



Delegated Action of the Executive Director

PROJECT Building 157 Lithium Battery Storage Facility Naval Surface Warfare Center Carderock 9500 MacArthur Boulevard West Bethesda, Maryland	NCPC FILE NUMBER 8788
	NCPC MAP FILE NUMBER 3108.10(64.00)46229
REFERRED BY United States Department of War, Department of the Navy	DETERMINATION Approve preliminary and final site and building plans
	REVIEW AUTHORITY Advisory Federal Projects in the Environs 40 U.S.C. § 8722(b)(1)

The United States Department of the Navy has submitted preliminary and final site and building plans to construct a 1,750 square foot storage facility for post-test, lithium-ion batteries at Naval Surface Warfare Center Carderock (NSWC Carderock) in West Bethesda, Maryland. The purpose of the new facility is to provide safe storage for used batteries that may still be active and could be a fire hazard if stored indoors. The new outbuilding will consist of a cast-in-place concrete pad with forklift access from an adjacent road; a perimeter fence for access control, with gate; and firewalls inside the facility to compartmentalize the storage space. The storage area is designed with a sloped roof made of non-flammable material for weather protection, with a maximum height of 13'-1" and a low-side height of 10'-2". The area would be lit by a series of adjacent pole-mounted LED flood-lights at night, and fire sensors and a fire alarm system (activated by a radiant energy detection system) will alert the NSWC Carderock fire department in the event of a fire. A chain-link, perimeter, security fence (measuring 8'0" high, including barbed wire support arms) will limit access to the storage facility. The building is located in the middle of the campus and would not likely be visible from surrounding public streets.

The project will require the removal of approximately 0.25-acres of trees, and the applicant will plant 0.25-acres of new trees to mitigate the impact per NCPC's Policy FE.G.2. Site plans show 11 new trees immediately adjacent to the sides of the new storage facility, and NSWC Carderock will plant additional new trees elsewhere on the installation to fully meet the replacement ratio. In addition, the landscape plan shows Switchgrass and New York Aster, which is consistent with NCPC's Pollinator Best Practices guidelines. The project will remove one parking space (which will not be replaced) and the new facility will not require any additional personnel to operate the space. Staff finds the project is generally consistent with the federal elements of the *Comprehensive Plan for the National Capital*.

The project is consistent with the most recent June 2018 Addendum to NSF Carderock Installation Master Plan, which includes a new 1,500 square foot area to store lithium batteries on the site of Building 196, which was once a burn building. The current project scope no longer includes the

Building 196 demolition; however, staff finds the project is still consistent with the 2018 Addendum.

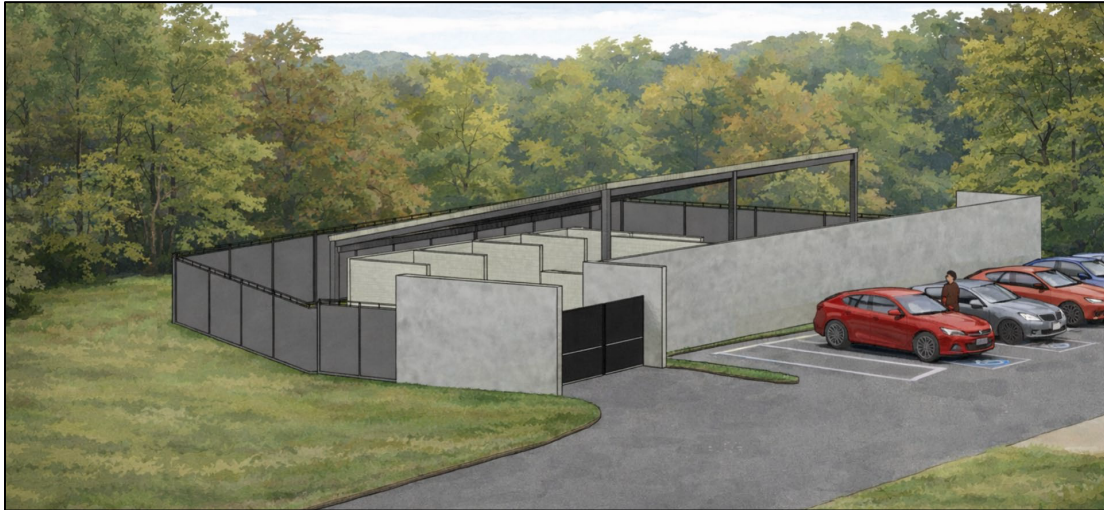


Figure 1: New Lithium Battery Storage Facility Rendering

The Navy satisfied its environmental review responsibility under the National Environmental Policy Act (NEPA) using a checklist that documents only marginal impacts from the project. In addition, the applicant has satisfied its review responsibility for the project under Section 106 of the National Historic Preservation Act with a “no adverse” effect finding. NCPC does not have formal Section 106 or NEPA review responsibilities for projects located outside of the District of Columbia.

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Pursuant to delegations of authority adopted by the Commission on March 6, 2025 and per 40 U.S.C. § 8722(b)(1), I approve the preliminary and final site and building plans for a new Lithium Battery Storage Facility outbuilding (Building 157) at Naval Surface Warfare Center Carderock in West Bethesda, Maryland.

July 1, 2026

Marcel Acosta
Executive Director

Date