

DEPARTMENT OF DEFENSE
DEPARTMENT OF THE NAVY

FINDING OF NO SIGNIFICANT IMPACT (FONSI) FOR THE ENVIRONMENTAL ASSESSMENT (EA) FOR IMPROVEMENTS TO BUILDING 431 CENTRAL TOOL SHOP AT PUGET SOUND NAVAL SHIPYARD, NAVAL BASE KITSAP, BREMERTON, WASHINGTON

Pursuant to the Council on Environmental Quality regulations (40 Code of Federal Regulations Parts 1500-1508) implementing the National Environmental Policy Act and Navy regulations (32 CFR Part 775), and Chief of Naval Operations Instruction 5090.1D, the Department of the Navy (Navy) gives notice that an EA has been prepared and an Environmental Impact Statement (EIS) is not required for improvements to Building 431 Central Tool Shop at Naval Base (NAVBASE) Kitsap, Bremerton, Washington.

A Notice of Availability (NOA) of the Draft EA was published on April 10, 2015 in the Kitsap Sun. The Draft EA was made available for public review on the NAVFAC Northwest public website. The public comment period on the Draft EA was from April 10 to May 11, 2015 and no public comments were received. A NOA of the Final EA and FONSI will be published in the Kitsap Sun and copies of the documents will be available on the NAVFAC NW public website at <http://go.usa.gov/tAr4>.

Proposed Action: The proposed action consists of providing a seismic retrofit and reinforcements to the interior and exterior of Building 431 Central Tool Shop located in the Controlled Industrial Area (CIA) of the Puget Sound Naval Shipyard and Intermediate Maintenance Facility (PSNS & IMF) at NAVBASE Kitsap Bremerton. The Proposed Action consists of seismically retrofitting the building through the addition of buckling restrained braces (BRBs) and shotcrete/grout to the interior and exterior of the building. Six BRBs, consisting of 16-inch diameter steel tubes connecting the high bay masonry walls to the low roofs below, would be installed on the west and east faces of the building. The Proposed Action would remove obsolete machines from Building 431's main bay and remove and replace asbestos siding at the building's west lean-to structure. The Proposed Action would also include stabilization of liquefaction-prone soils at the south end of the building, expansion of concrete footings, fire protection and egress additions, elevator retrofits, exterior restoration, restroom upgrades, electrical modifications, and mechanical upgrades. Construction activities would occur over approximately twenty-eight months beginning in November 2015.

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The purpose of the proposed action is to meet the requirements of Public Law 101-614, *National Earthquake Hazards Reduction Program* and Executive Order 12941, *Seismic Safety of Existing Federally Owned or Leased Buildings*. The proposed action is needed to address deficiencies identified in seismic evaluations of the structure.

Existing Conditions: Building 431 Central Tool Shop is centrally located within and is a contributing resource to the Navy Yard Puget Sound (NYPS) National Historic Landmark (NHL) historic district listed on the National Register of Historic Places (NRHP). At the time of its construction in 1934, the original portion of Building 431 was the largest machine shop west of the Mississippi River. Due to the building's size and location, it can be viewed from numerous points within the NHL historic district. Building 431 is located in Operable Unit (OU) B-Terrestrial, which is on the U.S. Environmental Protection Agency (USEPA) Comprehensive Environmental Response, Compensation, and Liability Act National Priorities List for subsurface soil and groundwater affected by past shipyard operations. Remaining OU B-Terrestrial site contaminants include a variety of metals, volatile and semi-volatile organic compounds, polychlorinated biphenyls (PCBs) and pesticides. In 2004 the Navy selected a remedy for OU B-Terrestrial that was implemented in 2006 and included institutional controls, specifically a land use management plan and an excavation management plan. Asbestos containing materials (ACM), heavy metal containing paint, and polychlorinated biphenyls are present at construction locations at Building 431.

Alternatives Analyzed: Alternatives were considered based on the following selection criteria: 1. Ensuring continuous operation of the machine shop, 2. Addressing the deficiencies and requirements identified in building evaluations, and 3. Minimizing effects to the NYPS NHL historic district. The Navy analyzed one action alternative (Proposed Action) that meets the purpose and need and fulfills the selection criteria. Eight other alternatives to the proposed action were considered, including acquisition of a new facility, demolition and replacement of facility components, and design approaches attempting to reduce cultural resources impacts. These other alternatives were eliminated from further consideration because they would not fulfill the selection criteria. Under the No Action alternative, the proposed seismic retrofits and additional building modifications would not be implemented. The No Action alternative does not meet the purpose and need

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described above; however, as required by NEPA implementing regulations, the No Action alternative was carried forward as a baseline for the analysis in this EA.

Environmental Effects: The following is a summary of the environmental consequences of the Proposed Action:

Cultural Resources. The exterior seismic bracing and replacement of siding on the western lean-to structure of Building 431 would adversely affect the NHL historic district by altering its visual setting. Removing machinery considered to be character defining features of the NHL historic district would also constitute an adverse effect to the NHL historic district. The Navy has signed a memorandum of agreement (MOA) with the State Historic Preservation Officer (SHPO) to address adverse effects. With implementation of the stipulations specified in the MOA, the proposed action would not result in significant impacts to cultural resources. Stipulations of the MOA are as follows:

- conducting a historic resources survey of the Controlled Industrial Area,
- restoring the north parapet,
- cleaning and repointing brickwork, and
- preparing Department of Archaeology & Historic Preservation Level II documentation of two machines proposed for removal from the main bay.

If any archaeological resources are uncovered during construction, project work will be halted in the area of discovery and appropriate Native American Tribes and the SHPO will be consulted.

Hazardous Materials and Wastes. All soil-disturbing work under the proposed action would be conducted in accordance with the *PSNS & IMF Instruction 5090.50 and Naval Base Kitsap Instruction 5090.14 Land Use Controls at PSNS & IMF Bremerton Site and Naval Base Kitsap - Bremerton and Excavation Management at Naval Base Kitsap at Bremerton* to protect human health and the environment. Excavated soils would not be reused off the worksite and all excavations would be backfilled and re-covered with a cap of asphalt, concrete pavement, or flooring. The Navy would remove and manage all hazardous materials and ACM potentially impacted by construction in accordance with applicable laws and regulations. The Navy would also adhere to plans addressing

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proper handling, storage, and disposal of hazardous materials and wastes throughout implementation of the proposed action. Therefore, implementation of the proposed action would not result in significant impacts from the presence of hazardous materials and waste.

Finding: Based on the analysis presented in the EA and coordination with the Washington State Historic Preservation Officer, the Navy finds that implementation of the proposed action will have no significant impact to the quality of the human environment.

The EA prepared by the Navy addressing this action is on file and interested parties may obtain a copy from: Commanding Officer, Naval Facilities Engineering Command Northwest, 1101 Tautog Circle, Silverdale, WA 98315.

31 AUG 15
Date



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Commander, Navy Region Northwest