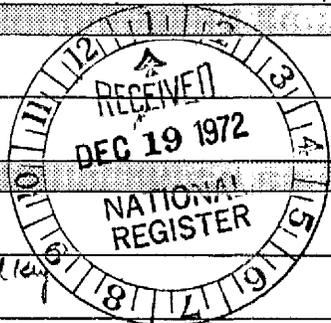


PH0022535 HZ
NO
UTV

NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM

(Type all entries - complete applicable sections)

STATE:	Florida
COUNTY:	Monroe
FOR NPS USE ONLY	
ENTRY NUMBER	DATE
	APR 11 1975



1. NAME

COMMON: Sand Key Lighthouse

AND/OR HISTORIC:

2. LOCATION

STREET AND NUMBER: Seven miles S.W. of Key West

CITY OR TOWN: Sand Key Key West vic

STATE: Florida CODE: 12 COUNTY: Monroe CODE: 087

3. CLASSIFICATION

CATEGORY (Check One)	OWNERSHIP	STATUS	ACCESSIBLE TO THE PUBLIC
<input type="checkbox"/> District <input type="checkbox"/> Site <input type="checkbox"/> Object <input type="checkbox"/> Building <input checked="" type="checkbox"/> Structure	<input checked="" type="checkbox"/> Public <input type="checkbox"/> Private <input type="checkbox"/> Both	Public Acquisition: <input type="checkbox"/> In Process <input type="checkbox"/> Being Considered	<input type="checkbox"/> Occupied <input type="checkbox"/> Unoccupied <input type="checkbox"/> Preservation work in progress

PRESENT USE (Check One or More as Appropriate)

<input type="checkbox"/> Agricultural	<input checked="" type="checkbox"/> Government	<input type="checkbox"/> Park	<input type="checkbox"/> Transportation	<input type="checkbox"/> Comments
<input type="checkbox"/> Commercial	<input type="checkbox"/> Industrial	<input type="checkbox"/> Private Residence	<input checked="" type="checkbox"/> Other (Specify) lighthouse	
<input type="checkbox"/> Educational	<input type="checkbox"/> Military	<input type="checkbox"/> Religious		
<input type="checkbox"/> Entertainment	<input type="checkbox"/> Museum	<input type="checkbox"/> Scientific		

4. OWNER OF PROPERTY

OWNER'S NAME: United States Government

STREET AND NUMBER:

CITY OR TOWN: STATE: CODE:

5. LOCATION OF LEGAL DESCRIPTION

COURTHOUSE, REGISTRY OF DEEDS, ETC.: Monroe County Courthouse

STREET AND NUMBER: Whitehead Street

CITY OR TOWN: STATE: CODE:

Key West Florida 12

6. REPRESENTATION IN EXISTING SURVEYS

TITLE OF SURVEY: Historic American Buildings Survey

DATE OF SURVEY: 1967 Federal State County Local

DEPOSITORY FOR SURVEY RECORDS: Library of Congress

STREET AND NUMBER:

CITY OR TOWN: STATE: CODE:

Washington District of Columbia 11

STATE: Florida

COUNTY: Monroe

FOR NPS USE ONLY

ENTRY NUMBER: APR 11 1975

DATE:

SEE INSTRUCTIONS

5-24-73

7 DESCRIPTION

CONDITION

(Check One)

Excellent Good Fair Deteriorated Ruins Unexposed

(Check One)

Altered Unaltered

(Check One)

Moved Original Site

DESCRIBE THE PRESENT AND ORIGINAL (if known) PHYSICAL APPEARANCE

The Sand Key Lighthouse is typical of those lights built around 1850 to mark offshore keys, shoals and reefs which were hazardous to offshore shipping. Designed by J.W.P. Lewis and erected under the direction of Lt. G.W. Meade, Topographic Engineer for the United States Army, the lighthouse is composed of keeper's quarters, spiral stairway to an observation platform and to the watchroom and lantern housing. A skeletal tower of inclined cast iron pipe columns with wrought iron tension and compression members supports these elements. The height of the total structure is approximately 132 feet; the tower tapers from 50 feet by 50 at its base to a 19 by 19 cast iron entablature supporting the watchroom and lantern housing. The foundation consists of wrought iron piles screwed into sand and coral and capped with concrete. There is a circular iron web spread footing over the cap.

There is a central column to support the spiral stairway and encasing cylinder. The columns slope inward at approximately 10° from the vertical in six sections. The coupling boxes are cast iron and serve as joints between column sections and as connectors for the tension struts of the tower.

The keeper's quarters are located in the second section of the tower. They consist of a 30 by 30 foot platform of sheet metal and wood which rests on cast iron or steel beams. The walls are faced with sheet metal plates, each panel containing a ventilator-scoop. Other panels with fresh air scoops cover windows and door. There was originally a ladder from grade to the platform, but this has been removed and it is now in ruins at the base of the tower. There are a total of nine interior spaces which were formerly used for sitting and sleeping compartments and for storage of oil and water. There is a cast iron spiral stairway, seven feet in diameter, which extends from the keeper's quarters to the watchroom. The stairway is supported by a central post and has perforated treads and risers.

The watchroom is located at the observation platform level. This round space is directly below the lantern housing and originally contained the machinery for revolving the light, spare lantern, oil, etc. A ladder now provides access to the lantern housing. A perforated cast iron beam occurs at the tops of the columns as an entablature-base for the observation platform.



S E R I A L I N S T R U C T I O N S

**NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM**

(Continuation Sheet)

STATE Florida	
COUNTY Monroe	
FOR NPS USE ONLY	
ENTRY NUMBER	DATE
	APR 11 1973

(Number all entries)

7. Present and Original Physical Appearance (2)

A corner post is inscribed "John F. Riley Iron Works, Charleston, S.C." The lantern housing is a circular space which is enclosed with triangular sheets of plate glass in three tiers. This space now houses a modern battery-operated light which replaced the original Fresnel Lighting Apparatus. A cast iron dome roof and finial serving as a vent and lighting arrestor complete the structure.



3. SIGNIFICANCE

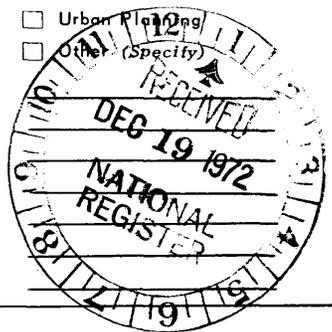
PERIOD (Check One or More as Appropriate)

<input type="checkbox"/> Pre-Columbian	<input type="checkbox"/> 16th Century	<input type="checkbox"/> 18th Century	<input type="checkbox"/> 20th Century
<input type="checkbox"/> 15th Century	<input type="checkbox"/> 17th Century	<input checked="" type="checkbox"/> 19th Century	

SPECIFIC DATE(S) (If Applicable and Known) 1853

AREAS OF SIGNIFICANCE (Check One or More as Appropriate)

<input type="checkbox"/> Aboriginal	<input type="checkbox"/> Education	<input type="checkbox"/> Political	<input type="checkbox"/> Urban Planning
<input type="checkbox"/> Prehistoric	<input checked="" type="checkbox"/> Engineering	<input type="checkbox"/> Religion/Philosophy	<input type="checkbox"/> Other (Specify)
<input type="checkbox"/> Historic	<input type="checkbox"/> Industry	<input type="checkbox"/> Science	
<input type="checkbox"/> Agriculture	<input type="checkbox"/> Invention	<input type="checkbox"/> Sculpture	
<input checked="" type="checkbox"/> Architecture	<input type="checkbox"/> Landscape Architecture	<input type="checkbox"/> Social/Humanitarian	
<input type="checkbox"/> Art	<input type="checkbox"/> Literature	<input type="checkbox"/> Theater	
<input checked="" type="checkbox"/> Commerce	<input type="checkbox"/> Military	<input checked="" type="checkbox"/> Transportation	
<input type="checkbox"/> Communications	<input type="checkbox"/> Music		
<input type="checkbox"/> Conservation			



STATEMENT OF SIGNIFICANCE

This light is one of the most important lights on the coast of the United States. It was first lighted on July 20, 1853, and is the second oldest of the six iron screw pile lighthouses which extend from Fowey Rocks to Sand Key. It is the only one of these lights not standing entirely in water. The tower stands on part of the land acquired in 1821 through the Adams-Onis Treaty, under which terms Spain ceded Florida to the United States. The light tower was actually constructed in 1853 having been designed by J.W.P. Lewis, a civil engineer from Boston, Massachusetts. It was constructed under the direction of the Bureau of Topographical Engineers with Lt. George G. Meade as officer in charge of construction.

The original brick conical tower, keeper's quarters, docks, etc. were completely destroyed in the hurricane of 1846. A light ship took its place until 1853, when the iron work tower was completed. J.W.P. Lewis who designed this tower was one of the most noted American designers of lighthouses.

SEE INSTRUCTIONS

9 MAJOR BIBLIOGRAPHICAL REFERENCES

See attached sheet.

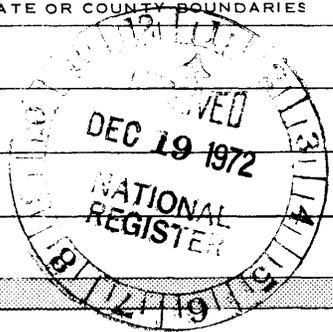
10. GEOGRAPHICAL DATA

LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY				O R	LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES				
CORNER	LATITUDE		LONGITUDE		LATITUDE		LONGITUDE		
	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
NW	°	'	"	°	'	"	N24°	27'	12"
NE	°	'	"	°	'	"	W81°	52'	36"
SE	°	'	"	°	'	"			
SW	°	'	"	°	'	"			

APPROXIMATE ACREAGE OF NOMINATED PROPERTY: less than an acre

LIST ALL STATES AND COUNTIES FOR PROPERTIES OVERLAPPING STATE OR COUNTY BOUNDARIES

STATE:	CODE	COUNTY	CODE



SEE INSTRUCTIONS

11. FORM PREPARED BY

NAME AND TITLE: Miss Mary K. Evans and Mrs. Diane Greer, Historic Sites Specialists

ORGANIZATION: Division of Archives, History, and Records Mgmt. DATE: March 20, '72

STREET AND NUMBER: Department of State, The Capitol

CITY OR TOWN: Tallahassee STATE: Florida CODE: 12

12. STATE LIAISON OFFICER CERTIFICATION **NATIONAL REGISTER VERIFICATION**

<p>As the designated State Liaison Officer for the National Historic Preservation Act of 1966 (Public Law 89-665), I hereby nominate this property for inclusion in the National Register and certify that it has been evaluated according to the criteria and procedures set forth by the National Park Service. The recommended level of significance of this nomination is:</p> <p>National <input type="checkbox"/> State <input checked="" type="checkbox"/> Local <input type="checkbox"/></p> <p>Name: <u>Robert William</u></p> <p>Title: <u>State Liaison Officer</u></p> <p>Date: <u>12/15/72</u></p>	<p>I hereby certify that this property is included in the National Register.</p> <p><u>Robert M. Utley</u> Chief, Office of Archeology and Historic Preservation</p> <p>Date: <u>4/11/73</u></p> <p>ATTEST: <u>Wm. H. ...</u> Keeper of The National Register</p> <p>Date: <u>4-3-73</u></p>
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**NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM**

(Continuation Sheet)

STATE Florida	
COUNTY Monroe	
FOR NPS USE ONLY	
ENTRY NUMBER	DATE

(Number all entries)

9. Bibliographical References

Letter of J.W.P. Lewis to Col. J.J. Albert, Chief of Bureau of Topographical Engineers, June 13, 1850, Reports, specifications, etc. 1848-1855, Bureau of Lighthouses, Sand Key, Florida. National Archives, Washington, D.C.

List of Lights and Other Marine Aids, Atlantic and Gulf Coast, Vol. II., Treasury Dept., U.S. Coast Guard, U.S. Printing Office, Washington, D.C., 1961.

Putnam, George R. Lighthouses and Light Ships of the United States. New York: Houghton Mifflin Co., 1917.

Report by George Meade, August 27, 1853, office Sand Key Lighthouse, to Col. J.J. Albert, Washington, D.C., Reports, specifications, etc. 1848-1855, Bureau of Lighthouses, Sand Key, Florida. National Archives, Washington, D.C.



