National Capital Planning Commission

DC Water Fort Reno Solar Project

3900 Donaldson Place, NW, Washington, DC

Approval of Preliminary and Final Site Development Plans

District of Columbia Water and Sewer Authority

December 3, 2026 | File: 8836

Project Summary

Commission Meeting Date: December 3, 2026

NCPC Review Authority: 40 U.S.C. § 8722(b)(1)

Applicant Request: Approval of Preliminary and Final Site Development Plans

Session: Executive Director

NCPC Review Officer: Laura Shipman

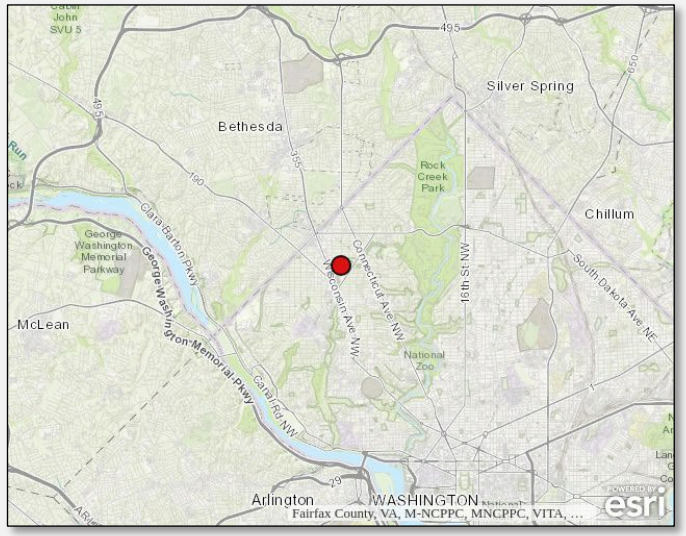
NCPC File Number: 8836

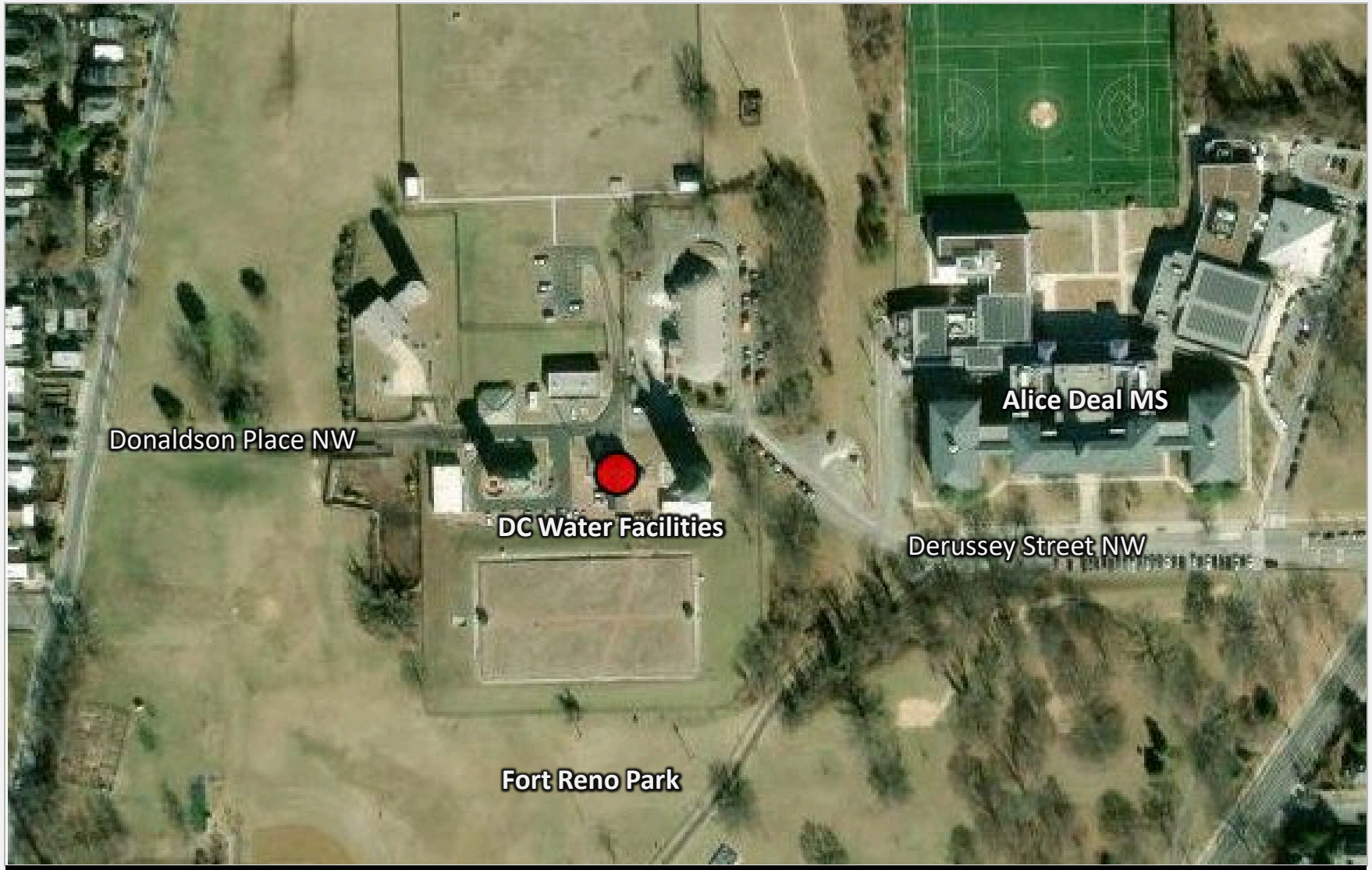
Project Summary:

DC Water has submitted preliminary and final site development plans for a solar panel installation at their Fort Reno facility in Washington DC. DC Water's facilities are bordered by Fort Reno Park, administered by the National Park Service, to the east, south, and west; the Federal Aviation Administration (FAA) Cartwheel Tower and a DC Department of Public Works leaf transfer station to the west; a DC Department of Public Works (DPW) salt dome is adjacent to the east; and Alice Deal Middle School is nearby to the northeast. DC Water exclusively manages and controls the fenced campus at Fort Reno.

The proposed solar installation includes two systems one north and one south of Donaldson Place NW. The system to the north includes a total of 157 solar panel modules intended to reduce energy costs for the DC Water facilities. This system includes approximately 22 modules roof-mounted on top of the operating pumping station, approximately 135 modules ground-mounted in the open area behind the pumping station, and a pad-mounted Battery Energy Storage System (BESS). The system to the south includes a total of 966 solar panel modules that will interconnect to the Pepco grid, providing electricity to residents of the District, generating savings for residents and revenue for DC Water. This system includes approximately 644 modules installed above the capped reservoir, rehabilitation of the existing green roof, approximately 166 modules on a canopy in the area between the reservoir and DC Water's existing parking lot, and approximately 166 modules ground-mounted on the east slope of the reservoir.

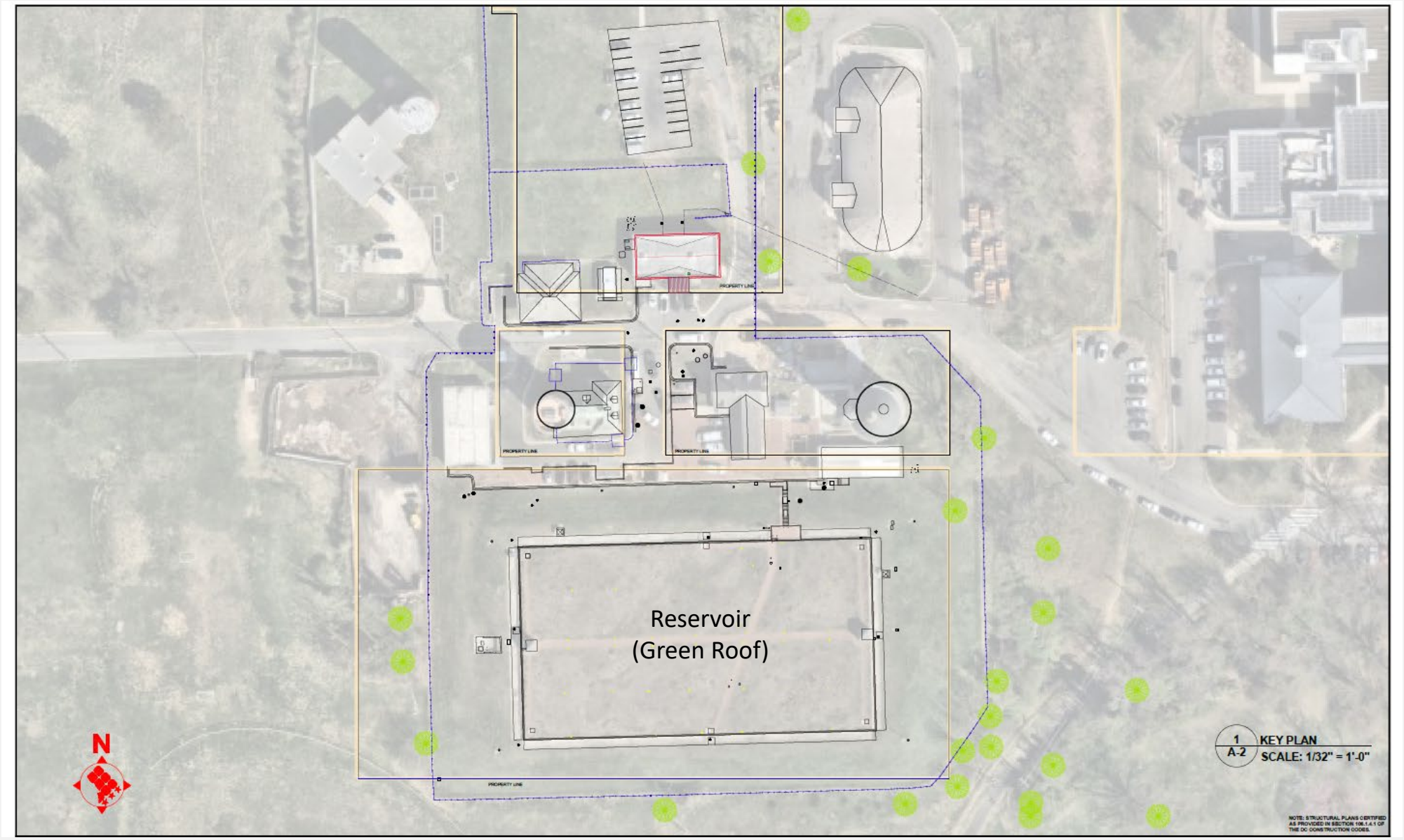
Site Location



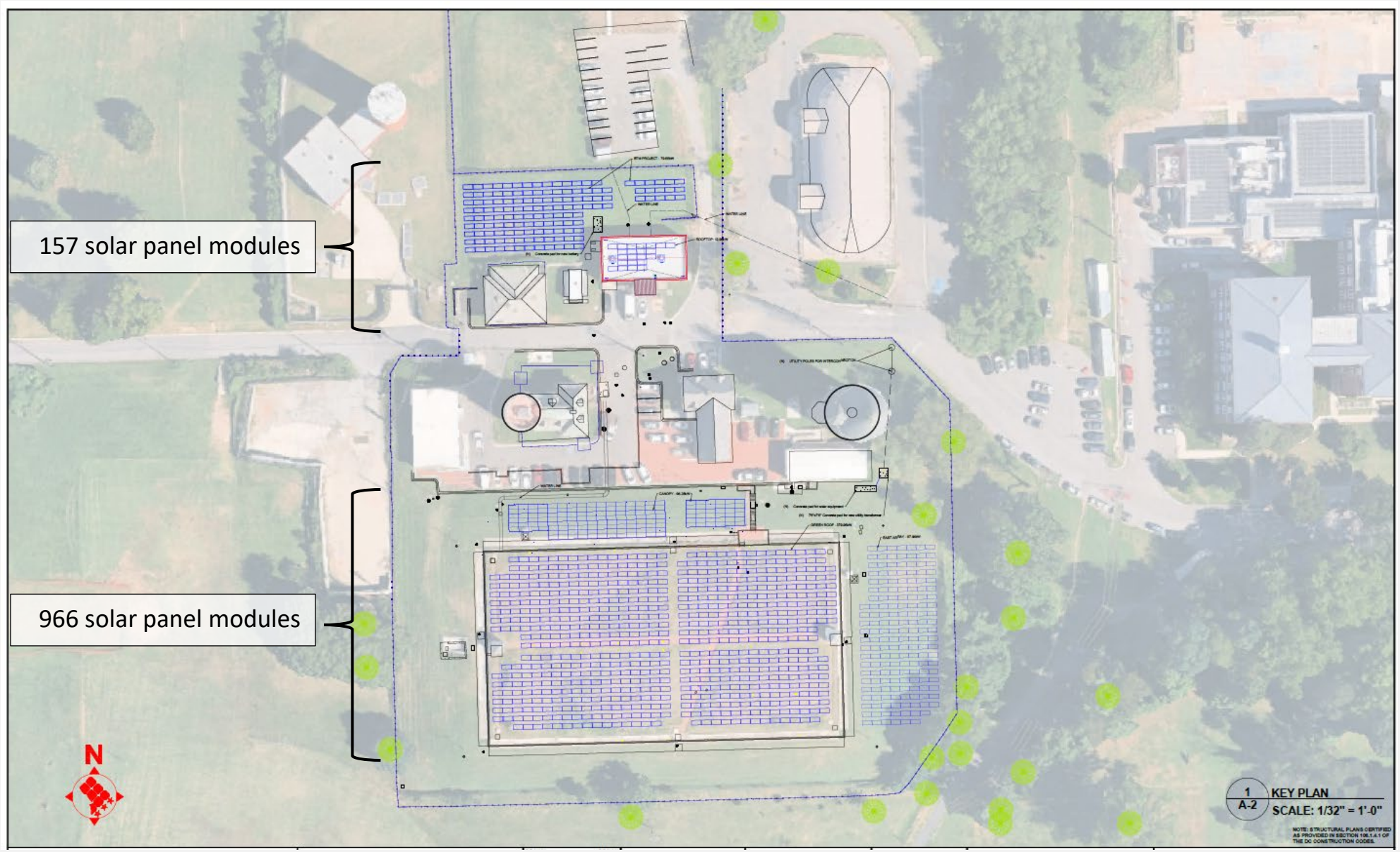


Location Map

Existing Site Plan



Proposed Site Plan



Key Map of Views



1. View from SW Portion of Fort Reno Park



2. View from Fort Reno Park Baseball Field



3. View from Chesapeake St NW



4. View from SE approaching the Walking Path to Alice Deal MS.



5. View from Walking Path to the East of the Site



6. View from Derussey Street NW



7. View from SW corner of Alice Deal Middle School

