Facilities Committee
Billy Breedlove
Interim Vice Chancellor - Facilities Planning & Construction
August 9-10, 2018
Approve concept and Stage I budget for the new Angelo State University Art Museum building

Billy Breedlove
Site Plan - Artist Concept Rendering
Scope of Services

- Preliminary approval by the board includes:
  - Project concept;
  - Project planning budget; and
  - Design Professional Stage I agreement to provide the following pre-construction services:
    - Programming phase;
    - Schematic Design phase;
    - Statement of Probable Cost; and
    - Project schedule.
Proposed Project Overview

- Program and design an approximate 30,775 GSF new Art Museum
classroom to support the Bachelor of Arts program in Studio Art.

- The building will include:
  - Classrooms;
  - Specialized laboratories for graphic design, sculpture and ceramics
    programs;
  - Student gallery space;
  - Faculty and staff offices; and
  - Support spaces.

- The project will also include site utility infrastructure work, surface
  parking, landscape enhancements, and public art.
## Project Budget

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BOR Approved: 03-02-18
$ 425,000
Recommendation

- Approve the concept for the project; acknowledge use of the Stage I budget of $425,000 to provide planning and design services for the Angelo State University Art Museum building with an anticipated project budget of $14,200,000; and award a Design Professional agreement.
- The Stage I budget was previously board authorized from Gift funds ($425,000 cash).
Approve name at the Centennial Village Residence Hall complex

Patrick Kramer
Angelo State University Campus
Seibel Foundation Commons Building
Recommendation

- Approve the naming of the existing commons building at the Centennial Village Residence Hall complex the “Seibel Commons.”
- The donor concurs with the naming of these facilities.
- Appropriate exterior signage will specify the approved name.
Approve Stage II budget for renovation of Weeks Hall

Billy Breedlove
Scope of Services

- Construction approval by the board includes:
  - Design Professional Stage II agreement to provide the following construction services:
    - Design Development Phase;
    - Construction Document Phase;
    - Construction Administration Phase;
    - Statement of Probable Cost; and
    - Project schedule.
  - Construction Manager at Risk agreement to provide ONLY:
    - The Weeks Hall Renovation Phase 1 - Abatement/Mold Remediation phase of the project.
Proposed Project Overview

- Provide abatement and complete renovation of the existing three-story, 67,234 GSF Weeks Hall.

- Facility programmed to include:
  - Faculty, staff, and graduate student office space;
  - Full scale interior demolition and new interior finishes;
  - HVAC, lighting/electrical and plumbing;
  - Installation of a fire suppression and alarm system; and
  - Life safety upgrades, new elevator, and ADA modifications.

- Project also includes site utility infrastructure work, landscape enhancements, and public art.
First Floor Plan

LEGEND

- Student Disability Services
- Campus Access / Interpreter Services
- Student Disability Services Techniques Center
- Shared Support
Second Floor Plan

LEGEN

- COLLEGE OF HUMAN SCIENCES
- HUMAN DEVELOPMENT & FAMILY STUDIES
- COLLEGE OF HUMAN SCIENCES
- COMMUNITY & FAMILY ADDICTION SERVICES
- COLLEGE OF HUMAN SCIENCES
- DEPARTMENT OF DESIGN
- COLLEGE OF HUMAN SCIENCES
- HOSPITALITY & RETAIL MANAGEMENT
- HUMANITIES
- ARMY ROTC
- SHARED SUPPORT
- PRESIDENT'S SWING SPACE
Third Floor Plan

**Legend**
- MATH
- UNIVERSITY WRITING CENTER
- GRADUATE WRITING CENTER
- GRADUATE CENTER
- CLIMATE SCIENCES
- PRESIDENT'S SWING SPACE
- SHARED SUPPORT
## Project Budget

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(1% Public Art / 1% Landscape Enhancements / 2.4% FP&C)
Recommendation

- Authorize to establish a budget of $3,602,176 to provide design and construction services for the renovation of Weeks Hall with an anticipated budget of $24,800,000; amend the Design Professional agreement; and amend the Construction Manager at Risk agreement.
- The Stage II budget will be funded with Higher Education Assistance Funds (“HEAF”) cash.
- The Stage II budget includes the previously board authorized budget from HEAF funds ($975,000 cash).
Texas Tech University

Approve Stage II budget for a new Athletic Dining Facility

Billy Breedlove
Project Site

Drive of Champions

Frazier Pavilion

Sports Performance Center

Football Training Facility

University Avenue

Eighth Street

Canton Avenue

Red Raider Avenue

Jones AT&T Stadium

Football Training Facility

Eighth Street
Item 3

Drive of Champions

Canton Avenue

Frazier Alumni Pavilion
Scope of Services

- Construction approval by the board includes:
  - Design Professional Stage II agreement to provide the following construction services:
    - Design Development Phase;
    - Construction Document Phase;
    - Construction Administration Phase;
    - Statement of Probable Cost; and
    - Project schedule.
Proposed Project Overview

- Design of an approximate 9,000 GSF Athletic Dining Facility with 220 seats serving approximately 400 athletes.
- Facility to include:
  - Multiple dining environments;
  - Educational kitchen;
  - Full service kitchen with storage area, scullery, walk-in cooler and freezer;
  - Men’s and women’s restrooms;
  - Operations office area; and
  - Service drive.
- Project also includes site utility infrastructure work, landscape enhancements, public art, and relocation of the sundial.
Floor Plan

LEGEND
- AV
- Check-In
- Chef Office
- Cooler
- Demo/Food Provider
- Dining
- Dish Wash
- Dry Storage
- Electrical Room
- Fire Riser
- Freezer
- IT Room
- Kitchen
- Mechanical Room
- Salad Bar
- Restroom
Exterior Concept Rendering
Interior Concept Rendering
## Project Budget

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Recommendation

- Authorize to establish a Stage II budget of $598,358 to provide design and construction services for a new Athletic Dining Facility with an anticipated budget of $5,500,000; and amend the Design Professional agreement.
- The Stage II budget will be funded with Gift (cash).
- The Stage II budget includes the previously board authorized budget from Athletic Revenue ($224,970 cash).
Approve concept and Stage I budget for Dairy Barn Renovation project

Billy Breedlove
Current Dairy Barn Photo
Artist Concept Rendering
Scope of Services

- Preliminary approval by the board includes:
  - Project concept;
  - Project planning budget; and
  - Design Professional Stage I agreement to provide the following pre-construction services:
    - Programming phase;
    - Schematic Design phase;
    - Statement of Probable Cost; and
    - Project schedule.
Proposed Project Overview

- Program and schematic design the renovation of the 8,000 GSF historic structure.
- Renovate and convert the entire structure to support TTU’s collaborative learning environment with the creation of:
  - Studio Spaces,
  - Display area; and
  - Event space.
- Due to original function and date of this facility, the utility infrastructure to accomplish this initiative must be provided.
Proposed Project Overview (cont.)

- Design of a complete interior package is required along with:
  - Mechanical,
  - Electrical,
  - Lighting,
  - Plumbing,
  - Fire suppression,
  - Security,
  - Stairs, and elevator to support such renovation.
- Asbestos materials have been abated.
- The existing silo is not a part of the renovation project.
## Project Budget

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**Total** $123,650
Recommendation

- Approve the concept for the project; authorize to establish a Stage I budget of $123,650 to provide planning and design services for the Dairy Barn Renovation project with an anticipated project budget of $2,600,000; waive the board directed fees for public art and landscape enhancements; and award the Design Professional agreement.
- The Stage I budget will be funded with Gifts (cash).
- The Stage I budget includes the previously authorized budget from Gifts ($20,000 cash).
Approve concept and Stage I budget for a proposed new School of Veterinary Medicine

Billy Breedlove
Item 5

Off-Site Map

- School of Veterinary Medicine (130,000 GSF)
- Proposed Off-Site Large Animal Facility (~140 Acres)
- Teaching Herd Holding Area
- Large Animal Teaching and Research (~30,000 GSF)

Travel Distance - 2.5 Miles

NORTH
Scope of Services

- Preliminary approval by the board includes:
  - Project concept;
  - Project planning budget; and
  - Design Professional Stage I agreement to provide the following pre-construction services:
    - Programming phase;
    - Schematic Design phase;
    - Statement of Probable Cost; and
    - Project schedule.
Proposed Project Overview

- Four-year School of Veterinary Medicine is expected to serve approximately 240 students, with an additional 150 to 200 non-DVM graduate students and an estimated FTE academic staff of 90.
- Provide program and schematic design of a primary high-tech veterinary teaching/research facility for both small and large animals.
- Program each facility to accommodate growth.
## Project Budget

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Recommendation

- Approve the concept for the project; authorize to establish a Stage I budget of $1,372,103 to provide planning and design services for a proposed new School of Veterinary Medicine with an anticipated budget of $89,820,000; and amend the Design Professional agreement.
- The Stage I budget will be funded with appropriated funds.
- The Stage I budget includes the previously authorized budget from appropriated funds ($242,300).
Approve naming of the Pediatric Waiting Room at TTUHSC Amarillo campus

Dr. Tedd L. Mitchell
School of Medicine and Health Professions
Pediatric Waiting Room
Recommendation

- Approve the naming of the Pediatric Waiting Room located on the Texas Tech University Health Sciences Center Amarillo campus, to be named the “Beth Hance Hodges Pediatric Waiting Room.”
- The donor concurs with the naming of this interior space.
- Appropriate signage for the suite will specify the approved name.
Approve a Stage II budget for the new School of Dentistry – Dental Learning Center

Billy Breedlove
Scope of Services

- Construction approval by the board includes:
  - Design Professional Stage II agreement to provide the following construction services:
    - Design Development Phase;
    - Construction Document Phase;
    - Construction Administration Phase;
    - Statement of Probable Cost; and
    - Project schedule.
Proposed Project Overview

- Finish-out 25,845 GSF on the third floor of the Medical Sciences Building II currently under construction for the Dental Learning Center.

- Project will include:
  - Simulation lab with the associated support spaces:
    - Student locker room;
    - Radiological simulation room;
    - Dispensary;
    - CAD/CAM lab;
    - Dental stores/storage room; and
    - Faculty grading/conference room.
  - Dental administration suite containing waiting room, reception area, staff offices, conference room, copy/print/workroom and filing room; and
  - Other ancillary offices.
Third Floor Plan

LEGEND
- Dental Learning Center
- Office Space
- Simulation Lab
- Lab Support Spaces
- Student Lounge
- Waiting/Break Areas
- Administrative Suite
- Ancillary Offices
- Shell Space
- Circulation Space
- Bldg Service Areas
## Project Budget

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*1% Landscape & 1% Public Art included in Original Budget for MSBII
Recommendation

- Authorize to establish a Stage II budget of $924,383 to provide design services for the new School of Dentistry – Dental Learning Center with an anticipated budget of $11,500,000; amend the Design Professional contract.

- The Stage II Study budget will be funded with General Revenue funds (cash). The Stage II budget includes the previously board authorized budget from General Revenue funds ($300,000 cash).
Report on Facilities Planning and Construction projects (project data as of 7/24/18)

Billy Breedlove
ASU – Centennial Village – Phase II

Current Budget: $ 14,500,000

Gross Square Feet: 48,000 GSF

Team / Status:
- Design-Build Team:
  Whiting Turner Construction / Marmon Mok @ 91%
- Construction Manager Agent (CMAgent):
  Waived
- Artist:
  Frank Swanson / Aug / Sep 2018 Installation

Substantial Completion Date:
- Original Date – June 2018
- Actual Date – June 1, 2018
## Construction Delivery: DB

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### PARTNERS
- General Contractor: Whiting Turner Construction
- Design Professional: Marmon Mok
- CM Agent: Waived
- Tier 2 Auditor: RSM

1. e-Builder 04/27/2018
2. e-Builder (Project Management Software)
TTU – Talkington College of Visual & Performing Arts Theatre & Dance Complex

**Current Budget:** $23,000,000

**Gross Square Feet:** 52,727 GSF

**Team / Status:**
- Design Professional:
  - BRW Architects @ 80%
- General Contractor:
  - Teinert Commercial Building Services, Inc. @ 22%
- Construction Manager Agent (CMAgent):
  - Parkhill, Smith & Cooper, Inc. @ 64%
- Artist:
  - RDG Studio / December 2018 Installation

**Substantial Completion Date:**
- Original Date – December 2018
- Amended Date - March 2019
- Actual Date – TBD
## TTU – Talkington College of Visual & Performing Arts Theatre & Dance Complex

### Construction Delivery: CMR

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### PARTNERS

- **General Contractor**: Teinert Commercial Building Services, Inc.
- **Design Professional**: BRW Architects
- **CM Agent (PM Assist)**: Parkhill, Smith & Cooper, Inc.
- **Tier 2 Auditor**: CBIZ

1. e-Builder 04/27/2018
2. e-Builder (Project Management Software)
TTU – Experimental Sciences Building II

**Current Budget:** $ 77,000,000

**Gross Square Feet:** 117,800 GSF

**Team / Status:**
- **Design Professional:** TreanorHL @ 87%
- **Construction Manager at Risk (CMR):** Flintco, LLC @ 57%
- **Construction Manager Agent (CMAgent):** Project Control of Texas, Inc. @ 73%
- **Artist:** Lead Pencil Studio / May 2019 Installation

**Substantial Completion Date:**
Original Date – June 2019
Actual Date – TBD
## TTU – Experimental Sciences Building II

**Construction Delivery: CMR**

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**CATEGORY**

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<tr>
<th></th>
<th>A</th>
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**PARTNERS**

- General Contractor: Flintco, LLC
- Design Professional: Treanor-HL
- CM Agent: Project Control of Texas, Inc.
- Tier 2 Auditor: CBIZ

1. e-Builder 04/27/2018
2. e-Builder (Project Management Software)
Current Budget $ 91,375,000

Gross Square Feet: 199,862 GSF

UC 62,258 GSF
WE 125,104 GSF
AEC 12,500 GSF

Team / Status:
• Design Professional: Perkins + Will @ 82%
• Construction Manager at Risk (CMR): Hill & Wilkinson General Contractors @ 33%
• Construction Manager Agent (CMAgent): Hill International @ 58%
• Artist:
  Interior Art: Adam Frank – February 2019
  Exterior Art: James Surls – February 2019

Substantial Completion Date:
  Original Date – March 2019
  Amended Date – June 2019
  Actual Date – TBD

TTUHSC – Lubbock Education, Research & Technology + West Expansion
## TTUHSC – Lubbock Education, Research & Technology + West Expansion

### Construction Delivery: CMR

<table>
<thead>
<tr>
<th>BOR Appr (Planning)</th>
<th>BOR Appr (Full)</th>
<th>Previous Budget</th>
<th>Current Budget</th>
<th>+/- Change</th>
<th>NOTES</th>
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<td>8/2015</td>
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<td>$91,375,000</td>
<td>$91,375,000</td>
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### PARTNERS

- General Contractor: Hill & Wilkinson General Contractors
- Design Professional: Perkins + Will
- CM Agent: Hill International
- Tier 2 Auditor: CBIZ

1. e-Builder 04/27/2018
2. e-Builder (Project Management Software)
TTUHSC – Permian Basin Academic Facility

Current Budget: $ 22,300,000

Gross Square Feet: 51,000 GSF

Team / Status:
- Design Professional:
  FKP Architects, Inc. @ 76%
- General Contractor
  Flintco, LLC @ 77%
- Construction Manager Agent (CMAgent):
  Adams Management Services @ 85%
- Artist:
  Albert Paley / August 2018 Installation

Substantial Completion Date:
Original Date – July 2018
Actual Date – TBD
**Construction Delivery: CMR**

<table>
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<tr>
<th>CATEGORY</th>
<th>A</th>
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<th>C</th>
<th>D</th>
<th>+/- Change</th>
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**PARTNERS**
- General Contractor: Flintco, LLC
- Design Professional: FKP Architects, Inc.
- CM Agent: Adams Management
- Tier 2 Auditor: CBIZ

① e-Builder 04/27/2018
② e-Builder (Project Management Software)
TTUHSC El Paso - Medical Sciences Building II

**Current Budget:** $ 84,400,000

**Gross Square Feet:** 219,900 GSF

**Team / Status:**
- Design Professional: Perkins + Will @ 86%
- Construction Manager at Risk (CMR): Sundt @ 37%
- Construction Manager Agent (CMAgent): Broaddus and Associates @ 62%
- Artist: Thomas Sayre / March 2019 Installation

**Substantial Completion Date:**
Original Date – March 2019
Actual Date – TBD
### TTUHSC El Paso - Medical Sciences Building II

**Construction Delivery: CMR**

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<th>Category</th>
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<td>84,400,000</td>
<td>84,400,000</td>
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</table>

**PARTNERS**
- General Contractor: Sundt
- Design Professional: Perkins + Will
- CM Agent: Broaddus and Associates
- Tier 2 Auditor: RSM

1. e-Builder 04/27/2018
2. e-Builder (Project Management Software)
Texas Tech University System

Status of Public Art
**Art Budget:** $ 253,000

**Artist:** Owen Morrel  
Miami, FL

**Title:** Cube-i

**Status:** September 2018 Installation

**Artist Statement:** “Cube-i” will be a mirrored stainless-steel piece that is 24’ long, 8’ wide, and 11’ tall. The artist wants to transform the site through this iconic and interactive sculpture. The strong geometry of the piece mimics the architecture of the Archer College of Health and Human Services building. The cube, a symbol of wholeness or oneness, has specific meaning within the context of this facility promoting and initiating overall wellness and wholeness. Mirrors reflect those who view the sculpture and the surrounding environment, including the building and the nature around it. The sciences heavily influence all the artist’s work.
ASU – Centennial Village II

**Art Budget:** $ 135,000

**Artist:** Frank Swanson  
Sedalia, CO

**Title:** Confluence

**Status:** August – September 2018  
Installation

**Artist Statement:** 
“Confluence” will be composed of two granite sculpture elements and six sculptural benches near the entrance of Centennial Village. The artist wants to enhance the entrance to the building by creating a unique environment that can be used for seating, as well as present a dynamic sculpture to interact with. The sculpture represents the melding of ideas that are brought together in a university setting. The central pieces of the sculpture, cut from the same block, are separate but interconnecting, representing the circles of conversations and ideas that are swirling amongst the faculty and students. The overall shape also mirrors two ram horns. This piece will be lit at night, allowing viewers to enjoy it any time they visit.
TTU – New Honors Residence Hall

Art Budget: $ 287,000
Artist: Marc Fornes / Theverymany
New York, NY
Title: Wandering
Status: February – March 2019
Installation

Artist Statement: “Wandering” will be a sculptural shade structure that is planned to be between 16 and 18’ tall and 50’ long. Marc Fornes’ work is inspired by public art as an engaging space and a place for social interaction. The artist was inspired by the potential traffic flow patterns in the space to create the initial shape. He also used the Banyan tree as inspiration; although they have a large center trunk (represented by the university), they also drop many roots that flourish (students). The piece will be made of painted aluminum and will have a white and tan ombré color scheme. It will also change in appearance from many angles, including the views from the top floor of the dorm. Unique shapes will be imbedded in the piece, which will cast interesting shadows in the day, as well as when the piece is lit at night.
TTU – Talkington College of Visual & Performing Arts Theatre & Dance Complex

**Art Budget:** $220,000

**Artist:** RDG Studio
Des Moines, IA

**Title:** *Awaiting Artist Announcement*

**Status:** December 2018 Installation

**Artist Statement:** The proposed design is for a sculptural installation, reminiscent of the proscenium of a theatre stage, that will frame the entryway to the building. The structure will function on many levels, as a pergola or passageway, and suggestive of a gallery or stage left/stage right on either side of the entryway. The structure will create a ceremonial experience of entering the building where, for a moment, everyone is a performer on a stage. Laser-cut panels will suggest the opening of curtains; the overlap in the panels create a sense of movement and the folds of drapery. LED lighting with give the piece a red glow at night. The overall size and final design are still in process.
TTU – Experimental Sciences Building II

Art Budget: $ 754,000

Artist: Lead Pencil Studio
Seattle, WA

Title: Awaiting Artist Announcement

Status: May 2019 Installation

Artist Statement: The proposed design is for a 35’ tall by 35’ foot long by 7’ wide sculptural installation created using cross-welded wire. The sculpture resembles “architecture in reverse” by taking the negative space that we normally don’t see and turning it into art, directing viewers to a new way of seeing. Their proposal was inspired by the intertwined relationship between human imagination and rational thinking that takes place in the experimental sciences. The structure will create a sense of place and provoke dialogue by creating indefinite ends rather than asserting conclusions. The artists will work with TTU to create a site-specific work that also engages with the architecture and history of the campus. LED lighting will give the piece a subtle glow at night, while the unique material will create interesting shadows throughout the day.
Art Budget: $ 67,000

Artist: Peter Mangan
Blanco, TX

Title: Awaiting Artist Announcement

Status: May 2019 Installation

Artist Statement: The selected design is for a 20’ tall sculpture made of steel and fused glass. The sculpture represents a red-tailed hawk and will be placed within the ecogarden landscape planned for the Museum’s entry; the base of the sculpture was created to mimic the unique shape of the Museum’s building. The abstracted bird sculpture has a wingspan of 10’, double that of a real red tail hawk and the colors of the interior fused glass pieces will be like the actual bird’s feather coloring. The 136 pieces will also subtly move and shimmer, activated by the Lubbock winds. The piece will be lit at night with LED solar lighting.
Art Budget: $ 214,000
Artist: Albert Paley
New York, NY
Title: Awaiting artist announcement
Status: August 2018 Installation

Artist Statement: The selected design is for a horizontal piece that is 50' in length and 21' in height that will be placed in front of the Permian Basin Academic Facility. The contrast of a geometric building and organic sculpture will allow the two forms to complement one another. The sculpture is non-literal but is meant to capture the essence of the West Texas landscape. The gestural nature of the sculpture relates to one’s experience while traveling over the flat and stark land. Also represented is the wind, due to the flow of the shapes, and the taller elements represent sun rays. No one interpretation of what the viewer sees is incorrect. This will allow the sculpture to relate to many viewers in different ways, according to their own experience.
Art Budget: $ 300,000
Artist: Adam Frank
New York, NY
Title: Pulse
Status: February 2019 Installation

Artist Statement: The proposed design, tentatively titled *Pulse*, is for an 11-foot-tall, 8-foot-wide LED screen that features an accurate simulation of the human circulatory system in the visual style of an MRI in the lobby of the University Center. As people enter the building, the heartbeat quickens. The more building occupants, the faster the beats and the blood flow. As people leave, the heart begins to slow and eventually settles to an average sleeping rate overnight. Each member of the TTUHSC community help to drive the heartbeat equally. *Pulse* will activate the lobby with an anatomically accurate MRI of the beating heart of the Health Sciences Center. This piece will help set the tone for campus visitors as an innovative and vibrant medical center.
Art Budget: $ 530,500

Artist: James Surls
Carbondale, CO

Title: Complete Fragment

Status: February 2019 Installation

Artist Statement: The proposed design, tentatively titled Complete Fragment, is for three bronze and stainless-steel sculptures, one 8’x 9’x 10’, another 9.5’x 8’x 11’, and the third 11’x 12’x 18’ in size. Each sculpture represents the origin of life through the depiction of molecules, as well as growth as represented by flowers. The three separate pieces are meant to create one whole piece, allowing the viewer to stand in the middle of the sight and view a sculpture from any angle. Each sculpture has its own life, yet the power is that each is a part of the whole, representative of the connecting tissue of the human endeavor. These sculptures will be part of a landscaped park space where visitors can sit and find calm and healing, a respite from the busy life inside the buildings.
<table>
<thead>
<tr>
<th><strong>Art Budget:</strong></th>
<th>$ 790,000</th>
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</thead>
</table>
| **Artist:**    | Thomas Sayre  
                 Raleigh, NC |
| **Title:**     | Awaiting artist announcement |
| **Status:**    | March 2019 Installation |

**Artist Statement:** The public art installation by Thomas Sayre, tentatively titled *Between Earth and Sky*, will sculpt the almost 15,000 square foot site into one large, sculptural environment, consisting of highly articulated ground plane terrain and an ever-changing array of kinetic wind sculptures hovering above it. The ground plane will be sculpted into a series of 20 earth berms ranging in height from 3 to 5 feet. Slicing through the berms will be a curving pathway bracketed by earthcast walls. Rising out of the terrain will be 23 wind activated sculptures, varying in height from 16-24 feet; each sculpture will have a unique pattern and a hand-blown glass ball that will be lit at night. The artist will work with faculty and researchers on the TTUHSC El Paso campus to determine unique patterns to use in the sculptures.
Public Art Collection – arTTrek App