



# UNC Charlotte Science Building Project

Informational Meeting: May 3, 2018



**Balfour Beatty**

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# Project Team – Owner and Designers

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- UNC Charlotte
  - Donia Schauble – Senior Project Manager - Design
  - Jennifer Price – Senior Construction Manager – Construction
  - Dorothy Vick – HUB Coordinator
- Design Team (Clark Nexsen – Architect of Record)
  - RUP/Data Center/Site
    - Clark Nexsen – Architecture – Mike Romot (Primary Contact)
    - Clark Nexsen – Structural
    - Clark Nexsen – MEP
    - Land Design – Site
  - STEM
    - Payette – Architecture
    - Clark Nexsen – Structural
    - Vanderweil – MEP
    - Land Design - Site

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# Balfour Beatty - Construction Project Team



David Stanton  
*Project Executive*



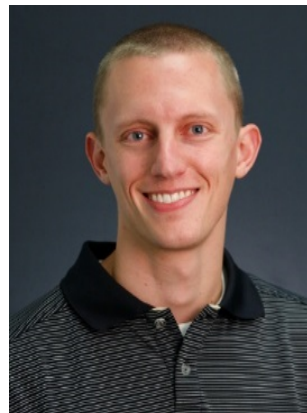
Annie Hughes  
*Preconstruction Director*



Aaron Frederiksen  
*Project Manager*



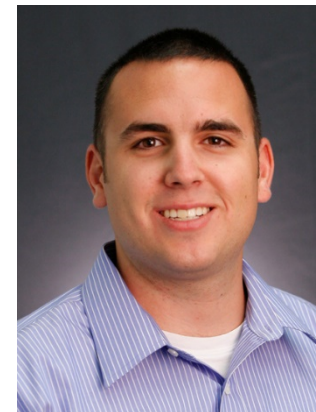
Robert Pearce  
*Project Manager*



John Schlobohm  
*Project Manager*



Paul Seidelson  
*Superintendent*



Bryan Gissy  
*Superintendent*

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# ZERO Harm

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**ZERO HARM**

- ✓ Zero Harm is the first topic of all project meetings
- ✓ All workers will go through BBC orientation process
- ✓ Each site will establish a Zero Harm committee
- ✓ JHA's are conducted by contractors for each major portion of their work
- ✓ "Take 5" meetings held daily
- ✓ Man hours / Incidents reported monthly to Loss Prevention



# Existing Site Condition

Current Site Plan

Existing Plant Operations Building

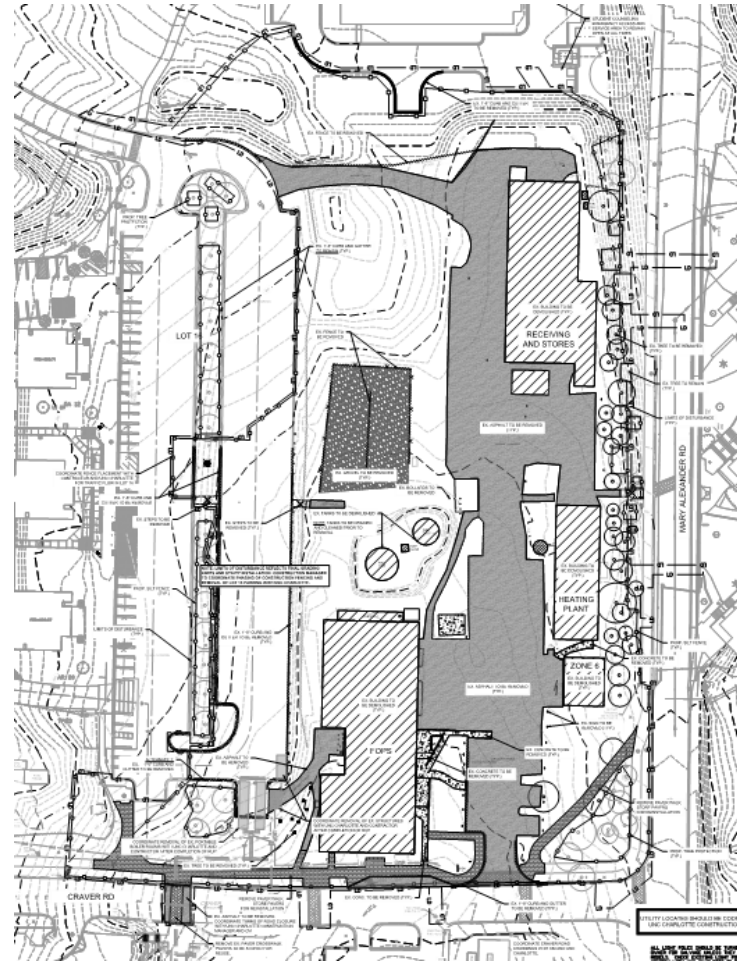
Boiler Plant with chimney

Receiving

Shop

EV Charging Stations

15 acre site



- Final Site Development
  - Regional Utility Plant
  - Data Center
  - Science Building
  - Lawn Area



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## EP 2 – Regional Utility Plant/Data Center & Site

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- 15,000 square feet
- Will house Data Center and Regional Utility Plant
- Façade is brick and cast stone
- Steel Structural on concrete footings
- PVC roof
- 8 overhead doors
- Partially sprinklered building with clean agent system for Data
- Underground mechanical piping feeds existing buildings
- Underground electrical ductbank
- Asbestos and lead abatement and demolition of existing buildings
- Site development









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## Bid Packages – EP 2 (RUP/Data Center/Site)

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- BP 01B – Final Clean
- BP 02A – Demolition and Abatement
- BP 03A – Concrete
- BP 04A – Masonry
- BP 05A – Structural Steel & Misc. Metals
- BP 07A – Waterproofing & Caulking
- BP 07B – Roofing
- BP 08A – HM Doors. Frames and Hardware
- BP 08C – Overhead Doors
- BP 08D – Louvers
- BP 09E – Epoxy Flooring (alt)
- BP 09G – Paint
- BP 21A – Fire Protection
- BP 22A – Plumbing
- BP 23A – HVAC
- BP 23B – Test & Balance
- BP 26A – Electrical
- BP 31A – Sitework

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## Package 3 – STEM

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- 117,000 square feet
- 3 story with mechanical penthouse
- Façade is brick, curtainwall and cast stone
- Steel frame on concrete footings
- PVC and standing seam roofs
- Interiors – millwork, ACT ceilings, VCT and carpet, painting, access flooring, window treatments
- Laboratory casework and fume hoods
- Elevators
- Full sprinkler system, plumbing, HVAC and electrical
- Hardscape and landscaping









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# Bid Packages – Science Building (STEM)

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- BP 01B – Final Clean
- BP 03A – Concrete
- BP 04A – Masonry
- BP 05A – Structural Steel & Misc. Metals
- BP 06B – Millwork
- BP 07A – Waterproofing & Caulking
- BP 07B – Roofing
- BP 07C - Fireproofing
- BP 08A – HM Doors, Frames and Hardware
- BP 08 B – Glass and Glazing
- BP 08C – Special Doors
- BP 08D - Louvers
- BP 09A – Drywall
- BP 09B – Acoustical Ceilings
- BP 09C – Hard Tile
- BP 09D – Flooring
- BP 09F – Acoustical Treatment
- BP 09G - Paint
- BP 10A - Specialties
- BP 10C - Signage
- BP 10G – Glass Canopies
- BP 12A – Window Treatments
- BP 12B – Laboratory Casework
- BP 14A - Elevators
- BP 21A – Fire Protection
- BP 22A – Plumbing
- BP 23A – HVAC
- BP 23B – Test & Balance
- BP 26A – Electrical
- BP 31A – Sitework
- BP 31B – Hardscape
- BP 32A – Landscaping and Irrigation

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# HUB Guidelines

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- Balfour Beatty urges all bidding subs to pay particular attention to HUB requirements and their efforts to accomplish these required goals (30% HUB)
- Records of “good faith efforts” must be maintained and will be verified by Balfour Beatty and UNCC
- Refer to UNCC Guidelines under the supplemental information tab in the Bid Manual for further detail of recording “Good Faith Efforts”
- Make sure that all required HUB documents are turned in with Bid (Affidavit A or B)

# Project Bidding and Information Sheet

- Prequalification-RUP/Data/Site Ends May 18, 2018 @ 5:00 PM
- Bid RUP/Data Center/Site 8/1/18 – 8/23/18
- Construction for RUP/Data/Site 9/20/18 – 9/18/19
- Prequalification - STEM 9/24/18 – 11/30/18
- Bid STEM 12/19/18 – 1/28/19
- Construction for STEM 3/4/19 – 10/28/20



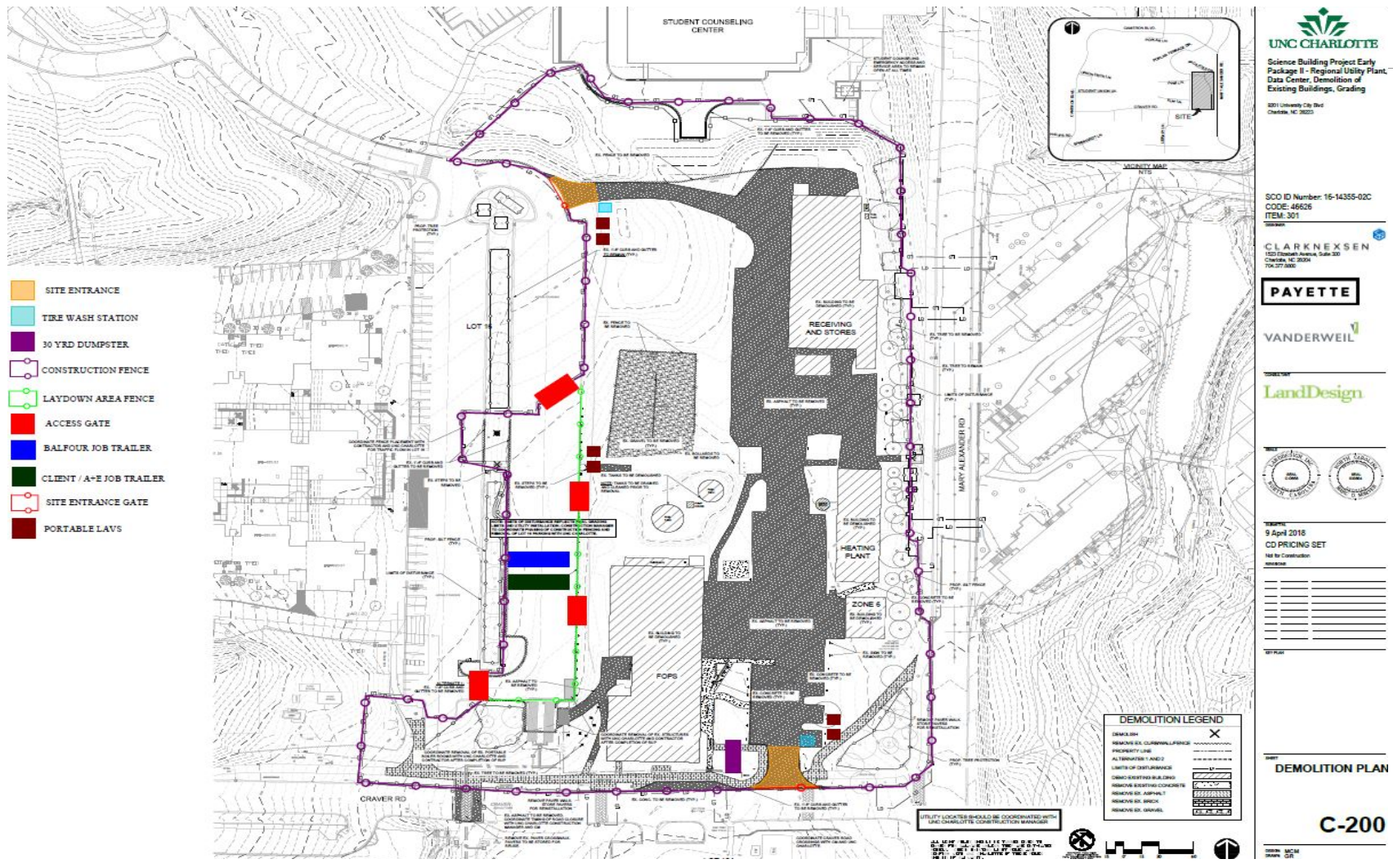
CLARKNEXSEN 



## Balfour Beatty



# Site Logistics Plan



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## Contact

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**Annie Hughes**

Balfour Beatty

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704.295.4741





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