

Original
 Update



HISTORICAL STRUCTURE FORM

FLORIDA MASTER SITE FILE

Version 4.0 1/07

Site #8 BR03046
Field Date 1-11-2013
Form Date 2-11-2013
Recorder # _____

Shaded Fields represent the minimum acceptable level of documentation.
Consult the *Guide to Historical Structure Forms* for detailed instructions.

Site Name(s) (address if none) Foam Building, J8-1564 Multiple Listing (DHR only) _____
Survey Project Name Documentation of Foam Building, KSC, Brevard Survey # (DHR only) _____
National Register Category (please check one) building structure district site object
Ownership: private-profit private-nonprofit private-individual private-nonspecific city county state federal Native American foreign unknown

LOCATION & MAPPING

Street Number J8-1564 Direction _____ Street Name Launch Complex 39, Pad A Street Type _____ Suffix Direction _____
Address _____
Cross Streets (nearest / between) _____
USGS 7.5 Map Name FALSE CAPE USGS Date 1976 Plat or Other Map _____
City / Town (within 3 miles) Titusville In City Limits? yes no unknown County Brevard
Township 22S Range 37E Section 03 1/4 section: NW SW SE NE Irregular-name: _____
Tax Parcel # n/a Landgrant _____
Subdivision Name _____ Block _____ Lot _____
UTM Coordinates: Zone 16 17 Easting 539169 Northing 3164834
Other Coordinates: X: _____ Y: _____ Coordinate System & Datum _____
Name of Public Tract (e.g., park) _____

HISTORY

Construction Year 1965 approximately year listed or earlier year listed or later
Original Use Other From (year): _____ To (year): _____
Current Use Abandoned/Vacant From (year): _____ To (year): _____
Other Use fire suppression From (year): _____ To (year): _____
Moves: yes no unknown Date: _____ Original address _____
Alterations: yes no unknown Date: _____ Nature _____
Additions: yes no unknown Date: _____ Nature _____
Architect (last name first): Giffels & Rossetti Builder (last name first): Blount Brothers-M.M. Sundt
Ownership History (especially original owner, dates, profession, etc.) NASA Kennedy Space Center (1965-present)

Is the Resource Affected by a Local Preservation Ordinance? yes no unknown Describe _____

DESCRIPTION

Style Masonry Vernacular Exterior Plan Rectangular Number of Stories 1
Exterior Fabric(s) 1. Concrete block 2. _____ 3. _____
Roof Type(s) 1. Shed 2. _____ 3. _____
Roof Material(s) 1. Other 2. Built-up 3. _____
Roof secondary strucs. (dormers etc.) 1. _____ 2. _____
Windows (types, materials, etc.) n/a

Distinguishing Architectural Features (exterior or interior ornaments) narrow metal awning over entrance

Ancillary Features / Outbuildings (record outbuildings, major landscape features; use continuation sheet if needed.) _____

DHR USE ONLY		OFFICIAL EVALUATION		DHR USE ONLY	
NR List Date _____	SHPO - Appears to meet criteria for NR listing: <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> insufficient info Keeper - Determined eligible: <input type="checkbox"/> yes <input type="checkbox"/> no NR Criteria for Evaluation: <input type="checkbox"/> a <input type="checkbox"/> b <input type="checkbox"/> c <input type="checkbox"/> d (see <i>National Register Bulletin 15</i> , p. 2)	Date _____	Init. _____		
<input type="checkbox"/> Owner Objection		Date _____			

DESCRIPTION (continued)

Chimney: No. ___ Chimney Material(s): 1. ___ 2. ___
Structural System(s): 1. Concrete block 2. ___ 3. ___
Foundation Type(s): 1. Slab 2. ___
Foundation Material(s): 1. Poured Concrete Footing 2. ___
Main Entrance (stylistic details) Pair of metal swing doors on the southeast elevation

Porch Descriptions (types, locations, roof types, etc.) n/a

Condition (overall resource condition): [] excellent [x] good [] fair [] deteriorated [] ruinous
Narrative Description of Resource see continuation sheet

Archaeological Remains [] Check if Archaeological Form Completed

RESEARCH METHODS (check all that apply)

- [x] FMSF record search (sites/surveys) [] FL State Archives/photo collection [] property appraiser / tax records [x] cultural resource survey (CRAS) [] other methods (describe)
[x] library research [] city directory [] newspaper files [x] historic photos
[] building permits [x] occupant/owner interview [] neighbor interview [x] interior inspection
[] Sanborn maps [] plat maps [] Public Lands Survey (DEP) [x] HABS/HAER record search

Bibliographic References (give FMSF manuscript # if relevant, use continuation sheet if needed)

OPINION OF RESOURCE SIGNIFICANCE

Appears to meet the criteria for National Register listing individually? [] yes [x] no [] insufficient information
Appears to meet the criteria for National Register listing as part of a district? [x] yes [] no [] insufficient information
Explanation of Evaluation (required, whether significant or not; use separate sheet if needed) see continuation sheet

Area(s) of Historical Significance (see National Register Bulletin 15, p. 8 for categories: e.g. "architecture", "ethnic heritage", "community planning & development", etc.)

- 1. Other 3. ___ 5. ___
2. ___ 4. ___ 6. ___

DOCUMENTATION

Accessible Documentation Not Filed with the Site File - including field notes, analysis notes, photos, plans and other important documents

- 1) Document type All materials at one location Maintaining organization Archaeological Consultants Inc
Document description ___ File or accession #'s P1281A
2) Document type ___ Maintaining organization ___
Document description ___ File or accession #'s ___

RECORDER INFORMATION

Recorder Name Trish Slovinac Affiliation Archaeological Consultants Inc
Recorder Contact Information 8110 Blaikie Court, St A, Sarasota, FL 34240/941-379-6206/ACIFloridaAcomcast.net
(address / phone / fax / e-mail)

Required Attachments

- 1 USGS 7.5' MAP WITH STRUCTURE LOCATION PINPOINTED IN RED
2 LARGE SCALE STREET, PLAT OR PARCEL MAP (available from most property appraiser web sites)
3 PHOTO OF MAIN FACADE, ARCHIVAL B&W PRINT OR DIGITAL IMAGE FILE
If submitting an image file, it must be included on disk or CD AND in hard copy format (plain paper is acceptable).
Digital image must be at least 1600 x 1200 pixels, 24-bit color, jpeg or tiff

CONTINUATION SHEET

Physical Description

The Foam Building (called the Foam Equipment Building from 1965-77 [Spence 2013]) is a one-story, Masonry Vernacular style building with approximate overall dimensions of 13.5 feet (ft) in length (northwest-southeast), 11.5 ft in width (northeast-southwest), and 10 ft in height (Giffels & Rossetti 1963). The entirety sits on a reinforced concrete slab foundation, supported by reinforced concrete piers and footers. The walls are comprised of concrete block; it has a shed roof composed of reinforced poured concrete and topped with built-up roofing material. The main entrance is on the southeast elevation and is comprised of one set of aluminum swing doors with an aluminum frame. The southwest wall features various electrical panels. A 12-inch by 12-inch air vent is situated in the center of the roof.

Internally, the Foam Building is comprised of one open space. Old pipes, electrical panels, and fire control panels are located on its northwest and northeast walls.

Explanation of Evaluation

The Foam Building is considered a contributing resource to the Launch Complex (LC) 39: Pad A Historic District (8BR1686) solely in the context of the Apollo Program; the facility, deactivated in 1977, did not support the Space Shuttle Program. The LC 39: Pad A Historic District is considered eligible for listing in the NRHP under Criteria A and C in the areas of Space Exploration and Engineering, respectively. Because it has achieved significance within the past 50 years, Criteria Consideration G applies.

The Foam Building was designed by Giffels & Rossetti, Inc., of Detroit, Michigan, as part of the comprehensive plans for LC 39: Pad A. It was constructed between November 12, 1964, and October 4, 1965, by the joint venture of Blount Brothers Construction Company of Montgomery, Alabama, and M. M. Sundt Construction Company of Tucson, Arizona; this group also built the rest of the LC 39: Pad A complex and 90 percent of the Crawlerway (NASA KSC 2013; Slovinac 2010). The Foam Building itself cost \$43,400 to build.

The Foam Building originally held liquid foam tanks, a foam pump, and an air compressor, all of which were for putting out Rocket Propellant (RP)-1 fires (RP-1 was a fuel used for the Saturn rockets; it was stored in tanks to the southeast of the Foam Building [see attached Photo 6]). Because RP-1 was not used for the Space Shuttle, in September 1977, the foam tanks and equipment were removed from the Foam Building, and the structure was essentially mothballed (Spence 2013).

Bibliography

Giffels and Rossetti, Inc., Detroit.

1963 "Complex 39, Volume II, Launch Pad 'A' Support Area." September. On file, KSC Engineering Documentation Center.

NASA, Kennedy Space Center

2013 Real property record, Building J8-1564. On file, KSC Real Property Office.

Slovinac, Patricia

2010 "Cape Canaveral Air Force Station, Launch Complex 39, Pad A (John F. Kennedy Space Center)," HAER No. FL-8-11-F. Historic American Engineering Record (HAER), National Park Service, U.S. Department of the Interior, August.



PHOTOGRAPHS

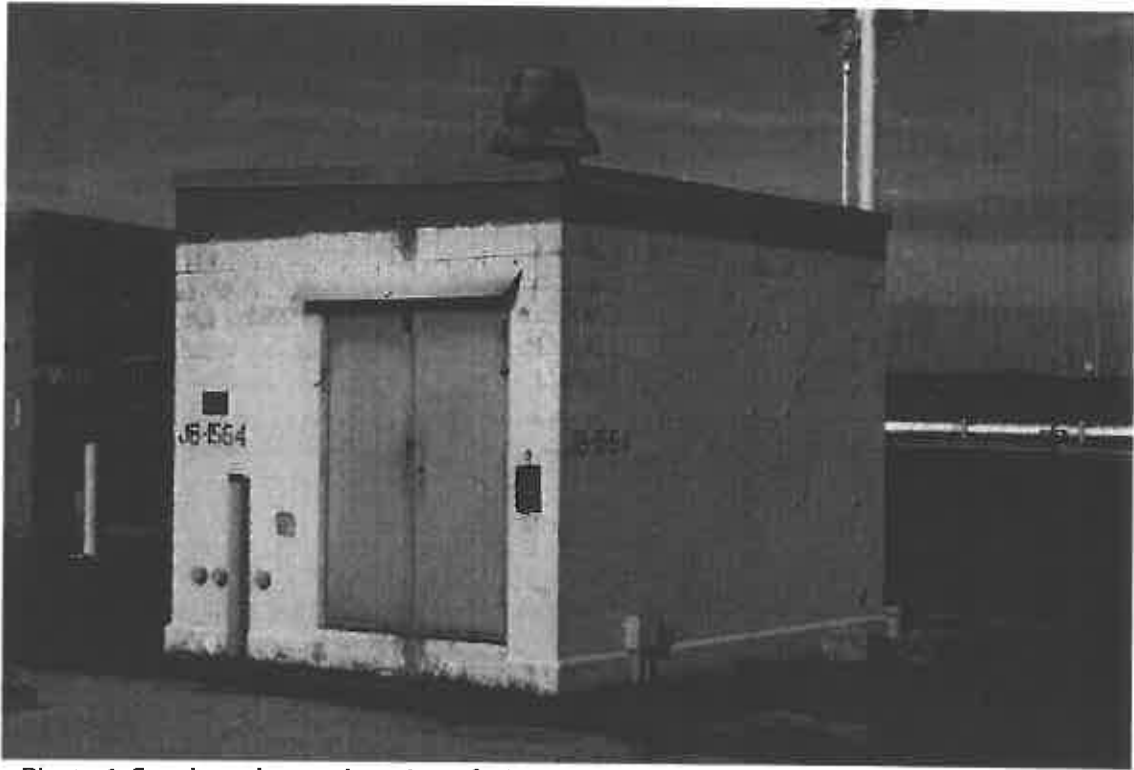


Photo 1. South and east elevations, facing northwest

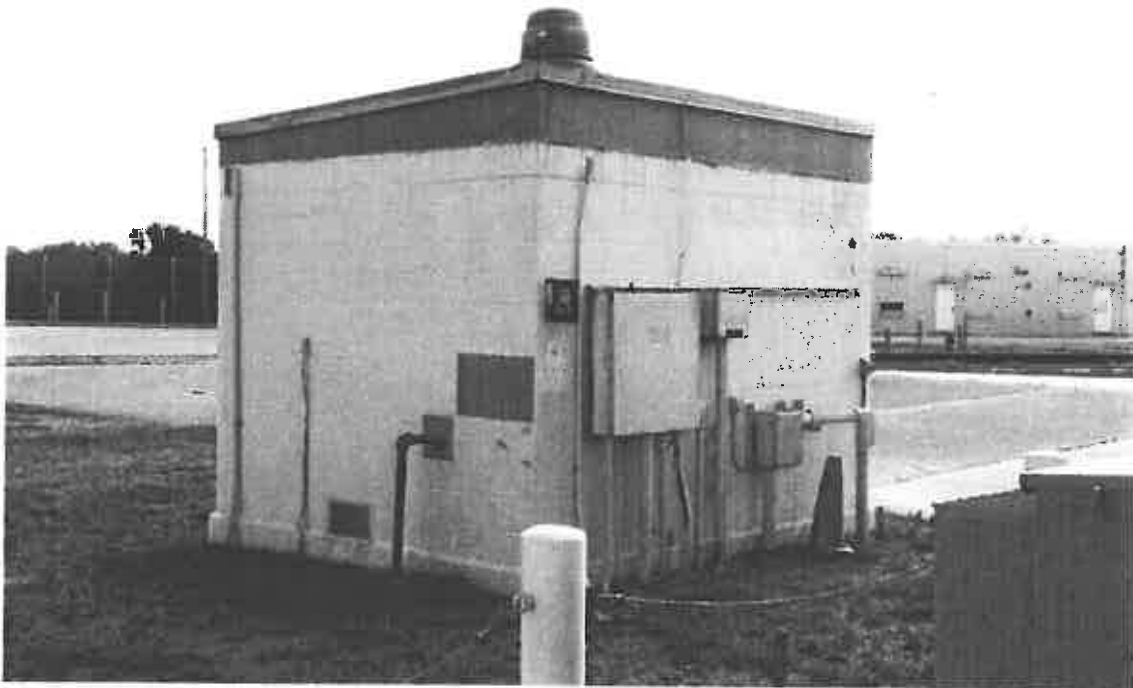


Photo 2. North and west elevations, facing southwest



PHOTOGRAPHS



Photo 3. View of interior, facing northwest



Photo 4. View of interior, facing southwest



PHOTOGRAPHS



Photo 5. Historic view of Foam Building (denoted by red arrow), facing southwest
Source: KSC Archives, Neg. # 100-KSC-64C-1509



Photo 6. Historic view of Foam Building (denoted by red arrow), facing north
Source: KSC Archives, Neg. # 100-KSC-65C-2307



PHOTOGRAPHS



Photo 7. View of RP-1 area of Launch Complex 39, Pad A.
Foam Building denoted by red arrow.



PHOTOGRAPHS

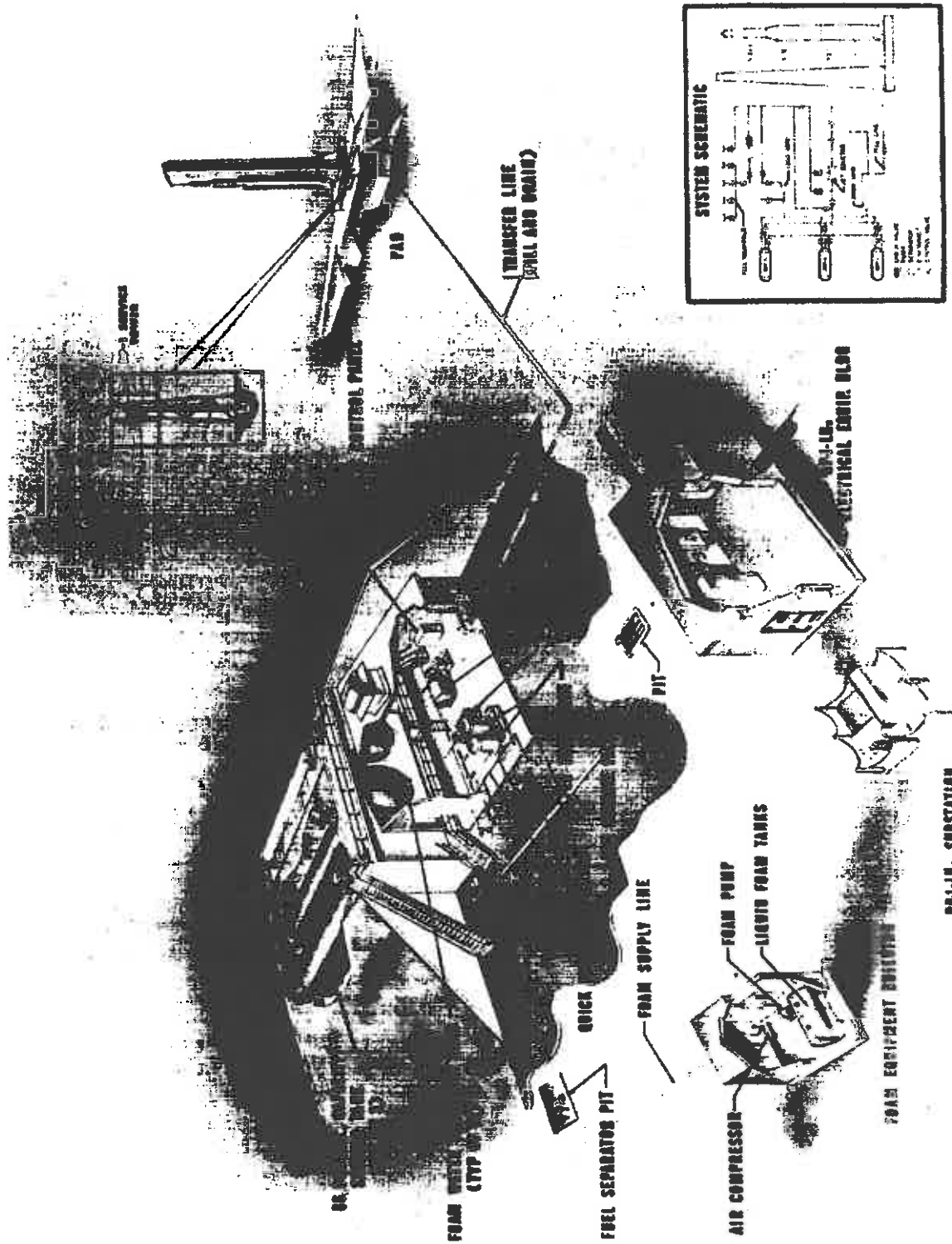
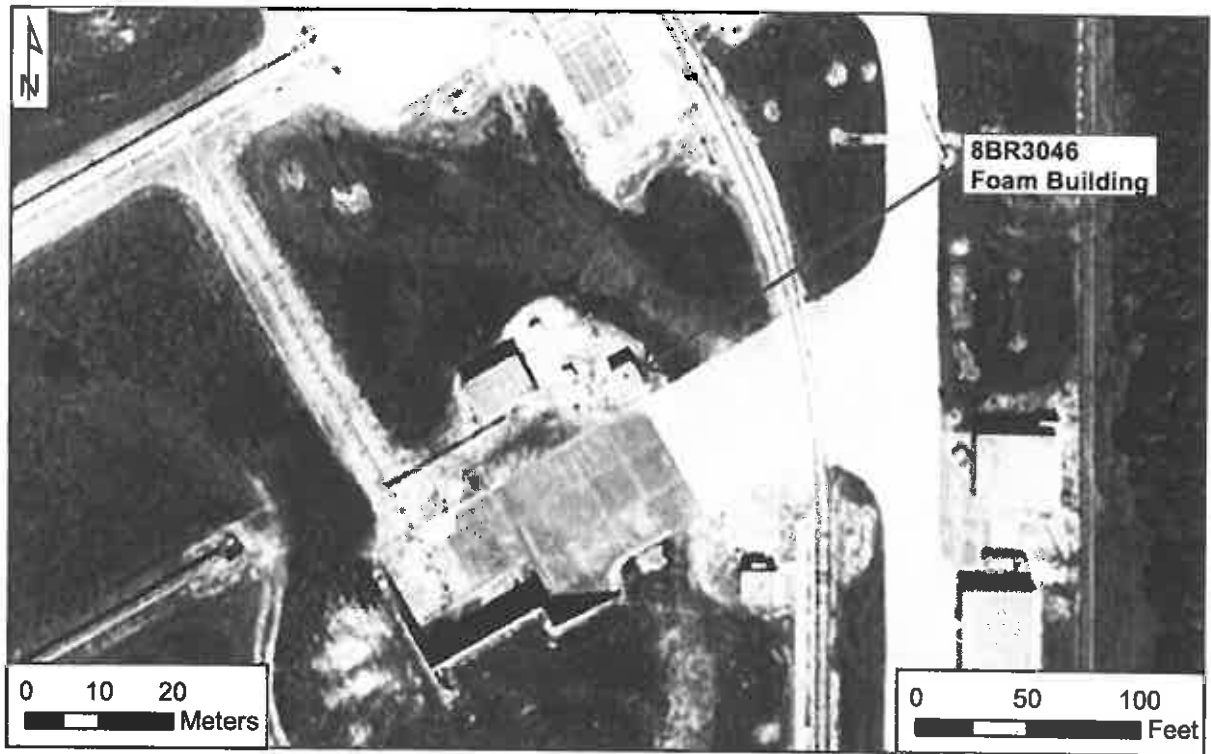
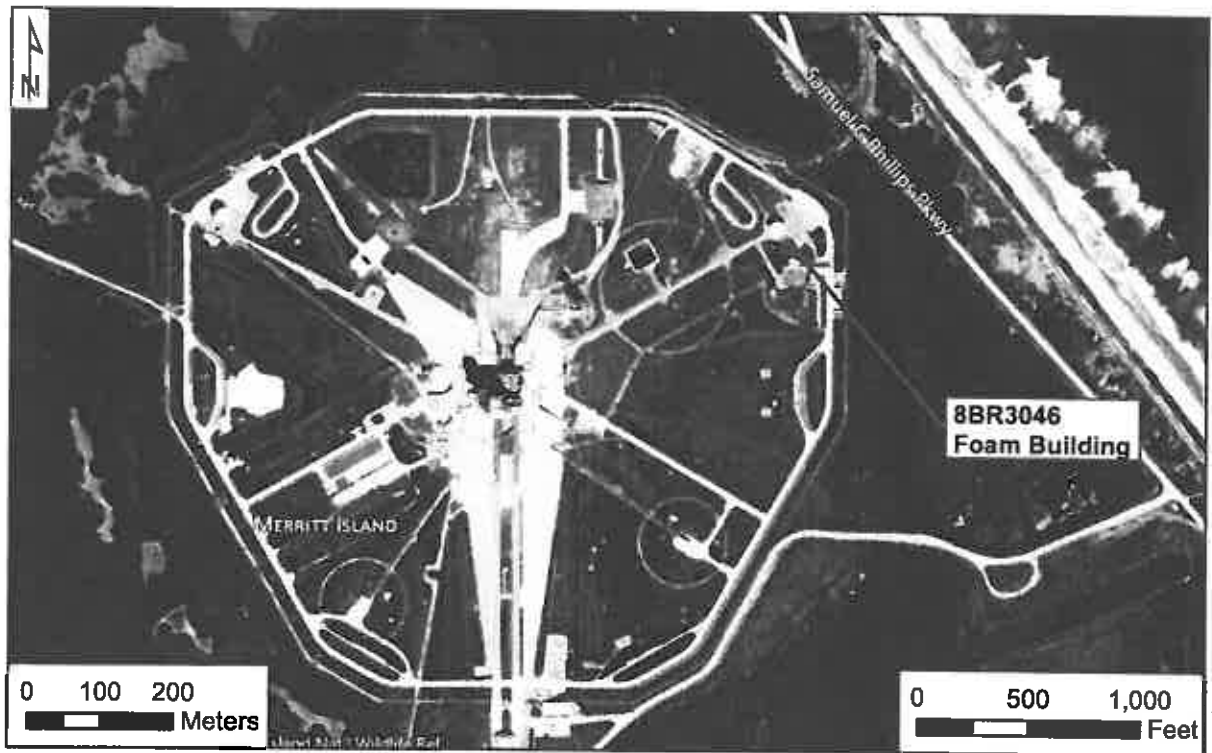


Figure 2-17. Launch Area A, RP-1 Storage Facility (Concept)

Source: KSC Archives, "MILA Facilities Descriptions," 6/30/65



Microsoft (2010) - Bing Maps Aerial



Microsoft (2010) - Bing Maps Hybrid



HISTORICAL STRUCTURE FORM

Site # 8BR3046

USGS

False Cape

Township 22 South, Range 37 East, Section 3

National Geographic Society (2011) USA Topo Maps

