



# Facilities Committee

*Billy Breedlove*

*Vice Chancellor - Facilities Planning & Construction*

*May 4-5, 2023*



# Approve total project budget for the Carr Hall Renovation project and accept the Design-Build GMP

*Billy Breedlove*



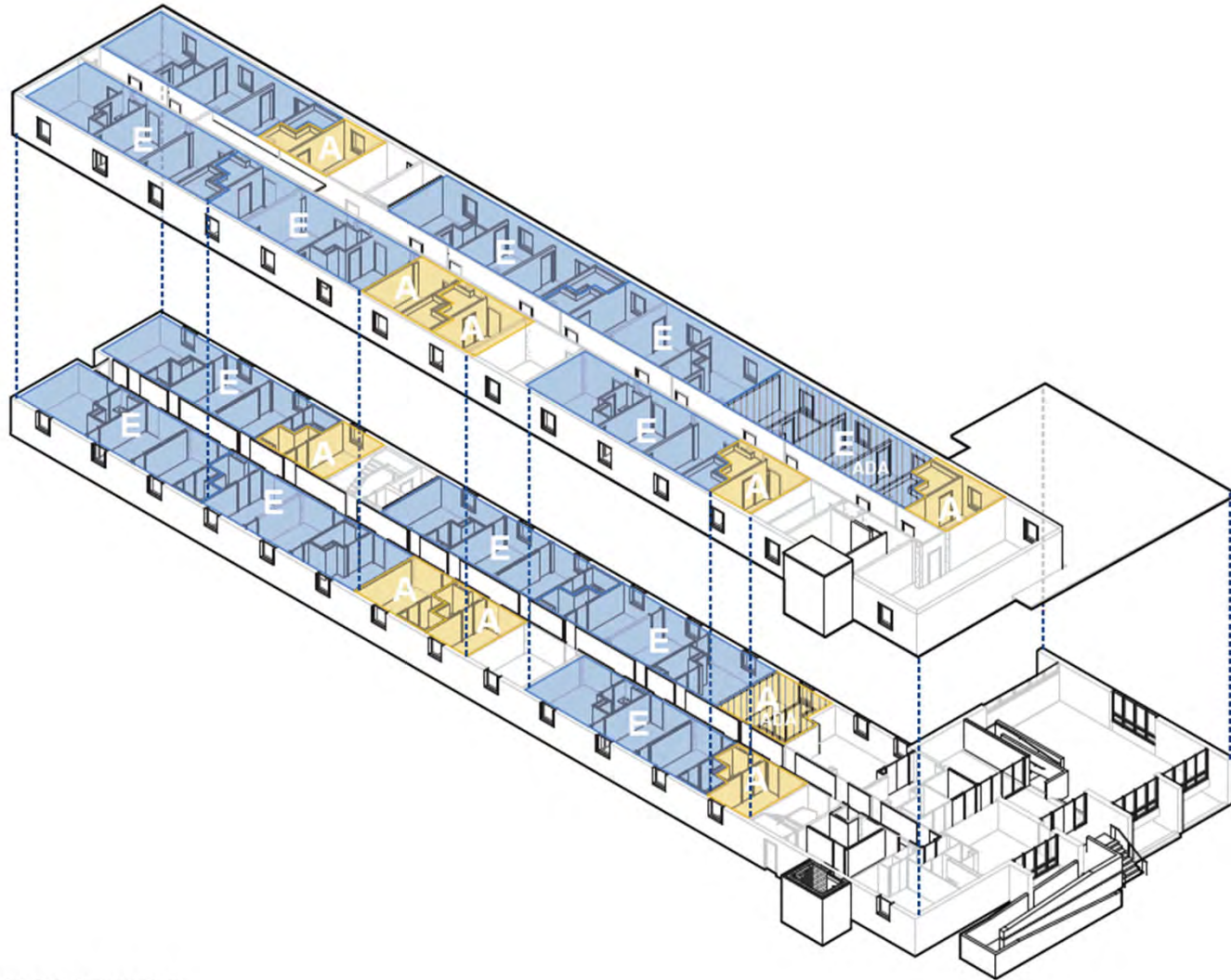


# Carr Hall





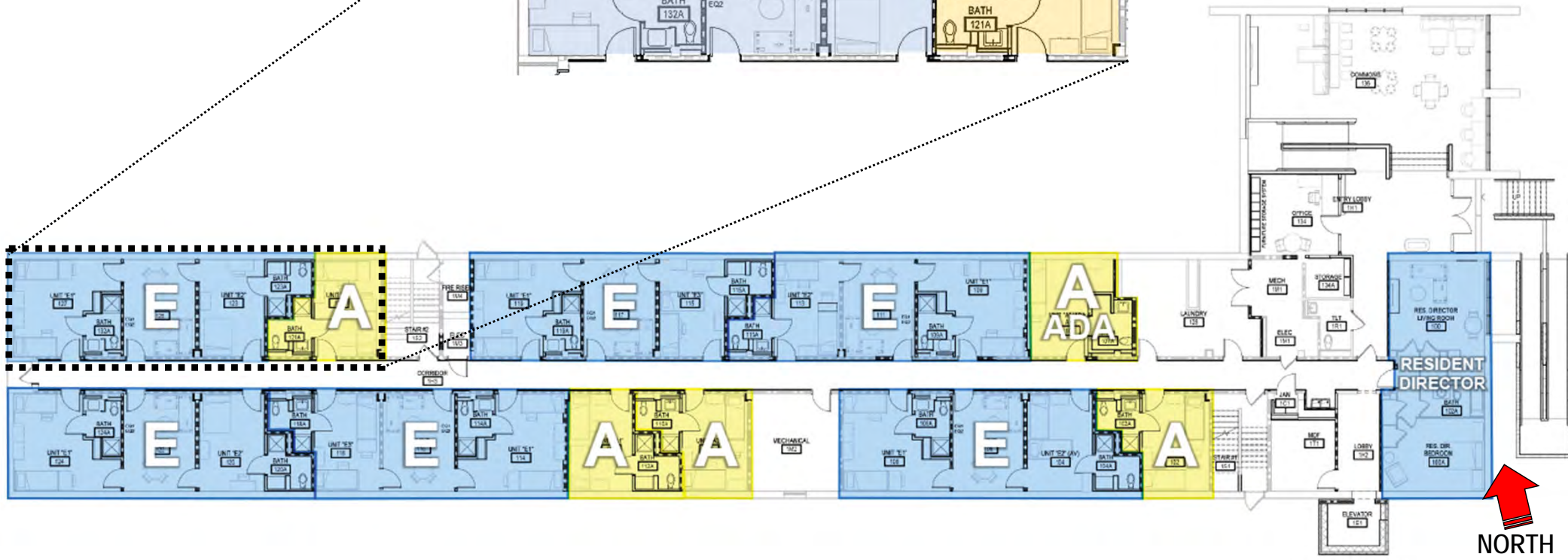
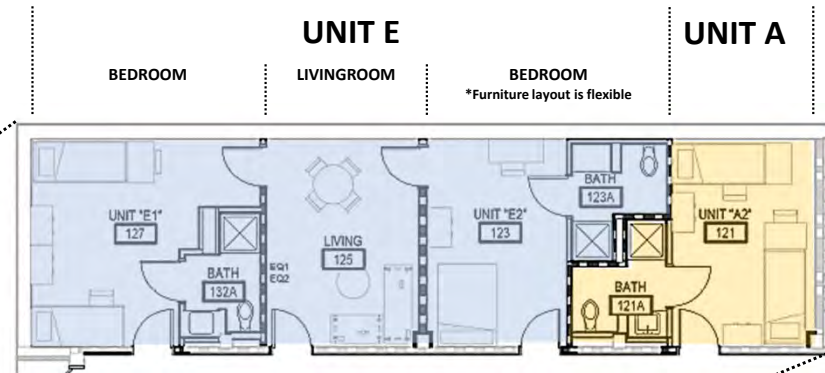
# Unit Mix – Isometric





# First Floor Plan

Item 1



# Second Floor Plan





# Artist Rendering of the Commons Area

Item 1



- Complete interior renovation of Carr Hall, a 19,553 GSF, two-story structure built in 1959. The project will renovate and modernize the campus residential facility with a 64-bed count and includes:
  - Renovating the residence hall rooms to meet the current housing trends, and offer hoteling opportunities;
  - Lobby, office, and common spaces;
  - HVAC distribution system and controls;
  - Plumbing distribution and fixtures;
  - Electrical distribution / switchgear, network cabling & technology upgrades;
  - Life safety systems - fire alarm, fire suppression, elevator;
  - Accessibility compliance; and
  - Furniture, fixtures, and equipment.



## Project Budget

	BOR Approved November 2022	Additional Request	Revised Budget
	\$ 2,096,033	\$ 6,465,612	\$ 8,561,645
Construction	\$ 1,362,635	\$ 5,965,490	\$ 7,328,125
Professional Services	\$ 551,500	\$ 0	\$ 551,500
FF&E	\$ 0	\$ 332,500	\$ 332,500
Administrative Cost	\$ 35,300	\$ 3,000	\$ 38,300
BOR Directed Fees* (2.4% FP&C Fee)	\$ 49,126	\$ 151,538	\$ 200,664
Contingency	\$ 97,472	\$ 13,084	\$ 110,556

\* Fee for 1% Landscape Enhancements and 1% Public Art - Waived

- Approve (i) acceptance of the Guaranteed Maximum Price (“GMP”) for construction of the Carr Hall Renovation project; (ii) increase the budget by \$6,465,612 for a total project budget of \$8,561,645; (iii) report the project to the Texas Higher Education Coordinating Board (“THECB”); and (iv) amend the Design-Build Agreement.
- The total project budget funded with Institutional Cash and through the Revenue Finance System (“RFS”), repaid with Institutional Cash.





# Authorize expenditures of the Elta Joyce Murphey Auditorium Renovation project for Construction Manager At Risk Pre-construction services

*Billy Breedlove*



Sol Mayer Administration



Angelo State University Campus







Sol Mayer Administration Building

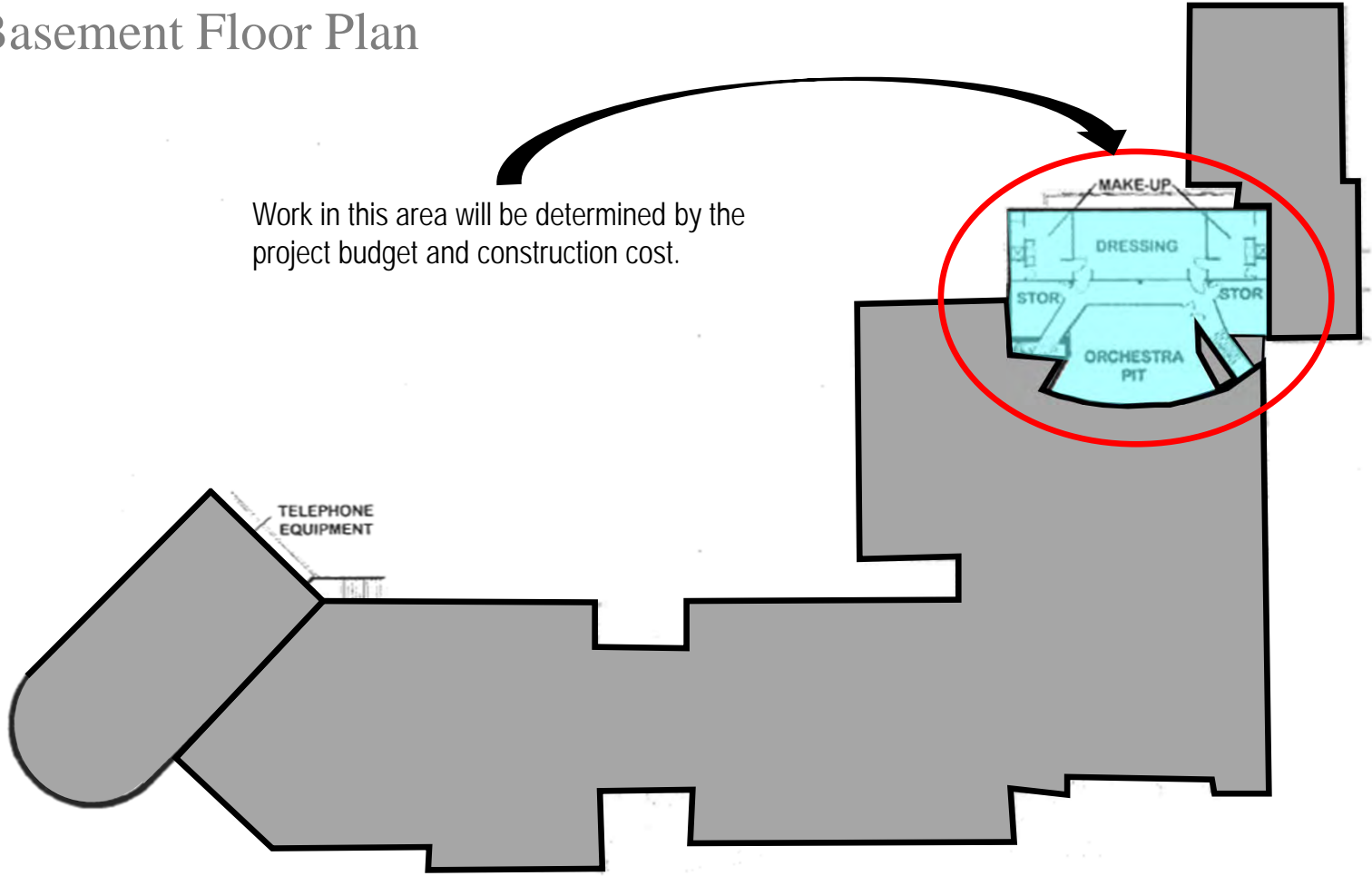
Elta Joyce Murphey Auditorium



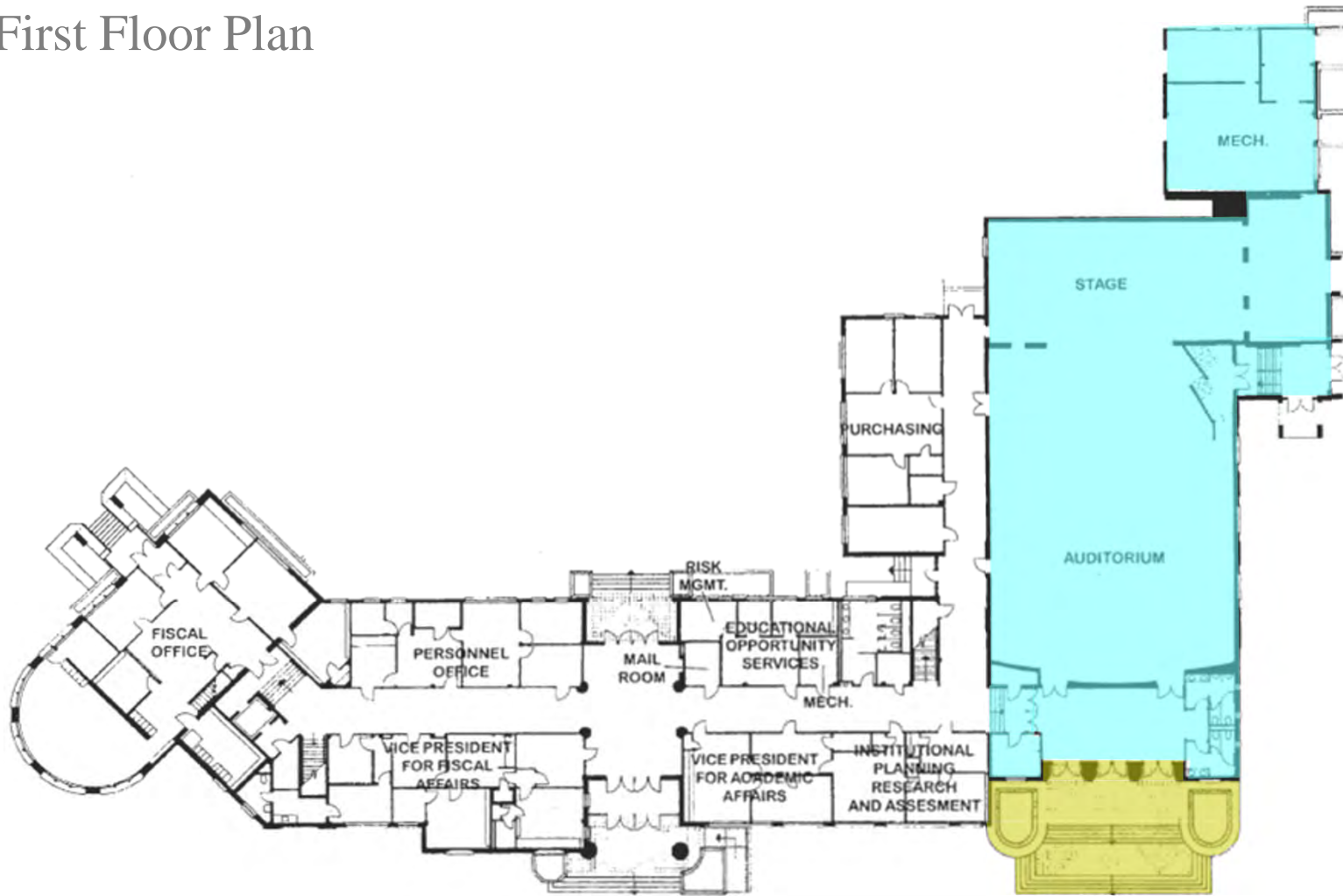


# Existing Basement Floor Plan

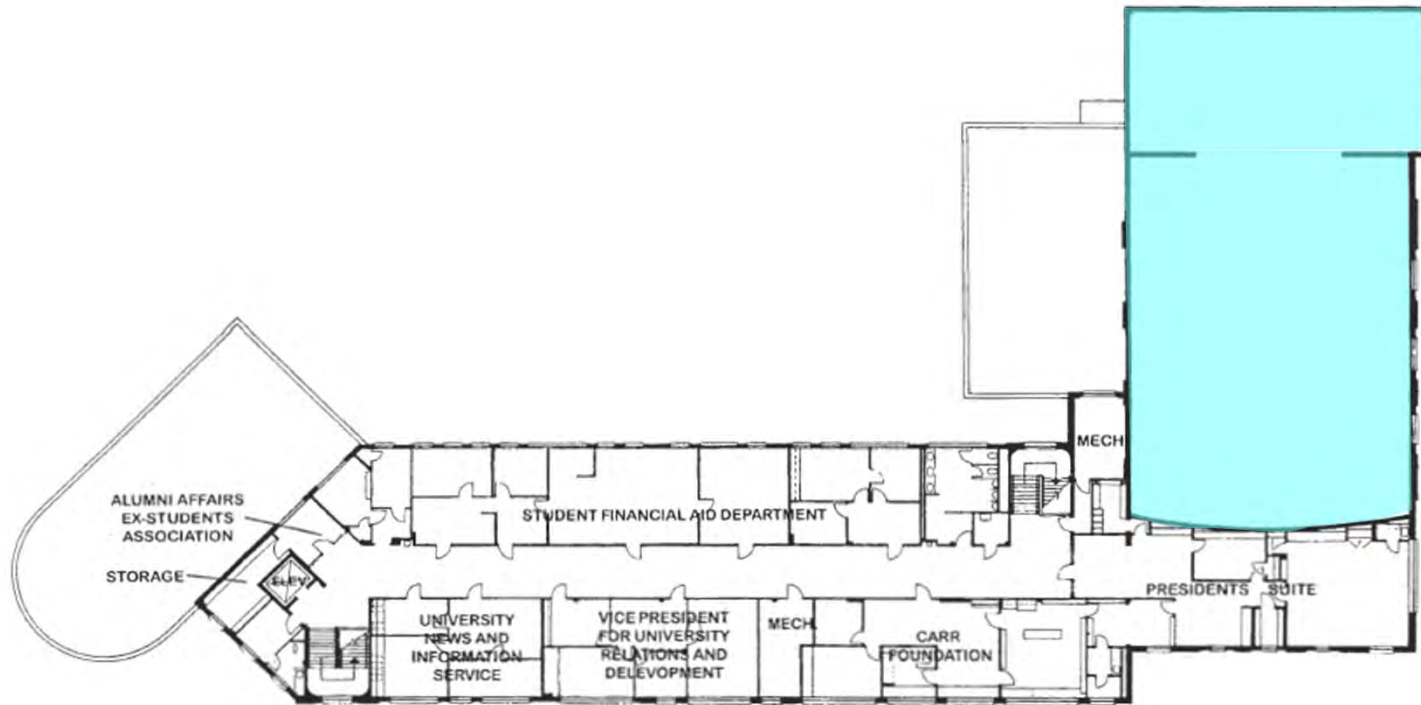
Work in this area will be determined by the project budget and construction cost.



# Existing First Floor Plan

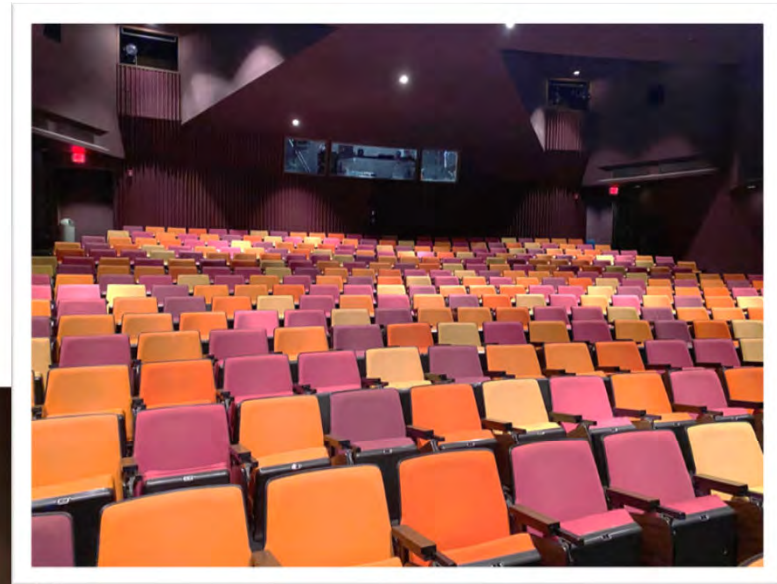
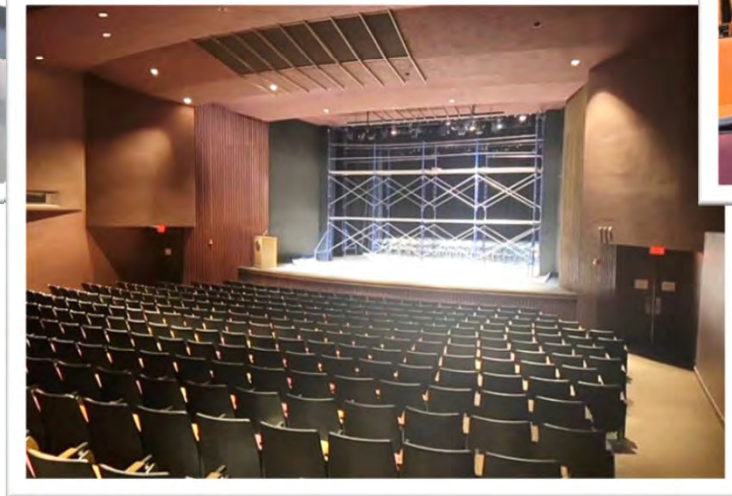


# Existing Second Floor Plan





# Auditorium Interior Photos



## Scope of Services

- Award a Construction Manager At Risk Agreement to provide pre-construction activities associated with the planning and design process:
  - Project evaluation;
  - Site analysis;
  - Constructability review;
  - Value engineering;
  - Scheduling;
  - Cost control; and
  - Development of a Guaranteed Maximum Price (“GMP”).

- Project will address life/safety and accessibility issues for the existing 8,205 SF, 400+ seat auditorium theatre and support spaces located inside the Sol Mayer Administration Building built in 1947.
- Proposed renovation of 5,679 SF, excludes below stage areas (dressing rooms, restrooms, etc.).
- Expansion of approximately 598 GSF to accommodate additional restroom facilities for theater occupancy, accessibility and plumbing code compliance.



## Project Overview (cont.)

- Update the lobby with a ticket booth, new finishes and lighting.
- Auditorium will be remodeled for accessibility compliance.
- Renovate the auditorium's main entrance to include new steps and a TAS compliant ramp.
- Additional electrical, mechanical, and plumbing.

## Project Budget

	BOR Approved February 2023	Additional Request	Revised Budget
	\$ 708,903	\$ 237,312	\$ 946,215
Construction	\$ 36,000	\$ 225,000	\$ 261,000
Professional Services	\$ 625,796	\$ 0	\$ 625,796
FF&E	\$ 0	\$ 0	\$ 0
Administrative Cost	\$ 10,328	\$ 0	\$ 10,328
BOR Directed Fees* (2.4% FP&C)	\$ 16,615	\$ 5,562	\$ 22,177
Contingency	\$ 20,164	\$ 6,750	\$ 26,914

\* Fees Waived for 1% Landscape Enhancements and 1% Public Art

## Recommendation

- Approve (i) expenditures of \$237,312 for a total of \$946,215 for the Elta Joyce Murphey Auditorium Renovation project, with an anticipated project budget of \$6,000,000; (ii) award a Construction Manager At Risk Agreement; and (iii) authorize Pre-construction services.
- The total expenditures of \$946,215 which includes the previously approved \$708,903 will be funded through the Revenue Finance System (“RFS”) repaid with gifts and Higher Education Funds (“HEF”).

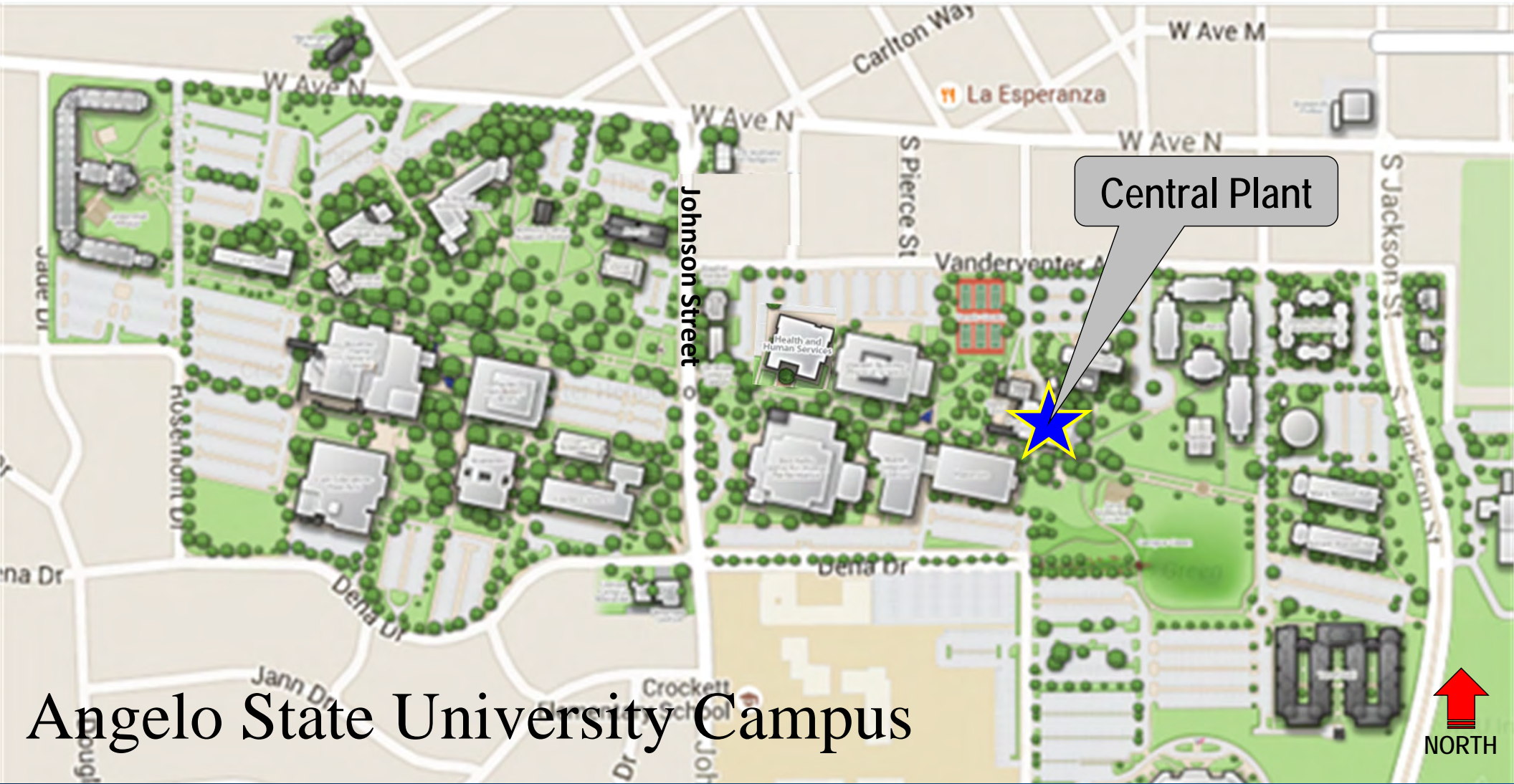




# Authorize expenditures of the Central Plant Renovations and Additions project for Design-Build Stage II design services

*Billy Breedlove*





Central Plant

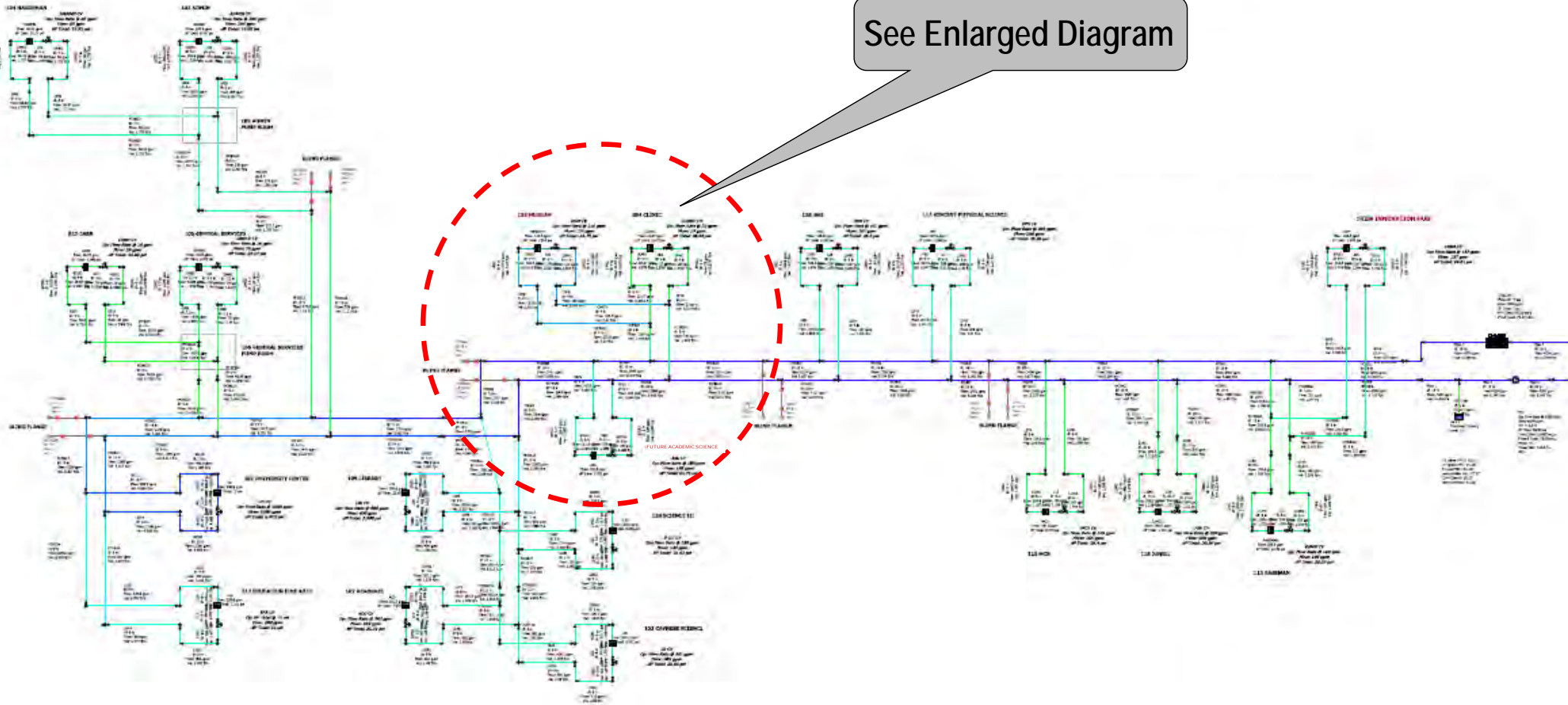
# Angelo State University Campus



NORTH

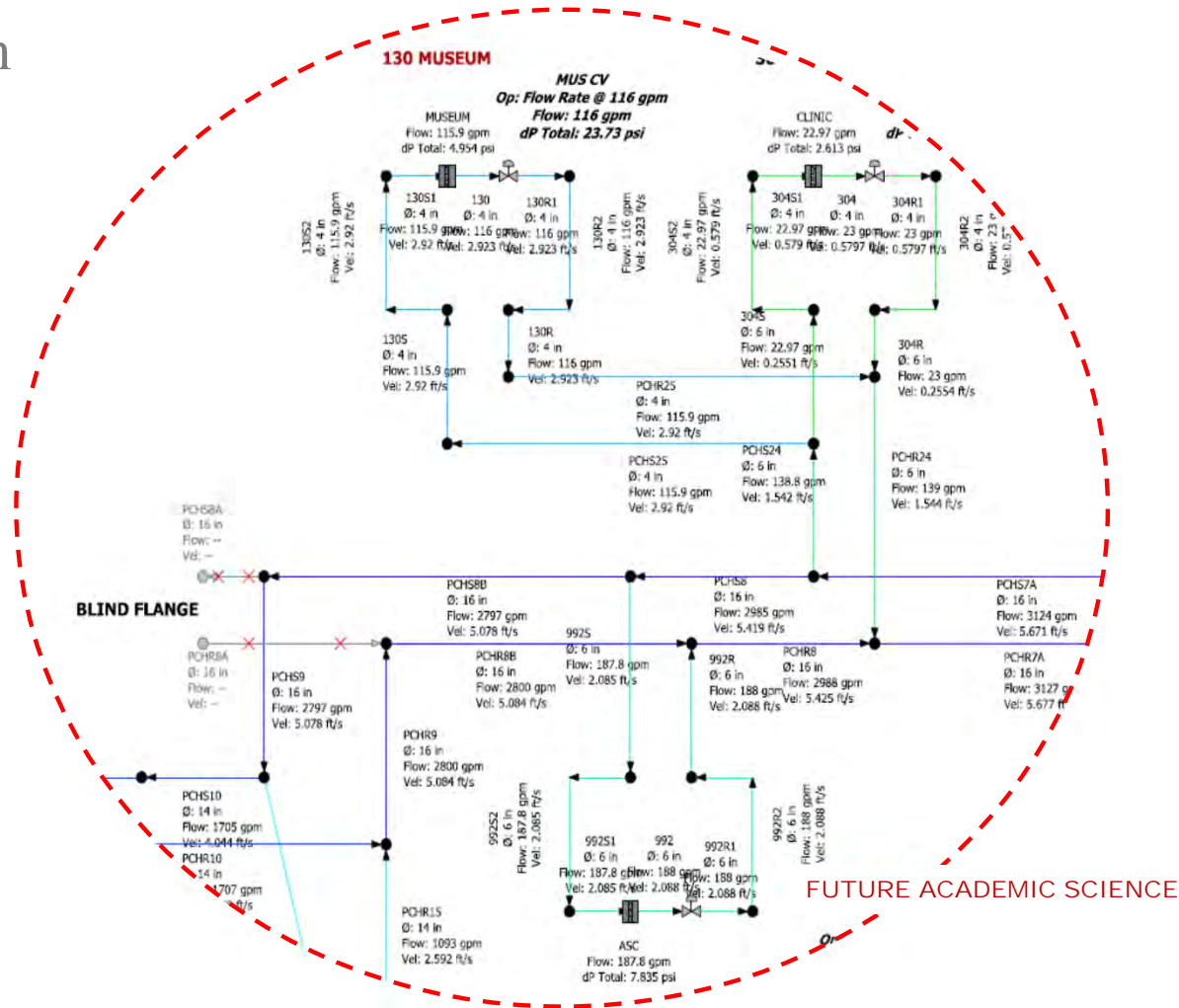
# Engineering Study on Supply and Demand

See Enlarged Diagram





# Enlarged Diagram





## Scope of Services

- Amend the Design-Build Agreement for Stage II design services consisting of:
  - Design Development (“DD”);
  - Construction Documents (“CD”);
  - Construction Administration (“CA”) Phases; and
  - Statement of Probable Cost.

- The existing plant will receive new chilled water & heating water equipment, variable speed centrifugal chiller with chilled water pumps, gas-fired boilers, heating water pumps, and condenser fluid pumps, upgrade electrical equipment, and replace the existing evaporative cooling towers with more efficient water & energy cooling towers.
- Piping will be configured to obtain more flexibility & redundancy between the chillers, chilled water pumps & condensing fluid pumps.
- The Building Automation System will be upgraded to increase efficiencies.
- Individual building efficiency and equipment are being studied for potential overall central plant efficiencies.
- The necessity for a new supplemental utility plant is being analyzed based on supply and demand models to resolve flow issues on the expanding west end of campus.

## Project Budget

	BOR Approved November 2022	Additional Request	Revised Budget
	\$ 1,003,550	\$ 1,868,537	\$ 2,872,087
Construction	\$ 219,586	\$ 70,887	\$ 290,473
Professional Services	\$ 661,350	\$ 1,575,270	\$ 2,236,620
FF&E	\$ 0	\$ 0	\$ 0
Administrative Cost	\$ 10,000	\$ 12,700	\$ 22,700
BOR Directed Fees* (2.4% FP&C)	\$ 23,520	\$ 43,794	\$ 67,314
Contingency	\$ 89,094	\$ 165,886	\$ 254,980

\* Fees Waived for 1% Landscape Enhancements and 1% Public Art

## Recommendation

- Approve (i) expenditures of \$1,868,537 for a total of \$2,872,087 for the Central Plant Renovations and Additions project, with an anticipated project budget of \$36,000,000; (ii) amend the Design-Build Agreement; and (iii) authorize Stage II design services.
- The expenditures of \$2,872,087 which includes the previously approved \$1,003,550 will be funded through the Revenue Finance System (“RFS”), repaid with Capital Construction Assistance Projects (“CCAP”) Legislative appropriations.



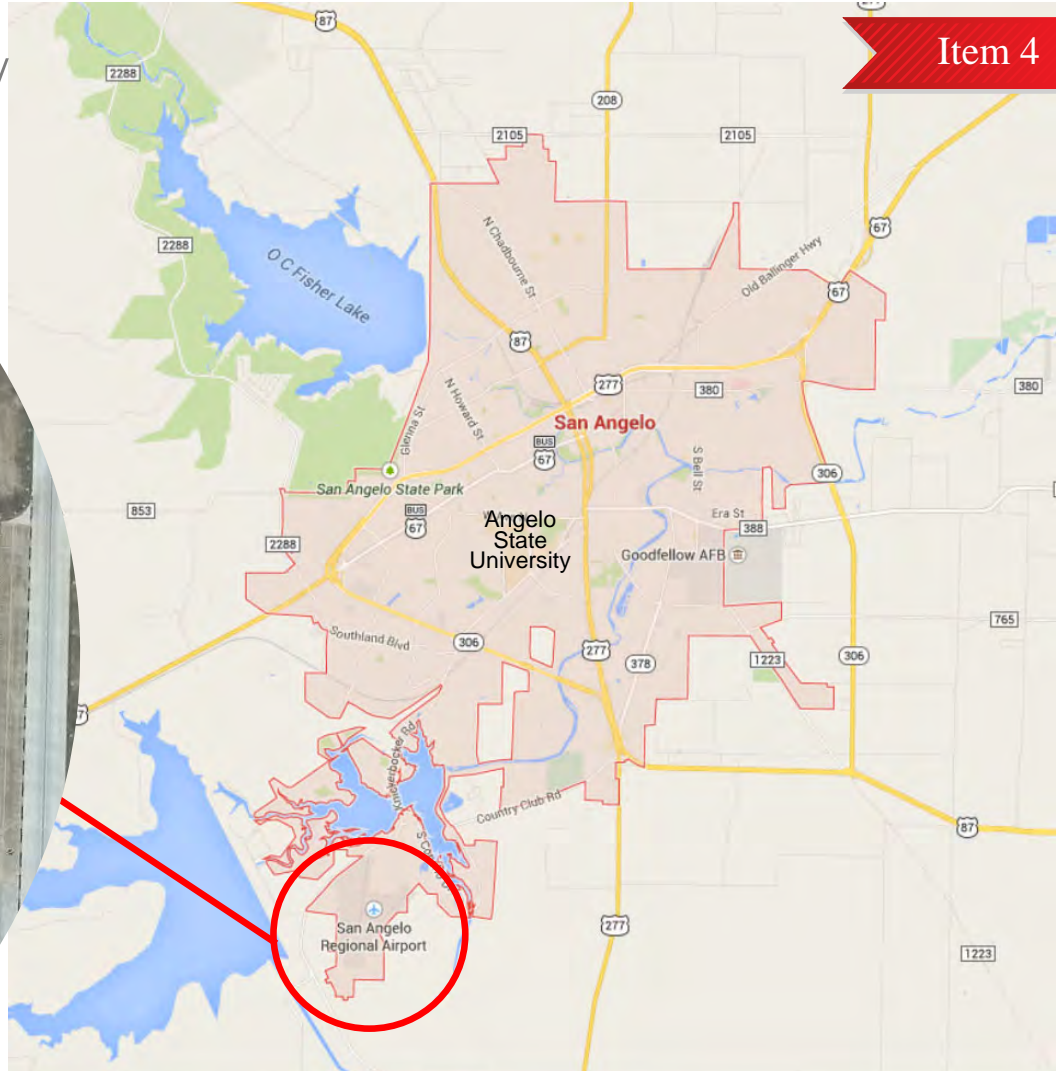


# Authorize expenditures of the Aviation Program Training Facility project for Design Professional Stage I services

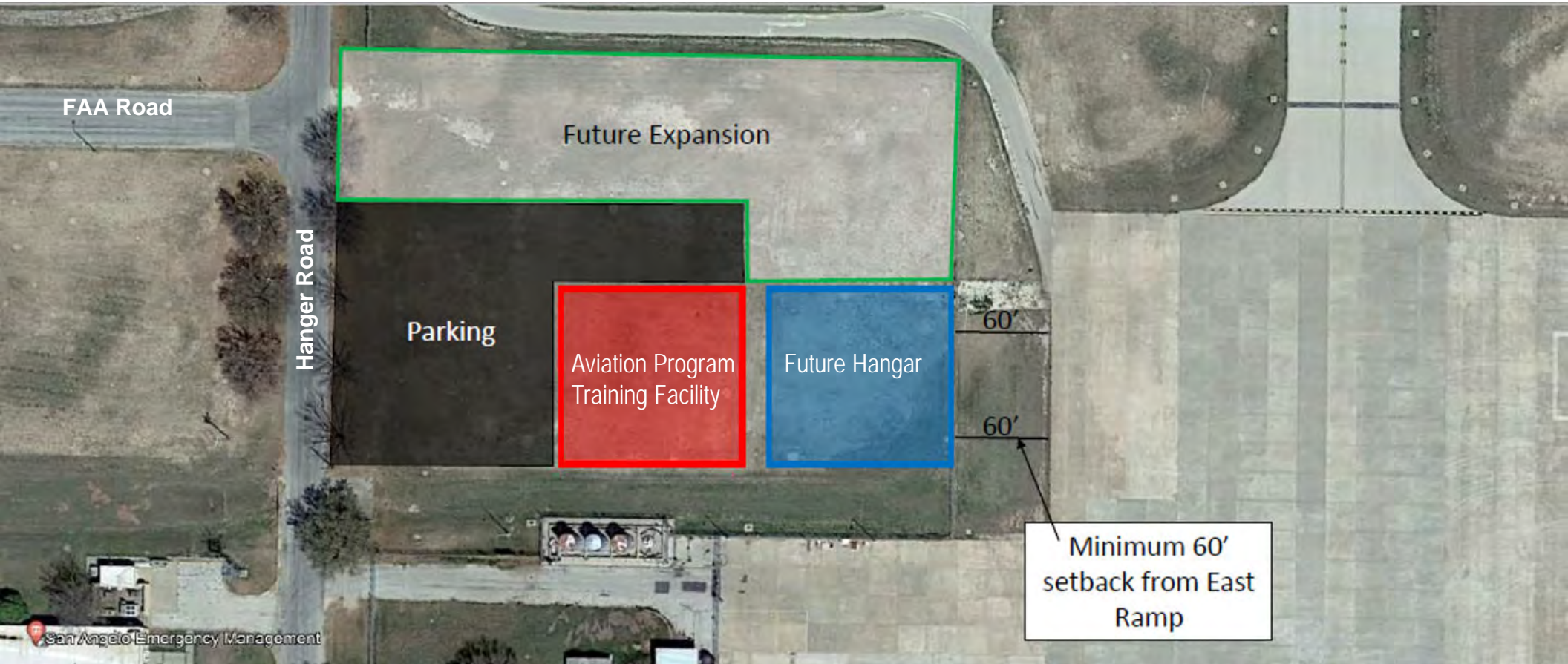
*Billy Breedlove*



# San Angelo Regional Airport / Mathis Field



# Proposed ASU Aviation Campus Site Layout





## Scope of Services

- Execute a Design Professional Agreement, and authorize Stage I design services in order to move forward on the project's vision through:
  - Programming;
  - Schematic Design ("SD");
  - Provide a Statement of Probable Cost; and
  - Project Schedule.



- Project will provide an approximate 14,400 GSF facility containing:
  - Classrooms,
  - Simulator rooms,
  - Open study/work cubicles,
  - Program director, chief pilot, and instructor offices;
  - A main lobby/waiting area with recruiting lounge;
  - Restrooms; and
  - Service area.

# Project Budget

	Budget
	\$ 160,171
Construction	\$ 0
Professional Services	\$ 149,825
FF&E	\$ 0
Administrative Cost	\$ 0
BOR Directed Fees* (2.4% FP&C Fee)	\$ 3,754
Contingency	\$ 6,592

*\* Fees for 1% Landscape Enhancements and 1% Public Art – Waiver Requested*

- Approve (i) expenditures of \$160,171 in order to provide planning and design services for the Aviation Program Training Facility project, with an anticipated project budget of \$6,200,000; (ii) waive the use of a Construction Manager Agent (“CMA”); (iii) waive the board directed fee for landscape enhancements; (iv) waive the board directed fee for public art; and (v) award the Design Professional Agreement; and (vi) authorize Stage I design services.
- The expenditures will be funded through the Revenue Finance System (“RFS”) repaid with gifts and grants.



# Approve expenditures for the West Village C Residence Hall project for Design-Build Stage II design services

*Billy Breedlove*





# Proposed West Village C Site Plan

Item 5

Texas Tech Parkway

TTFCU

DETENTION

West Village A

West Village B

Knoxville Avenue

OPTIONAL  
PARKING

19<sup>th</sup> Street



NORTH





# Conceptual Southeast Aerial





# Conceptual View From Northwest

Item 5



# West Village C Residence Hall - Level 1



## Program Legend

- CIRCULATION
- COMMON SPACE
- COMMUNITY ADVISOR UNIT
- GRADUATE STAFF UNIT
- MAIN LOBBY
- STAFF/MULTIPURPOSE ROOM
- SUPPORT SPACE
- UNIT 2A
- UNIT 4A
- UNIT 4B










NORTH



# West Village C Residence Hall – Level 2 and 3

## Program Legend

-  CIRCULATION
-  COMMON SPACE
-  COMMUNITY ADVISOR UNIT
-  SUPPORT SPACE
-  UNIT 2A
-  UNIT 4A
-  UNIT 4B





# West Village C Residence Hall – Level 4

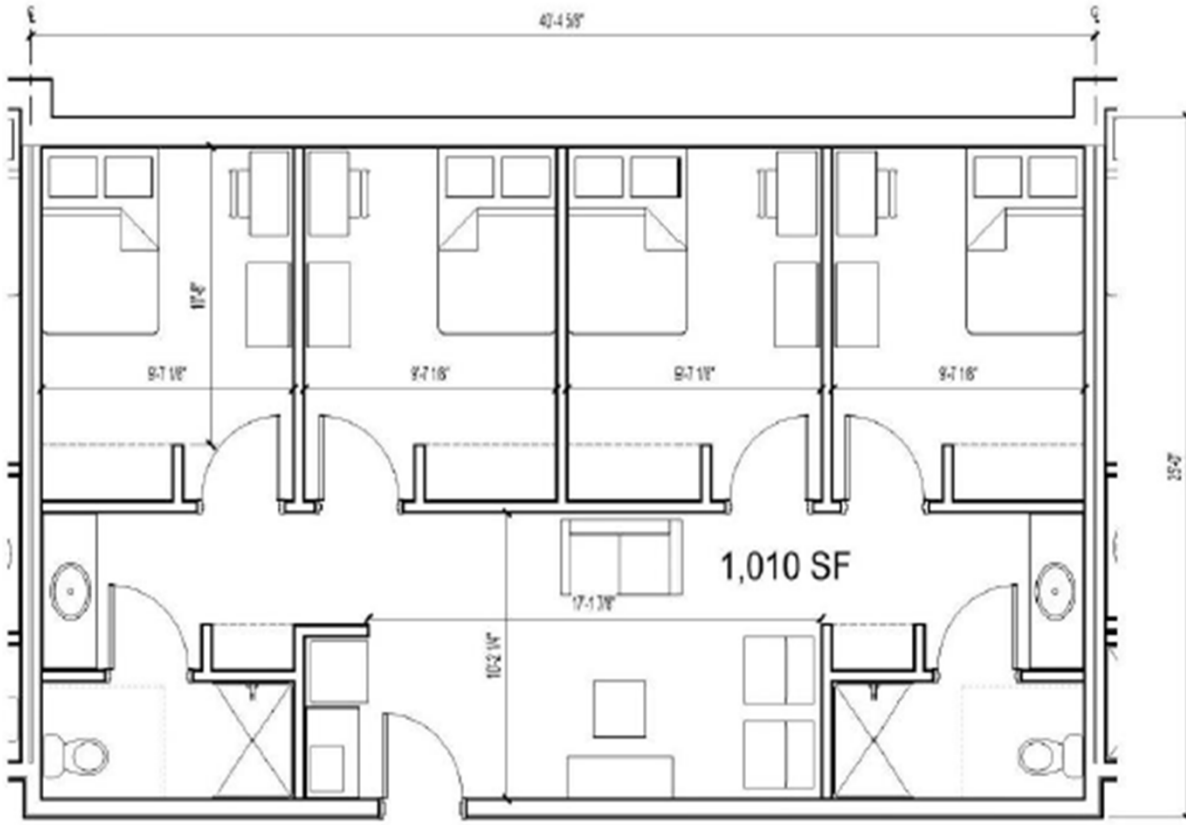


## Program Legend

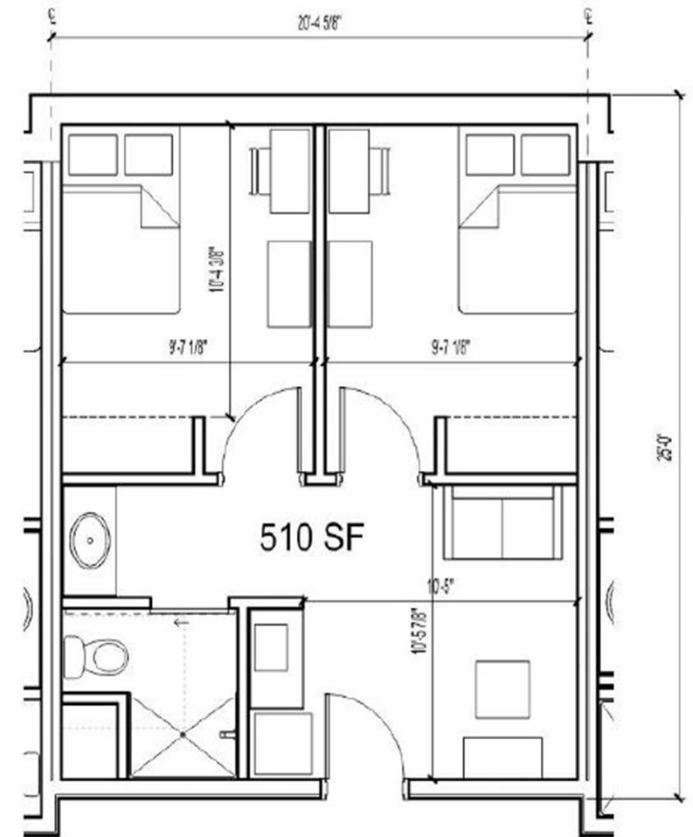
- CIRCULATION
- COMMON SPACE
- COMMUNITY ADVISOR UNIT
- SUPPORT SPACE
- UNIT 2A
- UNIT 4A
- UNIT 4B



# West Village C Residence Hall – Unit Plans



**4 Bedroom Suite**



**2 Bedroom Suite**

## Scope of Services

- Amend the Design-Build Agreement for Stage II design services consisting of:
  - Design Development (“DD”);
  - Construction Documents (“CD”);
  - Construction Administration (“CA”) Phases; and
  - Statement of Probable Cost.

## Project Overview

- The project will construct West Village C, an approximate 102,234 GSF structure, located west of West Village A with an expected occupancy of 300 beds.
- Room layouts will be similar to Talkington Hall and/or Murray Hall:
  - Predominately 4-person suites with each student having a single room,
  - 2 bathrooms shared by only 2 students in the suite, and a
  - Common living area.
- Common laundry facilities on each floor.
- Ancillary spaces (maintenance, housekeeping, storage, and staff).

## Project Budget

	BOR Approved February 2023	Additional Request	Revised Budget
	\$ 640,397	\$ 2,447,483	\$ 3,087,880
Construction	\$ 24,900	\$ 25,000	\$ 49,900
Professional Services	\$ 545,708	\$ 2,236,239	\$ 2,781,947
FF&E	\$ 0	\$ 0	\$ 0
Administrative Cost	\$ 25,000	\$ 28,150	\$ 53,150
BOR Directed Fees* (2.4% FP&C)	\$ 15,009	\$ 57,361	\$ 72,370
Contingency	\$ 29,780	\$ 100,733	\$ 130,513

\* Fees Waived for 1% Landscape Enhancements and 1% Public Art



## Recommendation

- Approve (i) expenditures of \$2,447,483 for a total of \$3,087,880 for the West Village C Residence Hall project, with an anticipated project budget of \$45,000,000; (ii) amend the Design-Build Agreement; and (iii) authorize Stage II design services.
- The total expenditures \$3,087,880 which includes the previously approved \$640,397 will be funded through the Revenue Finance System (“RFS”) repaid with University Student Housing funds.



Approve exception to *Regents' Rules* and the total project budget for the Chemistry Building Renovation project

*Billy Breedlove and Noel Sloan*



# Chemistry Building

Item 6



NORTH



## Project Overview

- The renovation project is budgeted at \$11,274,100 and will involve work in an occupied building with multiple contractors working under various contracts available to the university.
- Scope of work is anticipated to extend over a 3 to 4-year period.
- The budget includes the following items:
  - Abate and replace flooring;
  - HVAC and building control upgrades;
  - Upgrade restrooms and renovate for ADA/code compliance;
  - Replace ceiling and lighting systems;
  - Renovate class labs;

## Project Overview (cont.)

- Renovate classrooms;
- Renovate HVAC to reduce negative pressure throughout the building; and
- Freight elevator replacement.



## Existing Interior Photos

Item 6

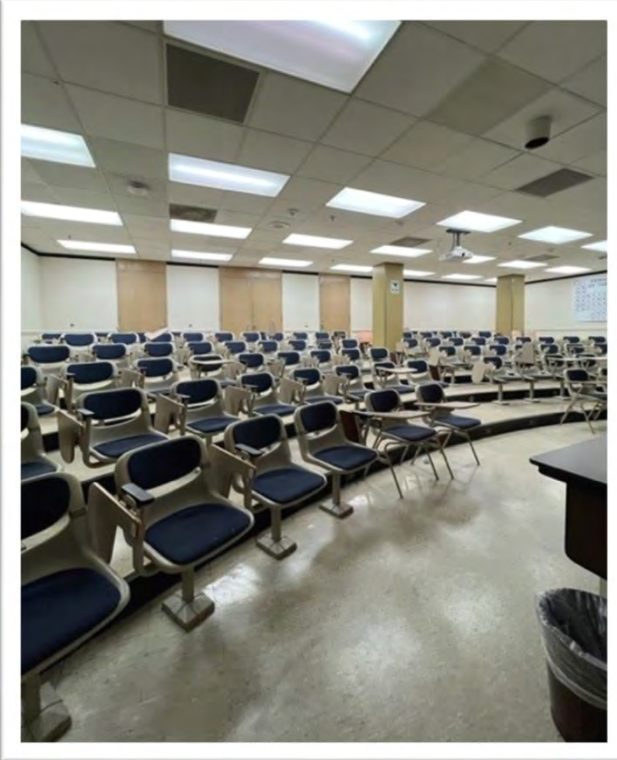


**Class Lab**



**Class Lab**

## Existing Interior Photos



**Classroom**



**Lab**



# Existing Interior Photos



**Hallway**



**Restroom**

## Recommendation

- Authorize (i) initiation of the Chemistry Building Renovation project through the Capital Construction Assistance Projects (“CCAP”); (ii) approve exception to the *Regents’ Rules*, Section 08.01.3, in order for the project to be managed by Texas Tech University Operations Division in lieu of TTU System Facilities Planning and Construction office; (iii) waive the use of a Construction Manager-Agent (“CMA”); (iv) waive the board directed fee for landscape enhancements; (v) waive the board directed fee for public art; (vi) report the project to the Board of Regents at regular meetings; (vii) report the project to the Texas Higher Education Coordinating Board (“THECB”); and (viii) authorize a total project budget of \$11,274,100 for the Chemistry Building Renovation project.
- The project will be funded through the Revenue Finance System (“RFS”), repaid with Capital Construction Assistance Projects Legislative appropriations.



# Approve honorary naming of Women's Basketball Locker Room in honor of Marsha Sharp

*Patrick Kramer*

*Kirby Hocutt*





# Signage Mockup



## Recommendation

- Approve the honorary naming of the Department of Athletics' women's basketball locker room, located within the Dustin R. Womble Basketball Center, be named the "Marsha Sharp Women's Basketball Locker Room," in honor of Marsha Sharp's long legacy to Texas Tech University Department of Athletics and its student-athletes.
- Signage for the space will specify the approved name.



Authorize expenditures of the Laboratory Animal Resources Center (“LARC”) Expansion project for Design Professional Stage II design services and Construction Manager At Risk Pre-construction services

*Billy Breedlove*



Basement  
Plan –  
Pod C



**LEGEND**

- CAGE WASHING and SUPPORT
- BARRIER SUPPORT
- ANIMAL HOLDING and SUPPORT
- ANIMAL HOLDING and SUPPORT – ABSL-2
- CIRCULATION



## Scope of Services

- Execute Design Professional Stage II services consisting of:
  - Design Development (“DD”);
  - Construction Documents (“CD”);
  - Construction Administration (“CA”) Phases;
  - Statement of Probable Cost; and
  - Project Schedule.



## Scope of Services (cont.)

- Award a Construction Manager At Risk Agreement and authorize pre-construction services associated with the planning and design processes –
  - Project evaluation;
  - Site analysis;
  - Constructability review;
  - Value engineering;
  - Scheduling;
  - Cost control; and
  - Development of a Guaranteed Maximum Price (“GMP”).

## Project Overview

- Project will expand the existing Lubbock LARC vivarium by approximately 13,962 GSF in order to meet the current and future needs of the TTUHSC research community.
- The expansion has been designed to aid in elevating research at TTUHSC by creating a facility that meets contemporary industry standards for research animal housing.
- Project will incorporate innovative technologies and advanced built-in equipment necessary for the future needs of principal investigators.
- The expansion will create a dedicated bio-exclusion (barrier) facility adjacent to the existing vivarium with the flexibility to house multiple species.

## Project Budget

	BOR Approved November 2022	Additional Request	Revised Budget
	\$ 340,839	\$ 1,062,647	\$ 1,403,486
Construction	\$ 0	\$ 60,000	\$ 60,000
Professional Services	\$ 279,620	\$ 836,460	\$ 1,116,080
FF&E	\$ 0	\$ 0	\$ 0
Administrative Cost	\$ 22,972	\$ 46,941	\$ 69,913
BOR Directed Fees* (2.4% FP&C)	\$ 7,988	\$ 24,906	\$ 32,894
Contingency	\$ 30,259	\$ 94,340	\$ 124,599

\* Fees Waived for 1% Landscape Enhancements and 1% Public Art

## Recommendation

- Approve (i) expenditures of \$1,062,647 for a total of \$1,403,486 for the Laboratory Animal Resources Center (“LARC”) project, with an anticipated project budget of \$15,000,000; (ii) amend the Design Professional Agreement and authorize Stage II design services; and (iii) award a Construction Manager At Risk Agreement and authorize pre-construction services.
- The total expenditure of \$1,403,486 which includes the previously approved \$340,849 will be funded through the Revenue Finance System (“RFS”), repaid with Capital Construction Assistance Projects (“CCAP”) Legislative appropriations.



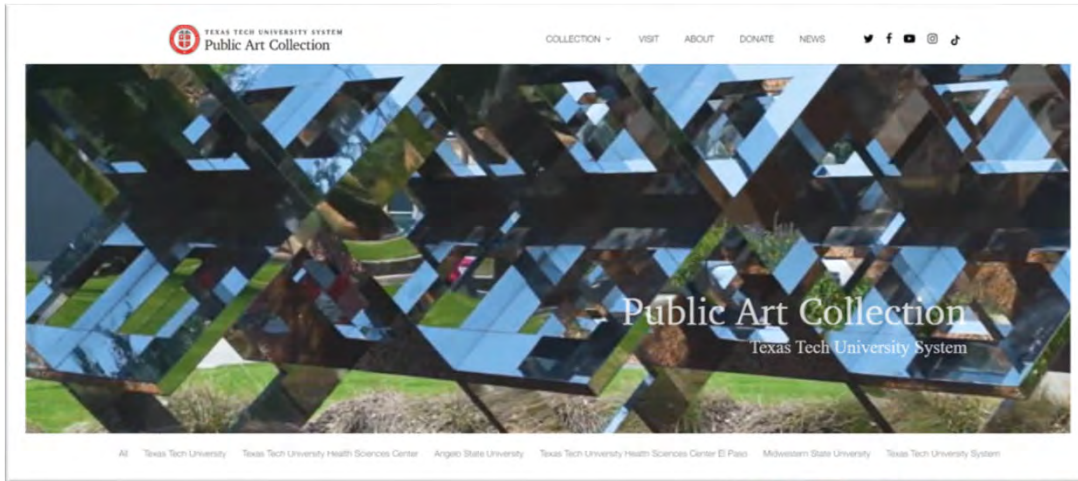


# Report on Public Art Program

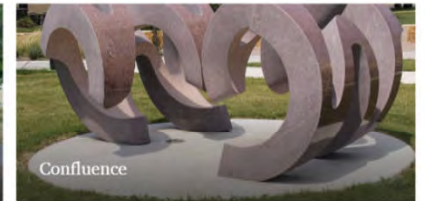
*Billy Breedlove and Emily Wilkinson*



# TTUS - Public Art Collection Website



[ttuspublicart.com](http://ttuspublicart.com)



# Report on Facilities Planning and Construction projects (project data as of 04/12/2023)

*Billy Breedlove*



## FP&C + TTU Construction Engineering Class Collaboration

### JOINING FORCES

When instructor Don Bundock needed help putting together a capstone class for the construction engineering program, he found an ally in Texas Tech University System (TTU System) Vice Chancellor for Facilities Planning & Construction (FP&C) Billy Breedlove.

They wanted to give students real world experience and knew that by joining forces, they could do just that. Combining their decades of experience in the construction industry with the knowledge and resources of the FP&C team and architect Ryan Wilkens from Parkhill, the capstone course was designed to put a group of students nearing graduation in a position to have to interact with industry leaders.





## FP&C + TTU Construction Engineering Class Collaboration

Item 10



### **THE PRESSURE IS ON**

The design of the capstone course brought the students in direct contact with the FP&C team for multiple presentations.

The students were divided into four teams and required to deliver a request for qualifications (RFQ) and then a request for proposals (RFP) to the TTU System Building by a designated time on a designated date.

Deadlines were set in stone and each step along the way the teams were forced to defend their proposals to the assembled group during an interview process.

## FP&C + TTU Construction Engineering Class Collaboration

### **CROWNING A WINNER**

The FP&C team graded the students throughout the project using the same metrics they use to grade contractors for jobs with the TTU System.

A winning team was selected out of the four groups, but winning wasn't the only goal. By challenging students, taking them out of their comfort zone and putting them into a board room, the FP&C team helped create an immersive educational experience that will benefit students for the rest of their careers.



# FP&C + TTU Construction Engineering Class Collaboration

## TEXAS MONTHLY

The capstone course was featured in Texas Monthly as part of Texas Tech's From Here, It's Possible campaign.



**FROM**  
**JOINING FORCES**  
**TO**  
**CAPSTONE COURSES**

When Don Bunduck, an instructor in the Edward E. Whitacre Jr. College of Engineering, wanted to create a capstone course for his construction engineering class, he found an ally at the Texas Tech University System (TTU System) in Vice Chancellor for Facilities Planning & Construction (FP&C) Billy Breenlove.

"We got a deal for you," Breenlove told him, and together they leaned on nearly a century's worth of experience working in the construction industry to create a plan.

The new capstone course required buy-in from Breenlove's entire FP&C team at the TTU System, a commitment of time and energy from the people responsible for the millions of dollars' worth of projects across the five-university system.

And they never wavered. Even as projects and board meetings piled up, the FP&C team was hands-on, working with students to give them a feel for the industry.

That buy-in, and countless other collaborative initiatives at Texas Tech that are preparing students for success after graduation, are further proof that From Here, It's Possible.

**LEARN MORE AT [TTU.EDU](http://TTU.EDU)**

**FROM HERE,  
IT'S POSSIBLE.™**



# FP&C + TTU Construction Engineering Class Collaboration



## **TOURING THE FUTURE**

The collaboration for the capstone was a fresh concept, but Bundock and Breedlove working together for students was nothing new.

Early in the fall semester Breedlove and the FP&C team took another of Bundock's classes – primarily made up of first-year students – on a tour of the Academic Sciences building construction site.

Students in the class got a first-hand look at a job site and were walked through the planning and construction of a massive project.

“We have one of the greatest teaching platforms right at our front door.”

# TTU – Academic Sciences Building

**Current Budget:** \$112,500,000

**Gross Square Feet:** 131,411 GSF

**Team / Status:**

- Design Professional:  
Barnes Gromatzky Kosarek  
Architects, Inc. @ 82%
- Construction Manager At Risk (CMAR):  
Western Builders of Amarillo, Inc. @ 31%
- Construction Manager Agent (CMA):  
Waived
- Landscape Enhancement: Waived
- Public Art: Waived

**Substantial Completion Date:**

Original Date – February 2024

Actual Date – TBD





# TTU – Academic Sciences Building



# TTU – Academic Sciences Building

**Construction Delivery: CMAR**

	<b>BOR Appr (GMP)</b> 4/2022   129,254 GSF	<b>Previous Budget As Of</b> 2/2023   131,411 GSF	<b>Current Budget As Of</b> 4/12/2023   131,411 GSF	<b>+ / (-) Change</b> D-C	<b>NOTES</b>
	<b>B</b>	<b>C</b>	<b>D</b>		
<b>BUDGET</b>	<b>\$ 112,500,000</b>	<b>\$ 112,500,000</b>	<b>\$ 112,500,000</b>	<b>\$ -</b>	
<b>CATEGORY</b>					
Construction	\$ 93,406,886	\$ 93,406,886	\$ 93,406,886	\$ -	
Professional Services	\$ 7,857,451	\$ 7,857,451	\$ 7,857,451	\$ -	
FF&E	\$ 5,035,632	\$ 5,035,632	\$ 5,035,632	\$ -	
Administrative	\$ 375,078	\$ 375,078	\$ 375,078	\$ -	
Project Contingency	\$ 3,188,234	\$ 3,188,234	\$ 3,188,234	\$ -	
<i>Regents' Rules</i>	\$ 2,636,719	\$ 2,636,719	\$ 2,636,719	\$ -	
<b>TOTAL</b>	<b>\$ 112,500,000</b>	<b>\$ 112,500,000</b>	<b>\$ 112,500,000</b>	<b>\$ -</b>	

**PARTNERS**

Construction Manager      Western Builders of Amarillo, Inc.  
 Design Professional      Barnes Gromatzky Kosarek Architects, Inc.  
 CM Agent                      Waived  
 Tier 2 Auditor                CBIZ

# TTU – NRHC Ranch Life Learning Center

**Status:** Under Construction

**Current Budget:** \$ 8,200,000

**Gross Square Feet:** 19,897 GSF Exterior  
3,500 GSF Interior

**Team / Status:**

- Design Professional:  
Condray Design Group @ 94%
- Construction Manager At Risk (CMAR):  
Teinert Construction, Inc. @ 16%
- Construction Manager Agent (CMA):  
Waived
- Landscape Enhancement: Waived
- Public Art: Paul Reimer

**Substantial Completion Date:**

Original Date – May 2023

Actual Date – TBD

\* Possible exhibit delays





# TTU – NRHC Ranch Life Learning Center





Interactive Software



# TTU – NRHC Ranch Life Learning Center

**Construction Delivery: CMAR**

	BOR Appr (Full) 08/2022   23,397 GSF	Previous Budget As Of 2/2023   23,397 GSF	Current Budget As Of 4/12/2023   23,397 GSF	+ / (-) Change D-C	NOTES
	B	C	D		
<b>BUDGET</b>	<b>\$ 8,200,000</b>	<b>\$ 8,200,000</b>	<b>\$ 8,200,000</b>	<b>\$ -</b>	
<b>CATEGORY</b>					
Construction	\$ 6,630,300	\$ 6,630,300	\$ 6,630,300	\$ -	
Professional Services	\$ 897,436	\$ 897,436	\$ 897,436	\$ -	
FF&E	\$ 173,500	\$ 173,500	\$ 173,500	\$ -	
Administrative	\$ 33,725	\$ 33,725	\$ 33,725	\$ -	
Project Contingency	\$ 212,899	\$ 212,899	\$ 212,899	\$ -	
<i>Regents' Rules</i>	\$ 252,140	\$ 252,140	\$ 252,140	\$ -	
<b>TOTAL</b>	<b>\$ 8,200,000</b>	<b>\$ 8,200,000</b>	<b>\$ 8,200,000</b>	<b>\$ -</b>	

**PARTNERS**

Construction Manager      Condray Design Group, Inc.  
 Design Professional      Teinert Construction  
 CM Agent                      Waived  
 Tier 2 Auditor                Waived

# TTU – Rip Griffin Park Expansion & Renovation

**Current Budget:** \$14,465,342

**Gross Square Feet:**

10,800 GSF Renovation  
14,342 GSF Addition

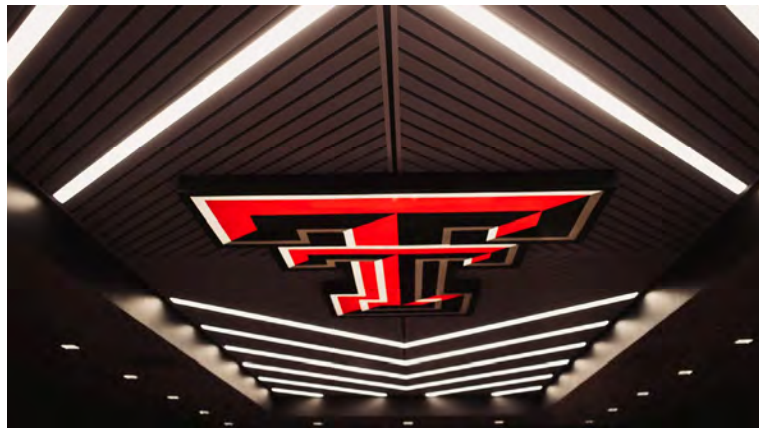
**Team / Status:**

- Design Professional:  
Populous, Inc. @ 80%
- Construction Manager At Risk (CMAR):  
Teinert Construction, Inc. @ 71%
- Construction Manager Agent (CMA):  
Waived
- Landscape Enhancement: Waived
- Public Art: Waived

**Substantial Completion Date:**

Addition – February 2023  
Actual Date – May 1, 2023

Renovation – October 2023  
Actual Date – TBD



# TTU – Rip Griffin Park Expansion & Renovation

Construction Delivery: CMAR

	BOR Appr (Full) 11/2021   14,342 GSF New 10,800 GSF Reno B	Previous Budget As Of 2/2023   14,342 GSF New 10,800 GSF Reno C	Current Budget As Of 4/12/2023   14,342 GSF New 10,800 GSF Reno D	+ / (-) Change D-C	NOTES
<b>BUDGET</b>	<b>\$ 14,465,342</b>	<b>\$ 14,465,342</b>	<b>\$ 14,465,342</b>	<b>\$ -</b>	
<b>CATEGORY</b>					
Construction	\$ 10,645,405	\$ 11,332,812	\$ 11,332,812	\$ -	Additional design services for revisions to outfield fencing, Coach's patio, and bullpen.
Professional Services	\$ 1,262,957	\$ 1,227,757	\$ 1,235,386	\$ 7,629	
FF&E	\$ 1,769,040	\$ 1,504,040	\$ 1,504,040	\$ -	
Administrative	\$ 37,460	\$ 33,460	\$ 33,460	\$ -	
Project Contingency	\$ 411,446	\$ 28,239	\$ 20,610	\$ (7,629)	
<i>Regents' Rules</i>	\$ 339,034	\$ 339,034	\$ 339,034	\$ -	
<b>TOTAL</b>	<b>\$ 14,465,342</b>	<b>\$ 14,465,342</b>	<b>\$ 14,465,342</b>	<b>\$ -</b>	

**PARTNERS**

Construction Manager	Teinert Construction, Inc.
Design Professional	Populous, Inc.
CM Agent	Waived
Tier 2 Auditor	Waived



# TTUHSC – Dallas Southwest Professional Building Renovation

**Current Budget:** \$ 22,281,070

**Gross Square Feet:**

- 63,000 Building
- 17,700 Renovation
- 17,700 Renovation (6<sup>th</sup> Floor)

**Team / Status:**

- Design Professional:  
Parkhill Smith and Cooper, Inc. @ 97%  
Page – Managed by TTUHSC (6<sup>th</sup> Floor)
- Construction Manager At Risk (CMAR):  
Hill & Wilkinson General Contractors  
Original @ 86%  
6<sup>th</sup> Floor @ 55%
- Construction Manager Agent (CMA):  
Waived
- Landscape Enhancement: Waived
- Public Art: Waived

**Substantial Completion Date:**

- Amended Date – October 2022
- 7<sup>th</sup> Floor Renovation – November 30, 2021
- Actual Date – October 31, 2022
- 6<sup>th</sup> Floor Date – July 2023



# TTUHSC – Dallas Southwest Professional Building Renovation (6<sup>th</sup> Floor)



# TTUHSC – Dallas Southwest Professional Building Renovation (Original)

Construction Delivery: CMAR

	BOR Appr (Full) 10/2020   17,700 GSF	Previous Budget As Of 2/2023   17,700 GSF	Current Budget As Of 4/12/2023   17,700 GSF	+ / (-) Change D-C	NOTES
	B	C	D	D-C	
<b>BUDGET</b>	<u>\$ 15,500,000</u>	<u>\$ 15,500,000</u>	<u>\$ 15,500,000</u>	<u>\$ -</u>	
<b>CATEGORY</b>					
Construction	\$ 12,038,500	\$ 12,408,267	\$ 12,408,267	\$ -	
Professional Services	\$ 1,322,000	\$ 1,322,000	\$ 1,322,000	\$ -	
FF&E	\$ 1,361,800	\$ 1,336,800	\$ 1,336,800	\$ -	
Administrative	\$ 59,652	\$ 69,652	\$ 69,652	\$ -	
Project Contingency	\$ 354,767	\$ -	\$ -	\$ -	
<i>Regents' Rules</i>	\$ 363,281	\$ 363,281	\$ 363,281	\$ -	
<b>TOTAL</b>	<u>\$ 15,500,000</u>	<u>\$ 15,500,000</u>	<u>\$ 15,500,000</u>	<u>\$ -</u>	

**PARTNERS**

Construction Manager	Hill & Wilkinson General Contractors
Design Professional	Parkhill Smith and Cooper, Inc.
CM Agent	Waived
Tier 2 Auditor	Townsend

# TTUHSC – Dallas Southwest Professional Building Renovation (6<sup>th</sup> Floor)

Construction Delivery: CMAR

	BOR Appr (Full) 8/1/2022   17,700 GSF	Previous Budget As Of 11//2022   17,700 GSF	Current Budget As Of 2/2/2023   17,700 GSF	+ / (-) Change D-C	NOTES
	B	C	D		
<b>BUDGET</b>	<u>\$ 6,781,070</u>	<u>\$ 6,781,070</u>	<u>\$ 6,781,070</u>	<u>\$ -</u>	
<b>CATEGORY</b>					
Construction	\$ 4,005,040	\$ 4,398,921	\$ 4,398,921	\$ -	
Professional Services	\$ 74,500	\$ 74,500	\$ 74,500	\$ -	
FF&E	\$ 1,775,000	\$ 1,775,000	\$ 1,775,000	\$ -	
Administrative	\$ 16,000	\$ 16,000	\$ 16,000	\$ -	
Project Contingency	\$ 751,599	\$ 357,718	\$ 357,718	\$ -	
<i>Regents' Rules</i>	\$ 158,931	\$ 158,931	\$ 158,931	\$ -	
<b>TOTAL</b>	<u>\$ 6,781,070</u>	<u>\$ 6,781,070</u>	<u>\$ 6,781,070</u>	<u>\$ -</u>	

**PARTNERS**

Construction Manager	Hill & Wilkinson General Contractors
Design Professional	Page
CM Agent	Waived
Tier 2 Auditor	Townsend



# Projects – In Design

# ASU – Carr Hall Renovation

**Status:** Stage II Design / Pre-Con

**Current Budget:** \$ 2,096,033

**Projected Budget:** \$ 8,000,000

**Gross Square Feet:** 19,553 GSF

**Team / Status:**

- Design Build Team:
  - Contractor - Hoar Construction
  - DP - O'Connell Robertson
- Construction Manager Agent (CMA):  
Waived
- Landscape Enhancement: Waived
- Public Art: Waived

**Substantial Completion Date:**

Original Date – TBD

Actual Date – TBD



# ASU – Central Plant Renovation and Addition

**Status:** Stage I Design

**Current Budget:** \$ 1,003,550

**Projected Budget:** \$ 36,000,000

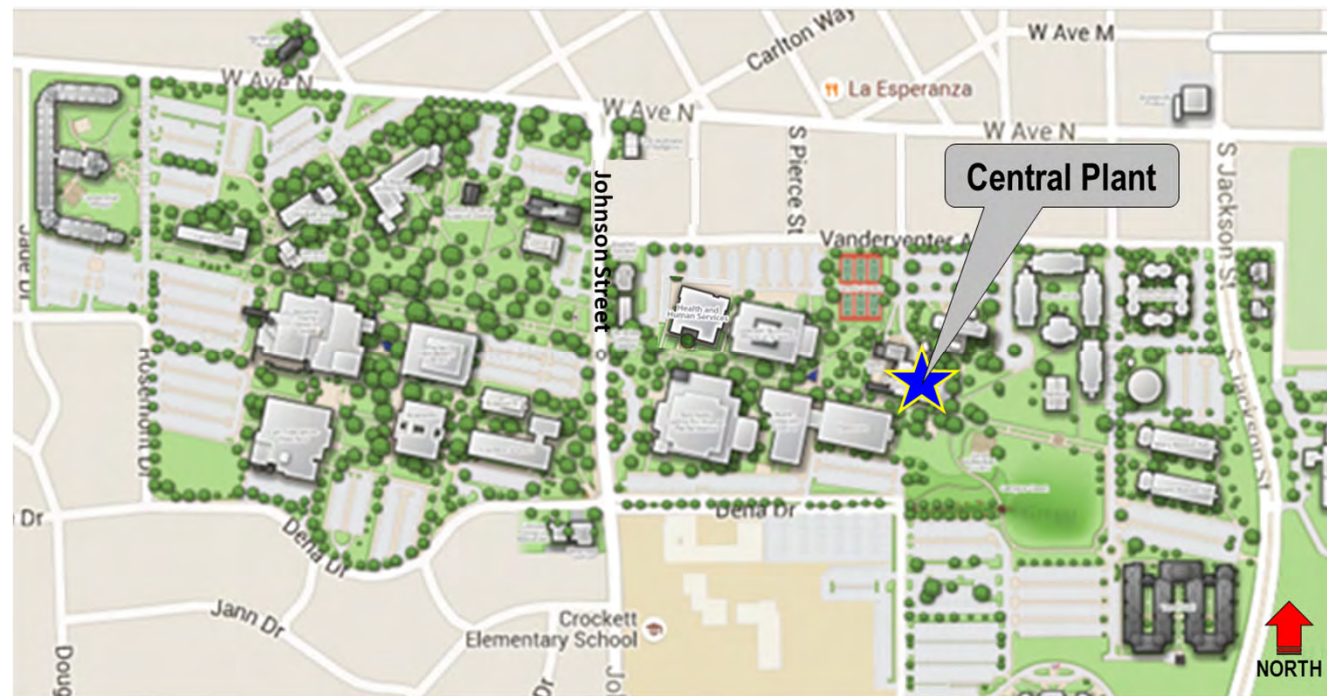
**Team / Status:**

- Design Build Team:  
Contractor – Western Builders  
DP – Sims Architects, Inc.
- Construction Manager Agent (CMA):  
TBD
- Landscape Enhancement: Waived
- Public Art: Waived

**Substantial Completion Date:**

Original Date – TBD

Actual Date – TBD



# ASU – Elta Joyce Murphey Auditorium Renovation

**Status:** Stage II Design

**Current Budget:** \$ 708,903

**Projected Budget:** \$ 6,000,000

**Gross Square Feet:** 5,679 GSF

**Team / Status:**

- Design Professional:  
PBK Architects
- Construction Manager At Risk (CMAR):  
TBD
- Construction Manager Agent (CMA):  
Waived
- Landscape Enhancement: Waived
- Public Art: Waived

**Substantial Completion Date:**

Original Date – TBD

Actual Date – TBD





# MSU – Bolin Hall Renovation and Expansion

**Status:** Stage II Design / Pre-Con

**Current Budget:** \$ 4,127,748

**Projected Budget:** \$ 43,356,000

**Gross Square Feet (approximately):**

55,000 GSF Renovation  
7,500 GSF Addition

**Team / Status:**

- Design Build Team:  
Contractor - Whiting-Turner Contracting Co.  
DP - Corgan
- Construction Manager Agent (CMA):  
TBD
- Landscape Enhancement: TBD
- Public Art: TBD

**Substantial Completion Date:**

Original Date – TBD

Actual Date – TBD



# TTUHSC – Preston Smith Library – 3<sup>rd</sup> Floor Renovation

**Status:** Stage II Design

**Current Budget:** \$ 340,839

**Projected Budget:** \$ 9,000,000

**Gross Square Feet:** 27,000 GSF

**Team / Status:**

- Design Professional:  
Page Southerland Page, Inc.  
Fanning, Fanning & Associates, Inc.  
Contracted with TTUHSC
- Construction Manager/Competitive Sealed Proposal (CSP):  
TBD
- Construction Manager Agent (CMA):  
Waived
- Landscape Enhancement: Waived
- Public Art: Waived

**Substantial Completion Date:**

Original Date – TBD



# TTUHSC – Lab Animal Resource Center (LARC)

**Status:** Stage I Design

**Current Budget:** \$ 340,839

**Projected Budget:** \$ 15,000,000

**Gross Square Feet:** 13,962 GSF

**Team / Status:**

- Design Professional:  
Sims Architects, Inc.
- Construction Manager At Risk (CMAR):  
TBD
- Construction Manager Agent (CMA):  
Waived
- Landscape Enhancement: Waived
- Public Art: Waived

**Substantial Completion Date:**

Original Date – TBD

Actual Date – TBD

Pod C





# TTUHSC – Midland PA New Addition

**Status:** New Building - Stage I Design  
Road – Under Construction

**Current Budget:** \$ 2,500,000

**Projected Budget:** \$ 18,700,000

**Gross Square Feet:** 4,000 GSF Renovation  
TBD GSF New

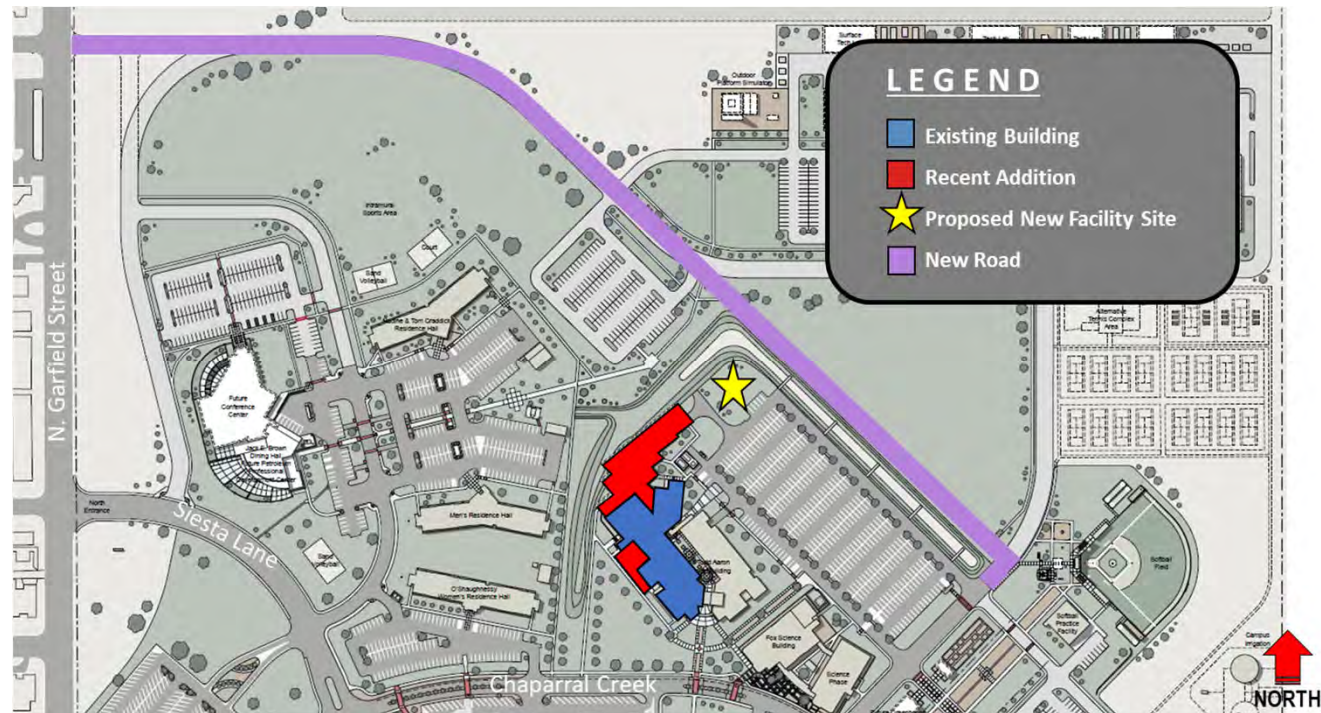
**Team / Status:**

- Design Professional: Parkhill
- Construction Manager At Risk (CMAR): Adolfsen & Peterson Construction
- Construction Manager Agent (CMA): Project Controls
- Landscape Enhancement: Waived
- Public Art: Waived

**Substantial Completion Date:**

Original Date – TBD

Actual Date – TBD





# TTU – West Village C Residence Hall

**Status:** Stage I Design

**Current Budget:** \$ 640,397

**Projected Budget:** \$ 45,000,000

**Gross Square Feet:** 102,234 GSF

**Team / Status:**

- Design Build Team:
  - Contractor – Teinert Construction
  - DP – BOKA Powell
- Construction Manager Agent (CMA): Waived
- Landscape Enhancement: Waived
- Public Art: Waived

**Substantial Completion Date:**

Original Date – TBD

Actual Date – TBD



# TTU – Huckabee College of Architecture

**Status:** Stage I Design

**Current Budget:** \$ 49,000

**Projected Budget:** \$ 30,000,000

**Gross Square Feet:** 154,408 GSF

**Team / Status:**

- Design Professional:  
Huckabee & Associates
- Construction Manager At Risk (CMAR):  
TBD
- Construction Manager Agent (CMA):  
TBD
- Landscape Enhancement: TBD
- Public Art: TBD

**Substantial Completion Date:**

Original Date – TBD

Actual Date – TBD





# TTU – Biology Building Renovation Managed by TTU Operations

**Current Budget:** \$ 8,399,000

**Gross Square Feet:** 144,940 GSF

**Team / Status:**

- Replace Plumbing/Hot Water System \$1,500,000  
Design Professional: TBD (in negotiation)  
Contractor: TBD
- Renovate Restrooms for ADA \$1,000,000  
Design Professional: Huckabee (in design)  
Contractor: TBD
- ADA/Life Safety Renovations \$500,000  
Design Professional: Huckabee/Operations (in design)  
Contractor: TBD
- Renovate Classrooms and Class Labs \$3,399,000  
Design Professional: Huckabee/Operations (in design)  
Contractor: TBD
- Renovate Lecture Hall 100 \$2,000,000  
Design Professional: Huckabee (in design)  
Contractor: TBD



# TTU – Science Building Renovation Managed by TTU Operations

**Current Budget:** \$ 16,181,000

**Gross Square Feet:** 109,343 GSF

**Team / Status:**

- HVAC and Building Controls Upgrade \$2,000,000  
Design Professional: TBD (in negotiation)  
Contractor: TBD
- Abate and Replace flooring \$300,000  
Design Professional: TBD  
Contractor: TBD
- Exterior Building Repairs \$1,000,000  
Design Professional: TBD  
Contractor: TBD
- Accessibility Upgrades \$31,000  
Design Professional: TBD  
Contractor: TBD
- Renovate Machine and Technology Shops \$2,000,000  
Design Professional: TBD (in negotiation)  
Contractor: TBD
- Renovate Classrooms and Class Labs \$4,000,000  
Design Professional: TBD (in negotiation)  
Contractor: TBD
- Elevator and Machine Room Upgrades \$700,000  
Design Professional: TBD (in negotiation)  
Contractor: TBD
- Electrical Upgrades and Emergency Generator \$700,000  
Design Professional: TBD (in negotiation)  
Contractor: TBD
- Life Safety Upgrades \$5,450,000 (in negotiation)  
Design Professional: TBD  
Contractor: TBD





# TTU – Experimental Sciences Building Controls Managed by TTU Operations

**Current Budget:** \$ 4,350,000

**Gross Square Feet:** 113,304 GSF

**Team / Status:**

- Building Controls Upgrade \$4,000,000  
Design Professional: Fanning, Fanning & Assoc.  
Contractor: Control Technologies, Inc. (under construction)
- Switchgear Modification \$350,000  
Design Professional: Operations Division  
Contractor: Control Technologies, Inc. (under construction)



Texas Tech University System

Item 10

# Status of Public Art

# TTU – NRHC Ranch Life Learning Center

**Art Budget:** \$ 74,500

**Artist:** Paul Reimer  
Cranbrook, BC, Canada

**Title:** *What The Wind and The Grass Have Seen*

**Status:** August/September 2023 Installation

**Artist Statement:** This artwork will be a celebration of the history and tradition of ranching in Texas and of the land that sustains it. It will be hand-forged, using centuries-old blacksmithing techniques. It honors the hard work and spirit of the men and women who pioneered ranching. It also speaks to the dedication and vision of modern-day ranchers who work to improve the sustainability of their industry and to contribute to the health and vitality of their communities and to the planet.

