



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

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October 24, 2022

VIA Email

In reply, refer to: NASA_2022_0908_001

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

Subject: Building N200 Fire Protection and Asbestos Abatement, NASA Ames Research Center, Moffett Field, Santa Clara County, California

Dear Mr. Ikan:

The California State Historic Preservation Officer (SHPO) has received the September 7, 2022, letter continuing 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 AECOM dated September 7, 2022.

The proposed undertaking, as described, involves interior asbestos abatement and interior and exterior fire protection in Building N200. Interior asbestos abatement will occur in the hallway/corridor and Rooms 104, 108, 117, and 121 on the first floor, and in the hallway/corridor, stairway landings, and Room 204 on the second floor. The existing ceilings will be removed and all asbestos debris, piping insulation, or lagging in the spaces above will be abated. Most ceilings are T-bar suspended ceilings with non-asbestos-containing 12-inch x 12-inch acoustical lay-in ceiling tiles, except for the break room, which features a hard ceiling. After asbestos abatement, new non asbestos piping insulation and new, T-bar suspended ceilings will be installed in all areas. Approximately 3,595 square feet (SF) of ceiling will be removed, including approximately 1,400 SF in the first-floor hallway/ corridor and Rooms 104, 108, and 117; 400 SF in Room 121; 60 SF in the first-floor break room; 1,600 SF in the second-floor hallway/corridor and Room 204; and 135 SF in Room 204. Interior fire protection will consist of a new, wet pipe, automatic fire sprinkler system with an addressable fire alarm/mass notification system installed in the basement and first and second floor areas. The fire sprinkler system will be suspended from the new ceiling.

Exterior fire protection will occur on the exterior wall of Building N200 and in an adjacent area northeast of the building. This work includes connection to the underground water supply, installation of a reduced pressure backflow preventor, a fire department connection with associated piping/valves, and an exterior wet pipe fire protection riser with a main shut off valve, check valve, and flow switch. The full-height wet pipe fire protection riser will be installed on the west end of the building's north elevation, next to a non-historic exterior elevator and a non-historic external metal staircase. The reduced pressure backflow preventor and associated appurtenances will be installed approximately 50 feet from the northeast corner of Building N200 behind a driveway curb. The project will install a 6-inch waterline buried 54 inches below grade.

NASA identified the Area of Potential Effects (APE) for the undertaking that encompasses areas that may be affected by both temporary and permanent construction activities. The APE is within the boundaries of a potential NACA Historic District and accounts for potential indirect effects on the district but does not include the entire district because of the project's scale. The APE is limited to the project site. The vertical APE extends to a maximum depth of approximately 54 inches below grade to install the 6-inch waterline.

No archaeological resources have been previously identified in or near the project area. Two areas of heightened historic-era archaeological sensitivity are approximately 650 feet to the west and 775 feet to the south, respectively. The project site includes Building N200, which has a basement, and an adjacent exterior area that has been previously disturbed by building construction, utilities, and landscaping. Because the ground disturbance associated with the project will be limited to previously disturbed areas and archival review indicates the entire APE has a low potential for more deeply buried prehistoric or historic sites, no archaeological pedestrian survey was conducted, and it is not anticipated that archaeological resources will be encountered because of this undertaking. Given the low sensitivity, further archaeological survey or testing related to the undertaking is not necessary, and no potential effects on potentially significant archaeological resources are anticipated.

Building N200 is the Ames Administration Building and has been found to be individually eligible for listing in the National Register of Historic Places.

NASA has also identified a potential National Advisory Committee for Aeronautics Ames Historic District (NACA District) consisting of several research and support buildings built between 1940 and 1958 that expressed Industrial / Moderne architectural details. Building N200 contributes to the significance of this potential district.

NASA determined that the changes proposed to Building N200 would have No Adverse Effect to the building or to the potential NACA Historic District. After reviewing the information submitted, the SHPO offers the following comments.

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- This project qualifies as an undertaking with the potential to affect historic properties.
- The APE is sufficient to take direct and indirect effects of the undertaking into account.
- Identification and evaluation efforts are sufficient for this consultation.
- The SHPO has no objection to the proposed Finding of No Adverse Effect.
- 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