



WEST TEXAS A&M UNIVERSITY

CAMPUS MASTER PLAN UPDATE: COMMUNITY FORUM

OCTOBER 26TH, 2017

1. Introductions 5 min
2. Why plan? 5 min
3. How To Master Plan 10 min
4. What is in a Master Plan
5. What We've Heard So Far 10 min
6. Analysis and Observations 10 min
7. Questions/Answer 15 min
8. Open House

We believe in the power of education to elevate the human condition—to create innovators and leaders who can resolve the challenges of the 21st century. We believe in the power of great design to shape the educational experience and inspire human success.

SERVED OVER 250 HIGHER EDUCATION
INSTITUTIONS NATION-WIDE

COMPLETED 142 CAMPUS MASTER PLANS

Large Firm of the Year

USGBC 2014

PERKINS + WILL

- 80 Years of Higher Education Planning
+
Design Experience
- Mission Based Centers of Excellence
Campus Planning
Learning Environments
Science + Technology
Student Life
- Grounded in sense of place

#1 in Higher Education Design

Architectural Record 2014 Top Design Firms

Top Three Design Research Firms

Architect Magazine

#2 University Sector Architecture Firm

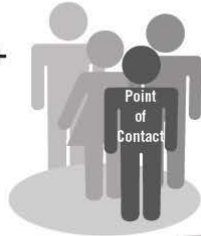
Building Design & Construction 2013

**WE BELIEVE IN THE
STRENGTH OF IDEAS
AND THE POWER OF
RELATIONSHIPS**

YOUR TEAM

TEAM MEMBERS

WTAMU
Committees+
User Groups



PROJECT LEADERSHIP TEAM

Stephen
Coulston
AIA, Principal-in-Charge

Andrew
Broderick
AICP, LEED AP
Project Manager/
Senior Planner

EXTERNAL STAKEHOLDERS



Consultant Resource Team

Nelson\Nygaard:
Transportation &
Parking Planning

Jason Schrieber
Project Principal
Tom Yardley, AICP
Transportation Planning Lead

Brandt Engineers:
Civil Engineer

Dwight Brandt, Civil Engineer

***Shah Smith & Associates: MEP Engineer**
Jeffrey Bolander, PE Mechanical Engineer

***Datacom Design Group: Technology and Security**
John Rob Hicks, RCDD, Senior Technology Consultant

***Sunland: Cost Estimating**

Ben Thompson, CVS, CPE, CI, Senior Cost Estimator
Jon Brady, Senior Pre-Construction Cost Estimator

Perkins+Will (Lead Planner)

Paul Ward, AICP, LEED AP
Campus Planner
Peter Baird, AICP, LEED AP
Senior Campus Planner
Ben Sporer, ASLA, LEED AP
Senior Landscape Architect
Caitlin Admire
Senior Planner



A photograph of a large, two-story stone building with a dark metal roof. The building features several arched windows and doorways. The entire image is overlaid with a semi-transparent blue filter. The text "WHY MASTER PLAN?" is written in large, white, bold, sans-serif capital letters across the middle of the image.

WHY MASTER PLAN?

TECH SAVVY + HIGHLY INTERACTIVE



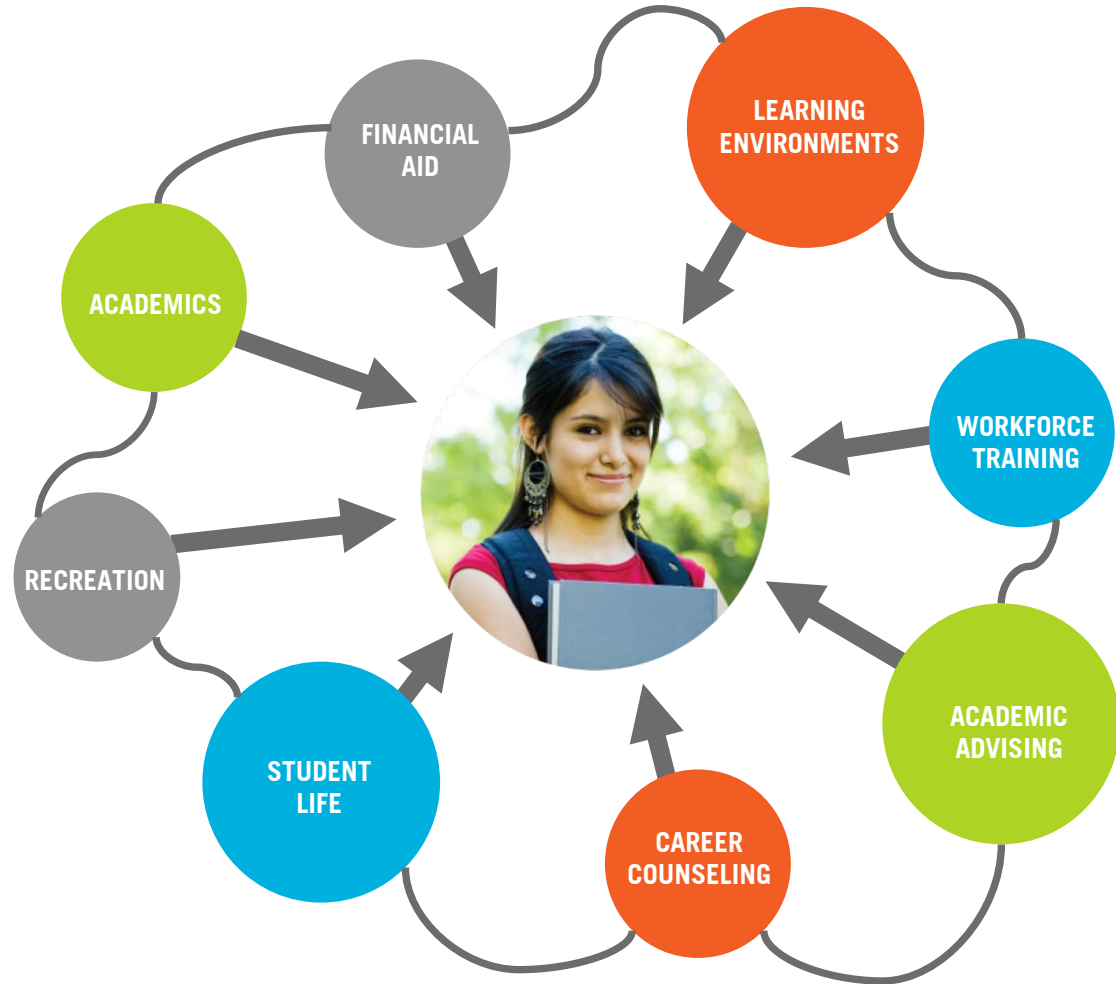
BRAND IMPORTANCE



SOPHISTICATED + PRICE CONSCIOUS CONSUMERS



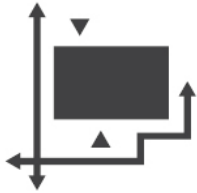
STUDENT FOCUSED



WHY MASTER PLAN?



THINK BIG AND
EXPLORE IDEAS



IMPROVE EFFICIENCIES
AND ENSURE THAT PROPER
INFRASTRUCTURE IS IN PLACE



CREATE A SENSE OF PLACE
AND WEAVE CONNECTIONS BACK
TO THE COMMUNITY



IDENTIFY NEEDS, DEVELOP
COST-EFFECTIVE SOLUTIONS,
AND PRIORITIZE INVESTMENT



ALIGNMENT WITH
STRATEGIC GOALS OF
THE INSTITUTION

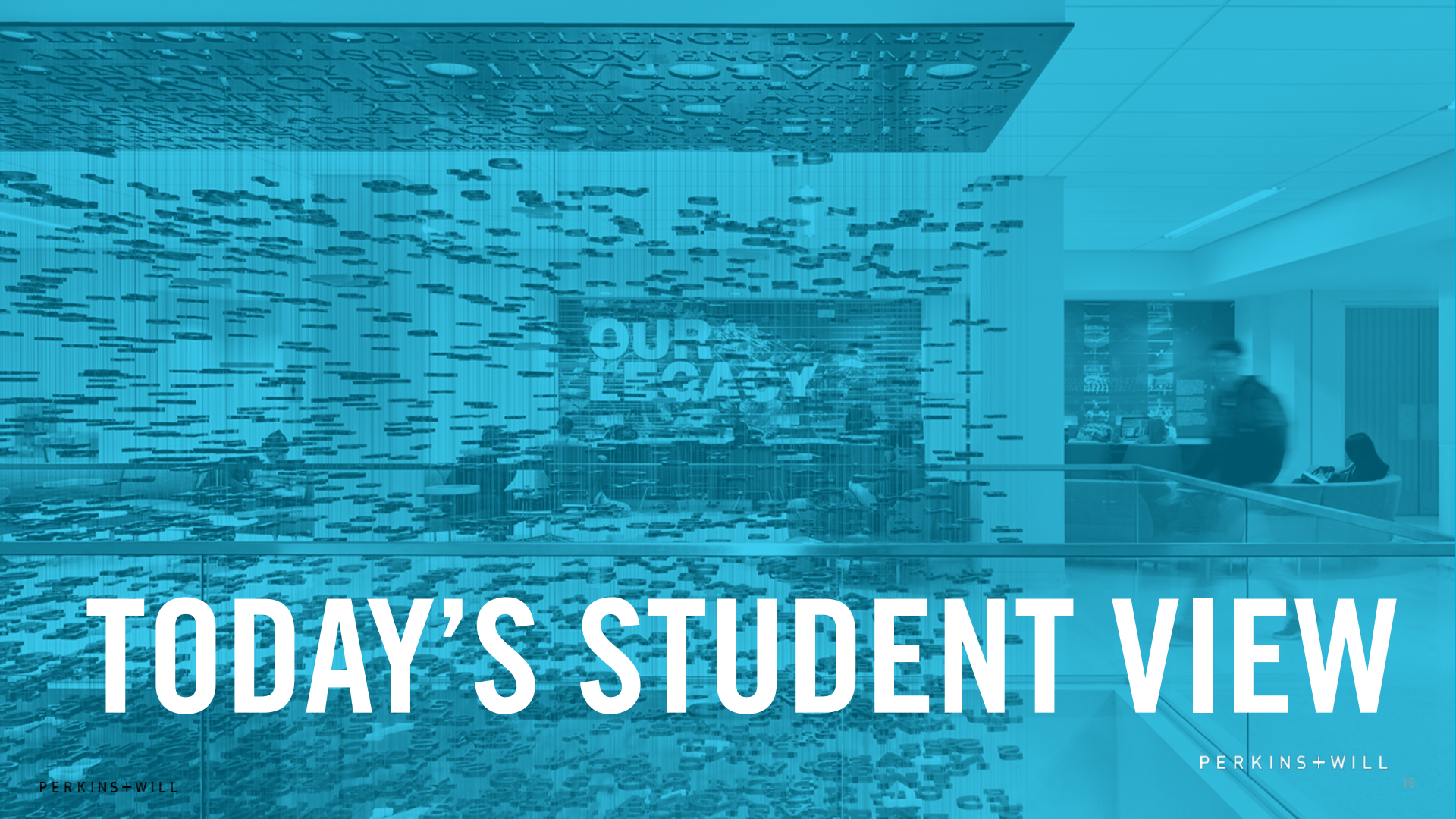


VIEW OF THE WORLD



VIEW OF THE WORLD





TODAY'S STUDENT VIEW



SEARCH + ACCESS



RAPID DELIVERY



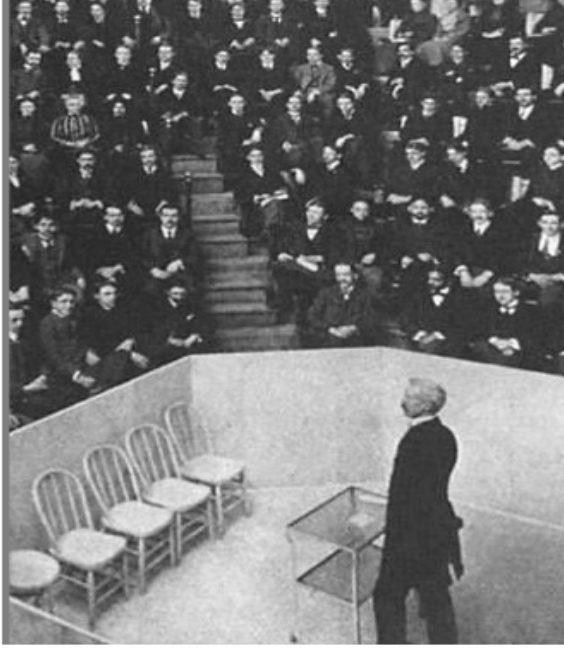
SERVICE AMBIENCE

THOMAS FRIEDMAN

“When I sat down to write ‘*The World is Flat*’ in 2004, Facebook didn’t exist, Twitter was still a sound, the cloud was still in the sky, 4G was a parking place, LinkedIn was a prison, applications were what you sent to college, and Skype was a typo. That all happened in 6 years.”



YESTERDAY

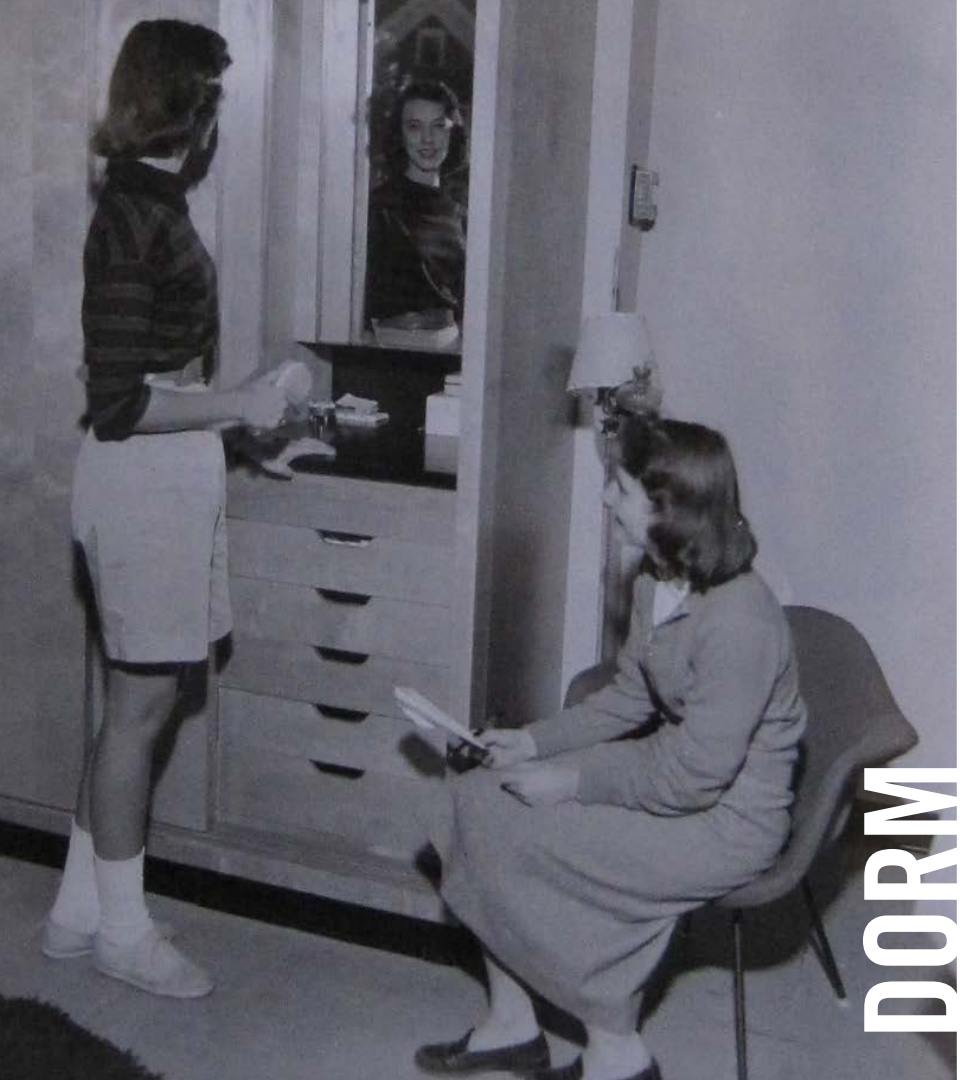


www.perkinswill.com

PERKINS+WILL | PORTLAND, OR

TODAY





DORM



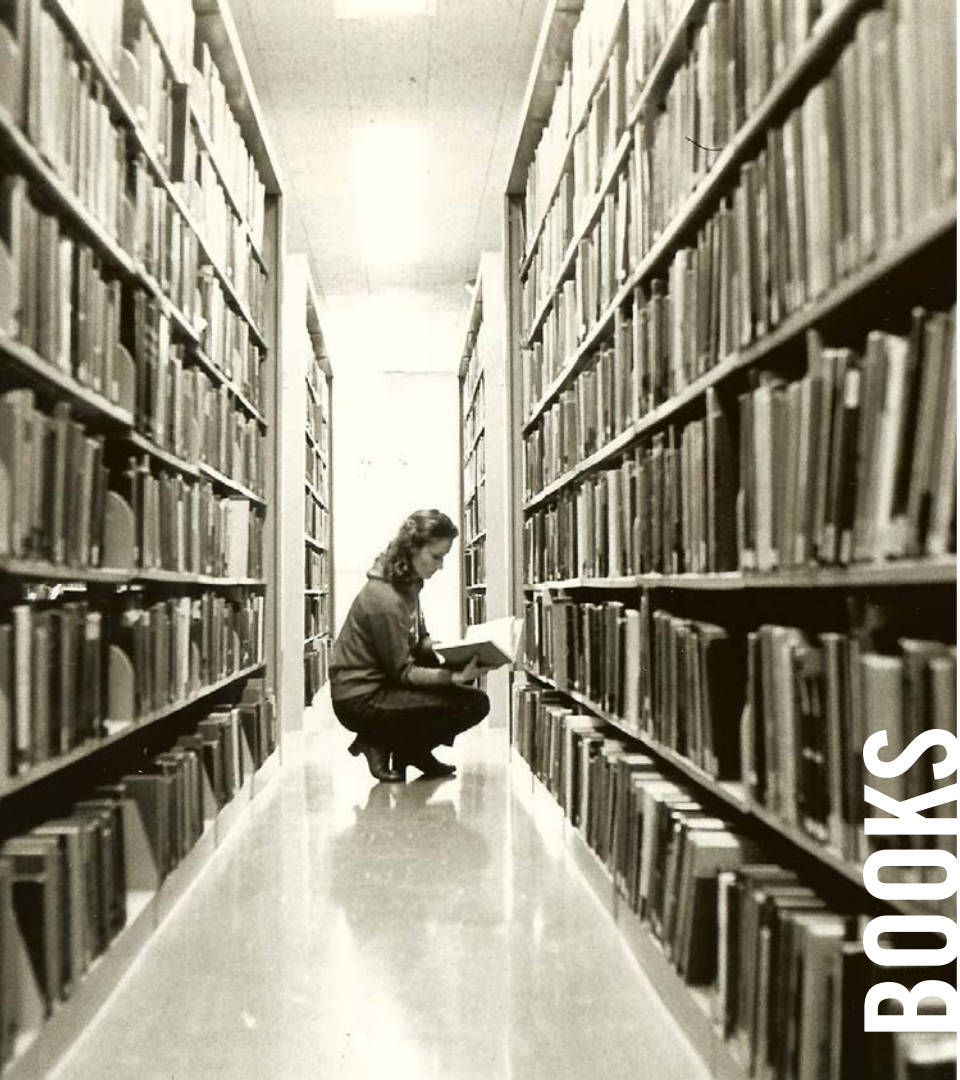
COMMUNITY



LECTURES



LEARNING



BOOKS



PEOPLE

GROWTH IN NON-TRADITIONAL

2000 – 2012

Under 25

35%

25 & Over

Growth

35%

2012-2023

Under 25

12%

25 & Over

20%



Source: [National Center for Education Statistics](#)

A COLLEGE FOR LIFE



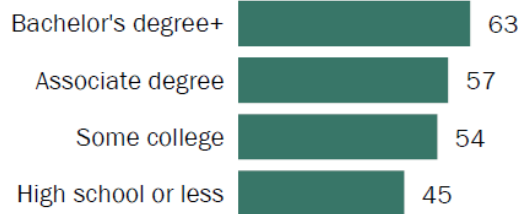
ONGOING TRAINING



ONGOING TRAINING

Adults with higher levels of education see a greater need for ongoing training

% among those in the labor force, saying it will be essential for them to get training and develop new skills throughout their work life



Note: "Some college" includes those who have attended college, but have not earned a degree.

Source: Survey of U.S. adults conducted May 25-June 29, 2016.

"The State of American Jobs"

.PEW RESEARCH CENTER



A low-angle photograph of five children jumping joyfully on a grassy hill. The children are in mid-air, with their arms raised and expressions of happiness. The background is a clear, bright blue sky. The children are wearing colorful clothing: a purple shirt and blue pants, a red top and orange pants, a light blue shirt and jeans, a pink top and light blue pants, and a light blue shirt and blue pants.

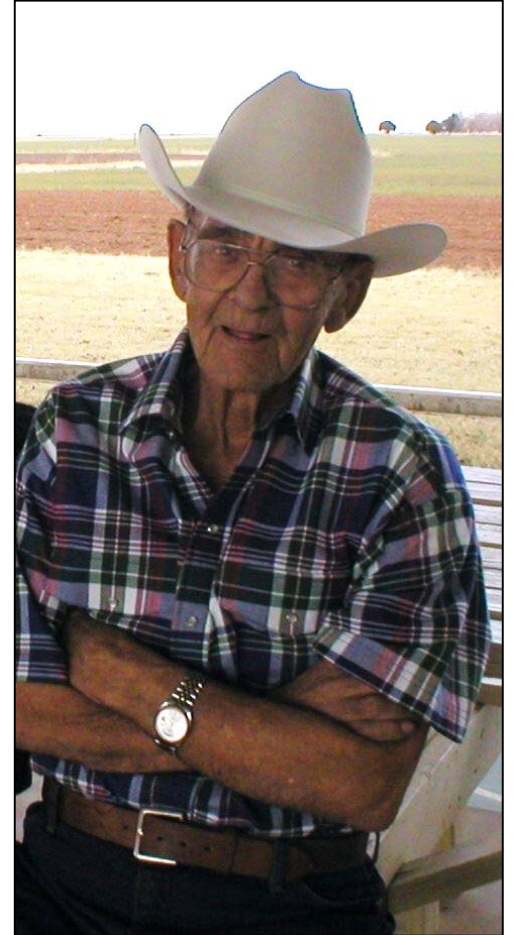
65% of children entering primary school today will work in jobs that don't exist yet

HOW TO MASTER PLAN (THE PROCESS)

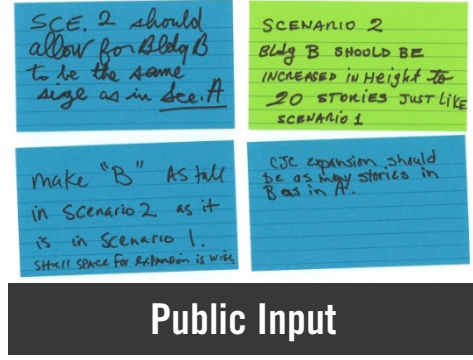
CONSENSUS BUILDING

“I’m against anything I’m not in on.”

- Carl Coulston



ENGAGEMENT TOOLBOX



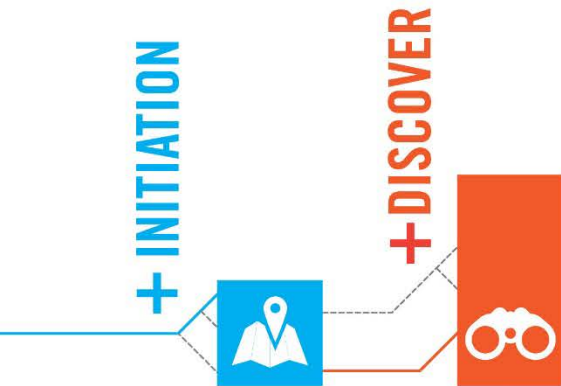
PROJECT PROCESS

+ INITIATION



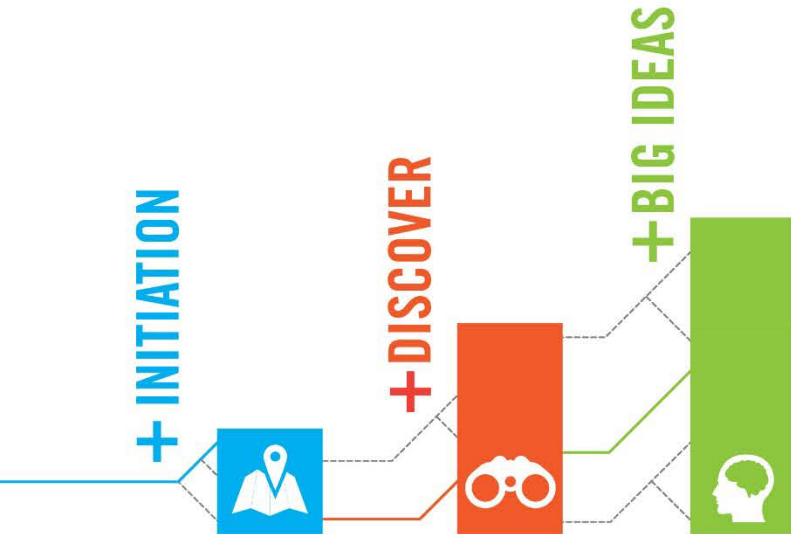
- Existing information/data gathering
- Form committee and stakeholder groups
- Master Plan listening sessions and tours
- Identify project goals and vision
- Agree schedule for project delivery

PROJECT PROCESS



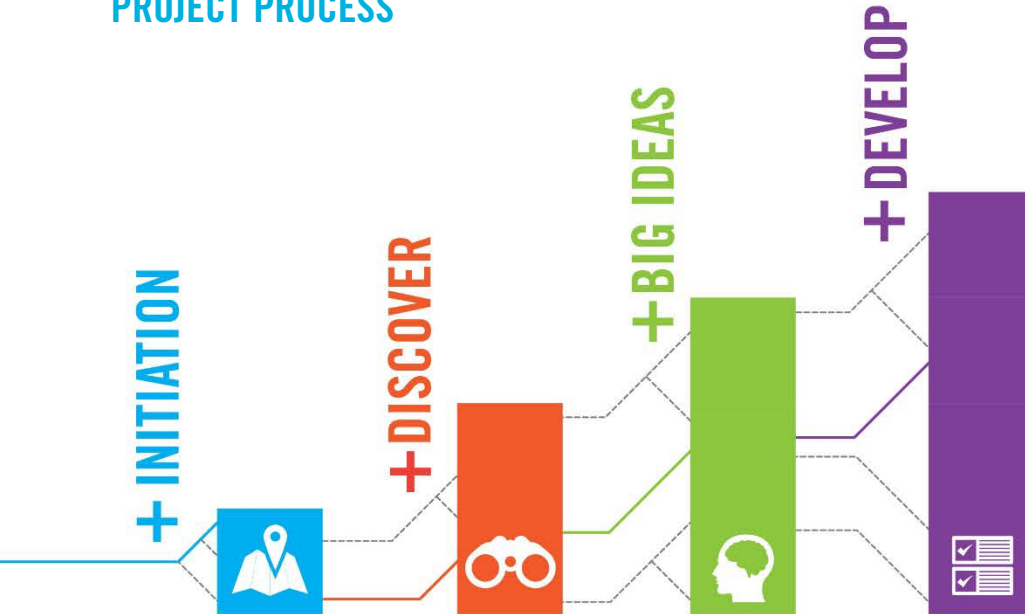
- Existing physical conditions analysis
- Existing facilities documentation
- Task Force and stakeholder interviews
- Assess existing and proposed academic program
- Create space and program needs analysis

PROJECT PROCESS



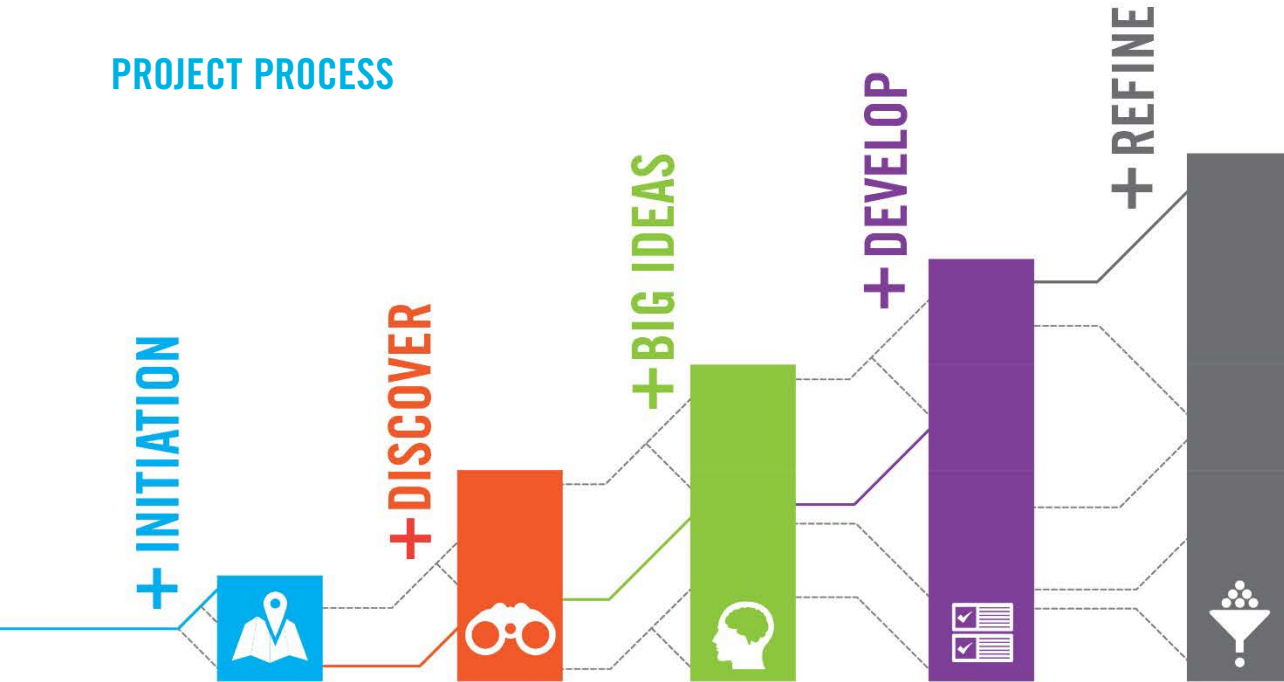
- Development of planning scenarios
- Generate big picture ideas
- Create key principles based on vision and goals
- Prepare preliminary space projections

PROJECT PROCESS



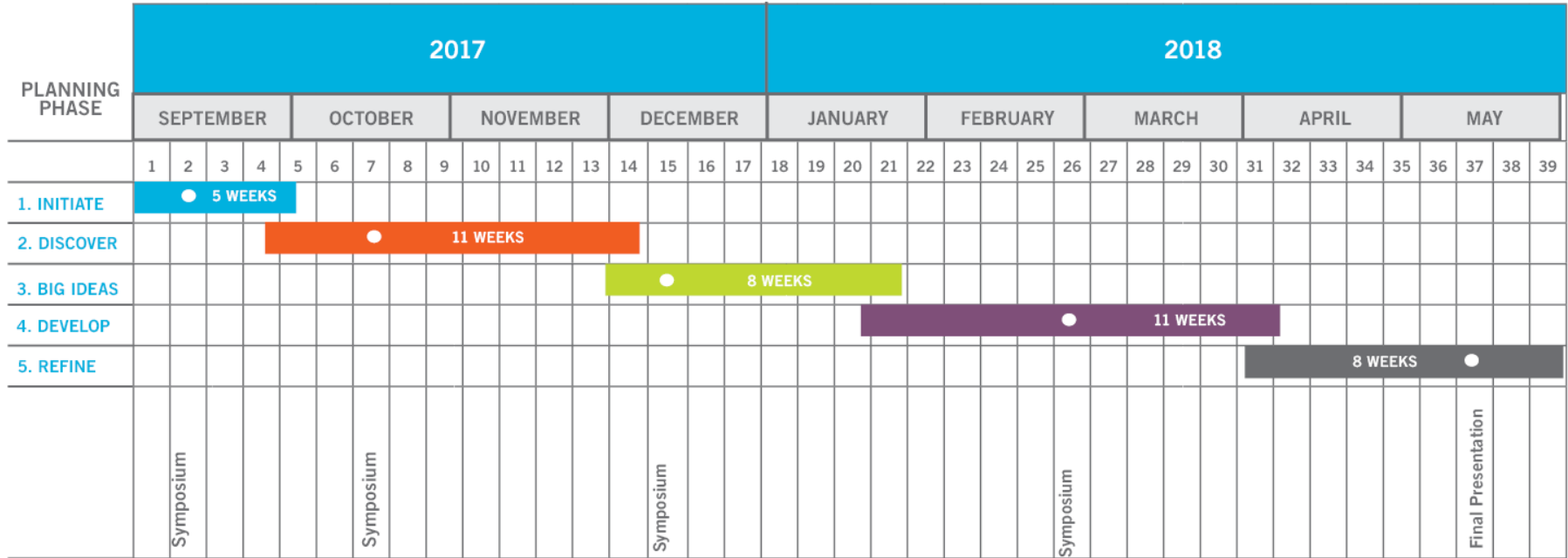
- Advance concept plan with greater level of detail
- Ensure alignment of program and concept
- Locate new facilities if necessary and evaluate the re-use of existing facilities
- Illustrate ideas through detailed drawings, construct detailed quantitative visuals
- Evaluate cost effectiveness and estimate construction costs

PROJECT PROCESS



- Finalize space-program and recommendations
- Create implementation plan
- Refine construction cost estimates
- Create list of facilities projects and phasing timeline
- Create draft and final report

PROJECT SCHEDULE



STAKEHOLDER GROUPS

The A&M System Board of Regents

STEERING COMMITTEE

ADVISORY COMMITTEE /
TASK FORCE

Will sign off the final master plan once completed.



THE TEXAS A&M
UNIVERSITY SYSTEM

STAKEHOLDER GROUPS

The A&M System Board of Regents

STEERING COMMITTEE

ADVISORY COMMITTEE /
TASK FORCE

Usually comprised of institutional executive administration, this group is the **lead decision-making body**. The Steering Committee will make decisions on all aspects of the project.



STATS:

- Number of People 6-10
- Convenes as part of the master planning process workshops (and web-conferences if necessary)
- Typical meeting length 90-120 minutes
- Key Role: Direction on key decision

STAKEHOLDER GROUPS



The A&M System Board of Regents

STEERING COMMITTEE

ADVISORY COMMITTEE

This group will provide ***input and recommendation*** on the master plan to the Steering Committee. The Advisory Committee's recommendations will be on functional, operational, programming, aesthetic, and technical aspects of this project. Comprised of university representatives including faculty, staff, students, and community members.

STATS:

- Number of People 16-20
- Convenes as part of the master plan workshop process
- Typical meeting length 90-120 minutes
- Key Role: Topic based advice and campus insights

STAKEHOLDER GROUPS



The A&M System Board of Regents

STEERING COMMITTEE

ADVISORY COMMITTEE

USER GROUPS

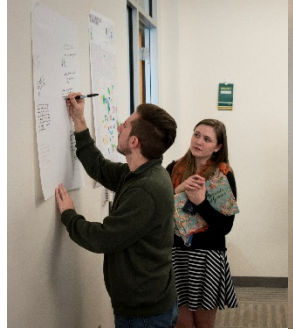
Initial User Groups (Symposium 1):

- Student Life
- Athletics
- Academics + Research

Potential Future User Group Discussions:

- Transportation + Mobility
- Resiliency + Sustainability
- TBD...

STAKEHOLDER GROUPS



The A&M System Board of Regents

STEERING COMMITTEE

ADVISORY COMMITTEE

USER GROUPS

PUBLIC + COMMUNITY

Potential External Stakeholders:

- City of Canyon
- City of Amarillo
- Chamber of Commerce
- Canyon ISD
- Foundations

WHAT'S IN A MASTER PLAN?

An aerial photograph of a large football stadium, heavily packed with spectators. The field is visible in the center, with yard lines and numbers. The entire image has a blue color cast. The text "THIS IS AN UPDATE" is overlaid in white, bold, sans-serif font across the middle of the stadium.

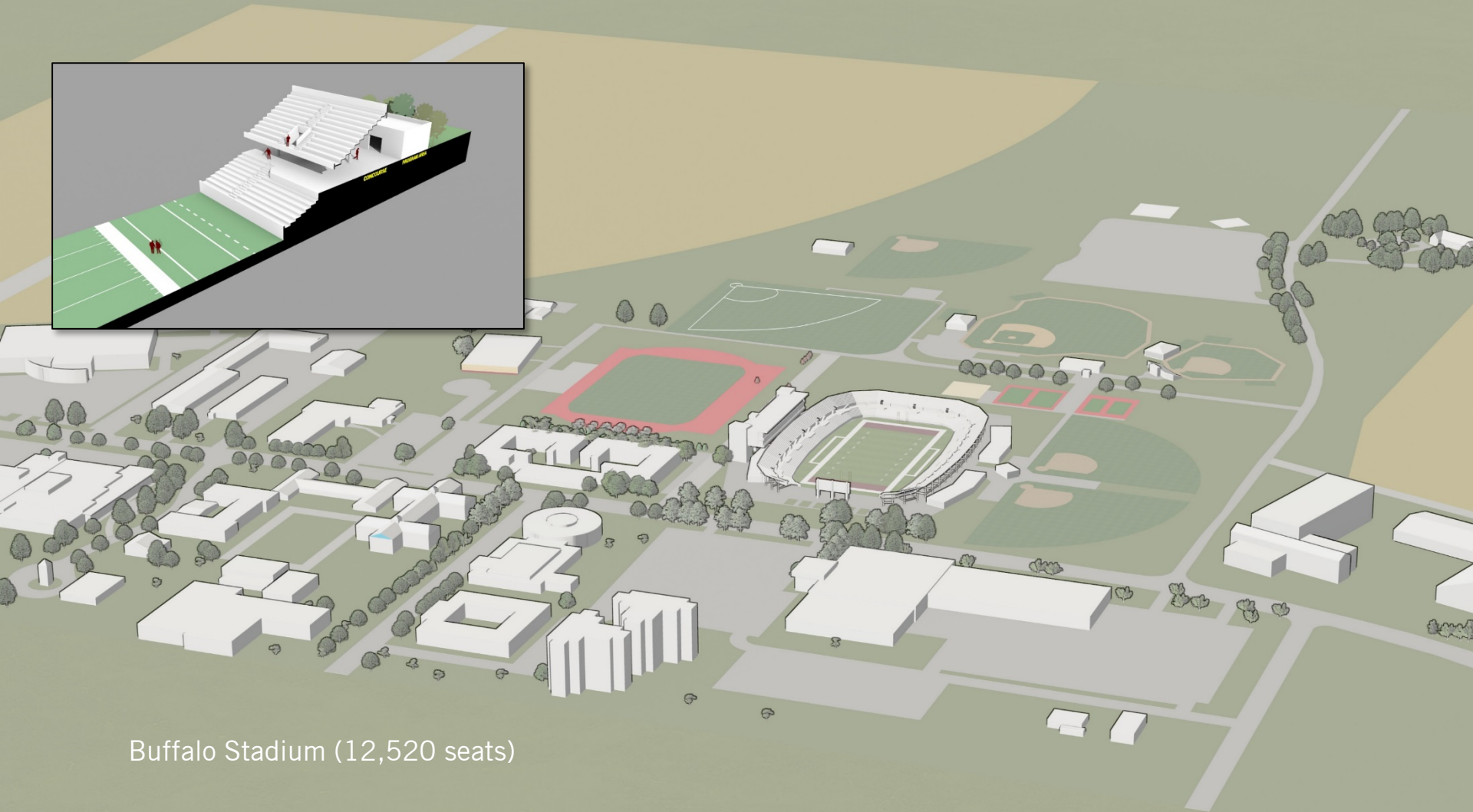
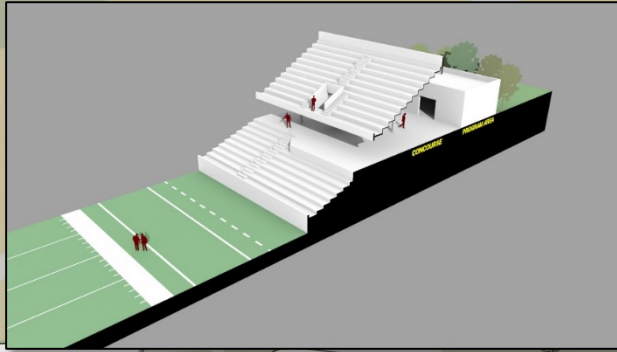
THIS IS AN UPDATE



AGRICULTURAL
SCIENCES COMPLEX

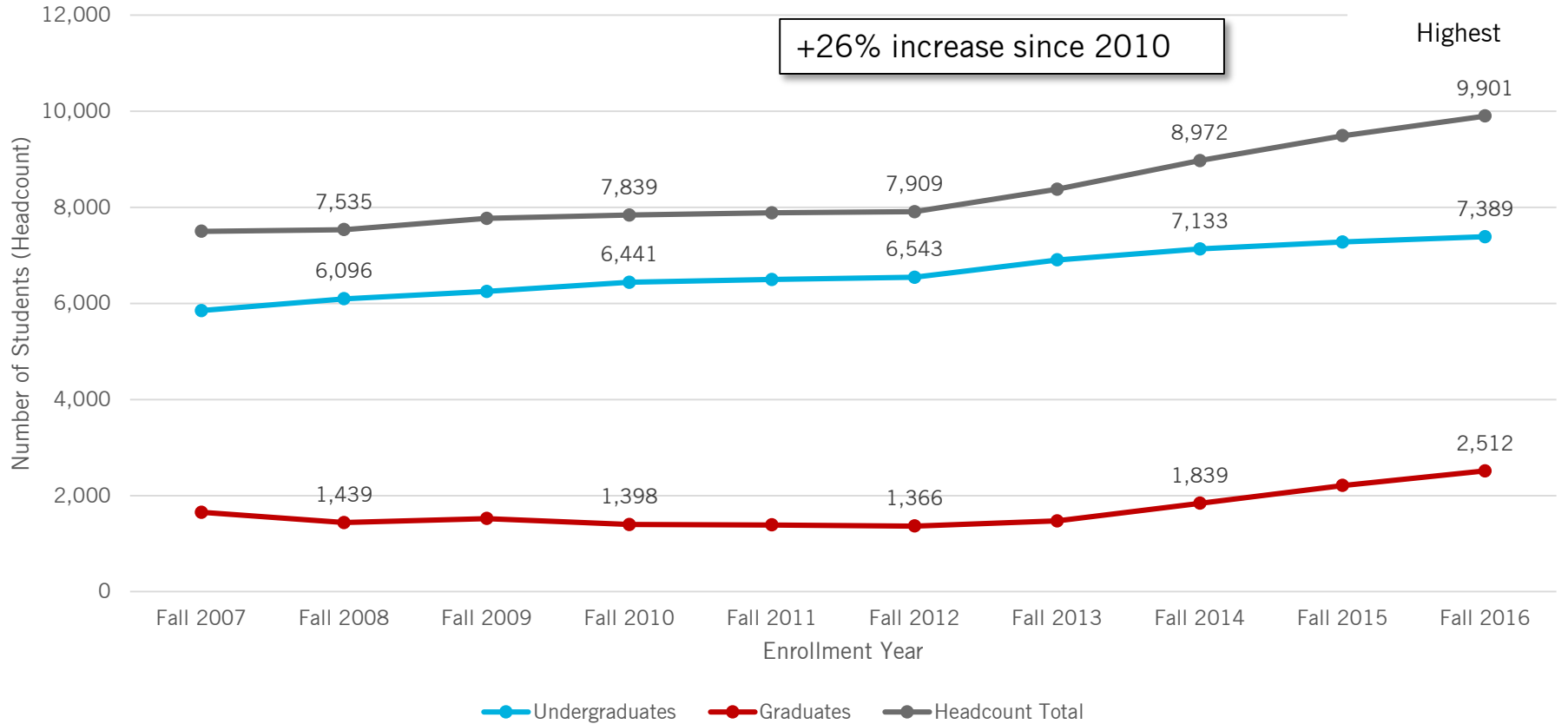
AGRICULTURAL SCIENCE

Agricultural Sciences Building (\$50 million 150,000sf)

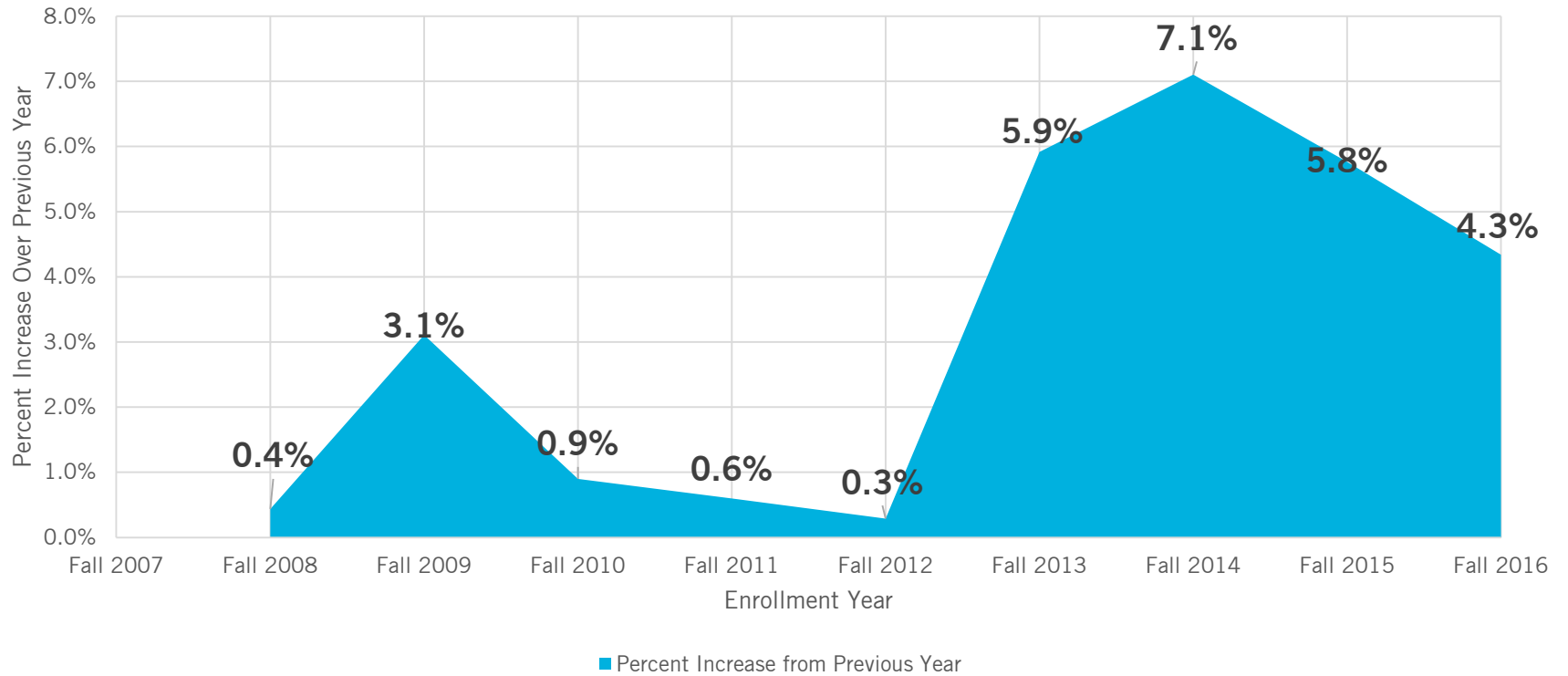


Buffalo Stadium (12,520 seats)

West Texas A&M Enrollment

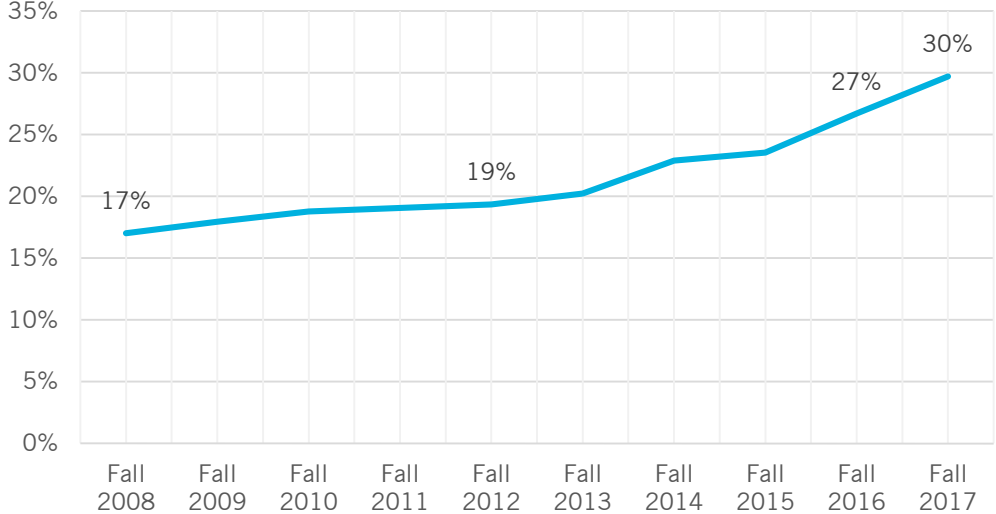


Enrollment Percent Increase Annually West Texas A&M University

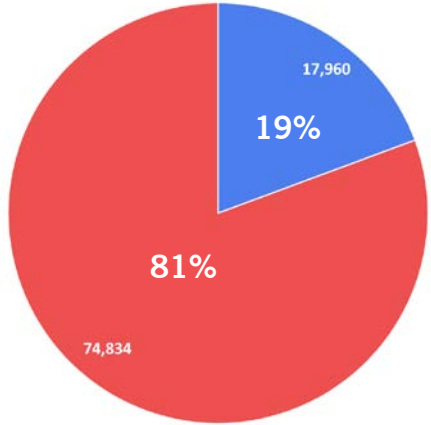


Change in Courses Taught Online

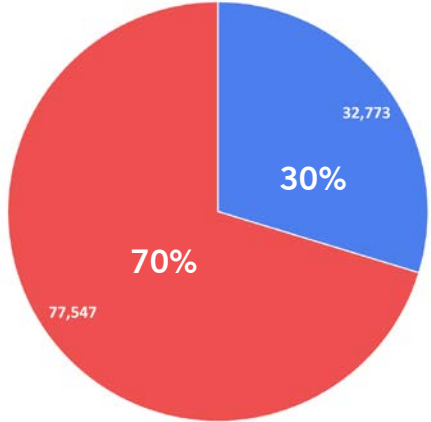
Percent of Course Hours Online



Source: Institutional Research, West Texas A&M University



2012



2017

■ = in-person contact hour
■ = online contact hour

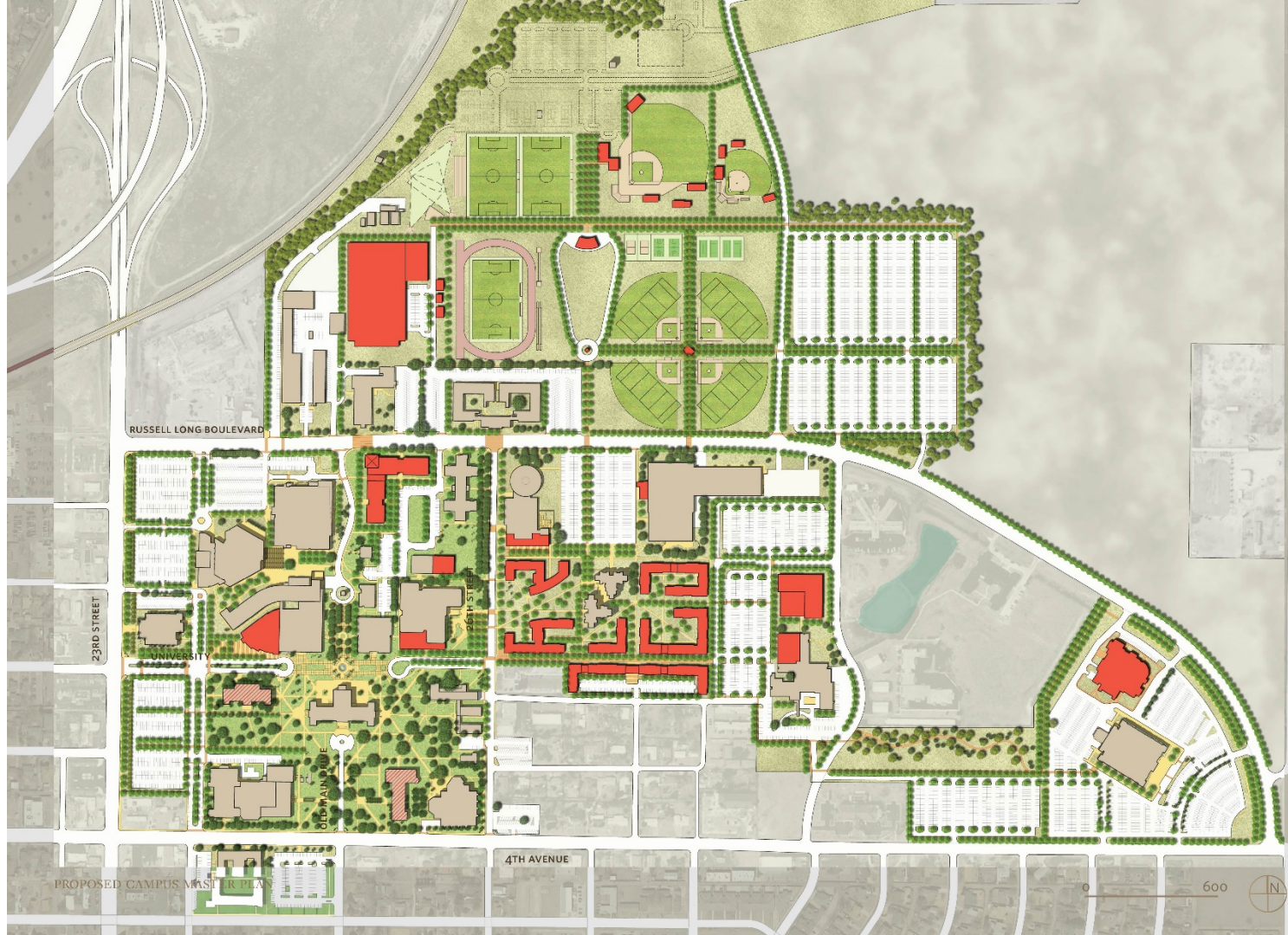
2010 MASTER PLAN

EXISTING CAMPUS



PREVIOUS
MASTER PLAN

SASAKI ASSOCIATES
2010



IMPLEMENTED PROJECTS

Projects (In Master Plan)

- Jack B. Kelley Student Center Expansion
- Old Main Entry Improvements
- Central Plant Expansion
- Centennial Hall
- Founders Hall
- Bain Athletic Center (partial/ smaller footprint)
- Soccer / Track Stadium
- Buffalo Sports Park Lawn
- North Parking Lot
- ECS Renovation
- Activities Center Renovation
- 23rd / University Ave
- Hudspeth Hall Demolition
- Old Fine Arts Building Demo

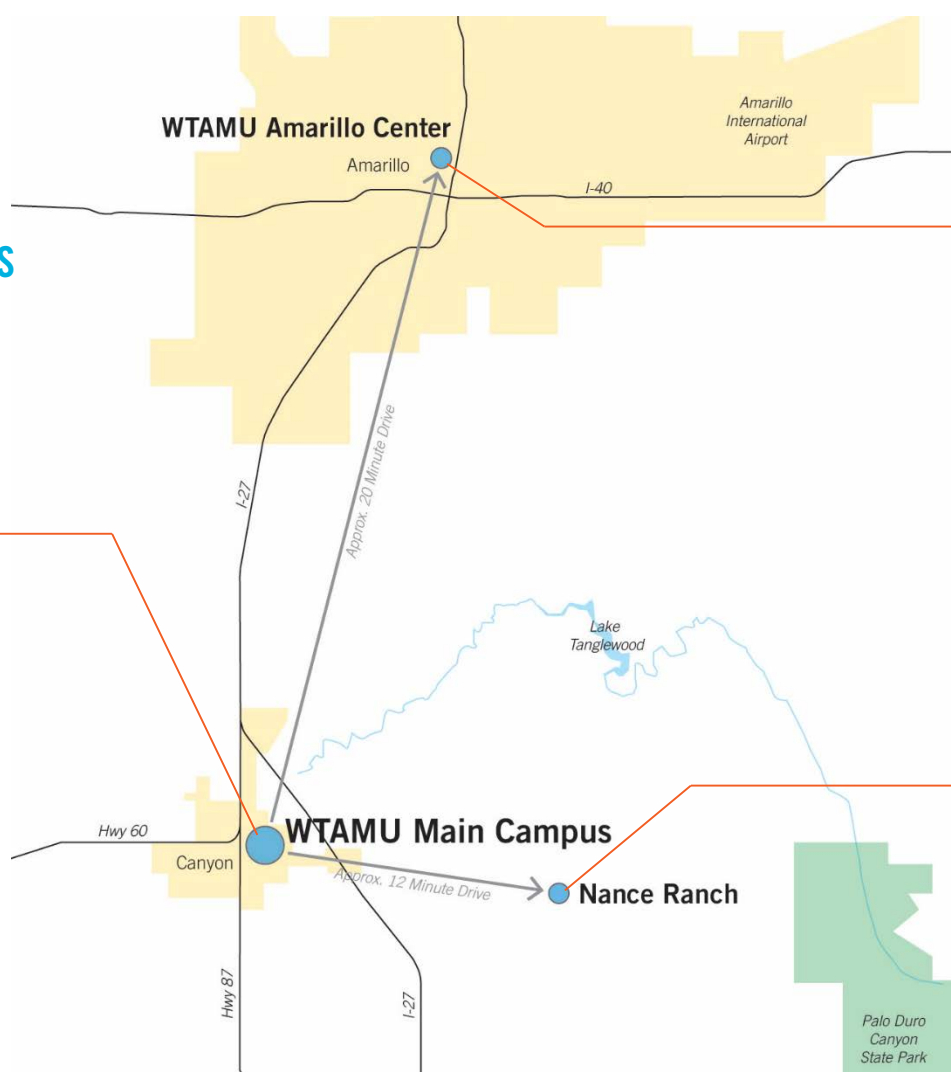
(Not in Master Plan)

- Agriculture Complex



CAMPUS UNDERSTANDING IMMERSION

REGIONAL CONTEXT & CAMPUS RELATIONSHIPS



MAIN CAMPUS

- 250 acre Main Campus.
- Home of the Buffaloes and over 2500 on-campus residents.
- Serves approx. 10k students.
- 58 undergraduate programs
- 39 masters programs
- 1 doctorate program.
- Location of the Panhandle-Plains Historical Museum.

AMARILLO CENTER

- 15 miles north of the Main Campus located in Downtown Amarillo.
- Offers select upper-level and Graduate courses.
- Serves approx. 420 students
- Moving into a new facility Fall of 2018.
- Houses specialty programs such as the Communication Disorders Program, Speech and Hearing Clinic, and Center for Learning Disabilities.

NANCE RANCH

- 7 miles east of the Main Campus.
- 2,310 Acre working agriculture, biology and environmental lab
- Testing facility for renewable energy sources, specifically wind turbines. 56

ECOREGION



SOUTHERN TABLELANDS

Amarillo, TX

Canyon, TX

HIGH PLAINS : Llano Estacado

SOUTHERN TABLELANDS

LIMESTONE + SANDSTONE PEAKS, PLATEAUS, AND FORMATIONS

SHRUB LAND

juniper- sand sage- prickly pear -
yucca - fourwing saltbush

VISABLE GEOLOGIC LAYERS

UNDERLYING GRASS COVER

side oats gramma - bluestem-
buffalograss

WATER FLOW AND ERROSION

RED CLAYSTONE

VEGETATION NICHES

low exposure - higher moisture

Southern Tablelands

HIGH WIND AND SUN EXPOSURE

FLAT TOPOGRAPHY

97% of Llano Estacado is tilled for agriculture

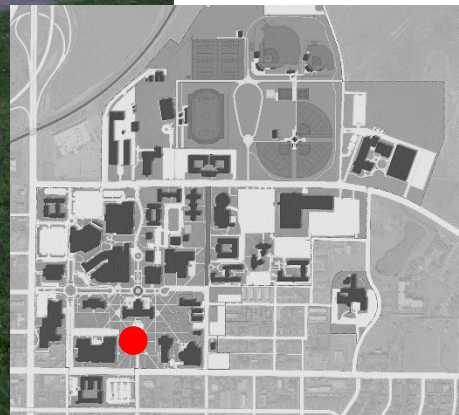
DOMINANT GRASS COVER

HIGH PLAINS : Llano Estacado

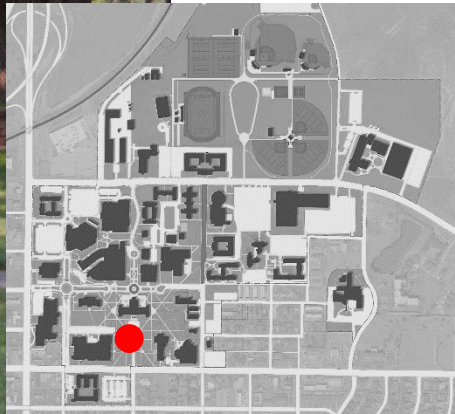
MAIN CAMPUS

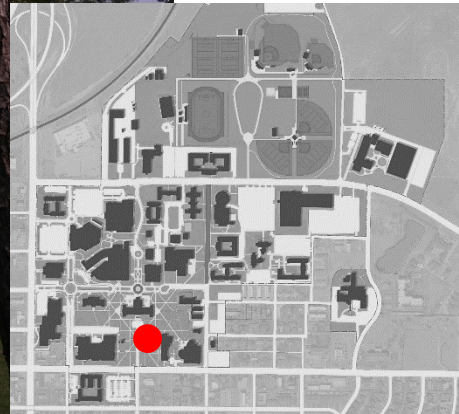




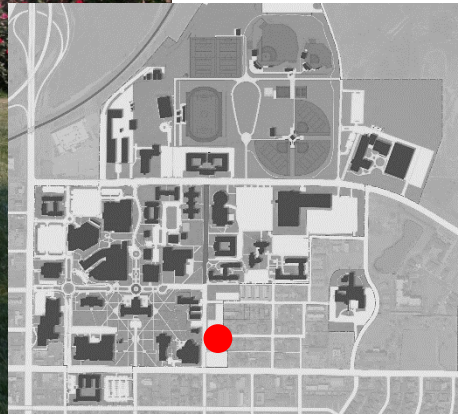






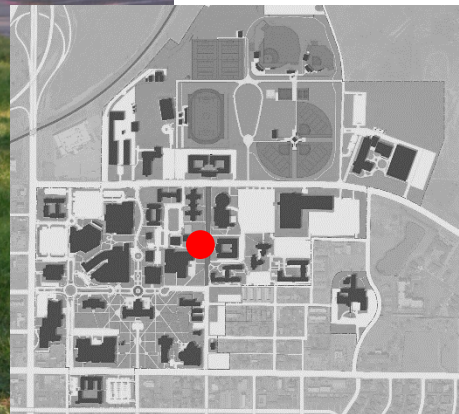


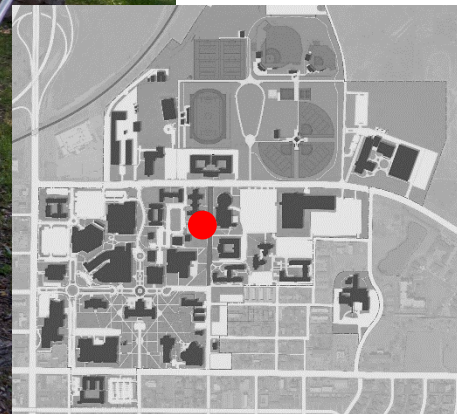




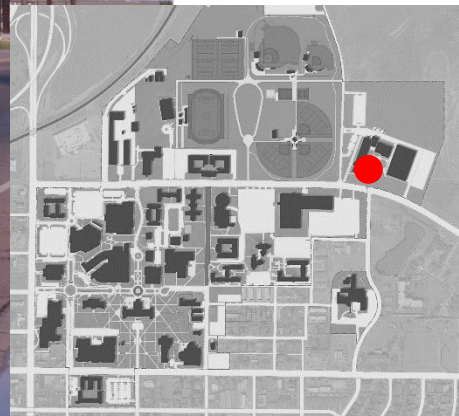














OPEN SPACE

EXISTING TYPOLOGIES



quad



pedestrian mall



recreation



courtyard



plaza



entry

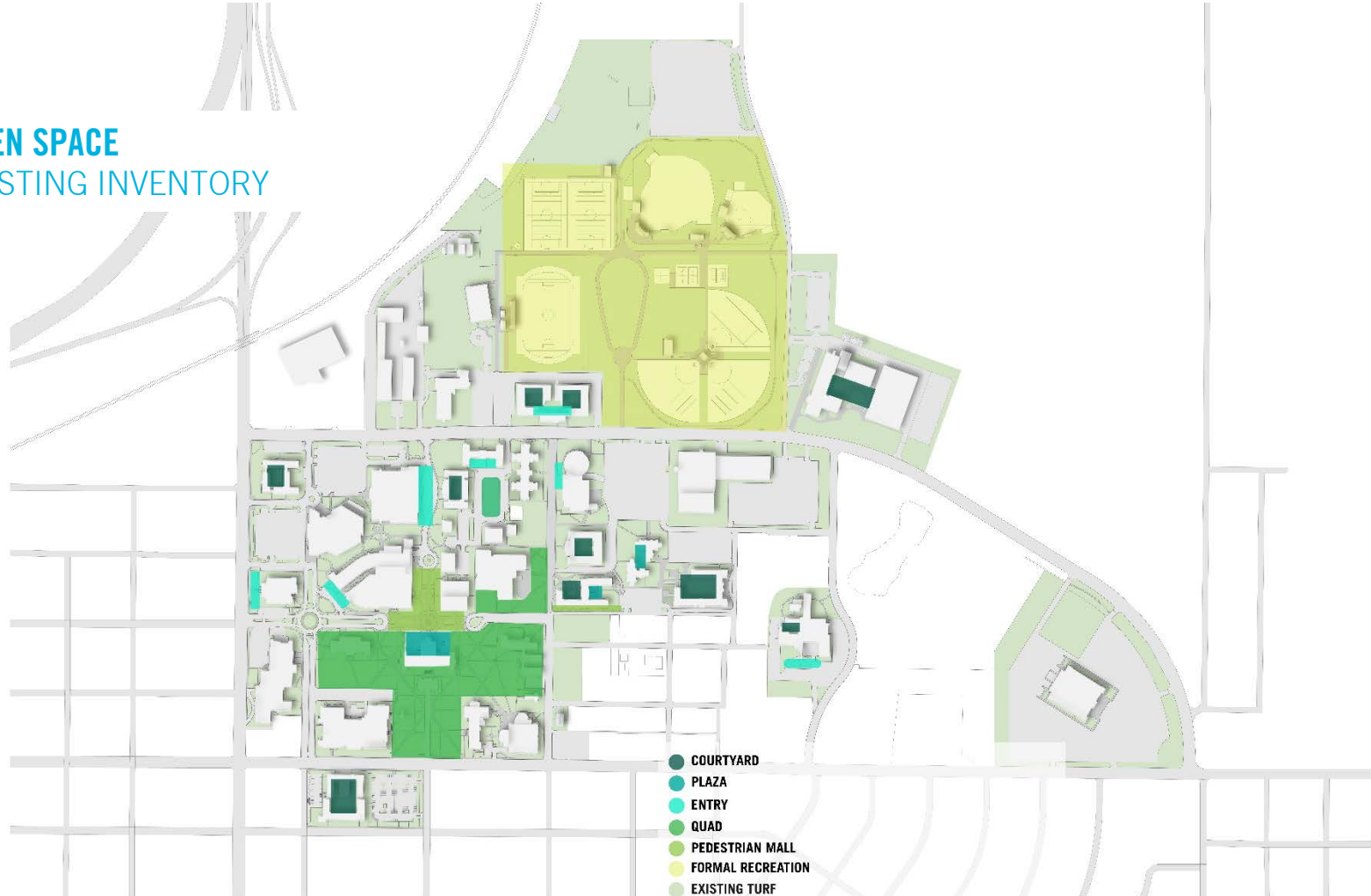


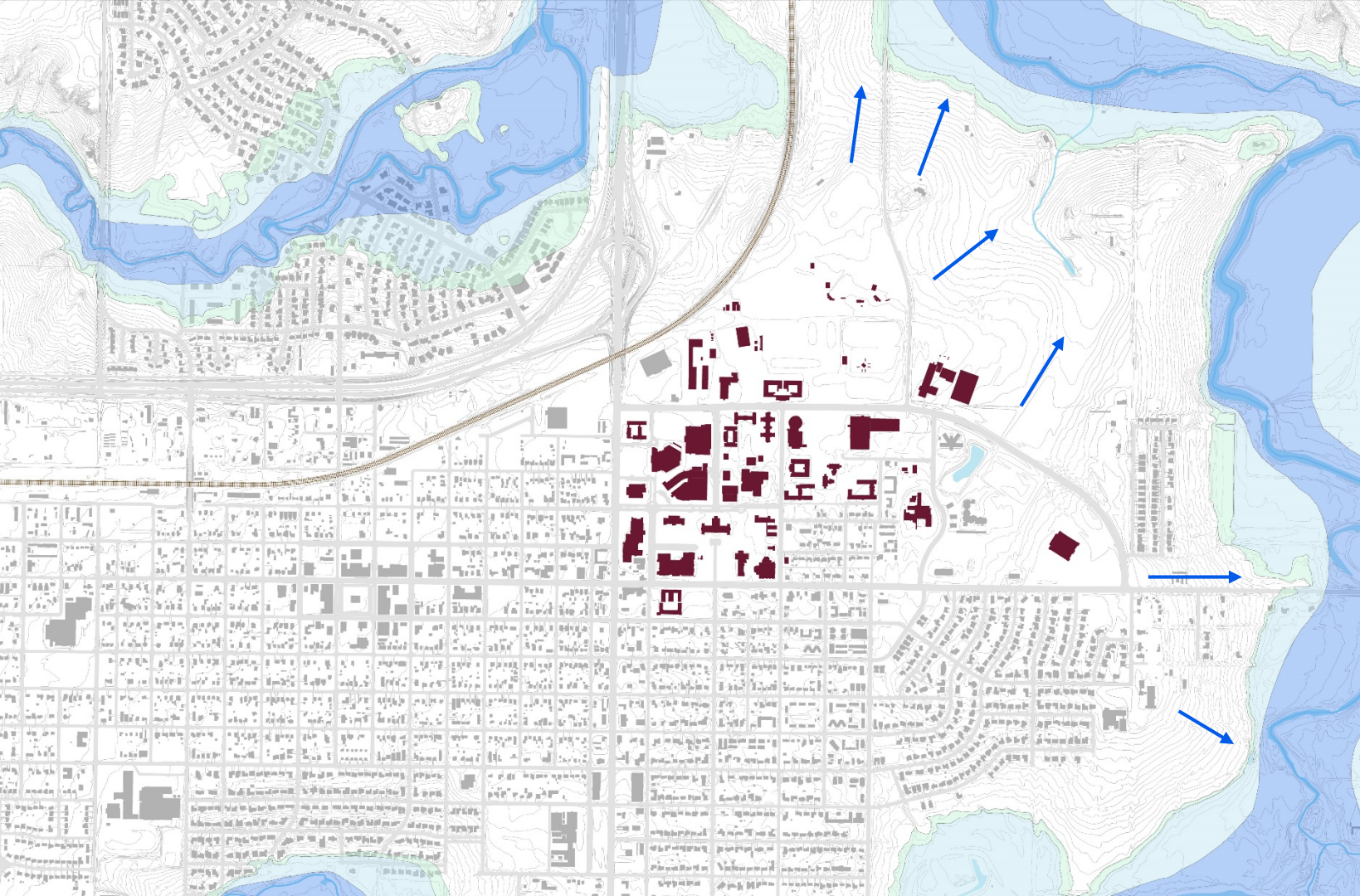
historic






allee

OPEN SPACE EXISTING INVENTORY





FEMA Floodplain

-  Floodway
-  100-yr
-  500-yr

OPEN SPACE

CLIMATE CONDITIONS : WATER

RAIN

- Average of 20in per year.
- Average number of days with any measurable precipitation is 35.

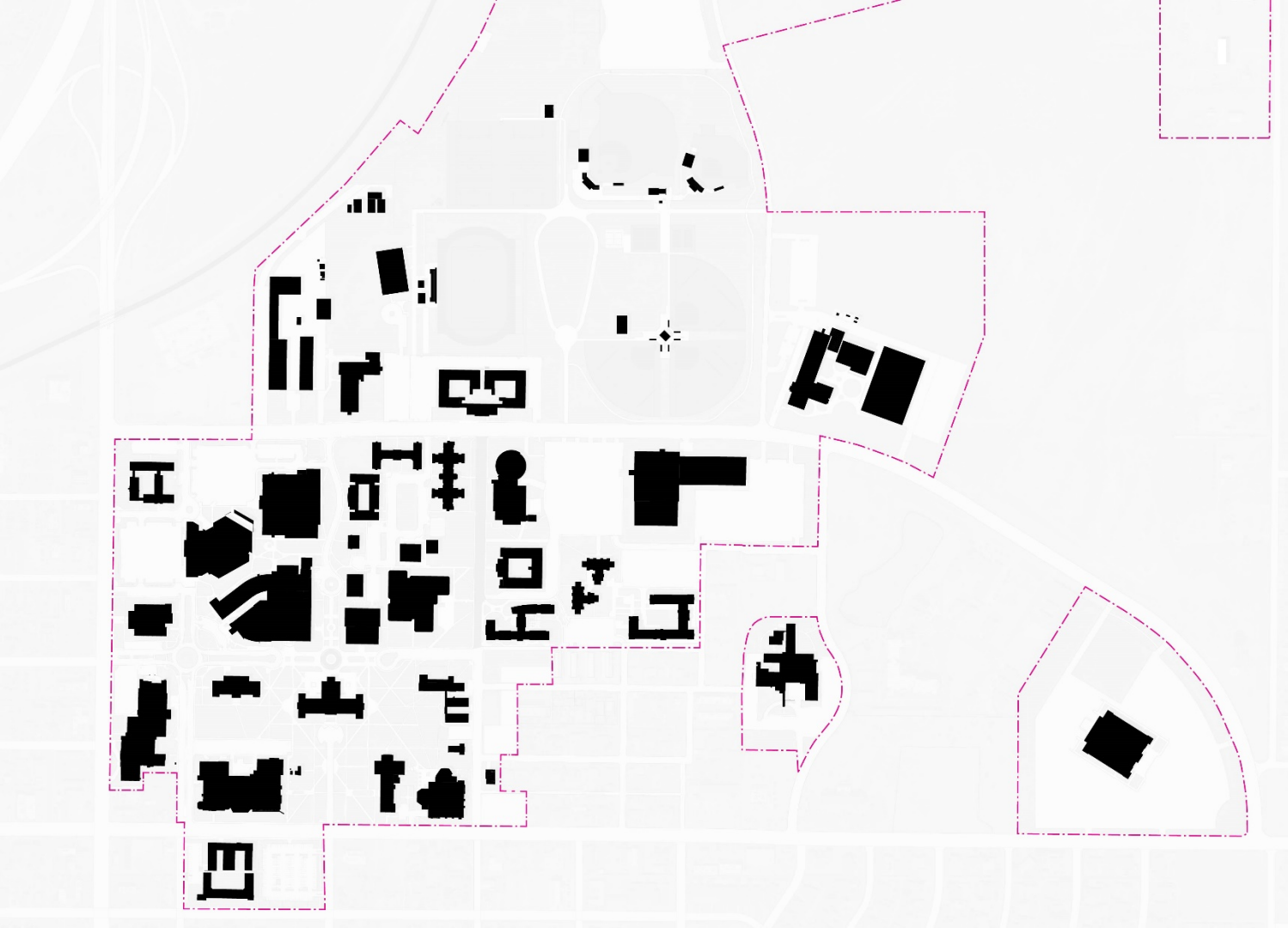
AQUIFER

- High Plains Aquifer System: Since the 1950s, the amount of water stored in the aquifer has declined by more than 50 percent. (EPA, 2016)
 - Drought
 - Increased irrigation needs to warming weather

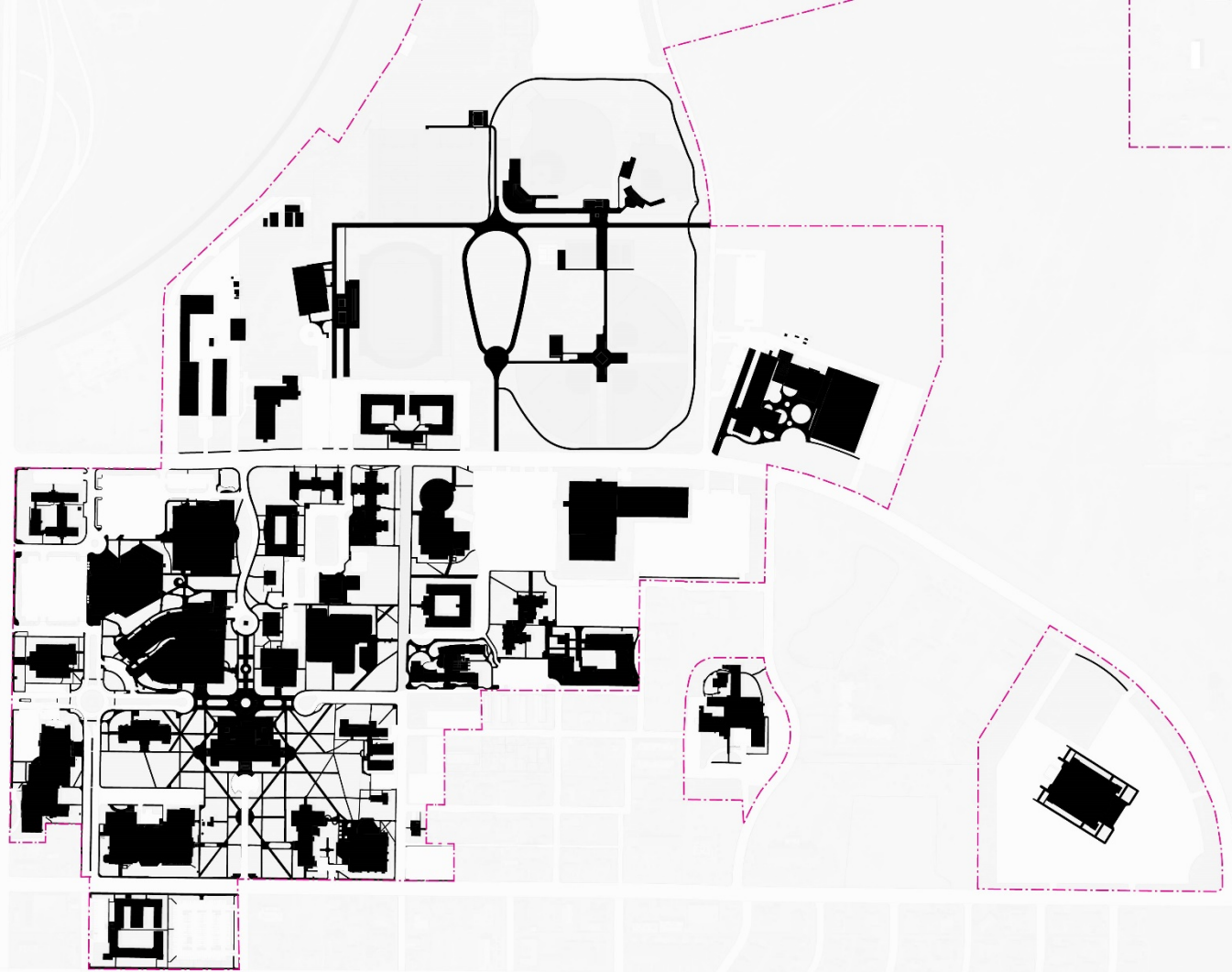
FLOODING

- *Over the next several decades, the amount of rainfall during the wettest days of the year is likely to continue to increase, which would increase flooding. (EPA, 2016)*

EXISTING BUILDINGS



EXISTING WALKWAYS



EXISTING STREET NETWORK



EXISTING PARKING

(TOTAL PERVIOUS)



HOW DO WE MAKE THIS...



FUNCTION LIKE THIS?

PARKING

To add 500 spaces... *USGBC 2014*

Surface

@ \$3k / space

+ \$100-200/space/year

\$1,500,000

Garage

@ \$20k / space

+ \$550-650/space/year

\$10,000,000

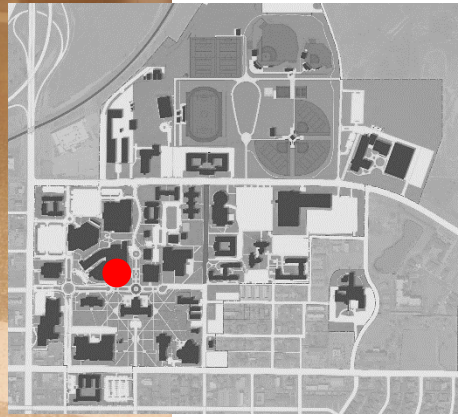




INFORMATION DESK ←
RESTROOMS ←
LEGACY HALL ←
STUDENT SUCCESS CENTER ↑

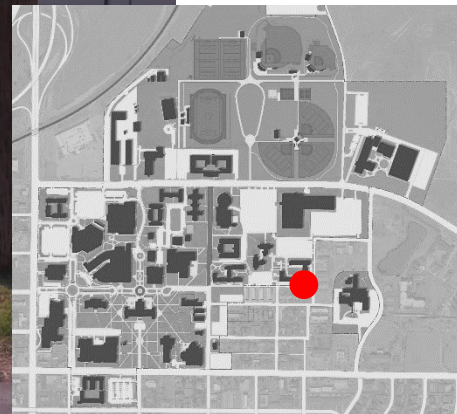
EXIT

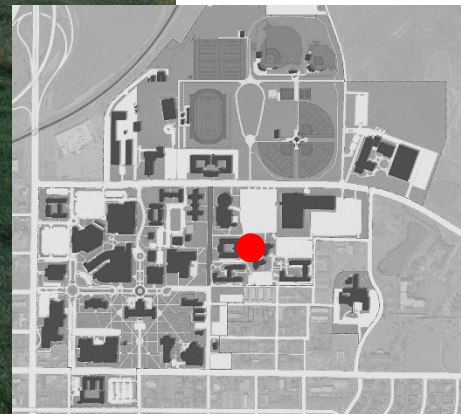
BUCKS COFFEE



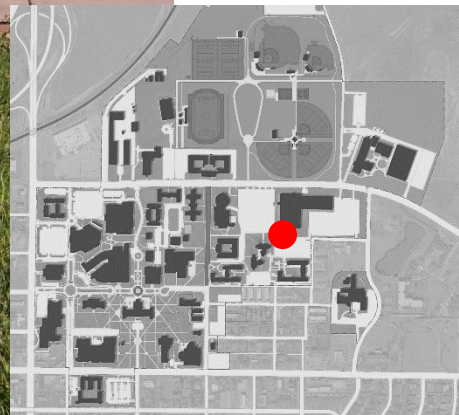












AMARILLO CENTER



**Current Location
in Chase Tower**

**New Location
Opening Fall 2018**

S. Tyler Street

8th Avenue

W 5th Ave

SW 6th Ave

SE 6th Ave

SW 7th Ave

SE 7th Ave

87

E 8th Ave

S Polk St

S Taylor St

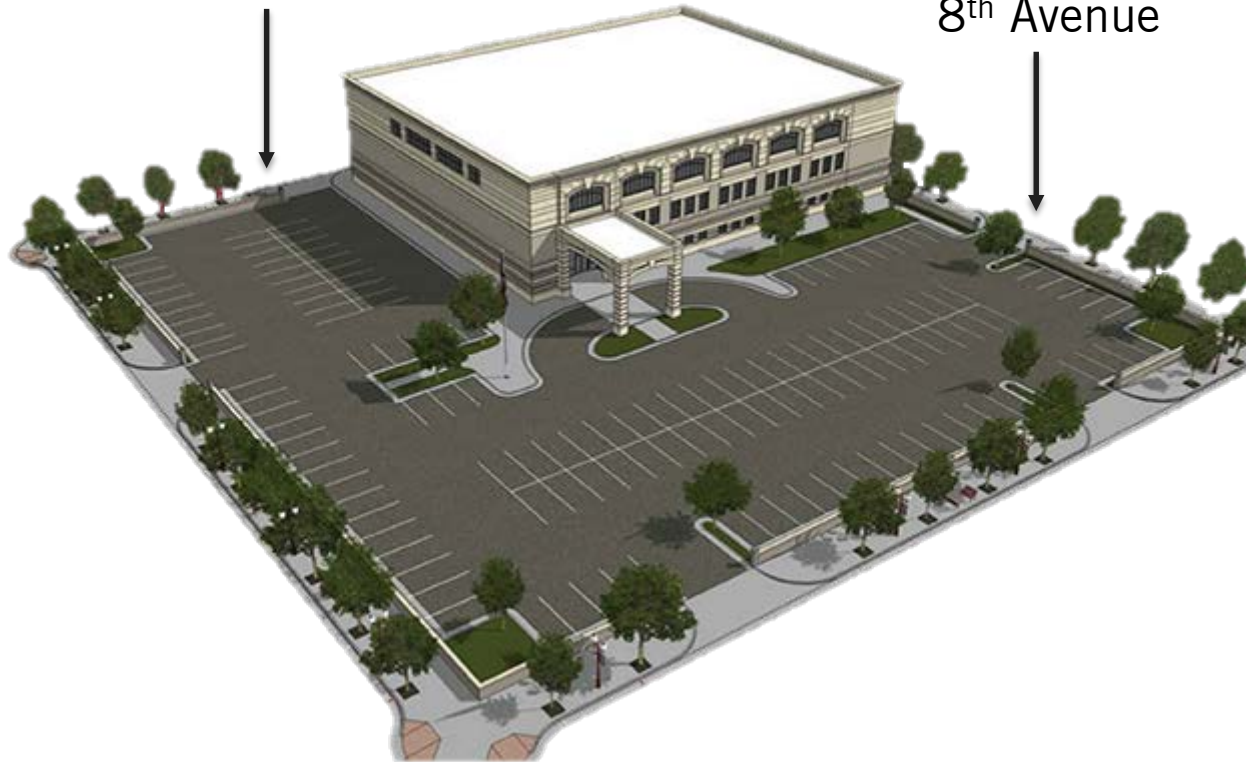
Hwy 60

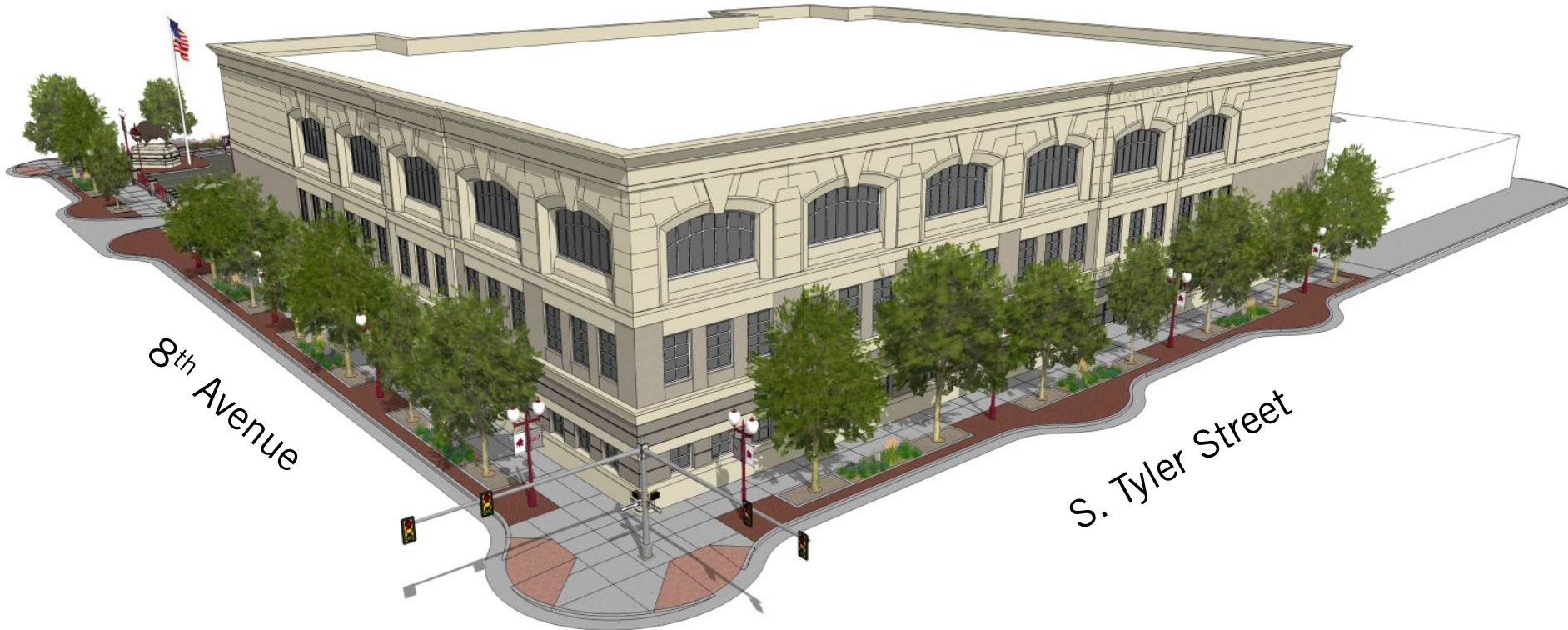
287



S. Tyler Street

8th Avenue





What are your favorite
spaces on campus?

If you could improve
one thing about
campus, what would it
be?

What is the most important issue you would like us to address in this process?