MEMORANDUM

TO: Dr. R. Bowen Loftin

SUBJECT: CBE Recommendation: TEEX request to Construct a Warehouse at Riverside Campus

At its October 9, 2012 meeting, the Council for the Built Environment (CBE) discussed a request from the Texas Engineering Extension Service (TEEX) Agency Director, Dr. Gary Sera for support to construct a warehouse on the Riverside Campus. The warehouse is to be used for the storage of equipment in support of the Electrical Power Training Program. The building will be a 30' x 105' pre-engineered metal building, with a 30 x 30 canopy to provide covered parking for equipment and/or vehicles. The land on which the warehouse will be constructed is designated for use by TEEX.

Design Review Sub-Council (DRsc) – reviewed the schematic design and found the proposed warehouse to be in compliance with the Riverside District Plan and recommends approval to proceed forward with building construction.

Technical Review Sub-Council (TRsc) – recommends approval, provided the following items are addressed and funded:

Utilities & Energy Services: a new transformer will need to be included in the project; sizing will be determined by TAMU-UES, based on building-load calculations. A revenue quality electric meter will need to be included in the project per TAMU-UES standards. If communications are available in the building, the meter will also need to be connected to the TAMU-UES system for data collection.

Natural gas is available on the Riverside Campus and would be a much more efficient source to heat the structure.

The project does not specify a domestic water connection to the building. If a connection is desired, a TAMU-UES standard revenue water meter will be required.

Facilities Services: Facilities Services supports the project if the following concerns are addressed: (1) The building’s foundation needs to be designed by a professional engineer. (2) A professional engineer needs to calculate the project’s impact on storm drainage and ensure proper handling of it. The engineer needs to calculate both the before and after-construction storm drainage and incorporate means to detain the increase for at least 24 hours. These calculations and the planned means of detention need to be presented during the design process.

Telecommunications: The cost estimate for getting fiber to the proposed TEEX warehouse (materials and labor) should not exceed $7,000. (NOTE: Additional work beyond the portion
estimated will be required [running 48 sm fiber down 7th Street]; however, this is considered University infrastructure, so Telecommunications will bear that expense.)

Facilities Coordination: The TEEX warehouse project is consistent with the other uses at Riverside Campus. Facilities Coordination supports this project.

Environmental Health & Safety: Since the warehouse will only be used for storage, no normally occupied spaces, it does not require a sprinkler system. However, it will need a Siemens fire alarm system that reports to the Communications Center.

Facilities Utilization Sub-Council (FURsc) -- supports the request to construct an Electric Power warehouse on the Riverside campus.

CBE voted unanimously to recommend the President’s approval for the construction of a warehouse to store and support the Electrical Power Training program given the above-referenced Sub-Council considerations are addressed.

Karan L. Watson 10-10-12
Provost and Executive Vice President for Academic Affairs
Co-Chair, Council for the Built Environment

Rodney F. McClendon 10.17.12
Vice President for Administration
Co-Chair, Council for the Built Environment

R. Bowen Loftin 10/18/12
President

cc: Sub-Council Chairs, Council on the Built Environment
Dr. Gary F. Sera, Agency Director, TEEX