BOARD OF TRUSTEES
NORTH CAROLINA STATE UNIVERSITY

Buildings and Property Committee
Time: 2:45 – 4:15 p.m., November 20, 2014
Primrose Hall Conference Room
Ramsey, Chair
Members: Clark, Lanier, Mattocks, Murphy, Sall

AGENDA

CALL TO ORDER
Randy Ramsey, Chair, Buildings and Property Committee
• Roll Call
• Reading of the State Government Ethics Act

1. CONSENT AGENDA (TAB 1)

Minutes
Randy Ramsey, Chair, Buildings and Property Committee
• Approval of September 18, 2014 meeting minutes 5.1.A

Property Matters
Ralph Recchie, Real Estate Director
✓ Disposition by Easement: To the Board of Trustees for the Endowment Fund of North Carolina State University for both storm water control and retention and for cross access related to the development of the Centennial Biomedical Campus Flex Lab Building and for future Endowment Fund sites on the Centennial Biomedical Campus 5.1.B.1
✓ Disposition by Lease: Swannanoa 4-H Center in Buncombe County, NC for a term of sixty (60) years to a camp operator that will be selected through a Request For Proposal (RFP) process 5.1.B.2
✓ Acquisition by Lease: +44,241 square feet (SF) of office and laboratory space in the Textiles Innovation Center on Centennial Campus from Keystone Development Corporation for the Non-Wovens Institute for a term of 10 years 5.1.B.3
✓ Acquisition by Lease: +9,400 SF of office space for the Next Generation Power Electronics Manufacturing Innovation Institute / Power America in the Venture Place on Centennial Campus. Approved April 24, 2014 for a term of 3 years, now seeking a term of up to 10 years. 5.1.B.4

✓ Requires full board approval

1 Materials will be distributed to committee members at the meeting
Designer Selections
Steve Arndt, Associate Vice Chancellor for Facilities
- College of Textiles Fire Alarm System Replacement – Centennial Campus 5.1.C.1
- MRC Cleanroom Renovation – Centennial Campus 5.1.C.2
- Research IV Building USGS Upfit – Centennial Campus 5.1.C.3
- CVM Equine Hospital Study – Centennial Biomedical Campus 1(5.1.C.4)
- 4-H History & Learning Center – Millstone 4-H Camp 5.1.C.5
- Approval of Designer Selections Less Than $500,000 5.1.C.6

Acceptance of Completed Buildings and Projects
Steve Arndt, Associate Vice Chancellor for Facilities
- The University and Office of State Construction have accepted the attached list of completed buildings and projects with dollar values greater than $2,000,000. The University has accepted the attached list of completed buildings and projects with dollar values less than $2,000,000. All are recommended to the Buildings and Property Committee for formal acceptance. This listing represents buildings and projects received since the September 18, 2014 meeting.

***END OF CONSENT AGENDA ITEMS***

2. PROPERTY MATTERS (Received after Full Board Mailing) TAB 2

3. SITE REVIEW AND APPROVAL TAB 3
Lisa Johnson, University Architect
- Conference Center and Hotel – Centennial Campus 5.3.A

4. PLAN REVIEW AND PLAN APPROVAL TAB 4
Lisa Johnson, University Architect
Plan Review
- Conference Center and Hotel – Centennial Campus 5.4.A
Plan Approval
- Approval of Plans and Specifications of Formal Projects less than $2 million 5.4.B

5. INFORMATIONAL REPORTS TAB 5
- Centennial Campus Update (Michael Harwood) 5.5.A.1
- Capital Projects Update (Steve Arndt) 5.5.A.2
- Status of Projects in Planning (Lisa Johnson) 5.5.A.3
- Tour of Talley Student Union (Cameron Smith) 1(5.5.A.4)

ADJOURN
✓ Requires full board approval
1 Materials will be distributed to committee members at the meeting
Agenda Item / Issue: Consent Agenda

Requested / Required Action: Approval of the items contained in the Consent Agenda to include committee meeting minutes for September 18, 2014, property matters, designer selections, and acceptance of completed buildings and projects.

Suggested Motion: Move approval of the Consent Agenda.

Responsible University Unit: Office of Finance & Business
University Presenter/Contact: Steven A. Arndt, Associate Vice Chancellor for Facilities
BOARD OF TRUSTEES
NORTH CAROLINA STATE UNIVERSITY
Buildings and Property Committee
Meeting Date: September 18, 2014

Minutes

Meeting No.: 14-15: 1

Location: Primrose Hall Conference Room

Time: 2:45 – 3:42 p.m.

Committee Members Present:
Mr. Randall Ramsey, Chair
Mr. Jimmy Clark
Ms. Gayle Lanier
Mr. Wendell Murphy
Mr. John Sall

Other Trustee in Attendance
Mr. Benjamin Jenkins, Chair, Board of Trustees

Present from the University:
Mr. Charles Leffler, Vice Chancellor, Finance and Business
Ms. Mary Peloquin-Dodd, Associate Vice Chancellor for Finance and Business and University Treasurer
Mr. Michael Harwood, Associate Vice Chancellor, Centennial Campus Development
Mr. Steven Arndt, Associate Vice Chancellor, Facilities
Mr. Brent McConkey, Assistant General Counsel, Office of General Counsel
Ms. Lisa Johnson, University Architect
Mr. Ralph Recchie, Director, Real Estate
Ms. Lynn Burris, Executive Assistant, Facilities Division
Mr. Ron Grote, University Program Specialist, Facilities Division

CALL TO ORDER
Chair Ramsey called the meeting to order at 2:45 p.m.

ROLL CALL
Chair Ramsey called the roll. All were present except for Mr. Mattocks who had an excused absence.
STATE GOVERNMENT ETHICS ACT
At the beginning of the meeting, Chair Ramsey reminded all members of their duty to avoid conflicts of interest and appearances of conflicts of interest under the State Government Ethics Act and inquired as to whether there were any known conflicts of interest with respect to any matters coming before the Buildings and Property Committee at this meeting. The committee members had no conflicts of interest or appearances thereof.

2014-2015 PLAN OF WORK
Chair Ramsey discussed the plan of work, indicating it was the same as last year, when all members were on the committee, with exception that the 2014 Physical Master Plan would not need to be approved since it was approved at the February meeting. Also, there are three new possible site and building plan approvals, which are Centennial Campus Conference Center and Hotel, Textiles Innovation Center, and Research Storage at Lake Wheeler. He asked for questions and comments. There were none

COMMITTEE RESPONSIBILITIES AND PROCEDURES
Chair Ramsey asked Mr. Arndt to discuss the committee responsibilities and procedures. Arndt said that the responsibilities and procedures are the same as last year when all members were on the committee. He asked for questions and comments. There were none.

CONSENT AGENDA
Minutes
Chair Ramsey asked whether there were any corrections to the April 24, 2014 meeting minutes. There being none, Chair Ramsey declared the minutes stand approved as drafted.

Property Matters
Chair Ramsey asked Mr. Recchie to present the property matters. Recchie said that the two property matters require full board approval. They were:

- Acquisition by Lease of approximately 8,882 square feet of office space in Venture Center IV on Centennial Campus from Venture Center, LLC, for the Center for Integrated Pest Management for a term of 5 years. The original request was for approximately 6,343 square feet. Suite 105, which has approximately 2,539 square feet, was added to accommodate staff currently on the building’s third and fourth floors. Since the lease is a strategic lease due to the space needed, it was not advertised for bid.
- Disposition by Easement of up to one half acre on Centennial Campus to the Board of Trustees of the Endowment Fund from North Carolina State University for a storm water retention pond to service the proposed Textiles Innovation Center Building at Main Campus Drive and Research Drive, which would be a private development.

Chair Ramsey called for a motion and a second to recommend to the full board approval of the two items as outlined by Mr. Recchie. Mr. Sall made the motion, which Mr. Clark seconded. Ramsey asked if there was any further discussion on the motion. There being none, he called for a vote. He announced the motion passed.
Designer Selections
Chair Ramsey asked Mr. Arndt to discuss the designer selections. Arndt presented the 23 designer selections. Mr. Clark remarked about the major economic impact to the state that these projects represented. Mr. Leffler said that the Board of Governors has commissioned a study to address the impact system wide to the state, Wake County, Mecklenburg County, and seven other counties. The study should be completed prior to November and Leffler will share the results at the November meeting.

Chair Ramsey called for a motion and a second to recommend approval of the designer selections as outlined by Mr. Arndt. Mr. Murphy made the motion, which Mr. Sall seconded. Ramsey asked if there was any further discussion on the motion. There being none, he called for a vote. He announced the motion passed.

Developer Selection
Chair Ramsey asked Mr. Arndt to discuss the designer selections. Arndt presented the Textiles Innovation Center. The developer, Keystone Corporation, will provide a development feasibility Study, which will determine the budget. In answer to a question posed by Mr. Clark, Mr. Leffler said that Patrick Gavaghan from Keystone was the developer of the FREEDM Center on Centennial Campus, and based on their work there, Keystone was selected for this project.

Chair Ramsey called for a motion and a second to recommend approval of the selection as outlined by Mr. Arndt. Mr. Sall made the motion, which Mr. Murphy seconded. Ramsey asked if there was any further discussion on the motion. There being none, he called for a vote. He announced the motion passed.

Acceptance of Completed Buildings and Projects
Chair Ramsey asked Mr. Arndt to present the completed buildings and projects for acceptance. Arndt requested acceptance of 22 completed projects listed with a combined value of $38.7 million. The list included acceptance of Wolf Ridge Grove Hall for $12 million and Valley Hall for $16.2 million – the final two buildings at Wolf Ridge.

Chair Ramsey called for a motion and a second to recommend acceptance as outlined by Mr. Arndt. Ms. Lanier made the motion, which Mr. Sall seconded. Ramsey asked if there was any further discussion on the motion. There being none, he called for a vote. He announced the motion passed.

PROPERTY MATTERS (Received after Full Board Mailing)
Chair Ramsey asked Mr. Recchie to present the property matters. Recchie said that the two property matters received after the full board mailing require full board approval. They were:
- Acquisition by Lease of approximately 22,000 square feet of office space in Alliance Center on Centennial Campus from SM Alliance, LLC, for the Institute of Advanced Analytics (IAA) for a term of 10 years. IAA will increase from two cohorts to four, which will mean student population will increase from 90 students to 180.
- Disposition by Space Lease of approximately 6,332 rentable square feet of office space in Research Building III, Suite 300, on Centennial Campus for the United States of America,
General Services Administration on behalf of National Weather Service (NWS) for a 3 year term. Mr. Harwood added that due to sequestration and budget cuts, NWS was on a month by month basis. Mr. Leffler explained that approval was being requested now so that the matter could go to the Board of Governors for their approval in time for the Federal Government's new fiscal year.

Chair Ramsey called for a motion and a second to recommend to the full board approval of the two items as outlined by Mr. Recchie. Ms. Lanier made the motion, which Mr. Clark seconded. Ramsey asked if there was any further discussion on the motion. There being none, he called for a vote. He announced the motion passed.

SITE REVIEW AND APPROVAL
Chair Ramsey asked Ms. Johnson to present the Textiles Innovation Center for site review and approval. Johnson said the building will be built on a 2.6 acre site on the southwest corner of Main Campus Drive and Research Drive. The proposed 102,370 gross square foot (GSF) building includes 41,880 GSF of space for the Nonwoven Innovation Pilot Facility and 60,490 GSF of private market rate office space for lease. A section of the space for the Nonwoven Innovation Pilot Facility will include a 50 foot tall high bay space. Mr. Clark asked whether the high bay space can be converted to office space by adding more floors if ever the high bay space is no longer needed. Johnson replied it would be constructed to do just that.

The project includes structured parking sufficient for the new building and the relocation of the existing parking.

The site will have two primary Stormwater features. One, which is already there, is below ground. A second, to be constructed, will be an above ground wetland.

Construction challenges include a very confined site, a 40-foot drop from the front to the rear of the site, and loss of a large amount of vegetation, especially on the southwest corner.

The design team is presently working on responses to comments from the Physical Environment Committee (PEC) and the Campus Design Review Panel (CDRP). PEC comments focused on the need to find ways to offset the increase in impervious surfaces and parking concerns. CDRP had a number of comments. Johnson noted two. The deck does not relate to the building and the windows on the deck side are not the same proportions as the rest of the building windows.

Chair Ramsey called for a motion and a second to recommend approval as outlined by Ms. Johnson. Mr. Sall made the motion, which Mr. Murphy seconded. Ramsey asked if there was any further discussion on the motion. There being none, he called for a vote. He announced the motion passed.

PLAN APPROVAL
Chair Ramsey asked Ms. Johnson to present the list of plans and specifications of formal projects that cost less than $2 million for approval. Johnson presented the 21 plans and specifications of formal projects.
Chair Ramsey called for a motion and a second to recommend approval as outlined by Ms. Johnson. Ms. Lanier made the motion, which Mr. Sall seconded. Ramsey asked if there was any further discussion on the motion. There being none, he called for a vote. He announced the motion passed.

INFORMATIONAL REPORTS
Chair Ramsey recognized Mr. Arndt to present the update about Capital Projects. Arndt highlighted the Talley Student Union that will be completed spring 2015 with dedication planned for fall 2015. Mr. Leffler suggested the committee tour the building at their November meeting. Mr. Clark said that the student body needs to be thanked for their contributions. In response to a question from Mr. Murphy, Leffler said the building was fully funded by student fees. Ms. Lanier said she has heard from a number of alumni who are pleased with how well campus is looking. Mr. Clark remarked that the legacy campus is what attracts students and we need to continue improving it. Leffler responded that we are making incremental efforts in that regard. He spoke about the new gateways as examples.

Chair Ramsey recognized Mr. Recchie to provide an overview of construction progress at the Bell View Hotel. Recchie said that the hotel is scheduled to open no later than next August, and could be open for May commencement. The Hillsborough Square site has the same developer. That building will be four to five stories of market rate apartments for professionals. Construction is set to get underway summer 2015.

Ms. Johnson added that Hillsborough Phase II from Gardner Street to Rosemary Street will begin winter 2016 and is scheduled to be completed summer 2017.

Chair Ramsey recognized Ms. Johnson to provide an update on Projects in Planning. Johnson said that the Conference Center and Hotel will be presented to the committee for site approval at their November meeting.

Mr. Sall asked for an update on transportation initiatives to improve travel between Centennial Campus precinct and Central and North Campus precincts. Johnson replied that plans are progressing to connect the campuses by extending Pullen Road to Oval Drive. The next meeting with the city and the Catholic Diocese is scheduled for next month. Construction cost is projected to be $3 million. Other plans center near the intersection of Western, Avent Ferry, and Morrill include an underpass and/or gondolas.

There being no additional business, the meeting adjourned at 3:42 p.m.

Respectfully submitted,

[Signature]
Steven A. Arndt
Secretary to the Committee
cc: Charles Leffler, Vice Chancellor, Finance & Business
     P.J. Teal, Assistant Secretary of the Trustees

Approved:

Committee Chair                                Date
DISPOSITION
OF REAL PROPERTY

DISPOSITION BY EASEMENT

GRANTEE
The Board of Trustees of the Endowment Fund of North Carolina State University

GRANTOR
State of North Carolina for North Carolina State University

LOCATION
Storm water from the CBC Flex site will tie into two existing catch basins that are located on William Moore Drive. There is also a cross access easement allowing the water to flow over state land to the regional storm water pond.

SIZE
2.64 acres CBC Flex Laboratory Building a 45,000 SF privately developed building

RATE
For the benefit of the State of North Carolina

TERM
Permanent

USE
Disposition by easement in order to meet campus storm water requirements for the CBC Flex Laboratory Building Project.
STATE OF NORTH CAROLINA
Department of Administration
*DISPOSITION OF REAL PROPERTY

Institution or Agency: North Carolina State University          Date: October 27, 2014

The Department of Administration is requested, as provided by GS 146-28 to dispose of the real property herein described by (sale), (lease), (rental), or (other specify): Easement

The disposition is recommended for the following reasons: This storm water easement to the Board of Trustees of the Endowment Fund of North Carolina State University facilitates the private development of the CBC Flex Laboratory Project. There is also a cross access easement that will allow water to flow over state land to regional storm water ponds.

Description of Property: Storm water from the CBC Flex site will tie into two existing catch basins that are located on William Moore Drive in front of the proposed lab building and to the right (toward Hillsborough Street) of the lab’s vehicular entrance drive.

Term: Permanent

Estimated value: N/A

Where deed is filed, if known: Wake County, NC

If deed is in the name of agency other than applicant, state the name. N/A

Rental income, if applicable, and suggested terms: N/A

Funds from the disposal of this property are recommended for the following use. N/A

Action recommending this transaction was taken by the __Board of Trustees__

at its meeting held on ______________________

Signature ORIGINAL SIGNATURE ON FILE

Chancellor

*The term "real property" includes timber rights, mineral rights, etc. (GS 146-64)
DISPOSITION
OF REAL PROPERTY

DISPOSITION BY LEASE

GRANTEE
A camp operator to be identified through an RFP selection process

GRANTOR
State of North Carolina for North Carolina State University.

LOCATION
Swannanoa 4-H Center 170 Woodland Drive, Swannanoa, NC

SIZE
±125 acres

RATE
To be negotiated with respect to market value

TERM
60 years

USE
Long term leasing of Swannanoa allows for the continued operation as a camp with maintenance and operational costs being borne by the camp operator. Funds retained by the University will be applied to 4-H camp operations and debt service.
STATE OF NORTH CAROLINA  
Department of Administration  
*DISPOSITION OF REAL PROPERTY*

Institution or Agency: North Carolina State University  
Date: October 27, 2014

The Department of Administration is requested, as provided by GS 146-28 to dispose of the real property herein described by (sale), (lease), (rental), or (other specify):

The disposition is recommended for the following reasons: Disposition by Lease: ±125 acres of the Swannanoa 4-H Center in Buncombe County, NC to a camp operator to be identified through an RFP selection process. The term of the ground lease will be 60 years at a rate to be negotiated.

Description of Property: ± 125 ac. camp is located at 170 Woodland Drive Swannanoa, NC and is improved with ± 25,000 s.f. of buildings including cabins, lodge, dining hall, recreation hall and swimming pool.

Term: 60 years

Estimated value: To be negotiated with respect to market value

Where deed is filed, if known: Wake County, NC

If deed is in the name of agency other than applicant, state the name. State of North Carolina

Rental income, if applicable, and suggested terms: What may be retained by the University will be applied to 4-H camp operations and debt service.

Funds from the disposal of this property are recommended for the following use. To support 4-H camp operations and debt service.

Action recommending this transaction was taken by the Board of Trustees at its meeting held on

_____________________.

Signature ORIGINAL SIGNATURE ON FILE  
Chancellor

*The term “real property” includes timber rights, mineral rights, etc. (GS 146-64)*
ACQUISITION
OF REAL PROPERTY
LEASE

LESSEE	State of North Carolina, North Carolina State University

LESSOR	A NC LLC c/o Keystone Corporation, 5410 Trinity Road, Suite 215, Raleigh, NC 27607

LOCATION	Planned privately developed Textiles Innovation Center. The site is located at the southwest corner of Main Campus Drive and Research Drive and is adjacent to the College of Textiles complex. Site location map attached.

SIZE	±44,241 SF lease of laboratory and high bay space within the Textiles Innovation Center.

RATE	Rental rate to be negotiated but initial quote ±$36./SF/Yr base rent ($1,592,676), ±$5.52/SF/Yr additional rent ($244,210). (These rents exclude process utility costs) for a total of ±$41.52/SF/Yr or ± $1,840,886 annually.

TERM	10 year term

USE	This space lease provides for office and high bay space for the NonWovens Institute (NWI). This facility is important for the continued growth of the NWI which is a global leader in nonwovens research and houses state-of-the-art facilities for product development, analytical services, and materials testing. NWI engages experts from industry and higher education in building next-generation nonwoven applications while also providing training and guidance to the field’s future leaders.
STATE OF NORTH CAROLINA  
DEPARTMENT OF ADMINISTRATION  
RALEIGH  

* ACQUISITION OF REAL PROPERTY  

Institution or Agency: North Carolina State University  
Date: October 27, 2014  

The Department of Administration is requested, as provided by GS 146-22 et seq. to acquire the real property herein described by (purchase), (lease), (rental), or (other-specified):  

This Property is needed for the following reasons and purposes: (attach additional sheets if necessary). This space lease provides for office and high bay space for the NonWovens Institute (NWI). This facility is important for the continued growth of the NWI which is a global leader in nonwovens research and houses state-of-the-art facilities for product development, analytical services, and materials testing. NWI engages experts from industry and higher education in building next-generation nonwoven applications while also providing training and guidance to the field’s future leaders.  

Name and Address of Present Owner: A NC LLC c/o Keystone Corporation,  
5410 Trinity Road, Suite 215, Raleigh, NC 27607  

Description of Property: (attach additional sheets if necessary).  
44,241 SF lease of laboratory and high bay space will be within the planned privately developed Textiles Innovation Center. The site is located at the southwest corner of Main Campus Drive and Research Drive and is adjacent to the College of Textiles complex. Site location map attached.  

Term: 10 year term  

Rental price (if applicable): Rental rate to be negotiated but initial quote ±$36./SF/Yr base rent ($1,592,676), ±$5.52/SF/Yr additional rent ($244,210). (These rents exclude process utility costs) for a total of ±$41.52/SF/Yr or ± $1,840,886 annually.  

Funds for the acquisition of this property are available in our budget under Code  
Funding will be provided through the NonWovens Institute and the College of Textiles.  

Item: Other:  

In the event the above described real property is not acquired, is there other real property available, owned by the State or otherwise, that you believe would, if acquired, fulfill the requirement of your agency? If so, give details.  

Action, recommending the above request, was taken by the Board of Trustees and is recorded in the minutes thereof on _____________ (Date).  

Signature ORIGINAL SIGNATURE ON FILE  
Chancellor  

* The term "real property" includes timber rights, mineral rights, etc. (GS 146-64)
ACQUISITION
OF REAL PROPERTY

SPACE LEASE

LESSEE
State of North Carolina, North Carolina State University

LESSOR
Venture Center LLC

LOCATION
Venture Place, 940 Main Campus Dr., Centennial Campus, Raleigh, NC

SIZE
±9,400 s.f.

RATE
To be negotiated but not to exceed market rate

TERM
Up to 10 years

USE
This acquisition by Lease for ± 9,400 s.f. of office space is for Power America - The Next Generation Power Electronics Manufacturing Innovation Institute on Centennial Campus.
* ACQUISITION OF REAL PROPERTY

Institution or Agency: North Carolina State University  
Date: October 27, 2014

The Department of Administration is requested, as provided by GS 146-22 et seq. to acquire the real property herein described by (purchase), (lease), (rental), or (other specify):

This Property is needed for the following reasons and purposes: Acquisition by Lease for ± 9,400 s.f. of office space for Power America - The Next Generation Power Electronics Manufacturing Innovation Institute on Centennial Campus.

Name and Address of Present Owner: Venture Center LLC, 900 NW Main Campus Dr., Suite 137, Raleigh NC 27606

Description of Property: Venture Place, 940 Main Campus Dr., Centennial Campus, Raleigh, NC

Term: Up to 10 years

Rental price (if applicable): To be negotiated and not to exceed market rate.

Funds for the acquisition of this property are available in our budget under Code

Item: Other: Strategic Interdisciplinary Research Fund

In the event the above described real property is not acquired, is there other real property available, owned by the State or otherwise, that you believe would, if acquired, fulfill the requirement of your agency? If so, give details. No

Action, recommending the above request, was taken by the Buildings and Property Committee of the Board of Trustees and is recorded in the minutes thereof on ____________ (Date).

Signature ORIGINAL SIGNATURE ON FILE
Chancellor

* The term "real property" includes timber rights, mineral rights, etc. (GS 146-64)
College of Textiles Fire Alarm Replacement
Total Project Scope – $100,000 Design Only (R&R)

07/02/14  Advertised in NC Purchase Directory

08/13/14  Closing date for submittals
          (5 proposals received)

08/13/14  Appointment of Selection Committee
          By Steven Arndt, Secretary – Buildings and Property Committee

08/13/14-09/14  Selection Committee review:
09/17/14  NA, Trustee
Lisa Johnson, University Architect
Mike Baker, Project Manager, Design & Construction Services
Lisa Maune, Assistant Director, Design & Construction Services
Mark Carpenter, Building Maintenance & Operations
Others who assisted in review and short listing process
Tom Skolnicki, University Landscape Architect

09/01/14  Short list recommendation by Selection Committee:
          Edmondson Engineers – Durham, NC
          RDK Engineers – Cary, NC
          Stanford White – Raleigh, NC

09/02/14  Short list approved by Randall Ramsey

09/10/14  Pre-interview briefing of Designers

09/17/14  Designers interviewed. Recommendation in priority order
          RDK Engineers – Cary, NC
          Stanford White – Raleigh, NC
          Edmondson Engineers – Durham, NC
5.1.C.2

**MRC Cleanroom Renovations**

Total Project Scope - $8,500,000 Design Fund- $250,000 (R&R/Receipt/F&A)

06/30/14  Advertised in NC Purchase Directory

07/28/14  Closing date for submittals
           (6 proposals received)

07/28/14  Appointment of Selection Committee
           By Steven Arndt, Secretary – Buildings and Property Committee

07/28/14-  Selection Committee review:
           Gayle Lanier, Trustee
           Carolyn Axtman, Associate Director for Design
           Allen Boyette, Director Building Maintenance and Operations
           John Gilligan, College of Engineering Executive Associate Dean
           David Hammock, Project Manager, Capital Project Management
           Lisa Johnson, University Architect
           John Royal, College of Engineering Liaison
           Cameron Smith, Director Capital Project Management

08/20/14  Short list recommendation by Selection Committee:
           Affiliated Engineers – Chapel Hill, NC
           Clark Nexsen – Raleigh, NC
           Clark, Richardson & Biscup Consulting Engineers, Inc. – Cary, NC

08/20/14  Short list approved by Randall Ramsey

08/27/14  Pre-interview briefing of Designers

09/17/14  Designers interviewed. Recommendation in priority order:
           Clark, Richardson & Biscup Consulting Engineers, Inc. – Cary, NC
           Affiliated Engineers – Chapel Hill, NC
           Clark Nexsen – Raleigh, NC
Research IV Building USGS Upfit
Total Project Scope – $900,000 (Trust Fund)

08/21/14  Advertised in NC Purchase Directory

09/12/14  Closing date for submittals
(18 proposals received)

09/12/14  Appointment of Selection Committee
By Steven Arndt, Secretary – Buildings and Property Committee

09/12/14-  Selection Committee review:
10/10/14  John Sall, Trustee
Sumayya Jones Humieeny, Associate University Architect
Steve Bostian, Project Manager, Capital Project Management
Cameron Smith, Director of Design and Construction, Capital Project Management
Carolyn Axtman, Assistant Director of Design Services, Capital Project Management
Others who assisted in review and short listing process
Michael Harwood, Associate Vice Chancellor, Centennial Campus Development Office
Brian Jones, Project Coordinator, Centennial Campus Development Office
Lisa Johnson, University Architect

9/29/14  Short list recommendation by Selection Committee:
310 Architecture + Interiors – Raleigh, NC
Gensler Architecture, Design & Planning – Raleigh, NC
Interior Architecture & Design, PLLC – Raleigh, NC

09/29/14  Short list approved by Randall Ramsey

10/01/14  Pre-interview briefing of Designers

10/10/14  Designers interviewed. Recommendation in priority order
310 Architecture + Interiors – Raleigh, NC
Gensler Architecture, Design & Planning – Raleigh, NC
Interior Architecture & Design, PLLC – Raleigh, NC
4-H History & Learning Center
Total Project Scope – $1,500,000 (Foundation Grants)

09/15/14  Advertised in NC Purchase Directory

10/16/14  Closing date for submittals
           (20 proposals received)

10/07/14  Appointment of Selection Committee
           By Steven Arndt, Secretary – Buildings and Property Committee

10/07/14-  Selection Committee review:
10/16/14   NA, Trustee
           Sumayya Jones-Humienny, Office of the University Architect
           Angkana Bode, Design & Construction Services
           Lisa Maune, Design & Construction Services
           Larry Hancock, 4H Youth Development & Family & Consumer Sciences

10/07/14  Short list recommendation by Selection Committee:
           Hobbs Architects – Pittsboro, NC
           Robert Winston Car Inc. – Durham, NC
           Watson Tate Savory – Durham, NC

10/09/14  Short list approved by Randall Ramsey

10/09/14  Pre-interview briefing of Designers

10/16/14  Designers interviewed. Recommendation in priority order:
           Hobbs Architects – Pittsboro, NC
           Watson Tate Savory – Durham, NC
           Robert Winston Carr Inc. – Durham, NC
Approval of Designer Selections Less than $500,000

Note: The projects below are submitted to the Trustees’ Buildings and Property Committee for formal approval of designer selections for projects less than $500,000 that are not on the OESAD list. This listing represents designers selected since September 18, 2014.

<table>
<thead>
<tr>
<th>Project:</th>
<th>Fee:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Athletics Residential Building Study</td>
<td>$49,500</td>
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<tr>
<td>Firm:  Swanson + Stewart Architects, Raleigh, NC</td>
<td></td>
</tr>
<tr>
<td>Fund Source: Departmental</td>
<td></td>
</tr>
<tr>
<td>Carmichael Gym Commissioning Agent</td>
<td>$42,300</td>
</tr>
<tr>
<td>Firm:  Engineered Designs Inc., Raleigh, NC</td>
<td></td>
</tr>
<tr>
<td>Fund Source: Self Liquidating</td>
<td></td>
</tr>
<tr>
<td>Joyner Visitor Center Rotunda</td>
<td>$6,950</td>
</tr>
<tr>
<td>Firm:  IA Interior Architects, Raleigh, NC</td>
<td></td>
</tr>
<tr>
<td>Fund Source: Departmental</td>
<td></td>
</tr>
<tr>
<td>Lee Residence Hall Stair Enclosures</td>
<td>$40,450</td>
</tr>
<tr>
<td>Firm:  RND Architects, PA, Durham, NC</td>
<td></td>
</tr>
<tr>
<td>Fund Source: Departmental</td>
<td></td>
</tr>
<tr>
<td>Smoothie Shop at Atrium</td>
<td>$50,900</td>
</tr>
<tr>
<td>Innovative Design, Inc., Raleigh, NC</td>
<td></td>
</tr>
<tr>
<td>Fund Source: Departmental</td>
<td></td>
</tr>
</tbody>
</table>
## Acceptance of Completed Buildings and Projects

### November 20, 2014

<table>
<thead>
<tr>
<th>Code/Item</th>
<th>Project#</th>
<th>Location</th>
<th>Title</th>
<th>Project Cost</th>
<th>University Acceptance</th>
</tr>
</thead>
<tbody>
<tr>
<td>40824 / 313</td>
<td>200813015</td>
<td>Talley Student Center Addition and Renovation</td>
<td>Northeast Entrance, Tech Tower, and Elevator #7</td>
<td>$3,600,000</td>
<td>8/26/2014</td>
</tr>
<tr>
<td>NA / NA</td>
<td>201412029</td>
<td>Greek House #6</td>
<td>Demolition</td>
<td>$65,274</td>
<td>8/28/2014</td>
</tr>
<tr>
<td>NA / NA</td>
<td>201411029</td>
<td>Toxicology First Floor</td>
<td>Chancellor’s Faculty Excellence program</td>
<td>$322,741</td>
<td>9/3/2014</td>
</tr>
<tr>
<td>41224 / 301</td>
<td>200920007</td>
<td>Phytotron</td>
<td>Energy Conservation Measures</td>
<td>$5,100,000</td>
<td>9/3/2014</td>
</tr>
<tr>
<td>41224 / 304</td>
<td>201220012</td>
<td>Admin Building III</td>
<td>Data Center II Utility Redundancy</td>
<td>$817,325</td>
<td>10/21/2014</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>$9,905,340</strong></td>
<td></td>
</tr>
</tbody>
</table>
5.3.A Site Review & Approval/Conference Center & Hotel – Centennial Campus

Requested / Required Action: Site Review & Approval

Functions: The hotel is an Autograph by Marriott branded facility of approximately 164 rooms on four guestroom levels. The hotel program includes public spaces, hotel support areas, ground level fitness center and an outdoor pool and terrace that is designed as an integral part of the landscape and existing natural character of the site. The project includes a one-story, conference facility with a large dividable ballroom and a series of smaller rooms. Adjacent to the ballroom pre-function area is a large event terrace with views to the Park Alumni Center and Lake Raleigh. The project includes about 237 on-grade terraced parking spaces. The facility will be LEED Silver Certified.

Project Scope: $2,800,000 Design/Consultant Costs
$22,400,000 Construction
$2,800,000 Contingency/Other Project Costs
$28,000,000 Total Project Budget

Design Team: Cooper Cary Architects – Lead Designer
Nobel Investments/Concord Eastridge – Developer Team

Master Plan Summary: The Conference Center is a key amenity in the development of the Centennial Campus. It will complete the hospitality neighborhood, and provide a pedestrian connection across the Lake Raleigh dam to the future town center. The project will enhance the shared open space between the Park Alumni Center and Conference Center.


Suggested Motion: Move approval of site for the Conference Center & Hotel.

Funding Source: Private Investment: $28,000,000

Responsible University unit: Office of Finance and Business, Facilities Division
University Presenter/Contact: Lisa Johnson, University Architect
the hotel at nc state university autograph
raleigh, nc/october 29

CAMPUS PLAN

COOPER CARRY

NC STATE UNIVERSITY
future hotel expansion

the hotel at nc state university autograph
raleigh, nc/october 29
the hotel at nc state university autograph
raleigh, nc/october 29
the hotel at nc state university autograph
raleigh, nc/october 29

41 guestrooms per typical floor

2-bay suite

housekeeping

Scale: 1" = 30'-0"
40 guestrooms per level

3-bay executive suite

housekeeping

fifth level

the hotel at nc state university autograph
raleigh, nc/october 29
entry elevations

the hotel at nc state university autograph
raleigh, nc/october 29
the hotel at nc state university autograph
raleigh, nc/october 29

entry perspective
METAL PANEL - SOFFITS, ROOF OVERHANGS - WITH ARCHITECTURAL ACCENT LIGHTING - AND PANELS ABOVE WINDOW SYSTEM

FORMED METAL WALL PANEL IN-FILL

RED BRICK FIELD AND PIERS - DETAILING TO INCLUDE VARIATIONS IN PLANE AND ORIENTATION OF BRICK

ENLARGED ELEVATION AT MAIN ENTRY

CAST STONE BAND AT PODIUM LEVEL

STACKED STONE FEATURE WALL - ELEMENT TO CARRY THROUGH HOTEL LOBBY AND INTO SITE AT ENTRY & EXTERIOR TERRACES

LARGE-FORMAT MASONRY
Agenda Item / Issue:  5.4.A  Plan Review/Conference Center & Hotel
Centennial Campus

Requested / Required Action:  Plan Review

Functions: The hotel is an Autograph by Marriott branded facility of approximately 164 rooms on four guestroom levels. The hotel program includes public spaces, hotel support areas, ground level fitness center and an outdoor pool and terrace that is designed as an integral part of the landscape and existing natural character of the site. The project includes a one-story, conference facility with a large dividable ballroom and a series of smaller rooms. Adjacent to the ballroom pre-function area is a large event terrace with views to the Park Alumni Center and Lake Raleigh. The project includes about 237 on-grade terraced parking spaces. The facility will be LEED Silver Certified.

Project Scope:  
- $2,800,000  Design/Consultant Costs
- $22,400,000  Construction
- $2,800,000  Contingency/Other Project Costs
- $28,000,000  Total Project Budget

Design Team:  Cooper Cary Architects – Lead Designer
Nobel Investments/Concord Eastridge – Developer Team

Master Plan Summary:  The Conference Center is a key amenity in the development of the Centennial Campus. It will complete the hospitality neighborhood, and provide a pedestrian connection across the Lake Raleigh dam to the future town center. The project will enhance the shared open space between the Park Alumni Center and Conference Center.

Recommendation:  Reviewed by CDRP on 10/29/14.

Funding Source:  Private Investment: $28,000,000

Responsible University unit
University Presenter/Contact:  Office of Finance and Business, Facilities Division  
Lisa Johnson, University Architect
## Approval of Plans and Specifications of Formal Projects
### Less than $2,000,000

**Note:** The projects below are submitted to the Trustees’ Buildings and Property Committee for formal acceptance of plans and specifications. This listing represents projects received since the September 18, 2014 meeting.

<table>
<thead>
<tr>
<th>Project</th>
<th>Construction Estimate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>McKimmon Center</strong></td>
<td><strong>$1,060,000</strong></td>
</tr>
<tr>
<td>Project #201312115</td>
<td></td>
</tr>
<tr>
<td>Roof Replacement</td>
<td></td>
</tr>
<tr>
<td>Designer: Atlas Engineering</td>
<td></td>
</tr>
<tr>
<td>Raleigh, NC</td>
<td></td>
</tr>
<tr>
<td>Fund Source: Repair and Renovation</td>
<td></td>
</tr>
<tr>
<td><strong>Research Building III</strong></td>
<td><strong>$452,520</strong></td>
</tr>
<tr>
<td>Project #201311128</td>
<td></td>
</tr>
<tr>
<td>IES Office Relocation</td>
<td></td>
</tr>
<tr>
<td>Designer: Swanson + Stewart Architects</td>
<td></td>
</tr>
<tr>
<td>Raleigh, NC</td>
<td></td>
</tr>
<tr>
<td>Fund Source: Departmental</td>
<td></td>
</tr>
<tr>
<td><strong>DH Hill Erdahl Cloyd Wing</strong></td>
<td><strong>$339,700</strong></td>
</tr>
<tr>
<td>Project #201411070</td>
<td></td>
</tr>
<tr>
<td>Sprinkler Addition</td>
<td></td>
</tr>
<tr>
<td>Designer: Edmondson Engineers P.A.</td>
<td></td>
</tr>
<tr>
<td>Durham, NC</td>
<td></td>
</tr>
<tr>
<td>Fund Source: Repair and Renovation</td>
<td></td>
</tr>
<tr>
<td><strong>CALS Dairy Office &amp; Milking Parlor</strong></td>
<td><strong>$100,000</strong></td>
</tr>
<tr>
<td>Project #201211047</td>
<td></td>
</tr>
<tr>
<td>Exhibit Design for Dairy Museum</td>
<td></td>
</tr>
<tr>
<td>Designer: Design Dimension</td>
<td></td>
</tr>
<tr>
<td>Raleigh, NC</td>
<td></td>
</tr>
<tr>
<td>Fund Source: Departmental</td>
<td></td>
</tr>
</tbody>
</table>
## THE GREENS AT CENTENNIAL

<table>
<thead>
<tr>
<th>Scope</th>
<th>Multi-Family Apartment Complex</th>
</tr>
</thead>
<tbody>
<tr>
<td>Developer</td>
<td>Capital Associates</td>
</tr>
<tr>
<td>Designer</td>
<td>Humphries &amp; Partners</td>
</tr>
<tr>
<td>Budget</td>
<td>$29,000,000</td>
</tr>
<tr>
<td>Funding</td>
<td>Private Developer</td>
</tr>
<tr>
<td>Status</td>
<td>All buildings complete.   Approximately 64% leased.</td>
</tr>
<tr>
<td>Completion</td>
<td>July 2014</td>
</tr>
</tbody>
</table>

## ALLIANCE ONE BUILDING

<table>
<thead>
<tr>
<th>Scope</th>
<th>145,000 SF Office Building with Structured Parking.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Developer</td>
<td>SM Alliance, LLC</td>
</tr>
<tr>
<td>Designer</td>
<td>Jenkins-Peer Architects</td>
</tr>
<tr>
<td>Budget</td>
<td>$37,350,000</td>
</tr>
<tr>
<td>Funding</td>
<td>Private Developer</td>
</tr>
<tr>
<td>Construction Start</td>
<td>January 2012 (grading &amp; foundations)</td>
</tr>
<tr>
<td>Completion</td>
<td>May 2015</td>
</tr>
</tbody>
</table>

## NORTH SHORE RESIDENTIAL

<table>
<thead>
<tr>
<th>Scope</th>
<th>For Sale Townhome / Condominiums</th>
</tr>
</thead>
<tbody>
<tr>
<td>Developer</td>
<td>White Oak Properties</td>
</tr>
<tr>
<td>Designer</td>
<td>J. Davis Architects</td>
</tr>
<tr>
<td>Budget</td>
<td>TBD</td>
</tr>
<tr>
<td>Funding</td>
<td>Private Developer</td>
</tr>
<tr>
<td>Status</td>
<td>Ground lease and development agreement executed with White Oak. Existing HOA documents have been amended and a master HOA organization has been created. Site plan and building permits approved by City of Raleigh. Multiple construction phases.</td>
</tr>
<tr>
<td>Construction Start</td>
<td>October 2014</td>
</tr>
<tr>
<td>Completion</td>
<td>First units – Spring 2015</td>
</tr>
</tbody>
</table>
### CONFERENCE CENTER AND HOTEL

<table>
<thead>
<tr>
<th>Scope</th>
<th>Conference Center and Hotel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Developer</td>
<td>Noble Investments / Concord Eastridge, Inc.</td>
</tr>
<tr>
<td>Designer</td>
<td>Cooper Carry Architects</td>
</tr>
<tr>
<td>Budget</td>
<td>Approximately $28,000,000</td>
</tr>
<tr>
<td>Funding</td>
<td>Private Developer</td>
</tr>
<tr>
<td>Status</td>
<td>Design effort underway. CDRP reviewed on 10/29/14</td>
</tr>
<tr>
<td>Construction Start</td>
<td>Spring 2015</td>
</tr>
<tr>
<td>Completion</td>
<td>Summer 2016</td>
</tr>
</tbody>
</table>

### FLEX BUILDING CENTENNIAL BIOMEDICAL CAMPUS

<table>
<thead>
<tr>
<th>Scope</th>
<th>44,500 SF Flexible Laboratory Building</th>
</tr>
</thead>
<tbody>
<tr>
<td>Developer</td>
<td>Capital Associates</td>
</tr>
<tr>
<td>Designer</td>
<td>Jenkins Peer</td>
</tr>
<tr>
<td>Budget</td>
<td>$10,300,000</td>
</tr>
<tr>
<td>Funding</td>
<td>Private Developer</td>
</tr>
<tr>
<td>Status</td>
<td>Ground lease and space lease negotiations resumed, NC State to occupy 22,500 SF</td>
</tr>
<tr>
<td>Construction Start</td>
<td>Targeting early 2015</td>
</tr>
<tr>
<td>Completion</td>
<td>Dependent upon construction start</td>
</tr>
</tbody>
</table>

### TEXTILES INNOVATION CENTER

<table>
<thead>
<tr>
<th>Scope</th>
<th>80,000 SF Pilot Production Facility and Office Building</th>
</tr>
</thead>
<tbody>
<tr>
<td>Developer</td>
<td>Keystone</td>
</tr>
<tr>
<td>Designer</td>
<td>Hager Smith Design</td>
</tr>
<tr>
<td>Budget</td>
<td>TBD</td>
</tr>
<tr>
<td>Funding</td>
<td>Private Developer</td>
</tr>
<tr>
<td>Status</td>
<td>Development Feasibility Study underway. The effort will establish costs and rental rates for 40,000 SF to be occupied by Nonwovens Institute</td>
</tr>
<tr>
<td>Construction Start</td>
<td>TBD</td>
</tr>
<tr>
<td>Completion</td>
<td>TBD</td>
</tr>
</tbody>
</table>
### TOWN CENTER

<table>
<thead>
<tr>
<th><strong>Scope</strong></th>
<th>500,000 SF on 17 acres - Ground Floor Retail with Offices and Residential space above</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Developer</strong></td>
<td>Selection process to begin in mid 2015</td>
</tr>
<tr>
<td><strong>Designer</strong></td>
<td>TBD</td>
</tr>
<tr>
<td><strong>Budget</strong></td>
<td>Expected to be more than $75 million</td>
</tr>
<tr>
<td><strong>Funding</strong></td>
<td>Private Developer</td>
</tr>
<tr>
<td><strong>Status</strong></td>
<td>Urban Land Institute conducted an analysis of the proposed scope and recommended more office space with less retail space.</td>
</tr>
<tr>
<td><strong>Construction Start</strong></td>
<td>Targeting early 2017</td>
</tr>
<tr>
<td><strong>Completion</strong></td>
<td>Depends upon phasing</td>
</tr>
</tbody>
</table>

### LEASING ACTIVITY OF NOTE

- ABB to occupy 3 floors of Alliance (from Venture I)
- Institute For Advanced Analytics to relocate and expand into Alliance (from Venture II)
- IES to relocate to Research III (from Research IV)
- State Climate Office to expand in Research III
- Power America to occupy 2nd floor of Venture Place

### SIGNIFICANT CAPITAL PROJECTS

- Partners I HVAC renovation is under construction
- Research II HVAC renovation is in design
- Research III HVAC upgrade is in design
### Capital Projects at a Glance

<table>
<thead>
<tr>
<th>Code/Item</th>
<th>Project Name</th>
<th>Bid</th>
<th>Expected Acceptance</th>
<th>Total Project Budget</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>41324 354</td>
<td>DH Hill Fire Alarm Upgrades</td>
<td>Design</td>
<td>10/15/14</td>
<td>6/30/15</td>
<td>$922K CD Review Underway</td>
</tr>
<tr>
<td>41324 302</td>
<td>Re-Use Water Line Extension</td>
<td>Design</td>
<td>11/5/14</td>
<td>8/7/15</td>
<td>$1.2M CD Review Underway</td>
</tr>
<tr>
<td>41324 356</td>
<td>Ricks Hall</td>
<td>Design</td>
<td>11/10/14</td>
<td>8/11/15</td>
<td>$3.64M CD Review Underway</td>
</tr>
<tr>
<td>41324 350</td>
<td>McKinnon Center Roof Replacement</td>
<td>Design</td>
<td>11/13/14</td>
<td>5/25/15</td>
<td>$1.06M CD Production Underway</td>
</tr>
<tr>
<td>41324 353</td>
<td>Park Alumni Center HVAC</td>
<td>Design</td>
<td>12/11/14</td>
<td>10/6/15</td>
<td>$976K CD Production Underway</td>
</tr>
<tr>
<td>41424 302</td>
<td>Research III HVAC</td>
<td>Design</td>
<td>12/15/14</td>
<td>7/24/15</td>
<td>$500K CD Production Underway</td>
</tr>
<tr>
<td>41224 319</td>
<td>Farmers Market Park &amp; Ride Lot</td>
<td>Design</td>
<td>12/19/14</td>
<td>5/28/15</td>
<td>$998K CD Review Underway</td>
</tr>
<tr>
<td>40824 313</td>
<td>Gregg Museum</td>
<td>Design</td>
<td>1/20/15</td>
<td>7/4/16</td>
<td>$9.6M CD Review Underway</td>
</tr>
<tr>
<td>41224 311</td>
<td>Reynolds Coliseum Renovation</td>
<td>Design</td>
<td>2/18/15</td>
<td>8/15/16</td>
<td>$35M CD Production Underway</td>
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<tr>
<td>41424 304</td>
<td>Millstone 4-H History &amp; Learning Center</td>
<td>Design</td>
<td>2/25/15</td>
<td>8/17/15</td>
<td>$1.5M SD/DD Production Underway</td>
</tr>
<tr>
<td>41324 309</td>
<td>Greek Infrastructure Phase II</td>
<td>Design</td>
<td>3/25/15</td>
<td>11/24/16</td>
<td>$6M CD Production Underway</td>
</tr>
<tr>
<td>41424 305</td>
<td>Lee Hall Stairwell Upgrade</td>
<td>Design</td>
<td>3/30/15</td>
<td>7/31/15</td>
<td>$500K CD Production Underway</td>
</tr>
<tr>
<td>40824 304</td>
<td>Research II HVAC</td>
<td>Design</td>
<td>3/31/15</td>
<td>12/3/15</td>
<td>$2M CD Production Underway</td>
</tr>
<tr>
<td>41324 301</td>
<td>Carmichael Gym Locker Rooms</td>
<td>Design</td>
<td>4/15/15</td>
<td>1/27/16</td>
<td>$7.6M CD Production Underway</td>
</tr>
<tr>
<td>40824 304</td>
<td>Research IV USGS Upfit</td>
<td>Design</td>
<td>4/28/15</td>
<td>9/24/15</td>
<td>$900K Designer Advertisement Underway</td>
</tr>
<tr>
<td>41224 352</td>
<td>Centennial Campus Substation Expansion</td>
<td>Design</td>
<td>6/1/15</td>
<td>3/14/16</td>
<td>$3.56M SD/DD Production Underway</td>
</tr>
<tr>
<td>41324 307</td>
<td>3501 Avent Ferry Road Renovation</td>
<td>Design</td>
<td>6/2/15</td>
<td>2/9/16</td>
<td>$1.3M SD/DD Production Underway</td>
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<tr>
<td>41224 308</td>
<td>Golden Leaf Biofuels Pilot Plant</td>
<td>Construction</td>
<td>10/3/14</td>
<td>$426K 95% Construction Complete</td>
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<tr>
<td>41224 310</td>
<td>Centennial Campus - Gateway at Trailwood</td>
<td>Construction</td>
<td>10/3/14</td>
<td>$1.5M 80% Construction Complete</td>
<td></td>
</tr>
<tr>
<td>41224 304</td>
<td>Data Center II</td>
<td>Construction</td>
<td>10/14/14</td>
<td>$1.3M 99% Construction Complete</td>
<td></td>
</tr>
<tr>
<td>41224 306</td>
<td>CCUP Capacity Expansion</td>
<td>Construction</td>
<td>10/30/14</td>
<td>$3.49M 96% Construction Complete</td>
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<tr>
<td>41224 302</td>
<td>CVM 3rd Floor Lab Module C Renov.</td>
<td>Construction</td>
<td>11/24/14</td>
<td>$2.75M 70% Construction Complete</td>
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<tr>
<td>41024 315</td>
<td>HB 1292 Utility Savings</td>
<td>Construction</td>
<td>5/1/15</td>
<td>$1.1M 93% Construction Complete</td>
<td></td>
</tr>
<tr>
<td>40824 304</td>
<td>Partners I - HVAC</td>
<td>Construction</td>
<td>2/10/15</td>
<td>$5.0M 10% Construction Complete</td>
<td></td>
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<tr>
<td>40824 313</td>
<td>Talley Student Center Addition and Renovation</td>
<td>Construction</td>
<td>3/30/15</td>
<td>$122M 84% Construction Complete</td>
<td></td>
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<tr>
<td>41024 314</td>
<td>Facilities Operations Support - CBC</td>
<td>Construction</td>
<td>6/15/15</td>
<td>$2.1M 0% Construction Complete</td>
<td></td>
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<tr>
<td>41224 301</td>
<td>Phytotron Performance Contract</td>
<td>Complete</td>
<td>9/3/14</td>
<td>$6.0M Accepted 9/3/14</td>
<td></td>
</tr>
<tr>
<td>41024 306</td>
<td>Broughton Hall</td>
<td>On Hold</td>
<td>SD approved; Project On Hold</td>
<td></td>
<td></td>
</tr>
<tr>
<td>40924 307</td>
<td>Greek Village Townhomes</td>
<td>On Hold</td>
<td>AP SCO on 1/7/11; Project On Hold</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NORTH CAROLINA STATE UNIVERSITY**
<table>
<thead>
<tr>
<th>Submission Number</th>
<th>Project Name</th>
<th>Scope</th>
<th>Designer</th>
<th>Firm Name</th>
<th>Designer of Record</th>
<th>Physical Environment Committee</th>
<th>Trustees EPC-SPC-Selection</th>
<th>Campus Design Review Panel</th>
<th>Trustees EPC-Review</th>
<th>Estimated Start</th>
<th>Estimated Completion</th>
<th>Construction Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>017</td>
<td>Conference Center Hotel</td>
<td>Dan Allen Gateway</td>
<td>Concord Eastbridge</td>
<td>288,000</td>
<td>Cooper Cary Architects</td>
<td>08/10/13</td>
<td>10/22/14</td>
<td>11/20/14</td>
<td>10/22/14</td>
<td>10/29/00</td>
<td>4/24/02</td>
<td>11/20/14</td>
</tr>
<tr>
<td>126</td>
<td>Broughton Hall Addition &amp; Renovation</td>
<td>Yates Mill Multipurpose Building</td>
<td>TME investments</td>
<td>$60,000</td>
<td>CHS Design Associates</td>
<td>09/09/13</td>
<td>10/29/12</td>
<td>11/20/12</td>
<td>10/22/12</td>
<td>10/29/12</td>
<td>4/24/14</td>
<td>11/20/12</td>
</tr>
<tr>
<td>135</td>
<td>Textiles Innovation Center</td>
<td>The Shores Residential Project</td>
<td>J.G. Craig, Architects</td>
<td>$3,200,000</td>
<td>Jenkins-Peer Architects</td>
<td>03/12/10</td>
<td>11/16/11 (Deck)</td>
<td>11/16/11 (Deck)</td>
<td>11/16/11 (Deck)</td>
<td>11/16/11 (Deck)</td>
<td>11/16/11 (Deck)</td>
<td>11/16/11 (Deck)</td>
</tr>
</tbody>
</table>

**Upcoming Projects**

- Sigma Pi Epsilon
  - $3,200,000
  - Hampton Smith
  - 2012

**Approved Projects**

- The Shores Residential Project - Phase I
  - $25,000,000
  - White Oak Properties
  - 07/10/10

- Center for Marine Sciences & Technology (CMAST) Guest House
  - $1,500,000
  - Maune Belangia Faulkberry Architects
  - 05/10/10

- Center for Biomedical Campus Flex Building
  - $10,000,000
  - Capital Associates
  - 05/10/10

- Alliance Center
  - $27,500,000
  - Greg Davis Properties
  - 05/10/10

- Shrub Dairy Retail Facility
  - $2,400,000
  - J.G. Craig, Architects
  - 05/10/10

- Yates Mill Multipurpose Building
  - $250,000
  - J.G. Craig, Architects
  - 05/10/10

- Talley Student Center Addition and Renovation
  - $120,000,000
  - Duda Paine
  - 05/10/10

- Dan Allen Gateway
  - $171,000
  - OBS Landscape Architects and Planners
  - 05/10/10

- J同年
  - $500,000
  - WRN Architects
  - 05/10/10

- Gregg Museum of Art and Design
  - $7,500,000
  - Freeman & Associates
  - 05/10/10

- Ball View Hotel (Aloft Hotel)
  - $10,000,000
  - Sandlin Design Associates
  - 05/10/10

- Center for the Arts & Humanities
  - $500,000
  - CHS Design Associates
  - 05/10/10

- Kunde Coliseum Renovation
  - $35,000,000
  - Conley Redwood
  - 05/10/10

- Indoor Practice Facility
  - $14,000,000
  - TA Living Construction
  - 05/10/10

- Merrill House
  - $400,000
  - Sears Design Group
  - 05/10/10

- Pullen Road Entrance Improvements
  - $100,000
  - Lynn & Steen
  - 05/10/10

- Ricks Hall Exterior Improvements
  - $8,000,000
  - HH Architecture
  - 05/10/10

**Estimated Completion Dates**

- Conference Center Hotel: March, 2015
- Broughton Hall Addition & Renovation: March, 2015
- Textiles Innovation Center: March, 2015
- The Shores Residential Project - Phase I: March, 2015
- Center for Marine Sciences & Technology (CMAST) Guest House: March, 2015
- Center for Biomedical Campus Flex Building: March, 2015
- Alliance Center: March, 2015
- Shrub Dairy Retail Facility: March, 2015
- Yates Mill Multipurpose Building: March, 2015
- Talley Student Center Addition and Renovation: March, 2015
- Dan Allen Gateway: March, 2015
- J同年: March, 2015
- Gregg Museum of Art and Design: March, 2015
- Ball View Hotel (Aloft Hotel): March, 2015
- Center for the Arts & Humanities: March, 2015
- Kunde Coliseum Renovation: March, 2015
- Indoor Practice Facility: March, 2015
- Merrill House: March, 2015
- Pullen Road Entrance Improvements: March, 2015
- Ricks Hall Exterior Improvements: March, 2015

**Total Estimated Cost**

- Conference Center Hotel: $288,000
- Broughton Hall Addition & Renovation: $60,000
- Textiles Innovation Center: $3,200,000
- The Shores Residential Project - Phase I: $25,000,000
- Center for Marine Sciences & Technology (CMAST) Guest House: $1,500,000
- Center for Biomedical Campus Flex Building: $10,000,000
- Alliance Center: $27,500,000
- Shrub Dairy Retail Facility: $2,400,000
- Yates Mill Multipurpose Building: $250,000
- Talley Student Center Addition and Renovation: $120,000,000
- Dan Allen Gateway: $171,000
- J同年: $500,000
- Gregg Museum of Art and Design: $7,500,000
- Ball View Hotel (Aloft Hotel): $10,000,000
- Center for the Arts & Humanities: $500,000
- Kunde Coliseum Renovation: $35,000,000
- Indoor Practice Facility: $14,000,000
- Merrill House: $400,000
- Pullen Road Entrance Improvements: $100,000
- Ricks Hall Exterior Improvements: $8,000,000

**Total Estimated Cost: $392,000,000**