

PH0086851

NATIONAL REGISTER OF HISTORIC PLACES
INVENTORY - NOMINATION FORM

(Type all entries - complete applicable sections)

STATE: Guam
COUNTY: N/A
FOR NPS USE ONLY
ENTRY DATE NOV 10 1974

SEE INSTRUCTIONS

1. NAME

COMMON: Spanish Dikes

AND/OR HISTORIC:

2. LOCATION

STREET AND NUMBER: 0.6 Mile NE of Agana Springs

CITY OR TOWN: Agana CONGRESSIONAL DISTRICT: Guam

STATE: Guam CODE: 66 COUNTY: N/A CODE: 0100

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 type="checkbox"/> Public <input checked="" type="checkbox"/> Private <input type="checkbox"/> Both	Public Acquisition: <input type="checkbox"/> In Process <input checked="" type="checkbox"/> Being Considered	<input type="checkbox"/> Occupied <input checked="" type="checkbox"/> Unoccupied <input type="checkbox"/> Preservation work in progress	Yes: <input type="checkbox"/> Restricted <input checked="" type="checkbox"/> Unrestricted <input type="checkbox"/> No

PRESENT USE (Check One or More as Appropriate)

<input type="checkbox"/> Agricultural	<input 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) Unused	
<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: Pedro S.N. Camacho

STREET AND NUMBER: West St., Abas Ct. Lujan - Liguán Terrace

CITY OR TOWN: Dededo STATE: Guam CODE: 0300

5. LOCATION OF LEGAL DESCRIPTION

COURTHOUSE, REGISTRY OF DEEDS, ETC.: Department of Land Management

STREET AND NUMBER: Administration Building

CITY OR TOWN: Agana STATE: Guam CODE: 96910 66

6. REPRESENTATION IN EXISTING SURVEYS

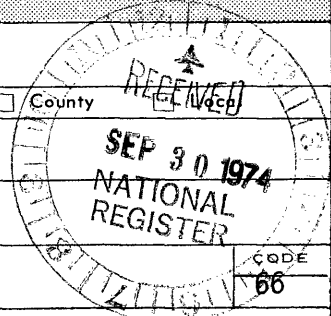
TITLE OF SURVEY: Guam Historic Survey

DATE OF SURVEY: 1974 Federal State County

DEPOSITORY FOR SURVEY RECORDS: Department of Commerce

STREET AND NUMBER: P. O. Box 682

CITY OR TOWN: Agana STATE: Guam CODE: 66



STATE: Guam
COUNTY: N/A
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7. DESCRIPTION

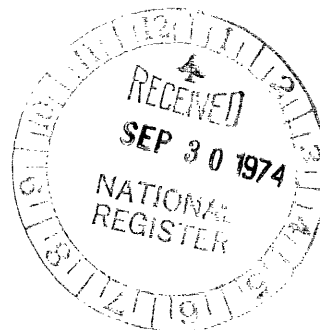
CONDITION	(Check One)					
	<input type="checkbox"/> Excellent	<input checked="" type="checkbox"/> Good	<input type="checkbox"/> Fair	<input type="checkbox"/> Deteriorated	<input type="checkbox"/> Ruins	<input type="checkbox"/> Unexposed
	(Check One)			(Check One)		
	<input type="checkbox"/> Altered	<input checked="" type="checkbox"/> Unaltered	<input type="checkbox"/> Moved	<input checked="" type="checkbox"/> Original Site		

DESCRIBE THE PRESENT AND ORIGINAL (if known) PHYSICAL APPEARANCE

The Spanish Dikes are located in the eastern end of the Agana Swamp ca. 900 m NE of Agana Springs on USGS Agana Quadrangle Map (1968). They may be reached by driving S on Highway 4 from Leary Junction 1.2 miles to a paved road on the E side of the highway leading to Agana Springs. Drive this road 0.8 miles past the springs. At this point, the paved road goes S to Afami and a dirt road goes NE. Drive the latter 0.2 miles where a badly marked road swings E. Follow this end, ca 500 m. A trail lead E to the swamp, then N to the dikes ca. 50 m.

The dikes are in two segments separated by low hills. The first segment 70 m long and angled. The easternmost half is oriented 70° E of N while the western half is 80° E of N. This segment is 1.0 m wide and between 0.3 m (at the landward end) and 1.0 m (the central area) in height. Two heavy buttresses, 3.3 m in width, occur ca. 10 m from each end and the central opening possibly for a sluice gate acts as a buttress as well. The second segment, 25 m to the NE around a low hill, is 22.5 m in length and is oriented 50 E of N. It is similar in construction to the first segment. It differs in that the carved sluice gate channels are well preserved in the central section. Both segments are made from faced limestone blocks cemented together.

The dikes are located in a badly overgrown swampy region. Vegetation consists of Cocos sp., water hyacinths (Elchornia crassipes) and large reeds completely cover the dikes and adjacent land area making them difficult to locate.



SEE INSTRUCTIONS

8. 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)

AREAS OF SIGNIFICANCE (Check One or More as Appropriate)

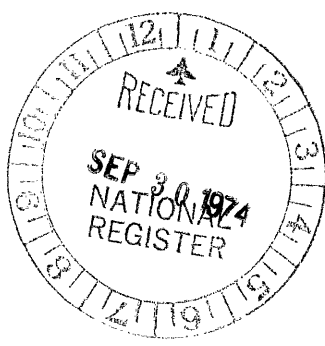
<input type="checkbox"/> Aboriginal	<input type="checkbox"/> Education	<input type="checkbox"/> Political	<input type="checkbox"/> Urban Planning
<input type="checkbox"/> Prehistoric	<input type="checkbox"/> Engineering	<input type="checkbox"/> Religion/Philosophy	<input type="checkbox"/> Other (Specify)
<input checked="" 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 type="checkbox"/> Commerce	<input type="checkbox"/> Military	<input type="checkbox"/> Transportation	_____
<input type="checkbox"/> Communications	<input type="checkbox"/> Music		
<input type="checkbox"/> Conservation			

STATEMENT OF SIGNIFICANCE

When the dikes were constructed is uncertain, Governor Villalobos (1831-1837) referred to an existing dike with a stone bridge for crossing the river, and by 1873 political prisoners from the Philippines (deportados) were planting rice in the paddy created by the dikes. However, the project to make the Agana Swamp a productive rice-growing area through the use of these dikes failed because the swamp did not drain properly.

The dikes are significant for several reasons. First, their construction by the Spanish and remarkable preservation is evidence of Spanish construction techniques. Second, the construction of the dikes specifically to create a rice growing area in the swamp illustrates a centuries old problem of Guam-shortage of food. Both the Spanish and American governors wrestled with this problem and it remains largely unsolved. Third, the use of political prisoners from the Philippines as forced laborers in the paddy created by the dikes, underscores Guam's use as a penal colony by the Spanish in the late 19th century. Finally, the dikes are unique and well preserved. Every effort should be made to prevent further deterioration.

SEE INSTRUCTIONS



9. MAJOR BIBLIOGRAPHICAL REFERENCES

Beaty, Janice J.
1967 Discovering Guam. Faith Bookstore, Agana

10. GEOGRAPHICAL DATA

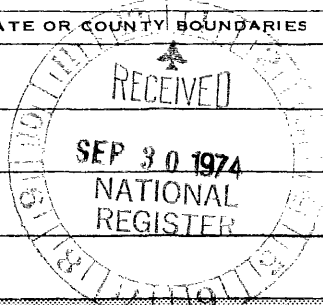
LATITUDE AND LONGITUDE COORDINATES DEFINING A RECTANGLE LOCATING THE PROPERTY			O R	LATITUDE AND LONGITUDE COORDINATES DEFINING THE CENTER POINT OF A PROPERTY OF LESS THAN TEN ACRES		
CORNER	LATITUDE	LONGITUDE		LATITUDE	LONGITUDE	
	Degrees Minutes Seconds	Degrees Minutes Seconds		Degrees Minutes Seconds	Degrees Minutes Seconds	
NW	° ' "	° ' "		13° 27' 52" N	144° 45' 57" E	
NE	° ' "	° ' "				
SE	° ' "	° ' "				
SW	° ' "	° ' "				

UTM
577280
1187600
HL

APPROXIMATE ACREAGE OF NOMINATED PROPERTY: 3.0

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

STATE:	CODE	COUNTY	CODE
STATE:	CODE	COUNTY:	CODE
STATE:	CODE	COUNTY:	CODE
STATE:	CODE	COUNTY:	CODE



SEE INSTRUCTIONS

11. FORM PREPARED BY

NAME AND TITLE: Guam Inventory Team

ORGANIZATION: Bernice P. Bishop Museum DATE: August 1974

STREET AND NUMBER: 1355 Kalihi Street - P. O. Box 6037

CITY OR TOWN: Honolulu STATE: Hawaii 96818 CODE: 058

12. STATE LIAISON OFFICER CERTIFICATION

NATIONAL REGISTER VERIFICATION

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:

National State Local

Name _____

Title Director of Commerce

Date SEP 24 1974

I hereby certify that this property is included in the National Register.

A. B. Marston
Director, Office of Archeology and Historic Preservation

Date 11/19/74

ATTEST:
Wm. M. Day
Keeper of The National Register

Date 11/18/74