

Engineering Building:

Program Need:

Over the past ten years, the School of Engineering has experienced significant growth, including a 29% increase in graduate students, 12% in tenure track faculty and a doubling of annual research levels. This and projected future growth has led the School to seek a new facility of 150,000 gross sf to meet these needs.

Project Scope:

The proposed building will provide research labs, active learning rooms, a large lecture room, teaching labs, entrepreneurial collaboration and office spaces.

Also, opportunities for collaboration with other schools are desirable to the School of Engineering and approximately the equivalent of one floor of unassigned space.



<i>Gross Square Feet</i>	<i>150,000</i>
<i>Project Budget</i>	<i>\$112M</i>
<i>Construction Start</i>	<i>Fall 2017</i>
<i>Occupancy Date</i>	<i>Fall 2020</i>
<i>Architect</i>	<i>Bohlin Cywinski Jackson</i>

Architecture & Engineering:

Bohlin Cywinski Jackson (BCJ) Architects were approved for the project in 2015. BCJ’s proposed architectural expression for the building relates to its location and the adjacent Bostock and Fitzpatrick Buildings, while creating a unique, identifiable entry seen from Fitzpatrick’s Vinick Entry and the Pedestrian Way leading to the Quadrangle. Materials are primarily a version of the Duke Brick blend with a sun screen that will relate to the recent terra cotta screens on campus at the southwest facing entry and west elevation.

The project’s design was approved in May 2017, with a request that it return with a simplification of the sun screen at its entry corner. This adjustment simplifies the corner, reduces the number of verticals and aligns the horizontals in a regular pattern.

Site/Location:

The project is located on the site east of the Fitzpatrick Building and north of the Bostock Library Addition, at the corner of Research Drive and Telecom Drive. An improved pedestrian experience and landscape along Telecom Drive intended to connect the Vinik Entry of Fitzpatrick to the new building’s entrance is included and an entry addressing Research Drive is also to be provided.

Sustainability:

The project will follow the University’s policy regarding sustainability and will seek LEED silver certification.