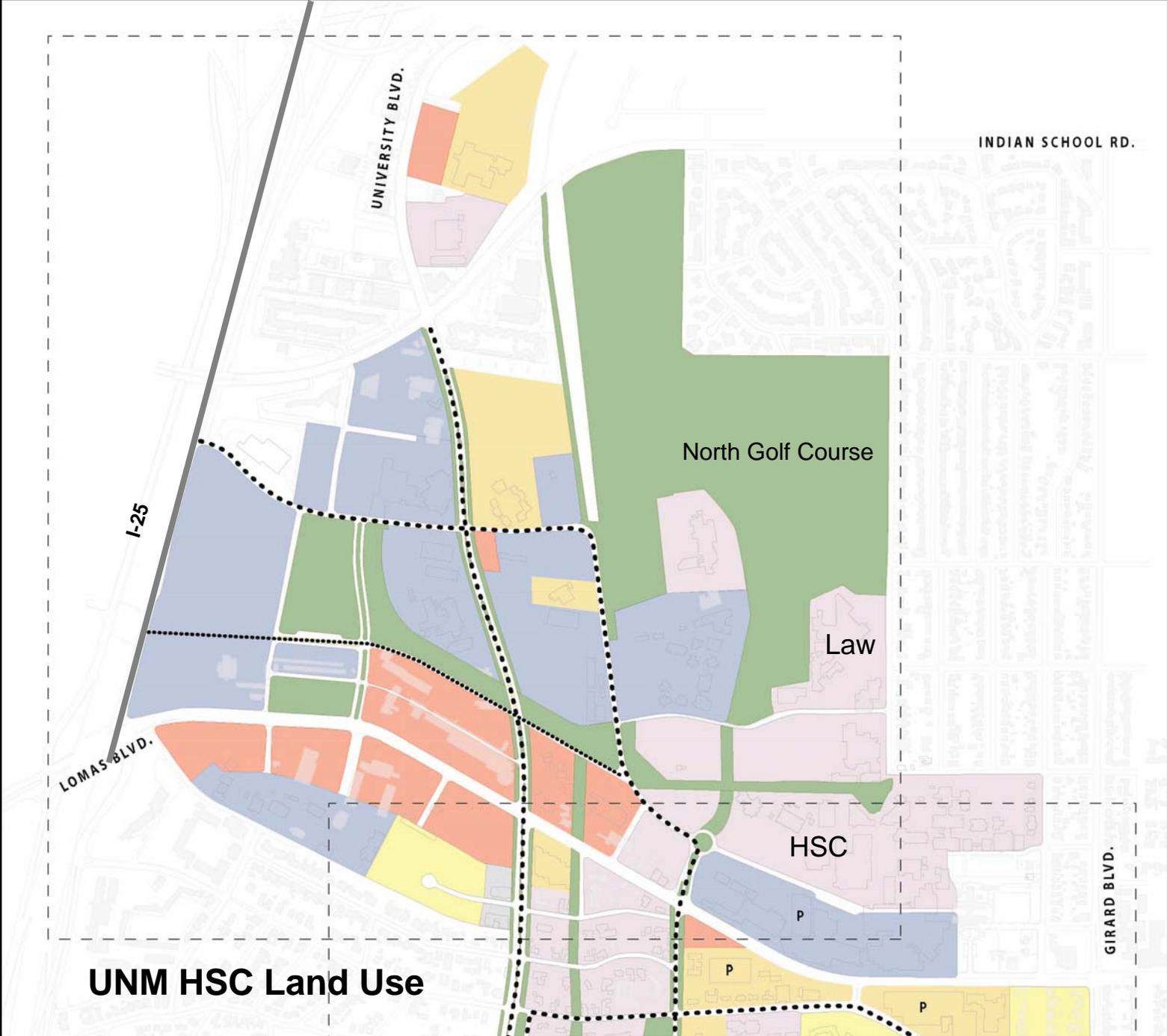
3) Sustainability

Incorporate sustainability into the overall campus infrastructure, particularly transportation and landscape.

4) Logical Growth

Establish a framework for growth that allows for a logical and efficient expansion of facilities and infrastructure.

Preserve the North Golf Course as an open space buffer.



Central Campus-Planning Principles

1) Improve public spaces and enhance pedestrian connectivity.

Remove pedestrian and vehicle conflicts from interior of campus.
Preserve major open space corridors and Johnson Field

2) Incorporate and preserve historic structures.

3) Sustainability

Incorporate sustainability into the overall campus infrastructure, particularly transportation and landscape.

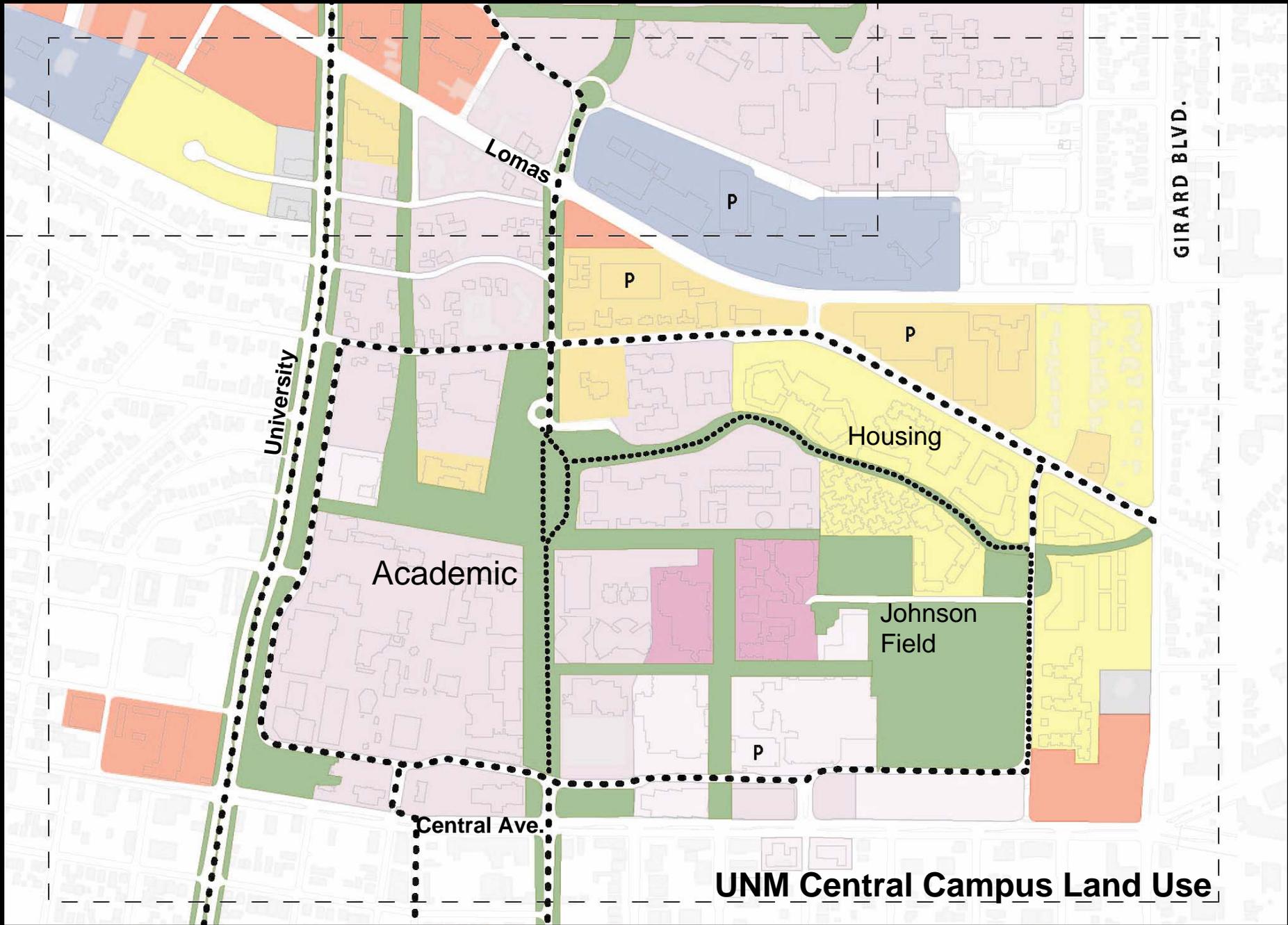
4) In-Fill Growth

Establish a framework and principles for growth that allows for a logical and efficient expansion of facilities in functional “districts”

Parking-cap Central Campus parking at 2009 levels.

Tie into City and Regional Transit systems.

At the edges of the campus, encourage mixed use development that provides alternatives to “daily commuting”.



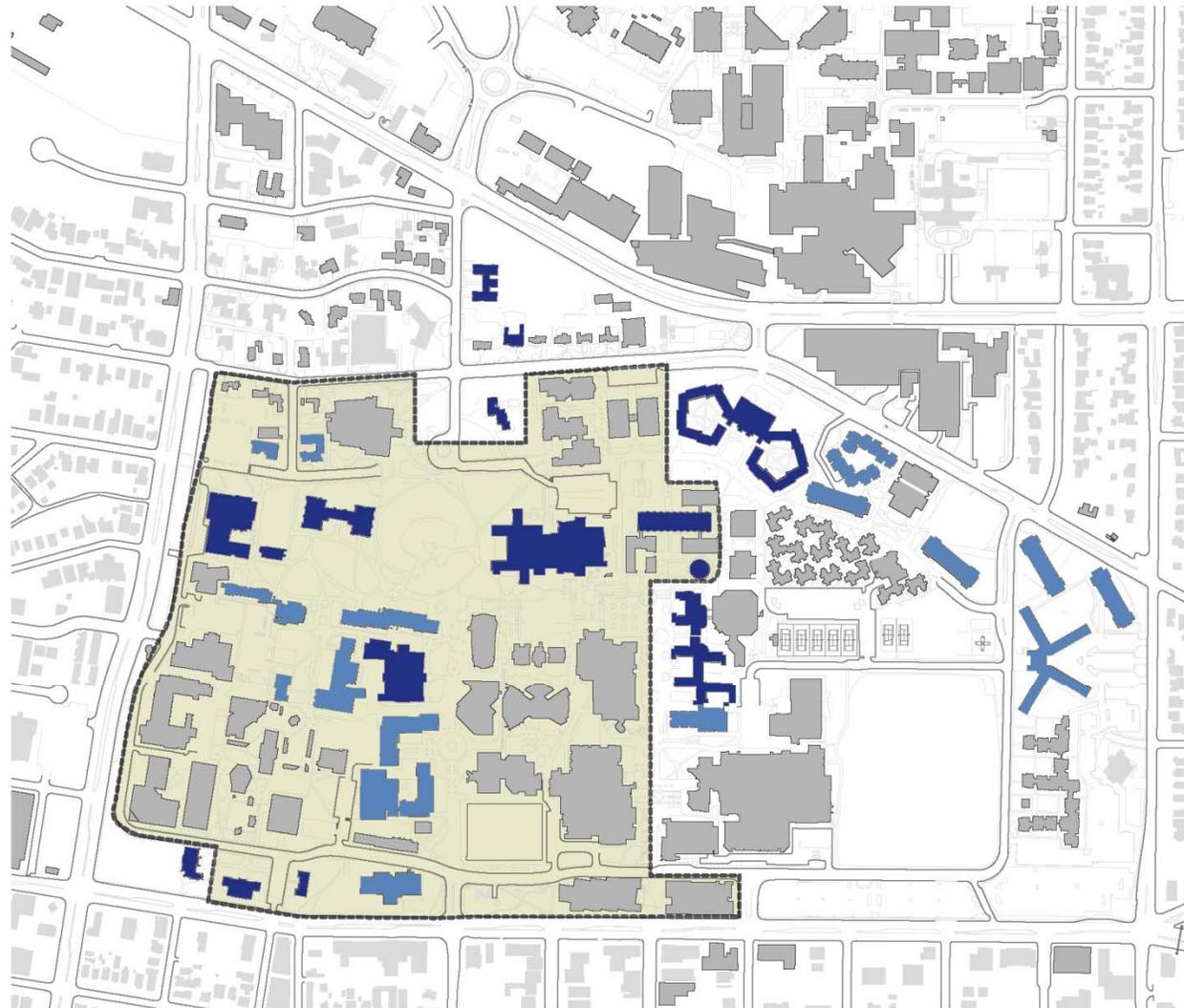
UNM Central Campus Land Use



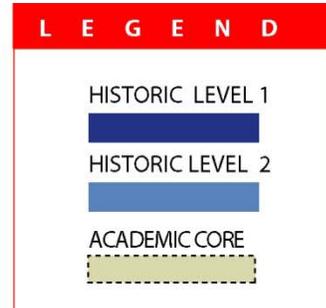
Pedestrian & Open Space Corridors



New Campus Housing
Master Plan
13.7 acres
JOHNSON FIELD



Incorporate and Preserve Historic Structures

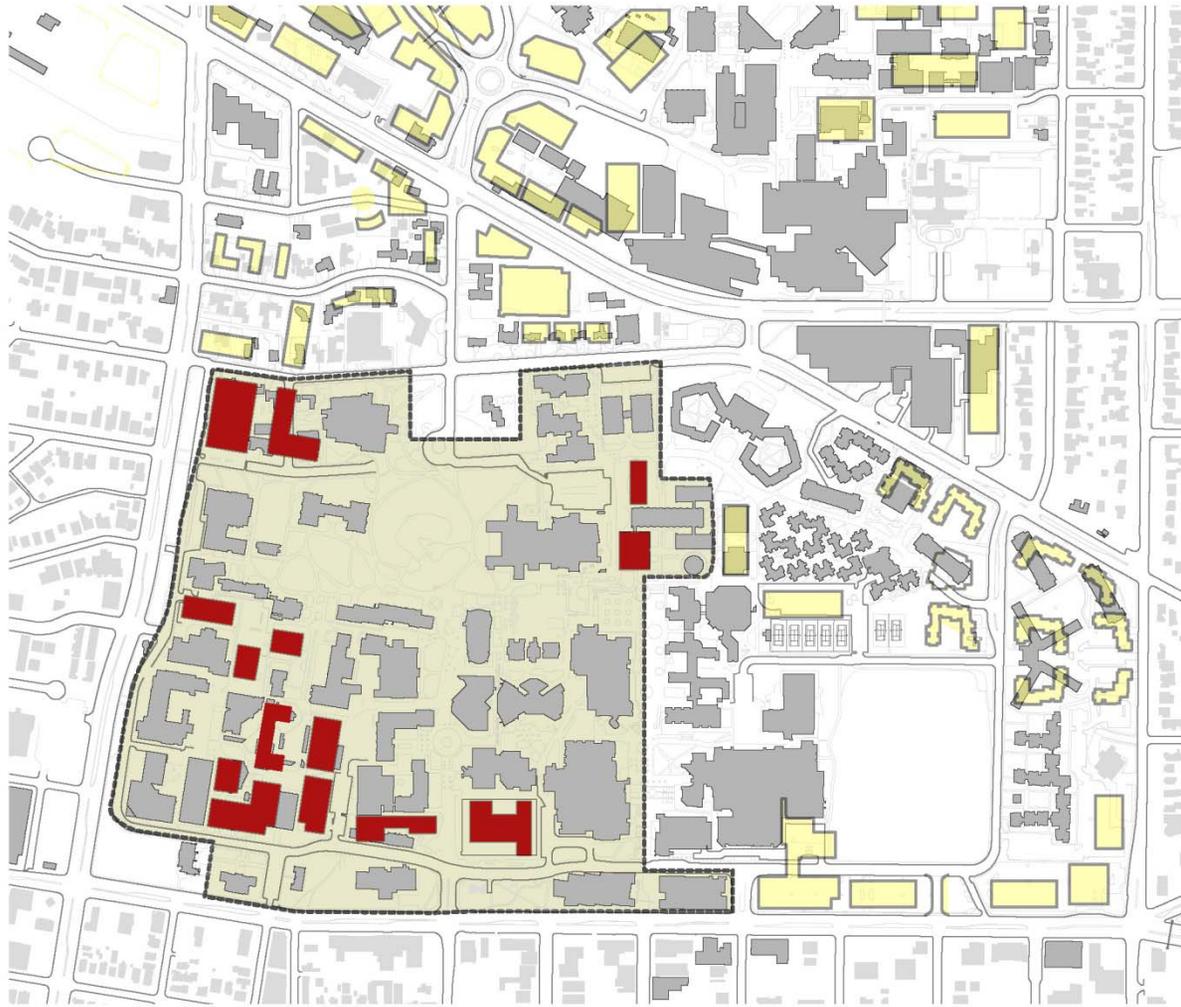




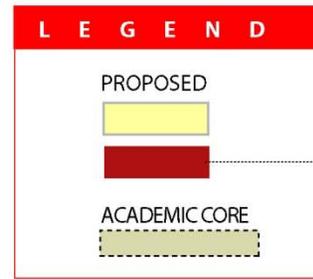
Infill Site A: 57,200 sf @ 3 stories
Infill Site B: 37,800 sf @ 3 stories



Infill Site C: 200,000 sf @ 6 stories



Academic Core



1,050,400 sf

South Campus-Planning Principles



Incorporate Athletic Facilities
Master Plan

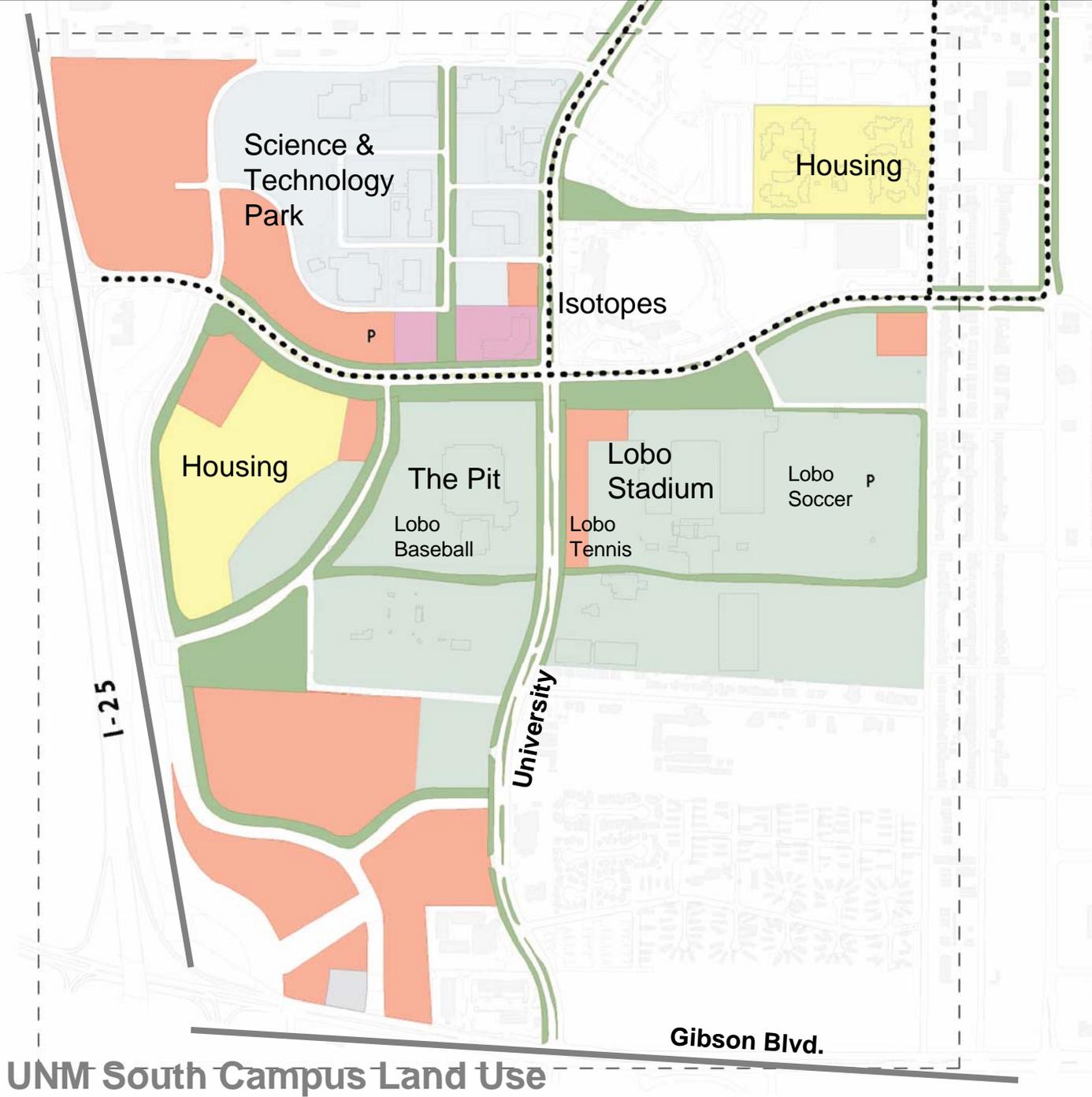
Maintain the quantity of parking for major athletic events

Provide opportunities for Public/Private Partnerships

Student Housing, S&TP and CNM require commercial amenities

Connect central campus with more transit and bike ways





UNM South Campus Land Use



Lobo Village



UNM
HSC Master Plan 2010

"A Campus Vision to Support Academic Medical Excellence in New Mexico."



Future Program Growth Needs

- HCS Space needs initially defined by approved “HSC Strategic Planning for UNM Master Plan”, May 2008
- Space needs were validated and refined through individual discussions with program units and leadership

Projected Space Needs

Type	Total Need <i>through 2020</i>
<i>New</i>	
Education/Research	1,767,900 sf
Clinic	1,493,000 sf
Hospital	1,923,000 sf
Service	140,000 sf
Total Space Need	4,918,000 sf
<i>Parking Demand (30% Transit Reduction)</i>	<i>8,866 spaces</i>
<i>Existing</i>	
Currently as of 2010	3,005,000 sf
Existing to Remain in the Master Plan	2,092,000 sf
*Total New Construction Needed	2,826,000 sf
Mixed-Use	621,000 sf
<i>Parking Demand (30% Transit Reduction)</i>	<i>1,770 spaces</i>
UNMHSC Master Plan Capacity <i>through 2030</i>	7,225,000 sf
<i>Parking Demand (30% Transit Reduction)</i>	<i>11,200 spaces</i>

The increase in campus building area through 2030 coincides with the historical UNMHSC average growth rate of 6% per year.

**(Total Space Need – Existing to Remain)*





UNM Consolidated Master Plan – Table of Contents

- UNM Master Plan Update 2009
- UNM Health Sciences Center Master Plan 2010
- Appendices
 - Appendix A: Reference to Modifications
 - Appendix B: UNM 2009 Climate Action Plan
 - Appendix C: UNM South Campus Athletic Facility Plan
 - Appendix D: UNM South Campus Placemaking Plan
 - Appendix E: UNM Transportation Strategic Plan
 - Appendix F: UNM at Rio Rancho Campus Master Plan

- **Process**
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Facility Plan

Academic
Master Plan

Capital Improvement
Plan

Increase UNM's role as a
primary contributor to the
economic and physical health
of New Mexicans as a top tier
University Research Institution

Common Vision

Physical Framework

Campus Development
Principles

Sustainability

**UNM MP
Update**

Growth & Change

Capacity

Partnerships

Town/Gown

• **Internal**

- Academic Master Plan will drive future facility needs
- Enhance existing facility utilization (scheduling)
- Modernization and re-hab of existing facilities
- New facilities to replace existing obsolete facilities and to accommodate growth.
- Surge space
- Student Life Amenities (housing & recreation)

• **External**

- Property Acquisition (ABCWUA Reservoir site/out parcels/ Stanford Clinic)
- Commercial Lands Development (Sandia Foundation)
- Public-Public Partnerships (COA, DOT, MRCOG)
- Capital funding strategy (incremental vs. catalytic)

UNM