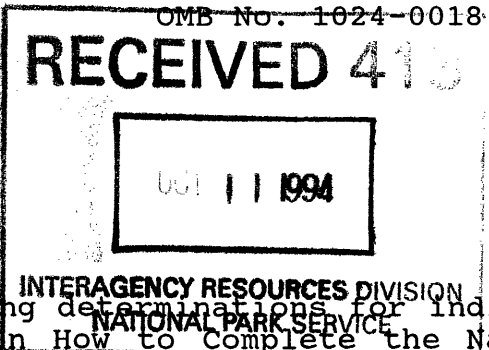


United States Department of the Interior
National Park Service



NATIONAL REGISTER OF HISTORIC PLACES
REGISTRATION FORM

This form is for use in nominating or requesting determinations for individual properties and districts. See instructions in How to Complete the National Register of Historic Places Registration Form (National Register Bulletin 16A). Complete each item by marking "x" in the appropriate box or by entering the information requested. If any item does not apply to the property being documented, enter "N/A" for "not applicable." For functions, architectural classification, materials, and areas of significance, enter only categories and subcategories from the instructions. Place additional entries and narrative items on continuation sheets (NPS Form 10-900a). Use a typewriter, word processor, or computer, to complete all items.

1. Name of Property

historic name Cruz Water Catchment

other names/site number Water Catchments on Guam or Site #66-08-1147

2. Location

street & number s.e. of Potts Junction, 1/10 mi. s. of Rte 9.

not for publication N/A

city or town (Agafa Gumas) Yigo vicinity N/A

state Guam code 010 county N/A code N/A

zip code 96929

3. State/Federal Agency Certification

As the designated authority under the National Historic Preservation Act of 1986, as amended, I hereby certify that this x nomination request for determination of eligibility meets the documentation standards for registering properties in the National Register of Historic Places and meets the procedural and professional requirements set forth in 36 CFR Part 60. In my opinion, the property X meets does not meet the National Register Criteria. I recommend that this property be considered significant X nationally X statewide X locally. See continuation sheet for additional comments.)

Kenneth R. Perez, Historian
Signature of certifying official

12/14/93
Date

Guam Historic Resource Division, Dept. Parks and Recreation
State or Federal agency and bureau

In my opinion, the property X meets does not meet the National Register criteria. See continuation sheet for additional comments.)

Richard Davis, CHDO
Signature of commenting or other official

11/15/93
Date

9/29/94

Guam Historic Resource Division, Dept. Parks and Recreation
State or Federal agency and bureau

=====
4. National Park Service Certification
=====

I, hereby certify that this property is:

<input checked="" type="checkbox"/>	entered in the National Register	<u>Rubio A. Ace</u>	<u>11/14/94</u>
___	See continuation sheet.	_____	_____
___	determined eligible for the	_____	_____
___	National Register	_____	_____
___	See continuation sheet.	_____	_____
___	determined not eligible for the	_____	_____
___	National Register	_____	_____
___	removed from the National Register	_____	_____
___	other (explain): _____	_____	_____

for Signature of Keeper Date
of Action

=====
5. Classification
=====

Ownership of Property (Check as many boxes as apply)

- private
- ___ public-local
- ___ public-State
- ___ public-Federal

Category of Property (Check only one box)

- ___ building(s)
- ___ district
- ___ site
- structure
- ___ object

Number of Resources within Property

Contributing	Noncontributing
_____	_____ buildings
_____	_____ sites
<u>1</u>	_____ structures
_____	_____ objects
<u>1</u>	_____ Total

Number of contributing resources previously listed in the National Register N/A

Name of related multiple property listing (Enter "N/A" if property is not part of a multiple property listing.) Water Catchments on Guam

6. Function or Use

Historic Functions (Enter categories from instructions)

Cat: <u>Domestic</u>	Sub: <u>Secondary Structure</u>
<u>Recreation and Culture</u>	<u>Monument/Marker</u>
<u>Agriculture/Subsistence</u>	<u>Storage</u>
_____	_____
_____	_____
_____	_____
_____	_____

Current Functions (Enter categories from instructions)

Cat: <u>vacant not in use</u>	Sub: <u>vacant not in use</u>
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

7. Description

Architectural Classification (Enter categories from instructions)

Other: Pre-War (prior to 1944)

Materials (Enter categories from instructions)

foundation stone, cement

roof N/A

walls stone, cement

other 1/2 inch pebbles, sand, boulders

Narrative Description (Describe the historic and current condition of the property on one or more continuation sheets.)

8. Statement of Significance

Applicable National Register Criteria (Mark "x" in one or more boxes for the criteria qualifying the property for National Register listing)

- A Property is associated with events that have made a significant contribution to the broad patterns of our history.
- B Property is associated with the lives of persons significant in our past.
- C Property embodies the distinctive characteristics of a type, period, or method of construction or represents the work of a master, or possesses high artistic values, or represents a significant and distinguishable entity whose components lack individual distinction.
- D Property has yielded, or is likely to yield information important

in prehistory or history.

Criteria Considerations (Mark "X" in all the boxes that apply.)

- A owned by a religious institution or used for religious purposes.
- B removed from its original location.
- C a birthplace or a grave.
- D a cemetery.
- E a reconstructed building, object, or structure.
- F a commemorative property.
- G less than 50 years of age or achieved significance within the past 50 years.

Areas of Significance (Enter categories from instructions)

- Conservation
- Community Planning and Development
- Ethnic Heritage
- _____
- _____
- _____

Period of Significance 1920 - 1940

Significant Dates 1920

Significant Person (Complete if Criterion B is marked above)

Cultural Affiliation Lifestyle of Chamorro farmers before WWII.

Architect/Builder Mr. Jose Pachaco Finona

Narrative Statement of Significance (Explain the significance of the property on one or more continuation sheets.)

=====

9. Major Bibliographical References

=====

(Cite the books, articles, and other sources used in preparing this form on one or more continuation sheets.)

Previous documentation on file (NPS)

- preliminary determination of individual listing (36 CFR 67) has been requested.
- previously listed in the National Register

previously determined eligible by the National Register
 designated a National Historic Landmark
 recorded by Historic American Buildings Survey # _____
 recorded by Historic American Engineering Record # _____

Primary Location of Additional Data

State Historic Preservation Office
 Other State agency
 Federal agency
 Local government
 University
 Other

Name of repository: _____

=====
10. Geographical Data
=====

Acreage of Property less than one

UTM References (Place additional UTM references on a continuation sheet)

	Zone	Easting	Northing	Zone	Easting	Northing
1	55	269110	1502830	3	_____	_____
2	_____	_____	_____	4	_____	_____

_____ See continuation sheet.

Verbal Boundary Description (Describe the boundaries of the property on a continuation sheet.)

Boundary Justification (Explain why the boundaries were selected on a continuation sheet.)

=====
11. Form Prepared By
=====

name/title Maria Annie Flores, Archaeological Technician I and Alejandro T.B. Lizama, Historic Preservation Specialist II

organization Historic Resource Dividion, D.P.R. date 7-13-93

street & number 490 Chalan Palasyo telephone (671)477-7470

city or town Agana Heights state GU zip code 96919
=====

Additional Documentation
=====

Submit the following items with the completed form:

Continuation Sheets

Maps

A USGS map (7.5 or 15 minute series) indicating the property's location.
A sketch map for historic districts and properties having large acreage
or numerous resources.

Photographs

Representative black and white photographs of the property.

Additional items (Check with the SHPO or FPO for any additional items)

=====
Property Owner
=====

(Complete this item at the request of the SHPO or FPO.)

name Ignacio Cruz Cruz

street & number P.O. Box 21454 telephone 632-5888

city or town Barrigada state GU zip code 96921
=====

Paperwork Reduction Act Statement: This information is being collected for applications to the National Register of Historic Places to nominate properties for listing or determine eligibility for listing, to list properties, and to amend existing listings. Response to this request is required to obtain a benefit in accordance with the National Historic Preservation Act, as amended (16 U.S.C. 470 et seq.).

Estimated Burden Statement: Public reporting burden for this form is estimated to average 18.1 hours per response including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding this burden estimate or any aspect of this form to the Chief, Administration Services Division, National Park Service, P.O. Box 37127, Reductions Project (1024-0018), Washington, DC 20503.

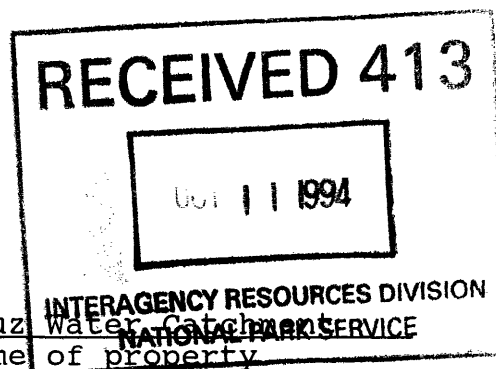
NPS Form 10-900-a
(8-86)

OMB No.1024-0018

United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Section 7 Page 1



~~Cruz Water Catchment~~
name of property
Yigo, Guam
county and State

Description

According to Mrs. Veronica F. Cruz the water catchment (tanken hanum or tanken cemento) was originally built by her father, Mr. Jose Pachaco Finona approximately in the year 1920.

The water catchment is cylindrical in shape and its' foundation is below ground level. It measures three meters and seventy-four centimeters (3.74 m) in diameter. The average thickness of the walls measure forty centimeters (40 cm). The outer exposed wall which is partially buried underground is eighty-seven centimeters (87 cm) in height from the ground level up. The interior depth, from the center of the catchment floor to the top is two meters and fifty-five centimeters (2.55 m) high. The holding capacity is estimated to be 17,034 litres.

The materials used to construct the water catchment consisted of half-inch pebbles mixed with sand and cement to make grouting and mortar. Fourteen inch boulders were used instead of concrete hollow blocks which were probably not available at the time.

The construction technique used is similar to other catchments except that this one is round in shape. A foundation in the ground was first excavated and measures four meters (4 m) in diameter and 1.80 m in depth. Cement-lime mortar was poured into the pit and smoothed out to serve as the floor of the catchment. The walls were built by placing rocks and boulders on top of the mortaring material. This process of rock piling and mortaring continued until the desired wall thickness and height was achieved. Based on the history of geological formation of the area, it is believed that the depth of the soil is less than 2.1 meters deep.

A small trough was also built about a meter away on the north side of the water catchment. The trough is about twenty-five centimeters (25 cm) deep. The average thickness of the trough is about eighteen centimeters (18 cm). The trough is badly deteriorating.

The water catchment was built next to a wooden frame ranch-house which was probably built before the water catchment. The ranch house was constructed of local hard wood such as ifil wood (Intsia bijuga), ahgao (Premna obtusifolia), chopak (Mammea odorata) and probably a few pieces of imported lumber, such as white pine. Corrugated tin roofing was used for the roof. At the edge and below the roof, a gutter was installed. Below the end of the gutter, a funnel with a water hose or piece of bamboo leading down to the water catchment was hung so that when it rained, the water was carried into the catchment. The ranch house survived World War II, but was destroyed during typhoon Karen in 1962.

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National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Section 8,9 Page 2

Cruz Water Catchment
name of property
Yigo, Guam

Significance

Prior to World War II (1944), there were about seven families who were getting water from the Cruz water catchment which was then referred to as the "Finona's" water catchment. It was mainly used for washing, cooking, drinking and watering plants and animals. Documents of early settlement before WWII, indicate families may have experienced much drought and difficulty in locating water sources other than natural ground water that surface as springs at the seashores of northern Guam.

"The fertile high northern limestone plateau had few settlements because no streams occur there whereas the coastal lowlands of southern Guam had many sites because the abundance of small streams."
(Brooks p.1).

Families who invested so much time in their farms might have been forced to build water catchments. The Cruz water catchment did play an important role in the development of Guam's history. It reminds us of the difficult living conditions and the life-style of the pre-war Chamorro farmers. The construction methods do resemble other known methods of this period. The resourcefulness of the farming people is part of the construction method used because family members were dependent on gathering building materials, and in providing necessary labor.

The Cruz Water Catchment meets two criteria of significance for nomination, these are: 1) structures that are associated with events that have made a significant contribution to the broad patterns of our history, 2) structures that embody a distinctive characteristic of a type, period or method of construction or that possess high artictic value.

The water catchment provided water to those who chose to live in the area. They were able to consider long term occupancy with the structure. For many years up to the early 1900's, family owned property far from water was not often utilized.

Bibliography

Brooks, George R. Lt. Commander. "Agana Water Supply." Guam Recorder, 14 (May 1937): 7-8.

Lizama, Alejandro T. B.. Department of Parks and Recreation, Government of Guam, Agana Heights, Guam. Interview, 1980.

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National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Section 9 Page 3

Cruz Water Catchment
name of property
Yigo, Guam
county and State

Bibliography (continued)

Lodge, Major O.R., USMC. The Recapture of Guam. Washington D.C.:
Historical Branch G-3 Division Headquarters U.S. Marine
Corps..1954.

Public Utility Agency of the Government of Guam. "Conservatio Requirements ~~for the~~
Preservtion of Guam Water Resources."Agana: August 31, 1970.
(Typewritten).

Stephenson, Rebecca A., and Moore, Darlene. Freshwater Use Customs on Rota:
An Exploratory Study, Partial Project Completion Report for
Sociocultural Determinants of Freshwater Uses in Guam Technical No. 17
Mangilao: University of Guam Water Resources Research Center, 1980.

Verbal Boundary Description

The boundaries are the dimensions of the structure itself.

Verbal Boundary Justification

The boundaries are the dimensions of the structure itself.

CRUZ WATER CATCHMENT
GUAM.
WATER CATCHMENTS

NPS Form 10-900-a
(8-86)

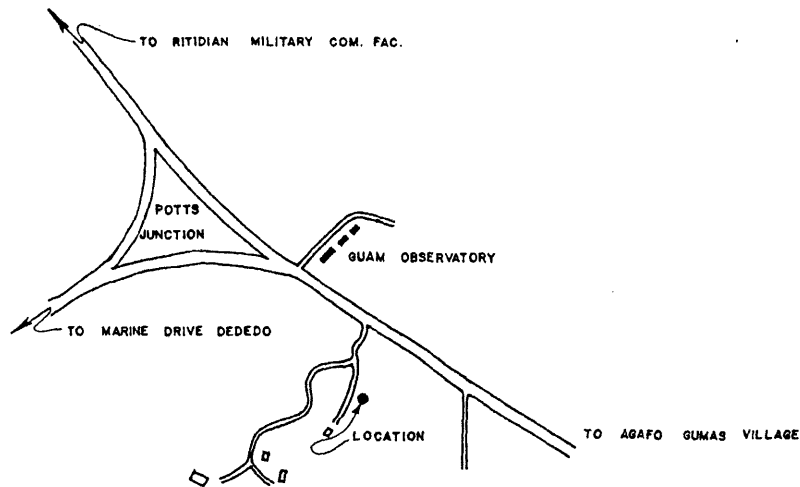
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United States Department of the Interior
National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Section _____ Page _____

Cruz Water Catchment
name of property
Yigo, Guam
county and State



— NOT TO SCALE —



CRUZ WATER CATCHMENT
GUAM
WATER CATCHMENTS

NPS Form 10-900-a
(8-86)

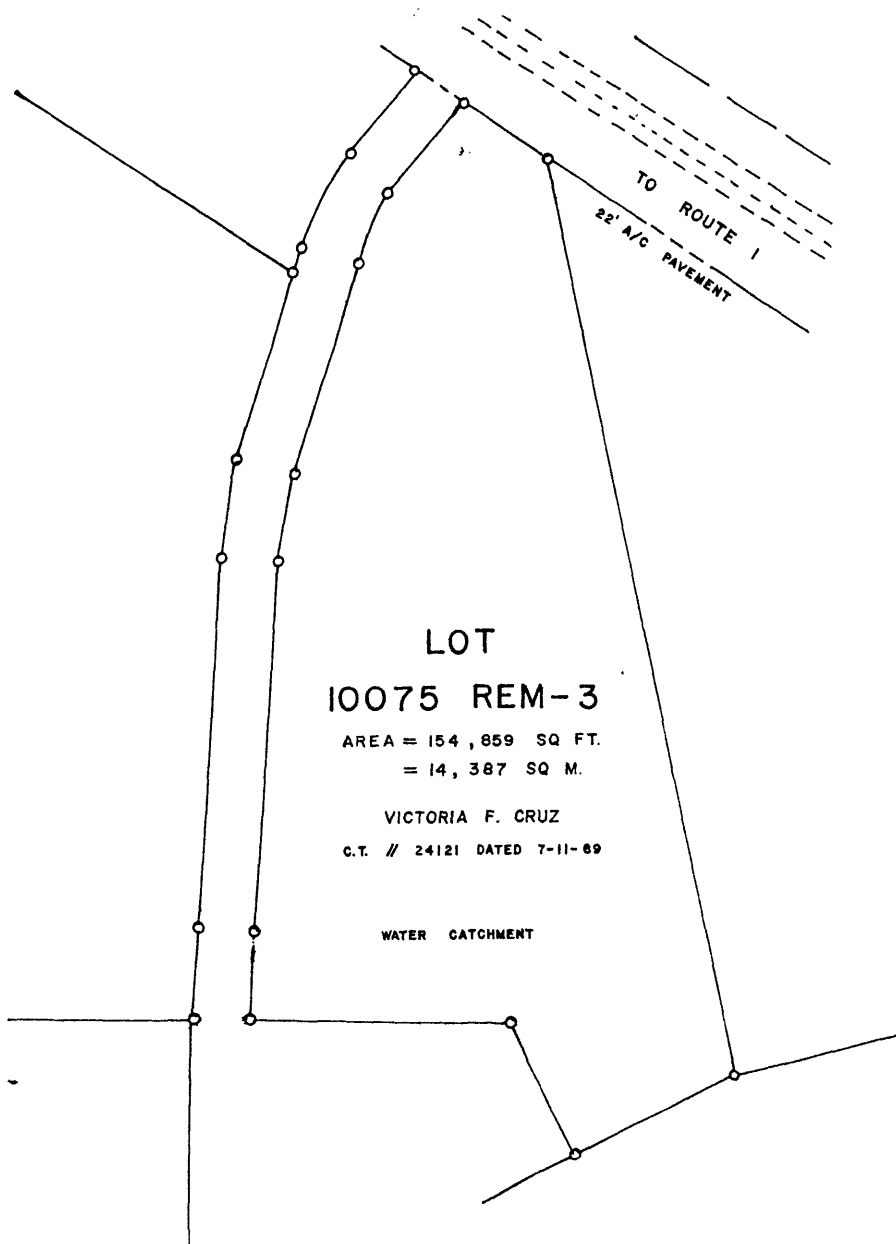
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National Park Service

NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Section _____ Page _____

Cruz Water Catchment
name of property
Yigo, Guam
county and State



CRUZ WATER CATCHMENT
GUAM
WATER CATCHMENTS

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(8-86)

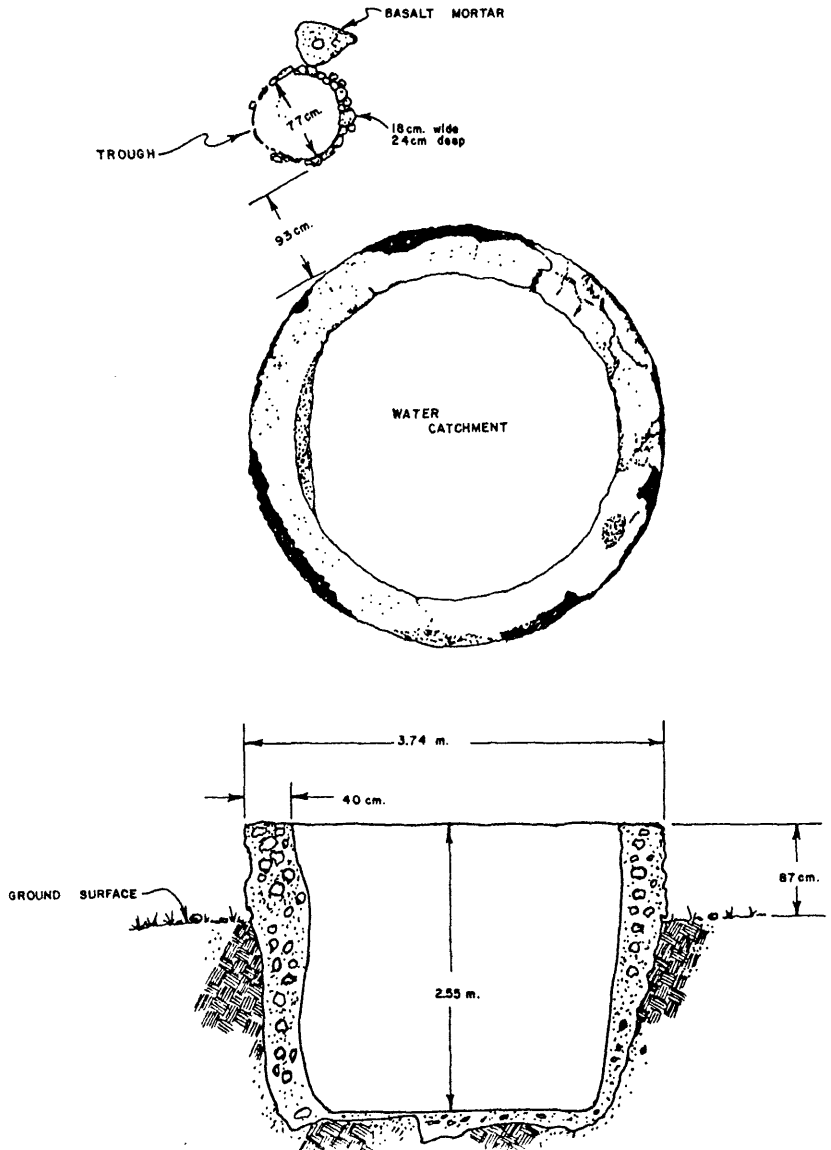
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United States Department of the Interior
National Park Service

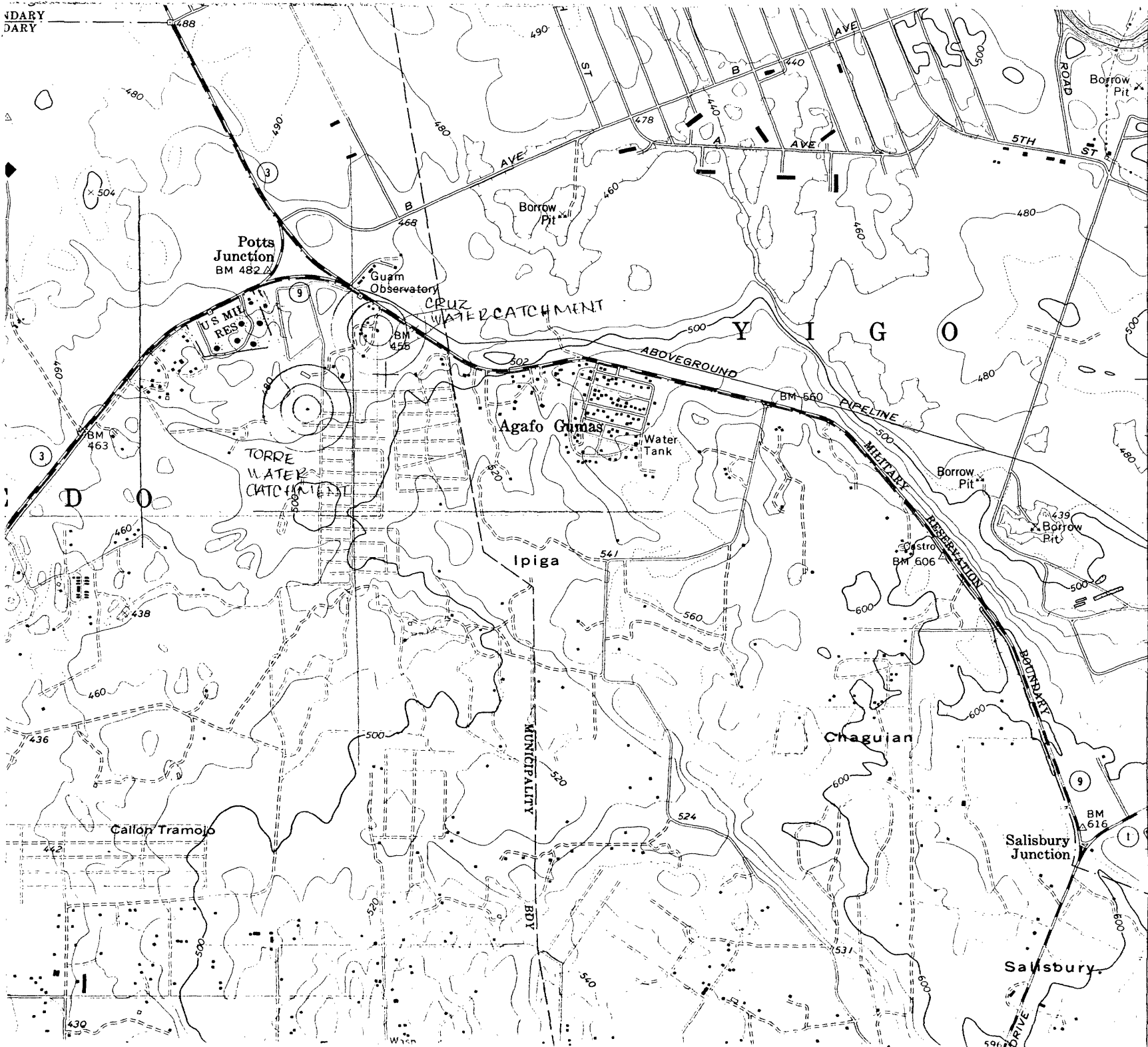
NATIONAL REGISTER OF HISTORIC PLACES
CONTINUATION SHEET

Section _____ Page _____

Cruz Water Catchment
name of property
Yigo, Guam
county and State



ADJADARY
ADJADARY



1504 TORRE
55 26-1110

CRUZ
WATER CATCH
55 26-1110

(PATI POINT)
35'

ANDERSEN AIR FORCE BASE PASSENGER TERMINAL 2 MI.

1500