

Dan's Marine Resort / Bikini Island Club

Address: P.O.Box 6021 Merizo, Guam 96916 Ph#(671) 828-8889 Fax# 828-8498

Ref: Letter of Federal Consistency

Date: August 01,2019

From: Michael Q. Cruz

Title: General Manager

Company: Dan's Marine Resort / Bikini Island Club

Address: P.O.Box 6021 Merizo Guam

Dear Sir Mam,

Dan's Marine Resort / Bikini Island Club would like to submit this letter in request for federal consistency for the (CZMA) consistency certification in regards to the following .

Description:

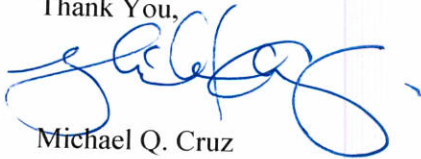
Dan's Marine Resort / Bikini Island Club has built and assemble a temporary hut, swing, and picnic table out at Bikini Island sand.

Location of Project:

The project location is located in the southernmost tip of Guam in the Coco's Lagoon near the village of Merizo.

Please see the Attached (CZMA) Act Consistency Determination for Guam and all the attached supporting documents. you can contact me at Ph# (671) 828-8889/90 or email me at michael.marineresort@gmail.com.

Thank You,



Michael Q. Cruz

General Manager/ DMR/BIC

U.S. Army Corps of Engineers (USACE) APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT 33 CFR 325. The proponent agency is CECW-CO-R.		Form Approved - OMB No. 0710-0003 Expires: 01-08-2018	
The public reporting burden for this collection of information, OMB Control Number 0710-0003, is estimated to average 11 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding the burden estimate or burden reduction suggestions to the Department of Defense, Washington Headquarters Services, at whs.mc-alex.esd.mbx.dd-dod-information-collections@mail.mil . Respondents should be aware that notwithstanding any other provision of law, no person shall be subject to any penalty for failing to comply with a collection of information if it does not display a currently valid OMB control number. PLEASE DO NOT RETURN YOUR APPLICATION TO THE ABOVE EMAIL.			
PRIVACY ACT STATEMENT			
Authorities: Rivers and Harbors Act, Section 10, 33 USC 403; Clean Water Act, Section 404, 33 USC 1344; Marine Protection, Research, and Sanctuaries Act, Section 103, 33 USC 1413; Regulatory Programs of the Corps of Engineers; Final Rule 33 CFR 320-332. Principal Purpose: Information provided on this form will be used in evaluating the application for a permit. Routine Uses: This information may be shared with the Department of Justice and other federal, state, and local government agencies, and the public and may be made available as part of a public notice as required by Federal law. Submission of requested information is voluntary, however, if information is not provided the permit application cannot be evaluated nor can a permit be issued. One set of original drawings or good reproducible copies which show the location and character of the proposed activity must be attached to this application (see sample drawings and/or instructions) and be submitted to the District Engineer having jurisdiction over the location of the proposed activity. An application that is not completed in full will be returned. System of Record Notice (SORN). The information received is entered into our permit tracking database and a SORN has been completed (SORN #A1145b) and may be accessed at the following website: http://dpcl.dod.mil/Privacy/SORNsIndex/DOD-wide-SORN-Article-View/Article/570115/a1145b-ce.aspx			
(ITEMS 1 THRU 4 TO BE FILLED BY THE CORPS)			
1. APPLICATION NO.	2. FIELD OFFICE CODE	3. DATE RECEIVED	4. DATE APPLICATION COMPLETE
(ITEMS BELOW TO BE FILLED BY APPLICANT)			
5. APPLICANT'S NAME First - Richard Middle - Jun Last - Bac Company - Bikini Island Club E-mail Address - Bikini.ic.resort@gmail.com		8. AUTHORIZED AGENT'S NAME AND TITLE (agent is not required) First - Middle - Last - Company - E-mail Address -	
6. APPLICANT'S ADDRESS: Address- P.O.Box 6021 City - Merizo State - Guam Zip - 96916 Country - USA		9. AGENT'S ADDRESS: Address- City - State - Zip - Country -	
7. APPLICANT'S PHONE NOS. w/AREA CODE a. Residence b. Business c. Fax 671 688 2065 671 828 8889 671 828 8498		10. AGENTS PHONE NOS. w/AREA CODE a. Residence b. Business c. Fax	
STATEMENT OF AUTHORIZATION			
11. I hereby authorize, _____ to act in my behalf as my agent in the processing of this application and to furnish, upon request, supplemental information in support of this permit application.			
_____ SIGNATURE OF APPLICANT		_____ DATE	
NAME, LOCATION, AND DESCRIPTION OF PROJECT OR ACTIVITY			
12. PROJECT NAME OR TITLE (see instructions) Bikini Island Hut, swing and Picnic table project			
13. NAME OF WATERBODY, IF KNOWN (if applicable) Cocos Lagoon		14. PROJECT STREET ADDRESS (if applicable) Address None	
15. LOCATION OF PROJECT Latitude: °N 13 44'43.91"N Longitude: °W 144 39'40.25"E		City - State- Zip-	
16. OTHER LOCATION DESCRIPTIONS, IF KNOWN (see instructions) State Tax Parcel ID None Municipality Section - Township - Range -			

17. DIRECTIONS TO THE SITE

South East of Merizo pier 15 min Boat ride to get there

18. Nature of Activity (Description of project, include all features)

To built a temporary 18 X 20 hut for shade and a 8' x 10' swing for photo shoot and a 6' x 10' covered picnic table made of galvinize steel and nuts and bolts with palm leaves covering.

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

The Purpose for this project is to promote the beautiful cocos lagoon a Bikini Island sand bar for our locals and tourist to enjoy.

USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

N/A

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards:

Type Amount in Cubic Yards	Type Amount in Cubic Yards	Type Amount in Cubic Yards
-------------------------------	-------------------------------	-------------------------------

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres

or

Linear Feet

23. Description of Avoidance, Minimization, and Compensation (see instructions)

24. Is Any Portion of the Work Already Complete? ☒ Yes ☐ No IF YES, DESCRIBE THE COMPLETED WORK

All the work has been completed and is in place we are applying for and letter of permission with Army corp, as we were not aware that a permit was need to built a temporary stucture.

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list).

a. Address- None

City - State - Zip -

b. Address-

City - State - Zip -

c. Address-

City - State - Zip -

d. Address-

City - State - Zip -

e. Address-

City - State - Zip -

26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in This Application.

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED
GSPC	Sea Shore Clearance		in progress Aug 1, 2019		
GEPA	401 water		in Progress Aug 1,2019		
GCM	Federal Consistency		in Progress Aug 1,2019		

* Would include but is not restricted to zoning, building, and flood plain permits

27. Application is hereby made for permit or permits to authorize the work described in this application. I certify that this information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

 July 31, 2019
SIGNATURE OF APPLICANT DATE SIGNATURE OF AGENT DATE

The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.

Bikini Island Hut Project BA

BIKINI ISLAND HUT, SWING AND PICNIC TABLE
AREA # 3 SAND BAR BIOLOGICAL ASSESSMENT

Coco's lagoon Merizo, Guam

Contact Person: Richard J. Bae

Phone Number: (672)828-8889/90

Introduction

The purpose of this biological assessment is to review and insure that the Bikini Island's recreational hut, swing and picnic table project will post no threat to any of Guam's endangered species, habitat and its surrounding environment. Also determine whether the proposed action may affect any of the threatened, endangered, proposed.

- **T - Threatened**
- **E - Endangered**
- **PT - Proposed Threatened**
- **PET - Proposed Endangered Species**

Candidate Fish Species

- Yellow crowned butterfly fish (*Chaetodon flavocornatus*) **PT**
- Bump Head (*Belometopon Muricatum*) **PT**
- Camouflage Grouper (*Epinephelakadon*) **PT**

Sensitive Species and Species of Concern

- Green Turtle (*Chelonia mydas*) **T**

Types of Coral species present within the lagoon

- Stony Hard corals (*Scleractinians*)
- Internal Skeleton corals (*Octocorallia*)

Current Management Direction

1. Bikini Island Club goals and direction towards building this temporary hut, swing and picnic table is to provide a recreational facility out at Bikini Island sand bar for our visitors and our local island communities to enjoy the comfort and relaxation and share the experience of being out on the beautiful coco's lagoon. As a part of being able to provide a shelter, shade and a small swing for photo shot with a picnic table to allow for our visitors and locals to enjoy. Bikini Island Club and its management team will assume full responsibility for the maintenance and up keeping of this project site location.
2. Bikini Island club shall submit a site plan along with drawing and materials used to build this structure along with a (BMP) that implements maintaining, up keeping and record keeping of all preventive maintenance work. As a Part of the BMP Bikini island have included a storm management plan that will ensure the proper procedures are in place to be able to determine the proper steps towards preparation and planning of any tropical storms or Typhoons.
3. Bikini Island Club shall monitor and record all activity on a daily bases on the daily logs and keep records for reviews on all incidents and or impact if any, and report to management immediately.
4. Bikini Island club shall submit this (BA) as required by USACE and our local regulators to ensure that this project will have no adverse effect towards the marine life and its surrounding environment.

Description of the Proposed Action

1. Bikini island club has built a temporary hut swing and picnic table out of galvanized metal, wood and palm leaves. the entire structure is bolted together with various sizes of nuts and bolt and can be fully disassembled.
2. Bikini Island hut project is located in the Coco's lagoon in the southernmost tip of Guam. please see Attachment (A) that shows location and distance to Bikini island Club house and Coco's Pier.
3. When the work was conducted (Start time and end dates). The work commenced on October 15th and was completed on October 21, 2018, The assembly was completed in less than 48 hours.
4. The types of equipment used and how the structures were installed. The use of box wrenches and 18 volt cordless impact driver were used during the assembly. The structure was assembled by use of man power and a couple of ladders.

5. The dimensions of each of the three structures (Length, Width, and height) and the material used to build the structure, and the approximate weight of each structure. The following dimension are as followed for the Thatched roof pavilion 18' x 20' x 12' and weights around 4,500 lbs, photo shot swing is 8' wide by 10' high and has a 5' flat bottom base to prevent from sinking and weights around 2,500 lbs and the picnic table is 8' x 4' x 6' and weights around 1,000 lbs. The entire structure was fabricated out of galvanize square and round tubing at our work shop and brought out to Bikini island via boat to the sand bar. The structure was designed to be completely bolted together with # 6 nuts and 1/2" to 5/8" bolts

Effect to the surrounding and its species

1. Bikini island hut project post no threat to the surrounding environment due to the design build of the structure. The structures were assemble in stages and were bolted together with nuts and bolts. There has been no demolition, digging, or dredging. the structure is place in position at the highest point of the sand bar that during the lowest tide the structure is only about 6 to 8 inches above the lowest tide water line which is around a negative 0.10 feet. Bikini island sand bar is approximately 9,571.71 sq meters of which the bikini island hut swing and picnic table only occupies approximately 50 square meters. Please Attachment (B) indicating the area circumference in square meters.
2. Typical species within the vicinity outward of the shallow within the surrounding coral heads
 - a) Green sea
 - b) Sting rays
 - c) trigger fishes
 - d) damsel
 - e) wrasse
 - f) tangs
 - g) butterfly fishes
 - h) blue and silver skip jacks
 - i) small honeycomb grouper
3. Please see Attachment (C) site map showing the nearest coral head, patches and reefs

Habitat location

1. Closes habitat is the nearest coral head being approximately 90 feet away for the Bikini Island structure and the nearest coral patch being approximately 964.50 feet and the nearest coral reef at approximately about 1,666.84 feet. please see Attachment (B)

List of Contacts

- | | | |
|-------------------|-----------------|------------------|
| • Richard J. Bae | OWNER/ CEO | Ph# 671-828-8889 |
| • Michael Q. Cruz | General Manager | Ph# 671-686-4409 |

Prepared By

- **Michael Q. Cruz**

Maps

- | | |
|------------------|---|
| • Attachment (A) | Distance from Bikini Club house and Coco's pier |
| • Attachment (B) | Area in square feet |
| • Attachment (C) | Distance to nearest coral head, patch and reef |
| • Attachment (D) | Site Map and co-ordinance |
| • Attachment (E) | Drawing |
| • Attachment (F) | Photo |

Attachment (A)

DISTANCE FROM BIKINI ISLAND CLUB HOUSE AND COCOS PIER

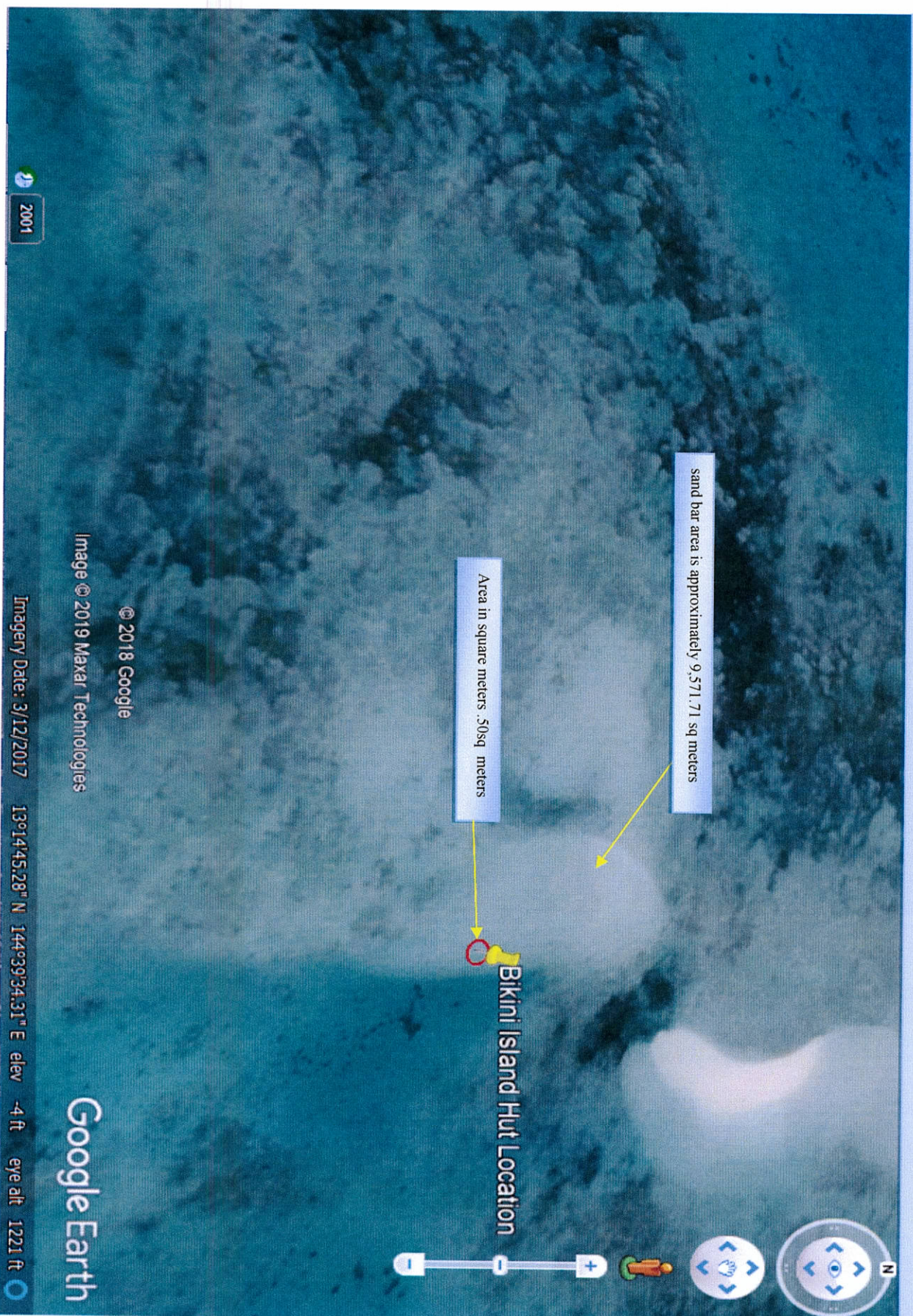


ATTACHMENT (F) PHOTO



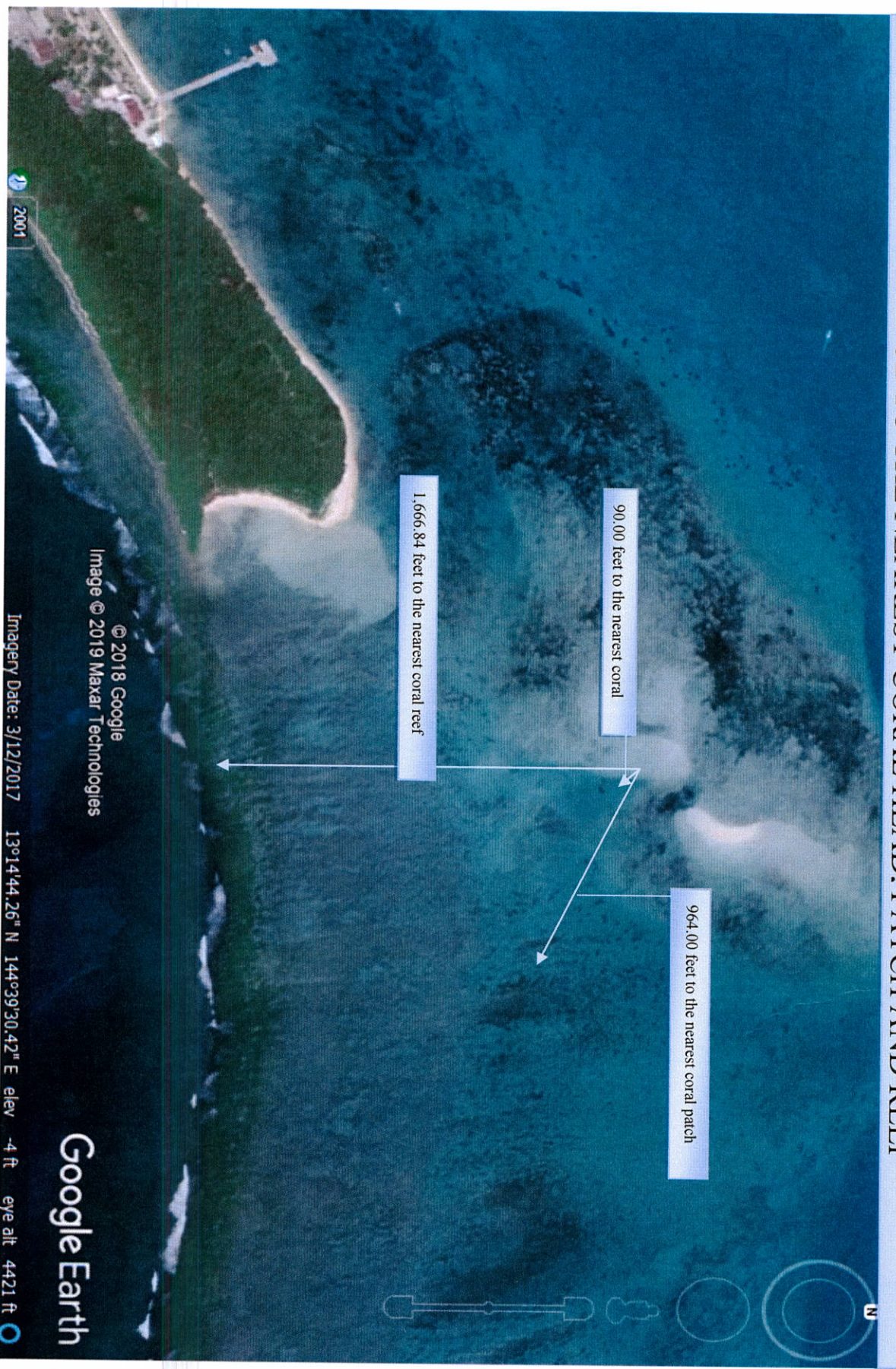
Attachment (B)

AREA IN SQUARE FEET

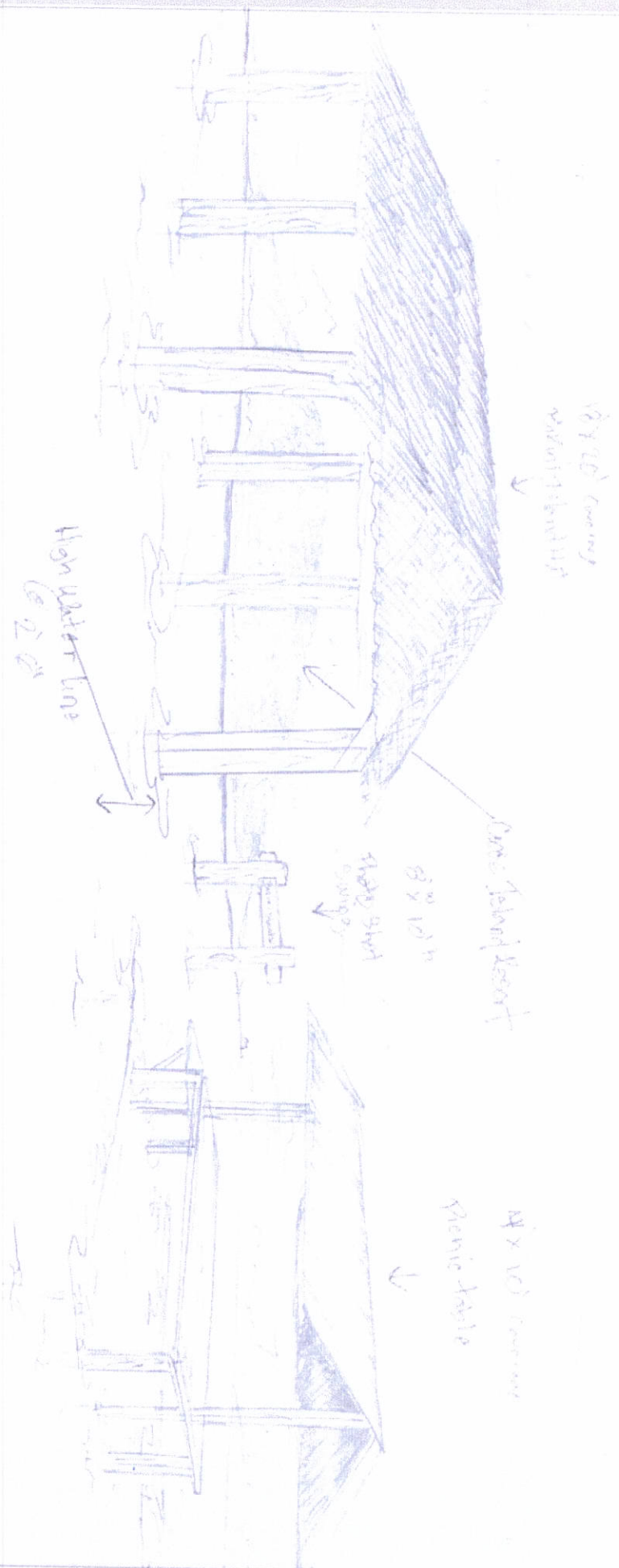


Attachment (C)

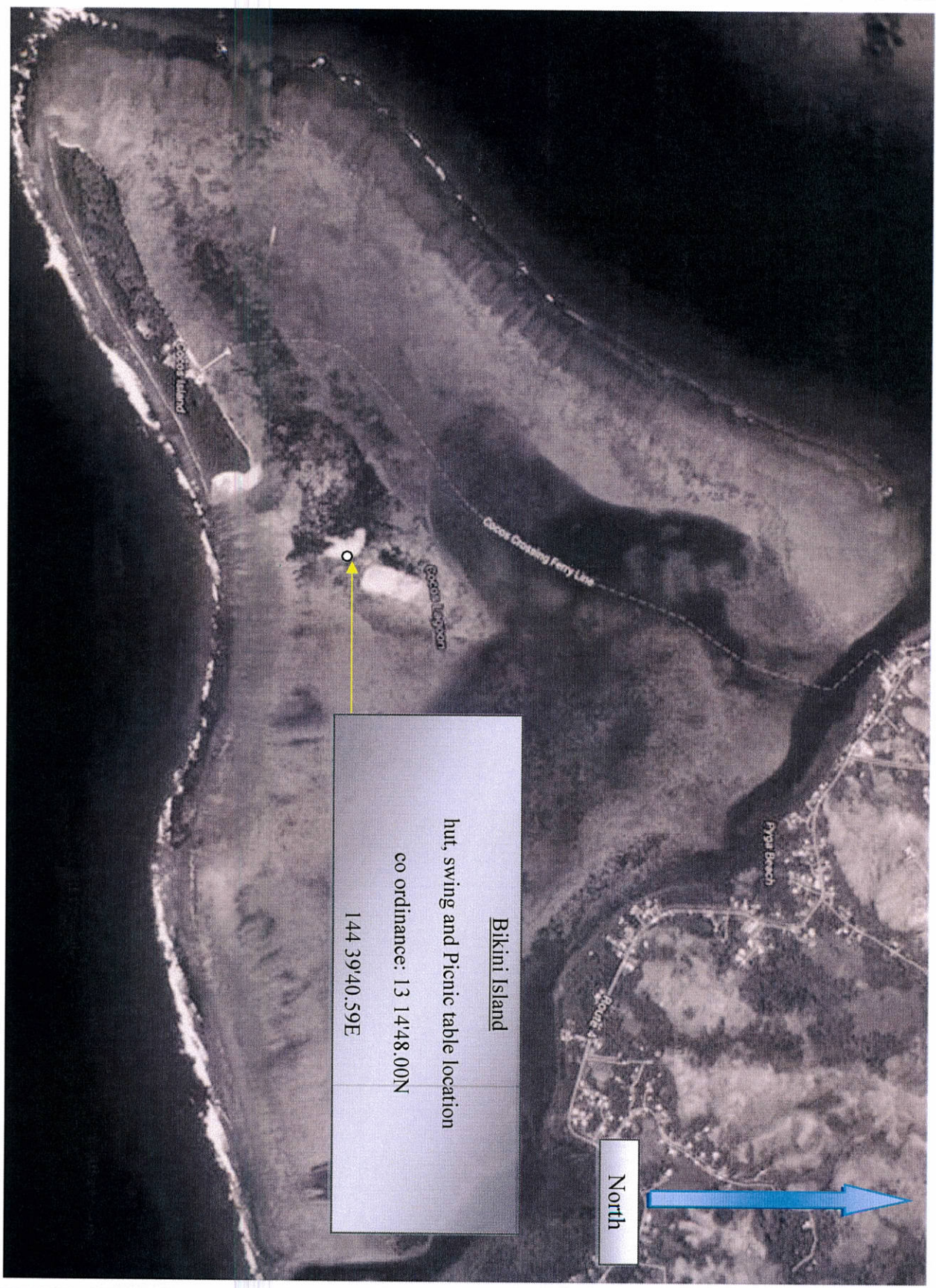
DISTANCE TO THE NEAREST CORAL HEAD. PATCH AND REEF



ATTACHMENT (E) DRAWING



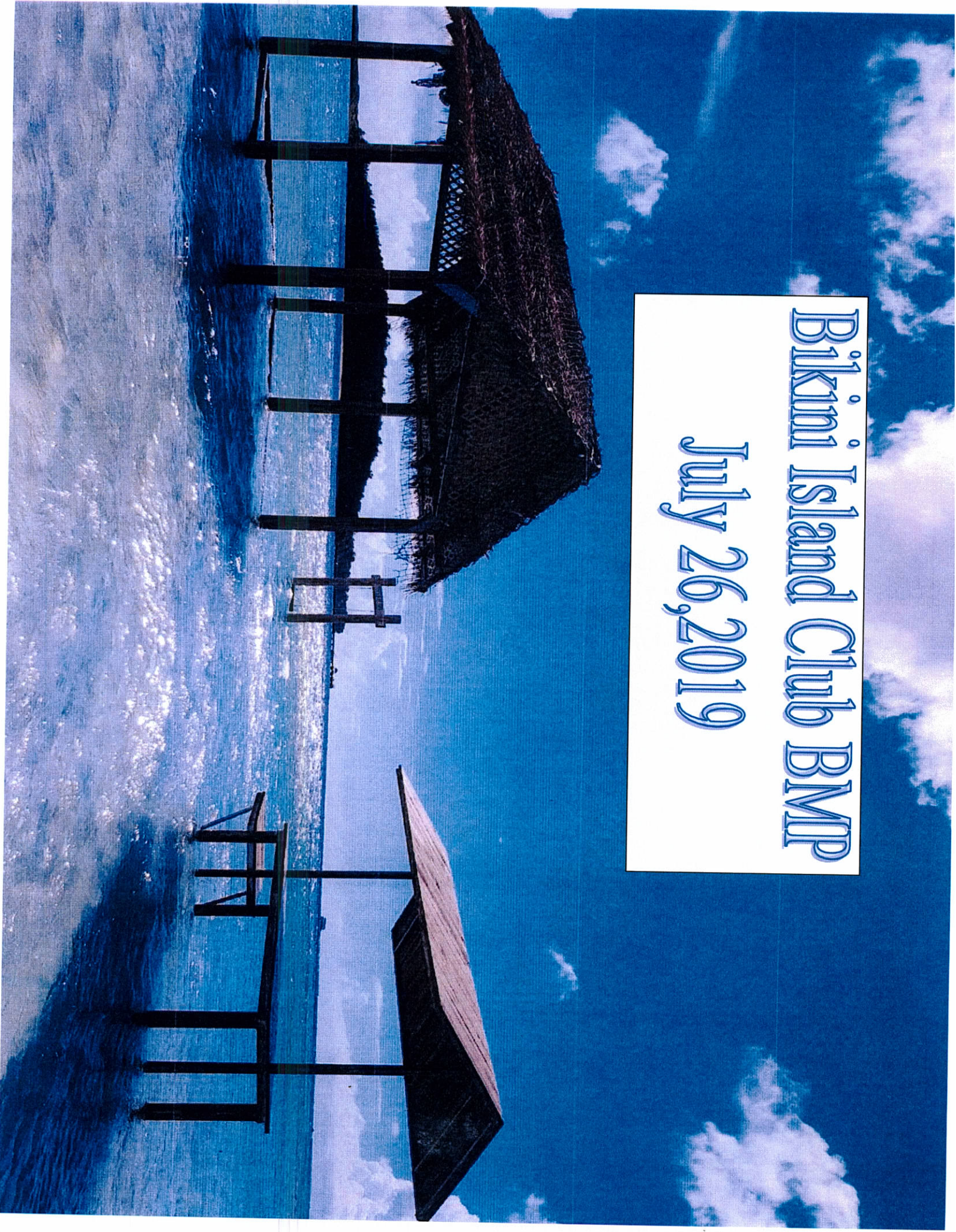
ATTACHMENT(D) SITE MAP & CO-ORDINANCE



Bikini Island Hut Project BMP

Bikini Island Club BMP

July 26, 2019



BMP for BIKINI ISLAND CLUB

Company: Dan's Marine Resort DBA Bikini Island Club

Owner/ CEO: Richard J. Bae

Date: July 24, 2019

Address: 448 Chalan Kanton Tasi Merizo Guam 96916

Phone: business / 671 828-8889/90 cell / 688-2065

A. Description:

- Marine sport company that offers all types of water activities such as Dolphin watching, Jet skiing, boat snorkeling, bikini island tour, beach kayaking, parasailing, seawalker and intro to boat diving. We are located in the wonderful village of Merizo at the most southern tip of the island.

B. Purpose and Functions:

- Bikini Island Club has built a temporary hut, swing, and picnic table out at the bikini island for the purpose of promoting the Guam's beautiful coco's lagoon for our visitors as well as our local community. The Bikini Island Project was completed on October 21, 2018. As a part of being able to provide this recreational site for the enjoyment of both our visitors and locals, Bikini Island Club has put together this BMP to ensure that the proper maintenance and up keep of the structure to ensure that it is well maintained as well as to ensure that there are impact to the marine life and its surrounding environment.

C. Maintaining and cleaning

1. Bikini Island Club Beach staff employees are to ensure that Bikini Island sand bar is cleaned and clear of any debris or trash that may have been left by the visitors or general public on a Daily basis.
2. Bikini Island beach staff employees must report at the end of each shift to the Team leader that the area has been check prior to leaving Bikini Island sand bar and that there is no trash or debris.
3. Bikini Island beach staff shall remove all trash and debris daily and it is to be recorded on the daily log book and signed by the team leader.

BMP for BIKINI ISLAND CLUB

Note : Bikini Island beach staff employees are out there daily and is required to report status on any maintenance issue that need immediate attention.

C. Weekly inspections, preventive maintenance and record keeping

1. Due to the nature and location of the Hut, swing and picnic table Bikini island club Maint staff is only required to perform weekly inspection.
2. Bikini Island Club Maintenance department staff will keep records of all maintenance repairs and preventive maintenance on a weekly log book.

D. Procedures for monitoring tropical depression and storms.

1. Please see the attachment (C)and (D) Dan's Marine Resort / Bikini Island tropical storm action plan and category risk and scale levels.
2. Preparation and Planning stage and Plans. Please see attachment (E) .ADDENDUM FOR DMR TROPICAL STORM AND TYPHOON PROTOCOL.

E. Training:

1. All Bikini Island beach staff, maintenance personnel and management team shall attend an annual Reef Safe Tourism Workshops training with Mallory Morgan of National Coral Reef Management Fellow Guam Bureau of Statistics and Planning in effort to keep us aware all new and upcoming regulations as a part of this BMP.
2. All Bikini Island Employees are brief daily and are required to sign off on the daily log book after their safety briefing and given the daily work assignments.

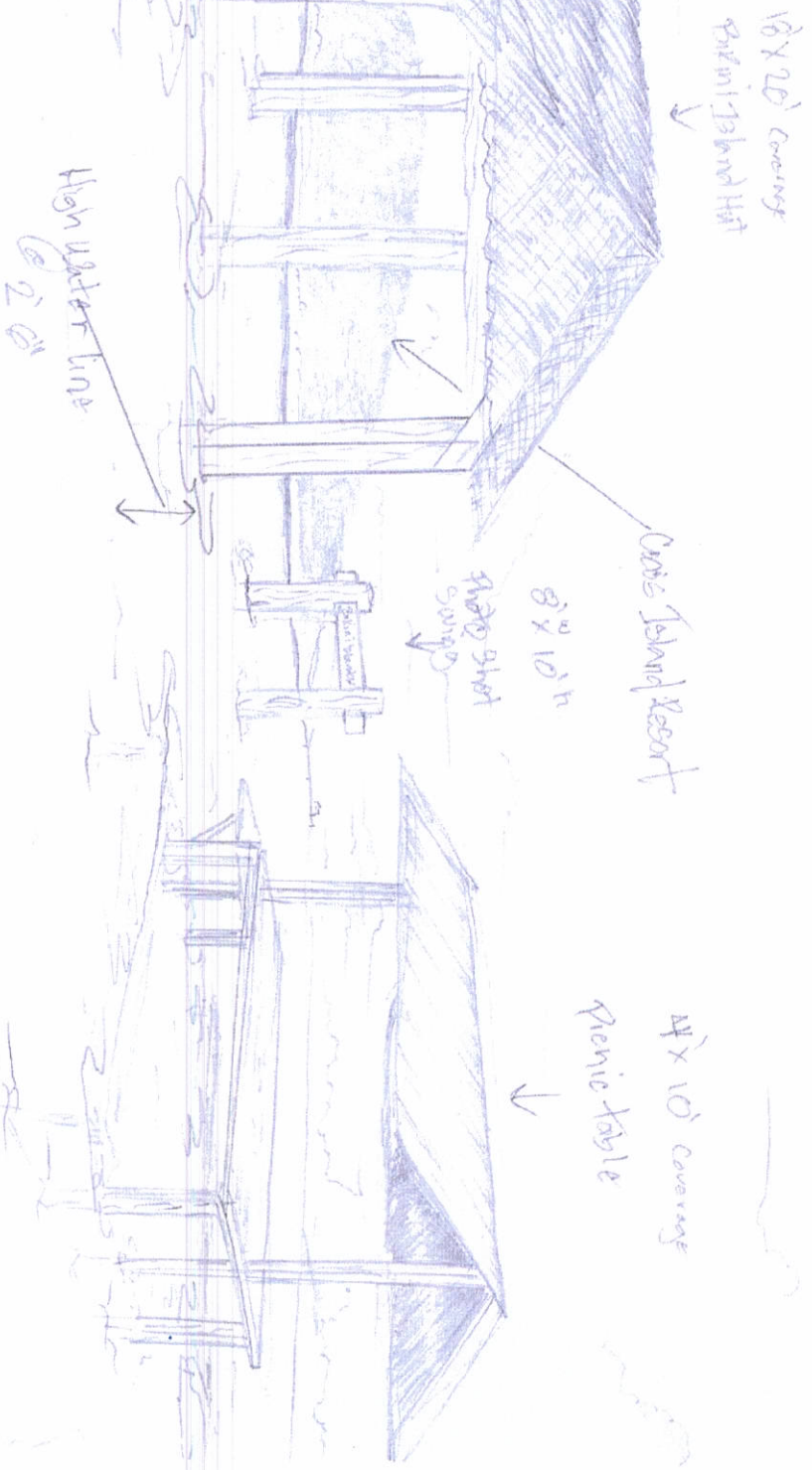
F. Designated personal responsible for implementation and correspondence of this BMP.

Name	Title	Contact	Email
1. Duane Chargualaf / Beach Staff Team Leader.		671-727-0693	duane.chargualaf@yahoo.com
2. Michael Q. Cruz / General Manager		671-686-4409	michael.marineresort@gmail.com

Map and Drawing:

Please see the following attachment (A) and (B) for map and Drawing

BMP for BIKINI ISLAND CLUB



Reference: Bikini island sand bar location attachment (B)

Owner: Richard J. Bae

BMP Drawing for: Bikini Island Hut, Swing and Picnic Table

Location: Cocos Lagoon

BMP for BIKINI ISLAND CLUB



Reference: Bikini island sand bar location attachment (A)

Owner: Richard J. Bae

BMP Map for: Bikini Island Hut, Swing and Picnic Table

Location: Cocos Lagoon

BMP for BIKINI ISLAND CLUB

Attachment (C)

Action Plan for Tropical storm and Typhoon

The following action shall take place upon any TCCOR to Guam. Please note: if a tropical storm has develop into a category level typhoon or is anticipated to become a **category # 2 typhoon** prior to approaching Guam, DMR/BIC will remove the entire roof structure of the Bikini Island hut. Swing and picnic table to prevent any damage or harm to our surrounding reef and the environment.

Beach Staff:

Must secure the following

All beach side equipment such as **kayaks, paddles, super Mable, banana boats** and Life jackets and is not limited to **Boats, jets skis, Bikini Island hut, swing, picnic table** and all other Marine activity equipment depending on the category threat level . The outside patio area must be secured such as table's chairs and all lose items that may become airborne during a storm.

Maintenance Staff:

All Maintenance shop tools and shop area must be secured as well as all company vehicles. Maintenance shall be responsible for securing the boats in their proper areas, and is not limited to the facility to ensure that all areas are secured properly. Maintenance shall provide support of all proper needs of equipment such as lighting, extension cords, fuel and all other need of emergency equipment needed for the approaching storm before they secure.

Kitchen Staff:

The Kitchen areas shall be clean and clear of any and all equipment such as pots, pans knives plate ext. All meat and produce shall be placed in their proper location and secure in case power goes out to minimize the cost of spoilage. You are responsible to ensure that all areas including the outside BBQ areas are secured and all lose items are put away before leaving you leave for the day.

Wait Staff:

The restaurant area and front counter shall be secured accordingly. All chairs shall be put up from the floor and tables shall be cleared and all condiments are put away. Make sure that all appliances are turned off and unplugged cleaned before putting them away. You are to sweep and mop your work area before you leave for the day.

Please Note: that all employees of DMR shall participate in all efforts toward **Preparation and Restoration** of DMR.

Note: at **category level # 2** all highlighted equipment above will have to be remove from the water or its location and secured on land.

BMP for BIKINI ISLAND CLUB

Attachment (D) Category Scale and risk Levels

American Red Cross		Saffir-Simpson Hurricane Scale				
Tropical Depression	Tropical Storm	Category	Hurricane Category 1	Hurricane Category 2	Hurricane Category 3	Hurricane Category 4
0-38 mph	39-73 mph	Wind Speed	74-95 mph	96-110 mph	111-129 mph	130-156 mph
0 ft	0-3 ft	Storm Surge	4-5 ft	6-8 ft	9-12 ft	13-18 ft
						≥157 mph
						>18 ft

Source of Data: NOAA

Understanding Severe Thunderstorm Risk Categories

THUNDERSTORMS (no label)	1 - MARGINAL (MRGL)	2 - SLIGHT (SLGT)	3 - ENHANCED (ENH)	4 - MODERATE (MDT)	5 - HIGH (HIGH)
No severe* thunderstorms expected	Isolated severe thunderstorms possible	Scattered severe storms possible	Numerous severe storms possible	Widespread severe storms likely	Widespread severe storms expected
Lightning/flooding threats exist with <u>all</u> thunderstorms	Limited in duration and/or coverage and/or intensity/	Short-lived and/or not widespread, isolated intense storms possible	More persistent and/or widespread, a few intense	Long-lived, widespread and intense	Long-lived, very widespread and particularly intense
					

* NWS defines a severe thunderstorm as measured wind gusts to at least 58 mph, and/or hail to at least one inch in diameter, and/or a tornado. All thunderstorm categories imply lightning and the potential for flooding. Categories are also tied to the probability of a severe weather event within 25 miles of your location.



National Weather Service
www.spc.noaa.gov



BMP for BIKINI ISLAND CLUB

Attachment (E)

ADDENDUM FOR DMR TROPICAL STORM AND TYPHOON PROTOCOL

Upon the announcement of TCCOR 4, all employees must report to work to discuss and prepare for any upcoming threat to the island of Guam that may cause damage to our facility. We shall plan accordingly on how to prepare for upcoming storm or typhoons based on the following information below

BEFORE:

TCCOR 4: Lowest stage indicates that a possible threat of destructive winds will occur within 72 hours.

- TCCOR 4: all employees must report to work for preplanning and preparation. Note: the determination of planning shall be based on information of the approaching storm and its level of threat based on it tracking and its category for the national weather service and all st.

TCCOR 3: Destructive winds are possible within 48 hours.

- TCCOR 3: all designated employees that have been selected during the planning stage must report to work to secure the facility and work place.

TCCOR 2: Destructive winds are possible within 24 hours.

- TCCOR 2: all employees must secure the facility and work place to leave as soon as possible.

AFTER:

- TCCOR 3 it is all employees' responsibility to contact management in regards to when you will be able to return to work for restoration of the facility ASAP.
- TCCOR 4 all employees must report to work for the full restoration of the facility and work place as needed.
- ALL CLEAR: all employees shall resume their normal work schedule.

BMP for BIKINI ISLAND CLUB

"I certify under a penalty of law that this document and all attachments were prepared under my direction to develop a system designed to ensure proper maintenance and up keep of Bikini Island clubs recreational Hut, Swing picnic table . I will be responsible for the implementation of the program and am aware that there are significant penalties for failure to adhere to the attached plan . Furthermore, I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Signature  Date 7-26-2019

Name Richard J. Bae Title CEO

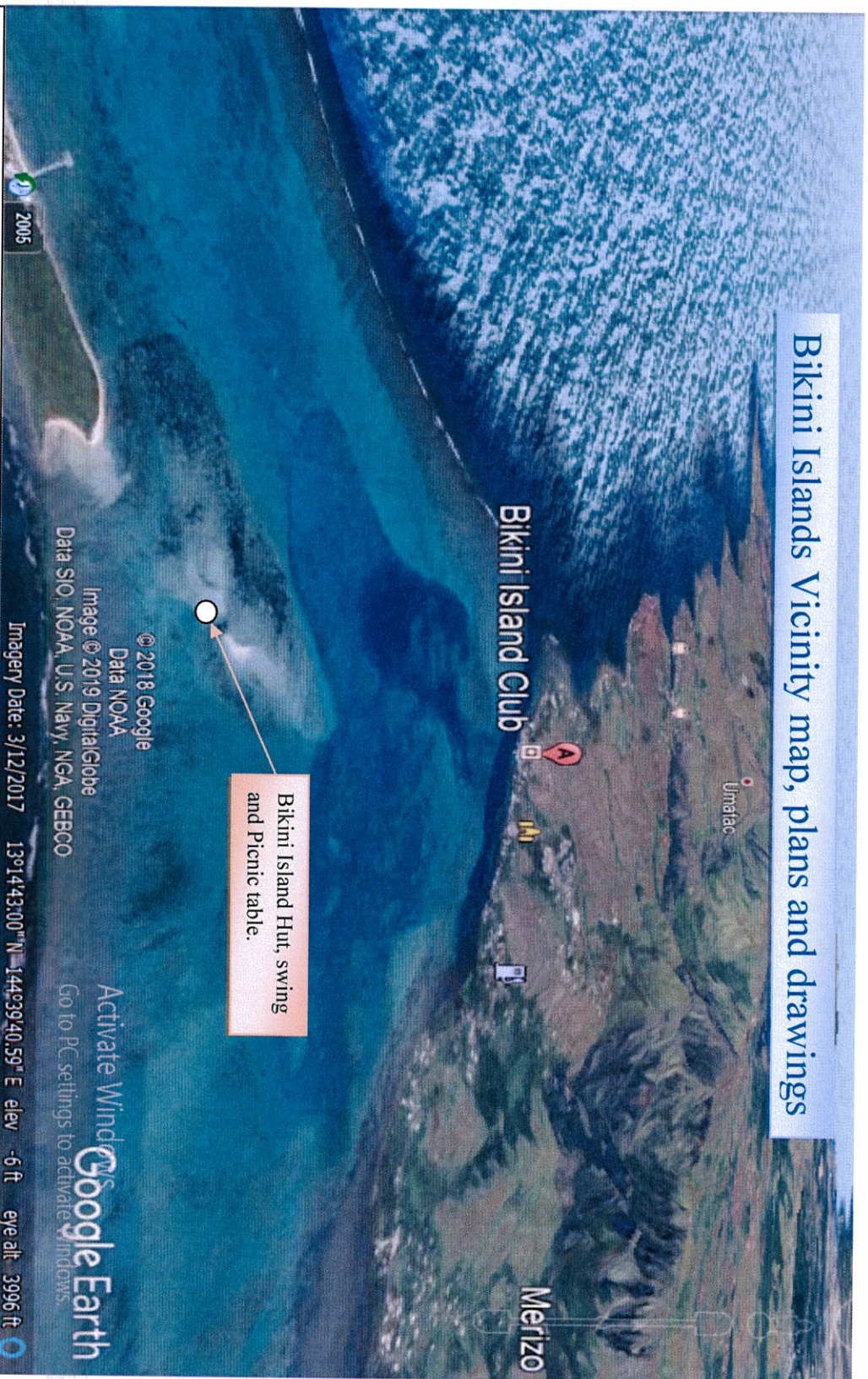
Company Dan's Marine Resort/Bikini Island Club Business Phone No. 671-828-8889/90

448 Chalan Kanton Tasi Merizo Gu. 96916 671-688-2065

Address _____ Emergency Phone No. _____

Drawing and Vicinity Map For
Bikini Island Hut Project

Bikini Islands Vicinity map, plans and drawings



REFERENCE:

APPLICANT: RICHARD J. BAE

LOCATION: COCOS LAGOON

PROPOSED PROJECT: BIKINI HUT, SWING AND PICNIC TABLE

LOT/LONG: 13 DEGREE E 144 DEG

Page #1 of 8

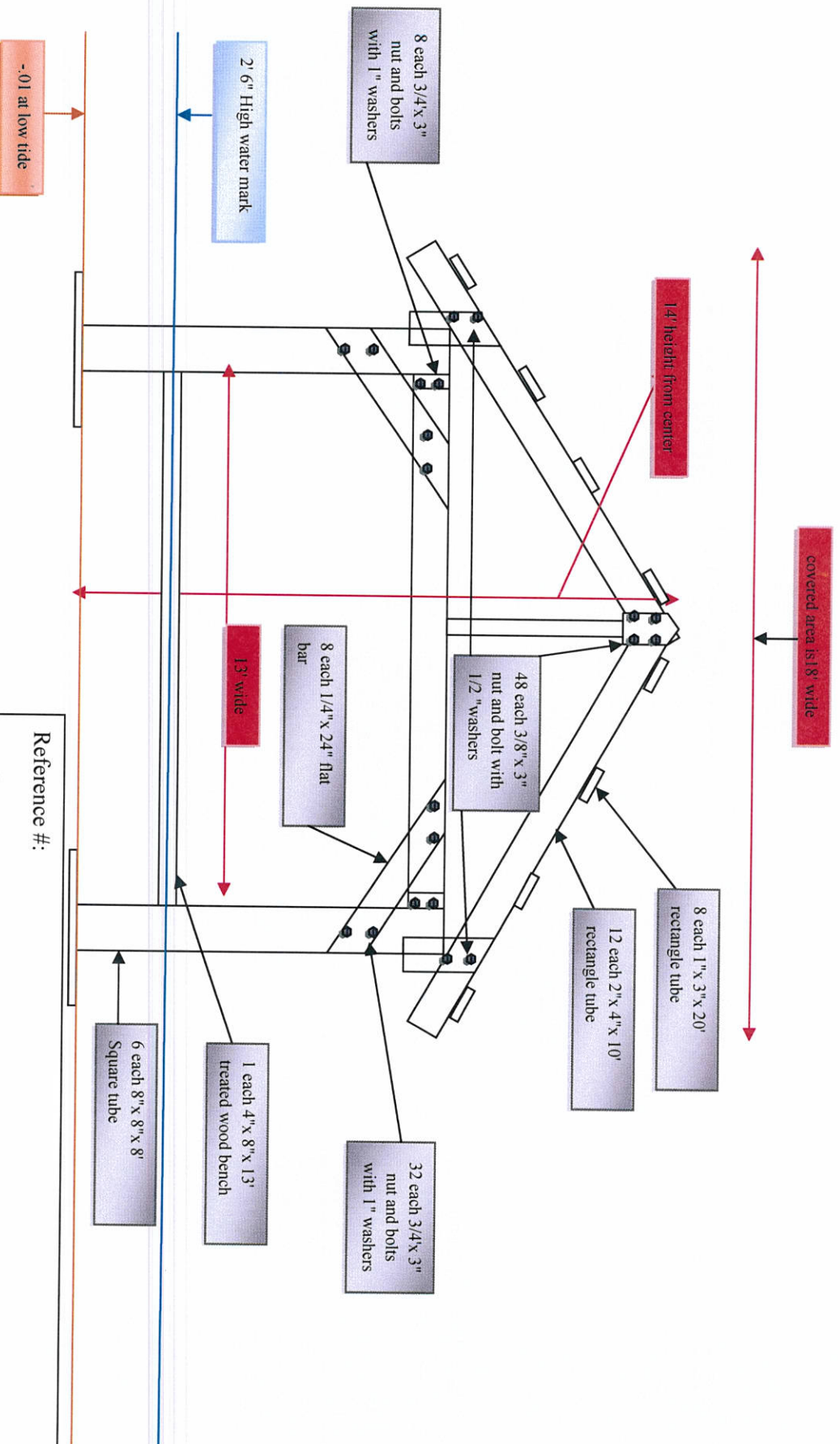
IN: COCOS LAGOON

NEAR/AT: MERIZO

STATE: GUAM USA

Bikini Island Hut

Front and Rear View



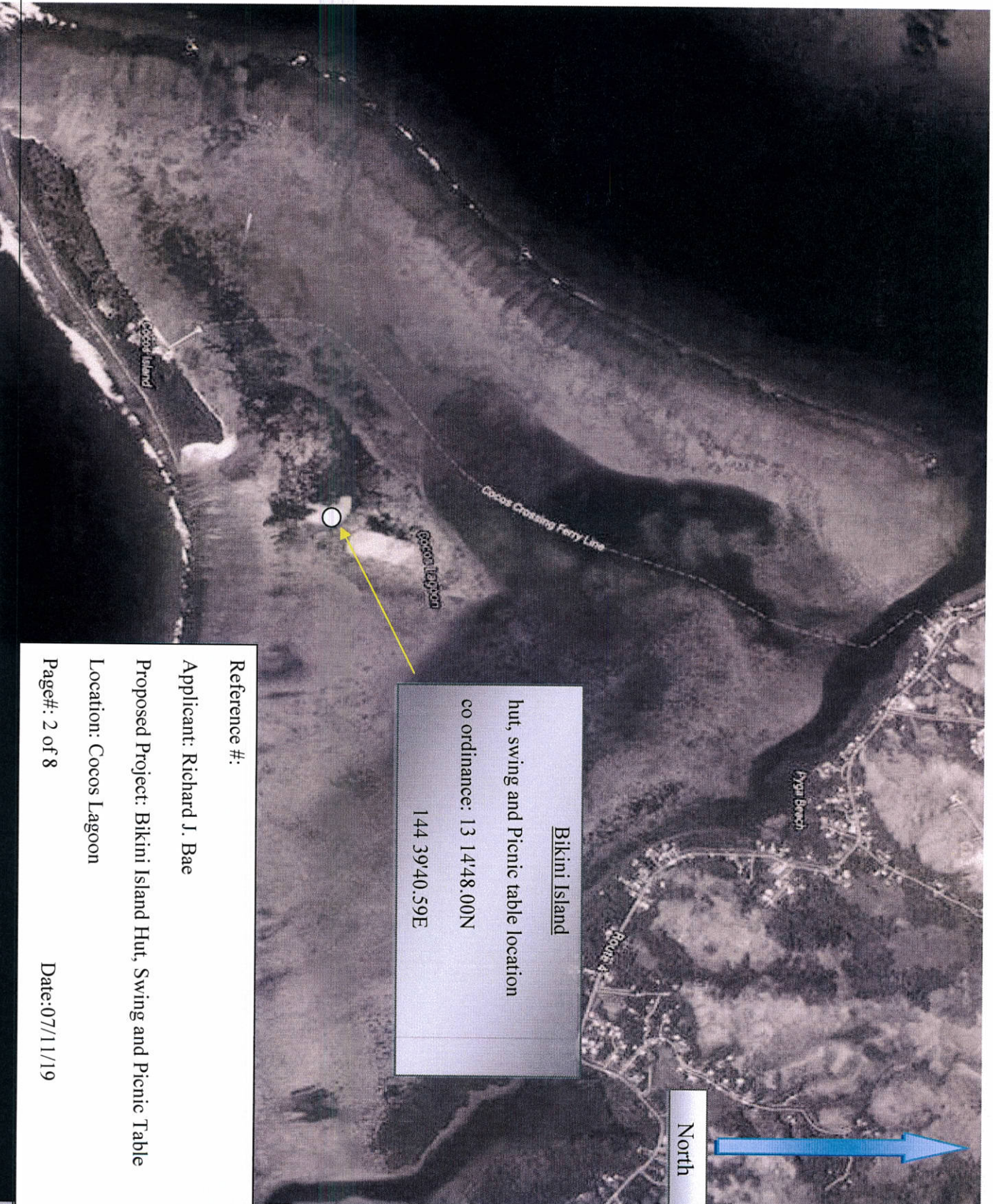
Reference #:

Applicant: Richard J. Bae

Proposed Project: Bikini Island Hut, Swing and Picnic Table

Location: Cocos Lagoon

VICINITY MAP



Reference #:

Applicant: Richard J. Bae

Proposed Project: Bikini Island Hut, Swing and Picnic Table

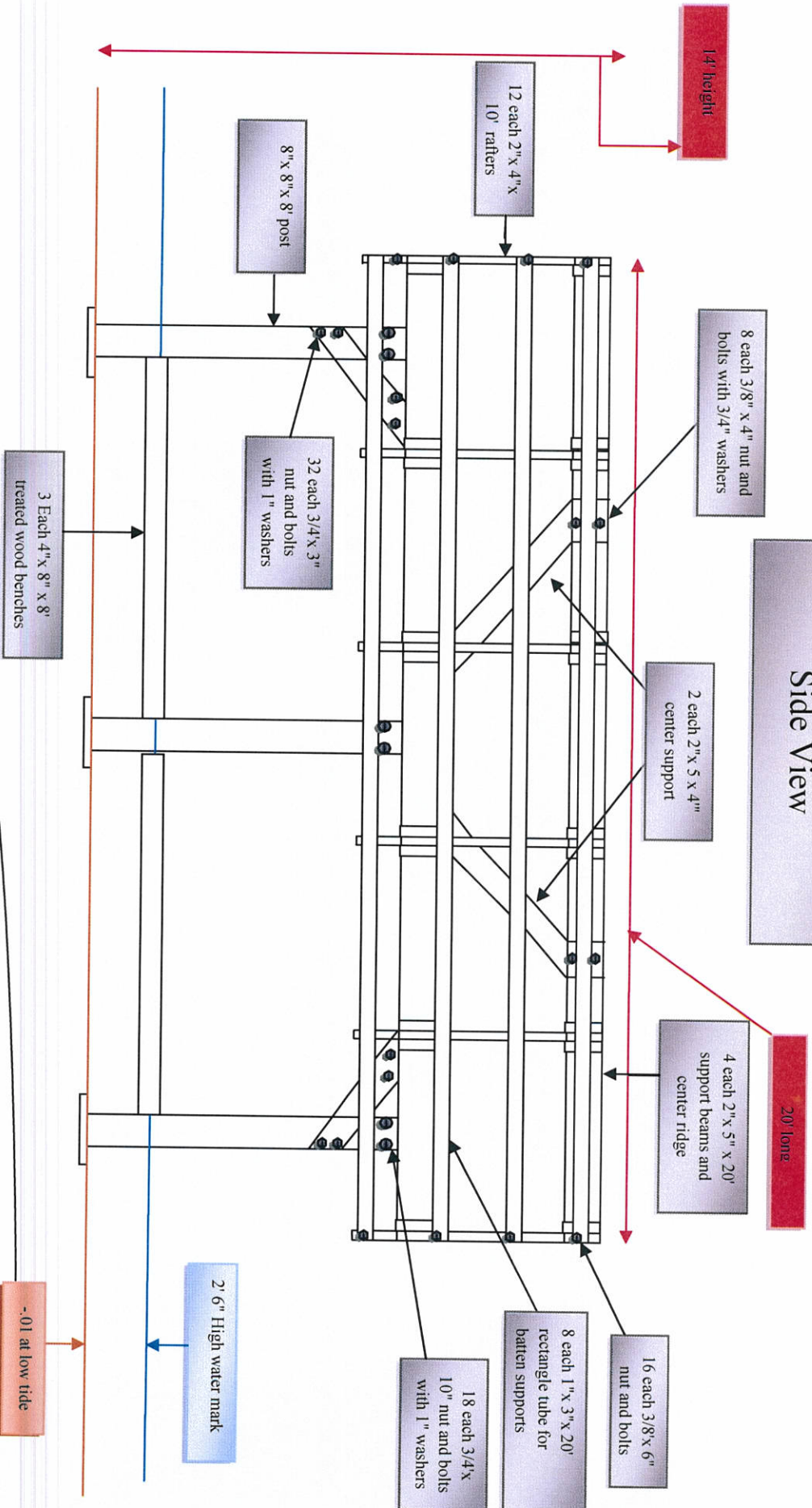
Location: Cocos Lagoon

Page#: 2 of 8

Date:07/11/19

Bikini Island Hut

Side View



Reference #:

Applicant: Richard J. Bae

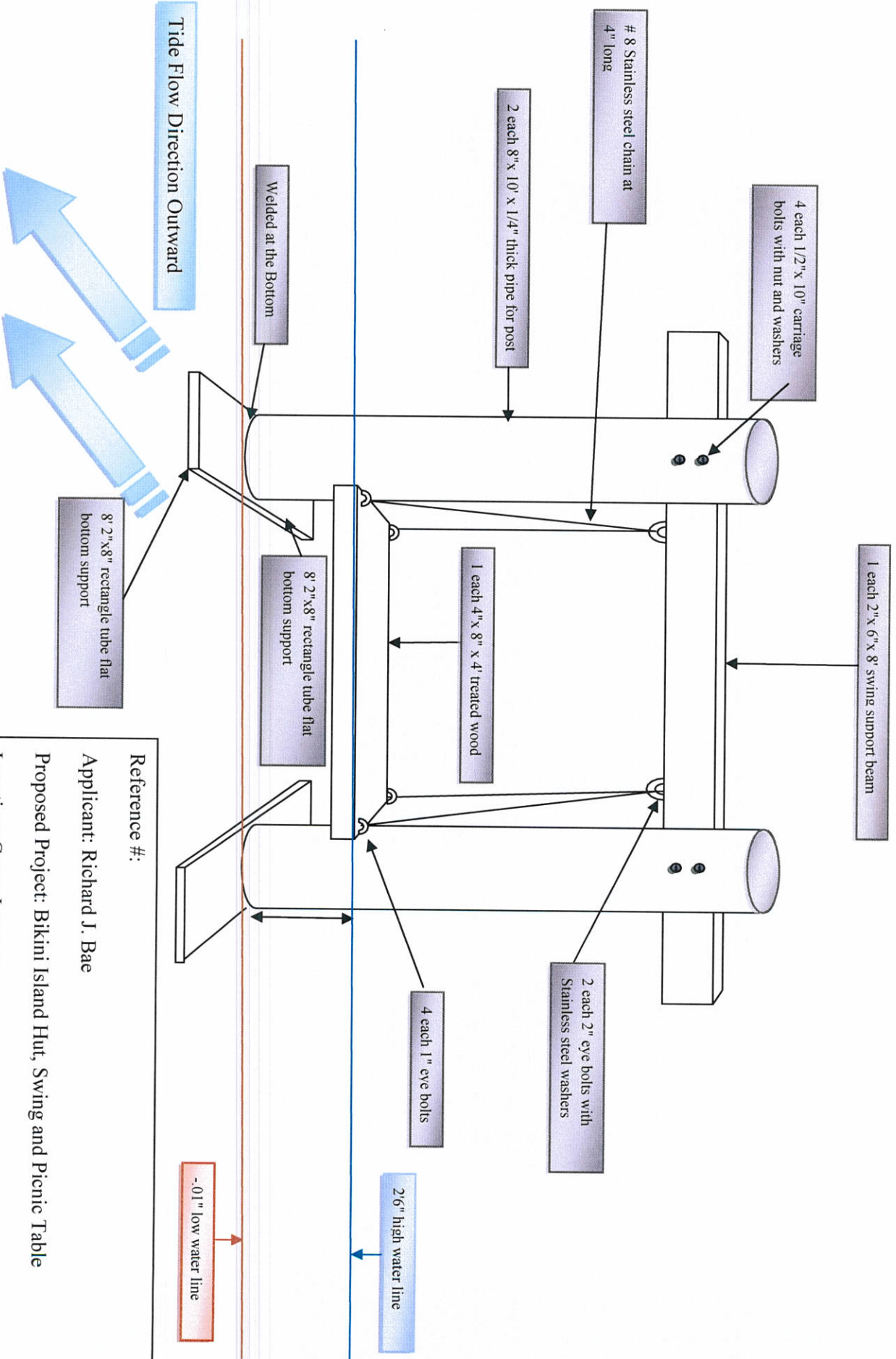
Proposed Project: Bikini Island Hut, Swing and Picnic Table

Location: Cocos Lagoon

Page#: 4 of 8

Date: 07/11/19

Bikini Island Photo Shot Swing



Reference #:

Applicant: Richard J. Bae

Proposed Project: Bikini Island Hut, Swing and Picnic Table

Location: Cocos Lagoon

Page#: 5 of 8

Date: 07/11/19

Bikini Island Picnic Table

Front View

Side View

6' wide

8 each 1" x 1" @ 36" long square tube

10' long

2" x 2" square tube at 84" long

2 each 1/4" x 12" triangle plate bolted

1" x 1" square tube @ 26"

84" height

8 each 1" x 1" @ 10' long square tube

30 each 1" x 4" wood planks @ 37"

3/4" plywood @ 36" x 8' long table top

2 each 4" x 4" x 8' long bench seat

High water mark at 2' 6"

4 each 3" x 3" square tube @ 42" height

Low water line at - .01 tide

4 each 4" x 4" x 1/4" flat bar

2" x 2" square tube @ 116" long

2" x 2" angle bar @ 24" long x 26" wide

2" x 2" angle bar @ 6" long

Tide Flow Direction Outward

Reference #:

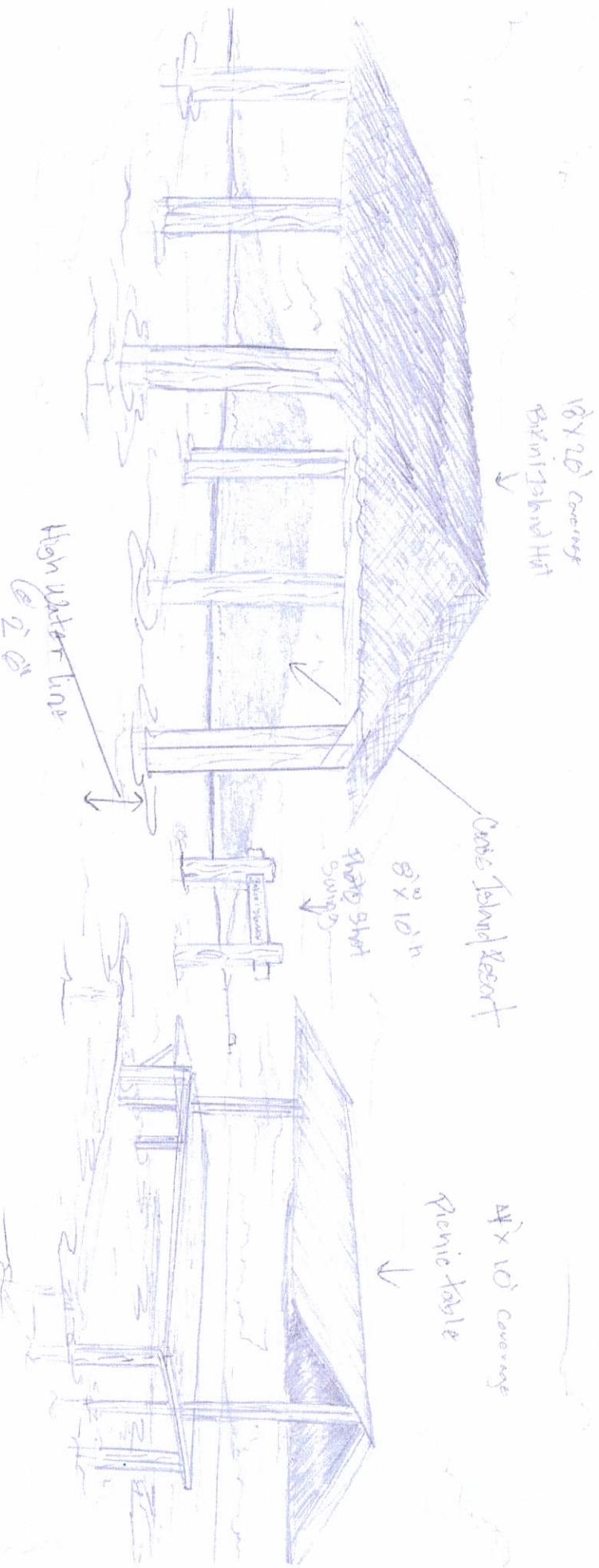
Applicant: Richard J. Bae

Proposed Project: Bikini Island Hut, Swing and Picnic Table

Location: Cocos Lagoon

Page#: 6 of 8

Date:07/11/19



Reference #:

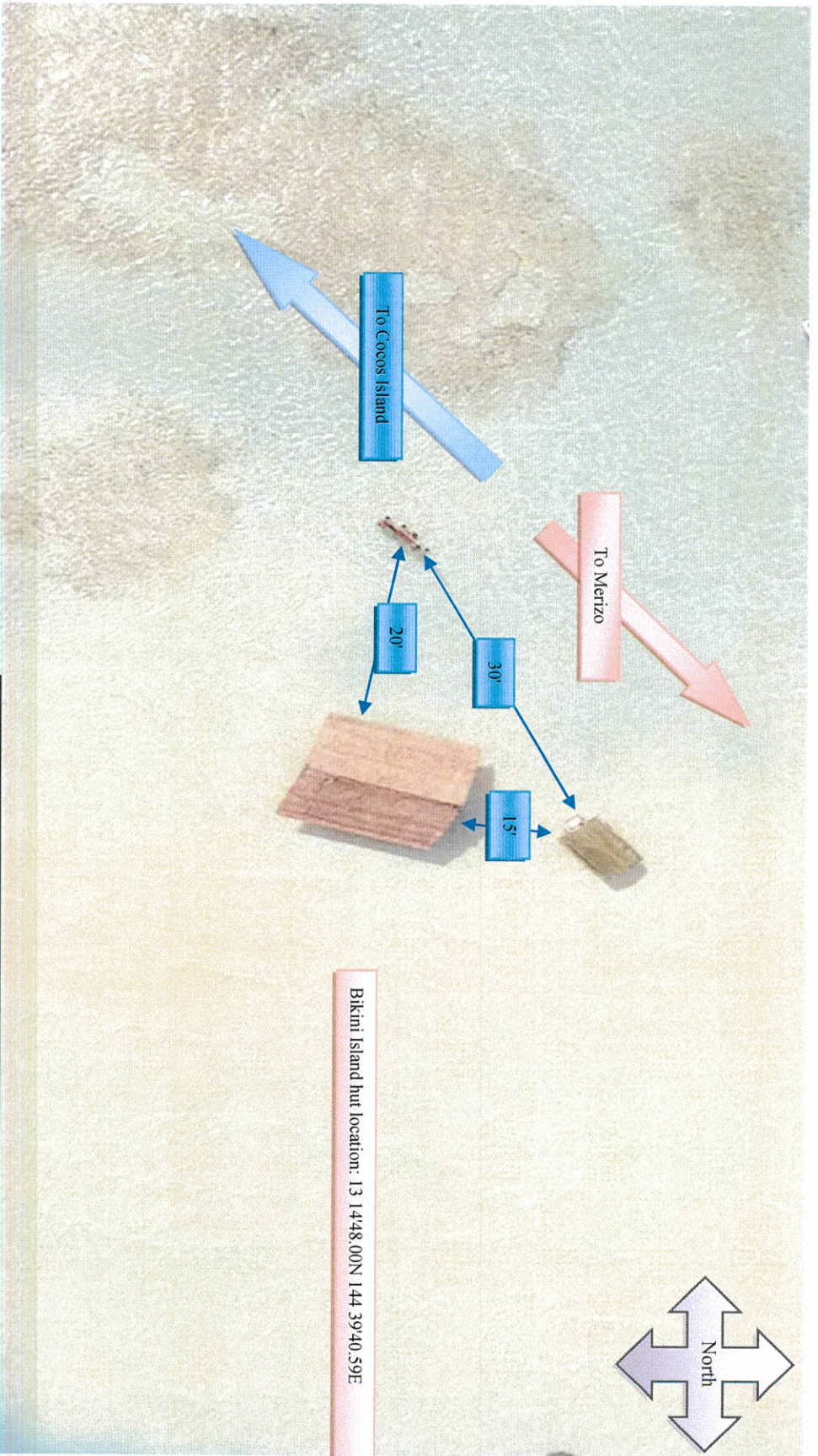
Applicant: Richard J. Bae

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Location: Cocos Lagoon

Page#: 7 of 8

Date: 07/11/19



Reference #:

Applicant: Richard J. Bae

Proposed Project: Bikini Island Hut, Swing and Picnic Table

Location: Cocos Lagoon

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Date: 07/11/19

Bikini Island description and materials

Description:

- 1 each 18'x 20' Thatched roof hut
- 1 each 8' x 10' photo shot swing
- 1 each 6'x 10' covered picnic table

Materials:

Bikini Island Hut,

- 2 each 8"x 8" x 20' galvanize square tubing for post.
- 16 each 2"x 4"x 20" galvanize rectangle tubing for center ridge, cross beams and rafters.
- 1 each 4"x 1/2"x 20' galvanize flat bar for corner support brace.
- 8 each 4"x 1"x 20" galvanize rectangle tube for batten supports.
- 50 each 3"x 3/8 galvanize nuts and bolts for rafters.
- 8 each 4"x 3/8 galvanize nuts and bolts for center supports.
- 18 each 10"x 3/4" galvanize carriage bolts with nuts and washers post and beams.
- 32 each 3"x 3/4" galvanize nuts and bolts with washers for the corner support brace.
- 2 each 4"x 8"x 20' treated wood for side benches
- 1 each 2"x 2" x 10' galvanize angle bar bench support fasteners.
- 18 each 4' x 8' with 2" square lattice to tie down the thatched palm leaves
- 200 each bungee cords to hold down the plastic lattice for the palm leaves.
- 2 each 4'x 60' rolls of thatched Mexican palm leaves for covering
- 1 each 20' x 20' 4" hole tuna net to prevent the palm leave from lifting.

Photo shot swing,

- 1 each 8"x 20' x 1/4 thick galvanize pipe divided in half for each post.
- 1 each 2"x 8"x 10' galvanize rectangle tube for top swing support beam
- 2 each 3"x 3" eyebolts and 4 1"x 1" eyebolts with 16' of 1"1/2 stainless steel chain to secure the wood swing.

- 4 each 1/2"x 10" nuts and bolts to secure the swing support to the post.
- 1 each 4"x 8"x 4' treated wood for photo shot bench

Covered picnic table,

- 15 each 1"x 4"x 10' treated pine wood covered top
- 2 each 4"x 4" x 20' treated wood for bench top
- 6 each 1"x 1" square tube for top frame work covering and side table support
- 1 each 2"x 2" square tube for center support of the top covering.
- 1 each 3"x 3"x 20' square tubing for leg support.
- 2 each 2"x 2" x 20' angle bar for

Bikini Island Hut Project BA

BIKINI ISLAND HUT, SWING AND PICNIC TABLE
AREA # 3 SAND BAR BIOLOGICAL ASSESSMENT

Coco's lagoon Merizo, Guam

Contact Person: Richard J. Bae

Phone Number: (672)828-8889/90

Introduction

The purpose of this biological assessment is to review and insure that the Bikini Island's recreational hut, swing and picnic table project will post no threat to any of Guam's endangered species, habitat and its surrounding environment. Also determine whether the proposed action may affect any of the threatened, endangered, proposed.

- **T - Threatened**
- **E - Endangered**
- **PT - Proposed Threatened**
- **PET - Proposed Endangered Species**

Candidate Fish Species

- Yellow crowned butterfly fish (*Chaetodon flavocornatus*) **PT**
- Bump Head (*Belometopon Muricatum*) **PT**
- Camouflage Grouper (*Epinephelakadon*) **PT**

Sensitive Species and Species of Concern

- Green Turtle (*Chelonia mydas*) **T**

Types of Coral species present within the lagoon

- Stony Hard corals (*Scleractinians*)
- Internal Skeleton corals (*Octocorallia*)

Current Management Direction

1. Bikini Island Club goals and direction towards building this temporary hut, swing and picnic table is to provide a recreational facility out at Bikini Island sand bar for our visitors and our local island communities to enjoy the comfort and relaxation and share the experience of being out on the beautiful coco's lagoon. As a part of being able to provide a shelter, shade and a small swing for photo shot with a picnic table to allow for our visitors and locals to enjoy. Bikini Island Club and its management team will assume full responsibility for the maintenance and up keeping of this project site location.
2. Bikini Island club shall submit a site plan along with drawing and materials used to build this structure along with a (BMP) that implements maintaining, up keeping and record keeping of all preventive maintenance work. As a Part of the BMP Bikini island have included a storm management plan that will ensure the proper procedures are in place to be able to determine the proper steps towards preparation and planning of any tropical storms or Typhoons.
3. Bikini Island Club shall monitor and record all activity on a daily bases on the daily logs and keep records for reviews on all incidents and or impact if any, and report to management immediately.
4. Bikini Island club shall submit this (BA) as required by USACE and our local regulators to ensure that this project will have no adverse effect towards the marine life and its surrounding environment.

Description of the Proposed Action

1. Bikini island club has built a temporary hut swing and picnic table out of galvanized metal, wood and palm leaves. the entire structure is bolted together with various sizes of nuts and bolt and can be fully disassembled.
2. Bikini Island hut project is located in the Coco's lagoon in the southernmost tip of Guam. please see Attachment (A) that shows location and distance to Bikini island Club house and Coco's Pier.
3. When the work was conducted (Start time and end dates). The work commenced on October 15th and was completed on October 21, 2018, The assembly was completed in less than 48 hours.
4. The types of equipment used and how the structures were installed. The use of box wrenches and 18 volt cordless impact driver were used during the assembly. The structure was assembled by use of man power and a couple of ladders.

5. The dimensions of each of the three structures (Length, Width, and height) and the material used to build the structure, and the approximate weight of each structure. The following dimension are as followed for the Thatched roof pavilion 18' x 20' x 12' and weights around 4,500 lbs, photo shot swing is 8' wide by 10' high and has a 5' flat bottom base to prevent from sinking and weights around 2,500 lbs and the picnic table is 8' x 4' x 6' and weights around 1,000 lbs. The entire structure was fabricated out of galvanize square and round tubing at our work shop and brought out to Bikini island via boat to the sand bar. The structure was designed to be completely bolted together with # 6 nuts and 1/2" to 5/8" bolts

Effect to the surrounding and its species

1. Bikini island hut project post no threat to the surrounding environment due to the design build of the structure. The structures were assemble in stages and were bolted together with nuts and bolts. There has been no demolition, digging, or dredging. the structure is place in position at the highest point of the sand bar that during the lowest tide the structure is only about 6 to 8 inches above the lowest tide water line which is around a negative 0.10 feet. Bikini island sand bar is approximately 9,571.71 sq meters of which the bikini island hut swing and picnic table only occupies approximately 50 square meters. Please Attachment (B) indicating the area circumference in square meters.
2. Typical species within the vicinity outward of the shallow within the surrounding coral heads
 - a) Green sea
 - b) Sting rays
 - c) trigger fishes
 - d) damsel
 - e) wrasse
 - f) tangs
 - g) butterfly fishes
 - h) blue and silver skip jacks
 - i) small honeycomb grouper
3. Please see Attachment (C) site map showing the nearest coral head, patches and reefs

Habitat location

1. Closes habitat is the nearest coral head being approximately 90 feet away for the Bikini Island structure and the nearest coral patch being approximately 964.50 feet and the nearest coral reef at approximately about 1,666.84 feet. please see Attachment (B)

List of Contacts

- | | | |
|-------------------|-----------------|------------------|
| • Richard J. Bae | OWNER/ CEO | Ph# 671-828-8889 |
| • Michael Q. Cruz | General Manager | Ph# 671-686-4409 |

Prepared By

- Michael Q. Cruz

Maps

- | | |
|------------------|---|
| • Attachment (A) | Distance from Bikini Club house and Coco's pier |
| • Attachment (B) | Area in square feet |
| • Attachment (C) | Distance to nearest coral head, patch and reef |
| • Attachment (D) | Site Map and co-ordinance |
| • Attachment (E) | Drawing |
| • Attachment (F) | Photo |

Attachment (A)

DISTANCE FROM BIKINI ISLAND CLUB HOUSE AND COCOS PIER

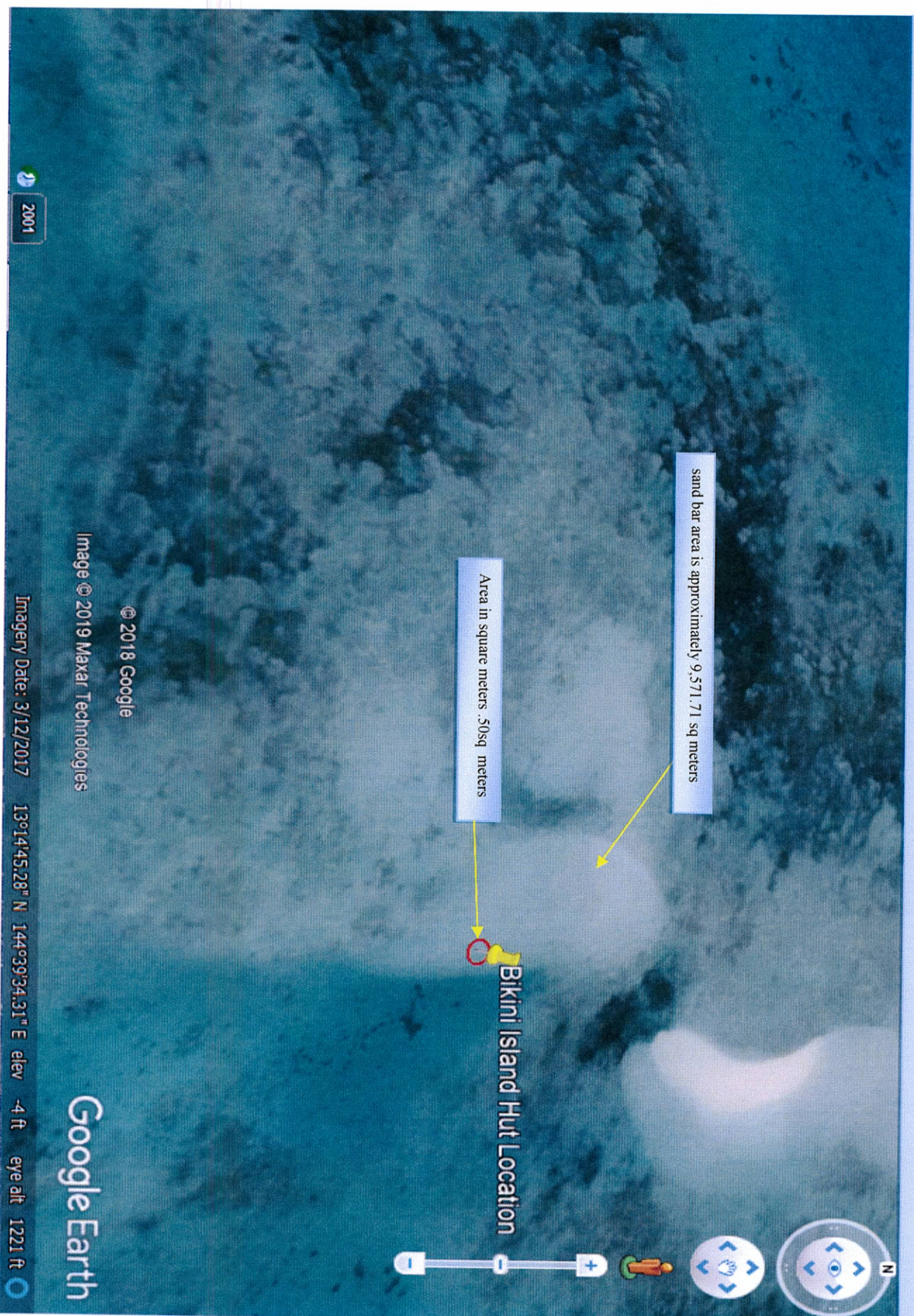


ATTACHMENT (F) PHOTO



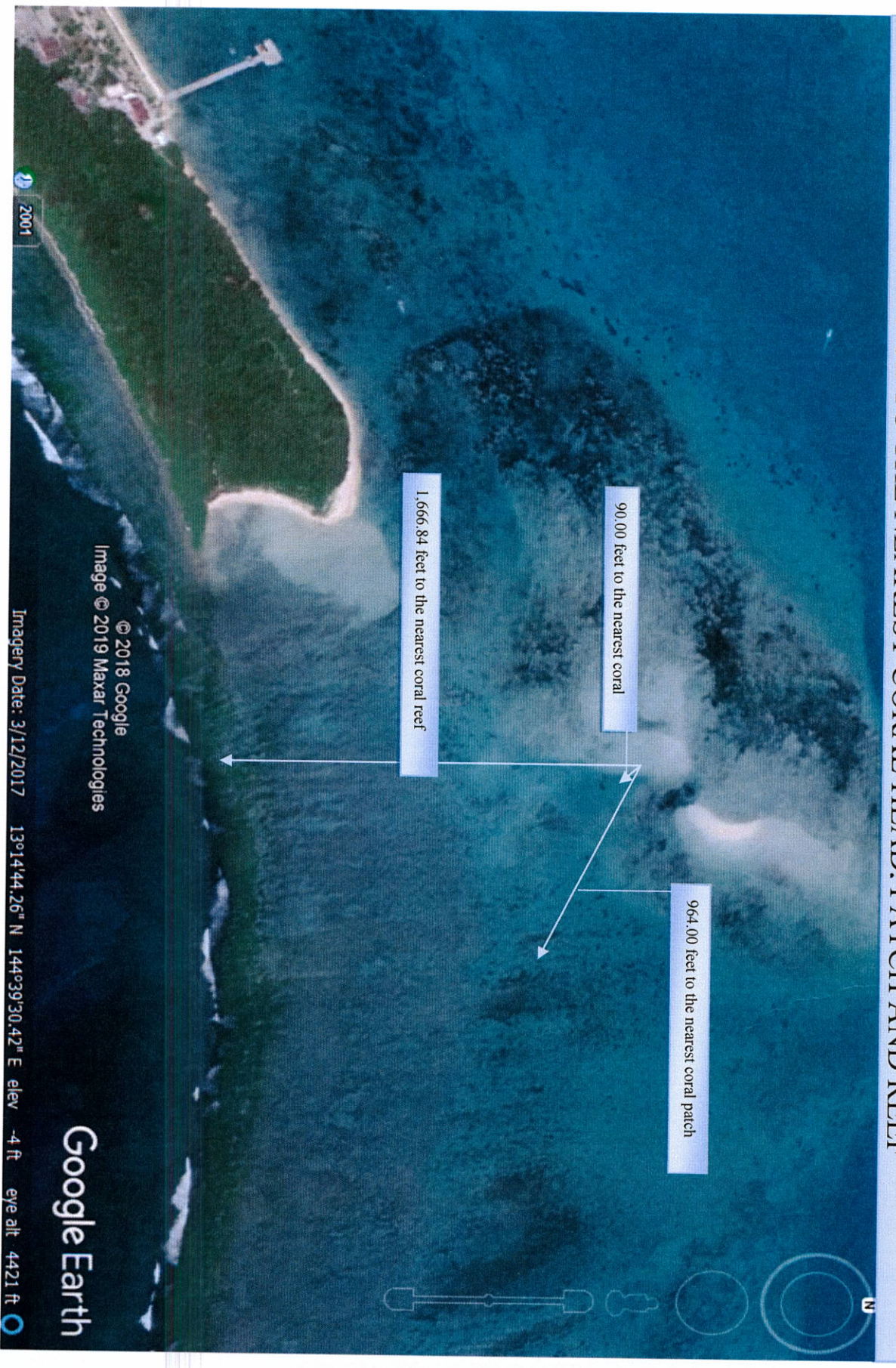
Attachment (B)

AREA IN SQUARE FEET

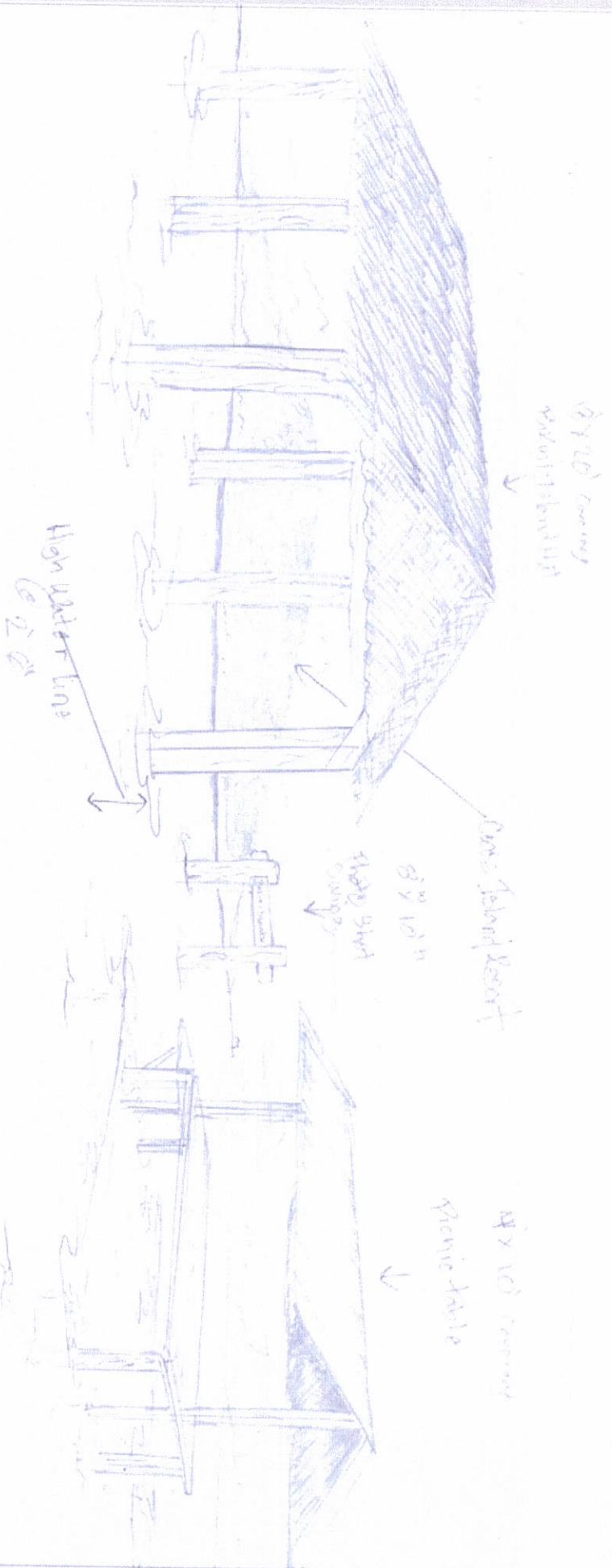


Attachment (C)

DISTANCE TO THE NEAREST CORAL HEAD. PATCH AND REEF



ATTACHMENT (E) DRAWING



ATTACHMENT(D) SITE MAP & CO-ORDINANCE

