



*Rendering courtesy of SmithGroup*

# INNOVATION CAMPUS, ACADEMIC BUILDING 1

## Building Enclosure Commissioning Services

The new landmark building for the Virginia Tech Innovation Campus is an 11-story academic building that will serve students as a computer science and computer engineering research facility. This project helped pave the way for the finalization of the Amazon HQ2 site located nearby in Crystal City, VA.

WDP's scope of work as the BECxA includes the review of the Owner's Project Requirements (OPR) and the Basis of Design (BOD), technical review of the contract drawings and specifications related to the enclosure at multiple iterations of the design, and development of the BECx Plan. During construction, WDP has performed submittal reviews, RFI reviews, attended pre-installation and enclosure coordination meetings, observed mockup installation of waterproofing, observed laboratory mockup testing of the curtainwalls, and will be providing onsite field performance testing of multiple enclosure systems including the unitized curtainwall systems.

The design of the building was optimized for solar performance for the numerous quantities of solar arrays located on the roof as well as built into the curtain walls throughout the building. In addition to the unitized curtain walls, the façade of this building incorporates Virginia Tech's own Hokie Stone as well as metal panels in select locations. The roofs are a combination of green roof assemblies over a HRA membrane and single ply membrane systems.



LOCATION  
Alexandria, VA

SIZE  
158,141 SF

CONSTRUCTION COST  
\$210 M (est.)

YEAR COMPLETED  
On-going

