

Learning Objectives



- Learn how one institution completed a Master Plan with in-house staff and achieved significant savings
- Discuss options for developing the Master Plan in-house while outsourcing different components



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Learning Objectives



 Review the advantages and disadvantages of the varying structures and formats as well as how deferred maintenance, town gown relationships, and space management can be addressed through careful planning



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Learning Objectives



 Engage in a fun and informative dialogue from the diverse and contrasting perspectives of the pragmatic and realistic chief facilities officer with the visionary and imaginative architect



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Heather Zack Watenpaugh







University Architect and Campus Planning Officer
Facilities and Services
New Mexico State University



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Background



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- University Architect at NMSU since 2015
- Owner/Architect of Z-W Architects in Alexandria, Virginia
- Project Architect with Cunningham Quill Architects, in Washington, DC.



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Glen Haubold







Associate Vice President, Facilities and Services New Mexico State University (retired)

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Background

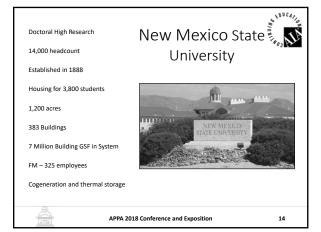


- Associate VP of Facilities and Services for the NMSU System (retired)
- Worked for Texas Christian University, Texas Woman's University, University of North Texas + defense contractor and oil and gas company
- GHaubold Consulting
- FM Excel



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What were we thinking?



- New Mexico Higher Education Department requires a plan (sort of)
- Horizon for current plan was 2006-2016
- Hanbury Evans Wright Vlattas laid a solid foundation until 2008 came along



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What were we thinking?



- Both NMSU and Las Cruces used straight line growth for planning in 2005
- Emphasis shifted to "No New Net Square Footage"
- A Master Plan Refresh was completed in 2013 to bridge the gap



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What were we thinking?



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- AVP Haubold researched other Master Plans
- Colorado State University staff convinced us that a quality in-house effort was achievable
- NMSU lacked the funds to outsource a master plan anyway



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What we could do well



- New strength at University Architect
- Experience in planning process from strategic planning
- Campus Planning Committee that was reasonably engaged
- Support of Chancellor and VP for Finance and Administration
- Strong administrative support



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Where we needed help



- We write well...but
- Lacked the capability for illustrations
- Layout experience was limited



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Executive Committee



- Members from Facilities (AVP, University Architect, University Engineer, Executive Director for PDE)
- · Recurring meetings to stay on task
- Hired consultants for technical writing and graphics
- Determined guiding principles, key strategies, objectives and goals



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Campus Planning Committee (CPC)



- Representative of the campus community
- Included early in the process
- Presented to CPC for feedback guiding principles, key strategies, objectives and goals (document organization)
- Shared timeline
- Used this group to write planning sections for the document for college/department and facilities input



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Have a roadmap document!



- Initial Assessment March 2016
- <u>Develop analytical data used to make</u> decisions
- Compilation
- Approvals target spring 2017



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Initial Assessment



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- Plan the process and finalize the schedule
- Present draft assumptions to Chancellor and Senior Leadership
- High level interview with key decision makers to determine issues and views that will influence



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Initial Assessment



- Finalize assumptions
- Identify detailed interviews for later in the process

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Develop analytical data used to make decisions

- Develop enrollment projections
 - > Colleges to furnish through their strategic planning
- Develop residential requirements
 - ➤ On campus projections
 - > BCOM (Burrell College of Osteopathic Medicine)
 - > DACC (Doña Ana Community College)

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Develop analytical data used to make decisions



- Develop space inventory
 - Review peer comparative data from Huitt-Zollars
 - Develop space needs projections / reductions / reallocations



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Develop analytical data used to smake decisions



- Review, update, and incorporate available plans
 - ➤ Utility Master Plan
 - ➤ Fire Protection
 - ➤ Data center
 - ➤ Housing



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Develop analytical data used to smake decisions



- Review, update, and incorporate available plans
 - > Food service
 - > Transportation
 - East Campus / ADI
 - > Arrowhead Research Center
 - > Agricultural facilities



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Develop analytical data used to make decisions



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- Invite participants based on the assumptions identified above
 - > Sections where little will be changed will receive focus area update



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Compilation



- Finalize area themes using the above
- Conduct detailed interviews with key stakeholders
- Prepare Preliminary Report
- Changes will be incorporated into the final draft and then the final document.



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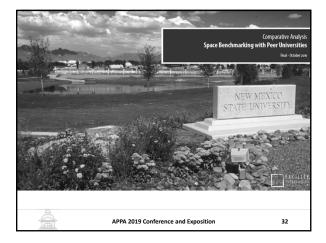
Approvals

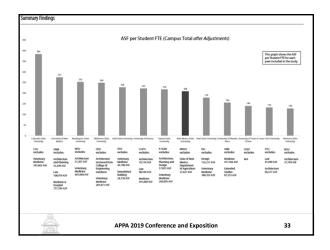


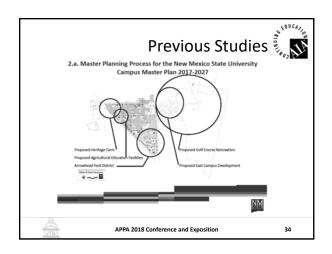
 The final document will be reviewed and recommended by the Campus Planning Committee, and will require final approval by the NMSU Board of Regents



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Physical Planning Goals and Assumptions



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Physical Planning Goals and Objectives

The guiding principles of this Master Plan were developed in consultation with various constituencies that make up the NMSU community and were revised as the plan was developed.



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Physical Planning Goals and Assumptions



- Space and Transforming NMSU into a 21st Century University Academics.
- Architecture
- Preservation
- Asset Development



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Physical Planning Goals and Assumptions

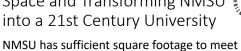


- Engagement
- Research Collaboration
- Accessibility
- Placemaking
- Transportation/Parking



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Space and Transforming NMSU into a 21st Century University

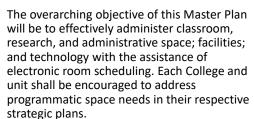


the goals set by Vision 2020 and will right-size and align space in much the same manner as the process for Transforming NMSU into a 21st Century University.



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Space and Transforming NMSU into a 21st Century University





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Academics



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Efficient space and its use thereof will be used to enhance investments in new pedagogies such as active learning classrooms that will improve outcomes.



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Decide on structure



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- 2006-2016 NMSU Plan
- Colorado State Plan
- Doña Ana Community College Plan
- 2017-2027 NMSU Plan



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2006-2016 NMSU Master Plan



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