

**MEETING MINUTES
CAMPUS DESIGN REVIEW PANEL
November 29, 2000
Primrose Hall Conference Room**

ATTENDEES:	Butch Wilson	Michael Harwood
	Flora Grantham	Robert Burns
	Charles Leffler	David Rainer
	Michael McDonnell	Mary Myers
	Thomas Conway	David Rainer
	Garrett Bugg	Neil Olson
	Ken Hanck	Lisa Johnson

Additional Distribution: Robert Fraser

Michael Harwood welcomed the Panel to the meeting at 1:10 p.m. The Panel discussed the material distributed for the meeting. Mary Myers noted the discrepancy in her title on the contact information document, which should be assistant professor.

Mr. Harwood introduced Lisa Johnson, Associate University Architect to the Panel. Ms. Johnson will serve as an adjunct member of the Panel effective December 1, 2000.

1. Approval of Minutes

The minutes of October 25, 2000 were approved as written.

2. Projects for Review

- **Updates**

North Shores Residential – Submittal # 007

Site Location: Centennial Campus

Design Representatives: Bill Bentsen of Comstock Homes and Istvan Peteranecz of the Lessard Architectural Group

- + The location for this project will have Wolfline bus access with bus shelters. All of the roads planned for this project will have either on-street parking or narrow alleys without parking.
- + The project includes a landscape buffer along the edge of the site to screen parking from view looking both in and out.
- + The common amenities include a swimming pool with a deck and a recreation room.

- + Three material sample boards were presented (the condo buildings and townhouses use the same materials): the front of the buildings will be flash red brick with a light grey brick base; stucco trimmed accents; and a stepped gable roof.
- + The windows will consist of clear glass and aluminum frames. The balcony railings will also be green, matching the window frames.
- + The floor plans have lots of flexibility multiple options and features that can be customized by the customers.
- + The top floor of the townhouses includes an exterior deck surface. The condo buildings will have large, common deck space on the roof with elevator access.
- + The mechanical elements for the condos are on the roof. The units for the townhouses are outside the garage areas.

Comments:

The Panel noted that there are logistics being worked out, and discussed whether or not the design team should proceed with the design to meet their deadline for marketing materials. Concern was expressed with the landscaping, brick details, and site topography.

Actions:

The Panel recommended that the design proceed with continuing coordination with the University Architect. Updated grading information revisions to window details, and landscaping information was requested.

3. Status of Projects in Planning

- **Alumni Center**

Coordination of the Panel's design concerns will be addressed at the meeting with the Alumni Association on 11/30/00.

- **Carter Finley Scoreboard**

The Athletics department held a meeting on Monday, November 27, 2000 to discuss the budget overage of approximately \$200,000. The architects will update the Panel at the next meeting.

- **Upcoming Projects**

- Venture IV
- College of Engineering Relocation
- College of Veterinary Medicine
- Sullivan Operation Site

4. Campus Design Studio

The Panel was invited to attend the student's final design review scheduled for December 13, 1-6 p.m. at the College of Design.

- + There is an engagement between Facilities and the Campus Design Studio. The goal of the engagement is for the students to be hands and feet for the Facilities staff.
- + The Facilities Department has funded a graduate student to help translate the best designs from the Campus Design Studio.
- + The studio has focused on South Campus as a connection between the Main Campus and Centennial Campus.
- + Adam Gross, a campus master planning expert, gave a talk to the Campus Design Studio before Thanksgiving.
- + Campus Design Studio would like to establish interactions with other colleges at the university.

3. Next Meetings

The spring meetings are scheduled for the last Wednesday of each month. It was suggested that the meeting time change to begin at 1:30 p.m. starting with the January meeting.

The Panel concurred and the next meeting is scheduled for:

Wednesday, January 24, 2000 at 1:30 p.m. – Primrose Hall Conference Room

The meeting adjourned at 3:49 p.m.

MEETING MINUTES
CAMPUS DESIGN REVIEW PANEL
November 17, 1999

ATTENDEES:	Butch Wilson	Robert Burns
	Kenneth Hanck	David Rainer
	Neil Olson	Richard Robb
	Mary Myers	Charles Leffler
	A'Shawn Hines	Michael McDonnell
	Thomas Conway	Michael Harwood

1. – Approval of Minutes Minutes from the October 15th meeting were presented by Michael Harwood and were accepted as presented.

2. – Panel Procedures In order to accurately track the progress of a project, two new forms, the Project Review Matrix and the Designer's Submittal Checklist, have been developed. Examples of these were distributed to the Panel members.

A. Project Review Matrix

- The matrix includes the project name, scope and designer's name, as well as the dates that the project was presented to and approved by the Trustees' Buildings and Property Committee, since the projects that the Panel will be reviewing closely follow those that are being reviewed by the Trustees.
- The matrix will be filled out for each project that is in the design process. Comments and suggestions were made that are aimed at making the matrix a more efficient tool.
- Future versions of the form will identify upcoming projects for review as well as the anticipated construction beginning and ending dates. A revised copy of the form is attached.

B. Designer's Submittal Checklist

- This form is to be used by the Panel to clarify issues during the designer's presentation. It includes a brief description of the project, the name of the designer, and the project scope, as well as key factors to be considered and comments.
- This checklist will be sent to the designer of the project to be filled out prior to the CDRP meeting and sent to Panel members with the advance mailings.
- The form will be revised to highlight how each project addresses key Physical Master Plan concepts. Distinctions will be made between information provided by the designer and notes taken by Panel members.

3. – Master Plan Overview

A. Planning Activities

- Activities that are paralleling the development of the Physical Master Plan update include a housing study, the relocation of the College of Engineering to Centennial Campus, a new Master Plan for the College of Veterinary Medicine, development on Centennial Campus (Venture Center, Town Center, Conference Center and Golf Course), Transportation and Parking Demand Study, and facilities upgrades to several athletics venues.

B. Hillsborough Partnership

- This program sprang from mutual concerns about the problems that exist on Hillsborough Street. The partnership includes neighbors, merchants, NC State, and City of Raleigh officials. Its purpose is to develop a plan for the Hillsborough Street area that would be beneficial to all involved parties.

C. Physical Master Plan – 1999 Edition

- The 1999 Edition of the Physical Master Plan has its foundation in the 1994 Edition. The current draft includes all previous material, plus sections on the strategic phasing plan and campus design maps. The revised draft will be available in late January for presentations around campus.

D. Precinct Plans

- A new tool for describing the the vision of the completed campus.

4. – Project Briefs A copy of the project brief for the College of Engineering Relocation to Centennial Campus was given to each member. There was some discussion on how this tool can be useful in the approval process. This brief will include topics such as site, budget, program, organizing concepts and utilities.

5. – Projects for Review The designers for the East Campus Dining Project and the Surplus Warehouse Addition projects were on hand to give the Panel detailed information about the project that they are working on and to address any questions and/or concerns related to that project.

A. East Campus Dining Facility

- Location - Central Campus Precinct
- Designer representative – Jeff Huberman, Gantt, Huberman Architects
- Renovation and addition to existing building

- Specific topics of discussion
 - + Project provides needed dining space at the East end of campus
 - + Dining area seats approximately 220 people
 - + New elevator needed for access to offices on floors 2, 3 and 4
 - + Screening of air handling equipment on roof
 - + Landscaping to soften wall at kitchen location
 - + Proposed window types not consistent with existing windows – Designer to submit alternative designs
 - + Roof material for entire building to be selected concurrently
 - + Future renovation needs will be considered when making decisions pertaining to this renovation

B. Surplus Warehouse Addition

- Location - West Campus Precinct
- Designer Representative – Charles Mickelsen, Lucien Roughton Architects
- Addition to existing warehouse building
- Specific topics of discussion
 - + Project satisfies demand from successful warehouse facility
 - + Large retaining wall – precast masonry – 30 feet at the highest point
 - + Parking lot located across the road
 - + Handicap access from parking
 - + Need for ADA entrance with some accessible parking at new entrance – designer to revise location of accessible parking spaces

6. – Campus Design Studio The meeting ended with a review of the work of the Campus Planning Studio in the Brooks Rotunda. The students investigated three sites on campus, incorporating site planning, landscape design and architecture design issues.

**MEETING MINUTES
CAMPUS DESIGN REVIEW PANEL
October 25, 2000
Primrose Hall Conference Room**

ATTENDEES:	Butch Wilson	Michael Harwood
	Flora Grantham	Robert Burns
	Charles Leffler	David Rainer
	Michael McDonnell	Mary Myers
	Thomas Conway	David Rainer
	Garrett Bugg	Neil Olson
	Ken Hanck	

Additional Distribution: Robert Fraser, Lisa Johnson and Herb Paul

Michael Harwood welcomed the Panel to the meeting at 1:05 p.m.

1. Appointment of New Members

Mr. Harwood introduced and welcomed Garrett Bugg, the NC State student member to the Panel. Mr. Bugg will serve a two-year membership term on this panel.

2. File Organization

The members reviewed the file organization of materials with new Panel members, and those who did not attend the September 20, 2000 meeting. Mr. Harwood referred the new Panel members to review the Purpose of the CDRP document located in tab two of the notebooks. The CDRP web site is in the process of being created. Mr. Harwood noted that project briefs have been renamed and will now be called project scope statements.

3. Approval of Minutes

The minutes of June 27, 2000 misspelled Mr. McDonnell's last name as McDonald. The change was noted and the minutes were approved as written.

4. Projects for Review

- **New Projects**

Executive Conference Center/Hotel – Submittal #017

Site Location: Centennial Campus

Design Representatives: Joe Rabun – Rabun Hogan Ota Rasche

+ The theme of the Executive Conference Center is living, leisure and learning.

- + The projects consist of: 255 hotel rooms; 22,000sf of meeting space; and a 200-seat dining room.
- + The entrance drive consists of a hard scape entry dominated with brick, and will share access with the Alumni Center.
- + Service vehicles access is located on the lower level with direct access to the kitchen.
- + Vehicle parking is designed for a 250-space parking deck that could contain up to 400 spaces. Overflow parking will be available between the Conference and the Alumni centers.
- + The proposed exterior building materials are brick with pre-cast accent, a concrete roof overhang, field stone on the base, and stone elements on the levels that lead to the grounds and to the lake.
- + The design team will work with the Executive Conference Center design team for a combined schedule and plans to schedule a meeting for collaborative efforts.

Comments:

The Panel agreed that the fieldstone is not in harmony with Centennial Campus. Concern with the amount of stone element planned for the building, and the levels that lead to the grounds.

Action:

The Panel recommended that the architect add landscaping to the entry plaza. Views of the parking deck are needed to evaluate the impact of that portion of the project. The building material design should consist primarily of red brick with pre-cast accents.

Alumni Center – Submittal #009

Site Location – Centennial Campus

Design Representatives: Tom Calloway - Calloway Johnson Moore & West

- + The site design shows parking spaces in a two-level structure and surface lot at the front of the building.
- + Site plans include a large green space area located between the Alumni Center and Executive Conference Center, with 340-ft of open space between both projects.
- + Service access to the building is through a service road leading directly to the kitchen.
- + The exterior building material is brick with some pre-cast within the brick and hipped roofs.
- + The interior building design of 71,000sf of space and includes: an entrance foyer, Chancellor's reception room, great reception area, and boardroom. Additional office space is available in the third section, which is located in the roof.
- + The mechanical elements will be located on the roof of the building.

Comments:

An open space between this project and the Executive Conference Center is important, but the Panel expressed concerns that 340-ft deviated too far from the earlier agreement of 170-ft. The Panel discussed the viability of having the mechanical elements located on the roof. Concerns were raised as to whether or not the two chimneys on the roof will be functional.

Actions:

The Panel recommended design revisions that include red brick instead of handmade red bricks; a site plan with less than 340-feet between this project and the Alumni Center, and a plan that would screen the mechanical elements on the roof of the building.

Rocky Branch Restoration and Greenway – Submittal #015

Site Location: Central Campus

Design Representatives: Bill Jenkins – Earth Tech

- + The greenway alignment was adjusted to make it more aesthetically appealing.
- + Designer is coordinating efforts with the Sullivan Drive design team to schedule the sewer line relocation in conjunction with that project.
- + Revisions to Bragaw parking lot maintained service vehicle access, increased greenspace along the stream and improved emergency vehicle access.
- + Project will replace the culverts at motor pool operations driveway entrance.
- + The rain garden located between the greenway and Sullivan Drive will be designed to catch the first inch of rainwater.

Comments:

The Panel discussed the landscape plans for this project, and how the plans may impact the other projects in this area, i.e. Armory Shops. Raised concerns with the lighting and safety issues of the pedestrian walkway located so close to the highway. The design plans for relocating the sewer lines on Sullivan Drive and loss of parking spaces in this area.

Actions:

The Panel recommended approval conditional upon reviewing the landscape plans and addressing the lighting/safety issues for the proposed pedestrian walkway.

Future Projects Update:

- Venture IV
- College of Engineering Relocation
- College of Veterinary Medicine
- Sullivan Operation Site

3. Next Meetings

The next meetings are scheduled for:

Wednesday, November 29, 2000 at 1:00 p.m. – Primrose Hall Conference Room

Wednesday, January 24, 2000 at 1:00 p.m. – Primrose Hall Conference Room

The meeting adjourned at 3:49 p.m.

MEETING MINUTES
CAMPUS DESIGN REVIEW PANEL
September 20, 2000
Primrose Conference Room

ATTENDEES:	Butch Wilson	Michael Harwood
	Flora Grantham	Robert Burns
	Charles Leffler	David Rainer
	Michael McDonnell	Mary Myers
	Herb Paul	
 ABSENT:	Thomas Conway	Neil Olson
	Ken Hanck	

Michael Harwood welcomed the Panel to the meeting.

1. Approval of Minutes

The minutes of the June 27, 2000 meeting were approved as written.

- **Appointment of New Members**

The Campus Design Review Panel's new term includes the appointment of Flora Grantham to complete the term of Dick Robb. Michael McDonald has been re-appointed for a three-year term representing Centennial Campus. The appointment of a new student member is underway.

- **File Organization/New Notebooks**

The Panel discussed suggestions for a new filing system that will include item tabs for the meeting material, and requested an update to the membership list by the October meeting.

2. Projects for Review

- **New Projects**

Carter Finley Stadium Scoreboard – Submittal #016

Site Location: Carter Finley Stadium

Design Representatives: Corley, Redfoot, Zack, Inc.

- + The scoreboard will be located on the north end of the stadium, and will not interfere with future expansion of stadium seating.

- + The design team met with the City of Raleigh regarding the visibility of the scoreboard from Trinity Road. The City requested a berm planted with landscape screening to block any view of the scoreboard from Trinity Road
- + Removal of 12 to 35 trees from the north end will be required to accommodate the scoreboard and site lines for the video screen.

Comments:

The Panel agreed that the design style is not visually compatible with Carter Finley Stadium or the Entertainment and Sports Arena. The amount of information related to advertising should not overshadow the information related to NC State. Concerns were raised about the inconsistency of the typefaces and the correct name for the university.

Action:

The Panel recommended that the architect modify the sign manufacturer's initial images, and return with design revisions that include the correct NC State name, consistency size and style of typeface. Also, review other skin options for the vertical supports and to relocate the advertisements from the center panel (on the side facing the arena).

3. Future Projects Update

- Alumni Building
- Venture IV
- College of Engineering Relocation
- College of Veterinary Medicine
- Sullivan Operation Site

4. Next Meetings

The next meetings are scheduled for:

Wednesday	October 25, 2000 at 1:00 p.m. – Primrose Conference Room
Wednesday	November 29, 2000 at 1:00 p.m. – Primrose Conference Room
Wednesday	January 24, 2000 at 1:00 p.m. – Primrose Conference Room

The meeting adjourned.

MEETING MINUTES
CAMPUS DESIGN REVIEW PANEL
June 27, 2000
Primrose Conference Room

ATTENDEES:	Smedes York	Michael Harwood
	Flora Grantham	Robert Burns
	Charles Leffler	David Rainer
	Michael McDonnell	Kenneth Hank
 ABSENT:	 A'Shawn Hines	 Mary Myers
	Thomas Conway	Neil Olson
	Butch Wilson	

Michael Harwood welcomed the Panel to the meeting. Charles Leffler introduced Herb Paul, Interim Director for Facilities Planning and Design (FP&D) to the Panel. Mr. Paul has an invitation to attend future CDRP meetings. Mr. Harwood explained to the Panel the three Facilities departmental area of responsibility – University Architect is responsible for the planning and programming, FP&D for managing the design and the budget of the project, and Construction Management for administering the construction contracts for the projects.

1. Approval of Minutes

David Rainer indicated that he was not present at the March 22, 2000 meeting. Ken Hanck and Michael McDonnell were in attendance. The changes were noted and the minutes were approved as written.

- **Appointment of New Members**

The Campus Design Review Panel's new term of meetings will begin in September 2000 and appointment for Panel members is underway. The Chancellor will appoint two members – one from Centennial Campus, and one from Central Campus. Michael McDonnell indicated his willingness to serve another term representing the Centennial Campus.

- **File Organization/New Notebooks**

Michael Harwood distributed to the Panel larger notebooks along with a numbered expanding folder for an improved filing system. The expanding folder is number 1-31 to

correspond with the project numbers. Mr. Harwood requested the Panel to forward any suggestions that they may have regarding improvements for the filing system.

2. Physical Master Plan

The Panel received a copy of the completed Physical Master Plan. Mr. Harwood noted the status of the Master Plan for the College of Engineering relocation to Centennial Campus is largely completed, and the CVM Master Plan is coming up for review. The Physical Master Plan is being loaded onto the Facilities Division web site and it should be completed in about three weeks. [The web site is now functional].

Comments:

One method of making sure designers conform to the Physical Master Plan is to refer comments and suggestions during the various stages of the project back to the plan.

3. Projects for Review

- **Updates**

Intermodal Transit Station – North Campus – Submittal #008

Site Location: North Campus Founders Drive (Dan Allen to Horne Street)

Design Representatives: Wilbur Smith Associates and Bell Glazener Design Group

- + The design will take the buses off of Hillsborough Street and onto the campus, except for the intersection of Hillsborough and Horne streets.
- + Two pedestrian plazas will be created – one in front of Patterson Hall and the other at Scott Hall.
- + The design team met with the City of Raleigh regarding the traffic signals, and determined that there is enough time between signals for the buses to make the turn onto Hillsborough Street for travel to CVM, and adjustments to the signals are not warranted.
- + Designer proposed curb and walk modifications at D. H. Hill Library to improve pedestrian access and safety along Founders Drive.
- + The parking spaces along Founders Drive will be relocated to the Dan Allen Parking Deck during the construction.

Comments:

The Panel will review the palette of materials – asphalt, concrete and brick. Requested a schematic design of the bus shelter for review.

Action:

The Panel recommended approved of the design and to review paving material selections and bus shelter designs.

Accessible Route – Court of North Carolina – Submittal #012

Site Location: North Campus

Designer: Kurt Eichenberger

- + Construction for this project is confined to the area in front of the 1911 Building. There is no work planned in the eastern end of the Court, and will not have a significant disruption to the area.
- + The initial phase of the project includes a circular ramp to connect the 1911 Building with the Courtyard at a slope of less than five percent.
- + Later phases of the design will expand the terrace at the top of the hill with wider steps and an outdoor classroom.
- + A neighborhood forum to review the design was held on Wednesday, June 28th at 2:00 p.m. in Caldwell Hall.
- + The area between Poe and Polk halls has been widened to curve back up and into the walkway instead of curving down and going around to eliminate the creation of desire paths.
- + Cycling and the location of bike rails are not an issue for this project.

Comments:

The Panel requested final details of the sidewalks and handrails. The design team should respond to the comments of the neighborhood forum.

Action:

Panel recommended approval of the project, pending the outcome of the neighborhood forum. [The response of the adjacent occupants was very supportive of the plan].

Venture Place – Submittal #013

Site Location: Centennial Campus

Designer Representative: Craig Davis Properties

- + This is the fourth building in the Venture Complex on Centennial Campus. Venture Place is the retail space for this site, and is designed with a path to link all three buildings.
- + Venture Place is a three-story building, adjacent to 5-story buildings, so some of the tenants of the other buildings will have a view of the roof.
- + Service vehicle access is located between the building and the parking deck
- + Designer submitted two options for the lower screen wall of the rear service area.
- + The wall will be built during the fit-up of the foodservice areas.

Comments:

Build the screen wall with the base building. Screen the rooftop equipment from adjacent tenants. Ensure delivery vehicles have adequate access.

Action:

Panel recommended approval of the updated design, with adequate screening of equipment and service activities.

4. Future Projects Update

- Football Center – Carter Finley Stadium
- Executive Conference Center – the Trustees approved the site plan, working out the environmental issues.
- Arnold Palmer Golf Course – The design for the golf course was affecting the schedule for the Conference Center. The tentative schedule for the golf course is as follows:
 - Earth moving - Spring 2001
 - Planting - Fall 2002
 - Opening - Late 2002
- Alumni Center – geographically proximate to the Conference Center. Designers met with the Alumni Committee, and anticipate meeting in August to review design schematics.
- Rocky Branch Restoration & Greenway – coordinating with adjacent utility locations and uses to enhance greenway.

5. Next Meetings

The Panel agreed to start the new slate of meetings in the fall of 2000, with the next meeting scheduled for:

Wednesday	September 20, 2000 at 1:00 p.m. – Primrose Conference Room
Wednesday	October 25, 2000 at 1:00 p.m. – Primrose Conference Room
Wednesday	November 29, 2000 at 1:00 p.m. – Primrose Conference Room
Wednesday	January 24, 2000 at 1:00 p.m. – Primrose Conference Room

The meeting adjourned.

MEETING MINUTES
CAMPUS DESIGN REVIEW PANEL
April 26, 2000
Primrose Conference Room

ATTENDEES:	Robert Burns	Mary Myers
	Thomas Conway	Neil Olson
	Michael Harwood	David Rainer
	Smedes York	Butch Wilson
	Charles Leffer	

ABSENT:	Ken Hanck	Michael M ^c Donnell
	A'Shawn Hines	

Michael Harwood welcomed the Panel to the meeting, and the newly renovated Primrose conference room.

1. Approval of Minutes

The minutes of the March 22, 2000 were approved as written.

2. Campus Design Studio

Robert Burns presented an overview of the spring semester of the Campus Design Studio. The presentation included the student's recent field trip to study colleges and universities in the San Francisco Bay areas.

- + The Studio attempts to build on the knowledge base of each semester, focusing on evaluating the Master Plan. The Studio consists of 12 students each semester equally divided between the fields of architect and landscape architecture.
- + Students working in teams studied the core concepts of the Physical Master Plan. Each student team chose one campus neighborhood, and prepared a user analysis utilizing three tools: behavioral tracking; a perception evaluation survey; and a written survey.
- + The Studio's final project focused on university residential housing in three different neighborhoods – Riddick Stadium, Court of North Carolina and the brickyard.
- + The members of the Panel were invited to join the Studio in future field trips.

3. Master Plan Overview

- **CVM Campus Master Plan**

Michael Harwood presented an update on the CVM Campus Master Plan.

- + The concept is a more dense site design which will embrace corporate research partners, University collaborations and expansion of the CVM facilities to create a new Discovery Center.
- + Two new site entrances are Trinity Road off of Blue Ridge Road and a combined entrance with the University Club off of Hillsborough Street. The future entrance off Trinity Road is currently occupied by the Highway Patrol.
- + Greenways and paths are envisioned to connect the College with other site developments.
- + This site will maintain the existing dairy barns and pastures. However, some of the more isolated pastures maybe lost to development.
- + The CVM Master Plan has three points to consider: 1) Expand the site to 2,000,000 sq. ft. from the 400,000 sq. ft. that exists today; 2) to maintain and reserve the dairy areas; and 3) to develop storm water management strategies for this site.
- + The University Club Board is interested in maintaining membership value and does not want development to displace the existing golf course. They also have expressed an interest in leasing out some of the land to generate income.

CDRP Comments:

The site designers should allow the building occupants a view of the lake. The City of Raleigh's greenway map should guide the location of pedestrian paths. The College's plans for managing the pasture areas should be reflected in the Master Plan.

4. Projects for Review

A. Project Updates

- **North Shore Residential – Submittal #007**

Site Location: Centennial Campus North

Designer Representative: Craig Davis Properties

- + The project schedule is very tight. The developer has requested that the Panel approve the project conceptual design.
- + The updated site plan has changes in three areas: the clubhouse amenity is located within the confines of the lease property; no buildings or clearing is allowed beyond the southern edge of the sewage easement; and the site entrance has been improved.

CDRP Comments:

Review of the final detailing of the buildings, addressing the greenway and storm water management issues.

Panel agreed to conditionally approve the concepts and to receive future updates.

- **Beef Educational Unit (BEU) – Submittal #011**

Site Location: The Lake Wheeler Road Field Lab

Designer Representative: Lucien Roughton Architects

- + Storm water from the roofs of the buildings will be discharged into two or more gravel and riprap silt basins.
- + The updated project design includes trees in each of the parking areas. They will be protected from damage by the cattle.
- + The designer submitted three building color schemes in response to the Panel's concern about the extensive use of red metal.

CDRP Comments:

The environmental permit application process will address the storm water management concern. Scheme-B is preferable of the building colors submitted – off white/ash gray walls, gray metal roof, natural gray concrete masonry base and doors and trim painted red.

Panel recommended approval of the proposed design.

- **Undergraduate Science Teaching Lab – Submittal #010**

Location: North Campus

Design Representatives: Little & Associates

- + The designer submitted a series of six drawings of the east elevation windows for consideration with a preference for option 6.
- + In addition, three elevations of the stair towers were submitted for review.

CDRP Comments:

The Panel concurred with the designer's choice of windows for the east elevation. Stair tower elevation "A" was preferred.

Panel recommended approval of the project design.

B. New Projects

- **Accessible Route – The Court of North Carolina – Submittal #012**

Site Location: North Campus

Design Representatives: Kurt Eichenberger

- + The project scope is to provide an accessible route from the 1911 building to Caldwell Hall.
- + The design includes a circular mound with a small retaining wall.
- + A wide curvilinear path with a 5% grade is located at the western end of the Court, in conjunction with several sets of steps.
- + A new terrace in front of the 1911 Building, enlarged with steps and new landscaping deferred to Phase II construction.
- + The brick wall which will consist of patterning similar to the details of the 1911 Building.

CDRP Comments:

The Panel would like the new paths to closely match the natural desire lines. Asphalt paths are not acceptable they do not meet the requirements of the Master Plan. Plan for an additive alternative for brick paths. Wall and railing details will be very important. Adjacent building occupants should be made aware of this project and have opportunities for input.

Panel requested additional analysis of the traffic flow utilizing existing paths, and how the new design will connect with the existing lines. Submit details of the railing and wall materials for this project. Invite surrounding building occupants to an informational forum on the project.

- **Venture Place – Submittal #13**

Site Location: Centennial Campus

Design Representatives: Craig Davis Properties

- + This project is the smallest building in the Venture Center. It will be constructed at the edge of the existing courtyard with the first floor devoted entirely to food service.
- + The height of this building is lower than the adjacent buildings, and some of the tenants will look down and view the roof. The design plan is to keep the roof as clean as possible.
- + Building materials will match the adjacent existing buildings in Venture Center.
- + The entire site is accessible with a gentle slope, which will not require handrails.

CDRP Comments:

Ameliorate the roof top view from adjacent buildings. Submit a rear elevation design of the building. Review design concepts of the courtyard landscaping, with more information about location of the trees, and if there are plans for trees at the accessible entrances.

Panel requested additional information for review and prior to a final recommendation.

- **Information Booth – Submittal #14**

Site Location: Centennial Campus

Design Representatives: Ballentine & Associates

- + The information booth is designed to give information to visitors about any property on Centennial Campus as well as issue parking passes. This booth will not be manned at all hours and therefore is not gated.
- + The building materials are glass, brick, and metal with a roof overhang.
- + A large campus map for orientation will be installed at one end of the booth.

CDRP Comments:

The Panel had no comments about this project.

Panel recommended approval of this project.

- **Rocky Branch Restoration & Greenway – Submittal #015**

Location: Central Campus

Design Representatives: Earth Tech

- + The stream runs west to east flowing along the creek from Gorman Street to Dan Allen Drive. The plan is to restore the stream, add a greenway, to improve storm water management and to provide an educational resource for the campus.
- + This site connects with the City of Raleigh storm water management system.
- + This project is adjacent to the Sullivan Street and Armory Shop projects, so the designer wishes to coordinate and share schematic drawings with the design teams for these two projects.
- + The site will be improved by developing landscape and re-vegetation areas.
- + Additional information is needed about the geography of this site, i.e., greenway, areas of slopping, locations where walls will be necessary and the impact this project will have on the pond.

CDRP Comments:

The Panel is interested in more information about the landscaping, greenway configuration and the stream characteristics. Coordinate the plans for the Armory Shop with this project. This project should meet the Master Plan requirements of not having a parking lot as the primary view, but green space instead.

The Panel requested additional information and a resubmission.

5. Future Projects

The following projects are scheduled for review at upcoming meetings:

- Recruitment Center – Carter Finley Stadium
- Executive Conference Center & Golf Course – Centennial Campus

6. Next Meetings

The next Panel meeting will be held in the Primrose Hall conference room on the following date:

Tuesday, June 27 – 1:00 until 4:30

The Panel will not meet in July, meetings will begin for the new term in August 2000.

MEETING MINUTES
CAMPUS DESIGN REVIEW PANEL
March 22, 2000
Chancellor's Conference Room – Holladay Hall

ATTENDEES: Robert Burns Mary Myers
 Thomas Conway Neil Olson
 Michael McDonnell David Rainer
 Michael Harwood Butch Wilson
 Charles Leffler

ABSENT: A'Shawn Hines, Michael McDonnell, Richard Robb

Michael Harwood welcomed the Panel, and thanked everyone for their assistance in hitting our stride for completion of the Master Plan.

1. Approval of Minutes

The minutes were approved with the following changes – the dates for the next meetings are Wednesday, April 26, 2000 and May 24, 2000. The meetings will be held in Primrose Hall. The Panel approved white window frames and trim for the replacement windows at Watauga Residence Hall.

2. Master Plan Overview

The Panel viewed the presentation of the Physical Master Plan, which has been shared with the Faculty, Staff and Student Senates as well as other campus groups. The plan has received positive feedback from all of the groups.

The Board of Trustees' Buildings & Property Committee is scheduled to review the plan at their meeting on April 27, 2000. The Master Plan is available on the Web, and a hardcopy of the final Physical Master Plan will be distributed to CDRP members.

3. Projects for Review

A. Project Updates

- **North Shore Residential – Submittal #007**
Site Location: Centennial Campus North
Designer Representative: Craig Davis of Craig Davis Properties

- + The design team revised the drawings to incorporate previous comments from CDRP review.
- + The concept has been revised to eliminate the village homes – resulting in approximately 356 condominium and townhouse dwelling units on a 15-acred elevated site.
- + Design concepts for the streets are to meet City of Raleigh zoning codes, have Wolfline bus access, and not be gated.
- + Building designs have been coordinated together, and all of the buildings share some common elements and details (brick base, window types, roof and parapets).
- + Berm sections and landscaping have been added to the project perimeter in order to hide the street level parking, and improve the view from the Greenway.
- + Clubhouse amenity is located outside of lease premises.

CDRP Comments:

Location of clubhouse/pool must be within 15 acres of the project. Grading and landscape plans that describe storm water management strategies for the site need to be part of the submission, along with more realistic views of the project from the lake and pond. Concern was expressed about not enough open space and green space in the project.

Panel requested revised drawings by April 14, 2000 in order to recommend approval at the next meeting.

B. New Projects

- **The Alumni Center – Submittal #009**

Site Location: Centennial Campus

Design Representative: Calloway Johnson Moore West

- + Located on the south side of Lake Raleigh, adjacent to the hotel/conference center.
- + Two options for parking presented – combination surface and structured parking, versus all structured.
- + Building is purposely residential in appearance.
- + Service vehicle access is separated from the main building entrance.
- + Program allows for some building expansion for growth of staff, meetings and dining room space.
- + The Great Hall designed as a living room, with a large fireplace as an amenity. Fireplaces in the meeting rooms will be eliminated.

CDRP Comments:

The Alumni Center designer needs to collaborate with Conference Center designer to create a new neighborhood with both projects in harmony. Building

design needs to be simplified – building massing, roof forms and entry sequence. Building entrance should be more appealing by reducing amount of parking at front door. As building continues to evolve, ground level views of each side of the building need to be reviewed.

Panel requested a revised design proposal including material samples.

- **Intermodal Transit System – Submittal #008**

Site Location: North Campus Founders Drive (Dan Allen Drive to Horne Street)

Design Representatives: Wilbur Smith Associates and Bell Glazener Design Group

- + Project scope involves moving the six-bus layover system (three bays east of, and three bays west of Gardner Street gateway). Design will require relocating 100 parking spaces.
- + Horticulture teaching garden in front of Kilgore Hall will not be harmed. Bus shelters and sidewalk will not interfere with plants.
- + Traffic pattern on Founders Drive would be one way between Dan Allen and Gardner Streets. Wolfline will have a separate phase of traffic signals (40-second light) at Horne Street.
- + Design will allow buses to turn around in front of D. H. Hill Library and from that point travel west to CVM.

CDRP Comments:

Pavement markings and material should make it clear what are the vehicle and pedestrian areas. Design plan should address pedestrian safety in front of the library. The design of the bus shelters and other street furniture needs to be reviewed.

Panel requested revised drawings for review and recommendation.

- **Beef Educational Unit (BEU) – Submittal #011**

Site Location: The Lake Wheeler Road Field Lab

Design Representatives: Lucien Roughton Architects

- + Program involves relocating the BEU from Reedy Creek to Lake Wheeler Road Field Laboratory.
- + This site is adjacent to two water areas that drain into Yates Mill Pond.
- + Site is void of vegetation except for three existing trees.
- + The classroom/office space and barns are connected by walkways, this design will separate the drainage process from other buildings.
- + Natural ventilation used to cool the barns.

- + The commodity shed for storing feed will be located close to the research arena for easy access and traffic flow.
- + Building materials are concrete foundation walls, red metal walls and galvanized roofs.

CDRP Comments:

Add landscaping, especially in the parking area. Explore alternative colors to red metal. Describe storm water management strategies for the site.

Panel requested revised drawings for review and recommendation for approval at the next meeting.

- **Undergraduate Science Teaching Lab – Submittal #010**

Location: North Campus – Western End

Design Representatives: Little & Associates

This project is in the design development stage. Full design scale is expected by the end of April 2000. This site is a creation of a new neighborhood. A campus study to review three spaces for development determined this site the best location.

- + Enhance an existing academic neighborhood around a new open space. Main entrance opens to the courtyard space and improves the whole notion of the building.
- + Building is transparent with an atrium, computer lab and study space on the ground floor. Additional lounge space on other floors.
- + Two egress stairs at each end of the building are open to natural light. The further up you go in the building, the more sunlight.
- + Building materials are similar to surrounding materials – red brick, white window mullions and pre-cast trim. Greenhouse window frames will be the same color as the building mullions.

CDRP Comments:

The design team exhibited a depth of knowledge of the Master Plan that was very refreshing. Revise the design of the roof and window line on the stair towers. Add more windows to the east elevation.

Panel requested revised sketches of the towers and the east elevation for review and recommendation of approval of the proposed design at the next meeting.

4. Future Projects

The following projects are scheduled for review at upcoming meetings:

- Venture Place
- Accessible Route – Court of North Carolina
- Rocky Branch Greenway

5. Next Meetings

The next series of Panel meetings will be held in the Primrose Hall conference room on the following dates:

Wednesday, April 26, 2000 – 1:00 until 4:30

Wednesday, May 24, 2000 – 1:00 until 4:30

**MEETING MINUTES
CAMPUS DESIGN REVIEW PANEL
February 1, 2000**

ATTENDEES: Butch Wilson Robert Burns
David Rainer Neil Olson
Mary Myers Charles Leffler
Michael McDonnell Thomas Conway
Michael Harwood

ABSENT: Ken Hanck, A'Shawn Hines, Richard Robb

Michael Harwood distributed copies of the agenda along with a Table of Contents for the member's notebooks. These will aid in organizing the various documents related to the projects, which are presented to the Panel.

1. – Approval of Minutes Minutes from the November 17, 1999 meeting were presented by Mr. Harwood and were accepted as presented.

2. – Master Plan Overview The Panel was updated on the final draft of the Physical Master Plan [which was delivered on February 16th and presented to the Board of Trustees on February 17th by Michael Harwood]. In addition to the hardcopy, the Physical Master Plan will be available on the Web. A presentation has been prepared to explain the process and describe the finished product. [This presentation has already been shown to The University Council and the Buildings and Property Committee, and it will continue to be presented to a variety of groups]. An Executive Summary copy of the plan is included with these minutes. Two specific plans were then presented for general information purposes.

A. College of Veterinary Medicine Master Plan

- Most recent Capital Improvement request was for \$22 million for expansion. \$2 Million has been received for advanced planning activities.
- Physical Master Plan for CVM is part of NC State's commitment to the City of Raleigh, prior to starting any new construction.
- Physical Master Plan will help set parameters for future needs as well as identifying areas where development may occur.
- Emphasizes need and possible solutions for accessibility by customers arriving in vehicles as well as pedestrian traffic.
- Focus is on the College of Veterinary Medicine, while planning for future University and corporate partners to locate there.

B. College of Engineering Relocation to Centennial Campus

- Will include not only College of Engineering but other structures as well.
- Oval is the heart of Centennial Campus

- Most recent Capital Improvement request was for a \$36 million project; \$5 million has been received for advance planning activities.
- Relocation is to be completed in 4 phases:
 - + Phase I - Chemical and Materials Engineering – 120,000 SF
 - + Phase II - Materials Eng., Computer Science Eng., and Electrical Eng. - 328,000 SF.
 - + Phase III - Dean of COE, Industrial Eng., Mech. & A.S. Eng. - 214,000 SF
 - + Phase IV - Chemical Eng. – Civil Eng. - 121,000 SF

3. – Projects for Review

A. Updates

Materials were distributed that reflect changes to the East Campus Dining and the Surplus Warehouse Addition Projects, in response to the Panel's comments at the November meeting.

B. New Projects

The designers for the Avent Ferry Complex, Replacement Railings Project; the Sullivan Residence Hall Canopy Project; the Hillsborough Building and Watauga Residence Hall Window Replacement Projects and the North Shore Residential Project were present to describe those projects to the Panel.

- Avent Ferry Complex Railings Replacement
 - + Location South Campus, at the corner of Western Blvd. and Avent Ferry Rd.
 - + Designer Representative: Donna Francis - Pearce Brinkley Cease + Lee, PA, Raleigh, NC
 - + Existing wrought iron railings rusting out and need to be replaced
 - + New railing is high performance thermoplastic coating on stainless steel tubing
 - + New railing will be black so they will blend in with the existing building, design
 - + Vertical columns do not need to be altered in any way
 - + Railings replaced by cutting away old railing and attaching new railing to existing floor.
 - + Rails 42" high with 2" gap between bottom of rail and floor
 - + *Panel recommended approval*
- Sullivan Residence Hall – Canopy at North End
 - + Location: Central Campus, immediately south of railroad tracks
 - + Designer Representative: Carl Winstead, Winstead Architecture, Raleigh, NC
 - + Existing entrance has no coverage from rain, no lights, not ADA accessible
 - + Materials consistent with existing –broom finish concrete and brushed aluminum rails

- + **CDRP comments** – Canopy structure should be bronze anodized aluminum to match entrance on opposite side of building; evaluate different design styles of railings to determine which is more aesthetic, economical,, and easier to maintain
- + *Panel recommended approval*
- Watauga Residence Hall Window Replacement
 - + Location: North Campus, Mary Yarborough Court
 - + Designer Representative: Wayne Jones, Brown & Jones Architecture
 - + Existing casement windows are painted wood, frames have been warped by weather
 - + Replacement windows are single hung aluminum windows with insulating glass
 - + **CDRP comments** – Use light color for window frames and trim, propose a different trim profile and investigate grouping three windows above door instead of two as proposed
 - + *Panel recommended approval*
- Hillsborough Building
 - + Location: North Campus, North side of Hillsborough St.
 - + Designer Representative: Wayne Jones, Brown & Jones Architecture, Raleigh, NC
 - + Replacement windows replicate existing windows in style and materials
 - + **CDRP Comments** – Use clear anodized aluminum windows with blinds instead of using brick to fill the opening.
 - + *Panel recommended approval*
- North Shore Residential Project
 - + Location: Centennial Campus, N-1 Cluster
 - + Designer Representative: Craig Davis, Craig Davis Properties, Raleigh, NC
 - + Combination of for sale and rental residential units developed on land owned by the NC State with three styles of dwellings
 - ◆ Georgetown Flats
 - ◆ Townhouses
 - ◆ Village Homes
 - + Phase I will include all three styles with occupancy of the first units expected by the end of calendar year 2000
 - + **CDRP comment** – Buildings should relate better to each other, as well as existing buildings on Centennial Campus; views from the lake and adjacent greenway should not be encumbered by roads and parking; location of Village Homes should be re-evaluated
 - + *Panel requested a revised proposal to review*

4. - Future Projects Updated copies of the project matrix were distributed. The following projects are expected to be reviewed in coming meetings:

- Undergraduate Science Teaching Laboratory
- Alumni Center

- Hospitality Boxes at Carter Finley Stadium

5. – Campus Design Studio Work has begun with a new group of students. They are analyzing existing places on campus using the criteria of the 2000 Update of the Physical Master Plan. Upcoming assignments will have the students locating appropriate places for additional housing areas on campus.

6. – Next Meetings The next series of Panel meetings will be held in the Primrose Hall Conference on the following dates:

Wednesday, March 22 1:00 – 4:30 p.m.

Wednesday, April 26 1:00 – 4:30 p.m.

Wednesday, May 27 1:00 – 4:30 p.m.