

MEMORANDUM OF AGREEMENT
AMONG THE GENERAL SERVICES ADMINISTRATION,
THE UNITED STATES GEOLOGICAL SURVEY,
THE CITY OF FLAGSTAFF, ARIZONA,
THE ARIZONA STATE HISTORIC PRESERVATION OFFICE,
AND THE ADVISORY COUNCIL ON HISTORIC PRESERVATION
REGARDING A NEW BUILDING FOR THE
UNITED STATES GEOLOGICAL SURVEY, FLAGSTAFF, ARIZONA
SUBMITTED TO THE ADVISORY COUNCIL ON HISTORIC PRESERVATION
PURSUANT TO 36 CFR 800.6(a)

WHEREAS, the City of Flagstaff, Arizona (City) proposes to construct a new building to be located on City of Flagstaff property occupied by the Campus of the United States Geological Survey (USGS) in Flagstaff, Arizona and, upon completion, plans to lease to the USGS a completed building of approximately 27,500 gross square feet and;

WHEREAS, the General Services Administration (GSA), acting as Agent between the City and the USGS shall negotiate a lease between the two parties that is to be fair and reasonable; and

WHEREAS, in planning the location of the new building, the GSA together with the USGS and the City considered several locations within the USGS Campus; and

WHEREAS, after consideration of the options, including alternatives to demolition of Building One, the GSA, together with the USGS and the City, selected the option resulting in the plan to demolish Building One; and

WHEREAS, subsequent to adoption of the plan, Building One has been determined by the Keeper of the National Register of Historic Places to be eligible for inclusion on the National Register of Historic Places; and

WHEREAS, the GSA has determined that the Undertaking will result in an adverse effect through demolition of Building One; and

WHEREAS, GSA has determined that excavation and other construction activities may also have an effect on subsurface prehistoric or historic resources, if any exist; and

WHEREAS, GSA has consulted with the Arizona State Historic Preservation Officer (SHPO), the Advisory Council on Historic Preservation (Council), the City, and the USGS pursuant to 36 CFR 800, regulations implementing Section 106 of the National Historic Preservation Act (16 U.S.C. 470f);

NOW, THEREFORE, the GSA, SHPO, the Council, the City, and the USGS agree that the Undertaking shall be implemented in accordance with the following stipulations, in order to take into account the undertaking's effect on historic properties.

Stipulations

The GSA, together with the USGS and the City will ensure that the following measures are carried out:

1. Planning Reform

Prior to further campus development and in consultation with the SHPO and the public, the City and USGS shall revise the Master Plan for the USGS campus to include consideration of properties which may be eligible for inclusion in the National Register of Historic Places and that may be affected as a result of the implementation of the Master Plan.

2. Mitigation of Adverse Effect

Mitigation procedures are as follows

a) Documentation of Building 1 to HABS/HAER standards:

Prior to demolition of the Building 1, the GSA will ensure that the building is documented according to the National Park Services Regional Office, Historic American Buildings Survey and Historic American Engineering Record (HABS/HAER) Level II. The GSA shall ensure that all documentation is complete prior to any demolition and that copies of this documentation are made available to HABS, the SHPO and to appropriate local archives designated by the SHPO.

b) Life of Gene Shoemaker full-length wall displays in the lobby of the new Shoemaker Building:

The displays will include pictures, memorabilia, and artifacts relating to Gene Shoemaker's career and his role in the founding of the field of Astrogeology.

c) Shoemaker Building:

The lobby of the Shoemaker building is designed to display Grover, the full-size prototype lunar rover that is official USGS museum property. In addition, high-quality full-size scale models of all spacecraft, from missions in which Astrogeology participated are to be displayed in the lobby of the Shoemaker Building along with a narrative explanation.

d) History of the Astrogeology Program displays in the Shoemaker Building:

Photographs, documents, and artifacts from the early history of the Astrogeology Program and their role in the Apollo Program will be displayed in the lobby of the Shoemaker Building. In addition, a computer kiosk will provide outreach materials, including computer programs and videos.

e) An enhanced outreach program for the general public and schools that emphasizes the role of the Flagstaff USGS in the Apollo Program:

The USGS has an outreach program that focuses on the Northern Arizona school systems, both teachers and students, as well as some tour groups. Under the mitigation plan, the USGS proposes to enhance the planetary aspect of the outreach program, including existing teacher/student programs, and create a web-based public tour and historic review.

f) A professional video that highlights the Astrogeology Program's role in the Apollo Missions:

The Astrogeology Program, pending available funding, will commission a video program that chronicles the local history of the Astrogeology Program and Gene Shoemaker, especially in relation to the training of the Apollo Astronauts. The video can be used for public programs, in the Shoemaker building kiosk, and sold (see Secrets in Stone as an example).

g) Archiving photographs and video or movie footage of facilities at various stages of use over the years:

Much of the film that exists in Flagstaff from the Apollo Mission era is transferred to video. The next stage is to transfer them to a more stable medium such as CD-ROM. The more interesting of these films will be available for viewing at a kiosk in the lobby of the Shoemaker Building and eventually be available to the public through the USGS Flagstaff Field Center web-site.

h) Locating, preserving, and archiving film footage and data from selected scientific tests and programs related to the Man in Space program:

Same as above; film has been transferred to video and needs to be transferred to CD-ROM; the Astrogeology Regional Planetary Information Facility (RPIF) in Building 4 currently contains many volumes of data related to the Man and Space program.

i Oral histories by living participants in the period of interest:

Both video and audio interviews exist for several of the Branch Chiefs for Astrogeology. The original project to video-interview all the Branch Chiefs (now Team Chief Scientists) was not completed and Astrogeology has been setting aside funds in order to complete those video interviews, as well as including a few prominent scientists who were not Branch Chiefs. Already, transcribed audio interviews of Gene Shoemaker and Gordon Swann, courtesy of William Finney, are available in the RPIF.

j Written historic summaries of the Apollo Mission days:

Both Gerald Schaber and Jack McCauley, USGS scientist emeriti who were intimately familiar with the Astrogeology's Apollo Mission efforts, are in the process of writing books. The former is specific to the early history of the Flagstaff Field Center, and latter focused on a scientist's entire career here, including not just the Apollo support but also the first Mariner Mission to Mars.

3. Archeological Resources

During construction excavation, periodic archeological monitoring will be performed under the supervision of an individual meeting, at a minimum, the professional qualifications for archeology set forth in the Secretary of the Interior's Standards and Guidelines for Archeology and Historic Preservation (48 FR 44739).

If, during the course of excavation and construction, any unexpected deposits are encountered, all earth moving activity in the area of impact shall cease immediately until the monitoring archeologist shall be given an opportunity to examine the find and assess its significance. The archeologist will so notify GSA and request that the work be delayed in the vicinity of the discovery for the minimum time necessary to recover data from the discovery. GSA will determine whether and for how long work will be delayed.

Monitoring will be performed expeditiously, in such a way as to minimize project delay. Project delays will be authorized only in the event of a major discovery. For purposes of this undertaking major discovery means:

1. an unusual, unexpected artifact, feature, or complex of artifacts and features unlike those documented in any data recovery report, and of apparent great significance to archeological research or public interpretation; or
2. Human skeletal remains, or
3. a Native American cultural item requiring compliance with Section 3 (d) of the Native American Graves Protection and Repatriation Act; or

- 4 a feature or complex of features whose study can very significantly contribute to elucidating one or more of research topics addressed in any data recovery report prepared for this project.

GSA shall ensure that all materials and records resulting from the implementation of this agreement will be curated in accordance with 36 CFR part 79. Materials to be returned to their owners, or those items subject to repatriation under the Native American Graves Protection and Repatriation Act (PL101-601) (NAGPRA), shall be maintained in accordance with 36 CFR part 79.

GSA shall ensure that any human remains encountered during the course of this undertaking are treated in a respectful manner. No construction activities will be allowed in the vicinity of the discovery until a Notice to Proceed is provided by GSA. A reasonable and good faith effort shall be made to identify the appropriate Native American tribe(s), or group(s), related to the human remains, and consult with them concerning the treatment of remains.

4. Dispute Resolution

Should the SHPO or Council object within 30 days to the actions proposed by GSA pursuant to this Memorandum of Agreement (MOA), GSA shall, for a period not exceeding 10 calendar days, consult with the objecting party to resolve the objection. If GSA determines that the objection cannot be resolved, GSA shall forward all documentation relevant to the dispute to the Council. Within 30 days after receipt of all pertinent documentation, the Council will either

a) provide GSA with recommendations, which the GSA will take into account in reaching a final decision regarding the dispute; or

b) notify GSA that it will comment pursuant to 36 CFR 800.6(b), and to proceed to comment. Any Council comment provided in response to such a request will be taken into account by GSA in accordance with 36 CFR 800.6(c)(2) with reference to the subject of the dispute.

Any recommendations or comment provided by the Council will be understood to pertain only to the subject of the dispute; GSA's responsibility to carry out all actions under this agreement that not subjects of the dispute will remain unchanged.

5. Public Objection

At any time during the implementation of the measures stipulated in this MOA, should an objection to any such measure or its manner or implementation be raised by a member of the public, GSA shall take the objection into account and consult as needed with the objecting party, the SHPO and the Council to resolve the objection.

6. Amendment

If any party to this MOA determines that its terms cannot be met or believes an amendment or addendum is necessary, that party shall immediately request the consulting parties to consider an amendment or an addendum to the MOA. Such amendment or addendum shall be executed in the same manner as the original MOA pursuant to 36 CFR 800.

7. Failure to Carry Out the Terms of the MOA

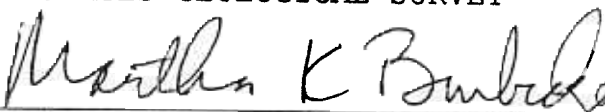
Failure to carry out the terms of the MOA requires that GSA again request the Council's comments in accordance with 36 CFR 800. If GSA cannot carry out the terms of the MOA, it will not take or sanction any action or make any irreversible commitment that would result in an adverse effect to a historic property or that would foreclose the Council's consideration of modifications or alternatives to the Undertaking until the commenting process has been completed.

Execution of the MOA and implementation of its terms evidence that the GSA has taken into account the effects of the undertaking on historic properties and has afforded the Advisory Council on Historic Preservation an opportunity to comment.

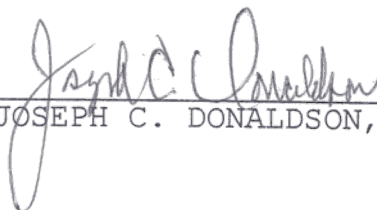
GENERAL SERVICES ADMINISTRATION

BY:  DATE: 6/29/01
JOHN A. PETKEWICH ASSISTANT REGIONAL ADMINISTRATOR

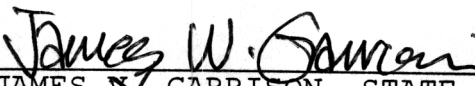
UNITED STATES GEOLOGICAL SURVEY

BY:  DATE: 6/29/01
MARTHA BURBIDGE, CHIEF, OFFICE OF WESTERN REGIONAL SERVICES

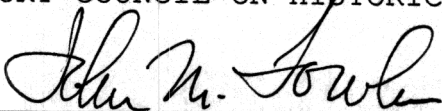
CITY OF FLAGSTAFF

BY:  DATE: 7/02/01
JOSEPH C. DONALDSON, MAYOR

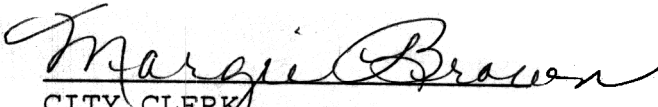
STATE HISTORIC PRESERVATION OFFICE

BY:  DATE: 7/3/01
JAMES W. GARRISON, STATE HISTORIC PRESERVATION OFFICER

ADVISORY COUNCIL ON HISTORIC PRESERVATION

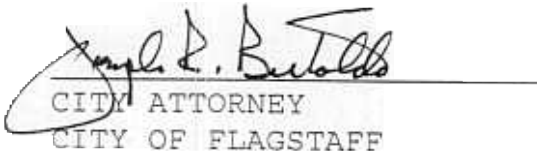
BY:  DATE: 7/9/01
JOHN M. FOWLER, EXECUTIVE DIRECTOR

ATTEST:



CITY CLERK
CITY OF FLAGSTAFF

APPROVED AS TO FORM:



CITY ATTORNEY
CITY OF FLAGSTAFF