MEMORANDUM

TO: Dr. R. Bowen Loftin
President

SUBJECT: Recommendation from the Council of Built Environment: Vet Med Request for Addition to Large Animal Hospital

At its January 11, 2011 meeting, the Council of Built Environment reviewed the attached recommendations from the Design Review Sub-Council and Technical Review Sub-Council on a proposal to construct a Food Animal Teaching and Patient Pavilion which will provide an overhead covering for the existing animal loading/unloading areas and holding pens adjacent to the existing food animal area of the Veterinary Medical Teaching Hospital.

The Design Review Sub-Council met on December 7, 2010 and reviewed the project and recommended approval of this design and materials as presented. The roofing materials of the proposed structure will match that of the surrounding facilities.

The Technical Review Sub-Council met with Dr. Allen Rousell and Mr. Sam Wigington from Large Animal Clinic on December 16, 2010 to obtain additional information. The sub-council recommended approval if all concerns indicated are satisfied.

The CBE unanimously approved the addition of the Food Animal Teaching and Patient Pavilion project as presented and recommends approval by the President.

Káran L. Watson
Interim Provost and Executive Vice President
for Academic Affairs
Co-Chair, Council of Built Environment

Thomas H. Taylor
Interim Vice President for Administration
Co-Chair, Council of Built Environment

Recommendation Approved:

R. Bowen Loftin
President

Enclosure
cc: Members, Council of Built Environment

Rudder Tower, 8th Floor
1179 TAMU
College Station, TX 77843-1179

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www.tamu.edu
November 2, 2010

Co-Chair Karan Watson & Co-Chair Tom Taylor  
Council on the Built Environment  
Texas A&M University  

RE: Request to Build a Food Animal Teaching and Patient Pavilion  

Dear Dr. Watson and Mr. Taylor;  

The Department of Large Animal Clinical Sciences in the College of Veterinary Medicine and Biomedical Sciences would like to construct a Food Animal Teaching and Patient Pavilion adjacent to the existing food animal portion of the Veterinary Medical Teaching Hospital.  

The Pavilion would provide an all-weather shelter for the existing loading and unloading area, several existing outdoor animal pens, and the new cattle teaching facility, which will replace a facility that was recently demolished to allow construction of the new Diagnostic Imaging and Cancer Treatment Center.  

The weatherproof covering over the loading area is long overdue. Our clients and students have been subjected to the extremes of weather conditions during the sometimes long and difficult process of loading and unloading patients leaving and entering our hospital. This new covering will increase the comfort and satisfaction of our clients when they bring animals to our teaching hospital. During approximately half of the year, the existing outside pens are minimally useful because there is no shade to protect the animals from the hot sun. When weather permits, these pens are used to house inpatients who are only here during the day, thus decreasing contamination and soiling of our indoor hospital area. We also use these pens as exercise and re-acclimatization areas for our inpatients.  

Our previous cattle teaching facilities, which were antiquated and needed to be replaced anyway, have recently been demolished due to construction of our new imaging facility. We conduct several laboratory courses annually using these facilities. Without a weatherproof facility, we will have to eliminate most of our cattle laboratory courses. This would be extremely
detrimental to our food animal teaching program, an area that is of critical importance to maintaining and expanding the supply of rural and food animal veterinarians.

We respectfully request that these additions be approved so we can continue to provide the best possible education for our students and service to our clients. Funding for the constructing has already been located within departmental accounts. Additionally, Dean Eleanor Green has approved this plan for construction.

Sincerely,

Allen Roussel
Acting Department Head
Large Animal Clinical Sciences

Eleanor Green
Carl B. King of Veterinary Medicine
MEMORANDUM

TO: Dr. Karan Watson  
   Interim Provost and Executive Vice President for Academic Affairs  
   Mr. Tom Taylor  
   Interim Vice President for Administration

FROM: Prof. David Woodcock  
   Chair, Design Review Sub-Council

DATE: December 10, 2010

RE: Design Review Sub-Council Report  
    Food Animal Teaching and Patient Pavilion

On December 7, 2010 the Design Review Sub-Council (DRS) reviewed the proposed Food Animal Teaching and Patient Pavilion. This addition would provide an overhead covering for the existing animal loading/unloading areas and holding pens adjacent to the Food Animal area of the Veterinary Medical Teaching Hospital. Mr. Sam Wigington, Clinic Manager for Large Animal Clinical Sciences, noted that the roofing materials of the proposed structure would match that of the surrounding facilities.

The DRS feels that this structure would maintain the high quality of the surrounding facilities in the veterinary complex and recommends approval of the design and materials as presented.

cc: Design Review Sub-Council Members
MEMORANDUM

TO: Dr. Karan Watson  
Interim Executive Vice President and Provost

Mr. Tom Taylor  
Interim Vice President for Administration

SUBJECT: Food Animal Pavilion – Veterinary Medicine

The following report is provided to the Council on Built Environment from the Technical Review Sub-Council regarding the above mentioned project. The TRS members met with Dr. Allen Rousell and Mr. Sam Wiginton on December 16 and have responded to that presentation as shown below. The committee recommends approval if all concerns indicated below are satisfied.

Funding Implications
The funds in the account cited cannot be used for new construction. Vet Med should work with Budget & Planning to request a funding swap.

Transportation Services
No concerns. Normal contractor parking coordination is needed during construction.

Procurement Services
No concerns.

Facilities Services
No concerns.

Utilities & Energy Management
The site will require modification or additions to utility systems. Cost is estimated at $31,000. Utilities & Energy Management must be included in all phases of the project. See attached information.

Security and University Police
No concerns.
EHS
No concerns.

CIS Networking
Consideration should be made during the design phase to include necessary infrastructure (conduits/cabling pathways) to provide for possible security/observation/monitoring cameras and also possible wireless networking.

Telecommunications
No concerns except insure that all infrastructure is located and identified prior to construction.

Rodney E. Weis
Chair, Technical Review Committee
Executive Director for Facilities Services

Attachments
cc: Technical Review Sub-Council Members
Utilities Infrastructure Evaluation to Serve
Proposed Food Animal Pavilion
January 7, 2011

The proposed site for a new covered, open-air Food Animal Pavilion is located in the vet school area on the northwest corner of the Large Animal Hospital. The project consists of two new interconnected covered working areas to be used for the handling of food animals, adjoining the north and west sides of the existing Large Animal Hospital Building. Utilities for this site are estimated to cost $31,000 as described below.

The site location will require modification or addition to the following utility systems – storm sewer, sanitary sewer, domestic water, and parking lot lighting. The location of proposed pavilion foundation support piers and footings must be designed and installed to allow for adequate clearance from existing electrical duct bank and thermal lines that pass through the area. Because the pavilion will extend over existing utility lines, the pavilion foundation must be designed to allow for possible future excavation and access to utility lines.

To provide sufficient clearance to allow for maintenance of existing utility systems, proposed footings should be placed a minimum of six feet from the closest utility system. Prior to design, electrical duct banks and thermal lines will need to be located to pinpoint exact location.

NOTE: TAMU UEM must review and approve the location of final pier and foundation design to ensure utility lines can be excavated if necessary in the future without damaging the pavilion.

Electrical: The project will require the removal of one existing parking lot light and modification of the lighting circuit, which will require the installation of a new junction box in the area. If the project requires electrical service for lighting and duplex outlets under the covered areas, electricity can be provided from the Large Animal Hospital by using the existing circuit serving the wall sconces that are flush mounted to the north exterior wall of the Large Animal Hospital.

NOTE: UEM strongly recommends that lighting and electrical outlets be installed under the pavilion covered area, but has not included this cost in this estimate.

Domestic Water: Two domestic water hose bibs are currently installed on the north exterior wall of the large Animal Hospital and can be kept in place to allow for wash down of the pavilion area.

Sanitary Sewer: Due to the nature of the materials being washed into drains, it is required that new floor drains be routed to the sanitary sewer system. The point of connection will be an existing sanitary sewer manhole northeast of the site. The manhole rim to flow elevation shows slightly over 11 feet of drop, which is quite adequate for installation of floor drains in the pavilion foundation. The drain line installation will require the routing of approximately 250 LF of new six or eight inch HDPE piping with associated drains. Drains covers should be removable for ease of cleanout. Piping should be sloped as much as possible to allow for better drainage of solids.

Storm Sewer: The project will require the removal of roughly 250 LF of existing storm sewer and six associated drains. The storm drainage piping must be removed to allow for the installation of the new sanitary drainage system. Roof drains from the Large Animal Hospital will need to be connected into a new storm drain line and connected to the existing storm drain system. This will require the installation of roughly 150 LF of new eight inch HDPE piping with one or two cleanouts.
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<tr>
<th>Description</th>
<th>Cost</th>
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<td>Electrical (no lights or outlets)</td>
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<td>Sanitary Sewer (with floor drains)</td>
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<td>Storm Drainage (with roof drains)</td>
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<td>Project Management Fees @ 5%</td>
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<td><strong>Total Project Cost</strong></td>
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