

Connect NC Update

Joint Legislative Oversight Committee on
Capital Improvements

Prepared by:

The Office of State Budget and Management

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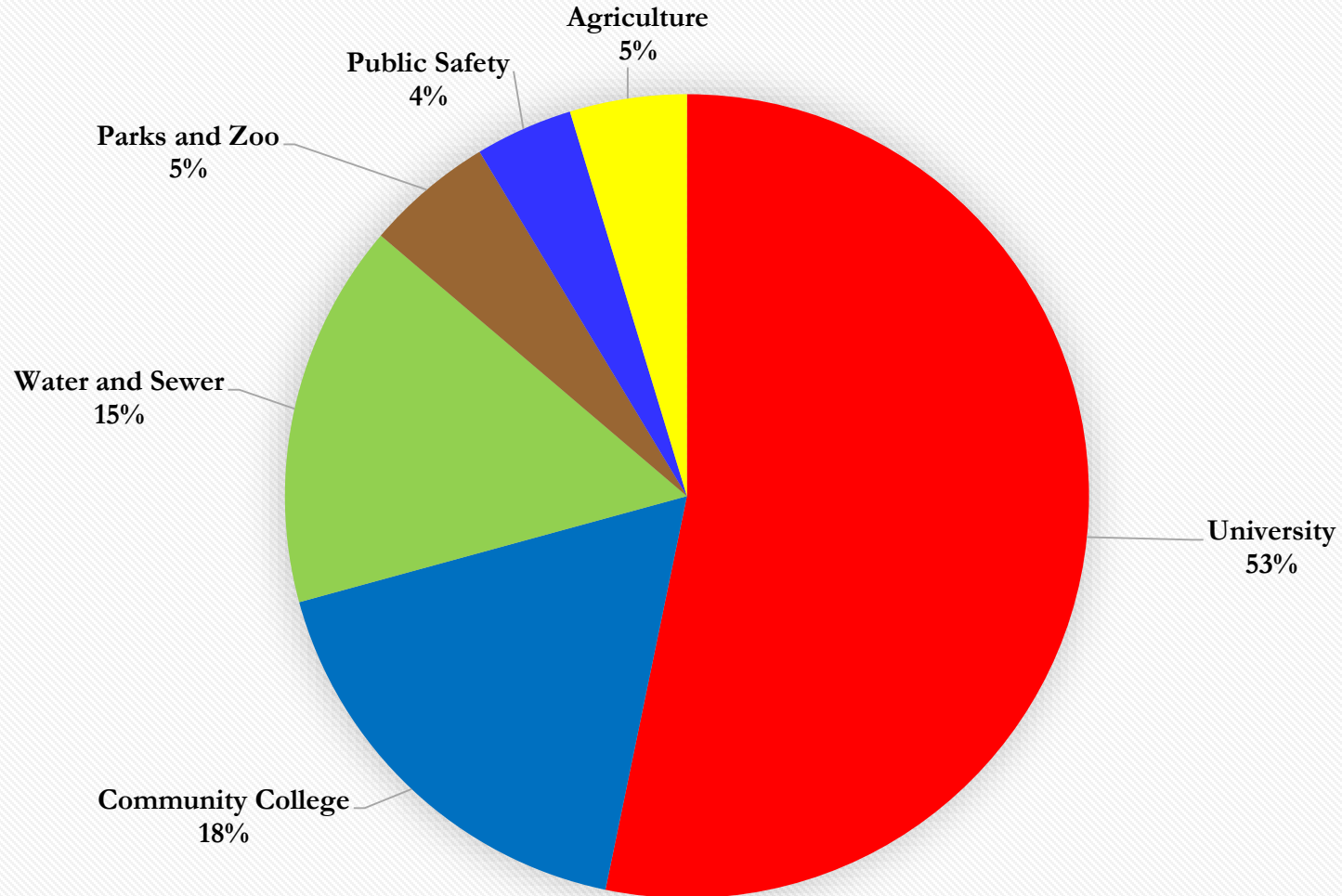


Connect NC Bond Information

- The Connect NC Bond Act was passed by the General Assembly in 2015 and approved by the Voters in March 2016
- The Connect NC Bond is a \$2 Billion Bond supporting University, Community College, Public Safety, State and Local Parks, NC Zoo, and Agriculture



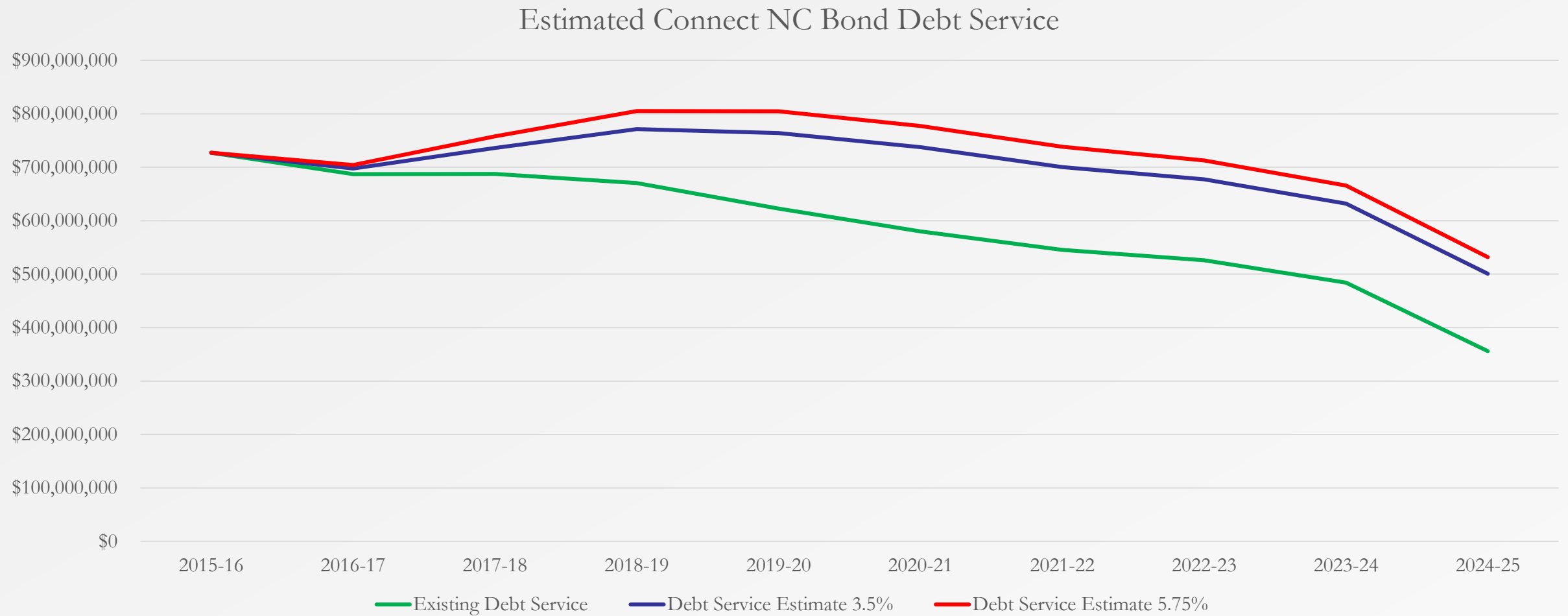
Connect NC Bond Information



Agriculture includes only the Department of Agriculture and Consumer Services Project. The Plant Sciences Building is included in the University Total



Debt Service Projections (Prior to Sale of Connect NC Bond)





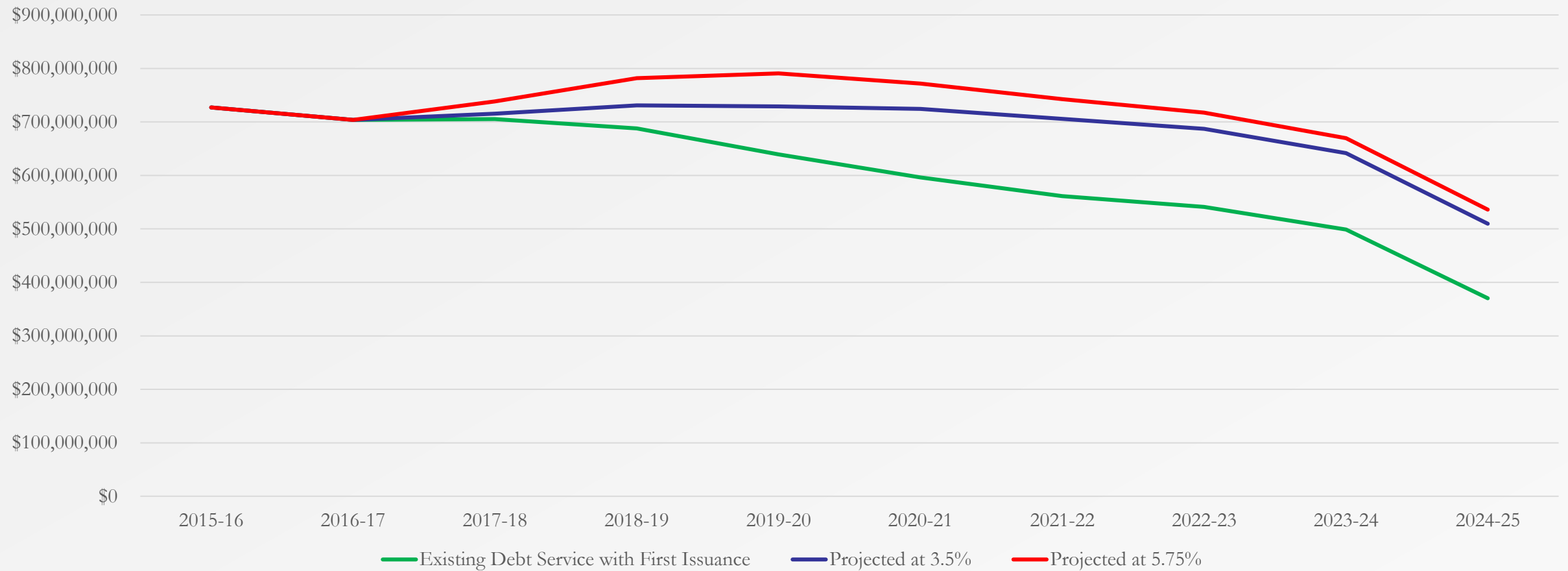
Debt Service (First Sale of Connect NC Bond)

- The First Issuance of the Connect NC Bond was sold in August 2016 at an interest rate of 2.079%
- The First Connect NC Bond sale was for \$200 Million
- The State issues debt based on the cash flow needs of the projects being financed.



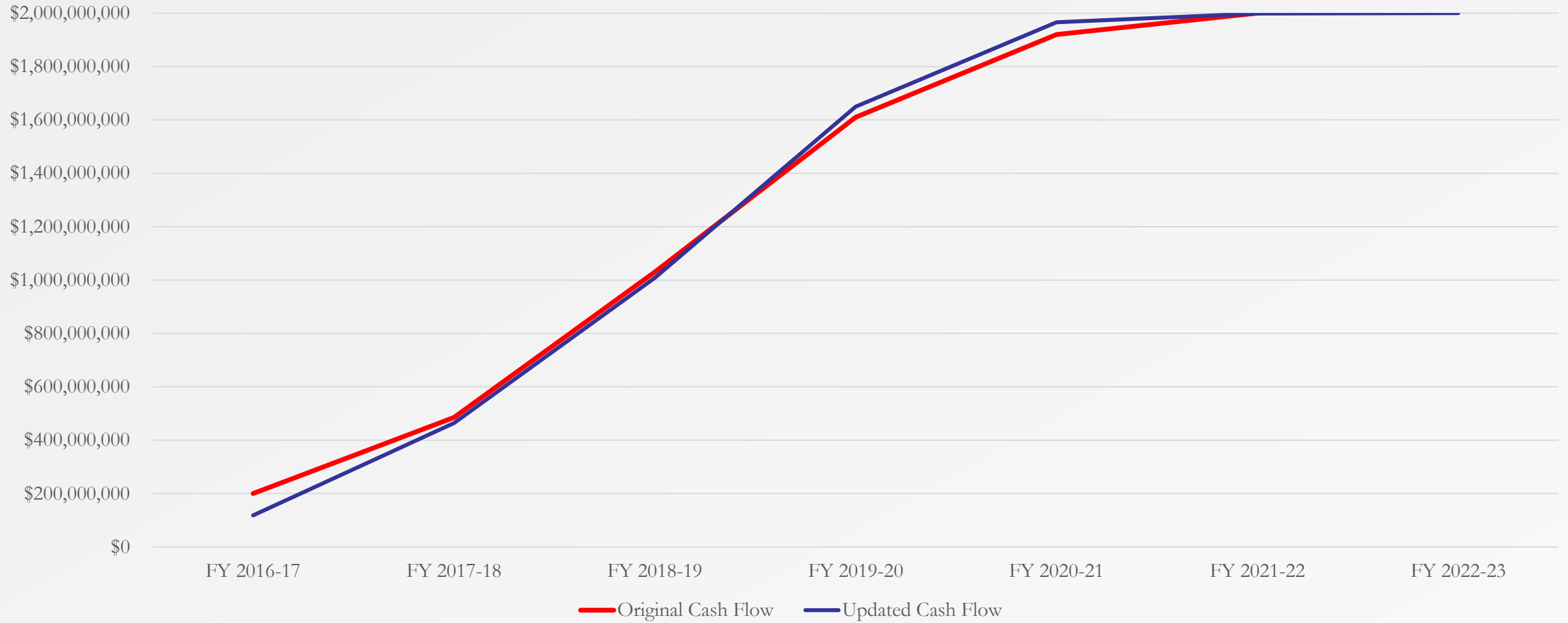
Debt Service Schedule (Post First Connect NC Bond Issuance)

Estimated Connect NC Bond Debt Service After First Debt Issuance



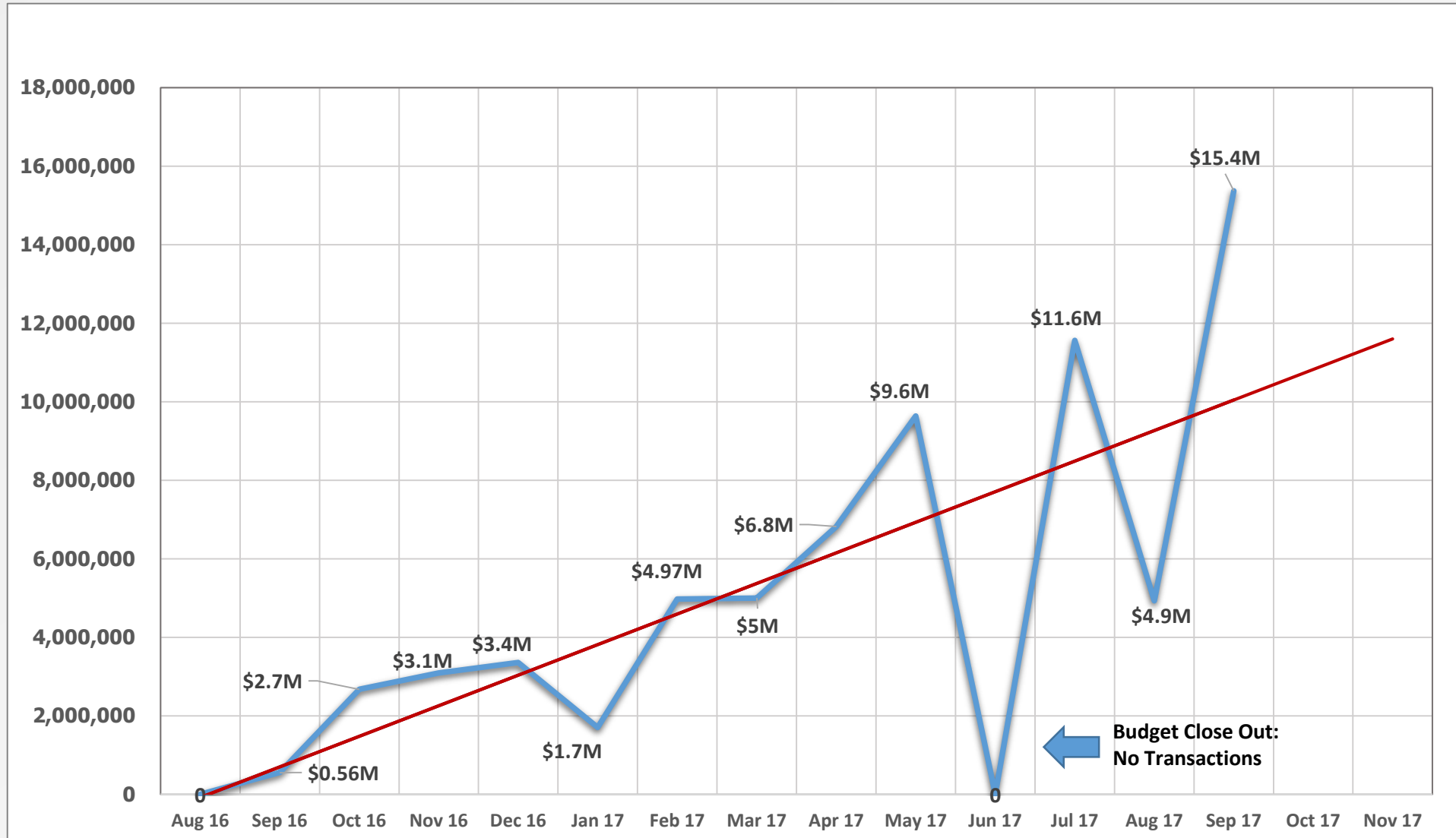


Projected Connect NC Project Cash Flow





Connect NC Bond Expenditures





Summary Project Detail



Project Updates – Community Colleges

Community Colleges received \$350 Million in Connect NC Proceeds

- Amount Allocated: \$240,100,120
 - New Construction: 52% of Projects
 - Repairs and Renovation: 48% of Projects
- Amount Remaining to be Allocated: \$109,899,880
- Community College Campuses Matching Funds: \$86,774,859
- New projects are approved by the State Board of Community Colleges Monthly



Project Updates – Community Colleges

Project Status:

- Sixty-five (65) approved by State Board awaiting design contracts
- Eight (8) projects are under design – advance planning stage
- Sixty-five (65) projects are under design
- Forty-eight (48) projects are under construction
- Nine (9) projects are closed out
- Five (5) land purchases have closed



Project Updates: Community Colleges

Rowan Community College: Building 300 Renovation (Before and After)





Project Updates: Community Colleges

Rockingham Community College: Center for Advanced Manufacturing Renovations





Project Updates – University of North Carolina

University of North Carolina received \$1,065,000,000 in Connect NC Proceeds

- Universities matching \$225,667,232 in non-State funds
- All funds have been allocated to specific projects – 21 Projects Total
- Two (2) projects in construction: Appalachian State, Western Carolina
- One (1) Winston Salem State will break ground at the end of 2017
- Of remaining projects:
 - All Projects Have Selected Designer
 - One is still pursuing external fund raising opportunities (UNC Pembroke)



Appalachian State Health Sciences Building





Appalachian State Health Sciences Building





UNC Greensboro: Nursing and Instructional Building





Project Updates – Water and Sewer Infrastructure

Department of Environmental Quality Received \$209,500,000 for water and sewer loans (Revolving Fund Loan Program) and \$100,000,000 in water and sewer grants

- Department has completed 3 rounds of applications: January 2017, July 2017, September 2017
- Currently awarded \$74,806,908 in grants and \$136,105,962 in loans with \$98,587,130 remaining to award from the last round of applications
- Projects are funded on a reimbursement cycle with no funds expected to be drawn until FY 2018-19



Project Updates – Water and Sewer Infrastructure

Examples of Projects Funded Under First Two Award Rounds:

- Town of McAdenville: Connection to Two Rivers Utility (Wastewater)
- Cape Fear Public Utility Authority: EPA Consent Decree Improvements (Wastewater)
- City of Eden: Water Line Extension
- Town of Valdese: Water Meter Replacement
- City of Graham: Wastewater Line Replacement
- Tuskasegee Water and Sewer Authority: Wastewater Line Replacement and New Pump Stations



Project Updates – Department of Public Safety

Received \$8,500,000 for Phase II of the Samarcand Training Academy

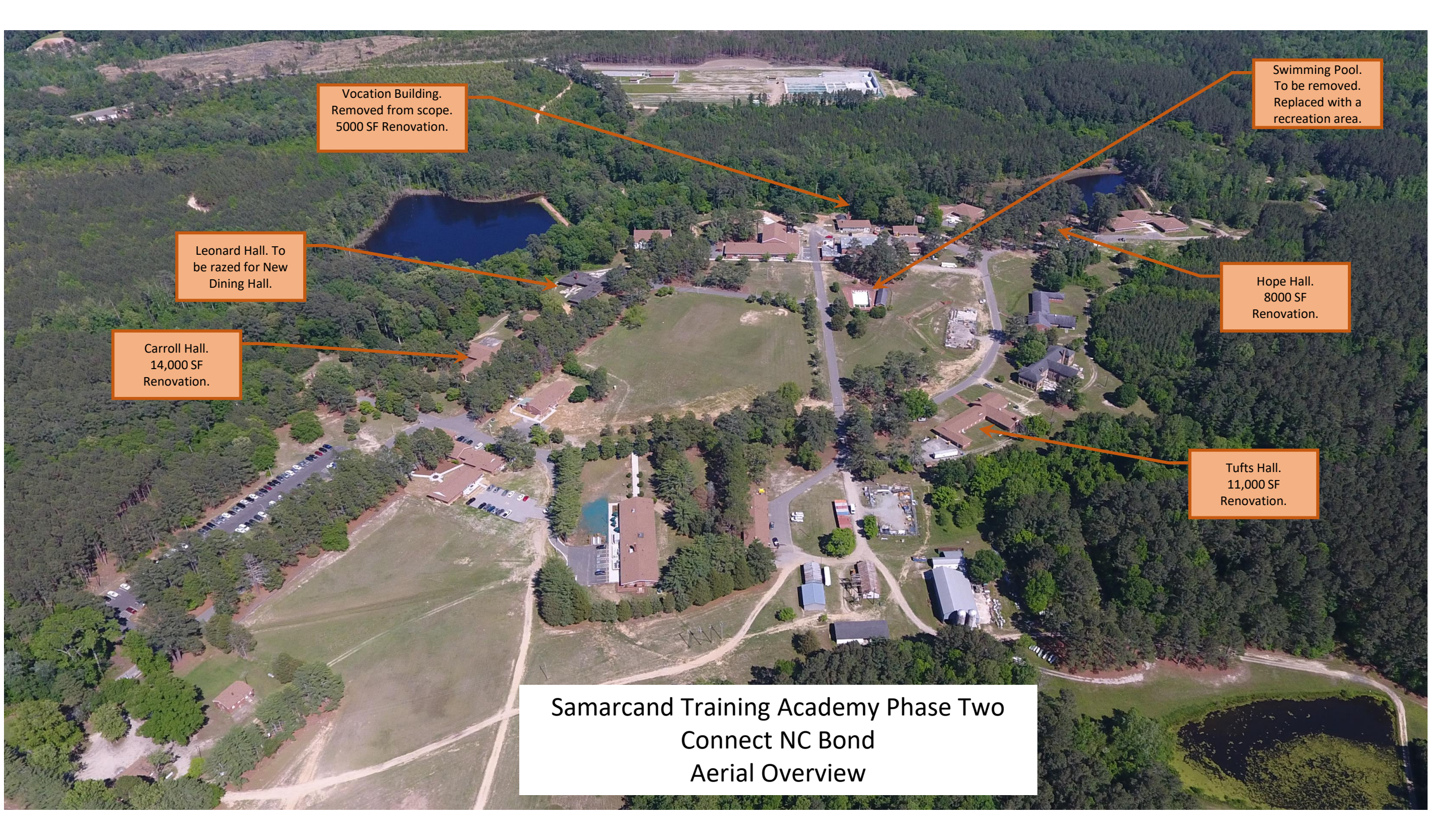
– Dormitory Renovations:

- 1) Hope Hall – design and 90% construction complete, delivery scheduled for mid November 2017;
- 2) Carroll Hall – design and 5% construction complete, delivery scheduled for 4th quarter of calendar year 2018;
- 3) Tufts Hall – design complete and is in material procurement, construction start scheduled for 1st quarter of calendar year 2018, completion scheduled for 3rd quarter of calendar year 2019

– Dining Hall: design will be issued for construction by late October 2017, construction start scheduled for March 2018, completion scheduled for 3rd quarter of calendar year 2019

– Tactical Training Building – under scope development

– Swimming Pool Removal – design complete, construction will fit into the overall project schedule during calendar year 2018



Vocation Building.
Removed from scope.
5000 SF Renovation.

Swimming Pool.
To be removed.
Replaced with a
recreation area.

Leonard Hall. To
be razed for New
Dining Hall.

Hope Hall.
8000 SF
Renovation.

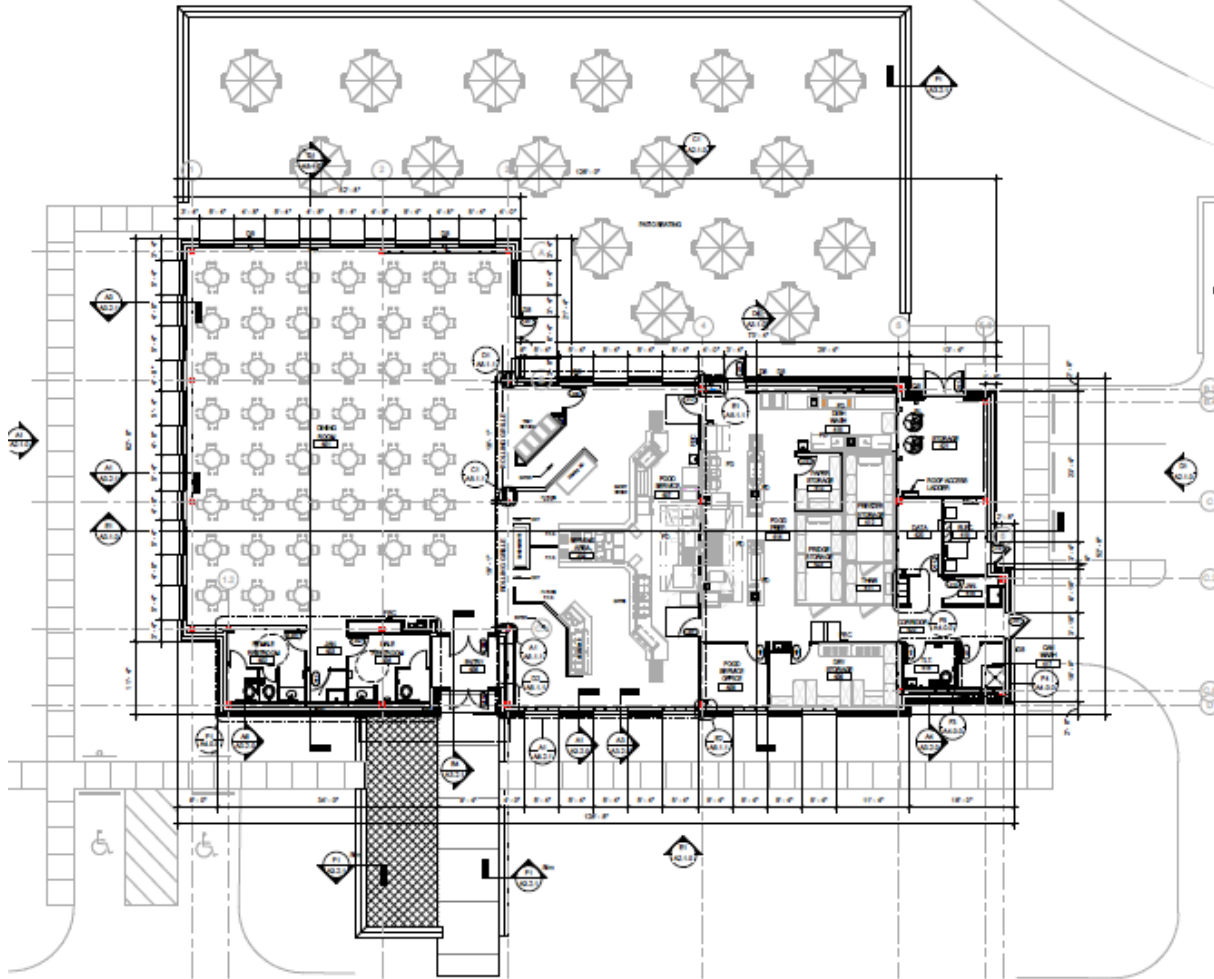
Carroll Hall.
14,000 SF
Renovation.

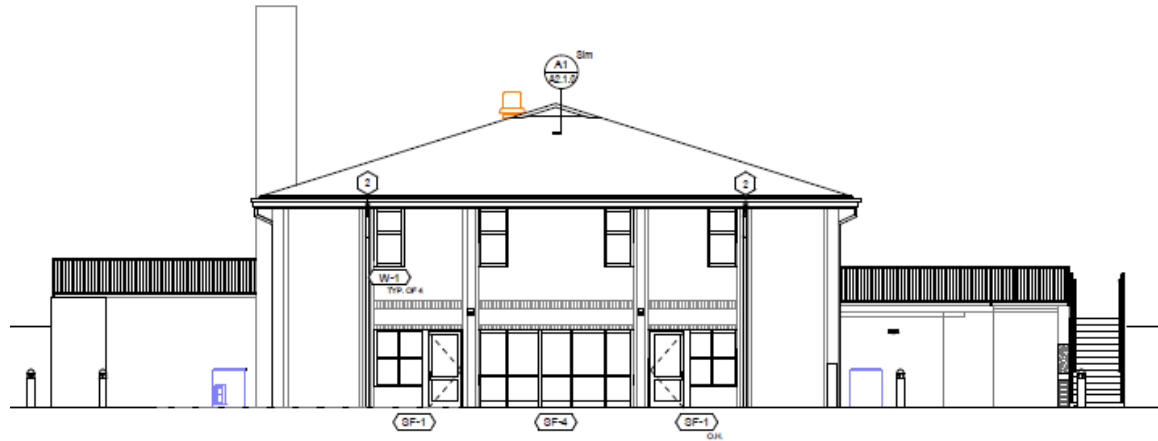
Tufts Hall.
11,000 SF
Renovation.

Samarcand Training Academy Phase Two
Connect NC Bond
Aerial Overview

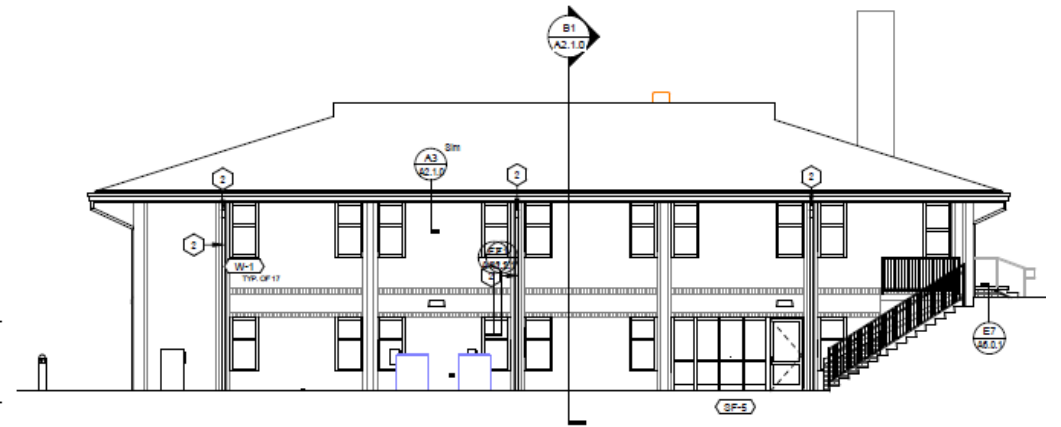
New Dining Hall

- 8000 SF New Construction
- Four Serving Lines
- 200 Person Indoor Seating
- 50 Person Outdoor Seating
- Located on Former Leonard Hall Site

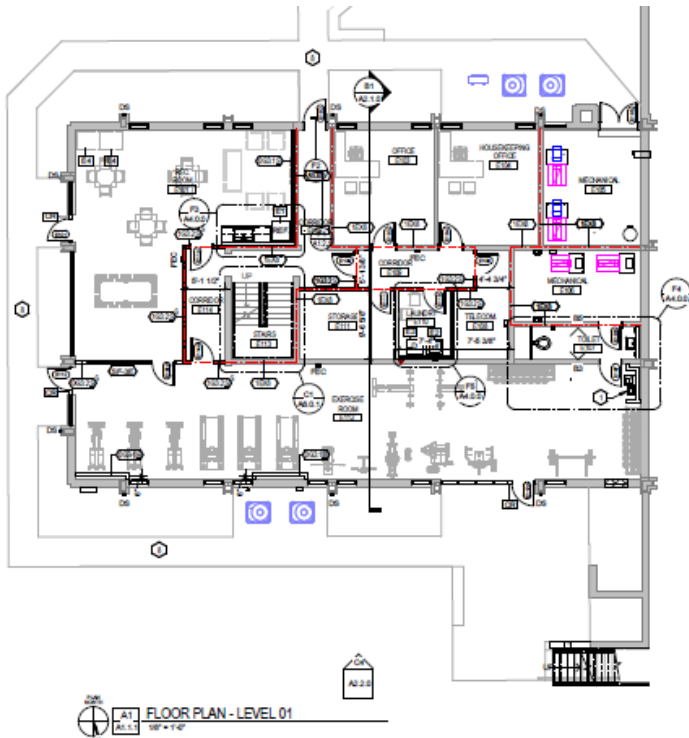




C1 WEST ELEVATION
A2.1.0 1/8" = 1'-0"

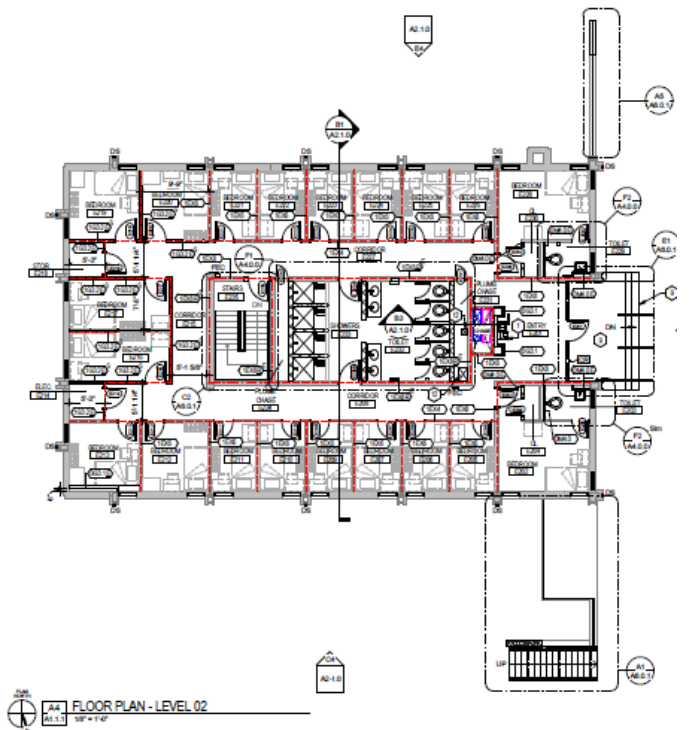


C4 SOUTH ELEVATION
A2.1.0 1/8" = 1'-0"

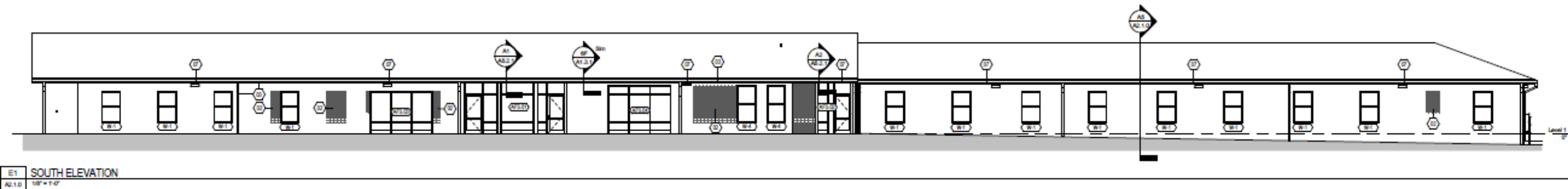


A1 FLOOR PLAN - LEVEL 01
A2.1.0 1/8" = 1'-0"

- ### Hope Hall
- 8000 SF Renovation
 - 20 Dorm Rooms
 - Cardio/Weight Room
 - Housekeeping offices
 - Recreation Room

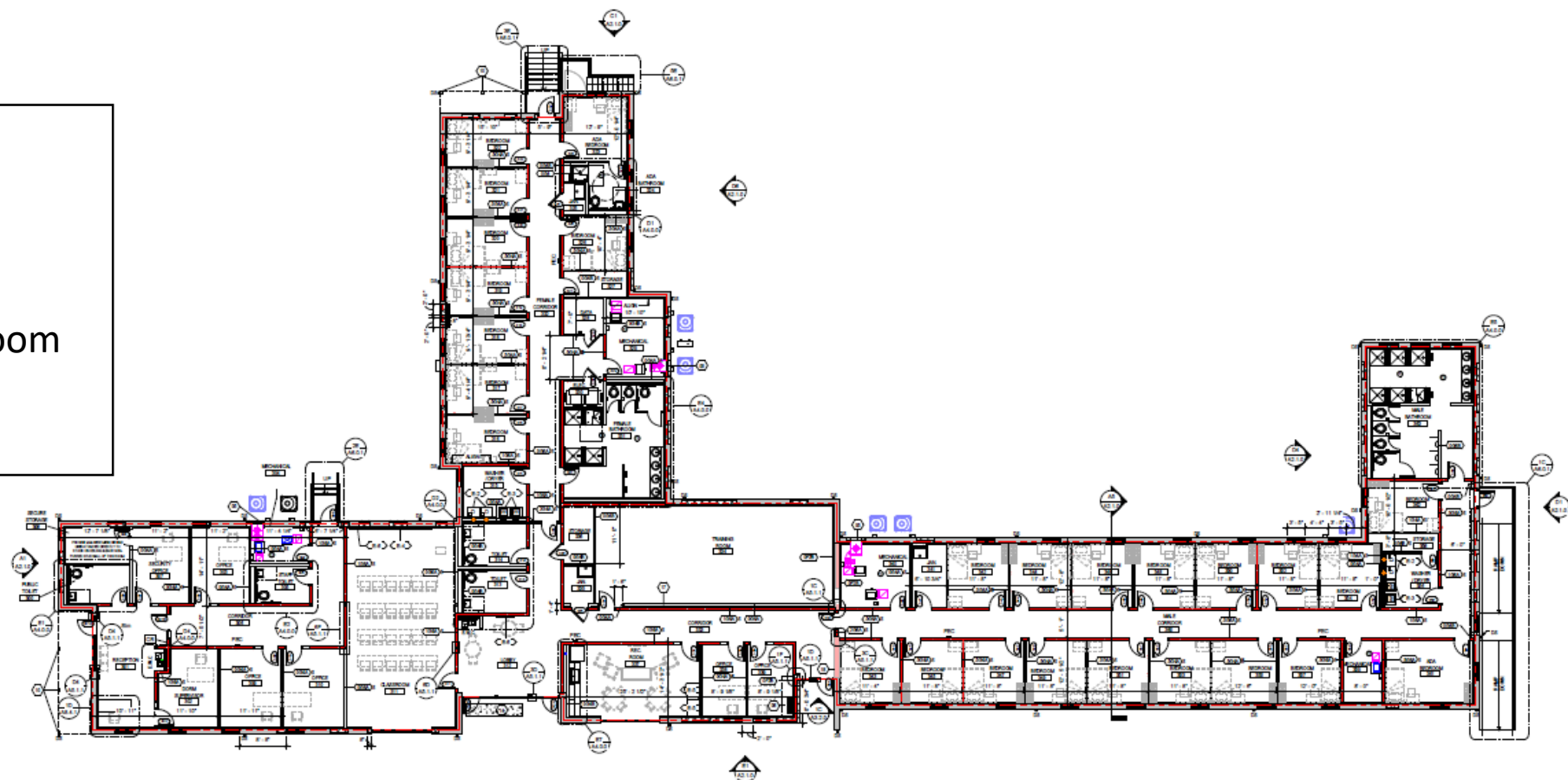


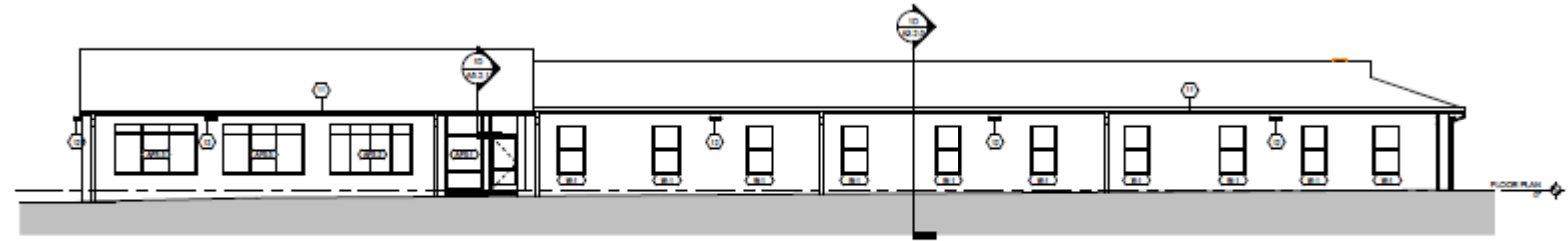
A4 FLOOR PLAN - LEVEL 02
A2.1.0 1/8" = 1'-0"



Carroll Hall

- 14,000 SF Renovation
- 27 Dorm Rooms
- Classroom
- Physical Contact Training Room
- Administrative offices
- Recreation Room

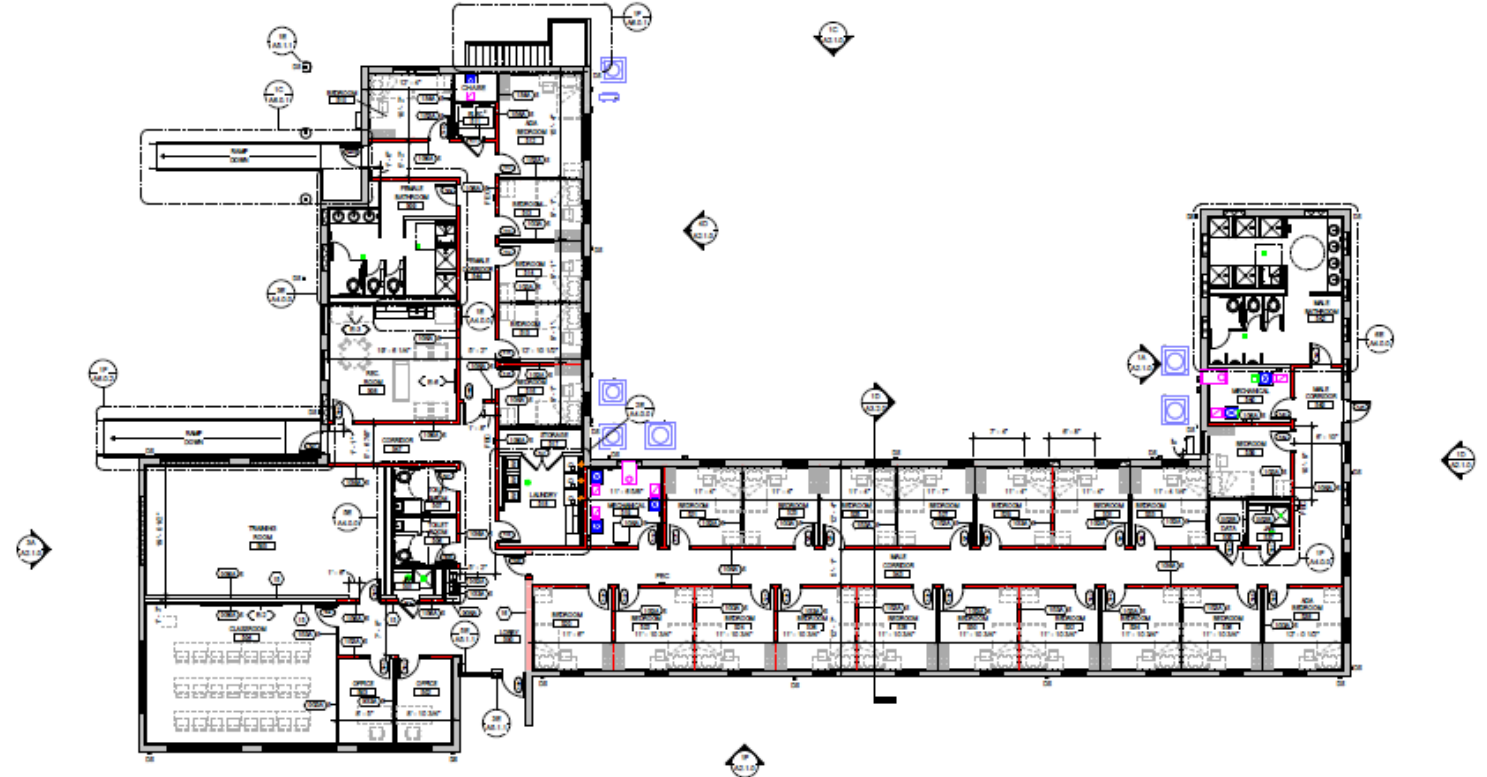




1P NORTH ELEVATION
AS 1.0 18' x 110'

Tufts Hall

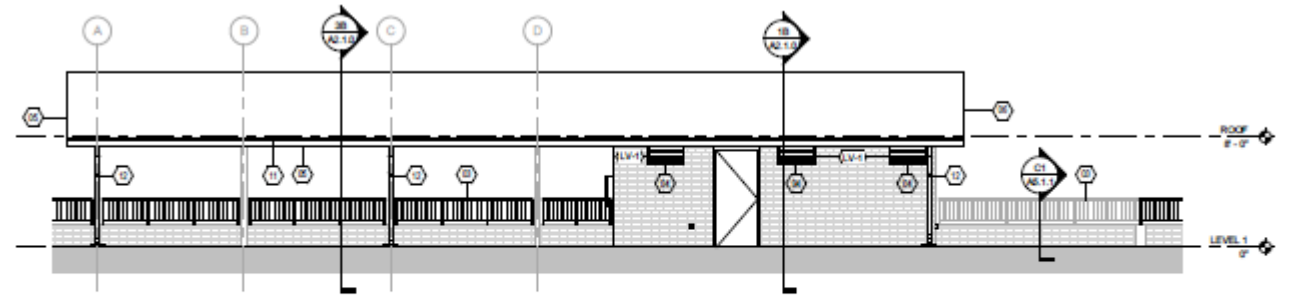
- 11,000 SF Renovation
- 24 Dorm Rooms
- Classroom
- Physical Contact Training Room
- Recreation Room



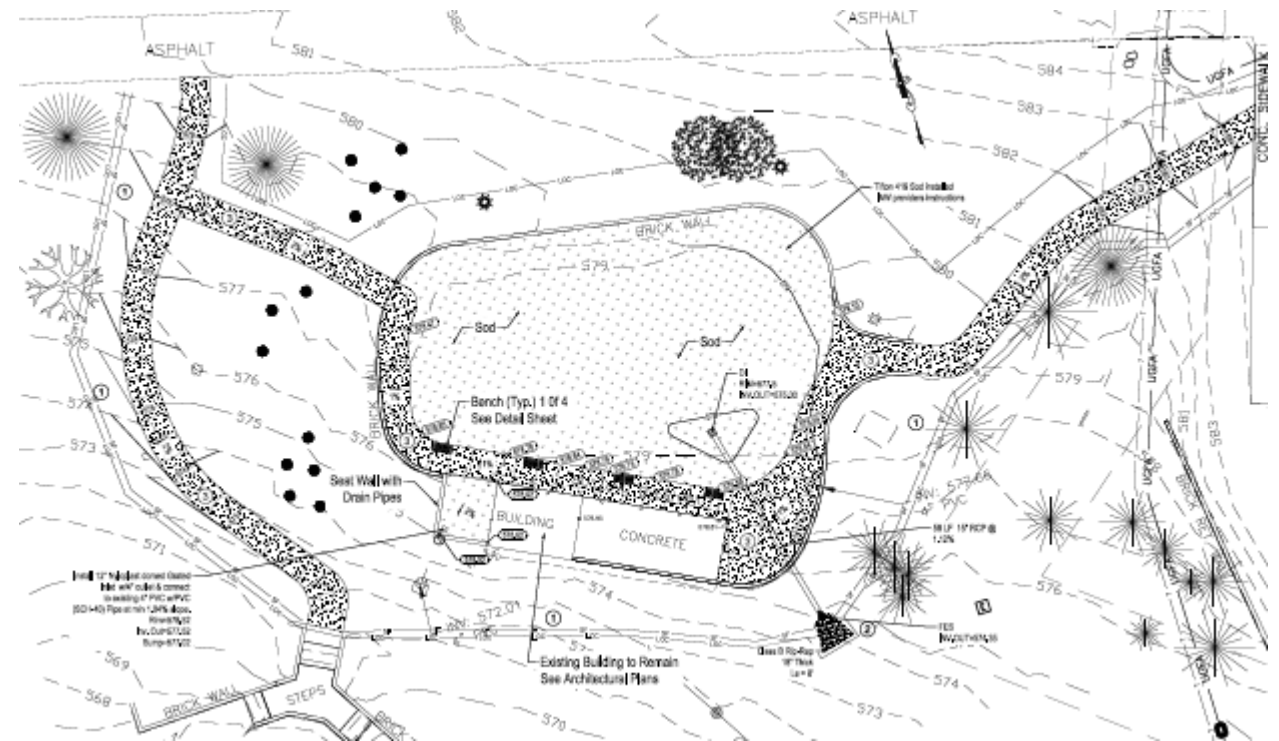
A1 FLOOR PLAN - FIRST FLOOR
AS 1.0 18' x 110'

Pool Site

- Remove former swimming pool
- Convert Pool House to a Picnic Pavilion
- Convert pool area to a landscaped gathering space



30 EXTERIOR ELEVATION - SOUTH
AS 1.0 3/16" = 1'-0"





Project Updates – Department of Public Safety

Received \$70 million for Three North Carolina National Guard Readiness Centers:

- Burke County: Advance planning complete, currently in Phase I Design with the demolition of the current Western Youth Institute scheduled no earlier than January, concurrently Phase II of design is at 35% Schematic Design
- Guilford County: currently finalizing unit force structure and approvals through National Guard Bureau for environmental and a real estate action plan, designer is completing a utility infrastructure strategy for the site
- Wilkes County: currently in preliminary Development Planning of the site location





North Carolina State Parks Received \$75 million for projects at each State park

- All NC Park Projects have been identified
- Ten (10) Land Acquisitions To Expand Parks
- Twelve (12) Camping/Cabin Area Improvements
- Nine (9) Visitor and Community Center Projects
- Four (4) Access Improvements (Parking and Roads)
- Four (4) Day Use Improvements (Boat ramps, Public Access Facilities, Etc)
- Five (5) Other Projects (Renovations, Bathroom Facilities, Etc).



Project Status:

- Two (2) Construction Projects Complete
- Ten (10) Construction Projects in Design
- Seven (7) Designer Interviews Scheduled
- One (1) Under Internal Staff Planning
- Five (5) Land Acquisitions Expended Funds



Project Updates: Pilot Mountain State Park Visitors Center





Project Updates: Pilot Mountain State Park Visitor Center:



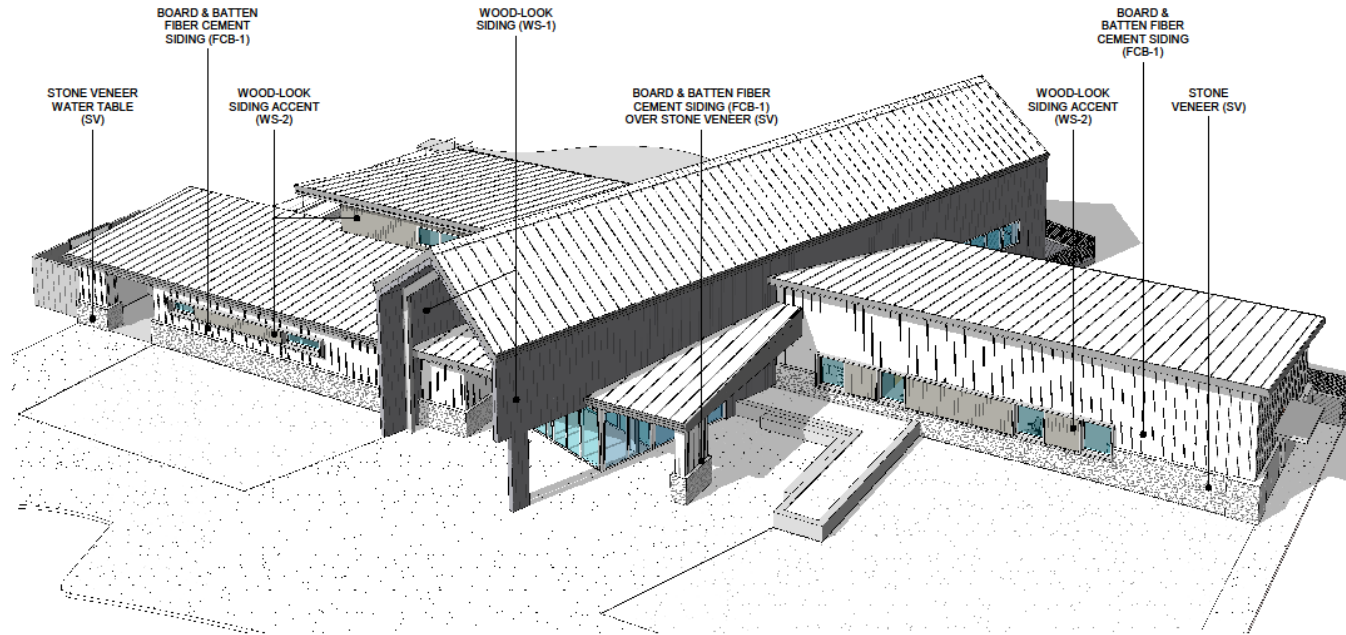


Project Updates: Fort Fisher Toilet Building Renovations





Project Updates: Lake James Visitor Center



3D VIEW | FRONT FROM ABOVE - Option 1

Lake James State Park Visitor Center, Design Development

09.25.2017





Project Update: North Carolina Zoo

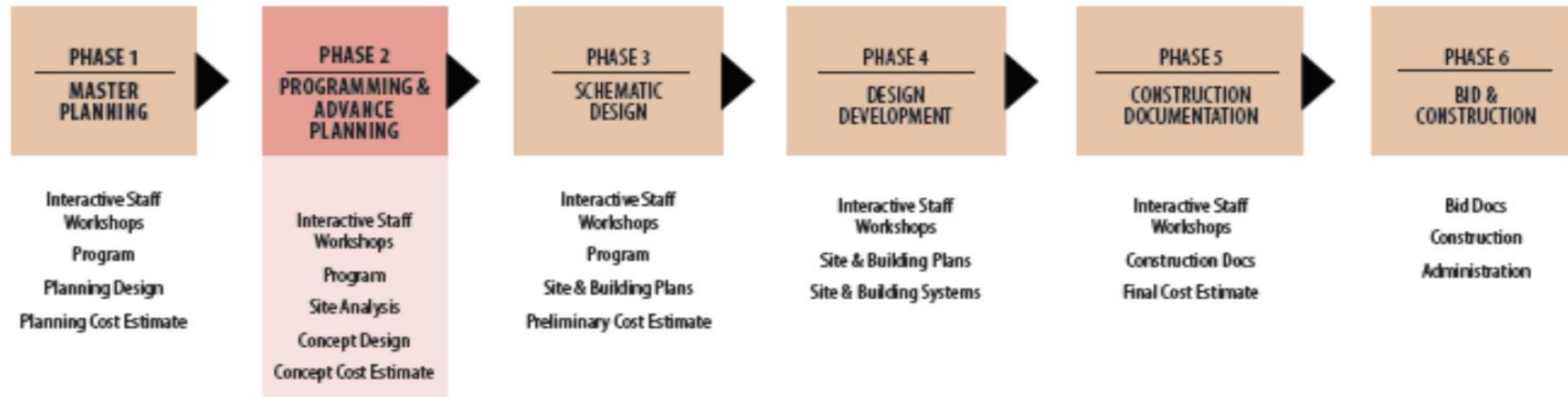
North Carolina Zoo received \$25 million

- Project in Programing and Advance Planning

Project Evolution

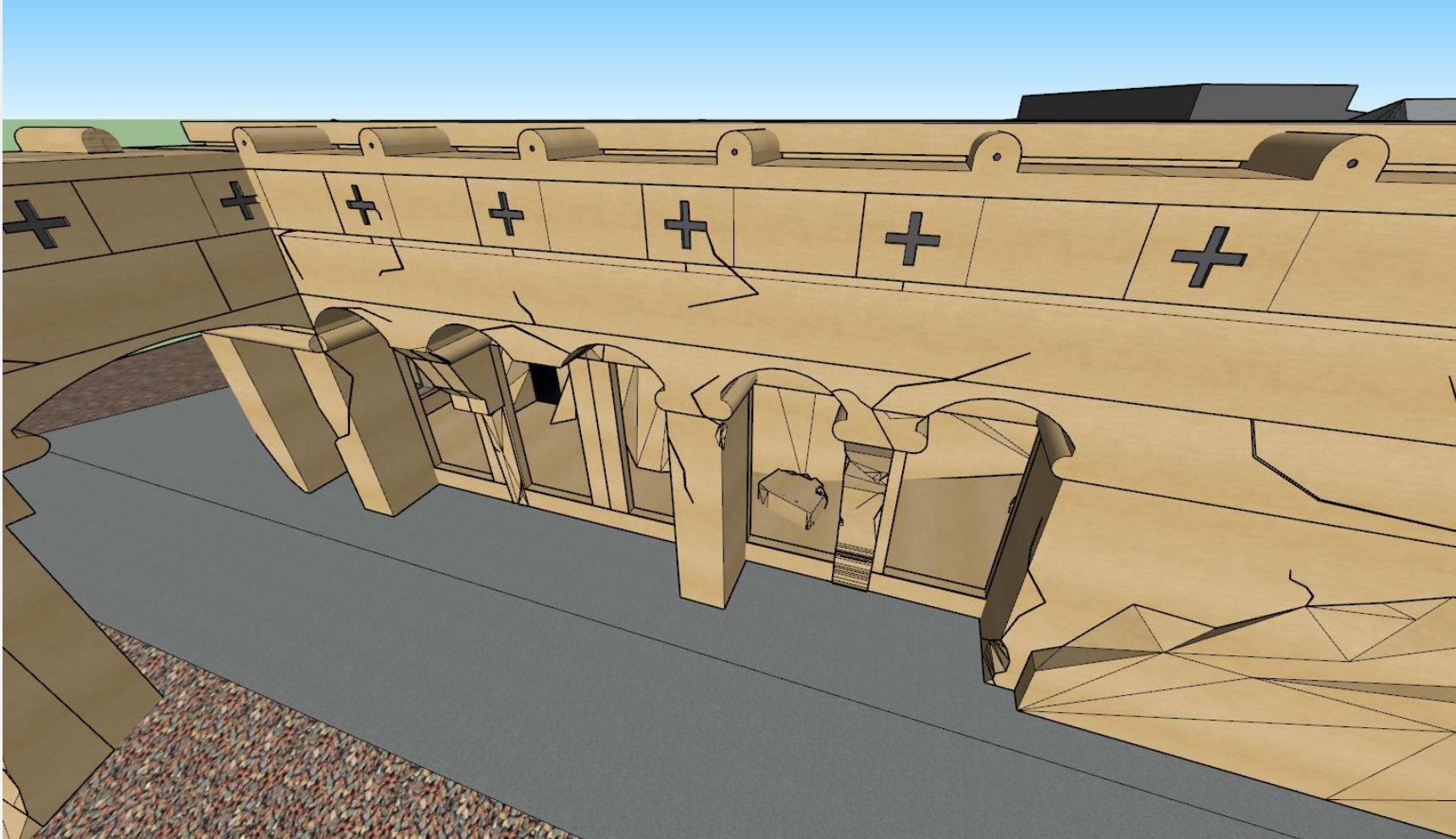
This second step in design and implementation process as shown below will serve as the basis of design to launch schematic design.

Project Evolution Diagram





Project Updates: North Carolina Zoo, Baboon Holding Facility





Project Updates: North Carolina Zoo, Baboon Holding Facility





Project Update: Grants to Local Parks

Department of Natural and Cultural Resources received \$3 million in matching grants for parks for Children and Veterans with Disabilities

- Grant Applications Closed Dec. 2016
- Grants Awarded March 2017
- Received 45 applications totaling \$9.5 million
- Awarded 18 projects



Project Update: Grants to Local Parks

Examples of Grant Recipients:

- City of Fayetteville: Massey Hill Recreation Center Universally Accessible Sports Field
- Town of Maysville: Frost Park Splash Park
- Yadkin County: Lance Corporal Daniel Swaim Playground
- Town of Oak Island: ADA Beach Access Project
- City of Shelby: ALL Aboard Park! Unlimited Play for Everyone
- Town of Waynesville: Recreation Park Inclusive Playground



Project Status – Department of Agriculture and Consumer Services

Received \$94,000,000 for the Veterinary/Food/Drug/Motor Fuels Laboratory

- Currently in the Design Development phase of design
- Construction Manager at Risk, J.E. Dunn/T. A. Loving has been approved by the State Building Commission
- Commissioning Agent recommendation will be considered by the State Building Commission on October 31
- On track to begin site work in the Spring of 2018 and building construction in the Summer of 2018
- Completion scheduled for Fall of 2020



Project Status: Department of Agriculture and Consumer Services

North Carolina Agricultural Science Center – Raleigh, NC – South/Main Entrance



HH ARCHITECTURE



Project Status – Department of Agriculture and Consumer Services

North Carolina Agricultural Science Center – Raleigh, NC - North/Employee Entrance



HH ARCHITECTURE



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