



DEPARTMENT OF THE AIR FORCE

HEADQUARTERS 49TH FIGHTER WING (ACC)
HOLLOMAN AIR FORCE BASE, NEW MEXICO



MEMORANDUM FOR NEW MEXICO ENVIRONMENT DEPARTMENT

APR 27 2007

Attn: Mr. James P. Bearzi
Hazardous Waste Bureau
2905 Rodeo Park Drive East, Building 1
Santa Fe NM 87505-6303



FROM: 49 CES/CEV
550 Tabosa Ave.
Holloman AFB NM 88330-8458

SUBJECT: Submittal of Information Required by NMED Letter of August 30, 2006
Septic Tanks and Associated Drain Fields, Holloman AFB
EPA ID# NM6572124422

1. Pursuant to Part 4, Condition IV.B.3 of Permit No. NM6572124422, Holloman AFB is submitting the final portion of the required information.
2. This final portion of the required information covers the history of the facilities served by each septic tank and, based on the historic activities that occurred in each facility, the possible wastes that were discharged into the septic systems.
3. If you have any questions or comments, please contact Mr. Dave Griffin or Mr. George Fish at (505) 572-3931.

DEBORAH J. HARTELL
Chief, Environmental Flight

cc: w/Attachments
Mr. Cornelius Amindyas
Hazardous Waste Bureau
5500 San Antonio Dr. NE
Albuquerque NM 87109

Mr. David Strasser
Hazardous Waste Bureau
5500 San Antonio Dr. NE
Albuquerque NM 87109

HOLLOMAN AIR FORCE BASE
SEPTIC TANKS
HISTORY

Holloman's records show a list of fifty seven (57) septic tank systems broken into three categories- Active Septic Systems, Inactive Septic Systems, and Removed Septic Systems. The systems are identified by the Building number they are/were attached to. There are twenty five (25) Active Septic Systems which are listed in this report. There are twenty one (21) Inactive Septic Systems that are listed and the history of activities in the building associated with the system is identified to the extent of available knowledge. There are eleven (11) Removed Septic Systems listed with histories based on available record knowledge.

The Active systems are identified, but no histories of the buildings are provided as this will likely change over time particularly with change in mission (aircraft on base) or tie-in to the base waste water treatment system. A history will be added to this list if and when the septic system is no longer needed and moved to the Inactive or Removed list.

The Inactive systems are scheduled for proper closure per guidance given in the NMED Liquid Waste Regulation 20.7.3.307 NMAC. This regulation calls for capping of the line(s) from the building to the septic tank, pumping out the tanks contents, penetration of the bottom of the tank, along with collapse of the tank roof and filling of the tank with sand or soil.

The septic systems on the Removed list have had the actual septic tank excavated and removed.

A search of Real Property records and the Historic Properties Inventory yielded the information available on the buildings. There was not information available on every building, but if new information becomes available, it will be added to the list.

ACTIVE SEPTIC SYSTEMS

No	Bldg Number	Year Completed	Dimensions	Capacity
1	149	1998		1000
2	312	1994		1000
3	375	1968		500
4	882			
5	864 (863)	1994	5'x8'x6'4"	750
6	885	1970	7'10"x4'8"x6'10"	1000
7	886			
8	887	1991		1000
9	923	1959	4'2"x7"x7'9.5"	1600
10	1022	1992		1200
11	1066	1994		1000
12	1160	1957	5'x12'4"x7'6"	1500
13	1161	1957		750
14	1162	1957		350
15	1163	1957		350
16	1169	1962		1680
17	1195	1962		1260
18	1256	1970	12'8"x4'8"x5'	
19	1270			
20	1271			
21	1278	2004		1250
22	1284			
23	1625			
24	75600	1989		1200
25	La Luz Gate (1290)(1292)	2004		1250

INACTIVE SEPTIC SYSTEMS

No	Bldg Number	Year Completed	Dimensions	Capacity
1	308	1965		
2	920	1959	4'2"x7"x7'9.5"	1600
3	921	1959	4'2"x7"x7'9.5"	1600
4	922	1959	4'2"x7"x7'9.5"	1600
5	924	1959	4'2"x7"x7'9.5"	1600
6	1091	1969	6'8"x3'x8'5"	
7	1097	1987	5'10"x5'x7'8"	1672
8	1190	1952	9'x4'x8'10"	3000
9	1194	1987	4'x4'x8'10"	1350
10	1196	1993	4'6"x11'x6'	1300
11	1199	1957		500
12	1200	1954	4'x8'x4'	1000
13	1201	1951	2'6"x6'6"x5'5"	650
14	1219	1985	5'4"x10'6"x8'4"	
15	1221	1983	4'8"x9'4"x6'2"	1100
16	1226	1985	5'6'2"x6'	
17	1235	1986		1189
18	1239	1977	4'6"x8'6"x6'	750
19	1250	1957		350
20	1251			
21	1269	1966	4'6"x9'	500

INACTIVE SEPTIC SYSTEMS

BUILDING 308

This is a 3200 SF building originally constructed in 1965. The original operation in the building was calibration of guided weapons for aircraft. Currently it serves as storage for aircraft support equipment. Facilities associated with the septic system consist of:

- Toilet
- Lavatory
- Janitorial Sink



INACTIVE SEPTIC SYSTEMS

BUILDINGS 920, 921, 922

These are three identical buildings constructed in 1959. Each building has 1900 SF. They were originally built for ammunition assembly which primarily consisted of bolting rocket components together prior to use. All three buildings are presently vacant and empty.

Each of the three buildings has a simple bathroom consisting of a:

- Toilet
- Lavatory







INACTIVE SEPTIC SYSTEMS

BUILDING 924

This building was constructed in 1959 and has 4800 SF.

The building's original service was ammunition assembly similar to buildings 920-922.

It was later used for maintenance of radar tracking equipment.

The facilities in the building consist of:

- Toilet
- Urinal
- Lavatory
- Janitorial Sink

There are no pictures on file of this building.

INACTIVE SEPTIC SYSTEMS

BUILDING 1091

There are no files on this building and the building has been demolished.
The building served as the Airfield Control Tower until replaced by the present Control Tower

INACTIVE SEPTIC SYSTEMS

BUILDING 1097

Specifications and history of this building are given in the following "Cold War Survey: Holloman Air Force Base".

Facilities in this building consist of:

- Toilet
- Urinal
- Lavatory

COLD WAR SURVEY: HOLLOMAN AIR FORCE BASE

NAME:

Current: Communications, Receiver.

Historic: Transmitter/Receiver.

Street Address: 1432 Sabre Road, HAFB, 88330-7842.

Building Number:**1097****I. GENERAL INFORMATION:**Current Condition: Intact Needs maintenance Deteriorated Archaeological

Comments: In need of routine maintenance.

Degree of Alteration: None Minor Moderate Major

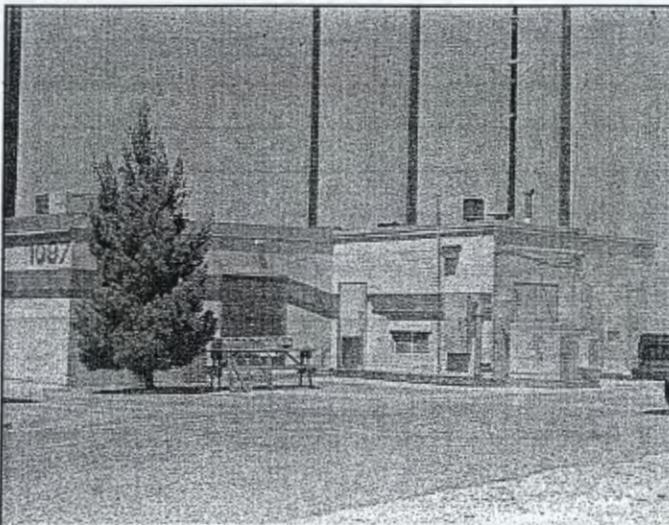
Comments:

Preliminary Determination of National or State Register Eligibility:

 Exceptional importance Potentially eligible Further research recommended Ineligible

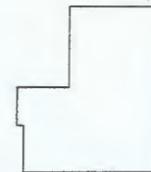
Comments: Building 1097 has not retained historic integrity.

Contact: Martyn Tagg, Archaeologist, 49 CES/CEV, 550 Tabosa Avenue, HAFB, NM 88330-8458.

**BUILDING FOOTPRINT:**

40' x 50'

Photo ↙



Date of completion: c1953

137

II. ARCHITECTURAL DESCRIPTION:

(Give a visual description of the building. Include date of construction, whether actual or an estimate, and a discussion of any structural modifications to the building. List architect and builder, if known. Cite sources of information.)

Building 1097 is a small transmitter building designed with few embellishments for utilitarian use only. Building 1097 originally had a rectangular footprint identical to Building 1098 and Building 1095. The original floor plan was sectioned into 4 rooms. An addition was constructed at the west elevation in 1986 using compatible structural and architectural components (CE File #1097-1). Both the builder and the architect are unknown.

III. HISTORIC AND CURRENT USE:

Source: Real Property Accountable Record/1097.

Current Function: Receiver/Air Traffic Control/Radio Control.

Original Function: Transmitter/Receiving/Communications.

Interim Functions:

IV. ORIGINAL ARCHITECTURAL AND STRUCTURAL FEATURES (IF KNOWN):

Source: CE File #1098-1 (c1952).

Foundation: Concrete wall footing. Concrete slab on granular fill.

Exterior walls: Painted concrete masonry units (CMU).

Roof: BUR on 2" rigid insul.; 2" poured gypsum on gyp board sup. by steel joists.

Notable interior features, including machinery:

Construction drawings document "UHF Radio Air/Ground Facilities AN/GRC-27".

V. CURRENT FEATURES IF DIFFERENT FROM ORIGINAL:

Source: Field visit Summer 1995.

Foundation:

Exterior walls:

Roof:

Notable interior features, including machinery:

Continues to function as a communications facility/receiver site.

VI. BRIEF STATEMENT OF HISTORIC SIGNIFICANCE:

Building 1097 has served as a Base communications facility since its completion c1953. Several renovations have resulted in a loss of historic integrity for this building. Building 1097 is no longer eligible for the National Register of Historic Places.

VII. ASSOCIATED BUILDINGS:

Location plan CE File #1098-2 identifies at least three north area transmitter sites. Building 1097 was associated with transmitter Building 1098. This facility is also associated with the flightline, and with communications Building 221.

VIII. ADDITIONAL COMMENTS AND MAINTENANCE RECOMMENDATIONS:

Building #1097 retains its original function as a radio receiver facility, however it has been modified to accommodate electrical, mechanical, and equipment additions and change-outs. Original equipment has been replaced.

Office space was added to the south elevation (1986: CE File #1097-1). All six windows at the north, east and west elevations have been blocked in. Original doors have been replaced. Vinyl floor tile covers original tile throughout. Dropped ceilings have been added.

This building, although retaining historic significance as a receiving site, has lost integrity of design, materials, workmanship, and association with its period of significance. Note: A Sgt. Boots (extension 3132) was identified by Building 1097 personnel as being a possible source for oral history research concerning specific activities associated with this facility.

IX. ASSESSMENT OF HISTORIC INTEGRITY:

Location: Has any or all of the structure been moved from its original construction site?

Unable to determine Portions of the structure have been moved Entire structure located at original site.

Comments:

Design: What percentage of the elements (structural, technological, architectural and decorative) remain intact?

Unable to determine <25% intact 25% to 50% intact 50% to 75% intact >75% intact

Comments: Office space added to the west elevation (c1986: CE File #1097-1).

Setting: To what extent has the natural setting (i.e., topography, viewshed, and vegetation) been maintained?

Unable to determine Retains very little Retains most Retains all or nearly all of its natural setting

To what extent does the cultural setting remain, including surrounding patterns of land use, and associated buildings?

Unable to determine Retains very little Retains most Retains all or nearly all of its cultural setting

Comments: Construction of adjacent buildings has altered viewshed.

Materials: To what extent have the original materials used to construct this structure been retained?

Exterior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Interior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Comments: Windows have been blocked in.

Workmanship: To what degree does the original structural and decorative craftsmanship remain visible?

Exterior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Interior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Comments: An addition obscures the original west elevation. The original window treatments removed. Dropped ceilings added. Original asphalt floor tile covered.

Feeling: To what extent does the building or structure retain its original natural, historic, and aesthetic character?

Unable to determine Little or no integrity of feeling remains Some elements remain Retains integrity

Comments: The presence of interior communications equipment and exterior poles contribute to the integrity of feeling as a radio site.

Association: Does this building or structure appear to retain a visible link with its historic period of significance?

Unable to determine Little or no integrity remains Some elements remain Retains integrity

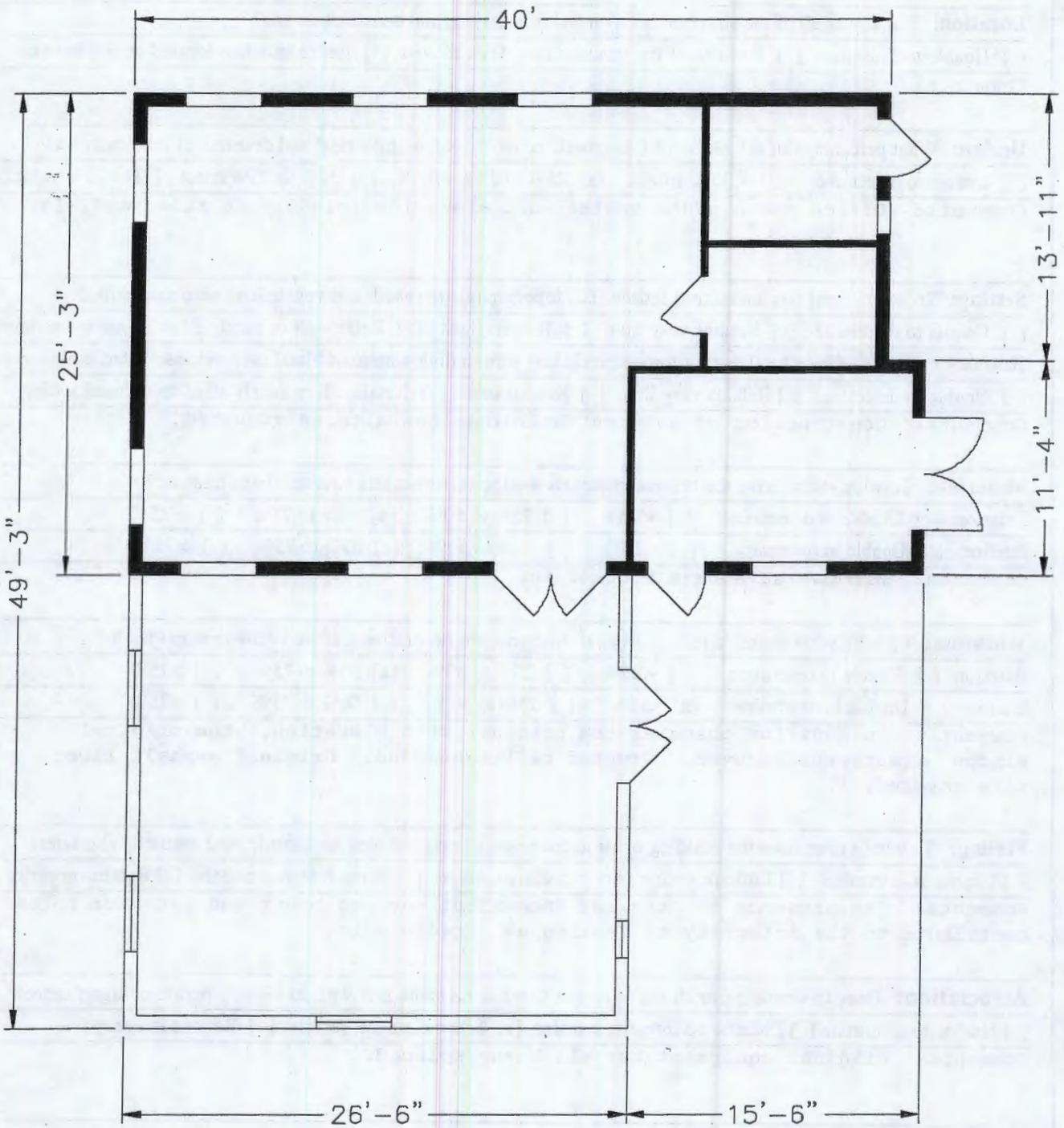
Comments: Original equipment has all been replaced.

X. FURTHER INFORMATION:

Surveyed By:

Jean Fulton
Sonya Cooper
2500 Jordan Road
Las Cruces, NM 88001

HAFB Report Number: CRM Publication #3
Photograph Citation: CD-ROM #2-Photo #81
Negatives On File: 49 CES/CEV, 550 Tabosa Ave, HAFB
Date of Field Visit: SUMMER 1995



140

Source: CE File #1098-2 (c1971)

State of New Mexico Office of Cultural Affairs Historic Preservation Division	BUILDING 1097 Holloman Air Force Base Alamogordo, New Mexico	Project No. 35-95-HAFB-4	AutoCAD rendering by: <i>Steve Merrill</i> New Mexico State University Sheet 1 of 1	
---	---	-----------------------------	---	---

INACTIVE SEPTIC SYSTEMS

BUILDING 1190

This building was constructed in 1952 and demolished in 2002. Specifications and history are provided in the "Cold War Survey".

COLD WAR SURVEY: HOLLOMAN AIR FORCE BASE

NAME:

Current: Security Police Building.
 Historic: Change House/Unconventional Fuel Storage.
 Street Address: 1514 Lethal Road, HAFB, 88330-7840.

Building Number:

1190

I. GENERAL INFORMATION:

Current Condition: Intact Needs maintenance Deteriorated Archaeological

Comments: Building 1190 is in need of routine maintenance.

Degree of Alteration: None Minor Moderate Major

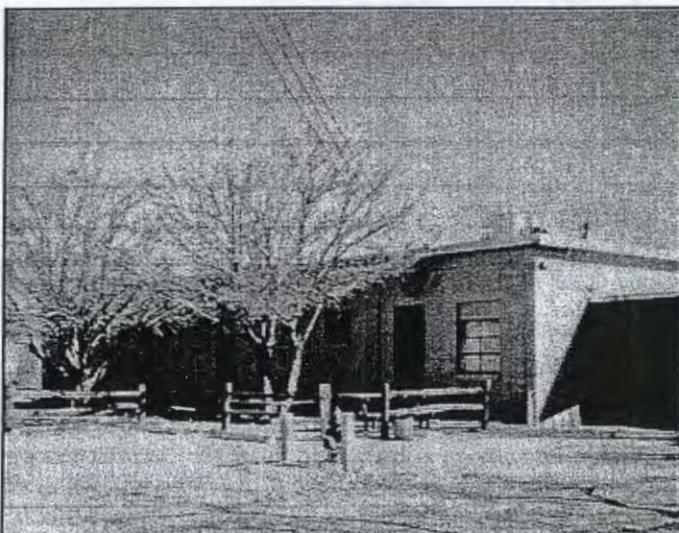
Comments: Interior partitions have been removed (date unknown).

Preliminary Determination of National or State Register Eligibility:

Exceptional importance Potentially eligible Further research recommended Ineligible

Comments: Does not meet "exceptional importance" rule. See Section VIII.

Contact: Martyn Tagg, Archaeologist, 49 CES/CEV, 550 Tabosa Avenue, HAFB, NM 88330-8458.



BUILDING FOOTPRINT:

37' x 73'

Photo
↓



Date of completion: c1952

201

II. ARCHITECTURAL DESCRIPTION:

(Give a visual description of the building. Include date of construction, whether actual or an estimate, and a discussion of any structural modifications to the building. List architect and builder, if known. Cite sources of information.)

Building 1190 is a single-story, flat-roofed, concrete masonry unit (CMU) building exhibiting large roll-up equipment doors, numerous personnel access doors, and asymmetrical window fenestration. Construction drawings prepared in 1951 were stamped "As-built" but were not stamped in the revision block. Real Property Accountable Record/1190 indicates that Building 1190 was completed c1952 as a Change House for unconventional fuels personnel. W. C. Kruger Company (Santa Fe, NM) provided the construction drawings stored in CE File #1190. The builder is not known. A comparison of the current building and original blueprints reveals that no structural modifications to the building have occurred.

III. HISTORIC AND CURRENT USE:

Source: Real Property Accountable Record/1190; CE File 1195-1 (c1951).

Current Function: Security Police operations.

Original Function: Change House, Unconventional Fuels.

Interim Functions: "RC Con House" (n.d.); "Prpln R-L Fuel/Lub" (n.d.); Prop Res Lab Rocket" (n.d.); "Prpln R-L Rkt" (n.d.); Sp Operations (n.d.).

IV. ORIGINAL ARCHITECTURAL AND STRUCTURAL FEATURES (IF KNOWN):

Source: CE File #1190-1 (c1951).

Foundation: Poured concrete footings and grade beams; concrete slab.

Exterior walls: Concrete masonry units (CMU).

Roof: (Built-up) gravel on rigid insul.; 2" slab sup. by metal lath and steel joists.

Notable interior features, including machinery: Shower stalls, locker room, dressing room, and laboratories.

V. CURRENT FEATURES IF DIFFERENT FROM ORIGINAL:

Source: Field visit Summer 1995.

Foundation:

Exterior walls:

Roof:

Notable interior features, including machinery: None noted.

VI. BRIEF STATEMENT OF HISTORIC SIGNIFICANCE:

Recommend reassessment of Building 1190 once the fifty-year construction date is met in the year 2002. This building retains historic integrity.

VII. ASSOCIATED BUILDINGS:

According to CE File #1190-1 *Title Sheet*, Unconventional Fuels Storage Building 1190 was associated with Building 1194 (Booster Inspection), Building 1192 (Add Storage), Building 1191 (Aniline Storage), Building 1193 (Continuity Check Stand), and Building 1195 (Solid Fuel Conditioning).

VIII. ADDITIONAL COMMENTS AND MAINTENANCE RECOMMENDATIONS:

This building retains all aspects of historic integrity. Although not meeting the "exceptional importance" standard imposed on buildings constructed within the last fifty years, Building 1190 remains potentially eligible as an individual property once the fifty-year date of construction is met in the year 2002. Recommend inclusion in a Multiple Property nomination along with the other unconventional fuels storage buildings. Building 1190 is currently being used as a storage and administrative facility by the 49th Squadron Security Police personnel. The original shower stalls, dressing room, locker room, shop, tools and supply rooms are all used for storage. Free-standing shelves have been installed to accommodate storage. As a result, some original doors and windows are blocked from view. Minor alterations have occurred at the interior. Two partitions have been removed. Glazed tile walls appear to have been added to at least one office. Vinyl tile has been installed over one section of the concrete slab in what once served as a machine shop. Some of the window panes have been painted. Because this facility remains potentially eligible, recommend that the original design features be considered in future modifications, and that photographs document any changes to the essential features. Suggested routine maintenance: Prune trees away from principal facade. Noticeable water damage warrants inspection of the roof. Replace broken window panes. Repair hole at exterior south elevation wall.

IX. ASSESSMENT OF HISTORIC INTEGRITY:

Location: Has any or all of the structure been moved from its original construction site?

Unable to determine Portions of the structure have been moved Entire structure located at original site.

Comments:

Design: What percentage of the elements (structural, technological, architectural and decorative) remain intact?

Unable to determine <25% intact 25% to 50% intact 50% to 75% intact >75% intact

Comments: Interior room layout as a Change House remains a key design element. This layout includes large open interior spaces, smaller labs/offices, and showers, dressing, and locker rooms used by unconventional fuels personnel.

Setting: To what extent has the natural setting (i.e., topography, viewshed, and vegetation) been maintained?

Unable to determine Retains very little Retains most Retains all or nearly all of its natural setting

To what extent does the cultural setting remain, including surrounding patterns of land use, and associated buildings?

Unable to determine Retains very little Retains most Retains all or nearly all of its cultural setting

Comments: Although no longer used as such, Building 1190 continues to be situated in the vicinity of other buildings historically associated with unconventional fuels testing and storage. This building appears to be recently landscaped.

Materials: To what extent have the original materials used to construct this structure been retained?

Exterior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Interior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Comments: Two interior partitions removed. Glazed tile walls in office rather than CMU shown on original drawings.

Workmanship: To what degree does the original structural and decorative craftsmanship remain visible?

Exterior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Interior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Comments: Nearly all original workmanship remains visible, particularly at exterior.

Feeling: To what extent does the building or structure retain its original natural, historic, and aesthetic character?

Unable to determine Little or no integrity of feeling remains Some elements remain Retains integrity

Comments: Aside from the change in operations occurring here, Building 1190 remains essentially as it was originally constructed.

Association: Does this building or structure appear to retain a visible link with its historic period of significance?

Unable to determine Little or no integrity remains Some elements remain Retains integrity

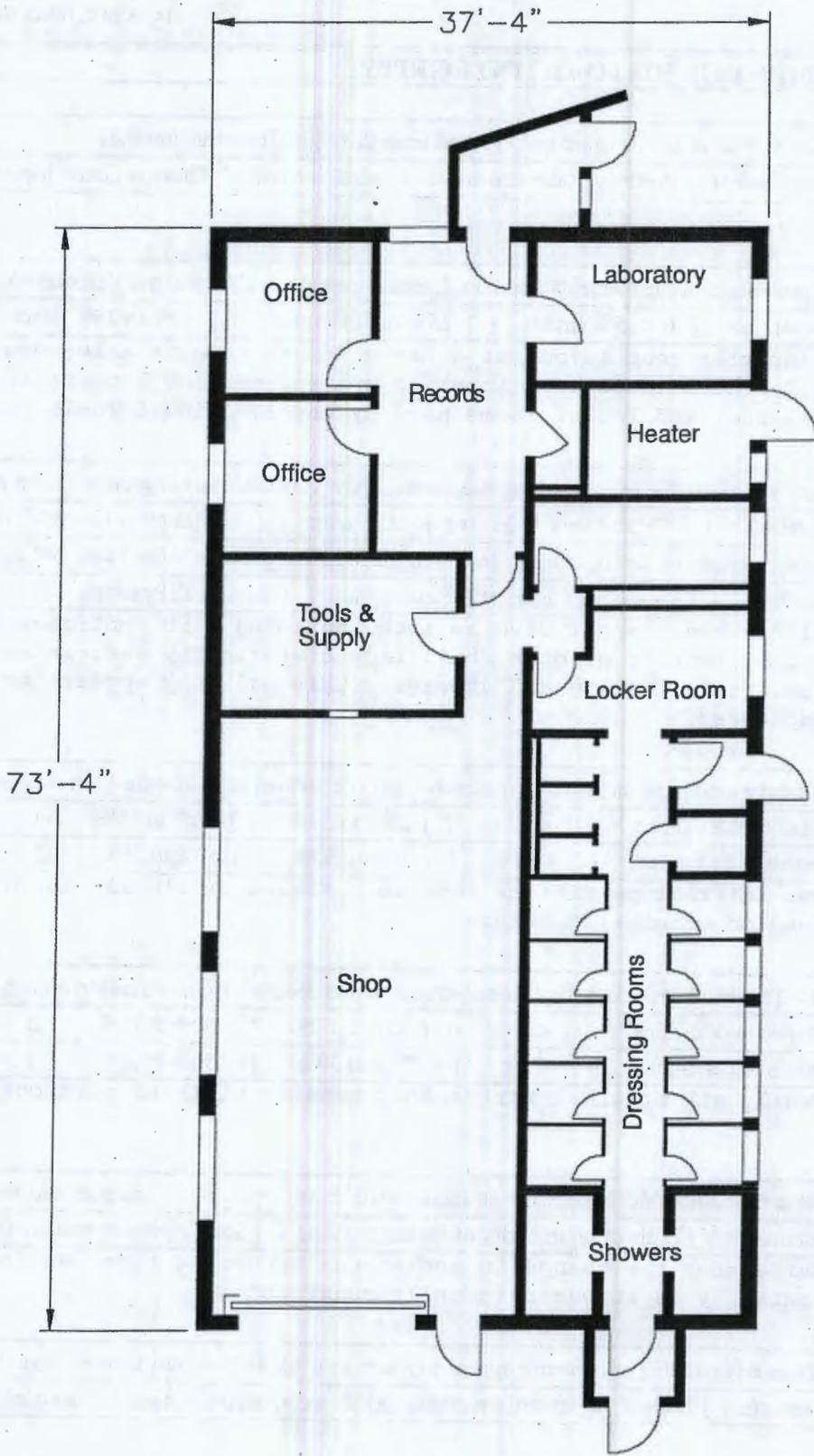
Comments:

X. FURTHER INFORMATION:

Surveyed By:

Jean Fulton
Sonya Cooper
2500 Jordan Road
Las Cruces, NM 88001

HAFB Report Number: CRM Publication #3
Photograph Citation: CD-ROM #-Photo #
Negatives On File: 49 CES/CEV, 550 Tabosa Ave, HAFB
Date of Field Visit: SUMMER 1995



204

Source: CE File #1190-1 (c1951)

State of New Mexico Office of Cultural Affairs Historic Preservation Division	BUILDING 1190 Holloman Air Force Base Alamogordo, New Mexico	Project No. 35-95-HAFB-4	AutoCAD rendering by: <i>Mike Gardner</i> New Mexico State University Sheet 1 of 1	
---	---	-----------------------------	--	---

INACTIVE SEPTIC SYSTEMS

BUILDING 1194

Specifications and history are given in the "Cold War Survey".
Facilities in this building consist of:

- Toilet
- Lavatory

COLD WAR SURVEY: HOLLOMAN AIR FORCE BASE

NAME:

Current: Research Equipment Storage.

Historic: Booster Inspection/Unconventional Fuel.

Street Address: 1584 Lethal Rd., HAFB, 88330-7840.

Building Number:**1194**

I. GENERAL INFORMATION:

Current Condition: Intact Needs maintenance Deteriorated Archaeological

Comments: Building 1194 is in need of minor routine maintenance.

Degree of Alteration: None Minor Moderate Major

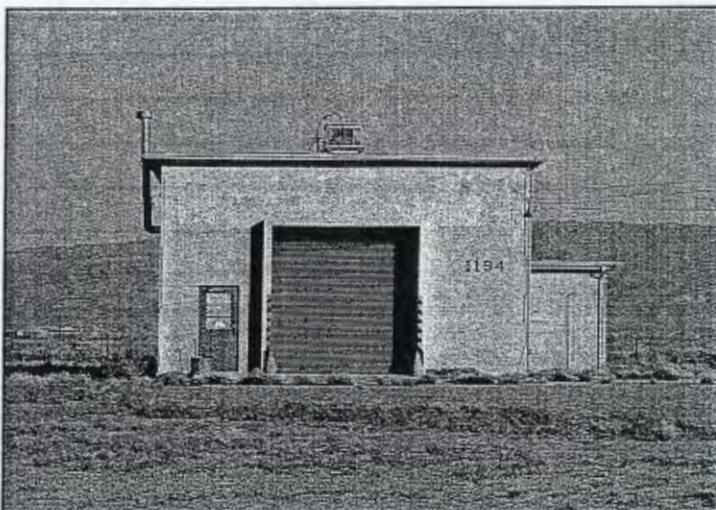
Comments: Interior partitioning is reversible.

Preliminary Determination of National or State Register Eligibility:

 Exceptional importance Potentially eligible Further research recommended Ineligible

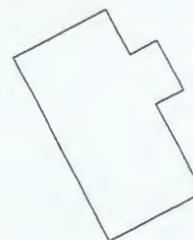
Comments: Does not meet "exceptional importance" rule. See Section VIII.

Contact: Martyn Tagg, Archaeologist, 49 CES/CEV, 550 Tabosa Avenue, HAFB, NM 88330-8458.



BUILDING FOOTPRINT:

30' x 60'



Photo

Date of completion: c1952

209

II. ARCHITECTURAL DESCRIPTION:

(Give a visual description of the building. Include date of construction, whether actual or an estimate, and a discussion of any structural modifications to the building. List architect and builder, if known. Cite sources of information.)

Building 1194 is a rectangular, single-story, high bay structure made of concrete masonry units (CMU) and exhibiting a flat roof. The principal elevation faces west, showing one large roll-up door, and one personnel door. One row of windows is located below the eave line at the north and south elevations. The ceiling at the interior is exposed. "As-built" construction drawings show that Building 1194 was completed in 1952. W. C. Kruger Co. (Santa Fe, NM) provided the architectural work (1952: CE File 1194). The builder is unknown. No structural modifications to the original structure were noted.

III. HISTORIC AND CURRENT USE:

Current Function: Research equipment storage.

Original Function: Missile Assembly Test Building/Booster Inspection.

Interim Functions: "Mls/Space Rsch Tst" (n.d.); "M/Assembly Test Bldg" (n.d.); "Shp Wpn and Rlse Sys" (c1976); "BE Stor Cv Fclty" (n.d.); "Rsch Equip Stor" (c1988).

IV. ORIGINAL ARCHITECTURAL AND STRUCTURAL FEATURES (IF KNOWN):

Source: CE File #1195-1 (c1952).

Foundation: Poured concrete footings and stem wall. Slab on compacted fill.

Exterior walls: CMU between concrete columns and bond beams.

Roof: BUR gravel. Rigid insulation. 2" concrete deck supported by steel joists.

Notable interior features, including machinery:

4-ton Wright Company chain-operated crane and hoist system, hoist no. 5197, serial no. 4925. The hoist is attached to a runway "I"-beam (crane) supported by steel support beams. Large metal roll-up doors at east and west elevations.

V. CURRENT FEATURES IF DIFFERENT FROM ORIGINAL:

Source: Field visit Summer 1995.

Foundation:

Exterior walls:

Roof:

Notable interior features, including machinery: None noted.

VI. BRIEF STATEMENT OF HISTORIC SIGNIFICANCE:

Building 1194, although not meeting the "exceptional importance" standard, may be eligible for the National Register for its role in early Cold War materiel development once the fifty-year construction date is met in 2002.

VII. ASSOCIATED BUILDINGS:

According to CE File #1195-1 (c1951) *Title Sheet*, Building 1194 was associated with Building 1190 (Change House), Building 1192 (Add Storage), Building 1191 (Aniline Storage), Building 1193 (Continuity Check Stand), and Building 1195 (Solid Fuel Conditioning).

VIII. ADDITIONAL COMMENTS AND MAINTENANCE RECOMMENDATIONS:

Building 1194 remains essentially as it was constructed c1952. The original floor plan layout included one main room and an equipment room. A small area in the northwest corner of the main room has been partitioned. No documentation was found pertaining to this modification. This minor partitioning of the main room is reversible. This building is no longer associated with either missile assembly and test activities or unconventional fuels storage, and currently serves as an equipment storage room for the 6585th Test Group. Construction drawings (1956: CE File # 1194-1) show that an addition to this building was planned. There is no indication that this addition was ever built. Because this building retains historic integrity, and may be eligible for the National Register under Criteria A and/or C once the 50-year construction date is reached in the year 2002, recommend that future modifications take essential design features into account. Note: One isolated occurrence of prehistoric artifacts was noted on the grounds north of the building, including one white chert core, and one secondary chert flake.

Suggested routine maintenance: Scrape, prime, and paint the exterior. Replace downspouts. Prune landscape plantings away from foundation.

IX. ASSESSMENT OF HISTORIC INTEGRITY:

Location: Has any or all of the structure been moved from its original construction site?

Unable to determine Portions of the structure have been moved Entire structure located at original site.

Comments: Construction drawings show plans for an addition to the north elevation (1956: CE File #1194-1). There is no evidence that this addition was ever built.

Design: What percentage of the elements (structural, technological, architectural and decorative) remain intact?

Unable to determine <25% intact 25% to 50% intact 50% to 75% intact >75% intact

Comments: The high open-bay floor plan allowing the crane and hoist system, and the large metal equipment roll-up doors remain as key design elements.

Setting: To what extent has the natural setting (i.e., topography, viewshed, and vegetation) been maintained?

Unable to determine Retains very little Retains most Retains all or nearly all of its natural setting

To what extent does the cultural setting remain, including surrounding patterns of land use, and associated buildings?

Unable to determine Retains very little Retains most Retains all or nearly all of its cultural setting

Comments: Buildings 1193 and 1194 remain in an unmodified and isolated setting.

Materials: To what extent have the original materials used to construct this structure been retained?

Exterior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Interior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Comments: Nearly all of the historic materials used to construct this building remain visible.

Workmanship: To what degree does the original structural and decorative craftsmanship remain visible?

Exterior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Interior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Comments: Two doors have been replaced. All windows appear to be original. Interior partitions at the northwest corner divide the original floor plan.

Feeling: To what extent does the building or structure retain its original natural, historic, and aesthetic character?

Unable to determine Little or no integrity of feeling remains Some elements remain Retains integrity

Comments: Although retaining its original open floor plan, this building is currently used for storage of modern equipment.

Association: Does this building or structure appear to retain a visible link with its historic period of significance?

Unable to determine Little or no integrity remains Some elements remain Retains integrity

Comments: The open floor plan, isolated setting, hoist system, and nearby continuity check stand (Building 1193) contribute to this building's integrity of association.

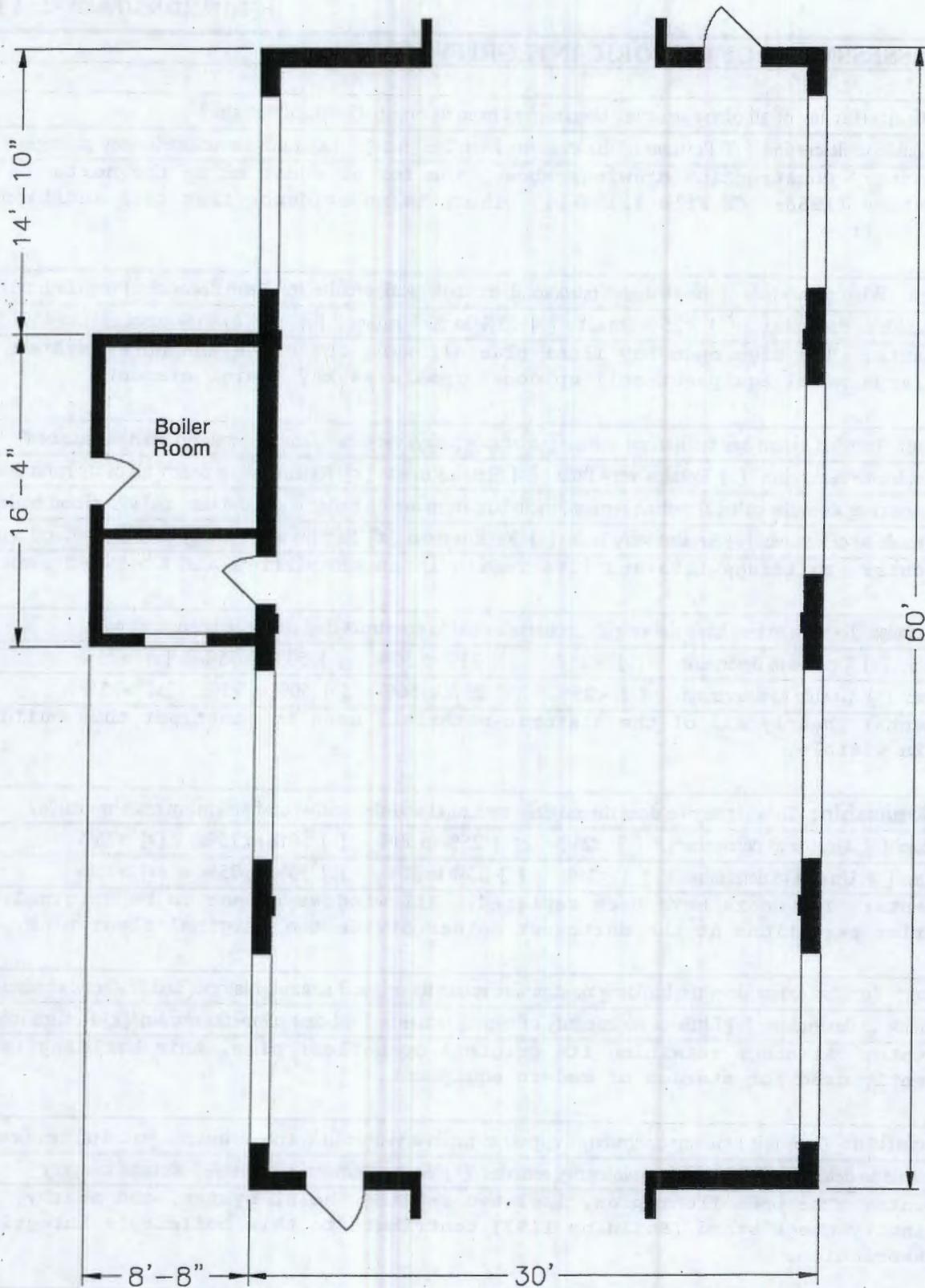
X. FURTHER INFORMATION:

Surveyed By:

Jean Fulton
Sonya Cooper
2500 Jordan Road
Las Cruces, NM 88001

HAFB Report Number: CRM Publication #3
Photograph Citation: CD-ROM #3-Photo #31
Negatives On File: 49 CES/CEV, 550 Tabosa Ave, HAFB
Date of Field Visit: SUMMER 1995

212



Source: CE File #1195-1 (c1951)

State of New Mexico
Office of Cultural Affairs
Historic Preservation Division

BUILDING 1194

Holloman Air Force Base
Alamogordo, New Mexico

Project No.
35-95-HAFB-4

AutoCAD rendering by:
Steve Merrill
New Mexico State University

Sheet 1 of 1



INACTIVE SEPTIC SYSTEMS

BUILDING 1196

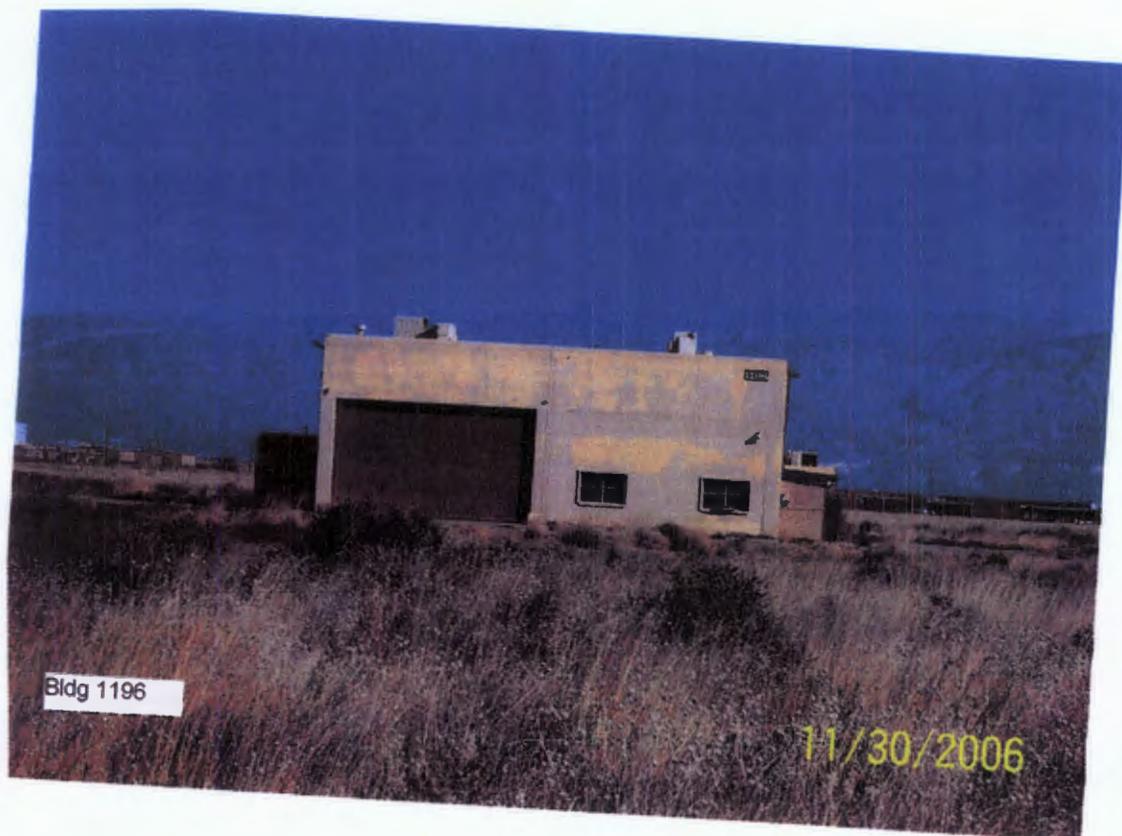
This building was constructed in 1956. It originally built for missile assembly, but is now in communications equipment storage.

The original facilities consisted of:

- Toilet
- Lavatory

These facilities were replaced in 1975 with:

- Toilet
- Urinal
- Lavatory



INACTIVE SEPTIC SYSTEMS

BUILDING 1199

This building was constructed in 1957. It was originally built as a rocket fuel laboratory. In 1987 it was converted to the Security Forces Kennel.

As the fuels laboratory, it contained:

- Toilet
- Urinal
- Lavatory
- Shower

After conversion to the kennel, the facilities were changed to:

- Toilet
- Urinal
- Stainless Steel Sink



INACTIVE SEPTIC SYSTEMS

BUILDING 1200

Specifications and History: See "Cold War Survey".

COLD WAR SURVEY: HOLLOMAN AIR FORCE BASE

NAME:

Current: SC Lab, Medical (VACANT).

Historic: Space Biology Laboratory.

Street Address: 841 Douglas Road, HAFB, 88330-7823.

Building Number:**1200****I. GENERAL INFORMATION:**Current Condition: Intact Needs maintenance Deteriorated Archaeological

Comments: Building 1200 is abandoned, and showing signs of deterioration.

Degree of Alteration: None Minor Moderate Major

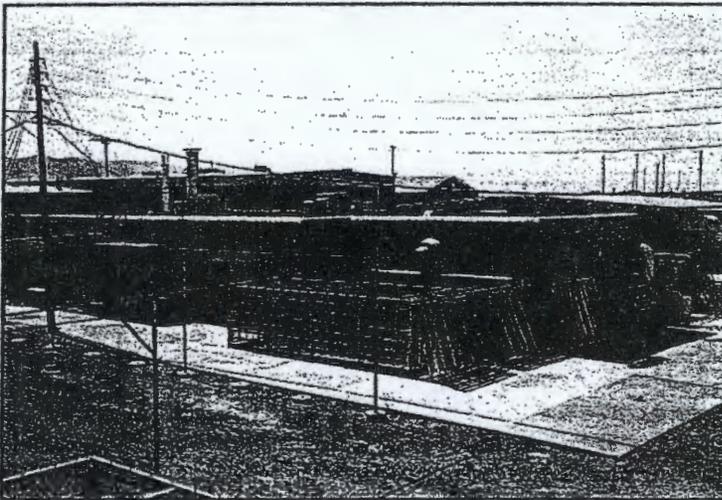
Comments: Alterations are architectural rather than structural.

Preliminary Determination of National or State Register Eligibility:

 Exceptional importance Potentially eligible Further research recommended Ineligible

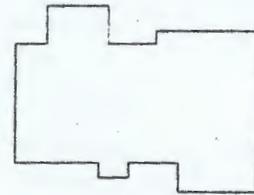
Comments: Building 1200 no longer retains historic integrity. See Section VI.

Contact: Martyn Tagg, Archaeologist, 49 CES/CEV, 550 Tabosa Avenue, HAFB, NM 88330-8458.



BUILDING FOOTPRINT:

50' x 77'



Photo

Date of completion: c1954

273

II. ARCHITECTURAL DESCRIPTION:

(Give a visual description of the building. Include date of construction, whether actual or an estimate, and a discussion of any structural modifications to the building. List architect and builder, if known. Cite sources of information.)

Building 1200 is a rectangular, single-story, flat-roofed concrete masonry unit (CMU) building constructed as one of several laboratories dedicated to important aeromedical research using both animals and humans. None of the construction drawings were correctly stamped "As-built." According to Real Property Accountable Record/1200, the estimated date of construction is 1954. Subsequent improvements documented in CE File drawer #1200 include an addition to the medical lab (c1958), a covered passageway added to the boiler room (c1957), and a frame wall addition to the surgery room (c1957). Neither the builder nor the architect is known.

III. HISTORIC AND CURRENT USE:

Source: Real Property Accountable Record/1200; Field visit Summer 1995.

Current Function: Vacant.

Original Function: Space Biology laboratory/Animal experimentation.

Interim Functions: Animal experimentation/Storage.

IV. ORIGINAL ARCHITECTURAL AND STRUCTURAL FEATURES (IF KNOWN):

Source: CE File #1200-1 (c1953).

Foundation: Concrete wall footings. Concrete slab on fill.

Exterior walls: Painted concrete masonry units (CMU).

Roof: BUR on concrete deck, supported by metal lathe and steel bar joists.

Notable interior features, including machinery:

Originally used as a medical laboratory, with work tables, work benches, built-in lockers, cabinets, operating tables, x-ray tables, etc.

V. CURRENT FEATURES IF DIFFERENT FROM ORIGINAL:

Source: Field visit Summer 1995.

Foundation:

Exterior walls:

Roof:

Notable interior features, including machinery:

One room is currently being used for storage. All medical and laboratory equipment has been removed.

VI. BRIEF STATEMENT OF HISTORIC SIGNIFICANCE:

Due to extensive alterations to the exterior, Building 1200 no longer retains historic integrity. Recommend, however, that this building be considered as a contributing feature in a basewide early Cold War National Register of Historic Places Multiple Property nomination.

VII. ASSOCIATED BUILDINGS:

Building 1200 was an integral part of Holloman's aeromedical facilities, including Buildings 1201, 1202, 1203, 1204, 1205, and 1264.

VIII. ADDITIONAL COMMENTS AND MAINTENANCE RECOMMENDATIONS:

Since its original construction c1954, Building 1200 has been used as a laboratory and medical facility for a wide variety of research animals, including trout, black bear, dogs, mice, and chimpanzees. Although currently abandoned, this building featured a lead-lined x-ray room, an autopsy room, an observation room, a surgery room, a dark room, and animal pens (c1954: CE File #1200-1). Built-in steel lockers, metal cages, x-ray tables, work benches, food bins, operating tables, scrub sinks, surgical lamps, sterilizers, etc. have been removed. Two exterior doors have been blocked in, and thirteen exterior windows have been blocked in. One exterior door and one exterior window have been added. Interior walls have been added, removed, or relocated. A storage room has been added to the south elevation. Animal cages remain at the west elevation. The presence of dead rodents, foul odors, torn pipe and duct insulation (possible containing asbestos) and peeling paint (possible lead-based) represent hazards to health and safety. Because of the unique and important nature of the research conducted here, recommend that this building be nominated as a contributing feature as part of an HAFB early Cold War National Register Multiple Property nomination.

IX. ASSESSMENT OF HISTORIC INTEGRITY:

Location: Has any or all of the structure been moved from its original construction site?

Unable to determine Portions of the structure have been moved Entire structure located at original site.

Comments: The building has been located at its present location since c1954.

Design: What percentage of the elements (structural, technological, architectural and decorative) remain intact?

Unable to determine <25% intact 25% to 50% intact 50% to 75% intact >75% intact

Comments: Most of the original doors and windows have been removed. All of the equipment has been removed. Most of the original finishes have been obscured.

Setting: To what extent has the natural setting (i.e., topography, viewshed, and vegetation) been maintained?

Unable to determine Retains very little Retains most Retains all or nearly all of its natural setting

To what extent does the cultural setting remain, including surrounding patterns of land use, and associated buildings?

Unable to determine Retains very little Retains most Retains all or nearly all of its cultural setting

Comments: Continues to be situated in an isolated setting with the other Aeromedical facilities.

Materials: To what extent have the original materials used to construct this structure been retained?

Exterior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Interior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Comments: Elevations have changed due to modified openings, an addition, and a covered passageway. Interior wainscot and cornice removed, wall tile added.

275

Workmanship: To what degree does the original structural and decorative craftsmanship remain visible?

Exterior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Interior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Comments: Exterior walls and cages remain intact. Some architectural features remain. Most of the original interior workmanship has been lost.

Feeling: To what extent does the building or structure retain its original natural, historic, and aesthetic character?

Unable to determine Little or no integrity of feeling remains Some elements remain Retains integrity

Comments: Building 1200 continues to be situated within the compound set aside for animal research. Chimpanzee research continues today in nearby buildings.

Association: Does this building or structure appear to retain a visible link with its historic period of significance?

Unable to determine Little or no integrity remains Some elements remain Retains integrity

Comments: Although all of the equipment has been removed, this building still demonstrates a link with its past by virtue of its setting, the odors, and the animal cages.

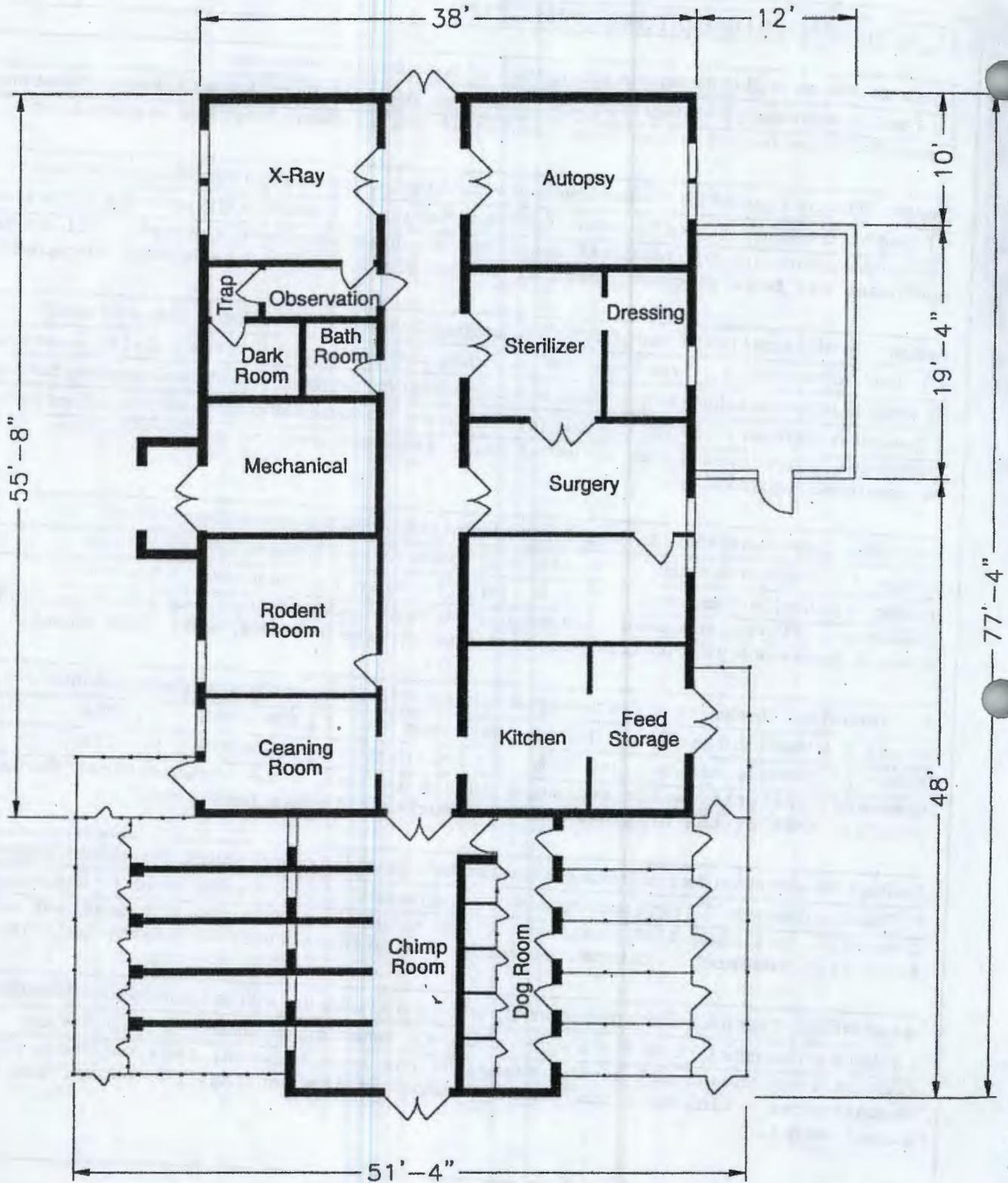
X. FURTHER INFORMATION:

Surveyed By:

Jean Fulton
Sonya Cooper
2500 Jordan Road
Las Cruces, NM 88001

HAFB Report Number: CRM Publication #3
Photograph Citation: CD-ROM #1-Photo #94
Negatives On File: 49 CES/CEV, 550 Tabosa Ave, HAFB
Date of Field Visit: SUMMER 1995

276



Source: CE File #1200-1 (c1954)

State of New Mexico
 Office of Cultural Affairs
 Historic Preservation Division

BUILDING 1200

Holloman Air Force Base
 Alamogordo, New Mexico

Project No.
 35-95-HAFB-4

AutoCAD rendering by:
 Steve Merrill
 New Mexico State University

Sheet 1 of 1



INACTIVE SEPTIC SYSTEMS

BUILDING 1201

Specifications and History: See "Cold War Survey"

COLD WAR SURVEY: HOLLOMAN AIR FORCE BASE

NAME:

Current: SC Lab Medical.

Historic: Aero. Medical Field Lab.

Street Address: 821 Douglas Road, HAFB, 88330-7823.

Building Number:**1201**

I. GENERAL INFORMATION:

Current Condition: Intact Needs maintenance Deteriorated Archaeological

Comments: Structurally intact. In need of routine maintenance.

Degree of Alteration: None Minor Moderate Major

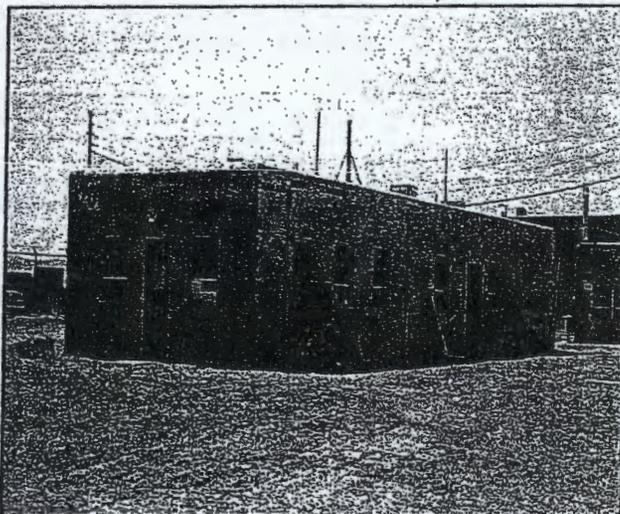
Comments: Mortuary/autopsy room added as subsequent improvement c1958.

Preliminary Determination of National or State Register Eligibility:

 Exceptional importance Potentially eligible Further research recommended Ineligible

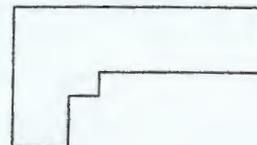
Comments: Eligible under Criteria A and/or C at a national level.

Contact: Martyn Tagg, Archaeologist, 49 CES/CEV, 550 Tabosa Avenue, HAFB, NM 88330-8458.



BUILDING FOOTPRINT:

47' x 83'

Photo
↓

Date of completion: c1951

II. ARCHITECTURAL DESCRIPTION:

(Give a visual description of the building. Include date of construction, whether actual or an estimate, and a discussion of any structural modifications to the building. List architect and builder, if known. Cite sources of information.)

Building 1201 is an "L-shaped", single-story, flat-roofed, building constructed primarily using painted 8" structural clay tile and exhibiting asymmetrical door and window placement. Animal cages occupy the west elevation. Real Property Accountable Record/1201 indicates that this science laboratory was constructed c1951. The construction drawings consulted were stamped "As-Built," although no date was given. Both the architect and builder are unknown.

At least two structural modifications may be viewed as subsequent improvements to the original building, including the addition of a Mortuary/Autopsy Room (c1958: CE File #1201-4), and the addition of a rooftop observation deck (c1952: CE File #1201-5).

III. HISTORIC AND CURRENT USE:

Source: Real Property Accountable Record/1201.

Current Function: Carpentry shop; Employee break room; Office space.

Original Function: Aerospace Medical Lab; Animal experimentation.

Interim Functions: "SC Lab Human Eng" (n.d.); "SC Lab Med (c1968).

IV. ORIGINAL ARCHITECTURAL AND STRUCTURAL FEATURES (IF KNOWN):

Source: CE File #1201-1 (c1951).

Foundation: Concrete wall footings. Concrete slab on grade.

Exterior walls: Painted structural clay tile.

Roof: Built-up roof w/ gravel on sheeting, supported by 2x12 wood joists.

Notable interior features, including machinery:

Fixed chain link cages, lab tables, equipment tables, work tables, wood storage bins, sterilizer, incubator.

V. CURRENT FEATURES IF DIFFERENT FROM ORIGINAL: (Based on field visit Summer 1995

[c1958 SUBSEQUENT IMPROVEMENT--MORTUARY/AUTOPSY]:

Foundation: Concrete wall footings. Concrete slab on grade.

Exterior walls: Painted cement masonry unit (CMU).

Roof: 5-Ply built up roof on concrete slab. Steel joists.

Notable interior features, including machinery:

Washer and dryer, kitchenette, tool room, table saw, furniture, lockers.

VI. BRIEF STATEMENT OF HISTORIC SIGNIFICANCE:

Building 1201 is eligible to the National Register under Criteria A and/or C at a national level of significance for its vital role in early aeromedical research in support of the early Cold War space exploration mission.

VII. ASSOCIATED BUILDINGS:

Building 1201 was associated with the other Aeromedical facilities, including Buildings 1200, 1202, 1203, 1204, 1205, 1206, and 1264.

VIII. ADDITIONAL COMMENTS AND MAINTENANCE RECOMMENDATIONS:

Building 1201 retains historic integrity as far as the structure itself goes. Very little physical evidence remains of this structure's original use as an animal laboratory. The cages have been removed. Two interior walls with doors have been added. One interior wall has been removed. Service sinks, work tables, wooden bins, an incubator, and other lab support items shown on c1951 construction drawings have been removed. An area of the original roof approx. 10' x 13' was reinforced with three inches of concrete for observation deck c1952 (CE File #1201-5). A mortuary/autopsy room was added c1958. These additions may be viewed as early improvements, and do not diminish Building 1201's historic integrity. Drawings itemize a "2-body" mortuary room, an autopsy table, a band saw, cabinets, a sterilizer, a photography area, and other laboratory equipment. This equipment has been removed. This room currently serves as a lounge area for employees. Due to the important research conducted here in support of this nation's space program, further research is warranted. Recommend that Building 1201 be included in a Cold War-era Multiple Property nomination. Suggested routine maintenance: This building is showing the signs of long-term neglect. Fill the stress cracks at the exterior corners. Scrape and paint exterior walls. Replace window glass and door hardware as needed.

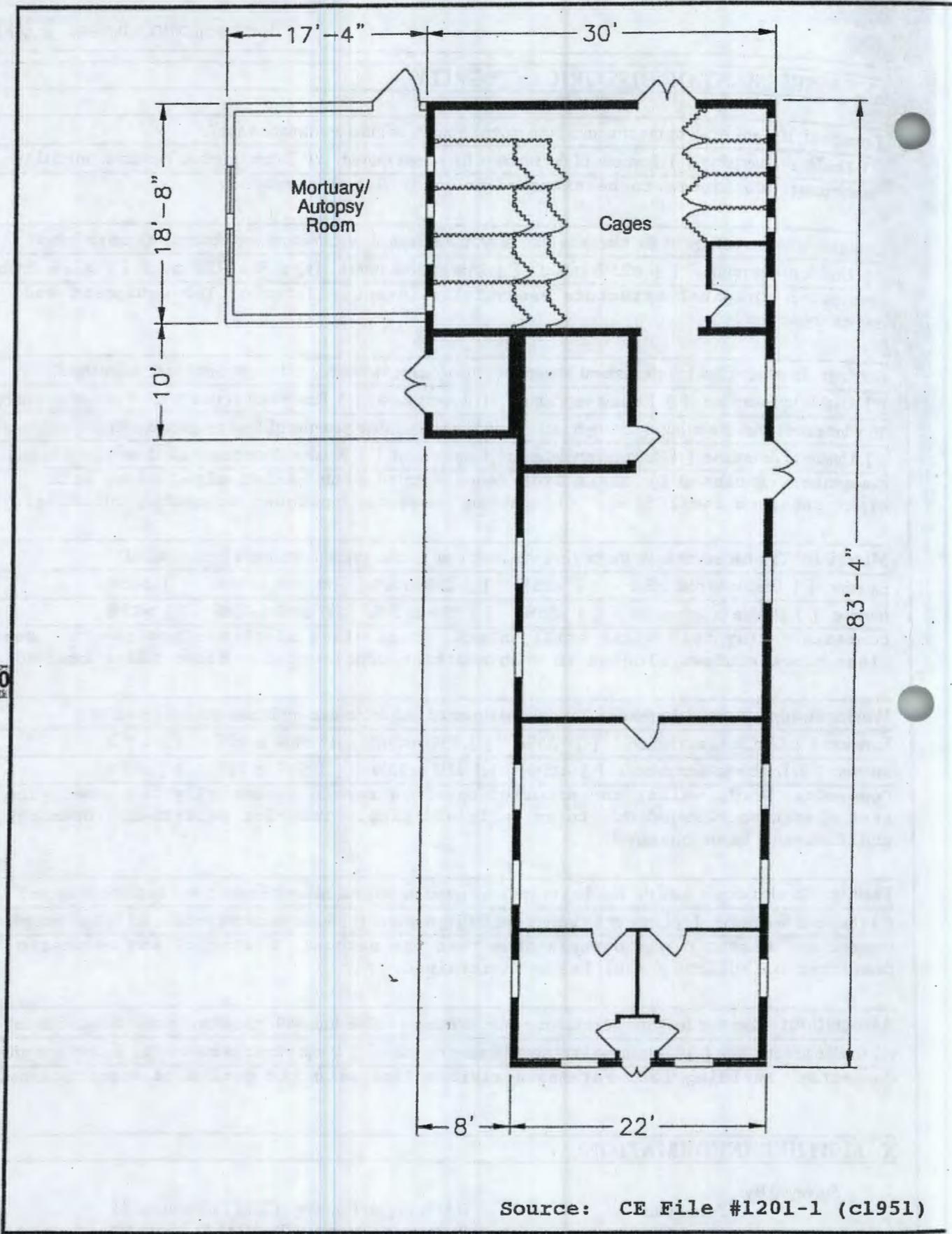
IX. ASSESSMENT OF HISTORIC INTEGRITY:**Location:** Has any or all of the structure been moved from its original construction site? Unable to determine Portions of the structure have been moved Entire structure located at original site.**Comments:** Continues to be situated in an isolated compound.**Design:** What percentage of the elements (structural, technological, architectural and decorative) remain intact? Unable to determine <25% intact 25% to 50% intact 50% to 75% intact >75% intact**Comments:** Original structure essentially intact. Interior lab equipment and cages removed.**Setting:** To what extent has the natural setting (i.e., topography, viewshed, and vegetation) been maintained? Unable to determine Retains very little Retains most Retains all or nearly all of its natural setting

To what extent does the cultural setting remain, including surrounding patterns of land use, and associated buildings?

 Unable to determine Retains very little Retains most Retains all or nearly all of its cultural setting**Comments:** Enclosed by chain link fence topped with barbed wire, along with other research facilities. Chimpanzee research continues in nearby buildings.**Materials:** To what extent have the original materials used to construct this structure been retained?Exterior: Unable to determine <25% 25% to 50% 50% to 75% >75%Interior: Unable to determine <25% 25% to 50% 50% to 75% >75%**Comments:** Clay tile walls still intact. Some glass block windows remain. Some glass block windows blocked in when addition constructed. Floor tiles removed.**Workmanship:** To what degree does the original structural and decorative craftsmanship remain visible?Exterior: Unable to determine <25% 25% to 50% 50% to 75% >75%Interior: Unable to determine <25% 25% to 50% 50% to 75% >75%**Comments:** Roof, walls, and exterior openings remain essentially the same. The east elevation changed due to an early addition. Interior partitions, openings, and finishes have changed.**Feeling:** To what extent does the building or structure retain its original natural, historic, and aesthetic character? Unable to determine Little or no integrity of feeling remains Some elements remain Retains integrity**Comments:** Historic photographs show that the natural, historic, and aesthetic character of Building 1201 has been retained.**Association:** Does this building or structure appear to retain a visible link with its historic period of significance? Unable to determine Little or no integrity of feeling remains Some elements remain Retains integrity**Comments:** Building 1201 retains a visible link with its period of significance.**X. FURTHER INFORMATION:**

Surveyed By:

Jean Fulton
Sonya Cooper
2500 Jordan Road
Las Cruces, NM 88001HAFB Report Number: CRM Publication #3
Photograph Citation: CD-ROM #1-Photo #91
Negatives On File: 49 CES/CEV, 550 Tabosa Ave, HAFB
Date of Field Visit: SPRING 1995



State of New Mexico Office of Cultural Affairs Historic Preservation Division	BUILDING 1201 Holloman Air Force Base Alamogordo, New Mexico	Project No. 35-95-HAFB-4	AutoCAD rendering by: Steve Merrill New Mexico State University Sheet 1 of 1
---	---	-----------------------------	--

INACTIVE SEPTIC SYSTEMS

BUILDING 1219

This building is the Administrative Offices for the Munitions Maintenance Squadron. It was constructed in 1985 and covers 4476 SF.

There are Men's and Women's Bathrooms that discharged into two (2) septic tanks prior to the installation of a sewer main that discharges to the Base Waste Water Treatment Plant.

INACTIVE SEPTIC SYSTEMS

Building 1221

This building is in the Ammo Depot and was originally constructed for ammunition storage. It was later switched to store inert munitions.

The building was constructed in 1983 and covers 2857 SF.

The facilities in the building consist of:

- Toilet
- Urinal
- Lavatory
- Janitorial Sink

INACTIVE SEPTIC SYSTEMS

BUILDING 1226

This is a munitions maintenance shop building constructed in 1985. It has 2945 SF of floor space.

Facilities installed include:

- Toilet
- Lavatory

INACTIVE SEPTIC SYSTEMS

BUILDING 1235

This building was constructed in 1964 and contains 3000 SF of floor space.
It is in munitions maintenance service.

The facilities consist of:

- Toilet
- Lavatory

INACTIVE SEPTIC SYSTEMS

BUILDING 1239

This is another building in the Ammo Depot. It was constructed in 1971 and contains 1920 SF.

It is in munitions maintenance service.

The facilities consist of:

- Toilet
- Urinal
- Lavatory

INACTIVE SEPTIC SYSTEMS

BUILDING 1250

This building was constructed in 1957 and contains 2890 SF.

It was originally a water pumping station. In 1985 it was changed into a storage facility.

As part of the change in service the bathroom facilities were removed.

The original facilities consisted of:

- Toilet
- Lavatory
- Floor drains for the water pumps

INACTIVE SEPTIC SYSTEMS

BUILDING 1251

This building was constructed in 1965 and contains 1300 SF.
In the records it is listed as a Research and Testing Shop.
It contains the following facilities:

- Toilet
- Lavatory

INACTIVE SEPTIC SYSTEMS

BUILDING 1269

This building was constructed in 1966 and contains 3262 SF.

The original service was a Medical Science Laboratory. It has been relegated to a storage facility.

The facilities consisted of:

- Toilet
- Lavatory
- Kitchen Sink with Garbage Disposal

REMOVED SEPTIC SYSTEMS

No	Bldg Number	Year Completed	Dimensions	Capacity
1	1102	1952	6'x4'x8'10"	2500
2	1103	1948	7'x9'x3'2"	1412
3	1108	1958	6'x9'6"x6'3"	750
4	1119			
5	1150	1953	4'x9'x6'3"	2500
6	1154			
7	1166	1960		450
8	1175	1949	5'1"x10'4"x6'10"	2970
9	1176	1959		640
10	1265	1992		1200
11	1173			

COLD WAR SURVEY: HOLLOMAN AIR FORCE BASE

NAME:

Current: Missile Radar Station.

Historic: Radar Triangulation: King I.

Reference: HAFB Map Sheet 4 of 12 (H-23.5).

Building Number:**1102****I. GENERAL INFORMATION:**Current Condition: Intact Needs maintenance Deteriorated Archaeological

Comments: In need of routine maintenance.

Degree of Alteration: None Minor Moderate Major

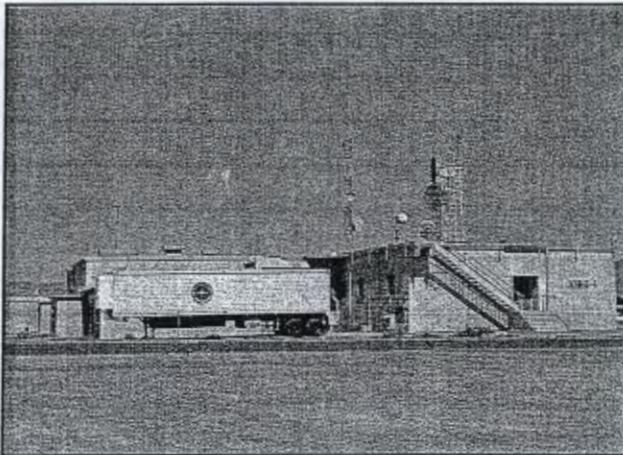
Comments: Essential structural and architectural features remain intact.

Preliminary Determination of National or State Register Eligibility:

 Exceptional importance Potentially eligible Further research recommended Ineligible

Comments: Recommend listing as part of a Cold War Multiple Property.

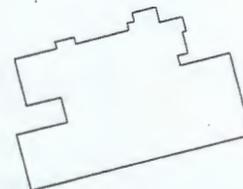
Contact: Martyn Tagg, Archaeologist, 49 CES/CEV, 550 Tabosa Avenue, HAFB, NM 88330-8458.



BUILDING FOOTPRINT:

117' x 178'

Photo



Date of completion: 1952

II. ARCHITECTURAL DESCRIPTION:

(Give a visual description of the building. Include date of construction, whether actual or an estimate, and a discussion of any structural modifications to the building. List architect and builder, if known. Cite sources of information.)

Building 1102 is a one-story concrete masonry unit, multi-shaped building with a central corridor running east-west the entire length and single rooms flanking both sides of the corridor. Original footprint shows primarily rectangular shape with a central projecting core. This core is a large open room with an upper balcony around its perimeter. Construction of the original building was completed in 1952, according to "As-built" drawings in CE File #1102-1. Surveillance display room added in 1969 (CE File #1102-1). It is unclear when north elevation additions constructed, although information in Real Property Accountable Record/1102 date the additions as being post-1970. The architect for this project was W. C. Kruger (Santa Fe, NM). The builder is unknown.

III. HISTORIC AND CURRENT USE:

Source: Real Property Accountable Record/1102.

Current Function: Telemetry and Optics. Altitude measurements.

Original Function: Missile Instrumentation Station; Mission Control.

Interim Functions: Missile Radar Station.

IV. ORIGINAL ARCHITECTURAL AND STRUCTURAL FEATURES (IF KNOWN):

Source: CE File #1102-1 (c1952).

Foundation: Concrete footing and foundation wall. Column spread footing.

Exterior walls: Concrete masonry units (CMU).

Roof: Bituminous concrete over built-up roof, lightweight concrete, supported by one-way concrete slab using concrete beams and steel beams encased in concrete.

Notable interior features, including machinery: None noted.

V. CURRENT FEATURES IF DIFFERENT FROM ORIGINAL:

Source: Field visit Spring 1996.

Foundation:

Exterior walls:

Roof:

Notable interior features, including machinery: None noted.

VI. BRIEF STATEMENT OF HISTORIC SIGNIFICANCE:

Eligible under Criteria A and/or C at a national level of significance for important role in early Cold War-era missile and High Speed Test Track mission control and tracking. Further research recommended.

VII. ASSOCIATED BUILDINGS:

Building 1102 supported all missions at White Sands Missile Range and at Holloman Air Force Base until Building 300 and possibly 1527 at White Sands were constructed.

VIII. ADDITIONAL COMMENTS AND MAINTENANCE RECOMMENDATIONS:

Building 1102 continues to operate as a mission control building, with mostly optics and telemetry functions. The Flight and Instrument Control Room, and the Surveillance Radar rooms are vacant. Originally, missiles were fired using an analog boards (mechanical) system. When operations changed to a digital system in c1978, support moved from the central instrument control room to the north addition off of this room. Nearly all of the original interior finishes remain unchanged.

Suggested routine maintenance: Scrape, prime, and paint all block and concrete surfaces. Remove vegetation and rusted pipes by gas meter. Fill depressions at foundation, and regrade using gravel to promote positive drainage. Fill holes at concrete stoops. Replace wood bumper at dock using similar-sized lumber. Secure panel covers on abandoned electrical panels. Enclose live connections in junction boxes. Scrape, prime, and paint metal stairs. Reattach stair nose treads. Remove miscellaneous debris from building perimeter.

IX. ASSESSMENT OF HISTORIC INTEGRITY:

Location: Has any or all of the structure been moved from its original construction site?

Unable to determine Portions of the structure have been moved Entire structure located at original site.

Comments: Still situated at the northeast corner of the intersection of Tula Peak Road, and Douglas Road.

Design: What percentage of the elements (structural, technological, architectural and decorative) remain intact?

Unable to determine <25% intact 25% to 50% intact 50% to 75% intact >75% intact

Comments: The original floor plan remains intact.

Setting: To what extent has the natural setting (i.e., topography, viewshed, and vegetation) been maintained?

Unable to determine Retains very little Retains most Retains all or nearly all of its natural setting

To what extent does the cultural setting remain, including surrounding patterns of land use, and associated buildings?

Unable to determine Retains very little Retains most Retains all or nearly all of its cultural setting

Comments: Continues to be situated at the intersection of two roads in an isolated setting with few nearby buildings.

Materials: To what extent have the original materials used to construct this structure been retained?

Exterior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Interior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Comments: Most all original materials have been retained at both the exterior and the interior.

Workmanship: To what degree does the original structural and decorative craftsmanship remain visible?

Exterior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Interior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Comments: All original exterior and interior room finishes remain visible. At the south elevation, one window is blocked, one window has been replaced with a door, and the door at the loading dock has been replaced. Most of the north elevation is obscured by the addition of an operations room.

Feeling: To what extent does the building or structure retain its original natural, historic, and aesthetic character?

Unable to determine Little or no integrity of feeling remains Some elements remain Retains integrity

Comments: Building 1102 continues to support limited mission control operations.

Association: Does this building or structure appear to retain a visible link with its historic period of significance?

Unable to determine Little or no integrity remains Some elements remain Retains integrity

Comments: Building 1102 retains an evident link with its aesthetic and functional historic character.

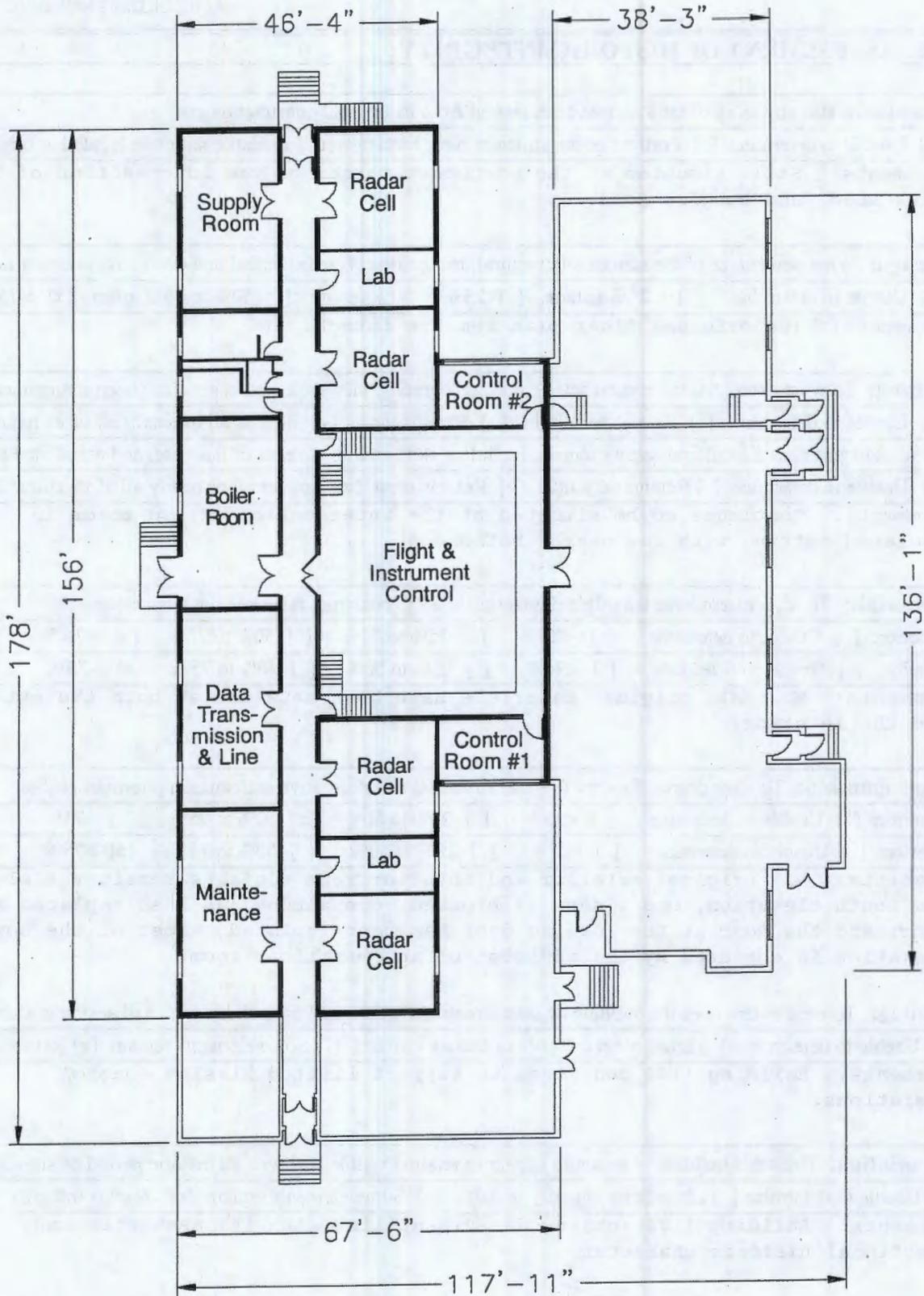
X. FURTHER INFORMATION:

Surveyed By:

Sonya Cooper
Jean Fulton
2500 Jordan Road
Las Cruces, NM 88001

HAFB Report Number: CRM Publication #3
Photograph Citation: CD-ROM #2-Photo #49
Negatives On File: 49 CES/CEV, 550 Tabosa Ave, HAFB
Date of Field Visit: SPRING 1996

382



Source: CE File #1102-1 (c1952)

State of New Mexico Office of Cultural Affairs Historic Preservation Division	BUILDING 1102 Holloman Air Force Base Alamogordo, New Mexico	Project No. 35-95-HAFB-4	AutoCAD rendering by: <i>Eugene N. Kilmer</i> (505) 323-6401 <i>Mag Drafting</i> Sheet 1 of 1
---	---	-----------------------------	--

REMOVED SEPTIC SYSTEMS

BUILDING 1103

Specifications and History: See "Cold War Survey"

Facilities: This building contains the following facilities.

- Toilets-2
- Urinals-2
- Lavatories-3
- Service Sinks-3

COLD WAR SURVEY: HOLLOMAN AIR FORCE BASE

NAME:
Current: Timing.
Historic: Telemetering Building.
Reference: HAFB Map Sheet 4 of 12 (H-23.5).

Building Number:

1103

I. GENERAL INFORMATION:

Current Condition: Intact Needs maintenance Deteriorated Archaeological

Comments: In need of routine maintenance only.

Degree of Alteration: None Minor Moderate Major

Comments: Few alterations since early improvements.

Preliminary Determination of National or State Register Eligibility:

Exceptional importance Potentially eligible Further research recommended Ineligible

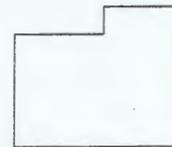
Comments: Research recommended to determine historic use. See Section VIII.

Contact: Martyn Tagg, Archaeologist, 49 CES/CEV, 550 Tabosa Avenue, HAFB, NM 88330-8458.



BUILDING FOOTPRINT:
36' x 42'

Photo
↓



Date of completion: 1949

II. ARCHITECTURAL DESCRIPTION:

(Give a visual description of the building. Include date of construction, whether actual or an estimate, and a discussion of any structural modifications to the building. List architect and builder, if known. Cite sources of information.)

Building 1103 is a one-story rectangular building with concrete masonry unit walls, and a flat roof. The original building was completed in 1949, according to "As-built" drawings located in CE File #1103-1. This original construction is centrally located, flanked to the east and west by subsequent additions. Real Property Accountable Record/1103 documents the addition of 2,930 square feet to the original building with the notation "Subsequent Improvements thru May 57." One or both additions to the original building may therefore be considered to be subsequent improvements, rather than additions that compromise historic integrity. Neither the architect nor the builder is known.

III. HISTORIC AND CURRENT USE: (Personal communication with Building 1103 personnel)

Current Function: (East end) Leased by WSMR to transmit mission timings.

Current Function: (West end) Unknown.

Original Function: Telemetering station for data collection of Range missions.

Interim Functions: Real Property Accountable Record/1103: "Communications CTR" (c1962); "Telecom Cen" (c1971); "Comm Fclty" (c1980); "Elec Rsch Rdr" (c1988).

IV. ORIGINAL ARCHITECTURAL AND STRUCTURAL FEATURES (IF KNOWN):

Source: CE File #1103-2 (1967); CE File #1103-1 (1949).

Foundation: Concrete wall footing.

Exterior walls: Painted concrete masonry units (CMU).

Roof: Built-up roof on wood sheathing and 2 x 8 wood joists.

Notable interior features, including machinery: None noted.

V. CURRENT FEATURES IF DIFFERENT FROM ORIGINAL:

Source: Field visit Spring 1996.

Foundation:

Exterior walls:

Roof:

Notable interior features, including machinery: None noted.

VI. BRIEF STATEMENT OF HISTORIC SIGNIFICANCE:

Although perhaps not meeting the "exceptional importance" stipulation imposed on buildings constructed within the last fifty years, Building 1103 may be eligible for the National Register under Criterion A at a regional or national level in the year 1999. If further research determines that Building 1103 is not eligible as an individual property, consideration should be given to its eligibility as a contributing feature in a Cold War Multiple Property submission for its support of early Cold War-era test launches.

VII. ASSOCIATED BUILDINGS:

Building 1103 was associated during its historic period of significance with Building 1102, mobile data collection vans, and Building 300 at White Sands Missile Range.

VIII. ADDITIONAL COMMENTS AND MAINTENANCE RECOMMENDATIONS:

Building 1103 appears very different today from depictions on "As-built" drawings dated 1949. It is unclear whether additions to the east and west ends of the original building represent early improvements to the original building, or whether these additions represent later construction that has compromised the historic integrity of the original building. Information obtained from Real Property Record/1103 and field visits seems to indicate that the additions represent early improvements to the original building. If so, Building 1103 retains historic integrity. Further research is needed to verify the construction sequence, and to verify what early Cold War-era research activities were supported by Building 1103. Currently, Building 1103 is leased by the White Sands Missile Range. Aside from minor partitioning at the telemetering room, the original floor plan of the original building shows no alterations. Wood posts (6 x 6) that appear on original drawings to support the roof girders have been removed.

Suggested routine maintenance: Repair, or replace in kind, the exterior wood architectural features, including the soffit, fascia, wood doors, and louvers. Patch spalling concrete at foundation. Remove vegetation at roof.

IX. ASSESSMENT OF HISTORIC INTEGRITY:**Location:** Has any or all of the structure been moved from its original construction site? Unable to determine Portions of the structure have been moved Entire structure located at original site.

Comments:

Design: What percentage of the elements (structural, technological, architectural and decorative) remain intact? Unable to determine <25% intact 25% to 50% intact 50% to 75% intact >75% intact

Comments: Original telemetering room is now used as spare equipment storage.

Setting: To what extent has the natural setting (i.e., topography, viewshed, and vegetation) been maintained? Unable to determine Retains very little Retains most Retains all or nearly all of its natural setting

To what extent does the cultural setting remain, including surrounding patterns of land use, and associated buildings?

 Unable to determine Retains very little Retains most Retains all or nearly all of its cultural setting

Comments: Earlier location plans indicate three utility buildings situated in a row next to Building 1103 to the east. These buildings have been removed. Continues to be set in a somewhat isolated setting, in the vicinity of King-I.

Materials: To what extent have the original materials used to construct this structure been retained?Exterior: Unable to determine <25% 25% to 50% 50% to 75% >75%Interior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Comments: Unable to access some rooms. Those rooms that were accessed, however, appear to have most of the original materials intact. A brick chimney and a metal stack have been removed.

Workmanship: To what degree does the original structural and decorative craftsmanship remain visible?Exterior: Unable to determine <25% 25% to 50% 50% to 75% >75%Interior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Comments: Original windows at north elevation have been covered up at the interior. The telemetering room has been partitioned (reversible).

Feeling: To what extent does the building or structure retain its original natural, historic, and aesthetic character? Unable to determine Little or no integrity of feeling remains Some elements remain Retains integrity

Comments: Building 1103 personnel are actively engaged in serving as a timing link for White Sands Missile Range tests.

Association: Does this building or structure appear to retain a visible link with its historic period of significance? Unable to determine Little or no integrity remains Some elements remain Retains integrity

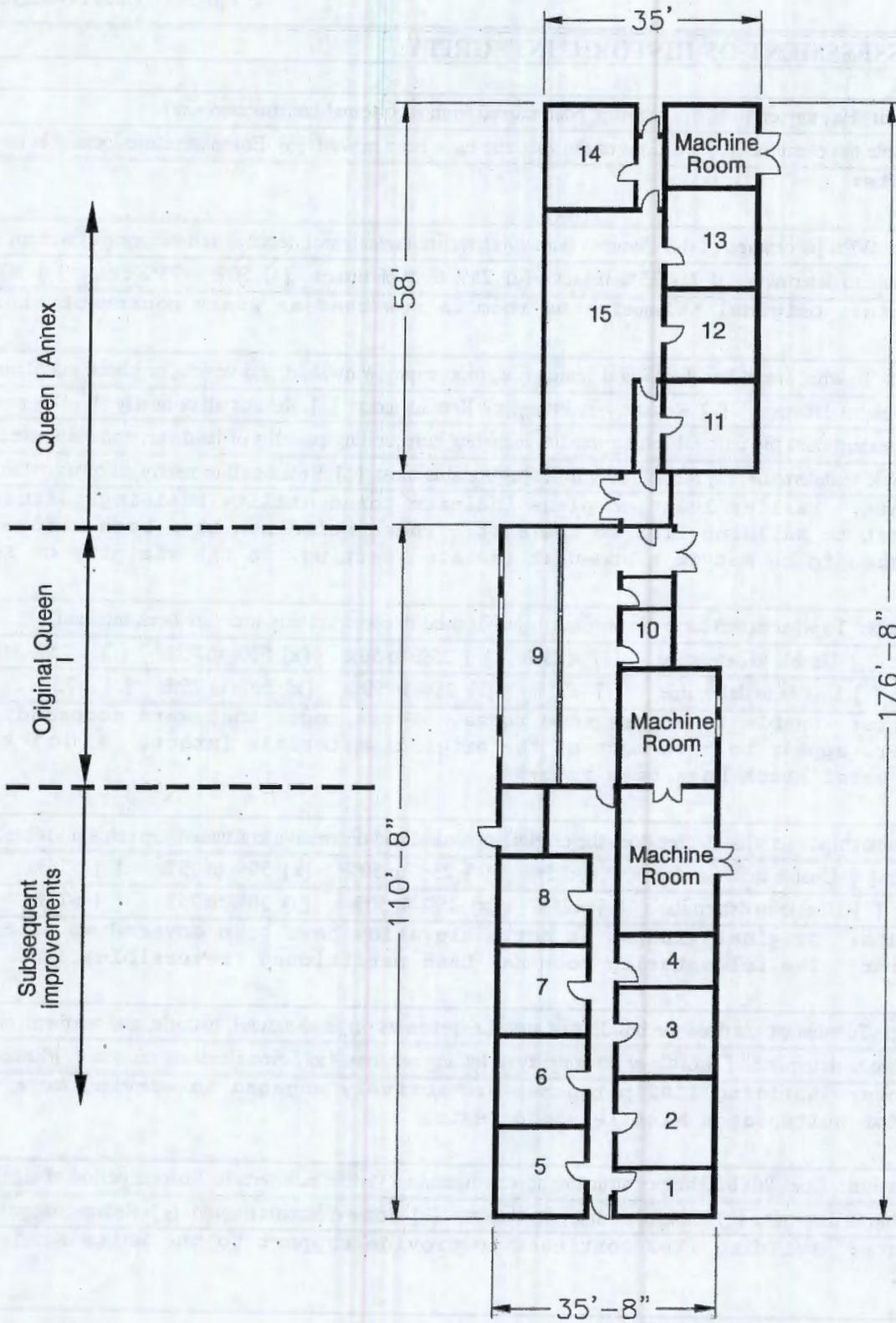
Comments: Building 1103 continues to provide support to the White Sands Missile Range.

X. FURTHER INFORMATION:

Surveyed By:

Sonya Cooper
Jean Fulton
2500 Jordan Road
Las Cruces, NM 88001HAFB Report Number: CRM Publication #3
Photograph Citation: CD-ROM #2-Photo #47
Negatives On File: 49 CES/CEV, 550 Tabosa Ave, HAFB
Date of Field Visit: SPRING 1996

386



Source: Dynalectron Facilities Handbook, c1964.

REMOVED SEPTIC SYSTEMS

BUILDING 1108

This building was constructed in 1958 and contains 2626 SF of floor space.

The building was originally built to serve as the telephone exchange. In 1980 it was retitled as a communications facility.

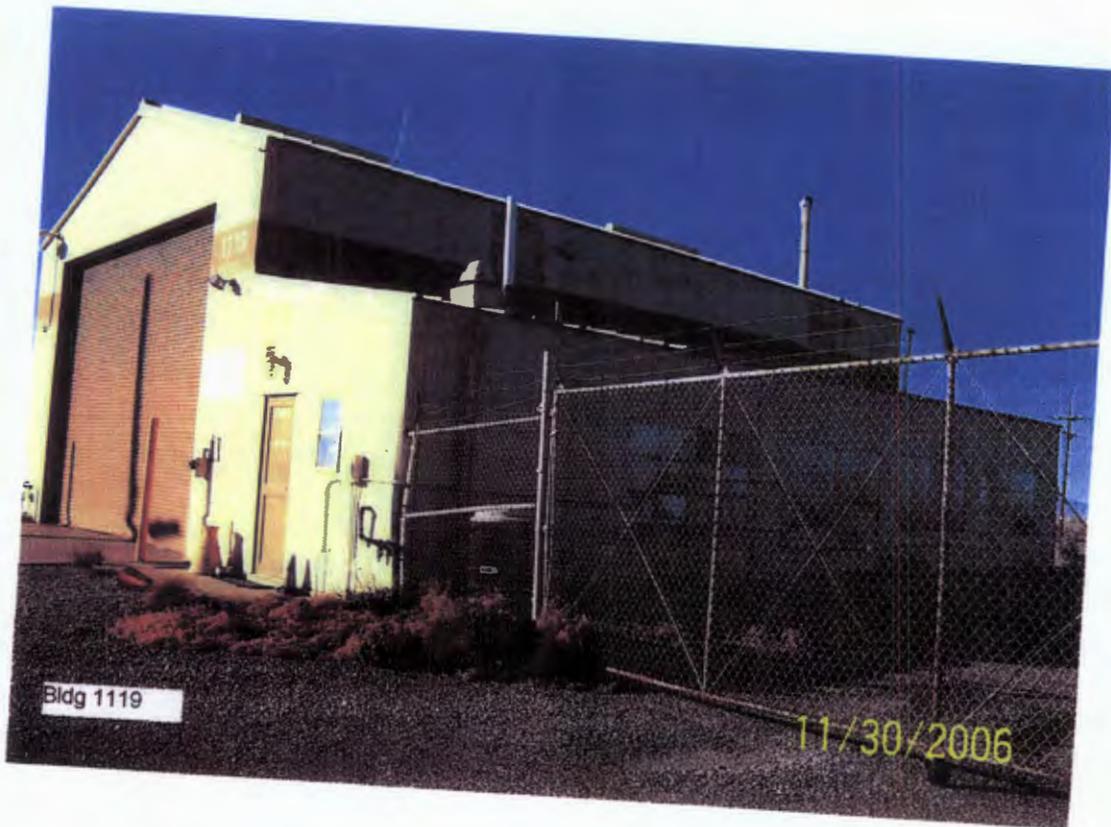
The building contains the following facilities:

- Toilet
- Lavatory
- Janitorial Sink

REMOVED SEPTIC SYSTEMS

BUILDING 1119

This is an Army owned building that contains 2224 SF of floor space. Use and maintenance of the building was transferred to the Air Force in 2005. Prior to the Air Force taking possession the Army had delegated the building to the GSA for use as a vehicle maintenance shop. Once the Air Force took over, the building changed service to an electrical shop and storage facility.



REMOVED SEPTIC SYSTEMS

BUILDING 1150

This is also an Army owned building and therefore details are lacking from Holloman's records. The building has 2844 SF.

The original service is unknown, but since the Air Force started using the building it has been used as storage space.

It contains the following facilities:

- Toilet
- Urinal
- Lavatory
- Janitorial Sink



814g
1150



REMOVED SEPTIC SYSTEMS

BUILDING 1154

This is an Army owned building and there is no information in Holloman's files pertaining to this building.

REMOVED SEPTIC SYSTEMS

BUILDING 1166

This building was constructed in 1960 and contains 4955 SF. The structure is a Test Track Shop/Storage Building known as the "Break Setter Building".

The facilities include:

- Toilets-2
- Urinal
- Lavatory
- Shower



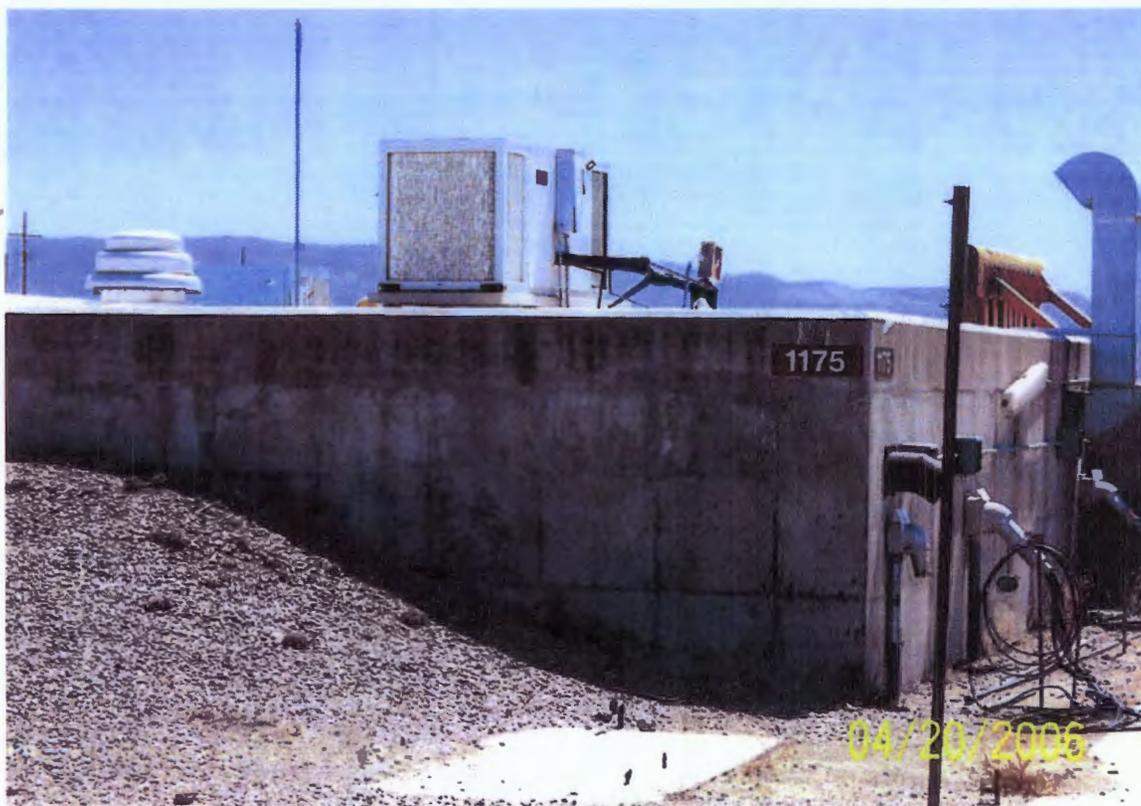
REMOVED SEPTIC SYSTEMS

BUILDING 1175

Specifications and History: See "Cold War Survey"

Facilities:

- Toilet
- Urinal
- Lavatory
- Janitorial Sink



COLD WAR SURVEY: HOLLOMAN AIR FORCE BASE

NAME:

Current: Blockhouse--"Alpha".

Historic: Blockhouse--"Alpha".

Street Address: 1656 Test Track Rd., HAFB, 88330-7848.

Building Number:**1175****I. GENERAL INFORMATION:**Current Condition: Intact Needs maintenance Deteriorated Archaeological

Comments: Building 1175 is in need of minor routine maintenance.

Degree of Alteration: None Minor Moderate Major

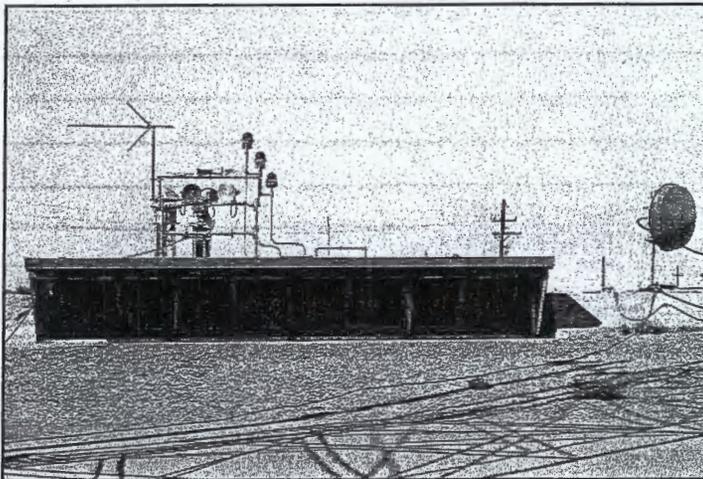
Comments: Modernization at interior to enable continued Test Track use.

Preliminary Determination of National or State Register Eligibility:

 Exceptional importance Potentially eligible Further research recommended Ineligible

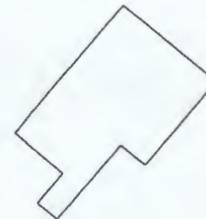
Comments: Eligible for the National Register under Criteria A and/or C.

Contact: Martyn Tagg, Archaeologist, 49 CES/CEV, 550 Tabosa Avenue, HAFB, NM 88330-8458.



BUILDING FOOTPRINT:

40' x 66'

Photo
↙

Date of completion: c1949

II. ARCHITECTURAL DESCRIPTION:

(Give a visual description of the building. Include date of construction, whether actual or an estimate, and a discussion of any structural modifications to the building. List architect and builder, if known. Cite sources of information.)

Building 1175 is an irregularly shaped, one-story concrete structure, built mostly below grade. The building is accessed by a ramp leading down to double doors at the southwest elevation. These doors access the original launch control room constructed in c1949. This entrance, three entrances off of the ramp, and windows facing the track (northeast) are the only visible openings. A 15' x 32'-6" addition was constructed at the northwest elevation in 1960 (CE File #1175-2). Another addition, adjacent to northwest side of ramp was completed in 1981 (CE File #1175-3). The ramp extension was also constructed at this time. Neither the architect nor the builder is known.

III. HISTORIC AND CURRENT USE:

Source: Real Property Accountable Record/1175; CE File #1175-1 (c1949).

Current Function: Launch control facility, High Speed Test Track.

Original Function: Launch control facility, High Speed Test Track.

Interim Functions:

IV. ORIGINAL ARCHITECTURAL AND STRUCTURAL FEATURES (IF KNOWN):

Source: CE File #1175-1 (c1949); CE File #1175 (c1980).

Foundation: Concrete footings.

Exterior walls: Reinforced concrete.

Roof: 3-foot thick reinforced concrete.

Notable interior features, including machinery:

A long row of thick blast-proof windows faces the track to the northeast.

V. CURRENT FEATURES IF DIFFERENT FROM ORIGINAL:

Source: Field visit Spring 1996.

Foundation:

Exterior walls:

Roof:

Notable interior features, including machinery: None noted.

VI. BRIEF STATEMENT OF HISTORIC SIGNIFICANCE:

"Alpha" Block house Building 1175 is one of the original High Speed Test Track support facilities, constructed c1949 to provide launch control. Recommend that Building 1175 be nominated under Criteria A and C as part of a basewide early Cold War Multiple Property listing.

VII. ASSOCIATED BUILDINGS:

Building 1175 operated, and continues to operate, in support of the high speed test track launching activities, along with Buildings 1162, 1163, 1161, 1645, and the Horizontal Test Stand facility (Buildings 1159 and 1160).

VIII. ADDITIONAL COMMENTS AND MAINTENANCE RECOMMENDATIONS:

Building 1175 retains historic integrity. Due to its national level of significance under Criteria A and C, recommend that Building 1175 be listed along with the other test track support buildings as part of a Multiple Property nomination to the National Register of Historic Places.

Subsequent improvements to the original Building 1175 augmented the original design and function as a launch control facility for important research conducted at the high speed test track. The interior was renovated in 1984 (CE File #1175-4). Although this renovation obscures original interior finishes, Building 1175 as a whole retains historic integrity of location, design, setting, workmanship, materials, feeling, and association. Of interest to future researchers may be the dramatic changes in computer technology which have occurred since the construction of Alpha Blockhouse: Computers which at that time required several rooms to house, now occupy considerably less space. Launch control operations continue at Alpha Blockhouse, although rooms designed to hold early equipment are virtually empty.

Suggested routine maintenance: Repair bond beam where steel is exposed. Remove vegetation at exterior embankments. Remove debris at front walkway.

IX. ASSESSMENT OF HISTORIC INTEGRITY:**Location:** Has any or all of the structure been moved from its original construction site? Unable to determine Portions of the structure have been moved Entire structure located at original site.

Comments:

Design: What percentage of the elements (structural, technological, architectural and decorative) remain intact? Unable to determine <25% intact 25% to 50% intact 50% to 75% intact >75% intact

Comments: Subsequent improvements to the original floor plan added to Building 1175's design and function as a launch control facility.

Setting: To what extent has the natural setting (i.e., topography, viewshed, and vegetation) been maintained? Unable to determine Retains very little Retains most Retains all or nearly all of its natural setting

To what extent does the cultural setting remain, including surrounding patterns of land use, and associated buildings?

 Unable to determine Retains very little Retains most Retains all or nearly all of its cultural setting

Comments: Except for the construction of smaller buildings in the vicinity, the original setting of Building 1175 near the test track launch pad has been retained.

Materials: To what extent have the original materials used to construct this structure been retained?Exterior: Unable to determine <25% 25% to 50% 50% to 75% >75%Interior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Comments: The raised wood floor in the console room has been removed. The original light fixtures have been removed. One wood and glass partition has been removed. Sheetrock® walls, carpeting, wainscot, and linoleum have been added to the control room.

Workmanship: To what degree does the original structural and decorative craftsmanship remain visible?Exterior: Unable to determine <25% 25% to 50% 50% to 75% >75%Interior: Unable to determine <25% 25% to 50% 50% to 75% >75%

Comments: Original workmanship at the northeast elevation, and at the entrances at the ramp is still visible. Interior renovations hide the original architectural craftsmanship.

Feeling: To what extent does the building or structure retain its original natural, historic, and aesthetic character? Unable to determine Little or no integrity of feeling remains Some elements remain Retains integrity

Comments: Building 1175 continues to function as a launch control facility for the High Speed Test Track.

Association: Does this building or structure appear to retain a visible link with its historic period of significance? Unable to determine Little or no integrity remains Some elements remain Retains integrity

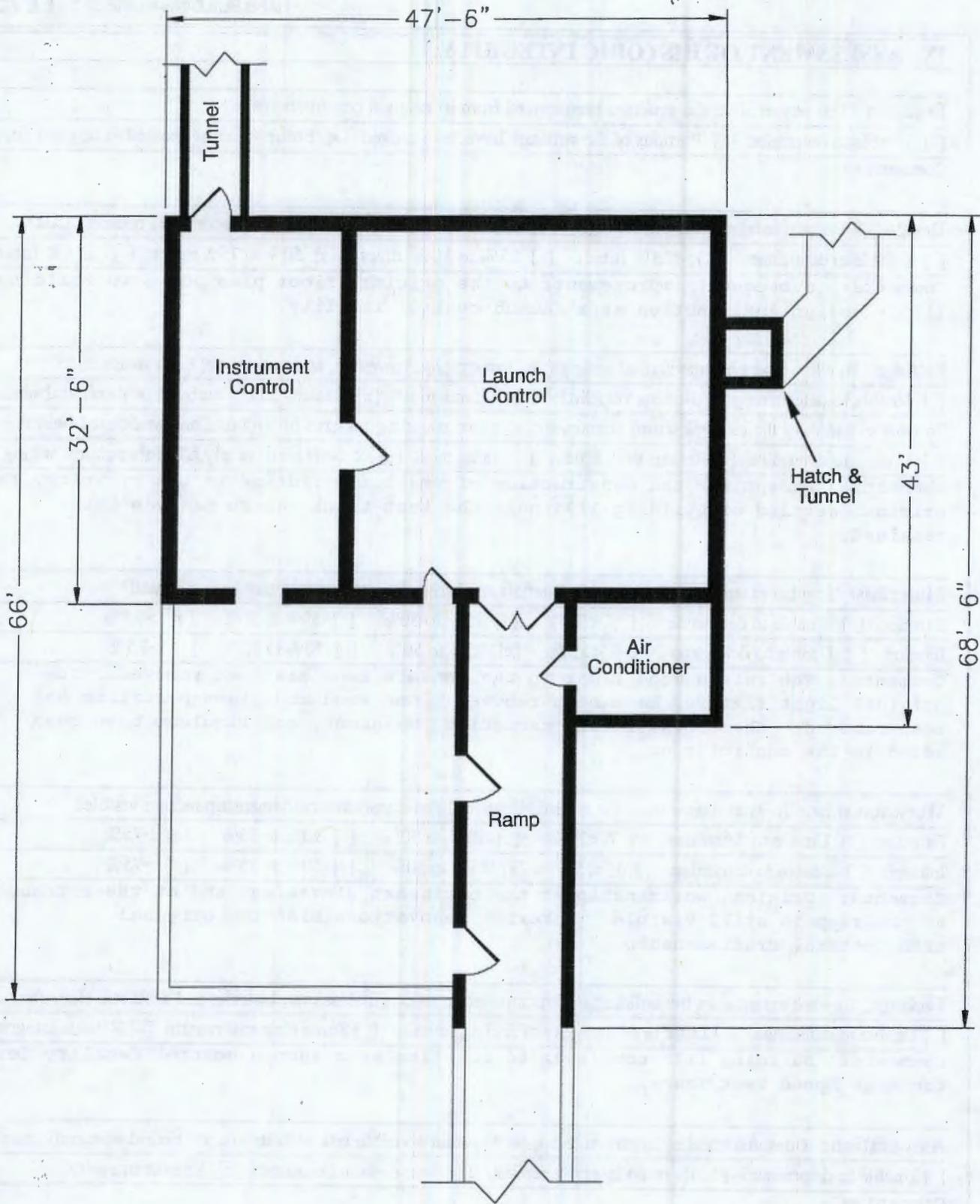
Comments:

X. FURTHER INFORMATION:

Surveyed By:

Jean Fulton
Sonya Cooper
2500 Jordan Road
Las Cruces, NM 88001HAFB Report Number: CRM Publication #3
Photograph Citation: CD-ROM #2-Photo #35
Negatives On File: 49 CES/CEV, 550 Tabosa Ave, HAFB
Date of Field Visit: SPRING 1996

368



Source: CE File #1175 (c1980)

State of New Mexico
 Office of Cultural Affairs
 Historic Preservation Division

BUILDING 1175
 Holloman Air Force Base
 Alamogordo, New Mexico

Project No.
 35-95-HAFB-4

AutoCAD rendering by:
 Eugene N. Kilmer
 (505) 323-0641
 Mag Drafting

Sheet 1 of 1

REMOVED SEPTIC SYSTEMS

BUILDING 1176

This building was constructed in 1959 and contains 3850 SF.

The building is located at the Test Track and is known as the Sled Launch Shop.

Facilities include:

- Toilet
- Lavatory
- Shower



REMOVED SEPTIC SYSTEMS

BUILDING 1173

This building was constructed in 1957 and contains 17,428 SF.
The building is the main office building at the Test Track.

It contains the following facilities:

- Toilets-8
- Urinals-4
- Lavatories-9
- Janitorial Sinks-2



REMOVED SEPTIC SYSTEMS

BUILDING 1265

This building was constructed in 1957 and covers 43,388 SF.

This is the Inertial Guidance Facility, previously known as the Guided Weapons Lab.

The building contains the following facilities:

- Toilets-12
- Urinals-6
- Lavatories-12
- Janitorial Sinks-5