

**CAMPUS DESIGN REVIEW**  
**November 19, 2003**  
**Primrose Hall Conference Room**

**ATTENDEES:**      Ann Goodnight              Thomas Conway              Michael Harwood  
                          Robert Koger                      Patrick Phillips              Lisa Johnson

Additional Distribution: Butch Wilson, Robert Burns, Edward Funkhouser, Timothy Luckadoo, Marvin Malecha, Charles Leffler, Neil Olson and Bob Fraser

Michael Harwood welcomed the Panel to the meeting at 1:35 p.m.

**1. Approval of Minutes**

The minutes were approved as written.

**2. New Projects:**

**D. H. Hill Library Renovation – Submittal #052**

Site Location: North Campus

Designer: Meyer Scherer Rockcastle

Design Representative: Jeff Scherer

- + D. H. Hill Library project renovation has one goal – increase student seating on the first floor to make it feel like new quality study space.
- + This project will gut and renovate the entire ground floor for staff functions, and the first floor for library functions including study space. The second and third floors will be mainly infrastructure upgrades.
- + Renovation plans will increase study seat count in the building by 175. Seating arrangements will be in groups of four along with individual seats facing the windows.
- + The first floor plans will include a staff workspace, a collections/gallery exhibit area, and a conservatory (reading room).
- + The conservatory is a small (21-ft in width) oculus-shaped addition located at the old east wing entrance. The existing area appears to be an entrance, landscaping plans will add a bench along with new plantings to change the appearance and tie it into the existing All Campus Path.
- + Exterior building renovations will replace the existing metal windows of four horizontal mullions on the upper windows and five horizontal mullions on the first floor with three horizontal mullions. The new three-window system will be visible at standing height, with one visible at seating height.
- + The material palette for the oculus addition consists of high performance glass, anodized aluminum frames and limestone (a stone base with stone columns). The

width of the addition will be the same width as the existing limestone building entrance.

- + Each of the conservatory columns will have light fixtures above the line of seating. Designer submitted four light color choices (opalescent, red, green and gold) for review.

Comments:

The Panel was concerned with the oculus addition using only a portion of the existing terrace space, and it seems too small in context of the entire library. The current design doesn't match expectations. Current plans lack details of the three horizontal mullion window replacement system.

Action:

*The Panel recommended review of revised plans with more study of the conservatory addition (either eliminated or enlarged), more detail on the window changes, and a material palette submitted for review.*

**Updated Projects:**

**Daniels Hall Renovation Phase I – Submittal #048**

Site Location: North Campus

Designer: Matt Messick

Design Representative: Walter Robbs Callahan & Pierce

- + The project plans have been revised to link the corridor addition (in the courtyard) to the east and west wings of the building, and to adjust the window fenestrations so the sill height is about 3-feet.
- + Coordinating the west side landscaping with the adjacent building projects and the accessible path at this site. Phase I of this project will begin to establish a path on the north side of the building towards the Court of North Carolina.
- + Bulb-outs will be added on the west side of the site to provide a better pedestrian crossing at the current drive.
- + Several pieces of the mechanical equipment in the courtyard will be screened with landscaping.
- + Adding a 10-ft wide egress paving on the east side of the courtyard to meet DOI building code requirements.

Comments:

The Panel was concern with the scope of both the walkway on the north side, and the accessible pedestrian path on the west side of the building.

Action:

*Panel recommended approval of this project, pending review of plans that improve the accessible path on the west side (eliminating existing steps), and reduces the scope of walkway improvements on the north side of the building.*

**Paul Derr Track and Field Improvements – Submittal #051**

Site Location: Central Campus

Designer: Integrated Design

Design Representative: Tony Morris

- + Project plans have been revised to align the entrance with the pedestrian walkway between Reynolds Coliseum and Case Athletic Center. The number of needles, or flagpoles, has been reduced from 90 to 18.
- + The plaza and concourse area material joints are 10-ft diamond repeatable module, with NCSU emblem inlaid in the pattern at the entrance.
- + The building elements consist of a muted grey rolled roof, a two-foot concrete base, clear iodized window frames, a hardy plank to separate the brick building from the ceiling with sandblasted sports figures on the outer walls.
- + Design team is requesting a 20-ft gravel buffer for the emergency vehicle access drive at this site.
- + Reducing the length of the fencing around the concourse by adding brick elements to each of the sides.
- + Continuing to work with the Rocky Branch project team to resolve the area where a corner of the straightaway track is in the Neuse River Buffer. May have to either request a site variance or do more work on the south bank of the creek.

Comments:

The Panel was concerned with the fence design beyond the site entrance. Requested the design team look at existing buildings in this area to determine a matching material palette for this project. Concerned about intrusions into required stream buffers at Rocky Branch Creek.

Action:

*The Panel recommended approval of this project pending review of plans that simplify the fencing beyond the site entrance, review of a building material palette by the Office of the University Architect, and favorable resolution of the Rocky Branch Creek conflicts (eliminating disturbances to the steam buffers).*

**3. Status of Projects in Planning:**

The next distribution of the projects in planning report will be updated with several new projects for review.

**4. Next Meeting:**

The next meeting is scheduled for Wednesday, January 28, 2004 at 1:30 pm.

The meeting adjourned at 3:45 p.m.

**CAMPUS DESIGN REVIEW**  
**October 29, 2003**  
**Primrose Hall Conference Room**

<b>ATTENDEES:</b>	Ann Goodnight	Charles Leffler	Michael Harwood
	Edward Funkhouser	Marvin Malecha	Lisa Johnson
	Timothy Luckadoo	Robert Koger	
	Robert Burns	Patrick Phillips	

Additional Distribution: Butch Wilson, Neil Olson and Thomas Conway

Michael Harwood welcomed the Panel to the meeting at 1:35 p.m. Mr. Harwood requested everyone introduce themselves to the new Panel members, Robert Koger and Patrick Phillips.

**1. Approval of Minutes**

The minutes were approved as written.

**2. New Projects:**

**Rocky Branch Restoration & Greenway Phase II – Submittal #051**

Site Location: Central Campus

Designer: Earth Tech

Design Representative: Bill Jenkins

- + Phase II of the Rocky Branch Restoration & Greenway site location is Morrill Drive up to Pullen Road. This section of the stream will be similar to the design of Phase I. This project is a stable urban stream using natural materials.
- + The west end of the stream is working within very tight constraints so it will be cutting into a flood plain.
- + The east end of this section of the stream is less constrained, so will be able to meander the stream. It includes flood plain pools one to two feet deep.
- + The south side is a high, vegetated slope. Vegetation is the number one key factor in stabilizing the stream.
- + The stream will be about 30-feet wide. The greenway will be located on the south side of the creek – the number of trees that will need to be taken down will be limited.
- + Greenway will split close to Pullen Road. One leg will go under Pullen Road the other will tie into the path at Western Blvd. The greenway path will meet ADA requirements.
- + Plans will replace the current culverts under Pullen Road with one 48-foot wide by 58-foot long culvert. A handout of the stream crossing options for consideration was distributed for review.
- + Of the six options presented, options one and five are preferred. Option one is a precast concrete arch and option five is a precast concrete bridge unit.
- + The culvert would be constructed during the summer months. Construction would require closing Pullen Road for four to six weeks.

- + Design team has some constraints with the Derr Track project at this site. Working out a compromise of the land with the designer for the Athletics design team.
- + Construction is slated to begin next summer.

Comments:

The Panel was concerned with the grade at this site, the time frame to construct the culvert and location of the retaining wall to accommodate the Derr Track and Field Stadium.

Action:

*The Panel recommended review of revised retaining walls and landscape plans. The project team must continue to coordinate with the Derr Track project.*

**Paul Derr Track Stadium & Field Improvements – Submittal #050**

Site Location: Central Campus

Designer: Integrated Design

Design Representative: Tony Morris

- + This project will combine venues for men’s/women’s soccer, men’s/women’s track and women’s softball at this site.
- + The track will be slightly wider than the current field and will include a NCAA soccer field inside the track.
- + Plans include a new concourse parallel to vehicle parking along Cates Avenue. The new entrance to the athletic fields will be across from the Case Athletic Building.
- + Track and field events will be dispersed around the soccer field. This field will self-drain without a crown.
- + The softball field will be on the west side of the site.
- + There will be fencing around the track and around the softball field to protect the pedestrian path. Paths will be gravel for service vehicle access.
- + The plaza area will consist of team restroom facilities, meeting rooms and treatment facilities located under the entry concourse.
- + The buildings along the concourse will be brick with a 2-foot concrete base.
- + The concourse will have a series of about 90 flag posts or “needles.”
- + The current concrete seating will be removed. It will be replaced with slightly over 2,000 welded aluminum or concrete seats.

Comments:

The Panel was concerned with resolution of conflicts between the stream and stream buffers. The details and materials planned for the buildings and concourse were discussed. The crosswalk doesn’t align with the new facility entrance. The quantity of flagpoles and extent of fencing was questioned.

Action:

*The Panel recommended coordination with the Rocky Branch project to resolve the stream and buffers conflicts; requested further information on details of the buildings and concourse materials; and to align the crosswalk with the new facility entrance.*

**Schaub Food Science – Submittal #049**

Site Location: Central Campus

Designer: United Engineering Inc. & Pearce Brinkley Cease + Lee

Design Representative: Donna Francis

- + The renovation of the Schaub Food Science is a comprehensive mechanical, plumbing and electrical upgrade to comply with building codes. The code compliance work will have some minor impact on the exterior of the building.
- + A new generator with a brick screen wall will be added on the north side of the building. An upgraded pedestrian area will be implemented.
- + The lobby will be extended out to the edge of the existing roof overhang on the south side of the building. This will replace the space lost in the lobby due to code upgrades.
- + The existing research labs, new teaching labs and administrative office space will be upgraded.

Comments:

The Panel was concerned with visibility of the rear building elevation loading area. The accessible entrance/exit is located in the rear of the building.

Action:

*The Panel recommended approval of this project.*

**Updated Projects:**

**West Research Annex – Submittal #039**

Site Location: West Campus

Designer: Phil Szostak

Design Representative: Phillip Szostak Associates

- + The plan has been revised and reduces the building size from the 20,000gsf to 10,500gsf to meet budget constraints.
- + This is an open, flexible metal building with a horizontal metal panel top and an 8-ft window wall. Plans were revised to remove the brick base to reduce cost.
- + Several of the existing research trailers will be relocated at this site. The intent is to use the space around this building to make this site apart of the campus community.

Comments:

The Panel was concern with removing all of the brick building material.

Action:

*Panel recommended approval of this project.*

**Cates Chiller Plant – Submittal #046**

Site Location: Central Campus

Designer: BBH Design

Design Representative: Douglas Hall

- + The Cates Chiller Plant is located between the Student Health Center and Carmichael Gymnasium.
- + The ground level contains the pumps and the upper level the chillers and machinery.
- + Plans were revised to fence in the south side yard for employee access only.
- + The main entrance is on the north side of the building.
- + Building material palette is a combination of brick and silver metal panels, a 16-ft brick base with metal above.

Comments:

The Panel was concerned with an entrance door on the north side of the building.

Action:

*The Panel recommended approval of this project.*

**3. Status of Projects in Planning:**

The next wave of projects for Panel review will be building renovations.

**4. Next Meeting:**

The next meeting is scheduled for Wednesday, November 19, 2003 at 1:30 pm.

The meeting adjourned at 3:45 p.m.



**CAMPUS DESIGN REVIEW**  
**September 24, 2003**  
**Primrose Hall Conference Room**

<b>ATTENDEES:</b>	Ann Goodnight	Charles Leffler	Lisa Johnson
	Edward Funkhouser	Arthur Rice	Ron Grote
	Timothy Luckadoo	Michael Harwood	
	Robert Burns	Robert Fraser	

Additional Distribution: Butch Wilson, Neil Olson and Thomas Conway

Michael Harwood welcomed the Panel to the meeting at 1:35 p.m.

**1. Approval of Minutes**

The minutes were approved as written.

**Updated Projects:**

**Riddick Laboratory Renovation – Submittal #041**

Site Location: North Campus

Designer: BJLAS

Design Representative: Jennifer Amster

- + The Riddick Laboratory project is a complete renovation that will rework the floor plans of the existing building.
- + This site will create a front door for the university when the TTA station is completed.
- + The first two levels of the building are home for the new Physics Department and will include labs and office space.
- + The third floor is the main teaching floor.
- + The fourth floor is the Physics Department office space and Animal Science Department teaching labs.
- + The reading room space on the main entry level has been refined to add fluted columns in between the ceiling-to-floor windows – in keeping with the exterior building architecture.
- + There are three accessible building entrances: Stinson Avenue, Yarborough Street, and the main entrance, which is accessible by using a lift.
- + The exterior material palette will include a half-flemmish bond brick pattern to match the existing building. Plans include cleaning the existing building limestone to match the new cast stone material.

Comments:

The Panel was concerned with the lack of operable building windows, security and maintenance plans for the reading room space during off hours, and the fluted design on the south elevation at the hearth.

Action:

*The Panel recommended approval, contingent upon review plans that add operable windows; replaces the relief art panel over the entry with windows; change the interior flutes on the south elevation to match the existing exterior building flutes.*

**Sullivan Operation Center Phase II – Submittal #043**

Site Location: Central Campus

Designer: Roughton, Nickelson and DeLuca

Design Representative: Charles Nickelson

- + This phase of the Sullivan Operations Center will add three new buildings and include interior renovations to the existing motor pool building.
- + The south elevation material palette of Building I is metal sliding to match Phase I building material. The west elevation material palette is concrete block with a canopy over the loading dock.
- + Building II is a metal façade addition to the motor pool garage shop. The west elevation addition is a 10-ft wall with opened air ventilation for the warehouse.
- + The south elevations of Building I and II have a brick base similar to the existing motor pool building. The brick base wraps around the southeast corner of Building I. Metal wall panels are above the brick base.
- + Designer is reviewing options to move Building III closer to the retaining pond to avoid the steep site grading in this area.

Comments:

The Panel questioned the purpose of brick on the south elevation central bay of Building I. Requested the designer consider block on the north elevation of Building II to blend with the existing building material palette of block, brick and metal.

Action:

*The Panel recommends approval, contingent upon the above noted changes being incorporated into the plans and requests that exterior material samples be submitted.*

**New Projects:**

**Daniels Hall Renovation – Submittal #048**

Site Location: North Campus

Designer: Walter Robbs Callahan & Pierce

Design Representative: Matt Messick

- + Daniels Hall Renovation is a two-phase project. Phase I is the second floor renovation for the Leazar Hall EOS labs. Phase II will be a complete renovation of the first floor for Industrial Engineering.

- + The west elevation existing entrance will be renovated to be accessible and will involve reworking the site grades.
- + The All Campus Path will connect to this site on the south side of Daniels Hall. The Riddick Laboratory Renovation project design team will develop the plans.
- + The north elevation will add a brick pedestrian walkway through the parking lot to connect with the Court of North Carolina.
- + The service courtyard is currently filled with equipment and is not pedestrian friendly. Improvements include a new one-story corridor to connect the east and the west building wings.
- + A dust collection mechanical system will remain in the courtyard, as it requires routine access and maintenance.
- + Plans will not replace the existing building windows; will patch windows where the AC units are removed.

Comments:

The Panel requested the designer consider raising the sill height on the windows for the new corridor. Also, consider deleting the windows where the dust collection equipment is located. Simplify the landscape design between Daniels and the 1911 Building.

Action:

*The Panel recommended review of revised site plans. Requested the design team coordinate this project's site plans with those for the adjacent building projects.*

**2. Status of Projects in Planning:**

Mr. Harwood stated the Board of Trustees approved the College of Engineering and the Friday Institute projects at the September 18<sup>th</sup> meeting. Projects that are queuing up for Panel review are: West Research Annex, Cates Plant, Paul Derr Track and Softball Stadium, Schaub Food Science site and building renovations. Also, anticipate review of Jordan Hall Renovation when the budget issues are resolved.

**3. Next Meeting:**

The Panel agreed to schedule the November meeting on Wednesday, November 19, 2003 as the 26<sup>th</sup> is the day before Thanksgiving.

The meeting adjourned at 3:50 p.m.

**CAMPUS DESIGN REVIEW**  
**August 27, 2003**  
**Primrose Hall Conference Room**

<b>ATTENDEES:</b>	Ann Goodnight	Butch Wilson	Michael Harwood
	Edward Funkhouser	Robert Burns	Robert Fraser
	Timothy Luckadoo	Charles Leffler	Lisa Johnson

Additional Distribution: Neil Olson, Arthur Rice, and Thomas Conway

Michael Harwood welcomed the Panel to the meeting at 1:30 p.m.

**1. Approval of Minutes**

The minutes were approved as written.

**Updated Projects:**

**Friday Institute – Submittal #038**

Site Location: Centennial Campus

Designer: Boney Architects

Design Representative: Katherine Peele

- + The site plan is revised to include a brick paving that ties The Friday Institute and the Middle School entrances together.
- + The courtyard will be shared with the middle school and the landscaping will be more developed adjacent to the Friday Institute.
- + The curved wall is revised to start at the existing Middle School entrance, extend across the front of the Friday Institute and end at the stair tower.
- + The exterior material palette consists of a course gray brick base, white brick bands, a red wire cut field brick, white metal panels and granite accent panels around the main entrance. All materials will match the existing middle school except the granite, which is a new material.
- + The building signage, The Friday Institute, will be on the building similar to the middle school signage. The signage will be at the same height on the building as the middle school sign and the same font will be used. The complete building name, The William and Ida Friday Institute for Innovational Education, will appear on the site signage.

Comments:

The Panel requested that the treatment of the windows in the metal wall at the stairwell be revised to be punched openings with the windows set back on the brick wall beyond similar to condition at the entry.

Action:

*The Panel recommended approval, contingent upon the plans being revised to incorporate the suggested window change and the submission of exterior material samples.*

**College of Engineering Phase II – Submittal #037**

Site Location: Centennial Campus

Designer: Perkins & Will

Design Representative: Jim Merrimen

- + The Phase II building is located at the northern end of the Oval on Centennial Campus; and will house the departments of Computer Science Engineering and Electrical and Computer Engineering.
- + The first floor is mainly classroom space and space for foodservice has been added adjacent to the breezeway and also opening onto the Oval. The second floor houses laboratories and faculty offices.
- + North elevation has a limestone base with a combination of glass and metal panels where the classroom and labs are located. The amount of brick banding has been reduced and more brick has been added on either side of the breezeway to provide a layered appearance similar to the south elevation.
- + South elevation has a limestone base – in keeping with the language of Phase I of this project, composite metal panels and punched windows. Revised plans include more brick adjacent to the breezeway. The size of the balcony has been reduced to allow more light into the breezeway.
- + The material palette will be the same as materials on COE Phase I, with less horizontal brick banding on the north elevation.

Comments:

The Panel requested that the exterior balconies at the east and west ends of the building be eliminated and that rain protection be provided at those entrances. The panel also requested the designer to refine the appearance of the lights, benches and ceiling treatment in the breezeway. (A smoother ceiling with more substantial light fixtures are preferred.)

Action:

*The Panel recommends approval, contingent upon the above noted changes being incorporated into the plans and requests that exterior material samples be submitted.*

**New Projects:**

**University Graphics Building Renovation – Submittal #047**

Site Location: Central Campus

Designer: Cherry Huffman

Design Representative: Louis Cherry

- + Renovation of the existing Graphics Building will provide space for the University Graphics, Transportation and Purchasing departments. Exterior building renovations include the addition of more windows, and a new covered

entrance for Transportation. The new canopy entrance extends beyond the face of the building and provides weather protection during peak customer times when waiting lines will extend outside.

- + The University Graphics and Purchasing departments will share the existing building entrance. The loading dock will be upgraded as a required building exit and will meet accessibility code requirements.
- + Upgrading the loading dock to meet accessibility code requirements by adding a third exit.
- + Site improvements include a new pedestrian walkway that will connect the Transportation entry to the existing Administrative Services building entry.
- + Seven vehicle parking spaces will be added as part of this project.
- + Material palette includes reuse of the brick removed from the existing building to tooth in around the new openings.

Comments:

The Panel indicated that signage and wayfinding to the Transportation department will be very important since that tenant will have high customer traffic.

Action:

*The Panel recommended approval, pending review of the material palette for this project.*

**Carter-Finley Stadium Football Media Center – Submittal #020A**

Site Location: West Campus

Designer: Corley Redfoot Zack

Design Representative: Glen Corley

- + This project will demolish the existing press box and toilet facilities on the west side of the stadium and will replace them with a new facility that improves exiting and toilet facilities that meet building code requirements. The new facility will include stairs, elevators, ticket offices, concessions, and new seating.
- + The ground floor includes ticket offices, the main kitchen, a concessions concourse and bathrooms.
- + The 1<sup>st</sup> floor is an 865 club seating space and toilet facilities.
- + The 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> floors are enclosed seating spaces. The 2<sup>nd</sup> floor includes private suites; the 3<sup>rd</sup> floor includes individual suites, the university box and a 112-seat press box; the 4<sup>th</sup> floor includes the coaches’ boxes, TV commentator, filming decks, and scoreboard.
- + Material palette consists of red brick with horizontal banning at the concourse level; glass and gray metal panels at the upper levels with red and white metal panel banding. Material will be similar to the adjacent Murphy Center.

Comments:

The Panel was concerned with the material palette being a good match to the Murphy Center.

Action:

*The Panel recommended approval, pending review of the material palette by the University Architect's office.*

**2. Status of Projects in Planning:**

Mr. Harwood informed the Panel to anticipate a full schedule of project for review in the fall of this year.

**3. Next Meeting:**

The next meeting will be held on Wednesday, September 24, 2003, 1:30 to 4:30 PM in the Primrose Hall conference room.

The meeting adjourned at 3:55 pm.

**CAMPUS DESIGN REVIEW**  
**July 30, 2003**  
**Primrose Hall Conference Room**

**ATTENDEES:** Butch Wilson                      Charles Leffler  
                          Edward Funkhouser                      Timothy Luckadoo  
                          Thomas Conway                              Michael Harwood

Additional Distribution: Neil Olson, Ann Goodnight, Robert Burns, Arthur Rice, Lisa Johnson and Robert Fraser

Michael Harwood welcomed the Panel to the meeting at 1:35 p.m.

**1. Approval of Minutes**

Timothy Luckadoo noted the grammatical error in the first sentence, fourth bullet of the Jordan Hall project comments. With no further corrections/comments, the minutes were approved.

**New Projects:**

**Cates Plant – Submittal #046**

Site Location: Central Campus

Designer: BBH, PLLC

Design Representative: Doug Hall

- + This project expands the existing Cates Plant adjacent to the Student Health Center located on Cates Avenue at Dan Allen Drive and Morrill Drive.
- + The Cates Plant is the second plant of the Chiller Plant Master Plan, and will provide chilled water for USTL, Jordan Hall and Carmichael Gymnasium bond projects.
- + The chiller plant addition is approximately 75-feet wide by 250-feet long, and 50 feet tall.
- + Five cooling towers are located south of the plant and are designed to minimize sound transmission to the adjacent tennis courts. An electrical yard is located north of the plant, surrounded by a screen wall. The east elevation has a loading dock with service vehicle access.
- + Vehicle parking at this site will be disrupted concurrent with the project phases. This phase will provide 62 parking spaces while displacing 63 of the existing spaces.
- + A door and ship ladder provides roof access between the existing steam plant and the expansion, reusing one of the existing plant stairs for egress.



- + Building material palette consists of brick, metal, glass and louvers to help with the heat blow-off.
- + The first floor space is the pumping and mechanical elements. The second floor space is the chiller bay. It has a crane that moves throughout the building with storage and access space against one wall.

Comments:

The Panel was concerned with the amount of visible equipment; the building material matching the existing material on Cates Plant and Carmichael Gym; the expansion elevations as compared to Carmichael Gym and the Student Health Center; roof access between the existing plant and the expansion; and screening around the tanks to block visibility from the resident halls.

Action:

*The Panel recommended review of revised plans that include a building base, middle and top; include additional screening around the tanks and landscape plans at this site.*

**2. Status of Projects in Planning:**

Mr. Harwood informed the Panel of the projects for review in August 2003: College of Engineering Phase II, The Friday Institute, and possibly the West Research Annex, Riddick Laboratory and Jordan Hall.

In the coming months of August, September and October of this year is the next wave of renovation projects. These projects will be submitted for review only if exterior building changes are included.

The Case Athletic project design has been revised to move the elevator to in the inside of the building.

The Board of Trustees reviewed the Catalano Pavilion project at their July 14<sup>th</sup> meeting. The project concept was favorably received. Some of the issues raised included the site grades, maintenance and upkeep. The Trustees did not approve this project, but recommended the further development of the design concept.

**3. Next Meeting:**

The next meeting will be held on Wednesday, August 27, 2003, 1:30 to 4:30 PM in the Primrose Hall conference room.

The meeting adjourned at 2:30 pm.

**CAMPUS DESIGN REVIEW**  
**May 28, 2003**  
**Primrose Hall Conference Room**

<b>ATTENDEES:</b>	Robert Burns	Charles Leffler	Michael Harwood
	Ann Goodnight	Michael McDonnell	Lisa Johnson
	Edward Funkhouser	Arthur Rice	Robert Fraser

Additional Distribution: Butch Wilson, Garrett Bugg, Thomas Conway, Timothy Luckadoo and Neil Olson

Michael Harwood welcomed the Panel to the meeting at 1:40 p.m.

**1. Approval of Minutes**

The minutes of the March 28, 2003 meeting were approved as written.

**2. Catalano Pavilion**

Robert Burns, the design representative for the Catalano Pavilion project is seeking Panel reaction to the Eduardo Catalano proposal to replicate the design of Catalano House as a gift to the university. Mr. Catalano, an architect and a former faculty member is a legacy of the well known, uniquely constructed Catalano House. He is proposing to finance the cost to replicate the design of the house into a pavilion. The site location is the eastern end of the Court of North Carolina, set on access with the 1911 Building.

This site places the pavilion within easy access to the planned expansion for the College of Design in Leazar Hall and will serve as a hearth for university. The structure will be similar to the house, with a 40' x 80' floor plane. The pavilion will be a modified design that has open interior space and integrates into the landscape of the Court of North Carolina. Mr. Catalano proposes to construct the pavilion with more durable building materials, such as a cooper roof.

The Catalano Pavilion facility will be used for informal university events/receptions and will be a place for faculty, students and staff to teach and/or interact. All of the project design details have not been worked out. Bob Burns stated the project design plans would be submitted for Panel review if the university approves the proposal.

There are several issues that should be addressed as the pavilion design progresses; low maintenance materials/design, further development of the roof design (where low points of the roof meet the ground) to prevent easy access to the roof, and the blending of the structure with the landscape since the site is one of the few large green spaces on campus.

The Panel approved moving forward with the Catalano Pavilion proposal.

**New Projects:****Jordan Hall Addition – Submittal #045**

Site Location:

Designer: BBH, PLLC

Design Representative: Doug Hall

- + Jordan Hall is a building addition for the College of Natural Resources and the College of Physical & Mathematical Sciences. The Jordan addition is a 54,000 GSF laboratory building that will be located on the corner of Faucett Drive and Morrill Drive.
- + This site is extremely tight and is bordered by the existing Jordan Hall, Faucett Drive, Morrill Drive and Miller Fields.
- + 50 vehicle parking spaces will be located underneath the addition as well as parallel spaces added along Facette Drive.
- + Pedestrian circulation to the south facing front door will be provided via the sidewalk along Morrill Drive. A bus stop will be located close to the south entry on Faucett Drive.
- + Exterior building design will include brick bookends (east and west ends of the building) similar to the existing building. The one-story portion of the addition on the south side of the building will house the new auditorium. The bay window on the east elevation is framed in metal.
- + The building includes four 55-seat classrooms and one 100-seat classroom on the ground floor. Plans on the ground floor may change slightly to create more student study space.
- + Upper floors typically have offices on the south side and laboratories on the north side of the building.
- + Exterior materials will match the existing building materials except that the glazing on the south side will be clear since it is protected with sunscreens. The metal panels will be a similar color to the existing glazing. Exterior materials for the one story portion of the building are still being evaluated.

Comments:

The Panel was concerned with the east elevation bay window design (suggested a three-sided glass window) and the north elevation metal panels. Expressed the importance of maintaining continuity of the landscaping and paving materials throughout this site and maximizing green space and canopy trees. The new exterior building materials need to blend with the existing building.

Action:

*The Panel recommended review of revised plans that reduce the impact of the one story portion of the building on the open green space; maintains the continuity of the site plants; further develops the east elevation; refines the north elevation metal panel system to more closely resemble the existing building; and includes exterior material samples (should blend with the existing building).*

### 3. Updated Projects

#### **Athletic Department Improvements – Submittal #043**

Site Location: Central Campus Precinct

Designer: Davis Kane Architects

Design Representative: Kevin Kane

- + The Weisiger-Brown building addition plans included two alternative schemes – a flat and a sloped design, revised per the Panel’s recommendation.
- + Design includes windows that will match the existing building windows in size and rhythm.
- + The ground faced CMU has been removed, also per the Panel’s recommendation.
- + Case Athletics revised plans shifts the elevator shaft away from the building to avoid a major fiber optics duck bank at this site.

Comments:

The Panel was concerned with the Weisiger-Brown addition south elevation window alignment with the existing building. The panel was also concerned with how the one story elevator equipment room integrates with the existing Case Athletics building.

Action:

*Panel recommended approval of the Weisiger-Brown and Reynolds Coliseum buildings contingent upon; utilization of a slopped roof and re-alignment of the north windows on Weisiger-Brown; and submittal of exterior material samples.*

#### **Linear Accelerator Addition – Submittal # 042**

Site Location: Biomedical Campus

Designer: BJAC, PA

Designer Representative: John Brown

- + The plans have been revised to lower the roof of the building addition to align with the existing facility, per Panel recommendation.
- + Landscape plans have also been revised per Panel comment to incorporate a planting strip between the sidewalk and addition. Plant materials will include Holly, Burning Bush, Ink Berry Bush (front planter), etc. Plant selections will provide ground cover, act as a screen and will not encroach on the sidewalk.
- + The material palette will consist of red brick – currently considering smooth flash and non-smooth wire cut.
- + A metal roof profile to match the existing building roof. However, the new metal roof will fade at a much slower rate than the existing roof material.
- + Window frames will be black to match the existing windows and the new metal gate to the equipment yard will also be black.

Comments:

The Panel asked the designer to verify that the new plants will not be harmful to animals. The panel requested review of a brick sample panel at the site.

Action:

*The Panel recommended approval of this project.*

**4. Status of Projects in Planning:**

Mr. Harwood updated the Panel on the status of two projects reviewed in March 2003. The Sullivan Phase II and College of Engineering Phase II are awaiting funding approval before submitting revised plans for Panel review.

**5. Next Meeting:**

The next meeting will be held on Wednesday, July 30, 2003, 1:30 to 4:30 PM in the Primrose Hall conference room. The Panel will not meet in June 2003.

The meeting adjourned at 4:05 pm.

**CAMPUS DESIGN REVIEW**  
**April 30, 2003**  
**Primrose Hall Conference Room**

<b>ATTENDEES:</b>	Robert Burns	Edward Funkhouser	Arthur Rice
	Garrett Bugg	Charles Leffler	Michael Harwood
	Thomas Conway	Timothy Luckadoo	Lisa Johnson
	Ann Goodnight	Neil Olson	

Additional Distribution: Butch Wilson, Michael McDonnell, and Robert Fraser

Michael Harwood welcomed the Panel to the meeting at 1:35 p.m.

**1. Approval of Minutes**

The minutes of the March 26, 2003 misspelled “Greenhouse” otherwise the minutes were approved as written.

**2. New Projects**

**Linear Accelerator Addition - Submittal #042**

Site Location: Biomedical Campus

Designer: BJAC, PA

Design Representative: John Brown

- + The Linear Accelerator is a 2,034sf addition to the existing larger facility at this site. This addition includes a 1,000sf concrete vault, in which some of the areas will require very thick walls.
- + The building entry is designed to connect to the large animal facility, and includes an alternate entry for future development. The plans will replicate the existing building design.
- + Landscape plans include reducing the existing sidewalk in front of the building from 10ft to 4ft for planting, and to make it consist with the existing building.
- + The material palette will match the materials used for the roof, brick and windows of the existing building.
- + Mechanical equipment yard for this facility is screened with a brick wall, and is sized to include potential IAMS equipment.

Comments:

The Panel was concerned with the lack of building design details for the side visible from William Moore Drive, and landscaping this site for anticipated Master Plan built out. Also, whether or not the existing building design details are still working.

Action:

*The Panel recommended review of revised plans that include more building design details on the side facing William Moore Drive; investigate the existing building details that are not working and suggestions for improvements.*

**Sullivan Drive Shops Replacement Phase II– Submittal #043**

Site Location: Central Campus Precinct

Designer: Lucien Roughton Architects

Design Representative: Charles Nickelson

- + Phase II of the Sullivan Drive Shops project will complete the relocation of Facilities Operations from Main Campus to Sullivan Drive.
- + The site master plan for this project was developed as part of Phase I.
- + This phase of the project consists of three buildings – two stand alone buildings and one addition to the existing motor pool station.
- + Building One is a 17,000sf stand-alone building. It includes a warehouse – with a 17ft eave, and office space for mail services, procurement, housekeeping and the electronics shop.
- + Building Two is a 6,000sf wash bay addition to the existing motor pool building. The addition will include two wash bays and storage space.
- + Building Three is a simple metal building similar to the existing storage buildings at the site, except this building will have windows.
- + The exterior material palette will match the exterior of the existing buildings. It will include brick and CMU façade in the center section of the building with metal on each side.
- + The Sullivan Drive elevation of building One will match the gabled end of the Phase I building, except it will have a little less brick.

Comments:

The Panel was concerned with the color palette for the roof material. The tree planting for the southern side of the site appears too close to the building.

Action:

*Panel recommended review of revised plans to include landscape with larger sized trees located away from the southern side of the building and closer to the pond; and review of the exterior material palette.*

**Athletic Department Improvements – Submittal # 044**

Site Location:

Designer: Davis Kane Architects

Designer Representative: Kevin Kane

- + The Athletic Department Improvements project is eight phases of construction and relocations – the last phase is scheduled for completion in 2005.
- + This project will include construction and/or additions to three existing facilities, Weisiger-Brown, Case Athletics Center and Reynolds Coliseum. Building space is made available as the football team relocates to Carter-Finley Stadium.
- + The Weisiger-Brown building will be renovated and will also include an addition. This facility will house men’s basketball, wrestling and soccer sports teams. It will include women’s track and soccer sports teams and the athletic director’s offices.
- + The addition will have a covered connector to the main building, and a new entry for the men’s basketball team. Design plans will use the existing building elements to tie in the addition. The exterior material palette will match the existing building material.
- + Reynolds Coliseum renovation will lower the basement level for locker room space and install a flexible wood floor with movable bleachers. This facility will house women’s basketball, gymnastic, softball, volleyball and golf sports teams. Design plans also include improved interior lighting and to remove and replace the asbestos building material.
- + Case Athletics Center renovation will install an elevator for access between the two existing floors. This facility will house academic support for student athletics.

Comments:

The Panel was concerned with the coordination and timing of the scheduled moves of the academic support staff. Design plans should include a building base to the Weisiger-Brown addition. Also, design improvements of a flat roof versus a sloped roof on the existing building, and expanding the canopy across the existing building to the addition.

Action:

*The Panel recommended review of plans that investigates alternative roof forms, a canopy design that will expand across the building addition; and the impact of adding an elevator to the Case Athletic Center.*

**3. Updated Projects**

**Partners II Greenhouse – Submittal # 041**

Site Location: Centennial Campus

Designer: Bartholomew Associates Inc.

Designer Representative: Mark Dickey

- + The Partners II Greenhouse site plans have been revised per the Panel’s recommendation to relocate the building further north to align with the existing cooling tower.



- + The site plans have also been revised to delete the access road. The sidewalk is longer at this location, but the slope decreases so it meets code requirement and will not require a handrail.
- + The material palette will include brick to match the field glazing brick on the Partners II building with an accent on the headhouse. The designer will bid the cost of glass versus plastic building material for the greenhouse. Regardless of the glazing choice, both will have a similar appearance of clear anodized aluminum, which will match Partners II building material.

Action:

*The Panel recommended approval of this project.*

**4. Status of Projects in Planning:**

Mr. Harwood listed for the Panel the upcoming projects for review. The list included Jordan Hall Renovation, Carmichael Gynamisum Addition and Daniels Hall. The Panel will only review the projects with exterior renovations.

Mr. Leffler requested including the Carter-Finley Media Center project to the status of projects in planning for Panel review.

**5. Next Meeting:**

The next meeting will be held on Wednesday, May 28, 2003, 1:30 to 4:30 PM in the Primrose Hall conference room. The Panel will not meet in June 2003, but will be back on schedule in July of 2003.

The meeting adjourned at 3:20 pm.

**CAMPUS DESIGN REVIEW**  
**March 26, 2002**  
**Primrose Hall Conference Room**

<b>ATTENDEES:</b>	Robert Burns	Ed Funkhouser	Butch Wilson
	Garrett Bugg	Charles Leffler	Michael Harwood
	Ann Goodnight	Michael McDonnell	Lisa Johnson

Additional Distribution: Tim Luckadoo, Neil Olson and Bob Fraser

Michael Harwood welcomed the Panel to the meeting at 1:35 p.m.

**1. Approval of Minutes**

The minutes of the October 30, 2002 meeting were approved as written.

**2. New Projects**

**The Friday Institute– Submittal #038**

Site Location: Centennial Campus

Designer: Boney Architects

Design Representative: Katherine Peele

- + The Friday Institute is a unique project, it will be the only university education research facility physically linked to a public middle school in the country. The institute will serve as a partner with the Middle School.
- + The building will be about 32,000 GSF located adjacent to the 130,000 GSF existing middle school on a 17-acre site in the southwest corner of Centennial Campus. The current 120-vehicle parking spaces will be expanded to include 72 additional spaces to accommodate the new building occupants.
- + Design team is considering a rain garden or bio-retention pond to manage storm water run-off.
- + The main entrance to the new facility will be directly adjacent to the middle school entrance but distinguished from the middle school entrance with a two story glass window wall and identification signage on the curved band above the entry. The signage above the entry will be “Friday Institute” with the full name/dedication on a plaque somewhere adjacent to the main entrance.
- + The exterior material palette will blend with the existing middle school and will consists of mainly brick, with a two-story window wall at the entry, clear- story windows over the 2<sup>nd</sup> floor project room space, and a metal wall system over a brick base on the courtyard side of the building.
- + The lobby is a two-story space that contains gallery and exhibition space. Adjacent to the lobby are the administrative offices as well as a 200-seat innovation hall/conference center. Innovation hall can be subdivided into smaller

meeting/workshop spaces, accommodates distance education and will be shared with the middle school. The entrance gallery will be very visible/open to the middle school students.

- + Most of the second floor is project room space, which will be research and collaborative space for the College of Education. The main public space on the second floor is Discovery Studio that will be equipped for distance learning.

Comments:

The Panel was concerned with how the building design relates to but distinguishes itself from the CC Middle School building-should blend with the middle school but have it's own character. The panel needs more detail on how the clearstory system functions – how it will take advantage of day lighting. More information is needed on the storm water management design.

Action:

*Panel recommended review of revised plans that fine tune exterior design – identity versus relating to the Middle School building; better definition at the top of the building; more explanation of how the clearstory works using building sections; and further detail on the rain garden/bioretention area design for storm water management. The panel also request that exterior material samples be submitted.*

**College of Engineering Phase II – Submittal #037**

Site Location: Centennial Campus Precinct

Designer: Perkins & Will

Design Representative: Jim Merriman

- + The designer presented an overall model for the College of Engineering (COE) Phase I and Phase II projects. These buildings will begin to define the Oval at Centennial Campus. Phase II will be the focal point at the top of the Oval.
- + The phase II building extends 600-ft in the east-west direction with a portal through the middle of the building centered on the Oval. The portal will allow north-south pedestrian movement. Most of the office space is located on the south side of the building and the research space is on the north.
- + The portal divides the building into two wings. Electrical & Computing Engineering (ECE) will occupy the west wing and Computer Science (CS) will occupy the east wing.
- + The first floor is mostly classroom space with two entry lobbies (east and west) off of the portal.
- + Above the northern entrance to the portal there is a shallow balcony that opens off an upper level conference room. The portal entrance is defined by columns on either side and metal panels above that contrast with the mostly brick building. Above the southern entrance to the portal there is a large/deep terrace that opens off of the main conference room.
- + The design includes light monitors above the atrium entry lobbies to provide natural light into the lobby space. Lab and office fenestration are similar to COE I - punched windows. The office windows will be operable.

- + The material palette will be similar to COE I.
- + Storm water management: rain garden/bioretenion areas are planned along the north side of the building.

Comments:

The Panel was concerned with the lack of lighting in the portal – area appears too long and too dark. Suggested a landscape design with more hard surface terraces at the head of the Oval. Suggested reinforcing the base, middle, and top concept by reducing the number of stripes on the building.

Action:

*The Panel recommended review of revised plans that provide more natural light in the portal; reducing the stripes on the building to reinforce a base, middle and top; development of an interior hearth that spills out into the Oval, the exterior hearth; and review of the exterior material samples.*

**Riddick Laboratory Renovation – Submittal # 040**

Site Location: North Campus Precinct

Designer: BJLAS, Inc.

Designer Representative: Jeffrey Schantz

- + The Riddick Laboratory building will be the new home for two departments, Physics and Animal Science. Riddick was built in the 1940’s and substantial construction is planned for the renovation.
- + An important element of the design is a building addition that contains a south facing interior hearth or student commons area. The future TTA station planned directly south of Riddick.
- + This project creates a new accessible main entrance on the north side of the building (northwest corner), adjacent to the existing auditorium wing. Ramps and stairs are used to traverse the 6 to 8-ft grade change from Stinson Drive to the main entrance.
- + The second floor is at grade with the main building entry on the north. This floor contains mostly classroom space and the interior hearth/student commons space. The south building entrance is two levels below the second floor (main floor).
- + There will be a new corridor system with a wide organizing corridor called “Main Street”. Main Street passes through the two-story student commons space.
- + The building design includes additions that are in keeping with the rhythm and architecture of the building. The intent is a material palette that will match the existing exterior building materials.
- + The service entrance and equipment yard are on the south side of the building and will be screened with a perforated brick wall.
- + There will be approximately 20 fume hoods in this building, which is not a high count for a lab building of this size. The intent is to manifold the hood exhaust internally and use low velocity fans.
- + The south building entry will be developed and better defined.

Comments:

The Panel was concerned with the pedestrian movement in this area of campus, with the length of the accessible route to the main entrance and with the design of the entry plaza. The south building entry is not well defined. Building elevations and perspectives do not show roof screens or exhaust stacks.

Action:

*The Panel recommended review of revised plans with definition of the pedestrian movement through the site; clarification and further development of the northwest plaza/entry with possible use of an alternate accessible entrance that has a shorter route; better definition of the south building entrance; and submission of the exterior building material samples.*

**Partners II Greenhouse – Submittal # 041**

Site Location: Centennial Campus

Designer: Bartholomew Associates Inc.

Designer Representative: Mark Dickey

- + The Partners II Greenhouse is a 1,000 SF research greenhouse with a 200 SF head house located off Main Campus Drive near the Partners II building. The facility will be used by the College of Natural Resources for tree research.
- + The design includes a brick veneer knee-wall and a pre-manufactured greenhouse with either double walled acrylic or single-pane glazing. The glazing options are still being investigated. The frame for the glazing will be factory finished aluminum. The brick will match the brick on the adjacent Partners II building.

Comments:

The Panel was concerned with the placement of the greenhouse to allow for future expansion on this site and the need for further investigation as to which glazing option best meets the needs of the greenhouse.

Action:

*The Panel recommended review of revised plans that relocate the greenhouse building further north and west to align with the existing cooling tower enclosure; and submission of the exterior material samples.*

**West Research Annex – Submittal # 039**

Site Location: West Campus

Designer: Philip Szostak Associates

Designer Representative: Phil Szostak

- + The West Research Annex facility will be the first building constructed according to the new master plan for this part of campus. The building will be located west of the existing Dearstyne Building and will create a courtyard space between the

buildings. The project will relocate and organize the existing trailers adjacent to the Pfiesteria Lab building.

- + This building is a 20,000 GSF pre-engineered building for the Mechanical & aerospace Engineering department. The exterior material on the courtyard side of the building will be a brick base with glass storefront above. A steel tubing trellis will be used for shading on the east side/courtyard side of the building. The north and south sides of the building will be a combination of brick, metal panel siding and glass. The west side of the building is the service side and will be mainly metal panel siding.
- + The plan is very flexible so that it can easily change, as research space needs change. All of the spaces are organized off of one center wall that runs the length of the building. The office space will face the courtyard, and the lab space and mechanical room are located on the west service side of the building.
- + Vehicle parking includes 36 spaces near the courtyard.

Comments:

The Panel wants this building to set the tone for the exterior material palette for this part of campus. The building entrances need to be better defined. The tri-partite organization on the east elevation needs to be reinforced with more brick at the base of the wall. The panel also thought that the parking extends too far into the courtyard.

Action:

*The Panel recommends review of revised plans that include further development of the north and south entrances that reinforce the office-lab spine; better define the east courtyard entrance; provide a larger brick base on the courtyard side of the building; and reduce slightly the number of parking spaces in the courtyard. The panel also request review of the exterior material samples.*

**3. Status of Projects in Planning:**

The next wave of planning projects the panel will be reviewing are renovation projects. The Panel will only review renovations if there are significant changes to the exterior of the building.

**4. Next Meeting:**

The next meeting will be held on Wednesday, April 30, 2003, 1:30 to 4:30 PM in the Primrose Hall conference room.

The meeting adjourned at 4:00 pm.