MEMORANDUM

TO: Dr. Mark A. Hussey
Interim President, Texas A&M University

SUBJECT: CBE Recommendation: Equine Medical Theriogenology Facility

The Council for the Built Environment (CBE) received a request from the College of Veterinary Medicine & Biomedical Sciences to add additional facilities to the existing Equine Medical Theriogenology Facility (EMTF, building 1232) in which half of the world renowned Equine Theriogenology research/teaching team is currently housed. They propose to relocate the other half of the team out of 0106 & 0107, where their research and teaching is currently housed, to these additional facilities.

Buildings 0106 & 0107 are older mobile homes that are beyond repair and nearly uninhabitable. In accordance with the College of Veterinary Medicine & Biomedical Sciences Campus District Plan, approved by the CBE in March 2012, 0106 & 0107 are scheduled to be demolished.

The College of Veterinary Medicine & Biomedical Sciences has identified funding from within the college to support the proposed 4,650 gross square foot addition to building 1232 (EMTF) at an estimated cost $1,645,850.

Recommendations

Design Review Sub-Council (DRsc): The DRsc unanimously voted to recommend approval of the request for expansion of building 1232, Equine Medical Theriogenology Facility, as presented. This recommended approval is for project and final design approval, and the DRsc understands that the project will not come back for further review unless there are changes to the design.

Technical Review Sub-Council (TRsc): The TRsc supports the proposed Expansion of Building 1232 (Equine Medical Theriogenology Facility) and recommends approval, provided the following issues/concerns are addressed and funded.

- Facilities Services:
  The design team needs to ensure that the project does not increase the rate of storm runoff into local creeks.
The project team should coordinate with Grounds Management for landscaping and irrigation concerns.

The project team should ensure that the facility is designed to minimize, as much as practical, the effort needed for future maintenance.

It is preferred that items requiring maintenance be easy to service, be easily accessible from ground or floor level, have generous clearances and be easy to isolate from energy sources with minimal impact to the rest of the facility. Elevated items requiring maintenance that are difficult to service by ladder or lift should have permanent maintenance access platforms with permanent stairs or ladders, built-in fall prevention, and davits for hoisting parts and tools.

- EHS and SASE:
The new construction must include a full fire suppression system.

The new construction must include a fully addressable fire detection system which should be an extension of the fire detection system currently installed in the existing equine facility.

- Utility & Energy Services:
TAMU UES personnel have reviewed the proposed location of the expansion/related prints and do not see any conflicts with existing utility services.

UES will need to review the specifications and final design on the electrical system upgrade prior to construction.

According to the prints the existing DX HVAC system will not be added to or replaced - the design team needs to verify that the current system will effectively meet the needs of the expanded building.

The current thermostat locations shown in the prints do not seem to properly address the new space and specific usages of the space as shown.

The project and design team will need to follow the TAMU policy on digging on campus-prior to any excavation.

The project and design team will need to follow the applicable TAMU UES Design Standards.

- Capital Financial Planning:
It is recommended a plant account be set up to handle the expenses for this project.
November 26, 2014
CBE Recommendation: Equine Medical Theriogenology Facility
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The CBE voted unanimously to recommend the President’s approval, with noted caveats, the request from the College of Veterinary Medicine & Biomedical Sciences to add additional facilities to the existing Equine Medical Theriogenology Facility.

Karan L. Watson 12-3-14
Provost and Executive Vice President
Co-Chair, Council for the Built Environment

Jerry Strawser 12/1/14
Vice President for Finance and Administration
Co-Chair, Council for the Built Environment

Concur or not concur with CBE’s recommendation:

Mark A. Hussey 12-5-2014
Interim President

cc: Sub-Council Chairs, Council for the Built Environment
    Dr. Eleanor Green, Carl B. King Dean of Veterinary Medicine
September 05, 2014

To: Dr. Karan L. Watson, Provost and Executive Vice President for Academic Affairs Chair, Council for the Built Environment Texas A&M University

Through: Dr. Eleanor M. Green, Carl B. King Dean of Veterinary Medicine Texas A&M University College of Veterinary Medicine & Biomedical Sciences

From: Sam Wigington, Director of Facilities Texas A&M University College of Veterinary Medicine & Biomedical Sciences

Subject: Expansion of Building 1232 (Equine Medical Theriogenology Facility)

The College of Veterinary Medicine & Biomedical Sciences proposes to add additional facilities to the existing Equine Medial Theriogenology Facility (EMTF, building 1232) in which half of the world renowned Equine Theriogenology research/teaching team is currently housed. We propose to relocate the other half of the team out of 0106 & 0107, where their research and teaching is currently housed, to these additional facilities.

Buildings 0106 & 0107 are older mobile homes that are beyond repair and nearly uninhabitable. In accordance with the College of Veterinary Medicine & Biomedical Sciences Campus District Plan, approved by the CBE in March 2012, 0106 & 0107 are scheduled to be demolished.

The College of Veterinary Medicine & Biomedical Sciences has identified funding from within the college to support the proposed 4,650 gross square foot addition to building 1232 (EMTF) at an estimated cost $1,645,850.

Thank you for your consideration.
MEMORANDUM

TO: Dr. Jerry Strawser  
Co-Chair, Council for the Built Environment

Dr. Karan Watson  
Co-Chair, Council for the Built Environment

FROM: Ms. Lilia Gonzales, AIA  
University Architect and Chair, Design Review Sub-Council

DATE: September 25, 2014

RE: Design Review Sub-Council (DRsc) Report  
Expansion of Building 1232 – Equine Medical Theriogenology Facility

The Design Review sub-council (DRsc) reviewed a request from the College of Veterinary Medicine & Biomedical Sciences for project approval for the expansion of building 1232, Equine Medical Theriogenology Building.

This facility was originally constructed in 2001 but the size of the facility was reduced at the time due to budget constraints. This proposal is to extend the building off the west side of the existing pavilion. This 4,650 sq. ft. expansion will include offices and lab space.

The proposed facility will be a pre-engineered metal building and will be designed to match the existing exterior finishes. The design will incorporate the same brick, utilize a bronze frame finish and other exterior finishes and colors as the existing facility. The project scope also includes an upgrade to the air circulation system. Large fans will be installed under the pavilion to improve air flow and temperatures in the stalls and open spaces.

Also included in the scope is the demolition of nearby portable buildings, buildings 0106 and 0107. This demolition as well as the expansion of building 1232 is in compliance with the CVMBS District Plan.

Recommendation  
The Design Review sub-council unanimously voted to recommend approval of the request for expansion of building 1232, Equine Medical Theriogenology Facility, as presented. This recommended approval is for project and final design approval, and it is the DRsc’s understanding that the project will not come back for further review unless there are changes to the design.

I have attached selected images from the presentation. Please let me know if you need additional information.

cc: Sam Wigington  
DRsc Members  
Bettyann Zito
1232- Theriogenology Facility
MEMORANDUM

TO: Dr. Karan Watson  
   Co-chair, Council on the Built Environment  
   Dr. Jerry Strawser  
   Co-chair, Council on the Built Environment

FROM: Tom Reber  
       Chair, CBE Technical Review Sub-council

DATE: October 14, 2014

SUBJECT: CBE TRsc Recommendation: Expansion of Building 1232 (Equine Medical Theriogenology Facility)

On October 6, 2014 Sam Wigington, Director of Facilities of Veterinarian Medicine presented to the CBE's Technical Review Sub-council on the proposed expansion of Building 1232, Equine Medical Theriogenology Facility to add additional facilities to the existing building. Half of the research/teaching team is currently housed in this facility and would like to relocate the other half of the team currently housed in building 0106 & 0107 to these additional facilities. Buildings 0106 & 0107 are beyond repair. The college of Veterinary Medicine & Biomedical Sciences has identified funding within the college to support the proposal.

Recommendation
The Technical Review Sub-council supports the proposed Expansion of Building 1232 (Equine Medical Theriogenology Facility) and recommends approval, provided the following issues/concerns are addressed and funded.

Facilities Services:
The design team needs to ensure that the project does not increase the rate of storm runoff into local creeks.

The project team should coordinate with Grounds Management for landscaping and irrigation concerns.

The project team should ensure that the facility is designed to minimize, as much as practical, the effort needed for future maintenance.
It is preferred that items requiring maintenance be easy to service, be easily accessible from ground or floor level, have generous clearances and be easy to isolate from energy sources with minimal impact to the rest of the facility. Elevated items requiring maintenance that are difficult to service by ladder or lift should have permanent maintenance access platforms with permanent stairs or ladders, built-in fall prevention, and davits for hoisting parts and tools.

**EHS and SASE:**
The new construction must include a full fire suppression system.

The new construction must include a fully addressable fire detection system which should be an extension of the fire detection system currently installed in the existing equine facility.

**Utility & Energy Services:**
TAMU UES personnel have reviewed the proposed location of the expansion / related prints and do not see any conflicts with existing utility services.

UES will need to review the specifications and final design on the electrical system upgrade prior to construction. Transformer/Genset and building connection.

According to the prints the existing DX HVAC system will not be added to or replaced – the design team needs to verify that the current system will effectively meet the needs of the expanded building.

The current thermostat locations shown in the prints do not seem to properly address the new space and specific usages of the space as shown.

The project and design team will need to follow the TAMU policy on digging on campus – prior to any excavation - [https://utilities.tamu.edu/digging-campus/](https://utilities.tamu.edu/digging-campus/).

The project and design team will need to follow the applicable TAMU UES Design Standards - [https://utilities.tamu.edu/design-standards/](https://utilities.tamu.edu/design-standards/).

TAMU UES looks forward to working closely with the project and design team to ensure that all campus requirements are met and that the project is successful.

**Capital Financial Planning:**
It is recommended a plant account be set up to handle the expenses for this project.
University Police:
No concerns.

FCOR/GIS, Telecommunications, Transportation Services, CIS, and Procurement:
No concerns expressed.

Xc: CBE Technical Review Sub-council
    CBE Support Staff