CAMPUS DESIGN REVIEW
November 20, 2008
Primrose Hall Conference Room

ATTENDEES:	Robin Abrams	Edward Funkhouser	Michael Harwood
	Samuel Collier	David Horning	
	Barbara Doll	Kevin MacNaughton	
	Lawrence Davenport	Barbara Mulkey	

Additional Distribution: Gene Bressler, Timothy Luckadoo and Lisa Johnson

Welcome

Mr. Harwood welcomed the members to the meeting at 8:35 a.m.

1. Minutes

The minutes of the October 29, 2008 meeting were approved as written. Samuel Collier suggested that the Panel emphasis to the Centennial Flexible Research Lab design team the importance of a good landscape plan for the transition space between this project and the Wildlife Resources Commission buildings.

2. New Project:

Alliance Center – #095
Site Location: Centennial Campus
Developer: Craig Davis Properties / Landscape Architect: Little & Little
Developer Representative: Bill Bullock

- The Alliance Center site location is next to the Venture Center at the corner of Main Campus Drive and Varsity Drive on Centennial Campus.
- The project presentation to the Panel is more of a "work in process"– as not all of the design details have been initiated.
- There are extreme grade changes at this location from Varsity Drive, south along Main Campus Drive. There is a severely incised stream to the east of the site.
- Site plans include a 125,000sf building on five floors with a parking deck of approximately 450 parking spaces located at the back of the building, and a service vehicle roundabout that connects to Varsity Drive.
- Plans will maintain the existing pedestrian path through Venture Center, connect with this project along the side of the parking deck and up to Engineering I building.
- Storm water management plans exists in initial development only. The design team is currently reviewing the soil conditions between this project and Engineering Building I.
- The project includes a retail building with space for foodservice and a bookstore. The two story building will contain approximately 10, 000gsf.

Comments:

The Panel discussed and agreed that all future campus buildings meet the requirements of LEED Silver Certification. They also prefer that this project convey more of a 21st Century pedestrian dominated exterior and interior design.

The Panel was concerned with the vehicle and pedestrian circulation throughout the site, and how it will tie into the grade. They discussed options for a viable storm water management system, including a buffer and/or stream. Concerned with the appearance of some Centennial Campus buildings, the Panel prefers future building materials that not only withstand the elements but are also relatively simple to maintain.

Action:

The Panel recommended review of plans that include the LEED checklist; information about the landscape and storm water management plans; and details of the vehicle and pedestrian circulation. They also recommended the design team consider a footprint that increases the amount of user interaction near the building; and submit a sample material palette with maintenance details.

3. Next Meeting:

The next Panel meeting is scheduled for January 28, 2009.

The meeting adjourned at 9:40 A.M.

CAMPUS DESIGN REVIEW
October 29, 2008
Primrose Hall Conference Room

ATTENDEES:	Robin Abrams	Edward Funkhouser	Barbara Mulkey
	Gene Bressler	David Horning	Michael Harwood
	Samuel Collier	Timothy Luckadoo	Lisa Johnson
	Lawrence Davenport	Kevin MacNaughton	

Additional Distribution: Barbara Doll

Welcome

Mr. MacNaughton welcomed the members to the meeting at 2:10 P.M.

2. Minutes

The minutes of the September 24, 2008 meeting were approved as written.

3. New Project:

Centennial Flexible Research Lab – #094
Site Location: Centennial Campus
Developer: Keystone Corporation / Designer: Hager Smith Design
Developer Representative: Reid Tyler / Designer Representative: Tim Smith

- Centennial Flexible Research Lab site location is the corner of Main Campus Drive and Varsity Drive on Centennial Campus. It is west of the Wildlife Resources Commission building, and across the street from Red Hat.
- The Flex Research Lab is a 72,000gsf two-story building with the appearance of a three story building on the north elevation because of the 25ft grade change across the site. The lower level will serve as high bay lab space and a loading dock for the Freedom Center.
- Site plans include a plaza area on the west elevation with furniture for outdoor events. A structured parking deck with 175 spaces located at the rear of the building. The site of this deck is very tight. It will have approximately 2.5ft of separation from the existing parking deck servicing the Wildlife Resources Commission building.
- The main building entrance is located on Main Campus Drive. This two story building will have a roof screen on the lab portion of the structure. Service vehicles will access the Research Lab on Varsity Drive, connecting to the service drive at the Toxicology building.
- The Freedom Center will occupy 20,000sf of space on the first floor. The remainder of the space will be leased to other tenants. This space will be designed as wet lab space. The second floor will serve as leased tenant space.

- This project is being designed towards LEED silver certification with a lighting control system that allows tenants to take advantage of natural light, and adjusts the light levels when the building is occupied and when it's not occupied.

Comments:

The Panel discussed sustainability building options with the design team. Most of the options mentioned by the team required more specific design details. The Panel was interested in the specific strategies that would be employed to meet the LEED sustainability standards.

The Panel was concerned with the existing storm water management system's ability to adequately support rain water run off from this project. Also, they were concerned with the proximity of the parking deck to the exiting Wildlife Resources Commission parking deck.

Action:

The Panel recommended review of plans that include the LEED checklist; information about the irrigation system; and details of the transition space between the parking deck and the Wildlife Resources Commission building.

4. Next Meeting:

The Panel discussed options for rescheduling the next meeting on November 19, 2008. Mr. Harwood requested the members consider meeting on the morning of November 20th to review the Alliance Center, another private development project located on Centennial Campus.

The meeting adjourned at 3:35 P.M.

CAMPUS DESIGN REVIEW
September 24, 2008
Primrose Hall Conference Room

ATTENDEES:	Robin Abrams	David Horning	Michael Harwood
	Gene Bressler	Timothy Luckadoo	Lisa Johnson
	Barbara Doll	Kevin MacNaughton	
	Edward Funkhouser	Barbara Mulkey	

Additional Distribution: Samuel Collier and Lawrence Davenport

Welcome

Mr. Harwood welcomed the members to the meeting at 1:43 P.M.

3. Minutes

The minutes of the August 27, 2008 meeting were approved as written with two minor adjustments.

4. Updated Project:

Court of NC Landscape Renovation – Phase III
Site Location: Main Campus
Designer: Reynolds & Jewell
Designer Representative: Phillip Tripp

- The Panel previously reviewed the plans for Phase III of the Court of NC Landscape Renovation project on July 30, 2008. The Panel requested revised plans that eliminate the flanking seating areas. They also requested additional study of the stair width.
- Plans have been revised to remove the flanking seating areas. The stair width has been increased to 15 feet at the top, and 30 feet on the bottom. The bottom width will be used for seating opportunities. The riser at three of the stair levels will also add seat walls.
- Revised plans also removed the access ramp to improve the existing green space. The outdoor classroom space has been modified to remove the retaining wall, and includes three feet of space for wheelchair access.
- Brick piers have been added to the top of the steps. Also, the termination of the handrail has been increased to 12 inches to deter skateboarding damage.

Comments:

The Panel was concerned with the lack of detail on the stair wall. While they recognize the bottom width of the stair is designed for congregating, it lacks adequate shade trees for this purpose. Also, the plans did not specify the trash receptacles and bench locations.

Action:

*The Panel recommended **approval** of Phase III of the Court of NC Landscape Renovation, They also recommend adding detail to the stair wall, incorporating shade trees on the west side of the site and locating the benches and trash receptacles.*

The Panel also recommended site enhancements that will reflect the Court of North Carolina as an iconic place on campus. Such enhancements would include removing the street parking in front of the 1911 Building, and also replacing the pavement with brick.

5. Status of Projects in Planning

Mr. Harwood informed the Panel of the upcoming projects for review as well as the various approval stages. Some of the projects for review include the 120,000 sf Alliance Center on Centennial Campus. It will perhaps be ready for Panel review at the November meeting. The Math and Statistics building has received donated artwork for SAS. It is being repaired and is a future project for review.

The Panel agreed to a meeting time change of 2:00 P.M. on a trial basis to assist with other scheduling commitments.

6. Next Meeting:

The next meeting will be held on October 29, 2008 at 2:00 P.M.

The meeting adjourned at 2:35 P.M.

CAMPUS DESIGN REVIEW
August 27, 2008
Primrose Hall Conference Room

ATTENDEES:	Robin Abrams	Edward Funkhouser	Michael Harwood
	Gene Bressler	Timothy Luckadoo	
	Samuel Collier	Kevin MacNaughton	
	Barbara Doll	Barbara Mulkey	

Additional Distribution: Lawrence Davenport, David Horning and Lisa Johnson

Welcome

Mr. Harwood welcomed the members to the meeting at 2:40 p.m. He also welcomed Robin Abrams and Gene Bressler and introductions were made to all of the members attending this meeting. Mr. Harwood explained how each member represents one of the various campus regions along with one at large campus representative.

4. Minutes

The minutes of the July 28, 2008 meeting requires a correction, replacing the word "creek" walls to cheek walls in Court of NC Landscape Renovation project. With this correction, the minutes were approved as written.

5. New Project:

Corporate Research I Renovation – MeadWestvaco
Site Location: Centennial Campus
Designer: Perkins & Will
Designer Representative: John Paul Dolan

- Corporate Research I is home to the MeadWestvaco packaging division and is located across from the College of Textiles on Centennial Campus Main Campus Drive. This project will convert the existing large high bay to laboratory and office space.
- The renovations will create academic and office space. It expands the space and usefulness of the building by converting 75% of the floor plan to an open cubical environment and 25% of the floor plan to laboratories.
- Site improvements will remove two of the existing Magnolia trees and add egress access to the high bay area of the building.
- New punched windows will be added to the east building elevation, and will provide more interior daylight for both offices and laboratories. The plans will add one interior sky light to the existing stairs to further improve daylight.

- There are three existing HVAC units on the roof of the building. The unit that feeds the high bay area will be replaced with a new unit to service the renovated space.
- Material palette consists of high performance glass and energy efficient HVAC building units.

Comments:

The Panel was concerned with replacing the Magnolia trees at this site. The Panel recommended recessing the punched windows to create more depth on the façade.

Action:

*The Panel recommended **approval** of the Corporate Research I renovation project.*

2. Updated Project:

University Club
Site Location: Centennial Biomedical Campus
Designer: Wilkinson Winstead
Designer Representative: Carl Winstead

- The Panel's first review of the plans for the University Club Renovation was on July 30, 2008. They were concerned with the orientation of the lap pool and the lack of screening. It was very visible from the vehicle drop off area.
- Site plans were revised to rotate the lap pool, relocate the food facility closer to the tennis court, and increase the green space around the pool deck.
- Revised plans include a raised plaza that better integrates the entry to the building, bridges the gap to the lap pool and the vehicle drop off area.
- The new building entry canopy material palette consists of a red brick base, metal panels with a white plaster finish on the underside. The plaza area will also consist of red brick. The drop off traffic driveway is concrete base as brick is not strong enough.

Comments:

The Panel was concerned with how the new canopy connects with the existing building, making the transition from the old to the new.

Action:

*The Panel recommended **approval** of the University Club renovation project.*

4. Status of Projects in Planning

Mr. Harwood informed the Panel of the upcoming projects for review as well as the various approval stages. Some of the projects for review include: Engineering Building IV and V, Schaub Dairy Parlor and Broughton Hall renovation.

5. Next Meeting:

The next meeting will be held on September 24, 2008 at 1:30 PM.

The meeting adjourned at 4:30 PM.

CAMPUS DESIGN REVIEW
July 30, 2008
Primrose Hall Conference Room

ATTENDEES:	Barbara Doll	Fernando Magallanes	Lisa Johnson
	Edward Funkhouser	Barbara Mulkey	
	David Horning	Paul Tesar	
	Timothy Luckadoo	Michael Harwood	

Additional Distribution: Samuel Collier, Lawrence Davenport and Kevin MacNaughton

Welcome

Mr. Harwood welcomed the members to the meeting at 1:40 p.m.

5. Minutes

The minutes of the April 30, 2008 meeting were approved as written.

6. New Project:

Wolf Plaza Sculpture
Site Location: Central Campus
Artist: Michael Stutz

- The Wolf Plaza Sculpture project will develop an iconic place north of Turlington and Alexander residence buildings on Central Campus. The Wolf Plaza project approved by the panel on January 30, 2008, prepared the landscaping, lighting and pavement in anticipation of this project.
- There are three individual wolf sculptures. Two will be located in the planting areas, and the howling wolf in the paved plaza area. This triangulated placement allows adequate pedestrian engagement with the sculptures and easy access throughout the area. The wolves are approximately five feet in height.
- Material palette consists of individual bronze strips, sealed in wax. The combined strips have approximate four inch openings that curve around the wolf eliminating all sharp edges.

Comments:

The Panel was concerned with how pedestrians would safely interact with the sculptures. They were also concerned with how the site lighting, pathways and plantings will integrate with the sculpture.

Action:

*The Panel recommended **approval** of the sculpture. The artificial path through the landscaped area should be eliminated. The Panel directed the artist to coordinate with Facilities staff on the landscape materials.*

The Eastern 4-H Conference Center
Site Location: Columbia, NC
Designer: MHA Works
Designer Representative: Michael Hining

- The project will create a new LEED certified multi-purpose building at the 4-H Eastern Conference Center near Columbia, North Carolina.
- Orientation of the building will create separate event access for campers and visitors. It increases the types of indoor events held at the center and allows the center to convert existing space into future classrooms.
- Site work includes creating an exterior rock wall, two naturalized vegetation storm water management systems, and pedestrian hardscapes. The current vehicle parking spaces are gravel, and will be paved for accessible parking.
- The main building entrance is located on the south elevation. A second building entrance is located on the west elevation near the drop off area for access to the bathroom facilities.
- The floor plan includes an office, event lobby, dining hall and audio/visual room. The student gymnasium with storage space will connect to the existing cottages.
- Building material consists of insulated tilt-up concrete panels, a brick veneer base, wood post columns, aluminum storefront windows and metal roofing. Interior sound soak panels will be used to control the sound.

Comments:

The site has limited shading and subject to heat from the sun. The panel was concerned that landscaping is inadequate to shade the public areas around the facility. The round patio is not well suited for the function. The location of the storm water BMPs restricts the size and best use of this space.

Action:

*The Panel recommended **approval** of the 4-H Conference Center. They also recommended the design team integrate the BMPs with the landscaped areas, and to include more shade trees. The Panel directed the designer to change the geometry of patio at the building entrance.*

University Club Renovations
Site Location: West Campus
Designer: Winstead Wilkinson
Designer Representative: Carl Winstead

- The University Club Master Plan concept is to renovate the main building, update the kitchen area, and make site improvements for better accessibility. It will also create separate event access to the various buildings by function. An accessible ramp and covered portico will be added to the existing entry.
- Site plans include a new lap pool positioned for socializing near the front entry, between the tennis courts, and a new food service facility.

Comments:

The Panel was concerned that the lap pool and pool deck are too visible from the parking lot. They were also concerned with the scale and materials planned for the front entry portico.

Action:

The Panel recommended review of revised plans that either reorient the new lap pool or screen it from the parking drop off area; and further design development of the front entry landscaping and canopy.

7. Updated Project:

Court of NC Landscape Renovation – Phase III
Site Location: Main Campus
Designer: Reynolds & Jewell
Designer Representative: Phillip Tripp

- The Court of North Carolina phase III landscape renovation will change the view of the 1911 Building. It will add a 25-seat capacity outdoor classroom space, grade the site area to increase accessible connections to many other campus areas, and create a central staircase from the 1911 Building to the courtyard.
- The material palette is similar to the existing palette of phase I and II. Plant species are mid-canopy trees similar to those at the Bell Tower and will include one large specimen tree.
- There are three levels of concrete steps with creek walls to match those of the 1911 Building. At the suggestion of the students, there are wood benches for comfortable seating off each set of stairs.
- An "L" shaped retaining wall will provide additional seating and increase the landing width. There are four brick free-standing pilings at the stair entry and two at the stair landing to match those of the 1911 Building.

Comments:

The Panel was concerned with the amount of lawn being replaced by hardscape material. The Court of NC stair width appears to be too small in comparison to the 1911 Building.

Action:

The Panel recommended review of revised plans that eliminate the flanking seating areas. The Panel requested additional study of the stair width.

4. Next Meeting:

The next meeting will be held on August 27, 2008 at 2:30 PM.

The meeting adjourned at 4:40 PM.

CAMPUS DESIGN REVIEW
April 30, 2008
Primrose Hall Conference Room

ATTENDEES:	Lawrence Davenport	Timothy Luckadoo
	Barbara Doll	Fernando Magallanes
	Edward Funkhouser	Michael Harwood
	David Horning	Lisa Johnson

Additional Distribution: Samuel Collier, Barbara Mulkey, Kevin MacNaughton and Paul Tesar

Welcome

Mr. Harwood welcomed the members to the meeting at 1:40 p.m.

6. Minutes

The minutes of the March 26, 2008 noted the Centennial Biomedical Parking Deck project landscape plans would include Japanese Apricot tree species. Barbara Doll and Fernando Magallanes would like species that are more native to North Carolina such as Magnolia. Otherwise the minutes were approved as written.

3. New Project:

Greek Court Sigma Nu House
Site Location: South Campus
Designer: Gontram Architects
Designer Representative: Ed Gontram

- The Randall L. Ward House of Sigma Nu Fraternity is the first house planned for Greek Village and will be located at Fraternity Court near Dan Allen Drive on South Campus.
- Site development will include storm water management via a retention pond on the south, rain garden or captured rainwater for irrigation. There will also be an open space area for outdoor activities.
- A three-story 29,000 square foot structure will house 20-24 chapter members and will be constructed near the existing house site. Site work will include an accessible sidewalk. Vehicle parking will be located behind the house.
- The Material palette will establish the precedent for this area. The palette consists of a brick veneer with cast stone trim, slopping roof. Each house is required to have a porch. The name of the house will be cast in the concrete above the porch.
- Floor plans consist of living space on the first floor with the bedrooms around the perimeter, plus bedrooms on the upper floor. The basement will include outdoor dining.

- A patio adjacent to the activity room will increase the amount of living space. It will be located on the east side of the house – a shady area away from the vehicle parking spaces.

Comments:

The Panel discussed the planned location of the patio – east versus west; it's functionality within the current floor plans. They recommended placing the patio on the west side of the house to take advantage of the afternoon sun. They also recommended consistent signage, exterior lighting, and building signs. The Panel was concerned about the lack of green space between the building and the parking lot.

Action:

*The Panel recommended **approval** of the plans for the Greek Court Sigma Nu House. Facilities staff will work with the design team to develop the sign and lighting standards.*

Updated Project:

The Shore (North Shore Residential)
Site Location: Centennial Campus
Developer: JDavis
Developer Representative: Bill Bullock

- The Panel approved the townhouse plans for the Shore Residential project on August 29, 2007. Current plans will use the townhouse-approved palette and rework the remaining site to accommodate better parking, improve garage access for a mixed residential development. The new plan will include lake front condos, lofts and lake cottages.
- Revised site plans show shared common space such as a lake, greenway system, and a footbridge. Shared space throughout the site will include benches, lighting, and signs.
- Signature townhouses will improve the look of community throughout the Shore's site up to the lake. A site wall will terminate the outside view into the community. Vehicle parking will be located underneath the townhouses.
- There are three buildings with condos of 32 units located on four floors. Building elevations will articulate the vertical scale of the townhouse. Condos will include some studio and two bedroom units.
- Lake Cottages will be the smallest units on site, and will create a different neighborhood. These are individual detached, street-facing units. They will have a pitched roof.

Comments:

The Panel was concerned about the lack of amenities for the project, adding an entrance from the street for the ground floor condos, and further study of the orientation of the cottages.

Action:

*The Panel recommended **approval** of the architectural plans for the Shore project. They requested a follow-up visit to review the site plan that includes Lake Raleigh and the cottages.*

5. Next Meeting:

The next meeting will be held on July 30, 2008 at 1:30 PM.

The meeting adjourned at 3:25 PM.

CAMPUS DESIGN REVIEW
March 26, 2008
Primrose Hall Conference Room

ATTENDEES:	Samuel Collier	David Horning	Paul Tesar
	Lawrence Davenport	Timothy Luckadoo	Michael Harwood
	Barbara Doll	Barbara Mulkey	Lisa Johnson
	Edward Funkhouser	Kevin MacNaughton	

Additional Distribution: Adam Compton and Fernando Magallanes

Welcome

Mr. Harwood welcomed the members to the meeting at 1:35 p.m. Mr. Lawrence Davenport joined the meeting and introductions were made. Mr. Davenport is the second Trustee member of the Panel.

Mr. Luckadoo informed the panel that Adam Compton was elected senior class president.

7. Minutes

The minutes of the January 30, 2008 meeting were approved as written.

4. New Project:

Greek Village Infrastructure
Site Location: Campus
Designer: Stewart Engineering Inc.
Designer Representative: Grant Smith

- The Greek Village Infrastructure project will redevelop 45 acres of the existing property located on Varsity Drive and Dan Allen Drive on South Campus. The completed project, constructed in phases, will create a subdivision of 20 house lots, community buildings, green space, amphitheatre and a pavilion.
- Current roadwork plans will add a roundabout and a secondary street to the site. Also, plans will realign Marcom Street with Varsity Drive, and provide additional parallel vehicle parking spaces on many of the roads.
- Landscape plans include a central green space – larger than a football field. The design plans for 7,000sf building lots with 35-40ft front yards and ample vehicle parking for each lot.

- There are shifts in the grade at this site, a 75ft drop in the grade overall and a 5ft change in the green space area. The lowest point has been designated the best area to construct a pond to manage storm water.
- Vehicle parking is sufficient at this site. There are approximately 40 spaces per house, a net gain of 115 parking spaces. Also, Wolfline bus service is available onsite.

Comments:

The Panel would prefer the design team consider constructing a wet pond, bioretention pond or rain garden with a wide wetland bench for plants to thrive and improve water quality in this area. It is determined that the best BMPs are in an open area, are more appealing and would receive better maintenance. Also, the Panel suggested using pervious concrete for the lots, and they were concerned with storm water treatment in this area.

Action:

*The Panel recommended **approval** of the infrastructure plans for the Greek Count. They also recommended the design team and the Facilities work together to improve the material planned for the vehicle parking area, and to construction a viable storm water management system at this site.*

Avent Ferry Renovation
Site Location: South Campus
Designer: Davis Kane Architects
Designer Representative: Kevin Kane

- The Avent Ferry project will renovate the interior of the building for two of the departments within the Office of Information Technology. Plans will upgrade the building to meet ADA requirements, address building code deficiencies, and add new windows for improved daylight.
- The main entrance is located on Avent Ferry Road and plans will add a reception area, convert the existing loading dock into a break area, and construct a combination of opened and closed office spaces. The exterior building stairs will be converted to an accessible ramp. Plans also replace all of the existing windows and exterior doors.
- Floor plans will consist of workstations similar to the workstations in Administrative Services III building.

Comments:

The Panel discussed the lack of existing daylight in the current building and whether or not the additional windows would provide sufficient daylight. The Panel suggested skylights as a means of bringing in more daylight.

Action:

*The Panel recommended **approval** of the renovations for the Avent Ferry project. Designer and Facilities will work to ensure the location of the new windows will provide the much needed daylight.*

Updated Project:

Centennial Biomedical Parking Deck
Site Location: Centennial Biomedical Campus
Designer: Walter Robbs Callahan & Pierce
Designer Representative: Matt Messick

- The Panel's last review of the Centennial Biomedical Parking Deck Phase I project was on January 30, 2008. The Panel recommended revised plans that enhance the entry of northeast stair tower; replace the material of the metal canopy; and review the landscape plans for the entire project site.
- Revised plans remove the trellis as a add alternative to meet the project's budget. Also, the third stair tower has been removed from the design plans. The hardscape near the stair tower is extended to connect with the All Campus Path. The metal panel wall will extend down to a brick base. The canopy material has been revised to clear anodized on the east side.
- Landscaping plant selection has been simplified with trees and shrubs of various species. The bioretention pond will be piped into the existing storm water system. The pond will also handle the one-year storm flow. The water level in the pool will never approach the floor level of the Research Building – a swale will accommodate the overflow and direct it away from the building.
- Site tree selection has been revised to include some Japanese Apricot for flowers and blooms into winter. Selection will include three White Oak trees along the street to balance site landscaping. Removing the three existing oak trees on the west elevation to construct segmented retaining walls.

Comments:

The Panel was concerned with the planting of three White Oak trees along the road, as they will be removed for future road expansion.

Action:

*The Panel recommended **approval** of the plans for the Centennial Biomedical Campus Parking deck. They also recommend the designer consider less expensive trees such as pine instead of the three White Oak.*

Partner's Way Parking Deck
Site Location: Centennial Campus
Designer: Clark Patterson Associates
Designer Representative: Bob Cwikla

- The Panel's last reviewed the plans for the Partner's Way Parking Deck on January 30, 2008. They recommended review of plans that identify pedestrian movement throughout the deck, simply the design of the external stair tower, provide details of the storm water management, and review landscape plans.
- Responding to the Panel's concern with vehicle movement within the two decks, Transportation wishes to segregate this deck with the existing deck to manage event assignments at this site.
- The bridge detail consists of an arched feature of steel galvanized railing, simple rod with accent panels similar to Engineering Building II.
- The current alignment of the All Campus Path is maintained. Some sections will be adjusted to respond to the new grade conditions.
- Revised plans expand the landing on the open terrace and the accessible sidewalk. The benches have been replaced with a brick seat wall.
- Storm water management will consist of a dry retention pond as a system that can incrementally grow with future building plans at this site. The current site has too many utility lines for a prominent placement of a bioretention pond.

Comments:

The Panel discussed the idea of dry retention pond at this site, and found it would not meet the standards established in the Physical Master Plan. There is also a lack of adequate green space between the accessible ramp and stairway of the deck.

Action:

*The Panels recommended **approval** of the plans for the Partners' Way Parking Deck, subject to the designer working with Facilities for storm water management alternatives to the dry retention pond and the underground piping system.*

6. Status of Projects Planning:

Mr. Harwood informed the panel of a possible gap in the types of projects for review. The upcoming list will consist of parking decks and student health services type facilities.

7. Next Meeting:

The next meeting will be held on April 30, 2008 at 1:30 PM.

The meeting adjourned at 4:40 PM.

CAMPUS DESIGN REVIEW
January 30, 2008
Primrose Hall Conference Room

ATTENDEES:	Barbara Doll	Fernando Magallanes	Michael Harwood
	Edward Funkhouser	Kevin MacNaughton	Lisa Johnson
	David Horning	Barbara Mulkey	
	Timothy Luckadoo	Paul Tesar	

Additional Distribution: Samuel Collier and Adam Compton

Welcome

Mr. Harwood welcomed the members to the meeting at 1:35 p.m. New panel members Barbara Mulkey, Trustee and Paul Tesar, College of Design representative were welcomed and they were introduced to the Panel.

8. Minutes

The minutes of the September 26, 2007 meeting were approved as written.

5. New Project:

Court of North Carolina Landscape Renovation
Site Location: North Campus
Designer: Reynolds & Jewell
Designer Representative: Sam Reynolds

- Court of North Carolina Phase II Renovation is located on North Campus along Current Drive. Phase II of the project will construct a raised concrete pedestrian crossing, four Magnolia trees, brick planter walls, and a brick patio symmetrical with the entrance of the 1911 Building. The material palette consists of a pattern of red and white brick in the walkway to match the existing 1911 Building.
- Future plans will also expand the existing terrace, add a ground staircase with seating, replace the sloping lawn with hardscape, and include an outdoor classroom.

Comments:

The panel discussed the open view this project will offer to the newly renovated 1911 Building, and determined the size of the plaza planters would block the lobby view. They were concerned with removing a portion of the sloping lawn and replacing it with hardscape as it would inhibit the popular sitting spaces. They were also concerned that the overall master plan was out of date.

Action:

*The Panel recommended **approval** of Court of North Carolina Phase II Renovation with revised plans that eliminates two of the Magnolia trees, and incorporates more lawn to balance the hardscape with the existing natural slope. The Panel would like future Phase III improvements to be re-evaluated at the completion of phase II.*

Wolf Plaza
Site Location: Central Campus
Designer: Little & Little Landscape Architecture
Designer Representative: Susan Little

- The Wolf Plaza is located on Central Campus north of Turlington and Alexander halls in the area known as Bookstore Plaza. Phase I of the project proposes to clean up, and prepare the landscape of the existing area to create a new iconic place on campus – with engaging sculpture to enhance this natural gathering place.
- Currently the area is hot and has a lot of direct sunlight. The Wolf Plaza project will create a shady space with new trees to frame the future sculpture. Granite curbing will replace the existing vertical brick treatment and the various brick patterns will be unified. Also, plans will relocate three of the existing streetlights and add three more, one of which will include a security camera to monitor the Free Expression Tunnel.
- Phase II of the project will add wolf sculpture– traveling throughout the space to add depth and create meaning.

Comments:

The Panel was concerned with the impact the plaza will have on both pedestrians and vehicles, as this is a busy area of campus. The planting design should be an open and not interfere with pedestrian and vehicle access.

Action:

*The Panel recommended **approval** of the Wolf Plaza project, with revised plans that simplify the hardscape paving patterns, eliminate two of the Crepe Myrtle trees to simplify the planting scheme, and identify vehicle access areas. Incorporate more seating areas after the sculptures have been added to the site.*

Partner's Way Parking Deck
Site Location: Centennial Campus
Designer: Clark Patterson Associates
Designer Representative: Bob Cwikla

- The Partner's Way Parking Deck project will add a four level pre-cast deck adjacent to the existing Partners III deck at the corner of Partners Way Drive and Main Campus Drive on Centennial Campus.
- This project will align with the existing connections to the existing All Campus Path and with the open space to the west of the site. However, this project excludes a sidewalk along Partner's Way Drive.
- Each of the four levels will provide 100 vehicle parking spaces. The deck entrance for levels one and two will be restricted to the Partners Way connections, while the entrance for levels three and four will be connected with the existing deck via bridge connections at both levels. Accessible van parking will be located on the first floor of the new deck.
- The northwest stair tower will provide pedestrian access to the All Campus Path. The southern stair tower extends the length of the south side of the deck. There will be a seat wall at the street level on the south face of the deck.
- Material palette includes brick and pre-cast concrete with an open railing system. Standard campus light fixtures will be installed. However, the project team is considering the Transportation Department's request for a LED lighting system as a project add alternate.
- Floor drains located throughout the lower levels of the deck will manage storm water at this site. Design team is also evaluating a below and aboveground storm water system.

Comments:

The Panel was concerned with pedestrian movement throughout the various levels of the deck. There is not enough information about how storm water will be managed. Also, the Panel would like more information regarding the landscape plans at this site.

Action:

The Panels recommended review of revised plans that identify pedestrian movement throughout the deck and simply the design of the external stair tower. Details on storm water management; landscape plans and a sample material palette for this project should be submitted for review.

Centennial Biomedical Parking Deck
Site Location: Centennial Biomedical Campus
Designer: Walter Robbs Callahan & Pierce
Designer Representative: Matt Messick

- The Centennial Biomedical Parking Deck Phase I project is a part of the new Terry Center. This project phase will construct a 500-space vehicle parking deck west of the CVM Research Building on the Centennial Biomedical campus.
- The project to realign William Moore Drive is currently under construction, so the temporary road to this deck will access the entrance on the northeast corner. When Trinity Drive is extended on to the campus, it will connect to the second deck entrance, but it is a long-term plan for this site.

- Plans include extending the All Campus Path to the deck. Landscape screening plantings will be located at the front deck entrance along with fruit trees and hardscape paving at the pedestrian entrance at the northeast corner.
- The footprint of the deck was reduced to preserve mature trees to the west of the deck. A bio-retention pond will installed between the deck and the CVM Research Building to manage storm water. The southeast corner trellis will frame the landscaping and the bio-retention pond. The grade is low in this area and will not be accessible to pedestrians.
- The west elevation on Blue Ridge Road consists of two parking levels, one below grade. The stair towers are located at three of the four corners. Accessible vehicle parking spaces are on the lowest level with a sidewalk connection to the pedestrian entrance.
- Phase II of this project will construct an additional deck. Plans will remove the existing retaining wall, and rework the existing temporary grade to accommodate a connection to the Phase II deck.

Comments:

The Panel was concerned with the use of metal panels at ground level of the stair tower. The deck's pedestrian and vehicle entrances should be user friendly, including the ground material, which should clearly state their purpose. They were also concerned with the maintenance of a painted metal canopy.

Action:

The Panel recommended review of revised plans that enhance the entry to the northeast stair tower, consider an anodized aluminum material instead of the painted metal canopy; and submit a landscape plan that includes the area between this project and the Research Building.

Updated Project:

Engineering Building III Addition (EB III)
Site Location: Centennial Campus
Designer: Perkins & Will
Designer Representative: Jim Merriman

- The Panel's first reviewed the plans for the Engineering Building III Addition on February 28, 2007. They requested review of plans that address the storm water management design; details of the building top on the west elevation and improve the design on the Wind Tunnel Building.
- The Engineering Building III Addition will provide 65,000sf of space. A Wind Tunnel Building located behind EB III will also be constructed.
- Landscaping plans will add rain gardens, a green roof to the Wind Building, a pedestrian path and various plantings around the Oval, but plans will not complete the Oval.
- East elevation will be the formal building entrance. It will face the Oval and reflects the existing curve at this site. Building entrance will be distinctive with a metal canopy, brick banding, punched windows, horizontal lines – more metal and glass than the other

building entrances. The West elevation will have an entrance on the lowest level. It has horizontal lines with external sun louvers on the flanking wings.

- The North elevation matches the material palette of the Engineering Building I. It will consist of glass, brick and metal panels. The south elevation will have horizontal louvers to provide sun screening.
- Level one is primarily lab space, some of which will be flexible space, and includes space for future expansion. Level two is primarily classrooms, with student gathering spaces.
- Level three consists of office space, computer labs and some extra space for expansion. It is designed as a single corridor system to provide more daylight during use.
- The Wind Tunnel Building will also have a formal building entrance. It has a higher definition than EBIII to conform and connect with the existing walkway. It will also include small service vehicle access.

Concerns:

The Panel was concerned with the transition spaces and public use of such spaces associated with this is project. There was not enough detail of each of the rain gardens and green roof landscape plans.

Action:

*The Panel recommended **approval** of the Engineering III Building. However the Panel also recommends revised plans that refine the building entrances; enhance the public use on the Oval side; and submit a landscape plans that includes details of the roof and rain gardens.*

8. Status of Projects Planning:

The members reviewed the list of upcoming projects and noted there are some that have been placed on hold. Corporate Research I Addition and Renovation project has changed to a renovation only project.

9. Next Meeting:

The next meeting will be held on March 26, 2008 at 1:30 PM.

The meeting adjourned at 4:40 PM.