November 28, 2012

MEMORANDUM

TO: Dr. R. Bowen Loftin

SUBJECT: CBE Recommendation: Physical Education Activity Program Facility Additions

At its November 13, 2012 meeting, the Council for the Built Environment (CBE) discussed a request from Dean Douglas Palmer of the College of Education and Human Development for the addition of boot camp, archery and jogging track venues to the Physical Education Activity Program (PEAP) Facility. These areas were part of the original 2011 request for the PEAP Building but were suspended until funding was identified earlier this fall.

Design Review Sub-Council (DRsc) – recommends approval of the PEAP Facility Additions with the following observations and recommendations:

a. the design team should explore the possibility of softening the exterior materials to remain consistent with the nearby Penberthy Field Pavilion and PEAP facility. This will help to reinforce and establish a language for the athletic district along Penberthy Road.

b. the DRsc will have further opportunity for review at schematic design and design development stages, as well as review of a full-scale materials mockup, in accordance with the DRsc’s standard procedures.

Facilities Utilization Sub-Council (FURsc) – supports the request to construct the proposed facilities adjacent to the new PEAP facility which is currently under construction.

Technical Review Sub-Council (TRsc) – supports the request for the construction of the track and recommends approval, providing the following concerns and issues are addressed and funded:

a. CIS Networking: recommends consideration be given to the need for wireless network connectivity in the covered/shelter area of the boot camp/archery property storage building. Even if immediate requirement is not seen, we would still recommend that conduit be placed as part of the initial construction, in order to facilitate future installation of fiberoptic cable to the building to handle possible network needs for classes and competitions as well as Utilities and fire alarm connections.

b. Telecommunications: if budget permits, consideration is recommended for wireless, security cameras and emergency phones (UPD).

c. Environment Health and Safety: The fence that will be installed to separate personnel using the track from the archery lanes needs to be constructed of appropriate materials and in such a fashion that it will protect runners from stray arrows. If a fire alarm system and/or fire sprinkler system are required, those details will be provided during the design phase of the project.
d. Transportation Services: if budget permits, recommend bike racks be provided at the archery building.

e. Facilities Services: supports the project with major concern for storm drainage. During the design phase, it will be necessary that a Civil Engineer perform calculations to ensure there is no increase in the surface water discharge, which drains to a creek which has experienced erosion problems in high profile areas including the rose garden at the Bush Presidential Library. The project design team needs to ensure that retention features are incorporated that will prevent any increase in the rate of storm drainage from the site. The design team needs to make pre-construction and post-construction models to verify the planned detention features are adequate. Another related concern is condensate drainage from the air conditioner of the conditioned storage room. As there are no plans for sanitary drainage, this condensate will add to the storm drainage and needs to be incorporated in the post-construction model. However, if EHS finds it unacceptable to direct the air conditioning condensate to the storm drainage system, then it will be necessary to direct it to a sanitary drain.

f. Utilities and Energy Services: There appear to be no utility conflicts. Building/site lighting load needs to be established to determine if the current transformer feeding Mount Aggie is adequate. Domestic water is available for fire protection/water fountains both north and east of the site. Sanitary Sewer is not specified in the project but should be considered. Current UES specifications for metering and building controls need to be followed.

g. Capital Financial Planning: Additional funding has been confirmed with the Department of Health & Kinesiology, as has the contingency balance in the project.

CBE voted unanimously to recommend the President's approval provided the above-stated considerations and issues are addressed and funded.

Karan L. Watson 12-5-12
Provost and Executive Vice President
for Academic Affairs
Co-Chair, Council for the Built Environment

Rodney P. McClendon 11-30-12
Vice President for Administration
Co-Chair, Council for the Built Environment

R. Bowen Loftin 12-7-12
President

cc: Sub-Council Chairs, Council on the Built Environment
Dr. Douglas Palmer, Dean, College of Education and Human Development