



**DEPARTMENT OF PARKS AND RECREATION
OFFICE OF HISTORIC PRESERVATION**

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March 3, 2021

VIA Email

In reply, refer to: NASA_2021_0114_001

Mr. Jonathan Ikan
Center Cultural Resources Manager
NASA Ames Research Center
Mail Stop 213-8
Moffett Field, CA 94035

Subject: Moffett Helitack Support and Barracks Trailers Project, NASA Ames Research Center, Santa Clara County, CA

Dear Mr. Ikan:

The California State Historic Preservation Officer (SHPO) has received the January 14, 2021, letter initiating consultation regarding an undertaking at NASA Ames Research Center (ARC). NASA is consulting with the State Historic Preservation Officer (SHPO) to comply with Section 106 of the National Historic Preservation Act of 1966 (54 U.S.C. §306108), as amended, and its implementing regulations at 36 CFR Part 800.

Along with the letter, NASA submitted a technical Section 106 report prepared by Stephen Mikesell, Mikesell Historical Consulting, entitled Cultural Resources Technical Report, Moffett Helitack Project, Installation of Support and Barracks Trailers by CAL FIRE and dated December 2020.

The proposed undertaking, as described, involves installation of four prefabricated, modular trailers: two support trailers between Buildings N211 and N240 on the Ames Campus, in the same location as two existing temporary modular buildings, Buildings T6C and T6D, which will be removed; and two barracks trailers between Buildings 13 and 37 in the NASA Research Park. The trailers are anticipated to remain at this location for approximately 10 years.

The first support trailer will be 24 ft. x 60 ft. and 14 ft. high with a flat roof and will house offices. The second support trailer will be 35 ft. x 60 ft. and 14 ft. high with a flat roof and will house a training room, kitchen, laundry, and bathroom. Both barracks trailers will be 27 ft.-8 in. x 68 ft. and 14 ft. high with a flat roof. The foundation system for the trailers will use a pier and ground anchor support system. The manufactured steel piers will be placed on pads that will be placed on top of the existing asphaltic concrete to support the dead load of the structures. Auger-type ground anchors will be used along

the perimeter of the structures to resist uplift and overturning forces. Steel straps will be wrapped around the chassis beams and fastened to ground anchors. Therefore, excavating for the foundation of each trailer is not anticipated. The trailers will require connections to existing utilities, both above and below grade. It is anticipated that existing pavement will be removed for the underground utilities, including limited trenching to remove and replace existing pipes and to install a new concrete vault for an electrical switch and new conduit.

NASA defined an Area of Potential Effect (APE) that encompasses the first tier of buildings adjacent to the project's footprint. The vertical APE is expected to extend to a depth of two to five feet deep for utility work.

NASA reviewed previous studies to identify potential historic properties within the APE. No previously recorded archaeological cultural resources are present for the support and barrack trailers, and no unrecorded cultural resources were identified during the field review / inspection. The project would occur within an area documented as having low sensitivity for historic-era cultural resources, near surface prehistoric cultural resources, and buried prehistoric cultural resources.

The APE for the barracks trailers is within the NAS Sunnyvale Historic District. NASA noted the following buildings in the APE and their National Register statuses.

Support Trailers project location:

- Temporary modular buildings T6C and T6D. Not individually eligible and not contributors to a historic district.
- Building N211. Not individually eligible and not contributing to a historic district.
- Building N240 (constructed in 1965) and Building N240A (1982). Not individually eligible and not contributing to a historic district.

Barracks Trailers project location:

- Buildings 12, 13, 14, 18, 19, 37, and 569.
- Of these, only Buildings 18 and 19 are historic properties as they contribute to the significance of the NAS Sunnyvale Historic District.

NASA proposes a Finding of No Adverse Effect for this undertaking. There are no known archaeological sites in the APE and work would occur within areas identified as having low archaeological sensitivity. The project has the potential for indirect effects through visual and contextual changes that may alter the setting of the NAS Sunnyvale Historic District, particularly in relation to two of its contributors: Buildings 18 and 19. NASA concluded that introduction of the four trailers would not adversely compromise the ability of the NAS Sunnyvale Historic District or its contributors to convey their

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historic significance.

After reviewing the information submitted, the SHPO offers the following comments.

- This project qualifies as an undertaking with the potential to affect historic properties.
- Identification and evaluation efforts are sufficient.
- The SHPO has no objection to the proposed Finding of No Adverse Effect for this undertaking.
- Please be advised that under certain circumstances, such as unanticipated discovery or a change in project description, NASA may have additional future responsibilities for this undertaking under 36 CFR Part 800.

If there are any questions or concerns, please contact State Historian Mark Beason, at (916) 445-7047 or mark.beason@parks.ca.gov.

Sincerely,



Julianne Polanco
State Historic Preservation Officer