

**CAMPUS DESIGN REVIEW**  
**October 30, 2002**  
**Primrose Hall Conference Room**

<b>ATTENDEES:</b>	Robert Burns	Charles Leffler	Michael Harwood
	Thomas Conway	Michael McDonell	Bob Fraser
	Ed Funkhouser	Arthur Rice	Lisa Johnson

Additional Distribution: Ann Goodnight, Butch Wilson, Tim Luckadoo, Neil Olson, Michael McDonnell, and Garrett Bugg.

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

**1. Approval of Minutes**

The minutes of the September 25, 2002 meeting were approved as written.

**2. Project Updates**

**USTL II/David Clark Labs – Submittal #036**

Site Location: Central Campus Precinct

Designer: Small Kane Architects

Design Representative: Kerry Kane and Shane Webster

- + The hearth level is 14 feet lower than the main entrance/parking level of the building. Accessibility to the hearth will be achieved in two ways: A sidewalk will connect the accessible parking on the west side of the Administrative Services building to the hearth, and the main entrance (upper parking level) on the south side of the Support Services building will connect to the hearth via an elevator. An accessible ramp from the upper level parking could be constructed at a future date when the hearth is further developed behind The Administrative Services building.
- + The base, middle and top of the building have been better delineated on the elevations. The base will be a red brick that will match the adjacent building, the Administrative Services building. The base brick will be on the 1st floor only. The middle will be a neutral brick at the 2<sup>nd</sup> and 3<sup>rd</sup> floors. The top will begin with a stone accent band at the top of the 3<sup>rd</sup> floor windows and will terminate at the parapet with 3 courses of cast stone.
- + The covered walkway, connecting the two buildings, has been converted to a trellis and is a similar to the sunscreen design. The trellis will provide sun screening and a sense of enclosure/human scale.
- + The sunscreens will extend out from the building about 6 feet on the south and west elevations. They will be a combination of aluminum and stainless steel and will be low maintenance. They will be prefabricated and not custom built. There will be a beam behind the curtain-wall that will provide the support for the

sunscreens. The curtain-wall will have aluminum inset panels where the sunscreens meet the wall. These aluminum panels will give the sunscreens something solid to extend from in lieu of leaving glass in this area.

- + The designer presented two renderings, one showing the sunscreens at the main entrance extending from the glass curtain wall and the other showing them extending from the aluminum panels. The glazing at the sunscreens would be spandrel glass, which would blend with the window glazing but would not be an exact match. The entry canopy will be similar to the sunscreens but will be heavier since it projects out from the building a lot further. It may look better for the canopy to extend from the aluminum panels in lieu of having the appearance of floating in front of glass.

Comments:

The Panel directed the designer use the aluminum panels at the entry pavilion in lieu of the spandrel glass. The designer was asked to partially cover the trellis/arcade that connects the two buildings. This adds protection from the elements for those traveling between buildings. The trellis should be left open where not needed for cover. The panel was also concerned about the color of the stone cap, the sample presented appear too light.

Action:

*Panel recommended approval pending revisions to the trellis/arcade design to provide a covered connection between buildings and pending the final review/approval of the exterior color palette by the University Architect.*

**University Apartments – Submittal #033**

Site Location: Central Campus Precinct

Designer: Hanbury Evans Wright Vlattas

Design Representative: Jane Wright

- + The designer presented the site design, which included the pedestrian paths that connect with destinations off campus and reviewed the use of brick on the All Campus Path. The All Campus Path will not be entirely brick due to budget constraints but will be all brick at major path connections, such as the main plaza circle and the major gateways. The majority of the path will be concrete with brick seat-walls along the path. The connection point will be brick where the All Campus Path meets the Gorman Street intersection. The designer noted that the City of Raleigh has requested the installation of a sidewalk along Faucette Drive.
- + A rusticated, over-sized (4" x 12") brick will be used for the base of both building types and will carry through to the seat wall.
- + The street buildings will have a row-house affect. More of the light brick has been added to the top floor of the street buildings to better tie the two building types together.

- + The issue with the roof support at the front entry balconies has been resolved. The roof overhang was reduced, thus not requiring a support, and a canopy has been added at the balcony.
- + The adjacent chiller plant will use the same exterior materials as the apartment buildings.
- + The designer noted that exterior material sample panels are necessary before making final material/color decisions.

Comments:

The Panel didn't think the All Campus Path was in keeping with the Master Plan; it still needs more brick to better tie together with other campus paths. The panel was concerned about extending the rustic/oversized brick too high on the buildings and for the site walls. The designer should consider incorporating more light brick for accents.

Action:

*The Panel recommended approval pending inclusion of more brick in the All Campus Path design; use of the lighter brick at the accent windows; minimizing areas where the rustic, oversized brick extends higher than the building base; and final approval of the exterior material palette by the University Architect.*

**North Campus Chiller Plant – Submittal # 028**

Site Location: North Campus Precinct

Designer: RMF Engineering / NBBJ

Designer Representative: Douglas Hall

- + The square punched windows on the north elevation have been eliminated.
- + The proportions of the windows on the south elevation have been adjusted. The large square windows have been subdivided with larger vertical mullions to better match the proportions of the existing steam plant windows.
- + The entry window-wall will move out to avoid plaza deck construction above the locker rooms.
- + The plaza design has been revised to create a balance between hardscape and green space. The walkways will all be at a 1 to 20 slope and will require some retaining walls. To address all of the grading issues, the plaza design extends to the south side of the Morris Building and Riddick Stadium.
- + The chiller plant exterior materials will match the existing steam plant.

Comments:

The Panel was concerned with the development of the site adjacent to the Morris Building and Riddick Stadium. The long range plan is to demolish Riddick Stadium and the site will be re-designed at that time.

Action:

*The Panel recommended approval pending minimizing the site work to just the area close to the building. Minimize site grade changes should be made at the Morris Building and Riddick Stadium and existing accessible entrances should be maintained. Approval is also pending final approval of the exterior color palette.*

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

Mr. Harwood reviewed the Status of Projects in Planning report.

**4. Next Meeting:**

There will be no meetings in November or December of this year. The next meeting will be held on Wednesday, January 29, 2003, 1:30 to 4:30 PM in the Primrose Hall conference room.

**CAMPUS DESIGN REVIEW**  
**September 25, 2002**  
**Primrose Hall Conference Room**

<b>ATTENDEES:</b>	Ann Goodnight	Arthur Rice	Ed Funkhouser
	Timothy Luckadoo	Charles Leffler	Michael Harwood
	Robert Burns	Thomas Conway	Lisa Johnson

Additional Distribution: Butch Wilson, Neil Olson, Michael McDonnell, Garrett Bugg and Robert Fraser

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

### **1. Approval of Minutes**

The minutes of the August 28, 2002 meeting were approved as written.

### **2. Project Updates**

#### **USTL II/David Clark Labs – Submittal #035**

Site Location: North Campus Precinct

Designer: The Stubbins Associates

Design Representative: Mark Gross

- + The site plan revisions were discussed. The pedestrian circulation has been coordinated with the USTL I project. The plaza circle has been adjusted to coordinate with the All Campus Path that will pass through the David Clark Addition. This will be a change to USTL I building project.
- + The bus staging area has displaced some additional parking spaces so a small parking lot has been added adjacent to Dan Allen Drive to replace these spaces.
- + The total project provides about 92,000-gsf of space. The existing building is about 42,000-gsf and will be renovated for office space, classrooms and dry lab space. The north building addition will consist of about 50,000-gsf and will include research labs, prep rooms and teaching labs. A lobby/student commons area will connect the existing building to the addition. This area will provide more opportunities for student/faculty interactions.
- + On the east and west elevations, more brick has been added at the portal where the All Campus Path passes through the building to address a previous CDRP comment.
- + The retaining wall on the west side of the building will be removed and this area will slope down to natural grade. The slope will be landscaped.
- + The elevation design at the connector between the two buildings has been revised to better unify the buildings. The entry canopy has been revised and is now very similar to the entry canopy of the USTL building.
- + The open connecting stair in the lab wing has been deleted which will allow more useable space on the second and third floors. The first floor of the addition will

align with the first floor of the existing building. The second floor of the addition is about 30-inches higher than the second floor of the existing building. A ramp will be provided at this level to connect the two buildings. Additional floor-to-floor height is needed in the addition for routing of laboratory utilities.

- + The design team is working to resolve possible safety and noise issues for the lab exhaust system – a high velocity system versus taller stacks, which is best for this building and site

Comments:

The Panel asked the designer to make sure that the arcs at pedestrian path intersections are large enough to prevent pedestrians from cutting across landscaped areas. The Panel was also concerned with the glazing proportions at the building connector, front entry and bridge connectors. The curtain wall mullion proportions are not consistent with the existing building or building addition windows.

Action:

*Panel recommended approval pending review of revised plans that address the design consistency issues of the curtain-wall connector between the existing and new buildings.*

**North Campus Chiller Plant – Submittal # 028**

Site Location: North Campus Precinct

Designer: RMF Engineering / NBBJ

Designer Representative: Douglas Hall

- + A portion of Riddick Stadium will be removed to allow for construction of the North Chiller plant.
- + Design team is coordinating with the TTA plans since the chiller plant site is impacted by the TTA design. Pedestrian movement from the future TTA platform is being considered.
- + The entry plaza has been further developed. A portion of the existing rock retaining wall will be removed to allow for grading of pedestrian paths connecting to the plaza. The entry includes steps, accessible ramp and an entry canopy.
- + The building floor plans for the ground floor of the plant will be the pump room, locker rooms and shops. The second floor is high bay space that aligns with the existing steam plant and will house the chillers, main entrance and shops. The third floor is office space that includes interior windows for viewing the chiller room.
- + The connector between the existing steam plant and the addition has been revised and will be mostly glass, picking up the rhythm of the existing plant.
- + The chiller plant addition will match the exterior finishes of the existing steam plant.

Comments:

The Panel was concerned with the width of the east-west pedestrian paths and plaza design; possible future water problems due to the exterior plaza being above the locker rooms; the length of the entry canopy; the proportions of the windows on the

south elevation; and the placement and size of the punched windows on the north elevation.

Action:

*The Panel recommended review of revised plans that simplify the plaza design; address the water infiltration concerns; and address the north and south elevation window proportion concerns.*

**Doak Field Scoreboard**

Site Location: Central Campus Precinct

Design Representative:

- + The original plan was to temporarily remove of the existing scoreboard during renovations to Doak Baseball Field and then to reinstall the scoreboard. The Athletic department now wants to make modifications to the scoreboard before it is reinstalled.
- + The scoreboard design submitted for review is missing the home fence that would cover up the bottom portion of the scoreboard. The back of the existing scoreboard is blank and unpainted and is visible to Lee Hall residents.

Comments:

The Panels was concerned with design of the scoreboard; and the back unpainted side, which is visible to the Lee Hall residents.

Actions:

*The Panel recommended the architect working on the design of Doak Baseball Field project get involved with the design of the scoreboard.*

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

Mr. Harwood informed the Panel of the format change to Status of Projects in Planning report. This month's report removed all the of completed projects.

**4. Next Meeting:**

The next meeting will be on October 30, 2002 at 1:30 p.m. in the Primrose Hall Conference Room.

The meeting adjourned at 3:45 p.m.

**MEETING MINUTES  
CAMPUS DESIGN REVIEW  
August 28, 2002  
Primrose Hall Conference Room**

<b>ATTENDEES:</b>	Butch Wilson	Michael McDonnell	Garrett Bugg
	Timothy Luckadoo	Arthur Rice	Michael Harwood
	Robert Burns	Charles Leffler	Lisa Johnson

Additional Distribution: Ann Goodnight, Neil Olson, Thomas Conway, Ed Funkhuser and Robert Fraser

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

**1. Approval of Minutes**

Butch Wilson asked if the Carter-Finley Practice Facility Observation Tower had been approved. Charles Leffler asked Mr. Harwood if he had received written documentation about the height from the designer, if it confirmed 45-feet as the height of the filming level, and the total height with the coaches' viewing stand.

Michael Harwood will present written documentation to the Trustees at the September 19, 2002, meeting that confirms the filming level as 45-feet, but with the coaches' viewing stand the tower is actually 65-feet in height.

The minutes of the July 24, 2002 meeting were approved as written.

Mr. Harwood asked the Panel their thoughts for looking ahead to meetings for calendar year 2003. Monthly meetings are now scheduled from January thru November, except for the month of June. The Panel agreed to stay with the current schedule, which is the last Wednesday of the month.

**2. Project Updates**

**University Apartments – Submittal #033 & 033A**

Site Location: Central Campus Precinct  
 Designer: Hanbury Evans Wright Vlattas  
 Design Representative: Gil Carpenter

- + This is the second Panel review of this project. At the previous meeting, the Panel comments were the base, middle and top building concept; the main entrances be more inviting; details on how the All Campus Path will connect with

campus and the neighborhood; integration of the south buildings and storm water management at this site.

- + The University Apartment now has a total of 1,212 beds.
- + The buildings originally planned for the south of the site have been reorganized to the north and east of the courtyard per the Panel’s previous comment. This reorganization has created more outdoor space for the students.
- + The design uses two distinct building types, with four of each type. The difference in the exterior treatment of the building types is intentional to give variety to the complex. The design team is still working on development of the bay windows.
- + Revised building elevations have a darker brick base to achieve the base middle and top concept.
- + Material palette consists of two (light and dark) brick colors, stained concrete for exterior paving from the plaza to the main lobby of each building, aluminum windows and shingled roofs.
- + The All Campus Path at this site passed through the main outdoor hearth space, and has a minor link to E.S. King Village.
- + Most of the vehicle parking is located at the perimeter of the site.
- + The chiller plant is located north of the apartments. The grade level at this site is steep therefore the plant is a two-story facility.
- + Extending the roof overhangs will add a lot of cost to the project. The revised design will have gutters and external downspouts shown on the drawings.
- + The landscape plan will retain the pecan grove site feature. It will create courtyard spaces – unique spaces by using different types of tree groupings.
- + The main street of the apartments will have distinctive “architectural” trees.
- + The area north of the pecan grove will have a large open space with trees planted adjacent to the buildings.
- + The landscape plan will screen the parking and also meet the City of Raleigh requirements.

Comments:

The Panel was concerned with articulation of the apartment buildings bay windows; the brick base treatment may be too subtle; the materials of the campus paths keep brick in sidewalks even if borders; how the paths connect back to campus; and the base inconsistency of the west and south elevations of the chiller plant.

Action:

*Panel recommended approval pending review of plans that resolves the base color treatment, reduces of the base vertical rustification; the entrance roof detailing; how the pedestrian path connects off of the site to campus and more brick detailing to the All Campus Path.*

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

Mr. Harwood informed the Panel of the new format for the Status of Projects in Planning report. This month's report highlights all of the completed projects. These projects will disappear from the report with the next distribution.

**4. Next Meeting:**

The next meeting will be on September 25, 2002 at 1:30 p.m. in the Primrose Hall Conference Room

The meeting adjourned at 3:25 p.m.

**MEETING MINUTES  
CAMPUS DESIGN REVIEW  
July 24, 2002  
Primrose Hall Conference Room**

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

Additional Distribution: Arthur Rice, Timothy Luckadoo, Neil Olson and Robert Fraser

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

**1. New Members**

Michael Harwood welcomed the new Panel members and explained the role of the Campus Design Review Panel (CDRP). The Panel meets monthly to review campus projects for compliance with the Physical Master Plan. CDRP functions to advise and make project recommendations to the Trustees' Buildings and Property Committee. The Campus Design Studio, in the College of Design, each semester generates campus-planning ideas within specific campus neighborhoods for consideration for the University Architect and the CDRP.

**2. Approval of Minutes**

The minutes of the May 29, 2002 meeting were approved as written.

Michael Harwood noted that Corley, Redfoot & Zack confirmed that the proposed Carter-Finley Practice Facility observation tower will be the same height as the temporary lift, 45 feet tall.

**3. Project Updates**

**Wildlife Resources Commission – Submittal #029**

Site Location: Centennial Campus Precinct  
 Designer: Mark Willard Associates  
 Design Representative: Mark Willard

- + This is the second review of this project. The Wildlife Resources Commission is a state agency responsible for management of wildlife in-state hunting, fishing and boating licenses. This project will move all administrative offices to one building.
- + The agency wanted to build a building considering some of their values about the environment. They want to be a leader in sustainable design, and for their

building to be a model of sustainable design based on the Triangle J High Performance Building Guidelines.

- + About one third of the building space is a wildlife education center for school group visits/public service and two-thirds is administrative office space for the agency.
- + The site is located on Varsity Drive and is bordered by the substation, a stream corridor, and has greenway connectivity. The site and building will be used as a teaching tool.
- + The project will include an access road to the Toxicology loading area.
- + Designer wanted to leave as much green space as possible for outdoor teaching. There are two bioretention cells planned for the site. Storm water from access drives, parking areas and the roof will drain into these bioretention cells.
- + Site plan includes a diverse plant and habitat concept and will include a variety of plant types. The planting master plan will be installed over time by the agency. Ornamental trees and shrubs will be in the bid package and will include street trees.
- + Vehicular service access for loading, dumpsters and recycling are planned at the east end of the building and will be screened.
- + The entire site will be used for demonstration and outdoor activities.
- + The building is only 60-feet wide so daylight can filter into the middle.
- + The west end large blank brick wall that was a concern at the previous meeting is now replaced by glazing with louvered sunscreens. The louvers are stationary and extend five feet out beyond the brick. They are tilted midway for viewing to street level.
- + Mechanical distribution is from below the floor. Each workstation has its own controls. Lighting is controlled by photocells, which will dim when there is sufficient daylight and will brighten when cloudy.
- + The design previously had three roof levels and now has two levels.
- + Stair and elevator towers are all brick.
- + Material palette includes glass and zinc spandrel panels, aluminum shading devices and grilles. The brick base has been raised up a few courses for better definition. The roof material is a suspended vault with metal panels on the outside and wood on the inside.
- + Walkway on west side of deck for egress requires a retaining wall.
- + The south has an interior light shelf and an exterior aluminum sunshade.
- + Material palette includes brick, zinc metal panels (natural not painted) and shading devices of aluminum and steel. The high tech paint system for the steel will match the aluminum. The entry cover will be an aluminum structure with glass. Window system will be storefront or curtain wall (also pricing an Anderson window system).
- + The height of the building is 75-feet.
- + The design includes operable windows (awning) with a monitoring system to let occupants know when they can open windows.
- + Daylight benefits: the perimeter office will need no artificial lighting, which will provide energy savings.

- + The engineers have modeled the energy savings for this building. They have constructed physical models of all day lighting designs.

Comments:

The Panel was concerned with the louver window design, and how the windows will be maintained.

Actions:

*Panel recommended approval pending a review/approval of the exterior material palette and submittal of better details and/or description of the louver system.*

**Support Services Building – Submittal #036**

Site Location: West Campus Precinct

Designer: Small Kane Architects

- + The Support Services Building will be located on the corner of Sullivan Drive and Varsity Drive and will house a variety of university support units.
- + This site drops about 30-feet from south to north. Design team had to coordinate with several new projects in this neighborhood; the Public Safety Facility, the University Apartments and the West Chiller Plant.
- + This three-story, 53,000 GSF building is designed for all office type space. The building will establish an exterior hearth for this campus neighborhood.
- + Vehicular access to the site is via Varsity Drive, with service access from Sullivan Drive. This site includes pedestrian access from Public Safety/EH&S and University Apartments.
- + The main entrance faces the south and is on the second level. The first floor matches the ground floor elevation of the adjacent Administrative Services building and is the hearth level. There are a series of terraces to get from the main entry level to the ground floor.
- + A relationship between the two buildings is important, so an L-shape building using the existing topography is the best solution to tie in both buildings. They are also connected by a red brick covered walkway.
- + The service area provides space between the two buildings, which allows daylight into the Support Service building. The buildings will share the service entrance and equipment yard.
- + Storm water drainage will be handles by retention ponds.
- + Design includes shade trees around the one-way 32-space parking lot. The pine trees along Varsity Drive will be preserved but the pine trees along Sullivan Drive will need to be replanted.
- + Material palette includes heavier red brick color at the base of the building (matching the brick of Administrative Services) with a lighter brick color on the top levels. The two-color brick change (base to top) helps bring the scale down to better tie it to the Administrative Services building. Sunscreens extend about 6-feet on the south and west sides. The windows will have low-e solar glazing.

- + The courtyard will serve as a public interaction space and will consist of a seat wall, movable furniture and tree planting to provide some cover from the south side.
- + Design has large window openings on the hearthside of the building and smaller punched openings on the north and east sides and repeats the larger window openings at the building corners. The main building entrance contains more window wall with a large canopy over the entry doors.
- + The top cap of building is still being studied but may consist of double rowlock courses or a single soldier course.

Comments:

The Panel was concerned with the main entrance; the accessible path to the hearth; the building cap design; security issues for Computer Disaster Recovery space (how it affects the exterior design) and that the sun shading elements be maintenance free.

Action:

*The Panel recommended review of design revisions for the main entrance, the accessible path to the hearth, further development of the top/cap of the building, the north elevation of the building (how to address the security issues for CDR) and submission of a material palette.*

**West Chiller Plant – Submittal #033A**

Site Location: Central Campus Precinct

Designer: Hanbury Evans

- + The West Chiller Plant will be located behind Central Stores and University Graphics. The plant will initially service all of the new buildings in the area and will later service all buildings in this area, as a means to reduce the number of buildings with individual equipment.
- + Vehicular access to the lower level is from the parking lot behind Central Stores and access to the upper level is from the drive at the south of the site.
- + The building is two stories. The top floor will house the chillers and a shop area for Housing and the lower level will house the pumps and electrical equipment.
- + Material palette: asphalt shingle roof, with red and buff recessed brick base (color to match the University Apartments).

Comments:

The Panel was concerned with the complexity of the brick color changes, the base design, and the size of the roof overhangs.

Actions:

*The Panel recommended a simplification of the brick color changes (base to top), consistency in the height of the base color, extension of the roof overhang to create a stronger shadow line, verification that the plant is sized for additional capacity and submission of the exterior material palette.*

**4. Next Meeting:**

The next meeting will be on August 28, 2002 at 1:30 p.m. in the Primrose Hall Conference Room

The Panel discussed changing the November 27, 2002 meeting date, since it is the day before Thanksgiving Day.

The meeting adjourned at 4:15 p.m.

**MEETING MINUTES  
CAMPUS DESIGN REVIEW  
May 29, 2002  
Primrose Hall Conference Room**

<b>ATTENDEES:</b>	Ann Goodnight	Michael McDonnell	Lisa Johnson
	Flora Grantham	Charles Leffler	Robert Fraser
	Robert Burns	Ken Hanck	
	Garrett Bugg	Michael Harwood	

Additional Distribution: Mary Myers, Thomas Conway, Neil Olson, and David Rainer

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

**1. Approval of Minutes**

Mr. Leffler noted a correction to the March 27, 2002 meeting minutes. The designer name for Carter Finley Football Stadium Practice Field should be Corley, Redfoot, Zack.

**2. Master Plan Updates**

**Housing Master Plan**

The Housing Master Plan includes apartment-style housing to be located on Central Campus at the corner of Gorman Street and Western Boulevard. This project is titled University Apartments, and is currently in schematic design.

The Housing Master Plan concept is one of living and learning – a residential community that also provides space for academic success. The concept of villages and main streets is the major theme of the Housing Master Plan, and the final report is currently in the works.

**Centennial Campus Additional Acreage**

An additional 130 acres was allocated to the university one year ago. The property is located on the south side of Centennial Parkway and will become part of the Centennial Campus. Master planning has just begun, which will determine the best usage of the additional acreage, and pedestrian and vehicular access to the existing Centennial Campus. Planning will consider the existing buildings at this site. The North Carolina Japan Center has already relocated to the Spring Hill House on Barbour Drive, which is on the historic register.

The site has grade issues such as significant slopping which is visible driving to the site from the Farmers Market. A landscape architect, land planner, utilities and transportation planners will study and propose a master plan for the Centennial Campus additional acreage.

**West Research Annex Master Plan**

The West Research Annex is being planned as the location for the types of building uses that don't really belong on campus – warehouse metal buildings, temporary facilities, etc. The master plan will look at opportunities for development for this part of campus, what characteristics and density of development makes sense.

**Public Safety Building – Submittal #032**

Site Location: Central Campus

Designer: Moseley Wilkins Wood (formerly Moseley Harris McClintock)

Design Representative: Don Van Ollefen

- + The design firm recently merged with a firm in South Carolina and changed its name to Moseley Wilkins Wood.
- + The site plan for this project is tight. The site slopes from the Public Safety Building site towards Varsity Drive.
- + Public vehicle parking is planned at the front of the building. A private entrance for Public Safety staff is planned at the rear of the building.
- + Building elevations show similar material palettes for both buildings. The galvalum siding in the existing EH&S is used as accents in the Public Safety building, and the brick from the Public Safety building extends to the EH&S building, via the covered walkway.
- + The material palette consists of a light brick base, red brick building with galvalum accents at the windows and entrances, white medal sun shade devices and green glass to match the EH&PS building.
- + The revised design increases the size of the windows by 50%.
- + The revised landscape plan replaces the security fence with shrubbery, and adds four small trees along the east elevation.
- + Storm water drains naturally from the front of the building. Storm water quality issues have been addressed with all natural features, but new regulations may require a sub-surface tank behind the building.

Comments:

The Panel was concerned with the height of the base brick, matching the brick to the existing EH&S building; and landscape plans for this site.

Actions:

*The Panel recommended approval of this project, pending design revisions that increase the height of the base brick by 2 to 3 courses; revise the landscape plan to coordinate with building fenestrations; provide additional information on the storm water management strategy and BMPs to be utilized; and coordinate brick selection with Support Services Center building material palette.*

**Carter-Finley Stadium Football Practice Field Submittal #019A**

Site Location: West Campus

Designer: Glen Corley – Corley Redfoot Zack

- + Design revised to simplify the building roof, and the height has been raised up two feet.
- + The painted brick accent originally designed across the sports medicine portion of the facility now continues across the entire facility.
- + Design now includes three small windows to the utility and storage area.
- + The metal roof will match the color of the roof on the existing toilet building at Carter Finley. The brick will match the brick on the Football Center. The canopy columns will be painted grey, with built in rain gutters for drainage.
- + On site parking is planned for staff and for team buses to turn around.
- + Landscape plans include shrubbery and trees around the building.
- + The interior will have exposed brick walls in the utility and storage area, and painted brick walls inside the sports medicine unit.
- + The designer submitted for review the 55 to 60-ft coaches observation tower that will be located between the two practice fields.
- + The observation tower is a permanent, two level structure – one level for coaches to observe practices and the other level for film crews to film practices. The foundation is four inches above grade and already exists at this site.
- + Design consists of a steel frame with riser stairs, a red wood canopy top and galvanized stair treads and landings.
- + A fence is planned for the bottom of the tower to meet code requirements and for security precautions.

Comments:

The Panel was concerned with what drives the height of the observation tower; the sustainability of the structure; if it would require permanent electrical elements; and the placement of the fence enclosure for the tower.

Action:

*The Panel recommended approval of the practice field facility project; return to the Panel for re-approval should the pricing exercise for these improvements exceed the budget and necessitate significant changes to the design; verify the height required for the video equipment before finalizing the height of the camera observation tower; and locate the fence enclosure at the edge of the tower, minimizing the potential for collisions during practice.*

**Next Meetings:**

The next meeting is scheduled for:

July 24, 2002 at 1:30 p.m. – Primrose Hall Conference Room

The meeting adjourned at 3:30 p.m.

**MEETING MINUTES  
CAMPUS DESIGN REVIEW  
April 24, 2002  
Primrose Hall Conference Room**

<b>ATTENDEES:</b>	Ann Goodnight	Michael McDonnell	Lisa Johnson
	Mary Myers	Charles Leffler	Robert Fraser
	Robert Burns	Ken Hanck	Michael Harwood

Additional Distribution: Flora Grantham, Thomas Conway, Neil Olson, David Rainer and Garrett Bugg

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

**1. Approval of Minutes**

The minutes of the March 27, 2002 meeting were approved as written.

**2. Master Plan Update**

**Triangle Transit Authority Regional Rail Service – Phase I**

Site Location: North Campus

Representative: Juanita Shearer-Swink and John Robertson - TTA

The Triangle Transit Authority Regional Planning and NC State University have been working together since 1992. TTA and some of the Panel members have been collaborating on the development of a university regional rail service for the last 18 months. Juanita Shearer-Swink, regional planner and John Robertson, chief engineer with TTA presented to the Panel Phase I of the rail service design concept. Ms. Shearer-Swink informed the Panel that TTA is interested in a formal partnership for their involvement and support of the plans for the NC State regional rail service. TTA would require a memo from the university formalizing a partnership once the project is 56 percent into the design phase.

This project consists of three phases with rail service beginning in fiscal year 2008 thru fiscal year 2015, and supports a cross campus system with other universities in the region. TTA has developed design guidelines for each station to compliment the surrounding community. Rail service at NC State is planned for fiscal year 2008, with one station located on north campus. The TTA rail system will run along the north side of the existing tracks.

Phase-I of the project deals with the environmental impact. John Robertson gave the Panel and overview of the NC State station design concept. The station platform planned location along the existing rail system is south of Riddick Labs and Mann Hall on Yarbrough Drive; and north of Reynolds Coliseum on Dunn Avenue. Mr. Robertson presented preliminary pedestrian circulation concepts with various options for Panel review: overhead walkway, eastbound ramp, westbound ramp I & II and a concourse or bridge. The objective is to get people in and out of the area as easily as possible.

The existing grade change and steam tunnel at this site has created a challenge for the design team. A 26-foot rail separation is required between the new and the existing rail systems. They are currently trying to resolve the site grade changes between Mann Hall and Riddick Stadium. The plan would displace vehicle parking along Yarbrough Drive, but free parking would be available at other TTA rail stations. The design team has considered both vertical and horizontal pedestrian circulation. They have concluded that the eastbound ramp design option would work best for TTA, but wanted to know which of the options would the Panel prefer.

Comments:

The Panel welcomed the opportunity to review and approve the design of the new NC State University TTA rail system. They also concurred with TTA on the eastbound ramp option and recommended a design concept of a switch back ramp that would return to the west. The Panel was concerned with displaced parking at this site.

Action:

*The Panel recommended preliminary approval pending review of the eastbound switch back ramp for the rail station, along with review of future design concepts as they are developed.*

**Conference Center/Hotel & Golf Course – Submittal #017**

Site Location: Centennial Campus

Designer: Eric Corte - Hines

- + The site plans have been revised to join the Conference Center with the Alumni Building and the golf course. A pedestrian sidewalk connects the three buildings together, and also connects the Conference Center to the pond.
- + Design includes enhancements to the water quality ponds to make them appear more natural.
- + Building elevations have been revised to meet the requirement for a top, middle and base. The top consists of metal, the middle consists of brick spaniel and the revised design removes a lot of the pre-cast accent.
- + The canopy in the entrance would be a light metal, which would be more transparent displacing the columns in the previous design.
- + Design revisions would remove the glass from the elevator tower to make it more slender around the corner of the building. On a revisit to the site, the design team

found that the trees are actually taller than depicted in their plans so the tower may not be as visible from Main Campus Drive.

- + The parking deck material palette would include a pre-cast material painted a dark color to blend with the brick color of the building.
- + The golf course clubhouse parking lot steps down with the grade. The grading is most difficult in this area; there is rock that would require blasting to remove it. Also the plan includes sand filtration devices at hole fifteen with heavy tree planting at this site.
- + The clubhouse will function as service for the golf course with a snack bar, storage and kitchen facilities. The material palette would consist of brick with a metal roof.

Comments:

The Panel was concerned with the cross-over pedestrian path between the Alumni Building and the Conference Center; the color of the parking deck; the elevations of the golf clubhouse as the base appears out of scale compared to the rest of the building; the lack of windows on the snack bar side of the clubhouse; and that the clubhouse design is not inviting.

Actions:

*The Panel recommended approval of this project, pending site revisions to eliminate the cross-over sidewalk from Main Campus Drive; an alternative color for the parking deck; review of site plans for the golf course; design revisions to the clubhouse that would make the building more inviting and user friendly.*

**David Clark Laboratory / USTL II – Submittal #035**

Site Location: North Campus

Designer: Richard Green – The Stubbins Associates

- + David Clark Laboratory/USTL II project includes renovating 42,000gsf of the existing building and also an adjacent 47,000gsf new building at this site.
- + Initial plans for this project was two construction phases: the first to construct a new building, and the second to renovate the old building. The project will now be combined into one phase with the building name, David Clark Laboratory.
- + The creation of open space at this site is as important as the building itself. It includes a courtyard and an extension of the All Campus Path from the building to Dan Allen Drive.
- + The existing building will be office space for faculty and graduate students, and the new building will be research and teaching laboratories. The teaching spaces are located at grade with easy access to the courtyard.
- + The main entrance includes exhibition and public space and is the connection between the existing building and the addition.

- + The design would include exhaust fans on the roof, accessible ramps and stairs at each end on the second level.
- + The material palette consists of brick (picking up the aesthetics that match the existing building and USTL I), pre-cast accent and metal. The window material would include high performance energy efficient glass.

Comments:

The Panel was concerned with the air quality and noise from the roof fan exhaust system; the south elevation design not very inviting; the design of inoperable windows in the lab portion of the building; and landscaping plans for the area between the existing building and the addition adjacent to Dan Allen Drive.

Action:

*The Panel recommended designer submit review plans that include operable windows in the lab portion of the building; better use of the public connector between the buildings; a roof fan exhaust system with less noise and better air quality; and landscaping plans for the area between the existing building and the addition at Dan Allen Drive.*

**Carter-Finley Stadium Football Practice Field – Submittal #019A**

Site Location: West Campus

Designer: Glen Corley – Corley Redfoot Zack

- + This project would add a new facility adjacent to the existing mechanical building near the three practice fields at Carter-Finley stadium.
- + The new 5,500sf building will serve as a sports medicine and equipment storage facility separated by a pull up drive thru pick-up/drop-off equipment storage area, with an additional 2,500sf of covered area for use during increment weather.
- + The equipment storage facility height would have to accommodate the dimensions of two-way access pull up doors for the equipment vehicles.
- + The entrance to the sports medicine facility is off of the large covered area. The design concept would include a brick facade with five windows.
- + The material palette consists of a concrete block base, a brick band accent across the sports medicine facility and stainless steel red metal roof on the equipment storage facility and the covered area.

Comments:

The Panel was concerned with the design concept of varied rooflines for the facilities; the fragmented brick band accent; the height of the equipment facility and the lack of windows; security as this facility would have no outdoor lighting; and the lack of landscape plans.

Action:

*The Panel recommended design revisions for a more consistent and simplified design; eliminate the varied rooflines; improve the brick band accent throughout the design; add windows to the equipment facility and submit for review landscaping plans for this site.*

**Next Meetings:**

The next meeting is scheduled for:

May 29, 2002 at 1:30 p.m. – Primrose Hall Conference Room

The meeting adjourned at 4:40 p.m.

**MEETING MINUTES  
CAMPUS DESIGN REVIEW  
March 27, 2002  
Primrose Hall Conference Room**

<b>ATTENDEES:</b>	Ann Goodnight	Ken Hanck	Lisa Johnson
	Flora Grantham	Charles Leffler	Michael Harwood
	Robert Burns	David Rainer	

Additional Distribution: Mary Myers, Michael McDonnell, Thomas Conway, Neil Olson, Garrett Bugg and Robert Fraser

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

**1. Approval of Minutes**

The minutes of the February 27, 2002 meeting were approved as written.

**2. Projects for Review**

**Project Updates:**

**Telecommunications Building – Submittal #034**

Site Location: Central Campus

Designer: Ron Collier –Alpha Collier

- + The site plans have been revised to move the Telecom Building back from Dan Allen Drive. This move would be necessary because of the existing utility lines – storm water, utility and ductbank.
- + The landscape plan would include a buffer of low growing shrubs and trees to break up the façade of the building; would relocate an old cedar tree currently located between Hodges and the existing utility building.
- + Design plans would install a yard drain in the back of the building to collect storm water, and would also solve the guttering system at this spot.
- + The material palette consists of red brick to match the existing utility building and a grey metal roof.

Actions:

*The Panel recommended approval of this project.*

**North Campus Chiller Plant – Submittal # 028**

Site Location: Centennial Campus

Designer Representative: Tim Griffin – RFM Engineers

- + The North Campus Chiller Plant is designed to become an educational tool, and accommodate future expansion needs. It would enable the Facilities Operations campus services to perform their tasks better, while keeping service activities away from academic activities.
- + The Chiller Plant site begins with the tunnel behind the existing Public Safety building and extends to the west of the Yarborough Steam Plant. The plan would demolish the southern portion of Riddick Stadium to allow expansion of Yarborough Steam Plant.
- + Current site plans would create a main circulation corridor from the existing plant to the new one; create a new entranceway with a courtyard between Yarborough Plant and the expansion; and add a ramp from the Language Lab building down to Riddick Stadium.
- + Designer plans to mask this site to break down the building on the campus side. The Facilities yard would be on the second level, and a parking deck would be relocated to the east/west.
- + The building design consists of a basement level for pumps; chiller bay on the first floor; glass lobby connector for the new and existing steam plant; a cooling tower on a steel frame on the roof; and office/shop functions adjacent to the plant.
- + The material palette consists of brick to match the existing steam plant, pipe rack for the chiller, glass with glazing in the side panels, store front insulating aluminum windows and a brick plaza.

Comments:

The Panel was concerned with how the site plan would connect with the Morris, College of Design and the College of Engineering buildings; the character of the plaza pedestrian and vehicle access; the design concept of the glass lobby entry connector between the new and the existing plant.

Action:

*The Panel recommended the designer submit for review a revised plan to make the glass lobby entranceway between the new and existing plant more inviting; submit for review a plan that shows how this site would: connect with the College of Design buildings to the east and the College of Engineering buildings to the west; describe the character of the plaza for pedestrian/vehicle access; and include green spaces and storm water management.*

**Baseball and Tennis Facility – Submittal #03**

Site Location: Central Campus

Designer: Douglas Hall - NBBJ

- + This project links the site together via Thurman Road (soon to be named Varsity Drive). An entrance gateway from Sullivan Drive would be created for vendor use during a game.
- + The elevations of the Sullivan Drive side of the tennis facility have been revised to add more brick at the base of the building, and add a brick design that turns the corner of the building.
- + Landscaping along the back of the building facing Sullivan Drive to introduce more trees. Design team needs to review the Rocky Branch project updated Sullivan Drive replanting plans.
- + Storm water management would consist of a drainage system under the baseball field, and a connection to the existing storm water piping system, which discharges directly into Rocky Branch.
- + This site would displace approximately 40-50 vehicle parking spaces.
- + The exterior material palette consists of brick, galvanized metal, reuse of the existing “Doak Stone,” accented with a red solid panel in the entrance.

Comments:

The Panel was concerned that the building’s brick design on Sullivan Drive match the entrance side of the building; the number of parking spaces lost; landscape plans for the Sullivan Drive side of the building and storm water details.

Action:

*The Panel recommended approval pending the following directives: the brick design for Sullivan Drive be consist with the entrance side of the building; coordinate improving the landscaping plans and storm water management with the Rocky Branch project team, and avoid direct discharge of storm water into the stream.*

**Carter-Finley Football Center Sculpture**

Location: West Campus

Representative: Larry Nixon

- + The Student Aid Association has commissioned an artist to create a sculpture for the new Carter-Finley Stadium Football Center. The planned completion date of the building is next season.
- + The location of the sculpture would be in the plaza area, approximately 100-feet from the building.
- + The design consists of a 28-foot high sculpture of five to six bronze wolves (at 1.75 scale) on a natural stone feature with a water element off two or three of the sides. Several of these sculptures have already been cast.

Comments:

The Panel was concerned with security precautions that would prevent vandalism.

Action:

*The Panel recommended landscaping the base of the sculpture to impede access, a design that would include lighting the sculpture at night and possibly security cameras.*

**Chiller Plant – Submittal #026**

Location: Centennial Campus

Designer: Brad Peterson – Affiliated Engineering

- + The design team submitted three revised design options of the South elevation for Panel review. One option would add higher windows on the east elevations. Behind the panel on the inside would be piping, air louvers 8-foot diameter duck work and a temporary wall. The design team did not favor windows.
- + The building base, middle and top would consist of brown brick as a base and also visible in the retaining wall of the west elevation, a neutral color metal panel system along the top that would sustain continuity for the building expansion.
- + The revised landscape plans adjust the sidewalk alignment and includes a mulch path for shortcuts. Serpentine walks would be tighter and piping would be added to the basement walk area.
- + The building design would consist of aluminum trim to define the windows, louvers and the entrance. Window material would consist of clear glass with a low tint that allows visibility from the inside, and would include a glass stair tower with large windows.

Comments:

The Panel was concerned with the design concept for the south and east elevations; the glass stair tower that is visible to a sheet rock wall; the landscaping mulch path; and a tree protection area next to the parking lot.

Actions:

*The Panel recommended approval and concurred with design concept Option A for the north elevation. The Panel also recommended making the east elevation more interesting, improving the glass stair tower, and landscaping options that would eliminate the mulch path.*

**Next Meetings:**

The next meeting is scheduled for:

April 24, 2002 at 1:30 p.m. – Primrose Hall Conference Room

The meeting adjourned at 4:35 p.m.

**MEETING MINUTES  
CAMPUS DESIGN REVIEW  
February 27, 2002  
Primrose Hall Conference Room**

<b>ATTENDEES:</b>	Ken Hanck	Thomas Conway	Garrett Bugg
	Michael McDonnell	Mary Myers	Robert Fraser
	Robert Burns	David Rainer	Lisa Johnson
	Mary Myers	Neil Olson	

Additional Distribution: Ann Goodnight, Flora Grantham and Charles Leffler

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

**1. Approval of Minutes**

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

**2. Master Plan Update**

**Gazebo for Gold/Welch/Smye Courtyard**

Site Location: North Campus

User Representative: Tim Blair, University Housing

Robert Burns briefed the Panel about the collaboration with the student representatives, Tim Blair and the Office of the University Architect, for an alternative to the Gazebo design submitted for review in October. Mr. Burns introduced the student representatives (Joe Ockert, Wendy Michener, and Britne Bucklew) who presented their design concept. Ms. Michener requested the Panel review for approval the design concept to meet the deadline of Commencement 2002, and the requirements for informal and multi-functional space. Wayne Place, with the School of Architecture will assist with structural issues on the project. The student representatives are considering using student labor to defray some of the cost.

The design model is a non-traditional 18' x 18' platform with a butterfly roof, pre-fabricated steps, seating inside the pavilion, and a replaceable free expression pole. The material palette consists of wood constructed in a natural color, lightly stained for protection, and a metal roof – color to be determined. This site already meets the accessible code requirements.

Comments:

The Panel was concerned with the soundness of the structure; how the butterfly roof would sustain all types of weather; the width of the pavilion steps; and measurements of the free expression pole.

Actions:

*The Panel was supportive of the involvement of the student population for this project, and recommended approval of the design concept pending an alternative roof design and changes in the width of the steps leading to the pavilion.*

**3. Projects for Review**

**New Projects:**

**University Apartments – Submittal # 033**

Site Location: Central Campus

Designer Representative: Jane Wright – Hanbury Evans Newill Vlattas

- + The University Apartments project is an apartment village for upper classmen and graduate students.
- + This plan would keep the large trees along Western Boulevard, and create a large landscape feature at the high point of the site.
- + The design consists of buildings arranged around the central hearth, creating a focal point for the neighborhood community.
- + The project consists of 1,200-bed apartments with computer labs, conference space, and common spaces.
- + Vehicle parking at this site would be located along Gorman Street.

Comments:

The Panel was concerned that the southeast buildings were not linked to the community; accessibility of emergency vehicles to this site; how the All Campus Path would connect this site to campus; and the design of the building main entrances.

Actions:

*The Panel recommended the designer submit for review plans that link the southeast buildings to the neighborhood; alternative designs for the building main entrances; alternative window designs; and plans detailing the All Campus Paths.*

**Telecommunications Building – Submittal #034**

Site Location: Central Campus

Designer: Ron Collier –Alpha Collier

- + The Telecommunications Building would add the similar amount of square footage to the existing Telecom building.
- + This building is planned as a secure facility that would house communication services, telephone switchgear, data and cable wiring for campus.
- + Several utility lines cross the site, making locating the building a challenge.

Comments:

The Panel was concerned with how the Telecommunications Building would be accessed, the view of the elevations from the street, how the existing utility lines will impact this project; and plans to manage storm water at this site.

Actions:

*The Panel recommended the designer submit for review a material palette; a landscape plan; an alternative elevation design; how storm water would be managed and plans to resolve the utility site conditions.*

**Project Updates:**

**Flex Laboratory Building – Submittal #031**

Site Location: South Campus

Designer: Chris Holm – The Haskell Company  
 Larry Pressley – Flad & Associates

- + The site plans have been revised to create more landscaping, leaving the area natural with a dry pond, grass swales and a larger buffer to avoid disturbing the fiber optical ductbank.
- + The entrance pavilion plans are revised and simplified. A pedestrian path will connect the bus stop with the mail kiosk.
- + The ribbon window design was revised to a punched scheme three feet in height. The entry lobbies would have larger windows in the entry area.
- + This plan would create a pedestrian walkway throughout the site from the bike path to Avent Ferry Road.
- + The building base has not been fully developed, the design team discussed using a flash brick approximately three feet from the ground.

Comments:

The Panel was concerned with the location of the pedestrian pathways; how storm water would be managed at the site; plans have not addressed the building base, middle and top concept; and the orientation of the mail kiosk with the buildings.

Action:

*The Panel recommended approval of the project with the following directives, submit a site plan that outlines the pedestrian paths and storm water management; refined elevations of the building base, middle and top; and a detail material palette for review.*

**Coliseum Parking Deck Expansion – Submittal #027**

Site Location: Central Campus

Designer: Dean Penny – Kimley-Horn and Associates

- + The Coliseum Parking Deck plans have been revised to increase the distance of the express ramp from Dunn/Jeter intersection and the stair tower. During construction it would be an entrance and exit ramp, after construction it would be reduced on a permanent basis to a 30-foot entrance ramp.
- + The revised plans would extent the elevation on Jeter to the fifth parking bay; and eliminated the arch on the Cates/Jeter corner of the deck.
- + Design team would use brick to strike a plane on the horizontal lines between the existing deck and the new deck.
- + There would be a net gain of approximately 684 new parking spaces at this site.
- + The plan would add sidewalks and landscaping along Jenkins, and leave the landscaping on Cates Avenue undisturbed.
- + Accessible route from Dunn Avenue to Cates Avenue would include the elevator in the deck. The sidewalk along Jeter is not accessible.

Comments:

The Panel was concerned with the brick detail of the deck expansion; the material planned for the express ramp; would the dimensions of the exiting ramp match those planned for the new deck; and the layout of the parking spaces.

Action:

*The Panel recommended approval with the following directives: submit for review a material palette; a plan that outlines the net gain of the parking spaces; and reduce the width of the exit ramp on the existing parking deck.*

**4. PROJECT SCOPE STATEMENTS**

Lisa Johnson distributed the Riddick Laboratory Renovations, Daniels Hall Renovations, Jordan Hall Addition and West Research Annex project scopes for Panel review. Ms. Johnson informed the Panel that the revised project scope statements now identify both the project manager and the design team. During the renovations of Riddick Laboratory the building would be completely vacated, and the Daniels Hall building would be partially

vacated. The design elements of these two projects would encompass the design team reviewing the Physical Master Plan for this area of North Campus.

The south side of Riddick Stadium along with two other buildings would be demolished at this site to make this area more inviting. A new hearth and vehicle service entrance, All Campus Path and a Stinson Path along with the TTA station are projects included in the Master Plan. There are lots of accessibility and pedestrian flow issues for the designers to resolve.

Jordan Hall is located on the Central Campus and the design team would be challenged to make this a neighborhood site. The scope would include better pedestrian and vehicle access, improved pedestrian interaction and increased pedestrian flow by making use of the area located at the back of the buildings. The design team is working with University Housing for their input on improvements for this site.

West Research Annex is located on West Campus and the design concept for this project includes future master planning of the entire area. The design plan would create a neighborhood with a controlled open space; improved vehicle access; and create storm water management at this site.

**5. Next Meetings:**

The next meeting is scheduled for:

March 30, 2002 at 1:30 p.m. – Primrose Hall Conference Room

The meeting adjourned at 4:35 p.m.

**MEETING MINUTES  
CAMPUS DESIGN REVIEW  
January 30, 2002  
Primrose Hall Conference Room**

<b>ATTENDEES:</b>	Ann Goodnight	Robert Burns	Lisa Johnson
	Flora Grantham	Mary Myers	Robert Fraser
	Ken Hanck	Charles Leffler	
	Michael McDonnell	Garrett Bugg	

Additional Distribution: Thomas Conway, David Rainer and Neil Olson

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

**1. Approval of Minutes**

The minutes of the November 28, 2001 meeting were approved as written.

**2. Design Studio Overview**

Mary Myers presented the Design Studio update for this semester. In its third year, the Studio continues working with the Office of the University Architect in assisting with the physical design of campus – buildings, transportation, etc. Last semester the Studio worked on projects that included the new Regional Rail Transit Station, an alternative Master Plan for North Campus and various projects that proposed different uses such as classroom and housing in the same building.

Ms. Myers introduced Joel Osgood and David Cera who developed a project on the site of North Hall. The design would locate businesses along Hillsborough Street with underground parking. The design would include housing along the residential side of the site and greenway connections through the site to the Bell Tower.

Robert Burns stated that the Design Studio plans to focus on the concept of housing villages on Central Campus this semester, and to provide opportunities for more intramural activities for those living on campus.

Comments:

The Panel was concerned with parking that would be displaced from in front of the businesses along Hillsborough Street.

Actions:

*The Panel welcomed the opportunity for the Design Studio to share their design ideas at upcoming meetings.*

**MASTER PLAN UPDATES**

**Gazebo**

Site Location: North Campus

User Representative: Tim Blair, University Housing

Robert Burns presented an update for the Gazebo project. He is coordinating meetings with the Gold/Welch/Syme student group and Tim Blair. They are struggling to meet the deadline of completing this project before this year’s commencement. Mary Myers is working as a consultant on the site plans for this project.

**Pullen / Stinson Roundabout**

Michael Harwood distributed for review the plan for the Pullen / Stinson Roundabout which is a partnership between the University, City of Raleigh, business owners and nearby residents. The roundabout is planned to improve the vehicle traffic flow onto campus and improve pedestrian safety at this site. Pullen Park would also get a new entrance. Landscaping is planned to prevent pedestrian crossing anywhere other than the crosswalk. The University is giving up a little acreage to make this project operable. Of the \$360,000 funds budgeted, the Chancellor has committed \$180,000. This project is planned for construction this summer while the students are on break.

Comments:

The Panel was concerned with traffic flow and pedestrian movement, how would a sight-impaired person know when it’s safe to cross, and would the roundabout displace any of the current vehicle parking?

Actions:

*The Panel requested the designer submit for review a site line study, and suggested a hardscape design for the roundabout splitter islands.*

**New Projects:**

**Doak Baseball and Tennis Facilities – Submittal # 030**

Site Location: Central Campus

Designer Representative: Douglas Hall – NBBJ of NC

- + The baseball plan would shift the entire baseball field 30-ft, it would lower the field area and move the concourse seats down to field level.

- + This design would create a ravine for storm water management at the south end of the field adjacent to the soccer field.
- + The baseball facility would consist of a field house, locker room, vertical stair for an upper level coaches' office, and a lounge with a view of the field. There would be press boxes with a TV/radio booth, bathrooms, tiered seating, access to the field house directly to/from the field and a new ticket booth.
- + The tennis facility would consist of four courts, enclosed offices and meeting rooms.
- + The material palette would reuse some of the existing stone; include brick, metal and storefront window systems.

Comments:

The Panel was concerned with the safety of the baseball facility – as there are no plans for padding the backfield wall; the elevation of the back wall; visibility of this project from Rocky Branch along Sullivan Drive; how to catch storm water into the ravine; and plans for storing the field equipment.

Actions:

*The Panel recommend the designer address the landscaping along the Rocky Branch side of this project, submit a design that would break up the elevation with vertical brick elements on the Sullivan Drive side, and refinement of the south elevation for a richer treatment.*

**Flex Laboratory Building – Submittal #031**

Site Location: South Campus

Designer: Chris Holm – The Haskell Company

- + The Flex Laboratory project is a design/build structure for the University. The site is located at Avent Ferry Road and Varsity Drive and slopes 20 feet toward Avent Ferry. It will be used for swing space initially and then for research occupants.
- + The site plan main entrance would be along Varsity Drive, which would also have bus vehicle access, pedestrian and bike trails, a hearth with a mail facility kiosk and an open plaza for pedestrian use.
- + The landscape plan saves existing trees by minimizing the amount of grading. Approximately 111 parking spaces will be provided, located all around the facility.
- + The building design consists of ten 5,000sf modules. Each of the modules are planned to be self-supportive for use by separate tenants.
- + The building materials palette consists of metal, brick, and horizontal ribbon glass storefront windows.

Comments:

The Panel was concerned with how pedestrians would flow from the bus stop on Varsity Drive to the building; the horizontal ribbon windows; and the location of the parking spaces.

Action:

*The Panel recommended the designer submit for review a plan that would enhance the project hearth, a revised window design; redesign the kiosk, and replace the parking with landscaping in the front of the building.*

**Public Safety Building – Submittal #032**

Site Location: North Campus

Designer: Joe Harris – Moseley Harris & McClintock

- + The primary function for this building is for the Campus Police and Fire Protection staffs. The site location is along Varsity Drive, between Western Boulevard and Sullivan Drive. It would connect to the existing Environmental Health and Safety building.
- + There is a strong need for both distinct public and staff entrances to the building in addition to secure outdoor space for staff use.
- + Staff parking would be fenced in and located in the back of the building, and also an enclosure for the mechanical elements and trash receptors. Public parking would be located in front of the building with the entrance off of the existing road.
- + Building materials palette would consist of brick, high secure windows (lower windows are under study) with a galvanized material underneath, and a canopy to connect with the EH&S building.
- + The design concept includes a raised ceiling classroom/training room near the building entrance for use by the entire University.

Comments:

The Panel was concerned with the height of the windows, the design of the canopy that connects both of the buildings and the location of the public vehicle parking.

Action:

*The Panel recommended design revisions that would have a base, middle and top and larger windows, extend the canopy to the end of the EH&S building, and relocate vehicle parking to both sides of the road.*

**3. Next Meetings:**

The next meeting is scheduled for:

February 27, 2002 at 1:30 p.m. – Primrose Hall Conference Room

The meeting adjourned at 4:35 p.m.