

HIGH SCHOOL CENTER II
2751 Hydraulic Road
Charlottesville, Virginia 22901.

Major Amendment – Photovoltaic Power Array

July 15, 2025

Part A.1 – Written description of the proposal

This Amendment is submitted for the purpose of gaining approval of the installation of a roof-top mounted photovoltaic power array on the roof the of High School Center II building. The array will achieve a 200kw power production, contributing to a LEED Silver, and possibly LEED Gold certification from the United States Green Building Council.

Part A.2 – Explain how the proposal is compatible with the surrounding area and the Entrance Corridor.

Design renderings and details are provided showing the building design with the PV array installed. The details show the mounting methods and dimensions of the panels. The perspective views show that the panels, while visible, are low-profile with a minimal visual impact from the Entrance Corridor.

Panels are mounted on a ballasted chassis system that secures the panels at the optimum solar angle. The max height of panels, above the roof surface, will be about 1'-0". This is illustrated in the attached Drawings. This low height does not make a significant impact on the appearance of the building. The perceived mass and scale of the building height, roof edge thickness and composition will not be noticeably changed by the array.

As noted, the panels will be visible from the Entrance Corridor due to the elevation of the road being higher than the building. The low-profile installation method, combined with the building's distance from the Entrance Corridor, makes the visual presence of the array minimal. The dark colors of the panel and chassis material are similar in tone to the dark color of the roofing material and building fascia and cladding materials. The array will not contrast visually with building materials and is expected to blend into the appearance of the building when viewed from the Entrance Corridor.

Part B – Approved Site Condition

No changes are proposed to the previously approved Site Plan. Sheet C0.1 from the approved Site Plan is included for reference.

Part B – Architectural Plans

Building Elevations, Sections and Renderings are included to illustrate the location, extents and dimensions of the PV array installation.

SHEET NUMBER	TITLE
A100c	PROJECT RENDERINGS – PV ARRAY
A100d	PROJECT RENDERINGS – PV ARRAY

Total number of full-size sheets: 2

Also included for reference is the full set of installation Drawings provided by the PV array installer.

Part D – Additional Material

View of from Hydraulic Road at the central entry drive to Albemarle High School.
High School Center II site is to viewers left.



View from existing southern existing campus entry driveway.
High School Center II site is to viewers left.



View from main entry of Albemarle High School to High School Center II site.
Buildings in view are demolished for new construction.



View of construction progress towards main entry from Albemarle High School:

