



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
P. O. BOX 4970
JACKSONVILLE, FLORIDA 32201

B. Fields
Groin
Microfilm

IN REPLY
REFER TO: SAJSP Permits (65-501)

29 March 1967

Colony Beach Club Resort
c/o Mr. John A. Murphy
304 Gershwin Drive
Sarasota, Florida 33580

Enclosure:

In accordance with your written request dated 31 October 1966 the revised plans shown on drawing, in 3 sheets, hereto attached, are approved to supplement the plans for the works authorized by the Secretary of the Army in letter dated 19 November 1965 from the District Engineer at Jacksonville, Florida, and modified 24 June 1966 to construct 3 groins in the Gulf of Mexico at your property in Government Lot 4, in Section 17, Twp. 36 S., Rge. 17 E., on Longboat Key, in Sarasota County, Florida. The revised plans provide for constructing a 120-foot extension to the seaward end of the center groin in accordance with attached plans.

The conditions to which the work is made subject remain in full force and effect, except that the permit is specifically extended to 31 December 1970.

BY AUTHORITY OF THE SECRETARY OF THE ARMY:

1 Incl
Print, in 3 sheets, marked:
Proposed Permeable Concrete Groin

Keith M. Bartolucci
R. P. TARB
Colonel, Corps of Engineers
District Engineer

THE FIELDS'

Corony Beach Club

P.O. BOX 3949 SARASOTA, FLORIDA 33578
TELEPHONE 813-388-3681

Keep

February 14, 1967

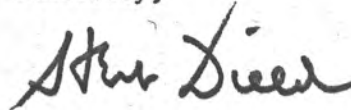
Mr. Mike Klemmer
607 Mecca Drive
Sarasota, Florida

Dear Mike:

I want you to know that we are most enthusiastic about the Makepeace Wood groin - that the results have been fantastically good - and that we are planning on going ahead with our contract with you to add an additional 120 feet to the present groin.

I have been studying the erosion situation here on the West Coast of Florida for some sixteen years, and I have never seen any other type of groin that will work as effectively, so I enthusiastically endorse the installation of Mr. Wood's groin on Longboat Key.

Sincerely,



HERBERT P. FIELD
HPF:mj

February 14, 1967

Mr. A.L. McKnight, Chief
Operations Division,
U.S. Army Corps of Engineers
P.O. Box 4970
Jacksonville, Florida 32201

Re: SAJSP Permits (65-501)

Dear Mr. McKnight:

Reference is made to your letter dated February 10, 1967 relevant to the modification of a permit granted to Mr. John A. Murphy in behalf of Colony Beach Resort to construct a Makepeace Wood type of groin.

The modification is in accordance with the Master Beach Erosion Plan of the Town of Longboat Key and no objection is offered.

Sincerely yours,
TOWN OF LONGBOAT KEY

G.M. Lanier
Town Manager

GML/adl



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
P. O. BOX 4970
JACKSONVILLE, FLORIDA 32201

File
H.P. Field

IN REPLY
REFER TO: SAJSP Permits (65-501)

10 February 1967

Mr. C. H. Lanier, Town Manager
Town of Longboat Key
Longboat Key, Florida

Dear Mr. Lanier:

Inclosed is a copy of application for modification of Department of the Army permit dated 31 October 1966 from Mr. John A. Murphy, in behalf of Colony Beach Resort, with inclosures.

Prior to final action on this application, information would be appreciated as to whether or not the extension to the groin is in accordance with the master plan of the Town of Longboat Key for gulf beach protection.

Sincerely yours,

A. L. McKnight
A. L. McKNIGHT
Chief, Operations Division

1 Incl
Cy ltr 10-31-66
w/prt in 3 sheets

10/31/66

VERY TRULY YOURS,

John A. Murphy
JOHN A. MURPHY



ARVIDA CORP.
PARCEL 101

U.S. GOV'T. LOT 2
U.S. GOV'T. LOT 4

ARVIDA CORP.
PARCEL 400

LANDS OF
HERBERT P. FIELD
PARCEL 402
PARCEL 404

COLONY BEACH RESORT

ARVIDA CORP.
PARCEL 400

LEROY FENNE
PARCEL 401

ARVIDA
CORP.
PARCEL
400

SOUNDINGS IN FEET
AT MLW -0.0
MHW +1.7

APPLICANT - COLONY BEACH RESORT
ATTENTION: MR. HERBERT P. FIELD
1620 GULF OF MEXICO DRIVE
SARASOTA, FLORIDA.

ADJACENT PROPERTY OWNERS - ARVIDA CORPORATION
ATTN. CONTROLLERS OFFICE
1501 FIRST NATIONAL BANK BUILDING
MIAMI, FLORIDA.

LE ROY FENNE
467 MEADOW LARK DRIVE
SARASOTA, FLORIDA.



John A. Murphy
7/23/1965
2/4/1966

PERMEABLE CONCRETE GROIN FOR SHORE EROSION CONTROL
BY MAKEPEACE WOOD, INC. P.O. BOX 596 SARASOTA, FLORIDA
COPYRIGHT RESERVED - PATENT PENDING

PROPOSED PERMEABLE CONCRETE GROIN
IN THE GULF OF MEXICO - TOWN OF LONGBOAT KEY
SARASOTA COUNTY FLORIDA

APPLICANT - COLONY BEACH RESORT
HERBERT P. FIELD - OWNER

PREPARED BY - JOHN A. MURPHY
CONSULTING CIVIL ENGINEER
JULY 23 1965 FLORIDA CERTIFICATE 4877

YARDS
1000 0 1000 20

LOCATION
MAP

1" = 200'

SCALE IN FEET
300 200 100 0 200

VICINITY MAP

SEC. 21-36-17

SEC. 17-36-17
SEC. 16-36-17

1000'

OF THIS APPLICATION - 7

GULF

MEXICO

GULF

BUTTONWOOD
HARBOR

SARASOTA

BISHOPS PT.

LONGBOAT

MEXICO

KEY

DRIVE

TO SARASOTA

TO ANNA MARIA

625'

15

2

7

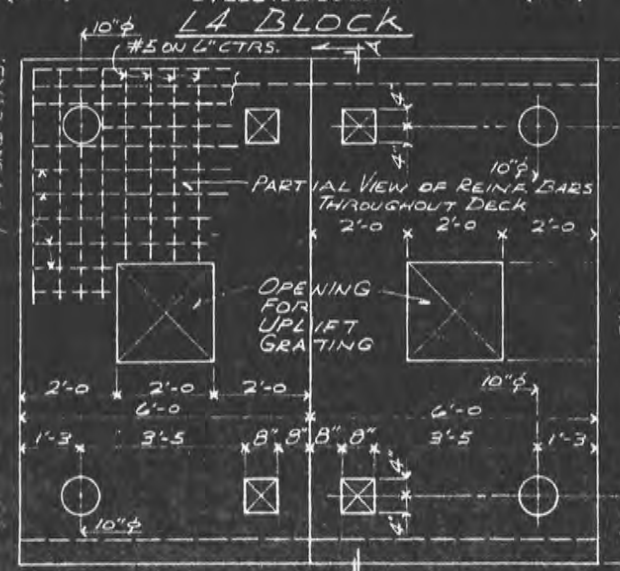
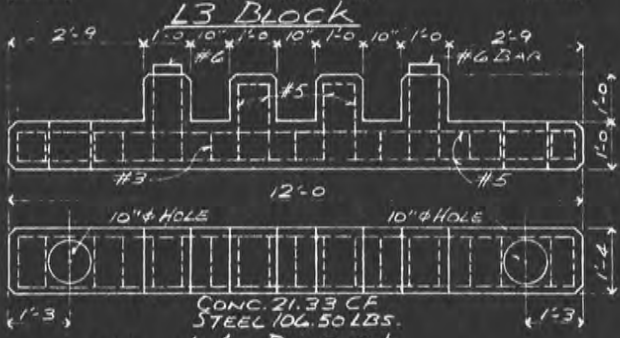
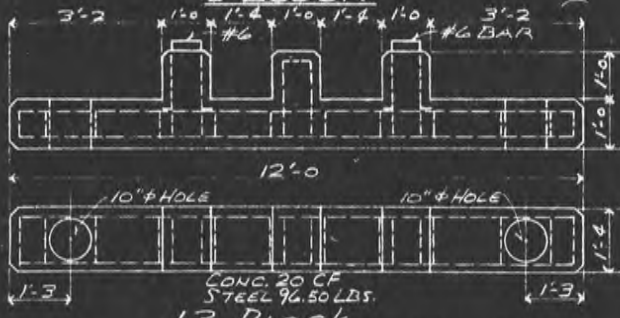
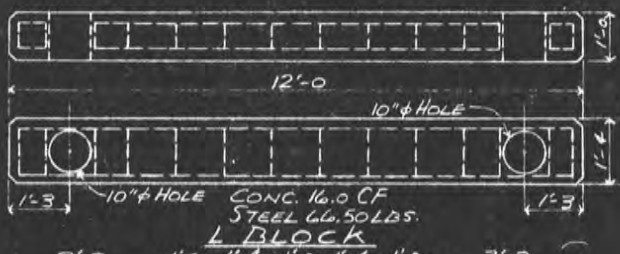
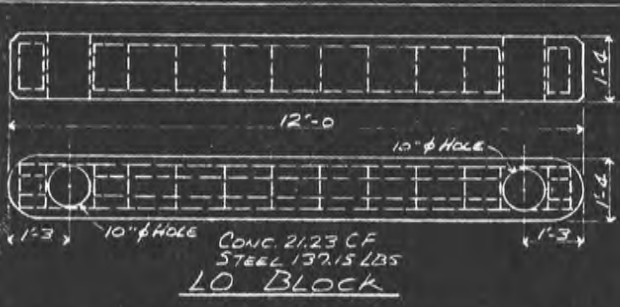
5

3

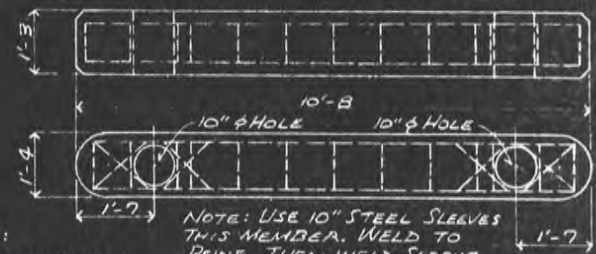
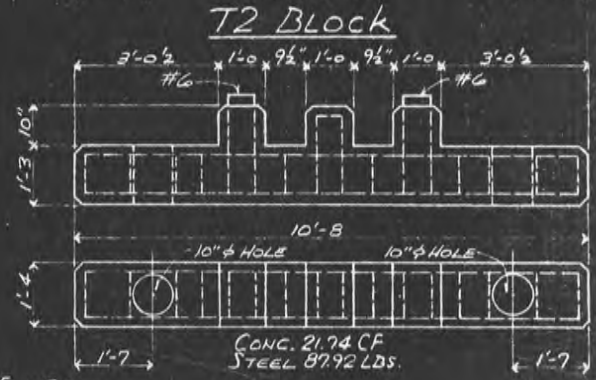
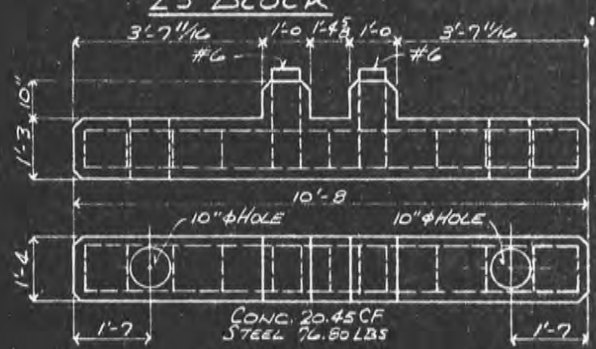
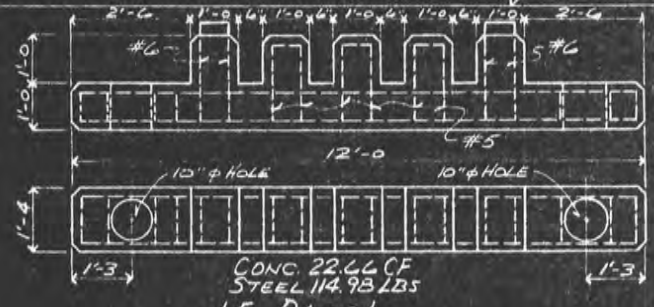
17

15

2



PILING DETAILS



NOTE: USE 10" STEEL SLEEVES THIS MEMBER. WELD TO REINF. THEN WELD SLEEVE TO PILING.

SPECIFICATIONS:

CONCRETE-PORTLAND CEMENT TYPE II.
CRUSHING STRENGTH-4000 PSI @ 28 DAYS
REINFORCING: INTERMED. GRADE STEEL COVER 3" FROM SURFACES.
ALL BARS #5 UNLESS NOTED.
STIRRUPS #3 BARS
STIRRUP SPACING VARIES AS SHOWN.

PROPOSED PERMEABLE CONCRETE PIER/ GROUT
BY MAKEPEACE WOOD INC.
Box 596 SARASOTA-FLORIDA

STANDARD PILING, BEAM AND DECK DETAILS

PREPARED BY JOHN A. MURPHY
CONSULTING CIVIL ENGINEER
304 GERSHWIN DRIVE
SARASOTA-FLORIDA

JAN 19 1966
John A. Murphy



DETAIL OF CONCRETE DECK SHOWING R AND L

*File -
Filed*

SAJSP Permits (65-501)

10 February 1967

Mr. W. T. Carlton
Division of Beaches and Shores
Florida Board of Conservation
107 West Gaines Street
Tallahassee, Florida 32301

Dear Mr. Carlton:

Inclosed is a copy of application for a modification of Department of the Army permit dated 31 October 1966 from Mr. John A. Murphy, in behalf of Colony Beach Resort, with inclosures.

There are no objections to the proposed work insofar as navigation is concerned and we propose to issue a modified permit without public notice on or about 20 February 1967 unless your agency or the Town of Longboat Key should object.

Sincerely yours,

1 Incl

Cy ltr dtd 31 Oct 66 and
print in 3 sheets

A. L. McKNIGHT
Chief, Operations Division

✓ Copy to: (w/o incl)

Mr. G. M. Lanier, Town Manager
Town of Longboat Key

Office

TOWN OF LONGBOAT KEY,

FLORIDA

COASTAL CONSTRUCTION PERMIT AND AGREEMENT

No. ONE (1)

THIS PERMIT AND AGREEMENT, made and entered into this 24 day of NOVEMBER, 1965, between the TOWN OF LONGBOAT KEY, FLORIDA, hereinafter called the Board, party of the first part, and HERBERT P. FIELD
1620 GULF OF MEXICO DRIVE, SARASOTA, FLA.

hereinafter called the Permittee, party of the second part;

WITNESSETH: That for and in consideration of the payment of 45.00, and other good and valuable consideration, the Board does hereby grant the Permittee, under the provisions of Sections 161.05 and 161.06, Florida Statutes and LONGBOAT KEY Ordinance No. 105 and subject to the specific terms and conditions hereinafter set forth, the right to perform the work or activity described as follows: TO CONSTRUCT ONE SIDNEY MAKEPEACE WEEDS TYPE PERMEABLE CROIN INTO THE GULF OF MEXICO ADJACENT TO APPLICANT'S PROPERTY IN ACCORDANCE WITH PLANS SUBMITTED WITH APPLICATION.

upon the sovereignty lands of the State of Florida, below the mean high water line, at the following described location in SARASOTA County, Florida, to-wit:

SECTION 17, TOWNSHIP 36 S, RANGE 17 E.

The right to perform such work or activity is granted subject to the applicable provisions of law and the following terms and conditions:

- (1) The Permittee shall comply with any specific requirements imposed in this case by the Division of Beaches and Shores of the State Board of Conservation and the Town of Longboat Key, attached hereto and made a part of this permit and agreement.
- (2) The Permittee shall in no way obstruct or impair the use of the beach by the public in the area below the mean high water line, except to a minimum extent determined by the Division of Beaches and Shores to be unavoidable.

(3) The rights granted by this permit and agreement shall not be construed as a conveyance of title to or a waiver of rights in the sovereignty lands held by the Trustees of the Internal Improvement Fund and the State of Florida.

(4) The Permittee hereby agrees to hold and save the Florida Board of Conservation, the Trustees of the Internal Improvement Fund, the State of Florida, and the Town of Longboat Key harmless from any damage to persons or property which might result from the work of activity permitted hereunder.

(5) The Permittee agrees to adjust, alter or remove any structure or other physical evidence of the work or activity permitted hereunder, as directed by the Division of Beaches and Shores of the Florida Board of Conservation and the Town of Longboat Key, if in the opinion of the Board or the Town the structure, work or activity in question results in damage to surrounding property or otherwise proves to be undesirable or becomes unnecessary. Adjustment, alteration or removal required under this provision shall be accomplished by the Permittee at no cost to the State of Florida or the Town of Longboat Key. The decision of the Board as to whether adjustment, alteration or removal is required shall be final, and the Board shall set reasonable time limits within which adjustment, alteration or removal shall be accomplished.

(6) In the event the Permittee does not adjust, alter or remove the structures or other physical evidence of the work or activity permitted hereunder, at the Permittee's expense, after written notice by the Division of Beaches and Shores and an opportunity for the Permittee to be heard (request for such hearing must be filed by the Permittee with the Board within 15 days after such notice), adjustment, alteration or removal may be accomplished by the Board at its own expense, and the cost thereof shall become a lien upon the upland property of the Permittee.

(7) The Permittee agrees to provide the Board and the Town with an acceptable surety bond in the amount of THIRTEEN THOUSAND TWO HUNDRED Dollars (\$ 13,200.00), for such period or periods of time as may be required, to guarantee full compliance by the Permittee with the provisions, terms and conditions of this permit and agreement. Requirement for such bond may be waived, discontinued at any time, renewed for successive terms or kept in force perpetually, at the discretion of the Division of Beaches and Shores of the Florida Board of Conservation.

(8) When the project is completed the Permittee agrees to furnish certification by a professional engineer, registered in the State of Florida, that the project has been completed and is acceptable and satisfactory in accordance with the plans and specifications approved hereby.

(9) It is expressly understood that this permit and agreement does not relieve the Permittee of responsibility for compliance with permit requirements of the U.S. Army Corps of Engineers, the Division of Beaches and Shores, Florida State Conservation Department, and any applicable local laws and regulations.

EXECUTED IN DUPLICATE, each of the parties hereto retaining an original copy hereof.

IN WITNESS WHEREOF, the Town Manager has set his hand, and _____

_____ has
caused these presents to be duly executed on the date first
above written.

 (SEAL)
Town Manager

Florida



Board of Conservation

107 WEST GAINES STREET • TALLAHASSEE 32304

November 30, 1966

HAYDON BURNS, Governor

TOM ADAMS, Secretary of State

EARL FAIRCLOTH, Attorney General

~~XXXXXXXXXXXXXXXXXXXX~~

BROWARD WILLIAMS, Treasurer

~~XXXXXXXXXXXXXXXXXXXX~~
Public Instruction

DOYLE CONNER, Commissioner of Agriculture

FRED O. DICKINSON, JR., Comptroller

FLOYD T. CHRISTIAN, Superintendent of
Public Instruction

Mr. G. M. Lanier
Town Manager
Town of Longboat Key
Longboat Key, Florida

Dear Mr. Lanier:

On November 29, 1966 the Florida Board of Conservation approved the following item:

"Sarasota County: On November 16, 1965 the Board approved Coastal Construction Permit DBS 65-76 for Mr. Herbert P. Field to construct a Sidney Makepeace Woods groin 120 feet into the Gulf of Mexico adjacent to his property on Longboat Key. Mr. Field has requested that this permit be amended to allow him to extend this structure an additional 120 feet. Since the original structure has not adversely affected adjacent shorelines and a surety bond guaranteeing removal of the structure, if necessary, is in hand, and no objections have been received from adjacent owners, it is recommended that this amendment be approved."

Rather than issuing a new Permit for the extension of this groin, I am enclosing a copy of this letter for attachment to Mr. Field's original Permit.

Please advise when this work has been completed.

Sincerely,

W. T. Carlton, Director
Division of Beaches and Shores

WTC:bb
Enclosure

office

TOWN OF LONGBOAT KEY,
FLORIDA
COASTAL CONSTRUCTION PERMIT

No. LK -6

Date December 1, 1966

In consideration of the payment of \$ 25.00, and other good and valuable consideration, the Town of Longboat Key does hereby grant this permit, under the provisions of Longboat Key Ordinance No. 105 to permit the work or activity described as follows: To extend one Sidney Makepeace Woods groin an additional 120 feet.

at the following described location in the Town of Longboat Key, Sarasota County, Florida, to-wit: Section 17
Township 36S, Range 17E
Local Address

This permit is issued subject to the following provisions:

1. The Permittee hereby agrees to abide by the provisions of State of Florida permit number DBS 65-76, dated November 16, 1965.
2. The Permittee hereby agrees to hold and save the Town of Longboat Key harmless from any damages to persons or property which might result from the work or activity permitted hereunder.
3. The Permittee hereby agrees to comply with any specific requirements imposed by the Town of Longboat Key, attached to and made a part of this permit.
4. It is expressly understood that this permit and agreement does not relieve the Permittee of responsibility for compliance with permit requirements of the U. S. Army Corps of Engineers and any applicable local laws and regulations.

Executed in duplicate, each of the parties hereto retaining a copy hereof.

IN WITNESS WHEREOF, the Town Manager has set his hand, and

_____ has caused these presents to be duly executed on the date first above written.


Town Manager

SEAL

WITNESSES:

SEAL

Permittee

November 16, 1966

The Area Engineer,
Corps of Engineers,
P.O. Box 1327,
Clewiston, Florida

Re: Application for a permit to extend a
permeable reinforced concrete groin
in the Gulf of Mexico--Colony Beach
Resort--Town of Longboat Key, Florida.

Dear Sir:

Forwarded herewith is an application for a permit to construct an extension to an existing Makepeace Wood type of permeable concrete groin in accordance with plans, specifications and location enclosed.

The seaward extension of this groin runs beyond the control as established by the Longboat Key Master Beach Erosion Control Plan. However, the existing groin is doing such a good job of accreting it is believed an extension would do even better.

The Town Commissioners feel that since the existing groin was allowed on an experimental basis the success of which is well established the permit for an extension should be granted. In regular meeting they approved the application.

It is hoped your office will give favorable consideration.

Very truly yours,
TOWN OF LONGBOAT KEY

G.M. Lanier
Town Manager

GML/adl
encls.

THE FIELDS'

Colony Beach Club

P.O. BOX 3949 SARASOTA, FLORIDA 33578
TELEPHONE 813-388-3681

November 1, 1966

The Area Engineer
Corps of Engineers
P. O. Box 1327
Clewiston, Florida

Re: Proposed extension of permeable
reinf. conc. groin in the Gulf of
Mexico
Colony Beach Resort - Town of
Longboat Key, Florida - Sec. 17-36-17
Sarasota County, Fla.

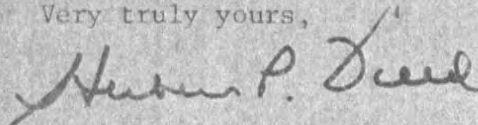
Dear Sir:

This is a letter from the owner of Colony Beach Club Resort,
authorizing John A. Murphy, Registered Engineer, State of
Florida, to submit this application, proposing extension of
our permeable reinforced concrete groin.

This groin has been working very well and we are most enthusiastic
about it.

Your consideration will be greatly appreciated.

Very truly yours,



Herbert P. Field

HPF/jf

An Island Paradise on Longboat Key

November 16, 1966

Mr. W.T. Carlton, Director
Divison of Beaches and Shores,
Florida Conservation Department,
107 West Gaines Street,
Tallahassee, Florida

Re: Application for a permit to construct
an extension to the existing groin
in the Gulf of Mexico at Colony Beach
Resort, Longboat Key, Florida.

Dear Mr. Carlton:

Application is made in behalf of Herbert P. Field, Colony
Beach Resort, Longboat Key, Florida for a permit to construct
an extension to the existing Makepeace Wood type of permeable
groin in accordance with plans, specifications, and location
enclosed.

All abutting property owners have been notified with
November 15, 1966 being set as the deadline to receive
objections. None have been received as of this date.

The Town Commission in regular meeting have approved the
application.

It is hoped your office will give favorable consideration to
this project.

Incidentally I inspected the present groin yesterday and it
is amazing the accretion that has taken place. We are all
curious to see what an extension seaward here will do.

Sincerely yours,
TOWN OF LONGBOAT KEY

G.M. Lanier
Town Manager

GML/adl

OCTOBER 31 1966

JOHN A. MURPHY, CONSULTING CIVIL ENGINEER
304 N. GERSHWIN DRIVE, SARASOTA, FLORIDA.

ENGINEER'S ESTIMATE OF QUANTITIES - REINF. CONC. GROIN EXTENSION - COLONY BEACH RESORT
LONGBOAT KEY, FLORIDA.

ITEM 1.	DESCRIPTION	NUMBER OF PIECES	CONC./ CUFT	STEEL/ LBS	TOTAL CONC.	TOTAL STEEL
	DECK SECTIONS	20	32.01	290.90	640.20	5818.00
	L0 BLOCKS	20	21.23	137.15	424.60	2743.00
	L3 "	4	20.00	96.50	80.00	193.00
	L4 "	12	21.23	106.50	255.96	1278.00
	L5 "	36	22.66	114.98	815.76	3779.28
	T3 "	65	21.74	87.92	1413.10	5714.80
TOTALS					3629.62	19526.08
					134.43 C.Y.	

ITEM 2. 6" DIAMETER STANDARD STEEL PILING - 40 PIECES @ 40' IN LENGTH - 1600' LIN FT
CONCRETE FILLED - WELDED TO DECK SECTIONS

NOTE: DUE TO THE FACT THAT SOUNDINGS TO DETERMINE REFUSAL
ARE NOT AVAILABLE - THIS ITEM TO BE ADJUSTED UPON
COMPLETION TO REFLECT ACTUAL LENGTHS OF PILING INSTALLED.

ITEM 3. 2' x 2' WOOD UPLIFT GRATINGS USING TREATED WOOD --- 20 EACH

ITEM 4. WELDED ANGLE STEEL STOPS AT EACH PILING --- 40 EACH

RESPECTFULLY SUBMITTED

John A. Murphy
JOHN A. MURPHY



John A. Murphy
Consulting Civil Engineer & Land Surveyor
Sarasota, Florida

OCTOBER 31 1966

THE AREA ENGINEER
CORPS OF ENGINEERS
P.O. BOX 1327
CLEWISTON, FLORIDA.

RE: PROPOSED EXTENSION OF PERMEABLE
REINF. CONC. GROIN IN THE GULF OF MEXICO
COLONY BEACH RESORT - TOWN OF LONGBOAT KEY
FLORIDA - SEC 17-36-17, SARASOTA COUNTY, FLA.

DEAR SIR:

A PERMIT IS REQUESTED TO EXTEND THE GROIN NOW INSTALLED AT THE COLONY BEACH RESORT 120 LINEAL FEET SEAWARD AS SHOWN ON THE ENCLOSED DRAWINGS. THE GROIN NOW IN PLACE HAS SHOWN A TENDENCY TO BUILD UP AND HOLD THE SAND ON EITHER SIDE OF THE GROIN AND HAS HAD NO ADVERSE EFFECT ON ANY OF THE ABUTTING PROPERTY

PLEASE FIND ENCLOSED THE FOLLOWING MATERIAL:

1. A REPRODUCIBLE AND 10 COPIES OF A 3 PAGE SET SHOWING THE EXTENT AND DETAILS OF THE PROPOSED EXTENSION.

A LETTER FROM THE OWNER AUTHORIZING THE WRITER TO SUBMIT THIS APPLICATION.

VERY TRULY YOURS,

John A. Murphy
JOHN A. MURPHY

ENCLOSURES
ORIGINAL AND 1 COPY
CC- COLONY BEACH RESORT
- TOWN OF LONGBOAT KEY
- FILE



John A. Murphy
Consulting Civil Engineer & Land Surveyor
Sarasota, Florida

OCTOBER 31 1966

BOARD OF TOWN COMMISSIONERS
TOWN OF LONGBOAT KEY, FLORIDA
ATT: MR. G. MAXWELL LANIER
TOWN MANAGER

RE: PROPOSED EXTENSION OF PERMEABLE
REINF. CONC. GROIN - COLONY BEACH RESORT
SEC 17-36-17, SARASOTA COUNTY, FLORIDA.

GENTLEMEN:

A COASTAL CONSTRUCTION PERMIT IS REQUESTED TO EXTEND THE PERMEABLE
CONCRETE GROIN AT THE PROPERTY OWNED BY MR. HERBERT P. FIELD, 1620 GULF OF
MEXICO DRIVE, TOWN OF LONGBOAT KEY, FLORIDA AS SHOWN ON THE ATTACHED DRAWINGS.

THE PROPOSED EXTENSION WILL BE 120 FEET IN LENGTH.

PLEASE FIND ENCLOSED THE FOLLOWING MATERIAL:

1. A REPRODUCIBLE AND FIVE COPIES OF A 3 PAGE SET SHOWING THE EXTENT
AND DETAILS OF THE PROPOSED CONSTRUCTION.
2. A CHECK IN THE AMOUNT OF \$ 25.00 TO COVER THE FEE

VERY TRULY YOURS,

John A. Murphy
JOHN A. MURPHY

ENCLOSURES

CC- COLONY BEACH RESORT
- FILE



HANVIER
FENNE
ENCL: 1 COPY OF DETAIL

TO: DISTRICT COMMISSIONER

FROM: TOWN OF LONGBOAT KEY

SUBJECT: BEACH RESORT - HERBERT P. FIELD

Application for extension of the front of
the beach resort in extension of 120' seaward of
the present groin
COHEN'S BEACH RESORT - HERBERT P. FIELD
1601 GOLF OF MEXICO DRIVE

I enclose you with an application for
extension of the front of the beach resort
Groin
Should you have any
comments to make relative to these
proposed Groin
Please let us have them not later than
NOVEMBER 15, 1966

Sincerely,
TOWN OF LONGBOAT KEY

J. W. Lurier
Town Manager

ENCL: 1
enclosure

COPY OF ORIGINAL

ARVIDA
FENNE

ENCL. COPY OF DETAIL

TO: Property Owners
FROM: TOWN OF LONGBOAT KEY, FLORIDA
SUBJECT: Proposed Construction

Application has been made to the Town of Longboat Key to construct an extension of 120' seaward of the present groin adjacent to the property of Colony Beach Resort - Herbert P. Field 1601 Gulf of Mexico Drive .

Enclosed you will find maps indicating location and details of each proposed Groin. Should you have any objections or comments to make relative to these proposed groin, please let us have them not later than November 15, 1966.

Sincerely,
TOWN OF LONGBOAT KEY

G. M. Lanier
Town Manager

GML/adl
enclosure

ARVIDA CORP.
PARCEL 101

U.S. GOV'T. LOT 2
U.S. GOV'T. LOT 4

ARVIDA CORP.
PARCEL 400

GULF

COLONY BEACH RESORT

HERBERT P. FIELD
PARCEL 402

PARCEL 404

ARVIDA CORP.
PARCEL 400

LEROY FENNE
PARCEL 401

ARVIDA
CORP.
PARCEL
400

SOUNDINGS IN FEET
AT MLW -0.0
MHW +1.7

APPLICANT - COLONY BEACH RESORT
ATTENTION: MR. HERBERT P. FIELD
1620 GULF OF MEXICO DRIVE
SARASOTA, FLORIDA.

ADJACENT PROPERTY OWNERS - ARVIDA CORPORATION
ATTN. CONTROLLERS OFFICE
1501 FIRST NATIONAL BANK BUILDING
MIAMI, FLORIDA.

LE ROY FENNE
467 MEADOW LARK DRIVE
SARASOTA, FLORIDA.



John A. Murphy
7/23/1965
2/4/1966

PERMEABLE CONCRETE GROIN FOR SHORE EROSION CONTROL
BY MAKEPEACE WOOD, INC., P.O. BOX 596 SARASOTA, FLORIDA
COPYRIGHT RESERVED - PATENT PENDING

PROPOSED PERMEABLE CONCRETE GROIN
IN THE GULF OF MEXICO - TOWN OF LONGBOAT
SARASOTA COUNTY FLORIDA

APPLICANT - COLONY BEACH RESORT
HERBERT P. FIELD - OWNER

PREPARED BY - JOHN A. MURPHY
CONSULTING CIVIL ENGINEER
JULY 23 1965 FLORIDA CERTIFICATE 4877

YARDS
1000 0 1000 2000

LOCATION MAP

SCALE IN FEET
300 200 100 0 200

VICINITY MAP

SEC. 21-36-17

SEC. 17-36-17
SEC. 16-36-17

1" = 200'



BUTTONWOOD
HARBOR

SARASOTA
BISHOPS PT.

TO ANNA MARIA

GULF

GULF

GULF

GULF

GULF

GULF

GULF

GULF

GULF

GULF

GULF

GULF

GULF

GULF

GULF

GULF

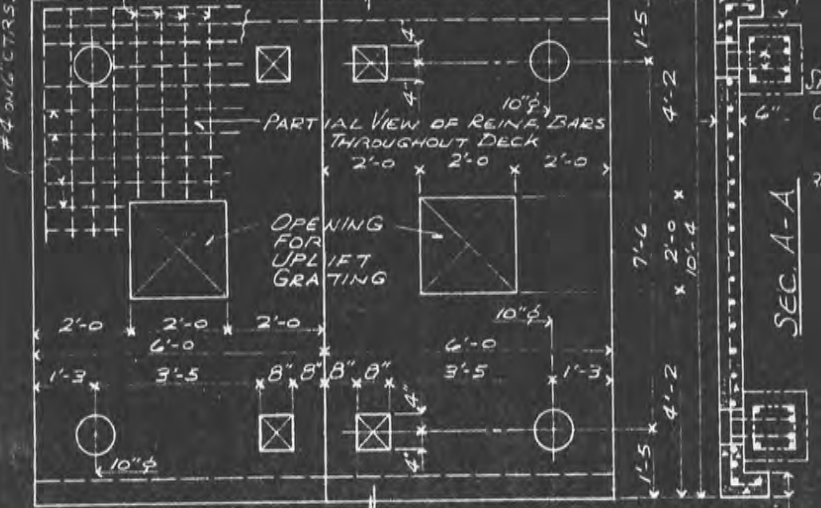
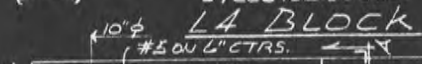
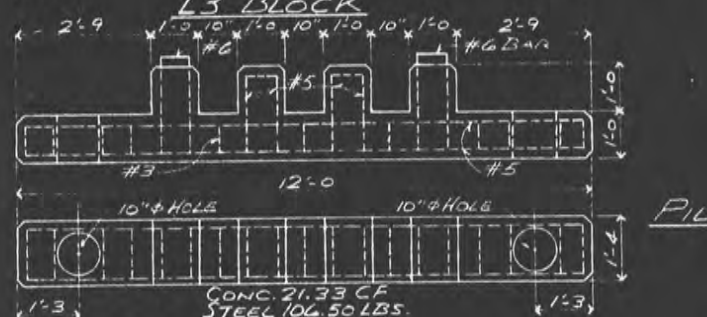
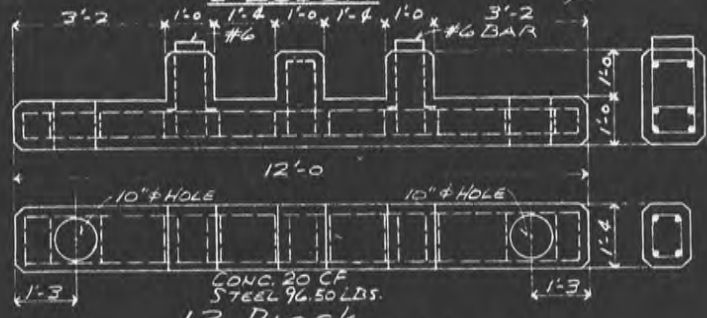
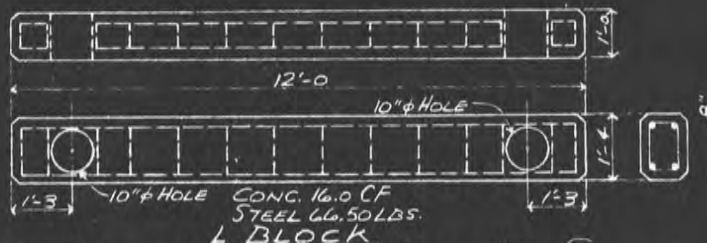
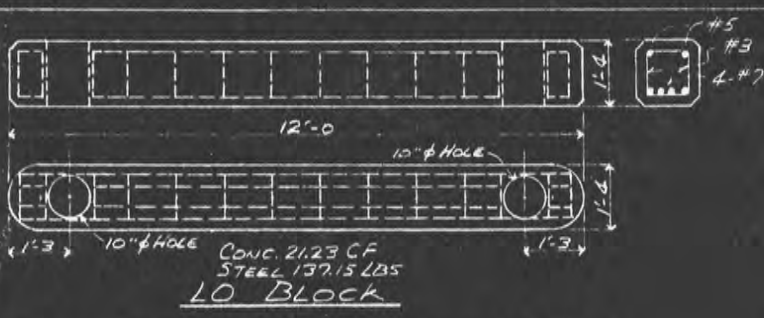
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GULF

GULF

GULF

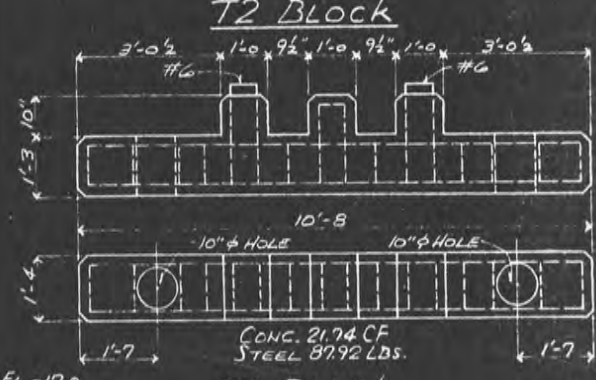
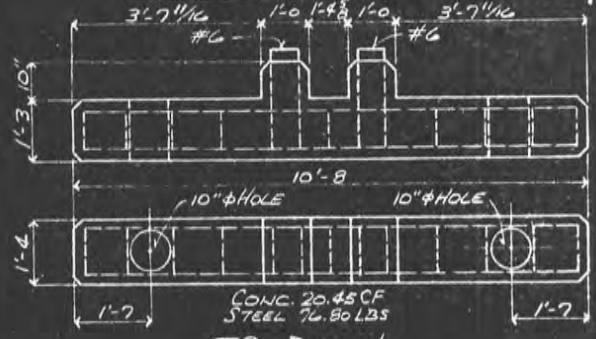
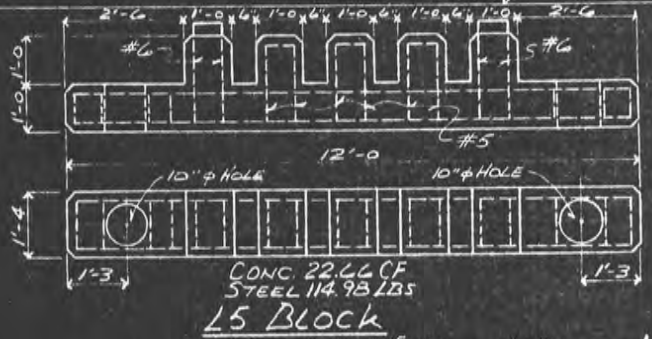
GULF



DETAIL OF CONCRETE DECK SHOWING R AND L



PILING DETAILS



T3 BLOCK



T BLOCK

SPECIFICATIONS:

CONCRETE-PORTLAND CEMENT TYPE II. CRUSHING STRENGTH-4000 PSI @ 28 DAYS. REINFORCING: INTERMED. GRADE STEEL COVER 3" FROM SURFACES. ALL BARS #5 UNLESS NOTED. STIRRUPS #3 BARS STIRRUP SPACING VARIES AS SHOWN.

NOTE: USE 10" STEEL SLEEVES THIS MEMBER. WELD TO REINF. THEN WELD SLEEVE TO PILING.

PROPOSED PERMEABLE CONCRETE PIER/ GROUT BY MAKEPEACE WOOD INC. BOX 596 SARASOTA-FLORIDA. STANDARD PILING, BEAM AND DECK DETAILS.



PREPARED BY JOHN A. MURPHY CONSULTING CIVIL ENGINEER 304 GERSHWIN DRIVE SARASOTA-FLORIDA JAN 19 1966

ARVIDA CORP.
PARCEL 101

U.S. GOV'T. LOT 2
U.S. GOV'T. LOT 4

ARVIDA CORP.
PARCEL 400

LANDS OF
HERBERT P. FIELD

COLONY BEACH RESORT

ARVIDA CORP.
PARCEL 400

LEROY FENNE
PARCEL 401

ARVIDA CORP.
PARCEL 400

SOUNDINGS IN FEET
AT MLW -0.0
MHW +1.7

APPLICANT - COLONY BEACH RESORT
ATTENTION: MR. HERBERT P. FIELD
1620 GULF OF MEXICO DRIVE
SARASOTA, FLORIDA.

ADJACENT PROPERTY OWNERS - ARVIDA CORPORATION
ATTN. CONTROLLERS OFFICE
1501 FIRST NATIONAL BANK BUILDING
MIAMI, FLORIDA.

LE ROY FENNE
467 MEADOW LARK DRIVE
SARASOTA, FLORIDA.



John A. Murphy
7/23/1965
2/4/1966
REVISED 07-27-1965 *John A. Murphy*

PERMEABLE CONCRETE GROIN FOR SHORE EROSION CONTROL
BY MAKEPEACE WOOD, INC. P.O. BOX 595 SARASOTA, FLORIDA
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PROPOSED PERMEABLE CONCRETE GROIN
IN THE GULF OF MEXICO - TOWN OF LONGBOAT KE
SARASOTA COUNTY FLORIDA

APPLICANT - COLONY BEACH RESORT
HERBERT P. FIELD - OWNER

PREPARED BY - JOHN A. MURPHY
CONSULTING CIVIL ENGINEER
JULY 23 1965 FLORIDA CERTIFICATE 4877

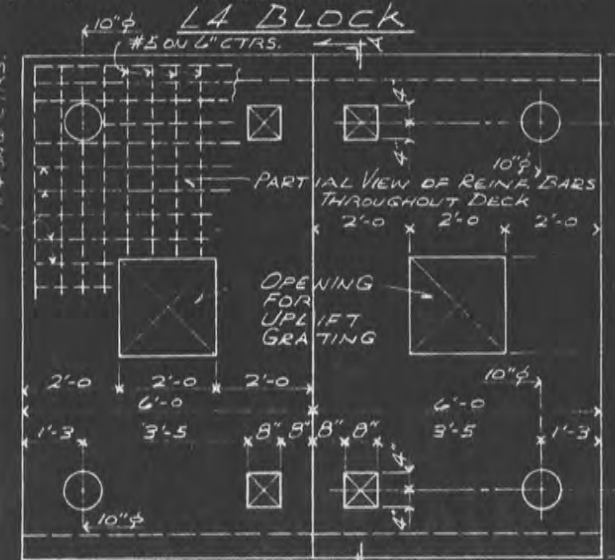
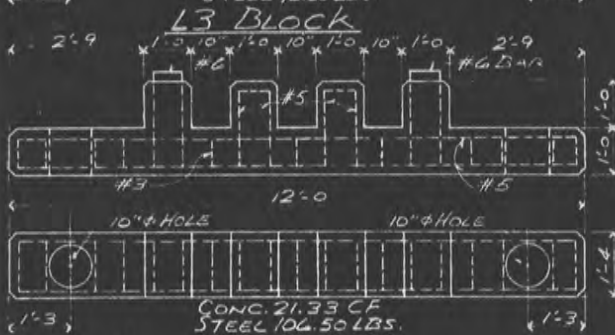
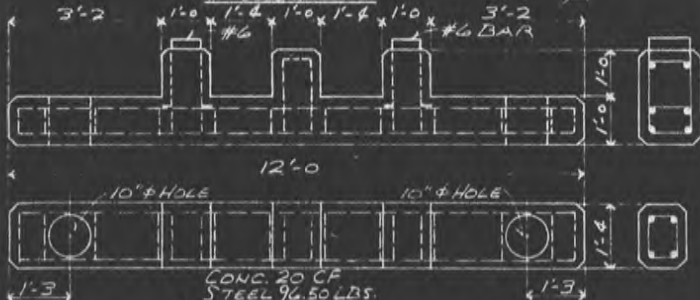
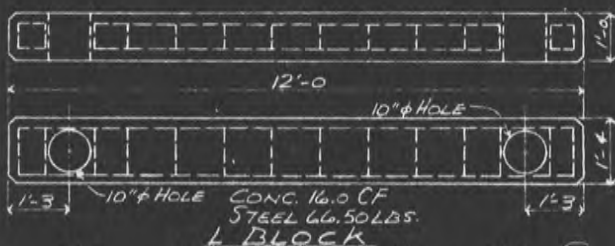
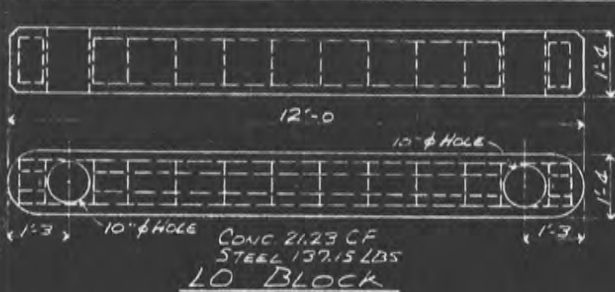
YARDS
1000 0 1000 20

LOCATION
MAP

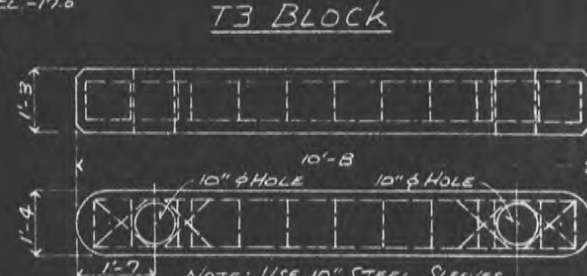
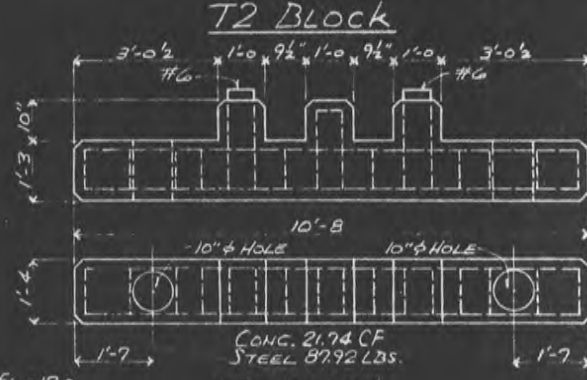
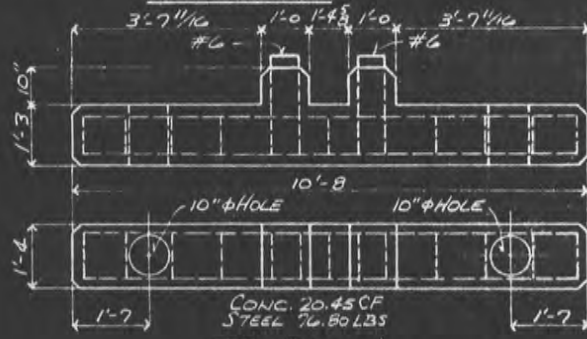
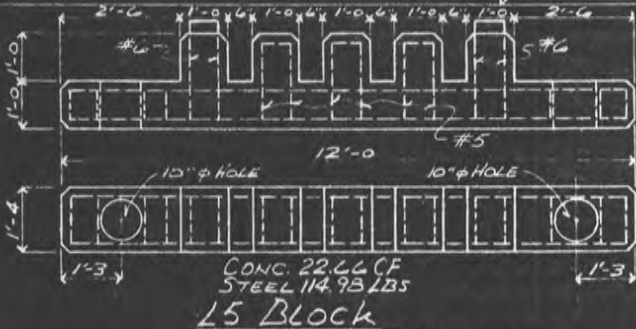
SCALE IN FEET
300 200 100 0 200

VICINITY MAP

SEC. 17-36-17
SEC. 16-36-17
SEC. 21-36-17



PILING DETAILS



SPECIFICATIONS:

CONCRETE-PORTLAND CEMENT TYPE II
CRUSHING STRENGTH-4000 PSI @ 28 DAYS
REINFORCING: INTERMED. GRADE STEEL COVER 3" FROM SURFACES. ALL BARS #5 UNLESS NOTED. STIRRUPS #3 BARS STIRRUP SPACING VARIES AS SHOWN.

NOTE: USE 10" STEEL SLEEVES THIS MEMBER. WELD TO REINF. THEN WELD SLEEVE TO PILING.

PROPOSED PERMEABLE CONCRETE PIER/GROIN BY MAKEPEACE WOOD INC. BOX 596 SARASOTA-FLORIDA. STANDARD PILING, BEAM AND DECK DETAILS

PREPARED BY JOHN A. MURPHY CONSULTING CIVIL ENGINEER 304 GERSHWIN DRIVE SARASOTA-FLORIDA JAN 19 1966



DETAIL OF CONCRETE DECK SHOWING R AND L

ARVIDA CORP.
PARCEL 101



U.S. GOV'T. LOT 2
U.S. GOV'T. LOT 4

ARVIDA CORP.
PARCEL 400

GULF

GULF

GULF

LANDS OF
HERBERT P. FIELD

COLONY BEACH RESORT

ARVIDA CORP.
PARCEL 400

LE ROY FENNE
PARCEL 401

ARVIDA CORP.
PARCEL 400

SOUNDINGS IN FEET
AT MLW - 0.0
MHW + 1.7

APPLICANT - COLONY BEACH RESORT
ATTENTION: MR. HERBERT P. FIELD
1620 GULF OF MEXICO DRIVE
SARASOTA, FLORIDA.

ADJACENT PROPERTY OWNERS - ARVIDA CORPORATION
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SARASOTA, FLORIDA.



John A. Murphy
7/23/1965
2/4/1966
REVISED OCT. 27, 1966 *John A. Murphy*

PERMEABLE CONCRETE GROIN FOR SHORE EROSION CONTROL
BY MAKEPEACE WOOD, INC., P.O. BOX 596 SARASOTA, FLORIDA
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PROPOSED PERMEABLE CONCRETE GROIN
IN THE GULF OF MEXICO - TOWN OF LONGBOAT KEY
SARASOTA COUNTY FLORIDA

APPLICANT - COLONY BEACH RESORT
HERBERT P. FIELD - OWNER

PREPARED BY - JOHN A. MURPHY
CONSULTING CIVIL ENGINEER
JULY 23 1965 FLORIDA CERTIFICATE 4877

YARDS
1000 0 1000 2000

LOCATION
MAP

SARASOTA
LONGBOAT
BAY

MEXICO

SEC. 17-36-17
SEC. 16-36-17

SCALE IN FEET
300 200 100 0 200

VICINITY MAP

SEC. 21-36-17

2
3

COLONY
BEACH
RESORT

SHELL

SHELL

SHUFFLE BOARD

BM TOP WALL +6.27

POOL

POOL DECK +7.72

780'

GULF OF MEXICO

TOTAL PIECES
20 DECK (WITH GRATING)
20 L0
4 L3
12 L4
36 L5
65 T3
157 TOTAL

NOTE:
OFFSHORE TOPOGRAPHY
TAKEN OCTOBER 17, 1966.

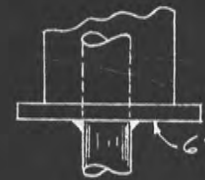


CONTROL LINE - LONG BOAT KEY MASTER PLAN

394'

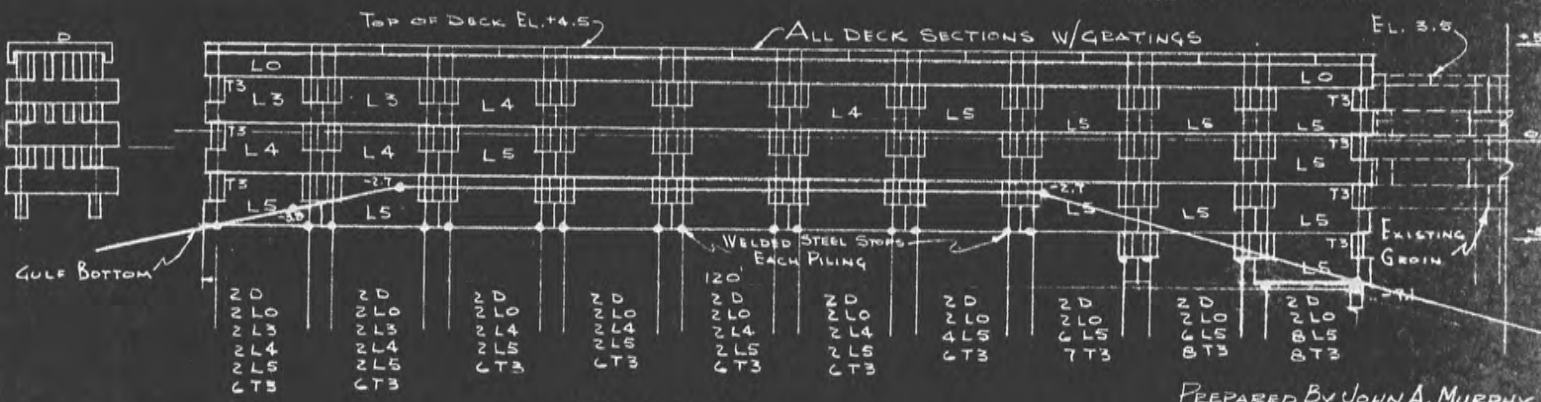
PROPOSED PERMEABLE CONCRETE
PIER/GROIN
MAKEPEACE WOOD TYPE
P.O. BOX 596, SARASOTA, FLA.
IN THE GULF OF MEXICO
TOWN OF LONGBOAT KEY
SARASOTA COUNTY, FLA.

APPLICANT - COLONY BEACH RESORT
ATT: MR. HERBERT P. FIELD
1620 GULF OF MEXICO DRIVE
SARASOTA, FLORIDA.



6" STL. PIPE CLAMP
BOLT OR WELD TO
PILING

TYPICAL STOP EACH PILE



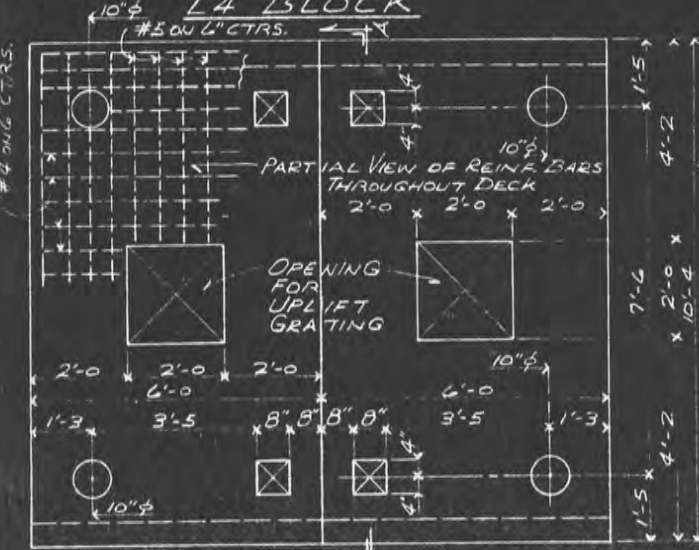
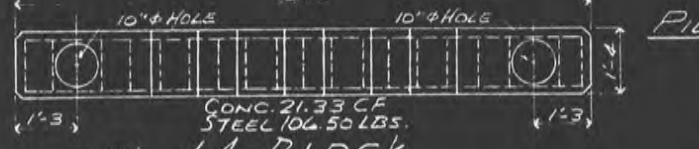
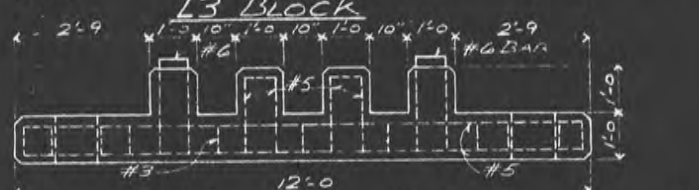
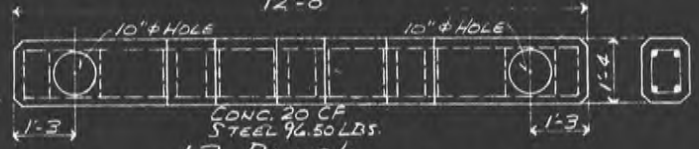
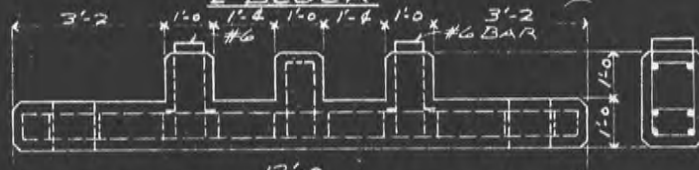
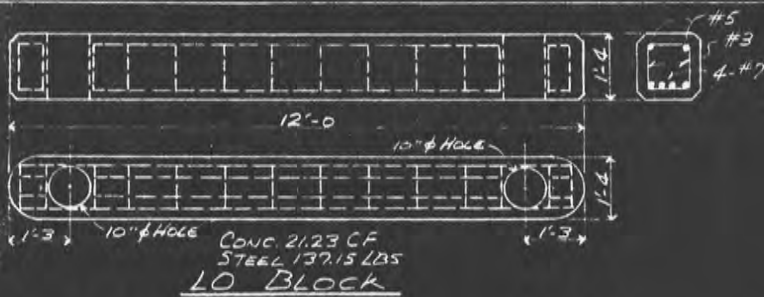
PROFILE

PROFILE SCALE:
1" = 10' HORIZONTALLY
1" = 5' VERTICALLY

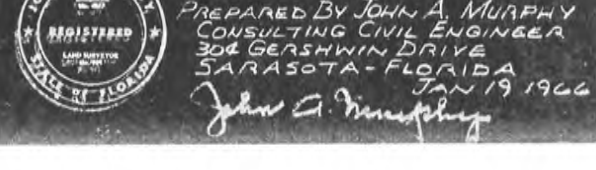
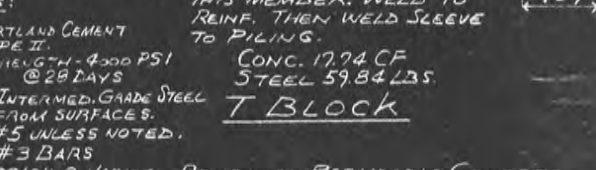
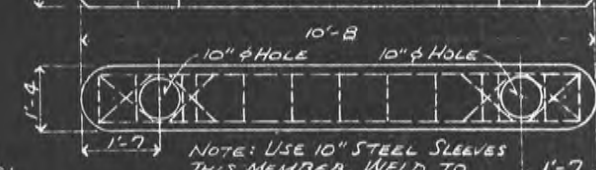
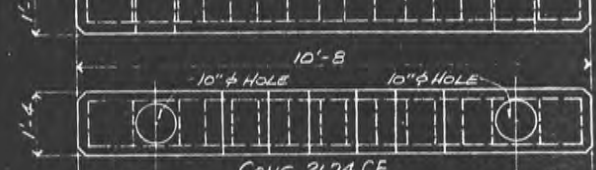
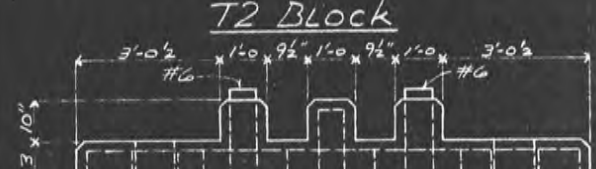
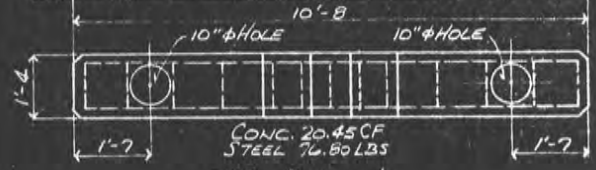
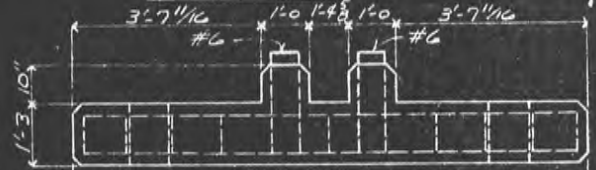
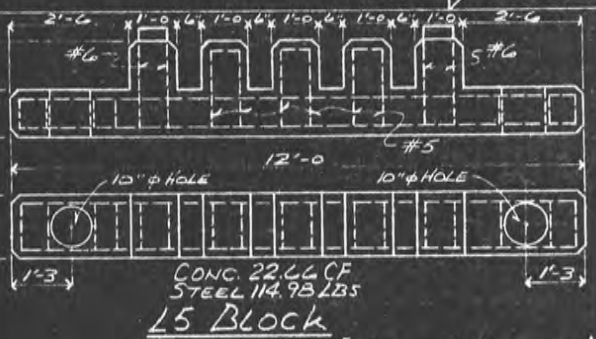
PREPARED BY JOHN A. MURPHY
CONSULTING ENGINEER
304 GERSHWIN DRIVE,
SARASOTA, FLORIDA.

John A. Murphy 10-27-1966





PILING DETAILS



SPECIFICATIONS:

CONCRETE-PORTLAND CEMENT TYPE II.
CRUSHING STRENGTH-4300 PSI @ 28 DAYS
REINFORCING: INTERMED. GRADE STEEL COVER 3" FROM SURFACES.
ALL BARS #5 UNLESS NOTED.
STIRRUPS #3 BARS
STIRRUP SPACING VARIES AS SHOWN.

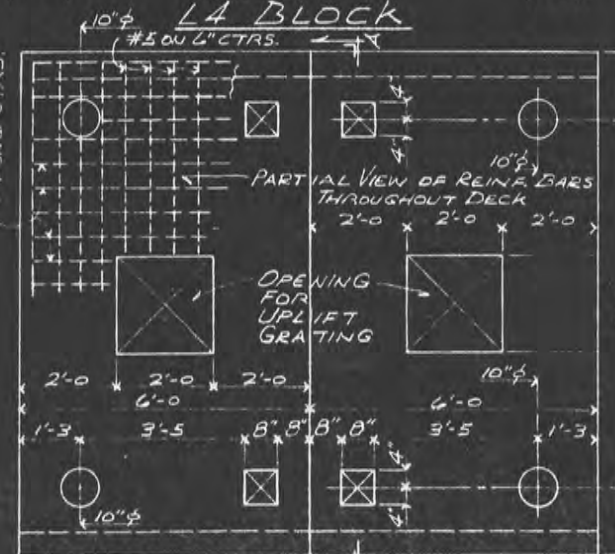
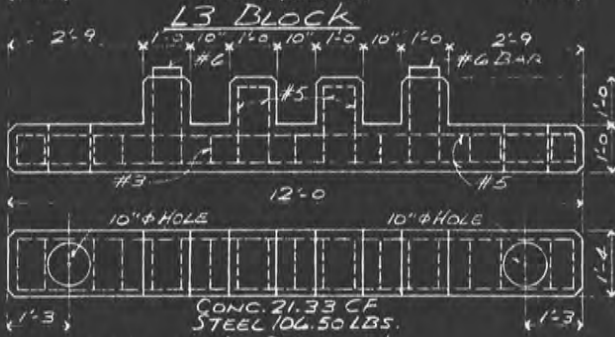
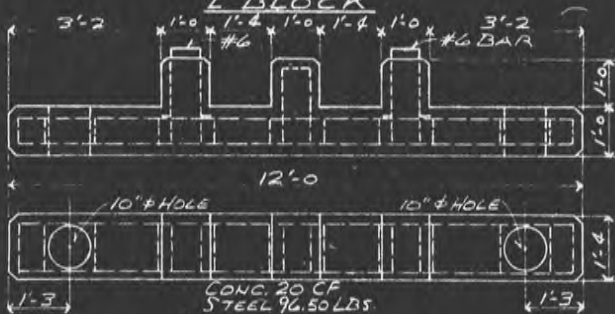
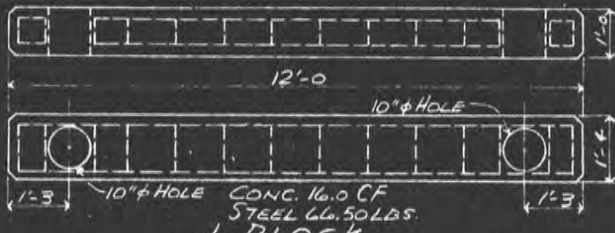
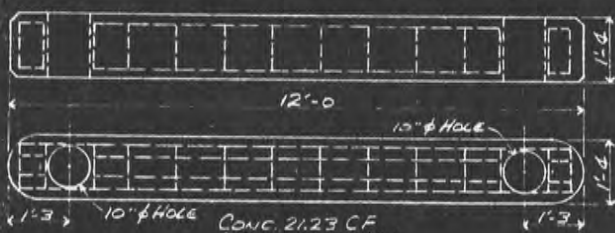
NOTE: USE 10" STEEL SLEEVES THIS MEMBER. WELD TO REINF. THEN WELD SLEEVE TO PILING.

CONC. 17.94 CF
STEEL 59.84 LBS.
T BLOCK
PROPOSED PERMEABLE CONCRETE PIER/ GROUT BY MAKEPEACE WOOD INC. BOX 596 SARASOTA-FLORIDA
STANDARD PILING, BEAM AND DECK DETAILS

PREPARED BY JOHN A. MURPHY CONSULTING CIVIL ENGINEER 304 GERSHWIN DRIVE SARASOTA-FLORIDA
JAN 19 1966
John A. Murphy



DETAIL OF CONCRETE DECK SHOWING RAIL



PIILING DETAILS

SEC. A-A

SPECIFICATIONS:

CONCRETE-PORTLAND CEMENT
TYPE II
CRUSHING STRENGTH-4000 PSI
@ 28 DAYS
REINFORCING: INTERMED. GRADE STEEL
COVER 3" FROM SURFACES.
ALL BARS #5 UNLESS NOTED.
STIRRUPS #3 BARS
STIRRUP SPACING VARIES
AS SHOWN.

NOTE: USE 10" STEEL SLEEVES
THIS MEMBER. WELD TO
REINF. THEN WELD SLEEVE
TO PILING.

CONC. 17.74 CF
STEEL 59.84 LBS.

T BLOCK

PROPOSED PERMEABLE CONCRETE
PIER/GRABIN
BY MAKEPEACE WOOD INC.
Box 596 SARASOTA-FLORIDA
STANDARD PILING, BEAM AND
DECK DETAILS

PREPARED BY JOHN A. MURPHY
CONSULTING CIVIL ENGINEER
304 GERSHWIN DRIVE
SARASOTA-FLORIDA
JAN 19 1966



DETAIL OF CONCRETE DECK SHOWING R AND L

ARVIDA CORP.
PARCEL 101



U.S. GOV'T. LOT 2
U.S. GOV'T. LOT 4

ARVIDA CORP.
PARCEL 400

GULF

COLONY BEACH RESORT

HERBERT P. FIELD
PARCEL 402

PARCEL 403

PARCEL 404

ARVIDA CORP.
PARCEL 400

LEROY FENNE
PARCEL 401

ARVIDA
CORP.
PARCEL
400

SOUNDINGS IN FEET
AT MLW - 0.0
MHW + 1.7

APPLICANT - COLONY BEACH RESORT
ATTENTION: MR. HERBERT P. FIELD
1620 GULF OF MEXICO DRIVE
SARASOTA, FLORIDA.

ADJACENT PROPERTY OWNERS - ARVIDA CORPORATION
ATTN. CONTROLLERS OFFICE
1501 FIRST NATIONAL BANK BUILDING
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LE ROY FENNE
467 MEADOW LARK DRIVE
SARASOTA, FLORIDA.



John A. Murphy
7/23/1965
2/4/1966

PERMEABLE CONCRETE GROIN FOR SHORE EROSION CONTROL
BY MAKEPEACE WOOD, INC. P.O. BOX 596 SARASOTA, FLORIDA
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PROPOSED PERMEABLE CONCRETE GROIN
IN THE GULF OF MEXICO - TOWN OF LONGBOAT
SARASOTA COUNTY FLORIDA

APPLICANT - COLONY BEACH RESORT
HERBERT P. FIELD - OWNER

PREPARED BY - JOHN A. MURPHY
CONSULTING CIVIL ENGINEER
JULY 23 1965 FLORIDA CERTIFICATE 4877

YARDS
1000 0 1000 20

LOCATION
MAP

SARASOTA

GULF

GULF

OF

OF

MEXICO

MEXICO

KEY

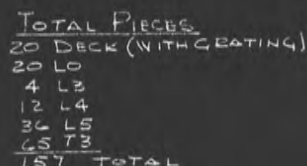
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SEC. 17 - 36 - 17
SEC. 16 - 36 - 17

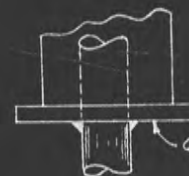
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SCALE IN FEET

VICINITY MAP

SEC. 21 - 36 - 17

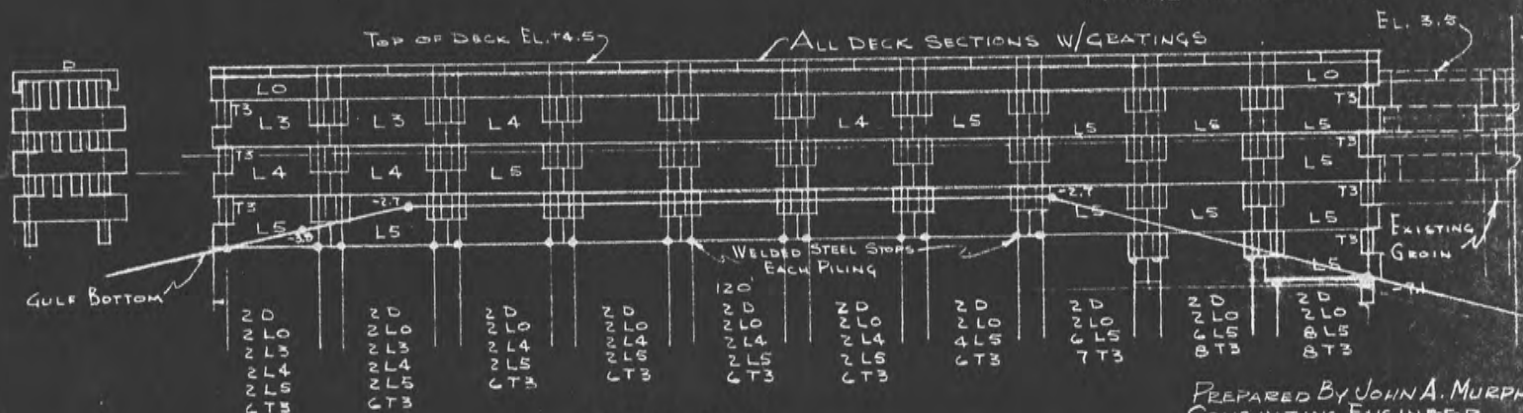


NOTE:
OFFSHORE TOPOGRAPHY
TAKEN OCTOBER 17, 1966.



"STL PIPE CLAMP
BOLT OR WELD TO
PILING

TYPICAL STOP EACH PILE



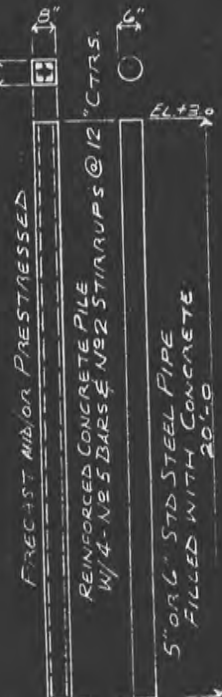
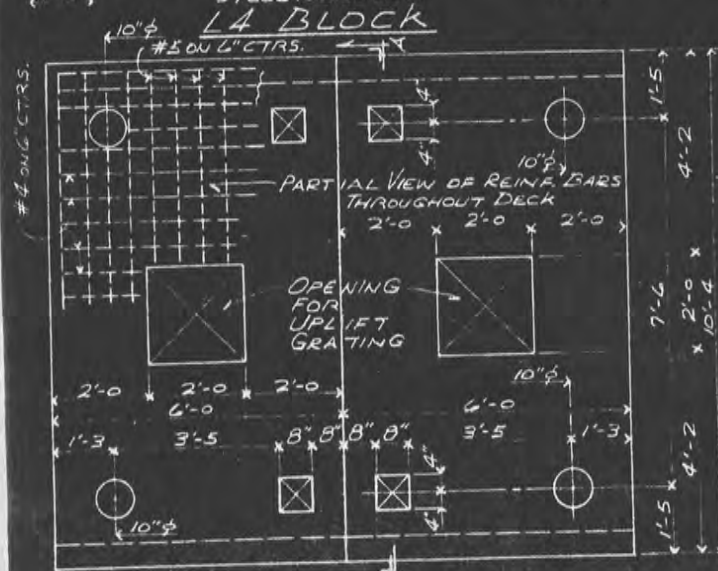
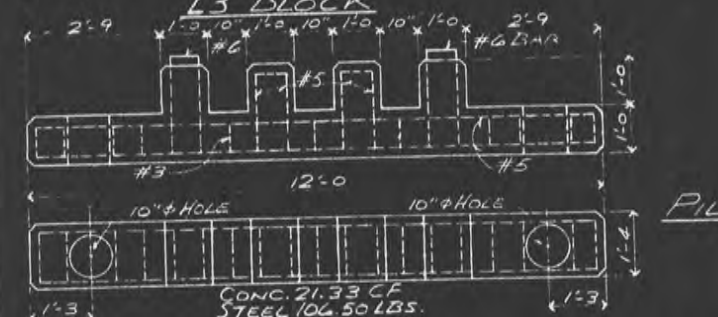
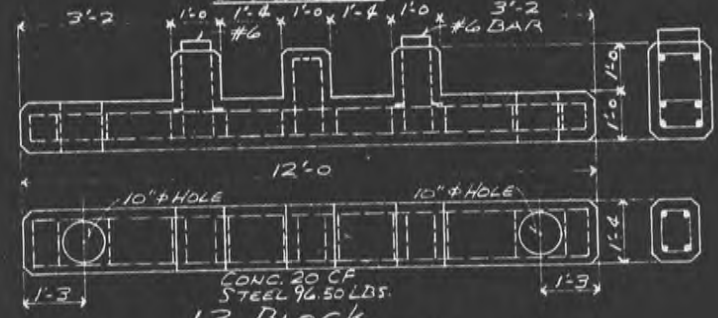
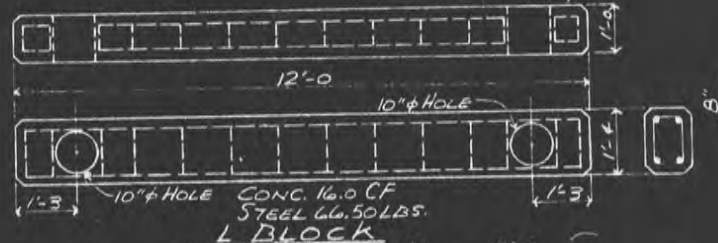
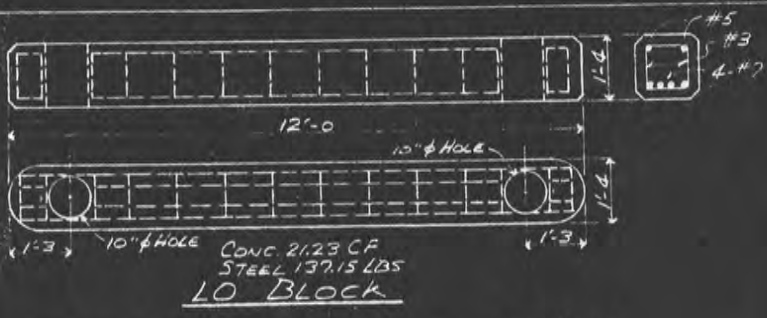
PREPARED BY JOHN A. MURPHY
CONSULTING ENGINEER
304 GERSHWIN DRIVE,
SARASOTA, FLORIDA.

John A. Murphy 10-27

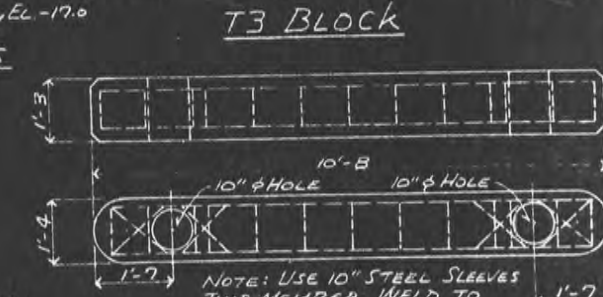
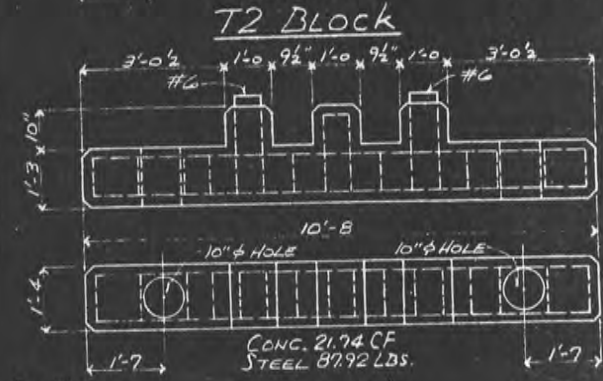
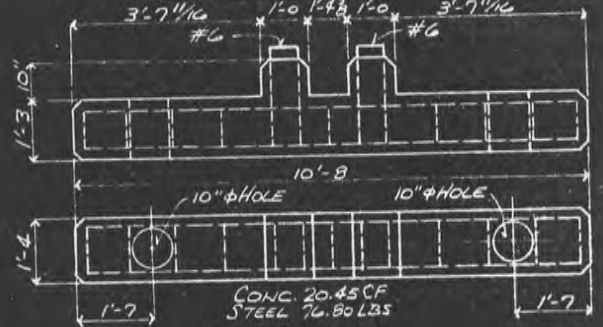
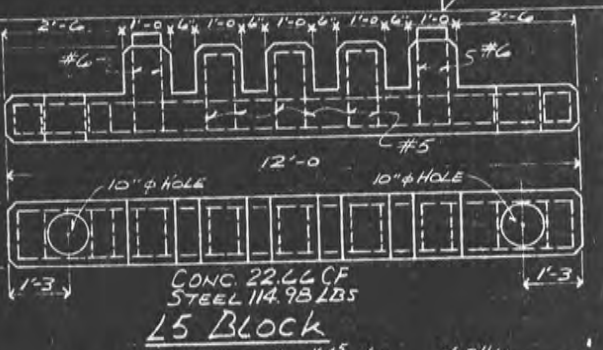


PROFILE

PROFILE SCALE:
1" = 10' HORIZONTALLY
1" = 5' VERTICALLY



PILING DETAILS



SPECIFICATIONS:

CONCRETE - PORTLAND CEMENT TYPE II.
CRUSHING STRENGTH - 4000 PSI @ 28 DAYS
REINFORCING: INTERMED. GRADE STEEL COVER 3" FROM SURFACES.
ALL BARS #5 UNLESS NOTED.
STIRRUPS #3 BARS
STIRRUP SPACING VARIES AS SHOWN.

NOTE: USE 10" STEEL SLEEVES THIS MEMBER. WELD TO REINF. THEN WELD SLEEVE TO PILING.

CONC. 17.74 CF
STEEL 59.84 LBS.

PROPOSED PERMEABLE CONCRETE PIER/ GROUT BY MAKEPEACE WOOD INC. BOX 596 SARASOTA - FLORIDA

STANDARD PILING, BEAM AND DECK DETAILS

PREPARED BY JOHN A. MURPHY CONSULTING CIVIL ENGINEER 304 GERSHWIN DRIVE SARASOTA - FLORIDA JAN 19 1966



DETAIL OF CONCRETE DECK SHOWING R AND L

Florida



Board of Conservation

107 WEST GAINES STREET • TALLAHASSEE 32304

August 23, 1966

HAYDON BURNS, *Governor*
TOM ADAMS, *Secretary of State*
EARL FAIRCLOTH, *Attorney General*
~~XXXXXXXXXXXXXXXXXXXX~~
BROWARD WILLIAMS, *Treasurer*
~~XXXXXXXXXXXXXXXXXXXX~~
Public Instruction
DOYLE CONNER, *Commissioner of Agriculture*
FRED O. DICKINSON, JR., *Comptroller*
FLOYD T. CHRISTIAN, *Superintendent of*
Public Instruction

Mr. G. M. Lanier
Town Manager
Town of Longboat Key
Longboat Key, Florida

Dear Mr. Lanier:

Reference is made to a letter dated August 12, with a copy to you, from the Ernest F. Smith Insurance Agency, regarding renewal of surety bonds for Mara Beach, Inc., et al. Your recommendation for further action on these bonds will be appreciated.

In reference to the Field's application for a permit to construct two additional makepeace groins, I was advised by Mr. Field on August 19, that he was now considering extending the existing groin rather than new construction.

I have informed Mr. Field that I was in a position to recommend approval of the two new groins, which are designed to come within the seaward control line of your Master Control Plan, but that I would be unable to recommend approval of an extension of the existing groin beyond this control line unless approval was given by your commissioners. After having seen the existing groin, I believe the new construction would be more desirable at the present time.

Mr. Field is to contact you regarding the above and further action by this office will await your recommendation.

Sincerely,

W. T. Carlton, Director
Division of Beaches and Shores

WTC/ah

August 1, 1966

Mr. W.T. Carlton, Director
Florida Board of Conservation
Division of Beaches and Shores,
107 West Gaines Street
Tallahassee, Florida 32304

Re: Application for permit to
construct two Makepeace Wood
type groins by Herbert P. Field.

Dear Mr. Carlton:

Forwarded herewith are copies of two letters from riparian property owners within 1000 feet of Mr. Field's site for the two groins described in the application. It appears that both property owners are objecting to the construction as contemplated.

It is suggested that the granting of a permit for these groins be deferred until after your next visit here at which time you will have an opportunity to view the results of the one groin already installed.

Sincerely yours,
TOWN OF LONGBOAT KEY

G.M. Lanier
Town Manager

GML/adl
encl: 2

ARVIDA CORPORATION

1501 FIRST NATIONAL BANK BUILDING • MIAMI, FLORIDA 33131 • TELEPHONE (305) 377-3541

July 28, 1966

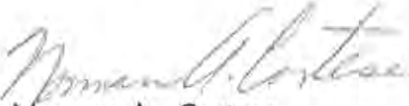
Mr. G. M. Lanier, Town Manager
Town of Longboat Key
Longboat Key, Florida

Re: Groins - Colony Beach Resort

Dear Mr. Lanier:

We have no objection to the installation of the two additional groins at Colony Beach Resort as long as they comply with the Master Plan for Gulf Beach Protection, prepared by the City Engineers in respect to location, length and construction.

Very truly yours,


Norman A. Cortese

NAC/jb

LAW OFFICES
WILLIAMS, PARKER, HARRISON & DIETZ

1538 STATE STREET

POST OFFICE BOX 3258

SARASOTA, FLORIDA 33578

July 26, 1966

TELEPHONE 958-6661
AREA CODE 813

J. J. WILLIAMS, JR.
W. DAVIS PARKER
WILLIAM T. HARRISON, JR.
GEORGE A. DIETZ
WILLIAM E. GETZEN
MONTE K. MARSHALL
JAMES L. RITCHEY
JAMES C. CLARK

Mr. G. M. Lanier, Town Manager
Longboat Key
Florida

Dear Mr. Lanier:

This letter is written on behalf of and at the direction of Mr. Leroy Fenne with reference to your recent notice with regard to the application of Herbert P. Field, Colony Beach Resort, for a permit to construct two Makepeace Wood groins adjacent to the Colony Beach property.

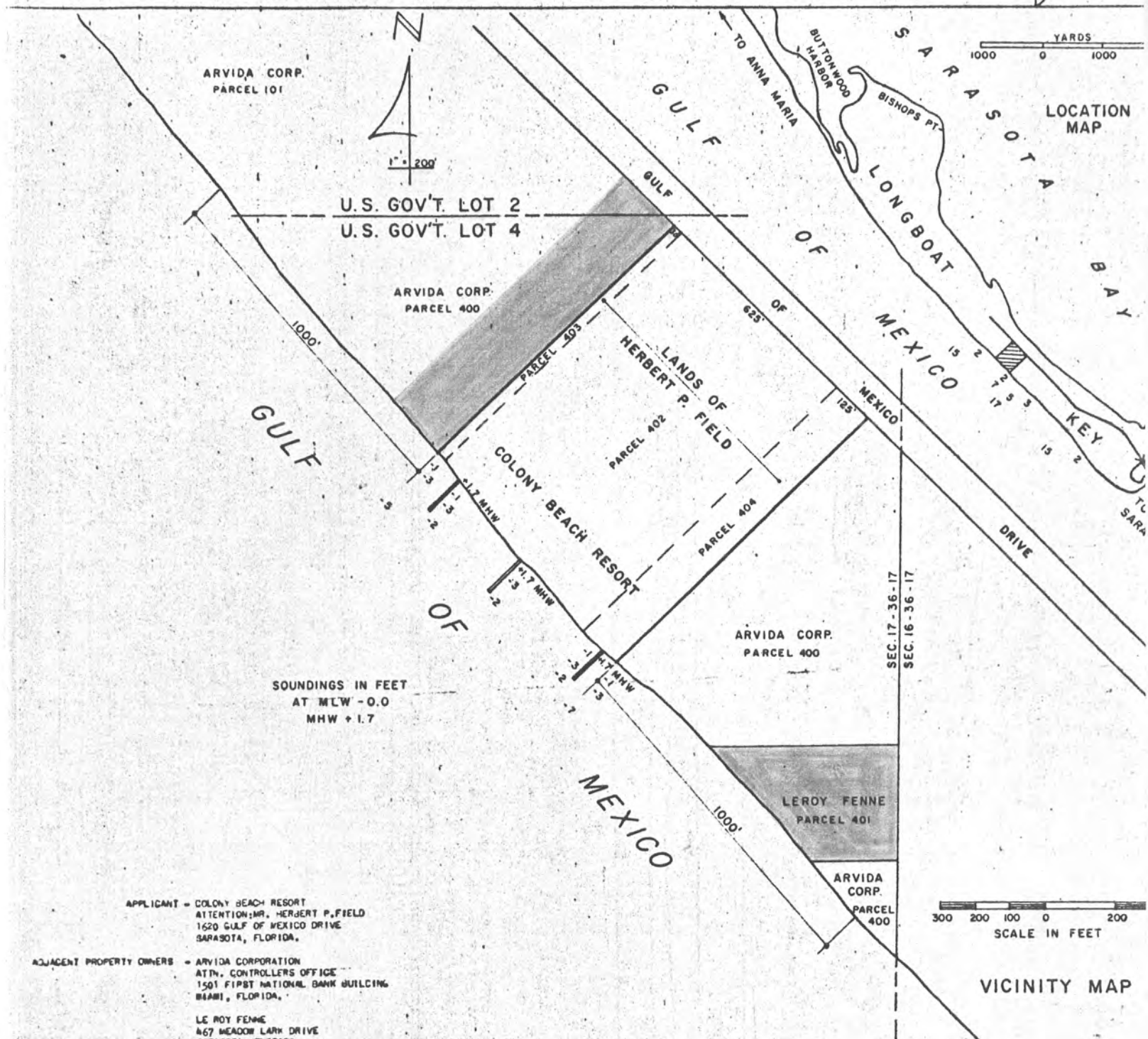
We enclose herewith a Xerox copy of the sketch which was attached to the Colony Beach application, above mentioned, with two certain parcels of land in which Mr. Fenne has an interest being shaded in red. At the present time Mr. Fenne is the fee simple owner of Parcel 401 and he likewise has a contractual interest in Parcel 400. In view of the fact that the construction proposed by Colony Beach Resort is not comprehensive in character and is designed without regard to the effect of such construction on the parcels lying to the north and south of such Colony Beach property, Mr. Fenne objects to the proposed construction. It is Mr. Fenne's apprehension that the groins will interfere with the littoral drift and will of necessity have a very serious adverse effect on either Parcel #400 or on Parcel #401, or both of them.

Sincerely yours,

WILLIAMS, PARKER, HARRISON & DIETZ

By *W. T. Harrison*

WTHjr:df
Enclosure



July 13, 1966

Mr. W.T. Carlton, Director,
Florida Board of Conservation,
Division of Beaches and Shores,
107 West Gaines Street,
Tallahassee, Florida 32304

Re: Application for permit to construct
two Makepeace Wood type groins by
Herbert P. Field.

Dear Mr. Carlton:

The delay in presenting this application to you has been caused by the revised bond not being received until today. It is hoped that it is properly drawn and if so the applicant desires that the original bond dated September 21, 1965 be returned.

We have processed this application and it seems to be complete. Notices have been mailed to abutting property owners with August 1, 1966 being the deadline to receive objections.

It appears that the one groin already constructed is doing a fair job. Mr. Field is satisfied but personally, I am not too impressed.

Hoping the plans and specifications as presented herewith meet with your approval, I am

Sincerely yours,
TOWN OF LONGBOAT KEY

G.M. Lanier
Town Manager

GML/adl
encls.

Florida



Board of Conservation

107 WEST GAINES STREET • TALLAHASSEE 32304

May 17, 1966

HAYDON BURNS, Governor

TOM ADAMS, Secretary of State

EARL FAIRCLOTH, Attorney General

~~RAY EX GREEN~~ ~~Commissioner of~~

BROWARD WILLIAMS, Treasurer

~~THOMAS R. RAYMOND~~ ~~Superintendent of~~
Public Instruction

DOYLE CONNER, Commissioner of Agriculture

FRED O. DICKINSON, JR., Comptroller

FLOYD T. CHRISTIAN, Superintendent of
Public Instruction

Mr. G. M. Lanier
Town Manager
Town of Longboat Key
Longboat Key, Florida

Re: Surety Bond covering groin installation of
Mr. Herbert Fields.

Dear Mr. Lanier:

Reference is made to your recent telephone call in which you requested information as to whether the present surety bond covering the installation of one groin for Mr. Fields would be sufficient to cover the installation of two additional groins.

This question has been referred to our department attorney, Mr. Philip S. Bennett, who has reviewed the present surety bond and permit for the one groin and has stated that, in his opinion, since the present bond specifically refers to the permit approved September 21, 1965, for the installation of one groin, it will be necessary to revise the present bond to include all three groins.

Sincerely,

W. T. Carlton, Director
Division of Beaches and Shores

WTC/ah

Copy sent to Mike
May 20, 1966

U. S. ARMY ENGINEER DISTRICT, JACKSONVILLE
CORPS OF ENGINEERS

575 RIVERSIDE AVENUE

JACKSONVILLE 2, FLORIDA

ADDRESS REPLY TO:

DISTRICT ENGINEER
U. S. ARMY ENGINEER DISTRICT, JACKSONVILLE
P. O. BOX 4070
JACKSONVILLE 1, FLORIDA

REFER TO FILE NO.

SAJSP Permits (65-501)

3 May 1966

Mr. W. T. Carlton
Division of Beaches and Shores
Florida Board of Conservation
107 West Gaines Street
Tallahassee, Florida

Dear Mr. Carlton:

Inclosed is a copy of application for modification of Department of the Army permit dated 27 January 1966 from Mr. Richard W. Cooney, in behalf of Mr. Herbert P. Field, with inclosures.

There are no objections to the proposed work insofar as navigation is concerned and we propose to issue a modified permit without public notice on or about 13 May 1966 unless your agency or the Town of Longboat Key should object.

Sincerely yours,

1 Incl
Cy ltr 1-27-66 w/appln
for coastal construction
& prt in 3 sheets

A. L. McKNIGHT
Chief, Operations Division



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS
P. O. BOX 4970
JACKSONVILLE, FLORIDA 32201

IN REPLY
REFER TO: SAJSP Permits (65-501)

3 May 1966

Mr. G. M. Lanier, Town Manager
Town of Longboat Key
Longboat Key, Florida

Dear Mr. Lanier:

Inclosed is a copy of application for modification of Department of the Army permit dated 27 January 1966 from Mr. Richard W. Cooney, in behalf of Mr. Herbert P. Field, with inclosures.

Prior to final action on this application, information would be appreciated as to whether or not the proposed two groins are in accordance with the master plan of the Town of Longboat Key for gulf beach protection.

Sincerely yours,

A. L. McKNIGHT
Chief, Operations Division

1 Incl
Cy ltr 1-27-66 w/appln
for coastal construction
& prt in 3 sheets

Copy to: (w/o incl)
Mr. W. T. Carlton

COONEY & PALMER
ATTORNEYS AT LAW
356 HARDING CIRCLE
ST. ARMANDS KEY
SARASOTA, FLORIDA 33577

RICHARD W. COONEY
J. DEAN PALMER

TELEPHONE 388-3668
AREA CODE 813

January 27, 1966

(Mailed April 5, 1966)

District Engineer
U.S. Army Engineer District
P.O. Box 4970
Jacksonville, Florida 32201

DE	DDE(ICS)	EA	DDE
ENG	CONST	CH	COMP
CHF	CHF	CHF	AUD
ASST	ASST CH	ASST	BUD
MIL	ASST(A)	PMTS	MGT
DESG	S&I	STAT	PRO
PLAN	CH ENG	PLT	F&A
SURV	S.B.R.	NAV	COST
PROG	DMS	APC	FIN
CD	CFBC	JAX RES	DISB
SVC			EXAM
ICS			PAY
			ILU

ACTION TAKEN BY _____
IN _____ DATE _____

Dear Sir:

On behalf of Herbert P. Field I request a permit for the construction of two groins to be built as shown on the plans prepared by John A. Murphy, Consulting civil engineer, Florida Certificate 4877.

These groins will be constructed in the Gulf of Mexico in front of Mr. Field's property (known as Colony Beach Resort) located approximately 3½ miles from the south end of Longboat Key, a municipal corporation, Sarasota County, Florida. The owner is presently constructing (under appropriate permits and your permit SAJSP permit number 65-501) a groin in the approximate center of his beach frontage, and proposes to build two additional groins as shown on the drawings submitted.

The adjacent property owners are indicated on the drawings.

Sincerely yours,

Application by R. W.
Cooney, Attorney hereby
approved.

Richard W. Cooney
Richard W. Cooney

Herbert P. Field
Herbert P. Field

APPLICATION FOR COASTAL CONSTRUCTION

PERMIT - TOWN OF LONGBOAT KEY

APPLICATION IS HEREBY MADE FOR A PERMIT FOR CERTAIN COASTAL CONSTRUCTION AND THE FOLLOWING INFORMATION IS SUBMITTED:

A. NAME AND ADDRESS OF APPLICANT PROPERTY OWNER:
HERBERT P. FIELD, 4420 E. VENUE DRIVE, SARASOTA, FLORIDA

B. LEGAL DESCRIPTION OF LANDS PRIMARILY IN FRONT OF WHICH CONSTRUCTION IS PLANNED, TO WHICH MAP WHICH IS ENCLOSED REFERENCE IS MADE, AND THE OFFICE OF THE SARASOTA COUNTY ASSESSOR, PO BOX 111, WILKESVILLE OF THE PROPERTY INVOLVED.

1. IT IS PROPOSED TO INSTALL TWO DAMMABLE CONCRETE GROINS AT THE NORTH AND SOUTH LOCATIONS SHOWN ON GRAY 4/30 TO BUILD UP THE BEACH AND HOLD THEM AGAINST FUTURE EROSION AND TO SAVE PLANT PROPERTY IMPROVEMENTS THAT HAVE BEEN MADE ON THE LAND. IT IS EXPECTED THAT THESE GROINS WILL HAVE NO ADVERSE EFFECT ON ADJOINING PROPERTY. THESE GROINS EACH WILL BE 120 FEET IN LENGTH.

2. A LOCATION MAP IS ATTACHED AS REQUIRED.

3. THE NAMES AND ADDRESSES OF ADJACENT PROPERTY OWNERS WITHIN 1000 FEET ARE LISTED ON THE LOCATION MAP.

4. A CHECK FOR THE PROPOSED CONSTRUCTION IN THE AMOUNT OF \$450.00 WAS PAID SEPTEMBER 15, 1955.

5. A BOND IN THE AMOUNT OF \$450.00 WAS FURNISHED FOR THE CONSTRUCTION OF THE BEACH GROINS WHICH IS ADOLESCENT. A LOCATION MAP FOR THE GROINS, MARINE CONTRACTOR FOR THE REMOVAL AND REPAIR OF THE BEACH GROINS, GRAY 4/30, 1161 W. LINDEN ST., SARASOTA, FLORIDA, IS OUR UNDERSTANDING THAT THE LOCATION MAP WILL BE REVISION TO INCLUDE ALL THREE (3) GROINS.

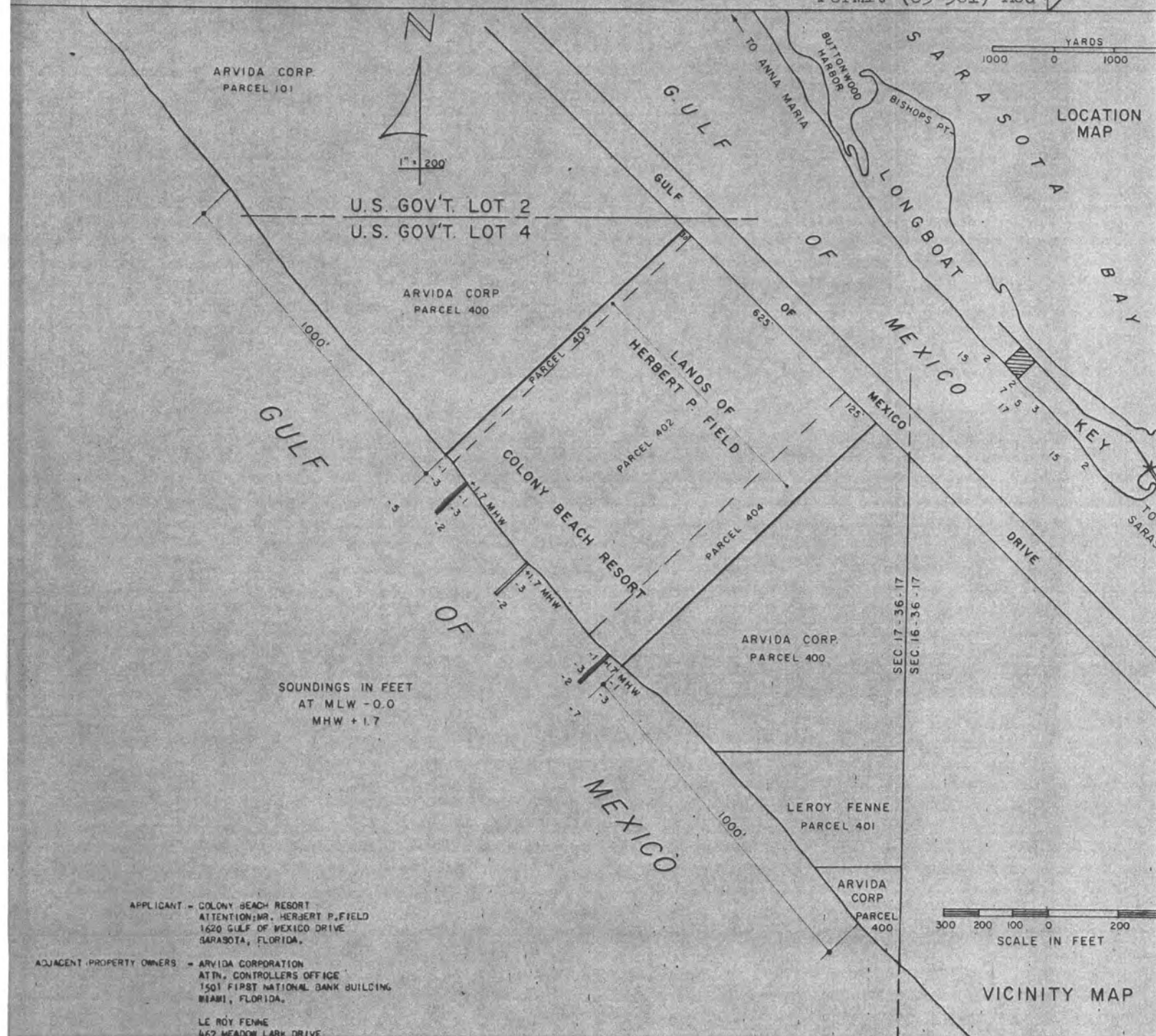
6. SINCE THE PROPOSED CONSTRUCTION IS NOT SUBSTANTIALLY SIMILAR TO THAT SPECIFIED IN THE TOWN'S MASTER PLAN, ADDITIONAL DRAWINGS BY JOHN A. MURPHY, CONSULTING CIVIL ENGINEER, FLORIDA CERTIFICATE 4877, ARE ATTACHED AND USED BY THE ENGINEER'S STATEMENT OF COMPLIANCE WITH THE MASTER PLAN.

RESPECTFULLY SUBMITTED

DATED

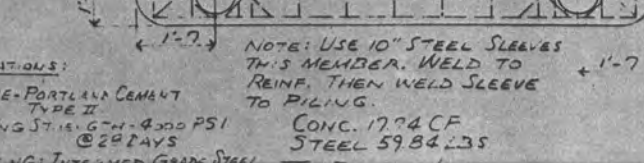
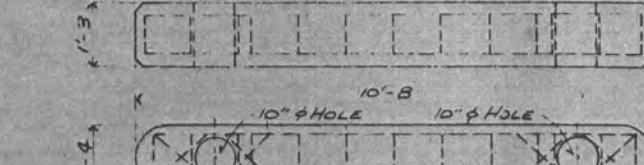
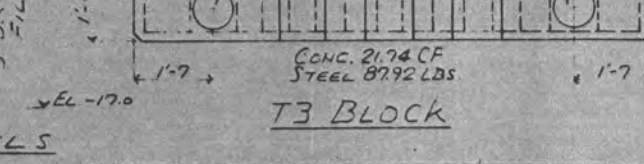
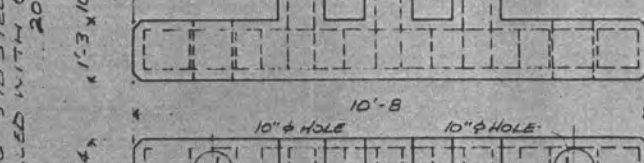
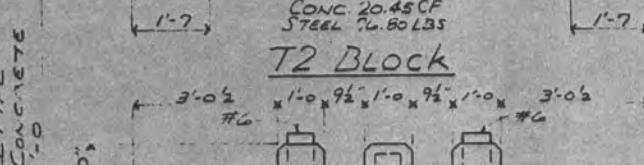
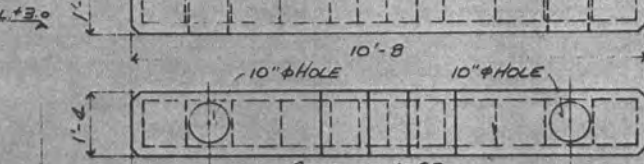
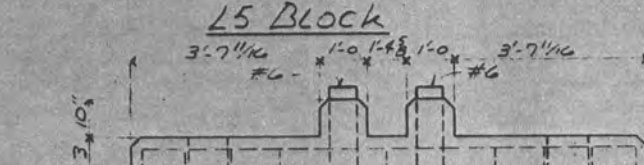
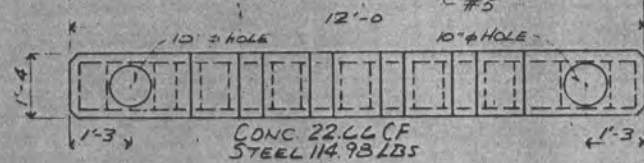
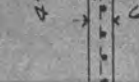
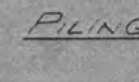
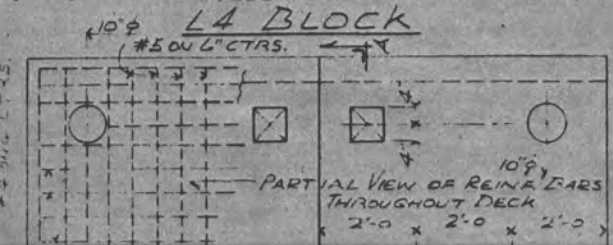
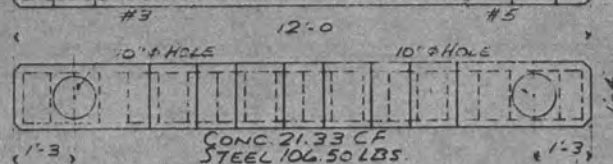
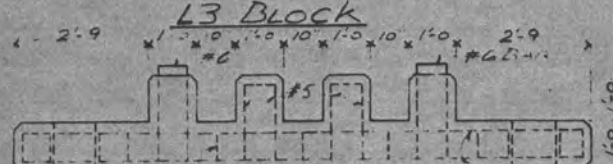
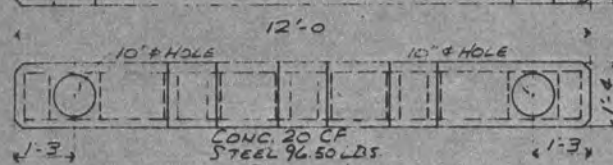
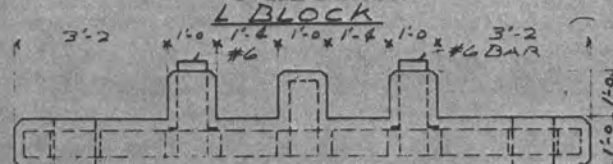
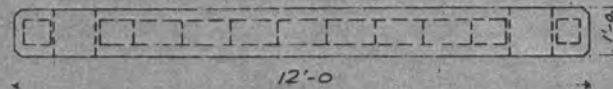
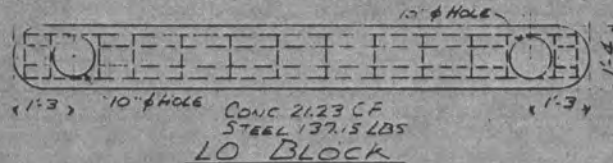
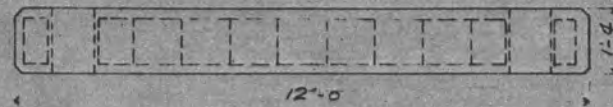
HERBERT P. FIELD, OWNER

Permit (65-501) Mod





Permit (65-501) Mod



5" DIA. STD STEEL PIPE
FILLED WITH CONCRETE
@ 12" CTRS.

PLING DETAILS

SPECIFICATIONS:

CONCRETE-PORTLAND CEMENT
TYPE II
CRUSH NG ST. 15,000 PSI
@ 28 DAYS
REINFORC NG: INTERMED. GRADE STEEL

NOTE: USE 10" STEEL SLEEVES
THIS MEMBER. WELD TO
REIN. THEN WELD SLEEVE
TO PILING.

CONC. 17.74 CF
STEEL 59.84 LBS

April 11, 1966

Mr. Herbert P. Field,
Colony Beach Resort,
1620 Gulf of Mexico Drive,
Longboat Key, Florida

Re: Application for permit to construct
two (2) Makepeace Wood groins.

Dear Mr. Field:

This will acknowledge receipt of your application for a permit to construct two (2) Makepeace Wood groins in the Gulf of Mexico adjacent to the Colony Beach Resort, Longboat Key, Florida.

Everything seems to be in order with the exception of item G in the application. Before the application can be processed it will be necessary for you to forward to this office the re-written bond covering the removal of three groins which will supercede the original bond covering one groin. Please submit with one copy.

Sincerely yours,
TOWN OF LONGBOAT KEY

G.M. Lanier
Town Manager

GML/adl
cc John Murphy
R.W. Cooney

File

TO: Property Owners,
FROM: Town of Longboat Key, Florida
SUBJECT: Proposed construction

Application has been made to the Town of Longboat Key to construct 2 Makepeace Wood groins adjacent to the property of Herbert P. Field, Colony Beach Resort, Longboat Key, Florida.

Enclosed you will find maps indicating location and details of each proposed groins. Should you have any objections or comments to make relative to these proposed groins, please let us have them not later than August 1, 1966.

Sincerely,
TOWN OF LONGBOAT KEY

G.M. Lanier
Town Manager

Enclosure

APPLICATION FOR COASTAL CONSTRUCTION

PERMIT - TOWN OF LONGBOAT KEY

APPLICATION IS HEREBY MADE FOR A PERMIT FOR CERTAIN COASTAL CONSTRUCTION AND THE FOLLOWING INFORMATION IS SUBMITTED:

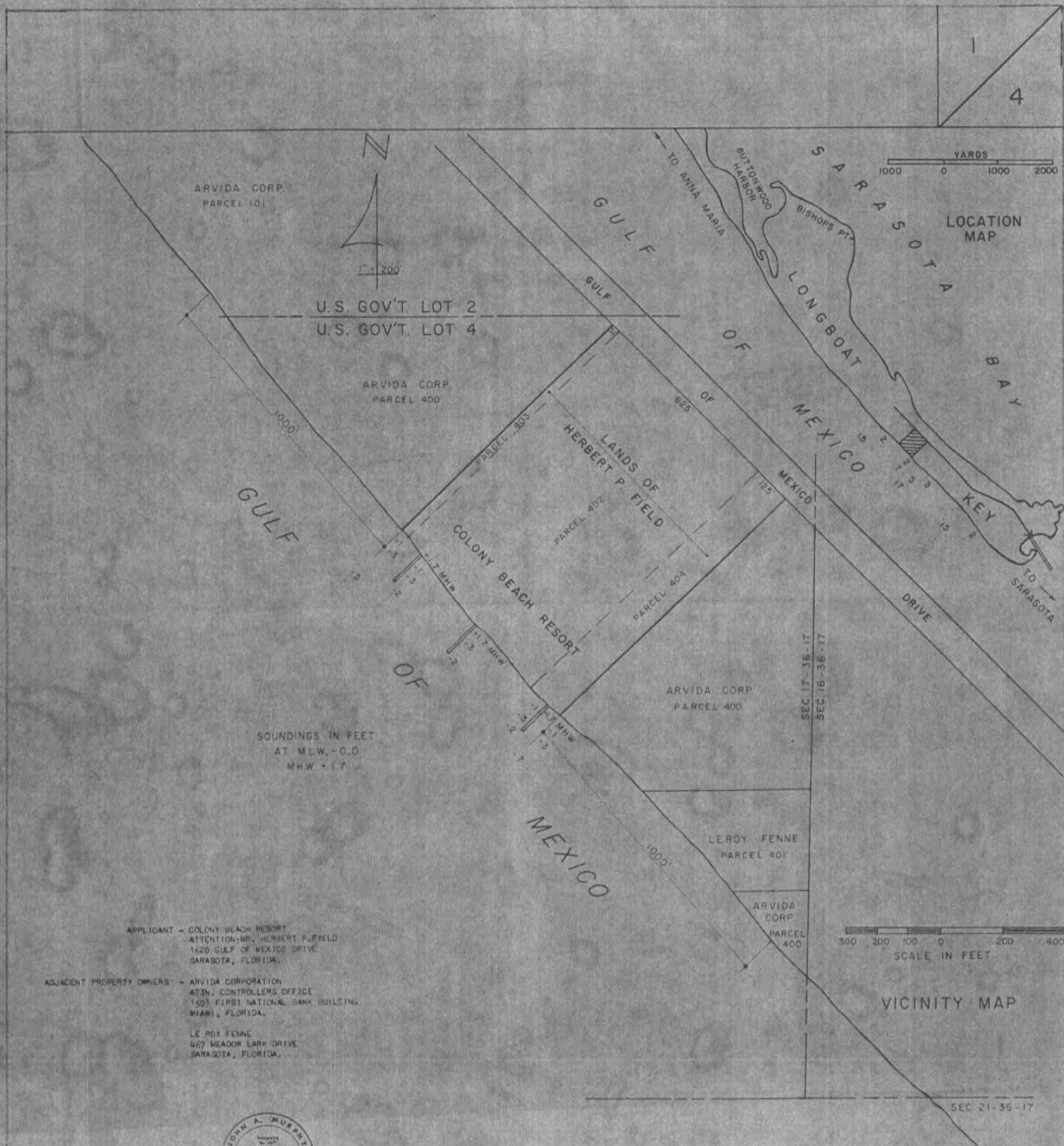
- A. NAME AND ADDRESS OF APPLICANT PROPERTY OWNER:
HERBERT P. FIELD, 1620 GULF OF MEXICO DRIVE, SARASOTA, FLORIDA.
- B. LEGAL DESCRIPTION OF UPLAND PROPERTY IN FRONT OF WHICH CONSTRUCTION IS PLANNED: SEE LOCATION MAP WHICH IS ENCLOSED ALSO FIND ENCLOSED TAX ROLL FORMS FROM THE OFFICE OF THE SARASOTA COUNTY TAX ASSESSOR INDICATING OWNERSHIP OF THE PROPERTY INVOLVED.
- C. IT IS PROPOSED TO INSTALL TWO PERMEABLE CONCRETE GROINS AT THE NORTH AND SOUTH LOCATIONS SHOWN ON SHEET 2/3, TO BUILD UP THE BEACH AND HOLD IT AGAINST FURTHER EROSION AND TO SAVE REAL PROPERTY IMPROVEMENTS THAT HAVE BEEN MADE ON HIS LAND. IT IS EXPECTED THAT THESE GROINS WILL HAVE NO ADVERSE EFFECT ON ADJOINING PROPERTIES THESE GROINS EACH WILL BE 120 FEET IN LENGTH.
- D. A LOCATION MAP IS ATTACHED AS REQUIRED.
- E. THE NAMES AND ADDRESSES OF ADJACENT PROPERTY OWNERS WITHIN 1000 FEET ARE LISTED ON THE LOCATION MAP.
- F. A CHECK FOR THE PROCESSING FEE IN THE AMOUNT OF \$ 45.00 WAS PAID SEPTEMBER 15 1965.
- G. A BOND IN THE AMOUNT OF \$ 13,200.00 WAS FURNISHED FOR THE CONSTRUCTION OF THE CENTER GROIN WHICH IS NOW UNDERWAY. A QUOTATION FROM JOHN T. GARDNER, MARINE CONTRACTOR FOR THE REMOVAL AND DISPOSAL OF THREE (3) PIER/GROINS EACH 120 FEET IN LENGTH IS HEREBY SUBMITTED. IT IS OUR UNDERSTANDING THAT THE ORIGINAL BOND WILL BE RE-WRITTEN TO INCLUDE ALL THREE (3) OF THE GROINS.
- H. SINCE THE PROPOSED CONSTRUCTION IS NOT SUBSTANTIALLY SIMILAR TO THAT SPECIFIED IN THE TOWN'S MASTER PLAN, ADDITIONAL DRAWINGS BY JOHN A. MURPHY, CONSULTING CIVIL ENGINEER, FLORIDA CERTIFICATE 4877, ARE ATTACHED IN LIEU OF THE ENGINEER'S STATEMENT OF COMPLIANCE WITH THE MASTER PLAN.

RESPECTFULLY SUBMITTED,


HERBERT P. FIELD, OWNER

DATED April 5, 1966

ENCLOSURES
COPIES TO - CORPS OF ENGINEERS
FLORIDA BOARD OF CONSERVATION



LOCATION MAP

VICINITY MAP

APPLICANT - COLONY BEACH RESORT
ATTENTION: MR. HERBERT P. FIELD
1620 GULF OF MEXICO DRIVE
SARASOTA, FLORIDA

ADJACENT PROPERTY OWNERS - ARVIDA CORPORATION
ATTN: CONTROLLERS OFFICE
1501 FIRST NATIONAL BANK BUILDING
MIAMI, FLORIDA

LE ROI FENNE
467 MEADOW LARK DRIVE
SARASOTA, FLORIDA



John A. Murphy
7/23/1965

PERMEABLE CONCRETE GROINS FOR SHORE EROSION CONTROL
BY MAKEPEACE WOOD, INC., P.O. BOX 596 SARASOTA, FLORIDA
COPYRIGHT RESERVED - PATENT PENDING

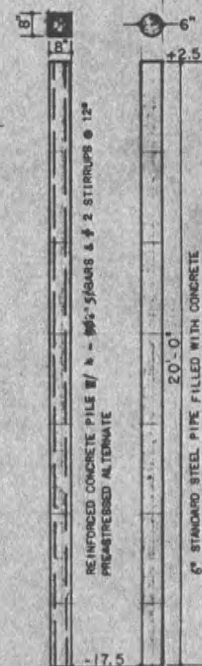
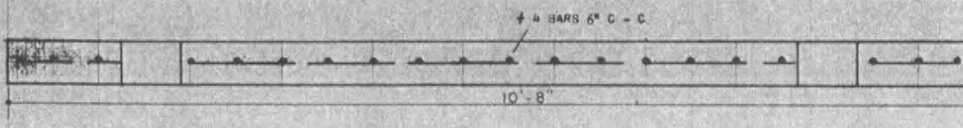
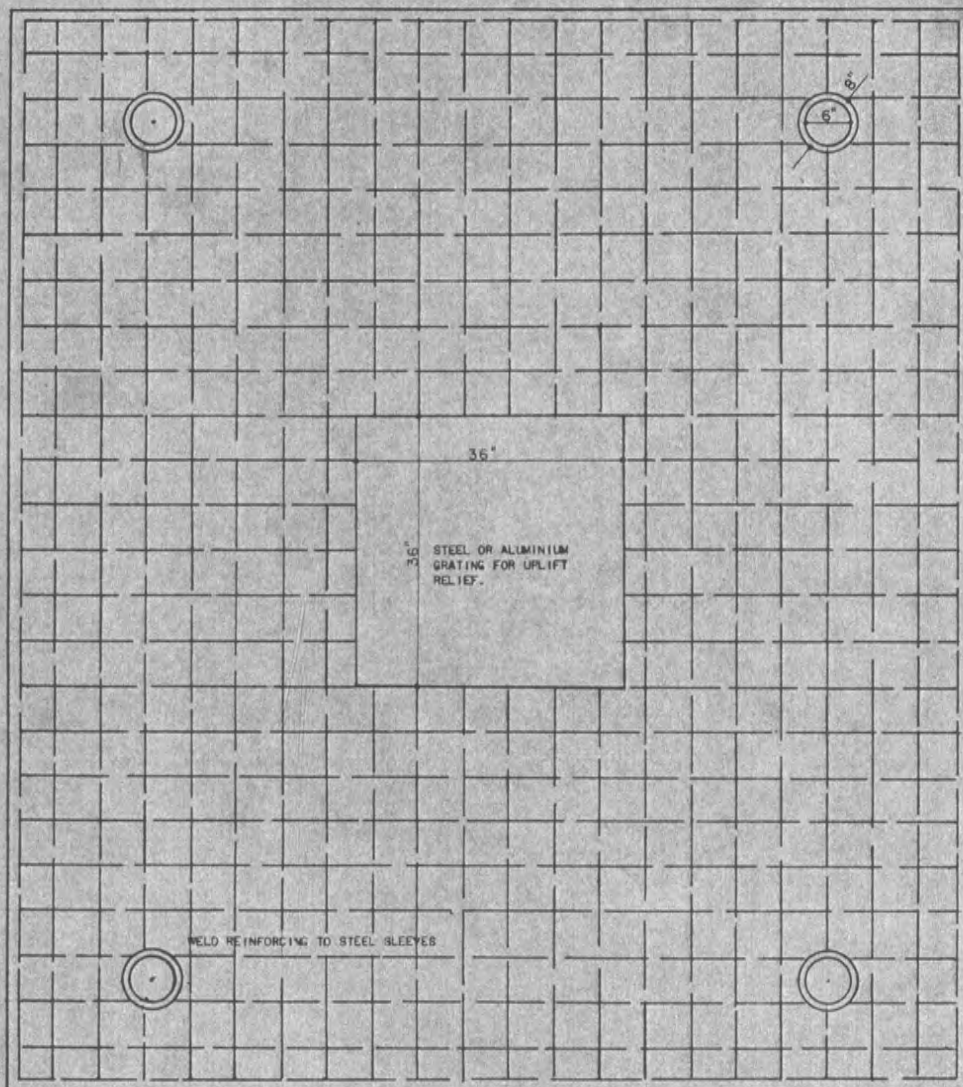
PROPOSED PERMEABLE CONCRETE GROINS
IN THE GULF OF MEXICO - TOWN OF LONGBOAT KEY
SARASOTA COUNTY FLORIDA

APPLICANT - COLONY BEACH RESORT
HERBERT P. FIELD - OWNER

PREPARED BY - JOHN A. MURPHY
CONSULTING CIVIL ENGINEER
JULY 23 1965 FLORIDA CERTIFICATE 8877

4

4



PILING DETAILS

CONCRETE 2,377 CUBIC YARDS
 REINF. STEEL 561.75 POUNDS
 INTERMEDIATE GR. STEEL SLEEVES 4
 WEIGHT 9,605 POUNDS
 SPECIFIED CRUSHING STRENGTH OF CONCRETE
 4,000 POUNDS PER SQUARE INCH @ 28 DAYS
 USE HYDROCID IN THE MIXTURE FOR SALT
 WATER PROTECTION

REINFORCED CONCRETE DETAILS

DECK FOR SHORE EROSION GROIN

JOHN A. MURPHY
 CONSULTING CIVIL ENGINEER
 304 N. GERSHWIN DRIVE
 SARASOTA, FLORIDA

JULY 12 1965

PERMEABLE CONCRETE GROIN FOR SHORE EROSION CONTROL
 BY MAKEPEACE WOOD, INC. P.O. BOX 596, SARASOTA, FLORIDA
 COPYRIGHT RESERVED - PATENT PENDING.



RANDOLPH HODGES, Director
TELEPHONE 224-7141



Florida

Board of Conservation

107 WEST GAINES STREET • TALLAHASSEE 32304

FARRIS BRYANT, Governor
TOM ADAMS, Secretary of State
RICHARD W. ERVIN, Attorney General
RAY E. GREEN, Comptroller
J. EDWIN LARSON, Treasurer
THOMAS D. BAILEY, Superintendent of
Public Instruction
DOYLE CONNER, Commissioner of Agriculture

August 10, 1965

Mr. John A. Murphy
Consulting Civil Engineer
304 Gershwin Avenue
Sarasota, Florida

Dear Mr. Murphy:

Application for groins for Colony Beach Resort on Longboat Key has been received. Your attention is directed to the omission of the \$100.00 processing fee required at the time of submission of application.

Your attention is also directed to drawing E 920-26 of the Longboat Key Master Control Plan. I am returning your drawings with the request that the base and control line from this master plan be shown thereon. Recommendation will not be made for groins which extend beyond this control line. Also please show MEW and MLW lines on sheet 2/4 of your drawings.

Upon receipt of these revised plans and the \$100 processing fee we will proceed to process this application.

Sincerely,

W. T. Carlton, Director
Division of Beaches and Shores

WTC:jk

U. S. ARMY ENGINEER DISTRICT, JACKSONVILLE

CORPS OF ENGINEERS

575 RIVERSIDE AVENUE

JACKSONVILLE 2, FLORIDA

ADDRESS REPLY TO:

DISTRICT ENGINEER
U. S. ARMY ENGINEER DISTRICT, JACKSONVILLE
P. O. BOX 4070
JACKSONVILLE 1, FLORIDA

REFER TO FILE NO. SAJSP Permits (65-501)

2 November 1965

Mr. Herbert P. Field
c/o Mr. John A. Murphy
Consulting Civil Engineer & Land Surveyor
Sarasota, Florida

Dear Mr. Field:

Reference is made to your application for a Department of the Army permit to construct 3 groins in the Gulf of Mexico at your property on Longboat Key, Florida.

Reference is also made to a letter from the Town of Longboat Key under date of 25 October 1965, copy of which letter was furnished you, stating that you propose to construct only one groin, and that the Town of Longboat Key will grant a permit to construct one groin. If this is correct, it will be necessary that you revise your plans to show only one proposed groin. Groins not proposed for construction at this time should be deleted from your drawing. We are returning sheets 1 and 2 of your application tracing for revision as above.

The revised tracings with 10 prints each should be returned to this office for further action.

Sincerely yours,

1 Incl
Tracings, sheets 1 & 2 of 4

A. L. McKNIGHT
Chief, Operations Division

Copy to: (w/o incl)
Area Engr., Cleariston, Fla.

ARVIDA REALTY SALES, INC.

343 HARDING CIRCLE • POST OFFICE BOX 6166 • SARASOTA, FLORIDA • 388-2178

October 29, 1965

Mr. G. M. Lanier
Town of Longboat Key
Longboat Key, Florida

Hello Max:

I wish to acknowledge receipt of and thank you for your letter of October 25th, concerning Colony Beach Resort's application for a groin building permit.

I feel the City of Longboat Key has made the right decision in permitting Herb Field to proceed with one groin in the middle of his property as an experiment - the location of which should preclude the possibility of damage to the adjoining property owners, which in this case is the Arvida Corporation.

I sincerely hope the permeable groin proves to be a success, as it is more desirable along resort type beaches than the one presently being used; however, I have my reservations.

I appreciate your interest and would like to receive notice when the permit is actually issued. I remain

Yours truly,

ARVIDA REALTY SALES, INC.



John P. Siegel

JPS/br

October 25, 1965

Mr. W.T. Carlton
Florida Board of Conservation
107 West Gaines Street
Tallahassee, Florida 32304

Subject: Herbert P. Field,
Application for Groin Permit.

Dear Mr. Carlton:

Forwarded herewith is your copy of the application of Mr. Herbert Field for a permit to construct three (3) groins in the Gulf of Mexico at his property on Longboat Key, Florida. Also included is everything we believe is required by your department for the proper processing of this application. However, if you need anything more, or if something is in error, please let me know at once.

The abutting riparian property owner, Arvida Corporation has been notified with November 10, 1965 as the deadline for receipt of objections.

This office, with your approval, will grant a permit to the applicant for the construction of one (1) groin (the center one as shown on the enclosed sketch) and will be granted on an experimental basis the results of which will be closely watched by our inspector.

Hoping that this application will receive favorable consideration in your office, I am

Sincerely yours,
TOWN OF LONGBOAT KEY

G.M. Lanier
Town Manager

GML/adl
encl.

Florida



Board of Conservation

107 WEST GAINES STREET • TALLAHASSEE 32304

October 4, 1965

Mr. Henry F. Trawick
P.O. Box 3798
Sarasota, Florida

Dear Mr. Trawick:

Your letter to the Honorable Fred O. Dickinson, Comptroller, dated September 16, 1965, relative to the proposed protective structures at the Colony Beach Club on Longboat Key has been referred to this office.

Having first hand knowledge of Mr. Field's problems at the club property, it is our desire to assist him in every way possible. However, the processing of applications for coastal construction permits for Longboat Key is now being handled by the Town of Longboat Key and I have been informed that they are in receipt of this application and will make recommendation to this office.

Since this office has expressed concern as to the type structure Mr. Field proposes in his application, by copy of this letter I am informing Mr. Field that I will be happy to meet with him and the officials of the Town of Longboat Key to discuss this application.

If this arrangement is not satisfactory, we will be happy to hear from you again. Thank you for your interest.

Sincerely,

W. T. Carlton, Director
Division of Beaches and Shores

WTC:jk

cc: Mr. Fred O. Dickinson
Mr. Robert Parker
Mr. G. M. Lanier
Mr. Mr. Herbert Field

SMALLY-WELLFORD & NALVEN

CONSULTING ENGINEERS

133 South McIntosh Road, Sarasota, Florida

P. O. Box 4069

Phone 958-6671

September 28, 1965

Mr. Max Lanier
Town Manager
Town of Longboat Key, Florida

Subject: Groin Application for Field Property

Our Ref: 55-6

Dear Mr. Lanier:

In compliance with your request as set forth in your letter of September 12, 1965 we have reviewed Town Ordinance 105 and the drawings submitted for Mr. Field's proposed groins.

This review has disclosed several variances from the requirements stipulated in the ordinance or depicted on the master plans. The major variation is the proposed extension of the groins about 60 feet seaward of the Control Line shown on the officially adopted Master Plan. The minor variations can await the settlement of this major question.

It is our feeling that a waiver of the Control Line at this time might jeopardize the entire Master Plan. State approval is based upon the plan as a whole and a variation at its inception from its most vital feature does not seem to be in keeping with the reasons advanced by the Town for securing State cooperation, without which the Town ordinance would be meaningless. Ultimate jurisdiction remains with the State, and this should not be forgotten.

The proposed groins are of a permeable type, which we understand is said to permit the littoral drift to move alongshore while retaining sand for build-up of the beach where installed. We assume that they could be constructed inside of the Control Line. We do not feel qualified to pass judgement on this groin, having always pointed out that we do not regard ourselves as experts in this very specialized field. As consulting engineers we attempt to keep abreast of developments, but our basic role is the essential task of applying the principles forthcoming from the experts, who themselves are not engaged in such engineering applications.

Mr. Max Lanier

- 2 -

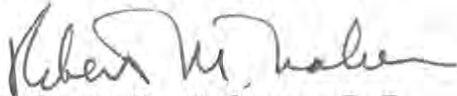
September 28, 1965

Ordinance 105 provides that there may be variations from the type of groin shown on the Master Plan provided the Town and the State Board of Conservation both concur. Inasmuch as the proposed groins are of a different type from that shown on the Master Plan it is our belief that a review should be made by specialists in the field of Coastal Engineering who are acceptable to both the State Board of Conservation and the Town. Such specialists could be the Coastal Engineering Laboratory at Gainesville or someone of equivalent caliber. The question to be answered is as to the potential damage to other properties along the shoreline and not the relative effectiveness of the proposed groin compared to other methods of coastal protection.

We will cooperate to the fullest as to any engineering matters that fall within our province.

Very truly yours,

SMALLY, WELLFORD & NALVEN
Consulting Engineers



Robert M. Nalven, P.E.

In duplicate

RMN:dm

September 22, 1965

Smally, Wellford & Nalven,
P.O. Box 4341,
133 South McIntosh Road,
Sarasota, Florida

Gentlemen:

Forwarded herewith is a copy of the application of Herbert P. Field for a permit to construct a groin in the Gulf of Mexico in front of his property as defined in the sketches attached.

Please review this application and apprise the Town of Longboat Key as to the feasibility of this groin in this particular area and the correctness of the engineering specifications as shown.

Also enclosed is a copy of Town Ordinance No. 105 relevant to coastal construction within the Town.

It would be appreciated if you would run off a copy of the specifications for your files and return our copy along with your comments.

Respectfully yours,
TOWN OF LONGBOAT KEY

G.M. Lanier
Town Manager

GML/adl
encls. 2

September 20, 1965

Mr. A.L. McKnight,
Chief, Operations Division,
U.S. Army Corps of Engineers,
P.O. Box 4970,
Jacksonville, Florida 32201

Dear Mr. McKnight:

This will acknowledge receipt of your letter dated September 16th relevant to the copy of a notice of application filed with the Town of Longboat Key August 25, 1965 by Mr. Herbert P. Field for a Department of the Army permit to construct groins in the Gulf of Mexico at his property on Longboat Key.

The above application was also filed with the Florida Conservation Department, Division of Beaches and Shores, at about the same date. However, the permit was denied by the Conservation Department because the seaward extension of the groins was beyond the control line as defined in the Longboat Key Master Beach Preservation Plan.

The Town of Longboat Key, at the time this application was filed, did not feel it had any legal jurisdiction upon which to base a consideration of the application since the Ordinance adopting the Plan would not become legally effective until September 10, 1965. Consequently the application followed the regular routine in effect up to this time.

It now appears that Mr. Field is making a new application through the Town of Longboat Key which is at this time being processed by this office. When this is complete you will receive a copy of the new application along with recommendations the Town would like to make, and it is expected that this will be in a week or ten days.

Enclosed is a copy of the Longboat Town Ordinance referred to above, and if you do not have a copy of the Plan please let us know and one will be forwarded immediately.

Respectfully yours,
TOWN OF LONGBOAT KEY

G.M. Lanier
Town Manager

GML/adl
encl.



U. S. ARMY ENGINEER DISTRICT, JACKSONVILLE
CORPS OF ENGINEERS
P. O. BOX 4970
JACKSONVILLE, FLORIDA 32201

IN REPLY
REFER TO:

SAJSP Permits (65-501)

16 September 1965

Mr. G. M. Lanier, Town Manager
Town of Longboat Key
Longboat Key, Florida

Dear Mr. Lanier:

Reference is made to the notice of application, copy of which was furnished the Town of Longboat Key on 25 August 1965, by Mr. Herbert P. Field for a Department of the Army permit to construct groins in the Gulf of Mexico at his property on Longboat Key, Sarasota County, Florida.

Prior to final action on this application information would be appreciated as to whether or not the proposed work is in accordance with the master plan of the Town of Longboat Key for gulf beach protection. For your ready reference we are inclosing another copy of the public notice with print in 4 sheets attached. You will note that the notice period expires on 22 September 1965. Your reply on or prior to that date would be appreciated. If additional time is needed for your investigation please notify the District Engineer.

Sincerely yours,

A. L. McKNIGHT
Chief, Operations Division

1 Incl
Notice w/print in 3 sheets
attached

DEPARTMENT OF THE ARMY
Jacksonville District, Corps of Engineers
P. O. Box 4970
Jacksonville, Florida 32201

SAJSP Permits (65-501)

25 August 1965

NOTICE OF APPLICATION FOR DEPARTMENT OF THE ARMY PERMIT

TO WHOM IT MAY CONCERN:

1. Application has been made to the Department of the Army by Mr. Herbert P. Field, owner of Colony Beach Resort, c/o Mr. John A. Murphy, Consulting Civil Engineer & Land Surveyor, Sarasota, Florida, for a permit to construct 3 groins in the Gulf of Mexico, at applicants' property in Government lot 4, in Sec. 17, Twp. 36 S., Rge. 17 E., on Longboat Key, in Sarasota County, Florida. The proposed concrete and timber groins would be spaced about 270 to 330 feet apart and would extend gulfward about 110 feet from applicants' mean high-water shoreline.
2. Application plans of this work may be seen at the office of the District Engineer, Corps of Engineers, 575 Riverside Avenue, Jacksonville, Florida, and at the office of the Area Engineer, Corps of Engineers, Clewiston, Florida.
3. This public notice is being distributed to all known interested persons in order to assist in developing facts on which decision by the Corps of Engineers can be based. For accuracy and completeness of the record, all data in support of or in opposition to the proposed work should be submitted in writing setting forth sufficient detail to furnish a clear understanding of the reasons for support or opposition. While a Department of the Army permit merely expresses assent so far as the public rights of navigation are concerned, information from interested persons on aspects of the proposed work other than navigation will be accepted and made a part of the record on the application. In cases of conflicting property rights, the Corps of Engineers cannot undertake to adjudicate rival claims. Protests or comments regarding the application under consideration should be submitted to the District Engineer, Corps of Engineers, P. O. Box 4970, Jacksonville, Florida, 32201, in time to be received on or before

22 September 1965.

R. P. Tabb

R. P. TABB

Colonel, Corps of Engineers
District Engineer

RANDOLPH HODGES, Director
TELEPHONE 224-7141

FARRIS BRYANT, Governor
TOM ADAMS, Secretary of State
RICHARD W. ERVIN, Attorney General
RAY E. GREEN, Comptroller
J. EDWIN LARSON, Treasurer
THOMAS D. BAILEY, Superintendent of
Public Instruction
DOYLE CONNER, Commissioner of Agriculture

Florida



Board of Conservation

107 WEST GAINES STREET • TALLAHASSEE 32304

August 19, 1965

Mr. John A. Murphy
Consulting Civil Engineer
304 Gershwin Avenue
Sarasota, Florida

Dear Mr. Murphy:

Thank you for your letter of August 17, 1965, enclosing revised plans for pier groin application for Mr. Herbert P. Field on Longboat Key, showing the base and control lines from the Master Control Plan referred to in my letter of August 10, 1965.

The revised plans indicate that the seaward extension of these groins would be approximately 60 feet seaward of the Master Plan control line. In cooperation with the officials of the Town of Longboat Key we are requiring that the seaward extension of all groins be limited to the control line.

You are requested to revise your application accordingly in order for us to be able to recommend issuance of the requested permit. Should you desire to have this application processed without limiting the seaward extension to the control line we could only recommend to the Florida Board of Conservation that the application for permit be denied.

Sincerely,

W. T. Carlton, Director
Division of Beaches and Shores

WTC:jk
cc: Mr. G. N. Lanier

8/65

TOWN OF LONGBOAT KEY FLORIDA



INCORPORATED NOVEMBER 14, 1955

August 19, 1965

Mr. W.T. Carlton, Director
Division of Beaches and Shores,
Florida Board of Conservation,
107 West Gaines Street,
Tallahassee, Florida 32304

Dear Mr. Carlton:

Relevant to the application of Mr. Herbert P. Field for pier/groin construction at Colony Beach Resort, Longboat Key, Florida, it is the opinion of this office that if a seaward extension of a groin beyond the control line, as already established by Town Ordinance No. 105, is allowed at this time it will establish a bad precedent.

The sketches as drawn and presented by Mr. John A. Murphy indicate that the proposed groins will extend approximately 56 feet beyond the control line thus immediately defeating the major purpose for which our Master Beach Preservation Plan was intended. We have no specific objections to the type of groin but we are concerned about the length of it.

It is hoped that until the above application is revised to conform to the seaward control aspects of our Master Plan that favorable consideration be withheld.

Respectfully yours,
TOWN OF LONGBOAT KEY

G.M. Lanier,
Town Manager

GML/adl

AUGUST 17 1965

FLORIDA BOARD OF CONSERVATION
DIVISION OF BEACHES AND SHORES
ATT: MR. W.T. CARLTON, DIRECTOR
107 WEST GAINES STREET
TALLAHASSEE, FLORIDA 32304

RE: APPLICATION OF MR. HERBERT P. FIELD
FOR PIER/GROIN CONSTRUCTION
COLONY BEACH RESORT,
LONGBOAT KEY, SARASOTA COUNTY, FLORIDA

DEAR MR. CARLTON:

REFERRING TO YOUR LETTER TO ME DATED AUGUST 10 1965
CONCERNING THE ABOVE REFERRED TO APPLICATION, PLEASE FIND ENCLOSED
REVISED DRAWINGS AND PRINTS INDICATING - THE MHW LINE - THE MLW LINE
AND THE BASE AND CONTROL LINES WHICH WERE TAKEN FROM THE LONGBOAT KEY MAP.

I WISH TO POINT OUT THAT THESE PROPOSED STRUCTURES HAVE
BEEN DESIGNED AS COMBINATION PIER/GROINS WITH INCREASING PERMEABILITY
SEAWARD TO ALLOW PASSAGE OF THE LITTORAL CURRENTS.

VERY TRULY YOURS


JOHN A. MURPHY

ENCL - TRACINGS AND 5 SETS
OF PRINTS

CC- MR. MAX LANIER
TOWN MANAGER
TOWN OF LONGBOAT KEY
W/ SET OF DRAWINGS

- FILE

ARVIDA CORP.
PARCEL 101

U.S. GOV'T. LOT 2
U.S. GOV'T. LOT 4

ARVIDA CORP.
PARCEL 400

GULF

COLONY BEACH RESORT

LANDS OF
HERBERT P. FIELD

PARCEL 402

PARCEL 404

ARVIDA CORP.
PARCEL 400

LEROY FENNE
PARCEL 401

ARVIDA
CORP.
PARCEL 400

SOUNDINGS IN FEET
AT MLW -0.0
MHW +1.7

APPLICANT - COLONY BEACH RESORT
ATTN: MR. HERBERT P. FIELD
1620 GULF OF MEXICO DRIVE
SARASOTA, FLORIDA.

ADJACENT PROPERTY OWNERS' - ARVIDA CORPORATION
ATTN. CONTROLLERS OFFICE
1501 FIRST NATIONAL BANK BUILDING
MIAMI, FLORIDA.

LE ROY FENNE
467 MEADOW LARK DRIVE
SARASOTA, FLORIDA.



John A. Murphy
7/23/1965

PERMEABLE CONCRETE GROINS FOR SHORE EROSION CONTROL
BY MAKEPEACE WOOD, INC., P.O. BOX 396 SARASOTA, FLORIDA
COPYRIGHT RESERVED - PATENT PENDING

PROPOSED PERMEABLE CONCRETE GROINS
IN THE GULF OF MEXICO - TOWN OF LONGBOAT KEY
SARASOTA COUNTY FLORIDA

APPLICANT - COLONY BEACH RESORT
HERBERT P. FIELD - OWNER

PREPARED BY - JOHN A. MURPHY
CONSULTING CIVIL ENGINEER
JULY 23 1965 FLORIDA CERTIFICATE 4877

YARDS
1000 0 1000 2000

LOCATION
MAP

SARASOTA
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VICINITY MAP

SEC. 21-36-17

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BASE LINE L&K MAP



	0	+3.4	+2.0 BASE	+1.8	LINE	+2.3	+2.7	+3.4	HYDROGRAPHY	+2.7	+2.3
				+1.0	N41300W	+1.8	+2.0	+2.9			+1.8
5	-2.0	-1.9	MLW -2.0	-2.2		-1.7	-3.6	-3.3	-2.9	-1.5	-2.0
100	-3.6	-3.7	-3.8	-3.8		-3.6	-4.0	-3.9	-3.9	-3.6	-3.2
150	-3.5	-3.7	-3.7	-3.7		-3.8	-3.7	-3.9	-3.9	-3.6	-3.2
	-2.4	-3.1	-3.4	-2.7		-2.7	-2.7	-3.0	-2.7	-3.2	-4.0
	-2.2	-2.5	-3.0	-2.7		-2.4	-2.0	-2.0	-2.5	-2.5	
	-2.4	-2.6					-2.7	-3.1			
								0+00	1+00	2+00	3+00



PROPOSED GROIN CONSTRUCTION IN THE GULF OF MEXICO
TOWN OF LONGBOAT KEY SARASOTA COUNTY FLORIDA

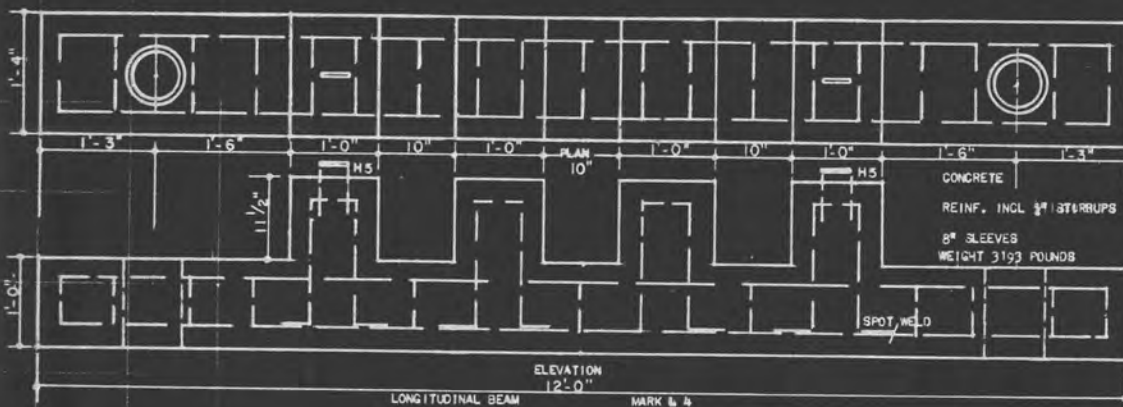
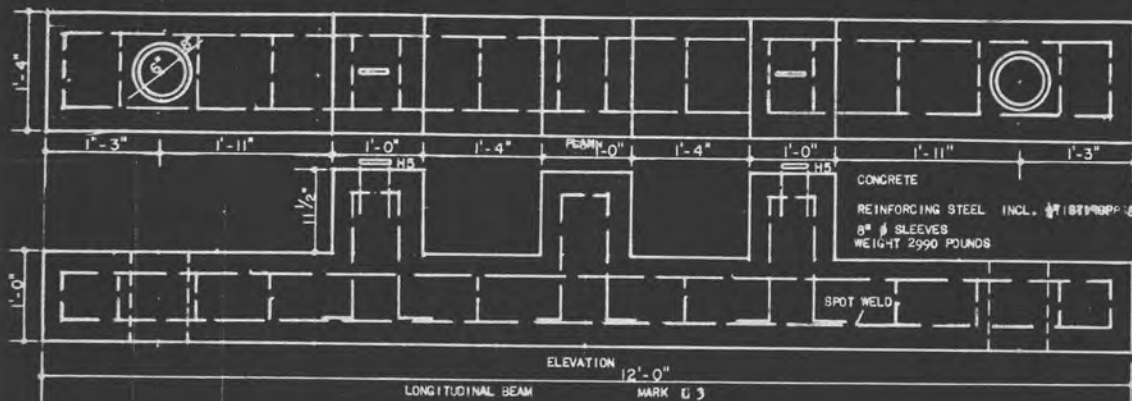
PROPOSED CONCRETE GROINS FOR SHORE EROSION
BY MAKEPEACE WOOD, INC. P.O. BOX 396, SARASOTA, FLORIDA
COPYRIGHT RESERVED - PATENT PENDING

PLOT PLAN & HYDROGRAPHY
COLONY BEACH RESORT
1620 GULF OF MEXICO DRIVE
P.O. SARASOTA, FLORIDA.

JOHN A. MURPHY
CONSULTING CIVIL ENGINEER
DON N. GERBERIN DRIVE

SCALE AS NOTED





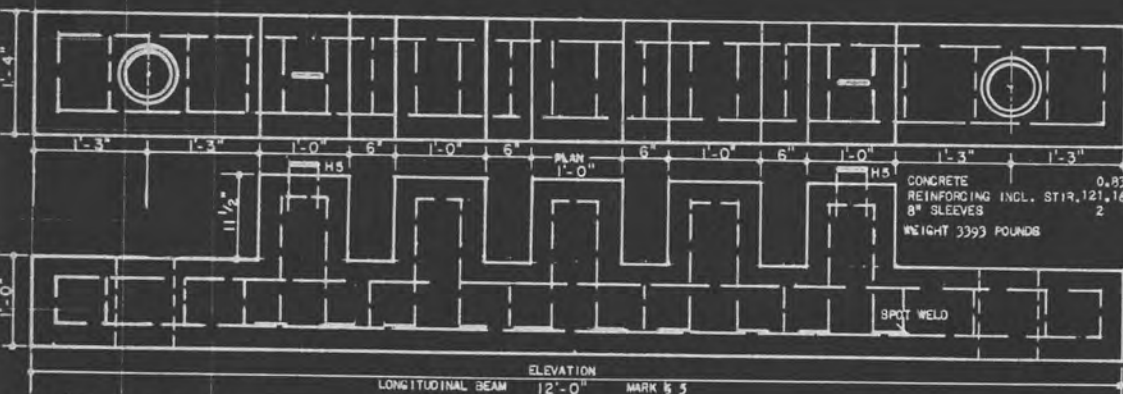
REINFORCING STEEL NOTES

ALL REINFORCING STEEL #5 BARS

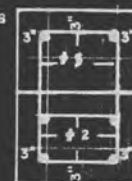
STIRRUPS #2 STEEL EXCEPT AS NOTED

COVER ON REINFORCING = 3 INCHES

STIRRUP SPACING VARIES AS SHOWN



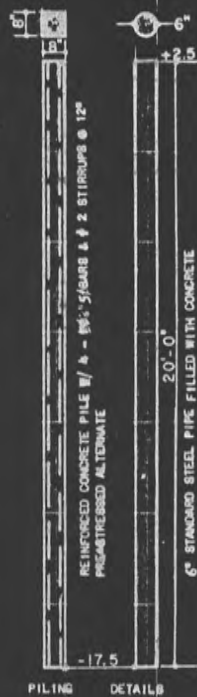
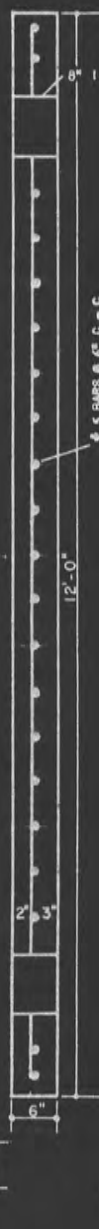
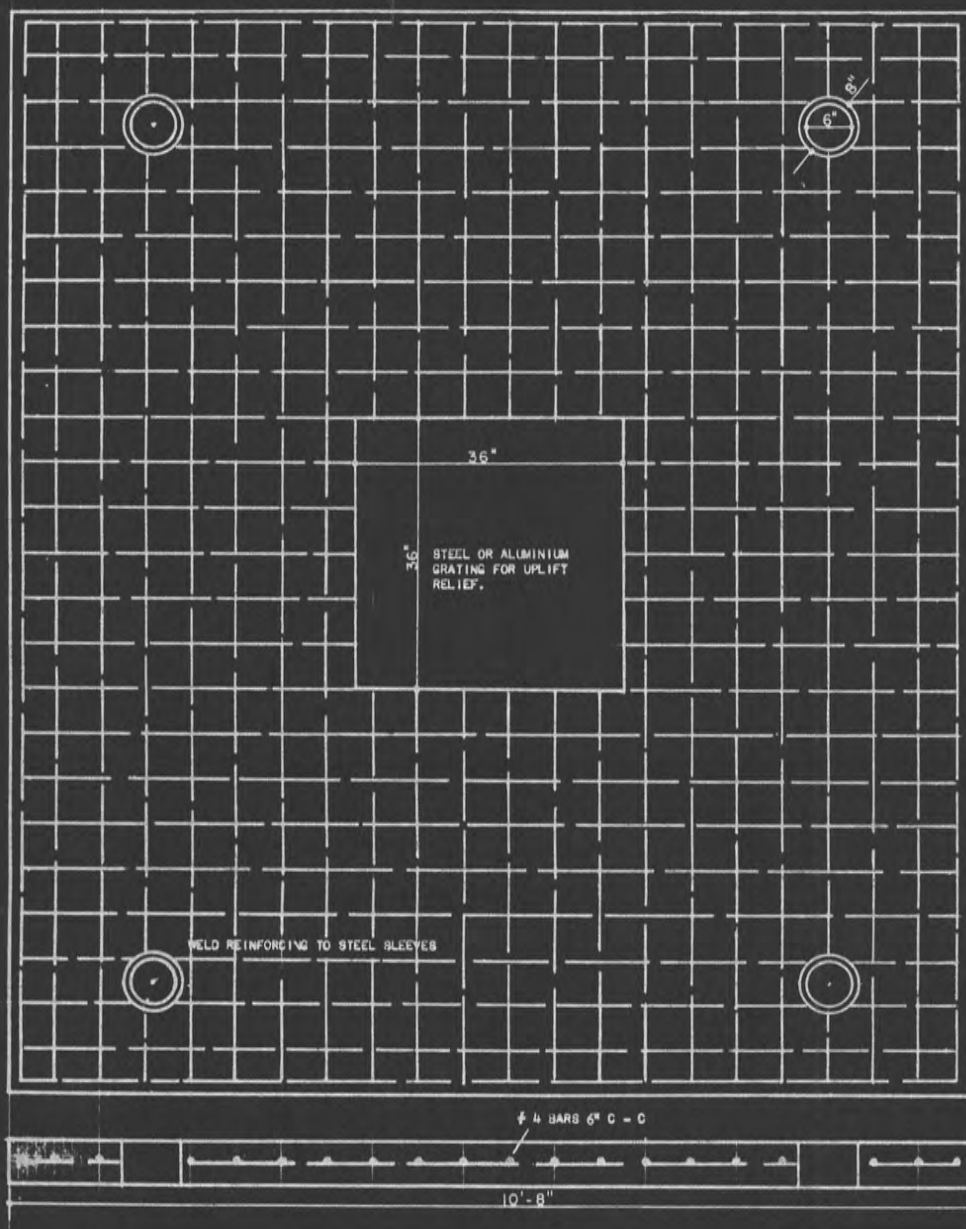
TYPICAL STIRRUPS



CONCRETE - SPECIFIED CRUSHING STRENGTH = 4,000 POUNDS PER SQUARE INCH AT 28 DAYS. USE HYDROXIDE IN THE MIXTURE FOR SALT WATER PROTECTION



#2 STIRRUPS



CONCRETE 2.3777 CUBIC YARDS
 REINF. STEEL 501.70 POUNDS
 INTERMEDIATE GR.
 STEEL SLEEVES 4
 WEIGHT 9.085 POUNDS
 SPECIFIED CRUSHING STRENGTH OF CONCRETE
 4,000 POUNDS PER SQUARE INCH @ 28 DAYS
 USE HYDROCHLORIC IN THE MIXTURE FOR SALT
 WATER PROTECTION

REINFORCED CONCRETE DETAILS
 DECK FOR
 SHORE EROSION GROIN
 JOHN A. MURPHY
 CONSULTING CIVIL ENGINEER
 304 N. GERRARD DRIVE
 SARASOTA, FLORIDA
 JULY 12 1965



PERMEABLE CONCRETE GROIN FOR SHORE EROSION CONTROL
 BY MAKEPEACE WOOD, INC. P.O. BOX 596, SARASOTA, FLORIDA
 COPYRIGHT RESERVED - PATENT PENDING.

RANDOLPH HODGES, *Director*

TELEPHONE 224-7141

Florida



Board of Conservation

107 WEST GAINES STREET • TALLAHASSEE 32304

File
HAYDON BURNS, *Governor*
TOM ADAMS, *Secretary of State*
EARL FAIRCLOTH, *Attorney General*
RAY E. GREEN, *Comptroller*
BROWARD WILLIAMS, *Treasurer*
THOMAS D. BAILEY, *Superintendent of*
Public Instruction
DOYLE CONNER, *Commissioner of Agriculture*

November 17, 1965

Mr. G. M. Lanier
Town Manager
Longboat Key, Florida

Dear Mr. Lanier:

Enclosed you will find the formal permits for the Colony Beach Resort and the Longboat Key Estates Club. These permits were approved by the Florida Board of Conservation on November 16, 1965.

It is requested that you deliver these permits to the proper persons.

Sincerely,

W. T. Carlton, Director
Division of Beaches and Shores

WTC:jk
Enclosures 2

November 9, 1965

Mr. W. T. Carlton, Director
Florida Board of Conservation,
Division of Beaches and Shores,
107 West Gaines Street,
Tallahassee, Florida 32304

Subject: Applications for Permits of
Groin Construction
(1) Herbert P. Field
(2) Longboat Key Estates Club
Association.

Dear Mr. Carlton:

Returned herewith are the executed permits for
the construction of groins by subjects (1) and
(2).

It is hoped everything is in order. If not
shoot them right back and we will take care
of it.

Sincerely yours,
TOWN OF LONGBOAT KEY

G.M. Lanier
Town Manager

GML/adl
encls.

Florida



Board of Conservation

107 WEST GAINES STREET • TALLAHASSEE 32304

HAYDON BURNS, *Governor*
TOM ADAMS, *Secretary of State*
EARL FAIRCLOTH, *Attorney General*
RAY E. GREEN, *Comptroller*
BROWARD WILLIAMS, *Treasurer*
THOMAS D. BAILEY, *Superintendent of*
Public Instruction
DOYLE CONNER, *Commissioner of Agriculture*

November 5, 1965

Mr. Herbert P. Field
1620 Gulf of Mexico Drive
Sarasota, Florida

Dear Mr. Field:

I am enclosing two copies of formal permit DBS 65-76 for the construction of one groin adjacent to your property. Please sign both copies with two witnesses and return both copies to this office for formal action by the Florida Board of Conservation.

Our recommendation to the Board will be for the approval of this application unless objections to its construction are received from adjacent owners by November 10, 1965. I would again like to point out to you that it is our considered opinion, with technical advice, that this structure will not build up your back shore and give you the protection you need.

We do however recognize your sincere desire to protect your property and if you still think this structure may be beneficial we are willing to recommend approval on an experimental basis.

Sincerely,

W. T. Carlton, Director
Division of Beaches and Shores

WTC:jk

cc: Mr. G. M. Lanier

ARVIDA CORP.
PARCEL 101

U.S. GOV'T. LOT 2
U.S. GOV'T. LOT 4

ARVIDA CORP.
PARCEL 400

GULF

COLONY BEACH RESORT

HERBERT P. FIELD
LANDS OF
PARCEL 402
PARCEL 404

ARVIDA CORP.
PARCEL 400

LEROY FENNE
PARCEL 401

ARVIDA
CORP.
PARCEL
400

SOUNDINGS IN FEET
AT MLW -0.0
MHW +1.7

APPLICANT - COLONY BEACH RESORT
ATTENTION: MR. HERBERT P. FIELD
1620 GULF OF MEXICO DRIVE
SARASOTA, FLORIDA.

ADJACENT PROPERTY OWNERS - ARVIDA CORPORATION
ATTN. CONTROLLERS OFFICE
1501 FIRST NATIONAL BANK BUILDING
MIAMI, FLORIDA.

LE ROY FENNE
467 MEADOW LARK DRIVE
SARASOTA, FLORIDA.



John A. Murphy
7/23/1965
2/4/1966

PERMEABLE CONCRETE GROINS FOR SHORE EROSION CONTROL
BY MAKEPEACE WOOD, INC. P.O. BOX 526 SARASOTA, FLORIDA
COPYRIGHT RESERVED - PATENT PENDING

PROPOSED PERMEABLE CONCRETE GROINS
IN THE GULF OF MEXICO - TOWN OF LONGBOAT KE
SARASOTA COUNTY FLORIDA

APPLICANT - COLONY BEACH RESORT
HERBERT P. FIELD - OWNER

PREPARED BY - JOHN A. MURPHY
CONSULTING CIVIL ENGINEER
JULY 23 1965 FLORIDA CERTIFICATE #377

YARDS
1000 0 1000 20

LOCATION
MAP

SARASOTA
LONGBOAT
BISHOPS PT.
TO ANNA MARIA
HARBOR

MEXICO

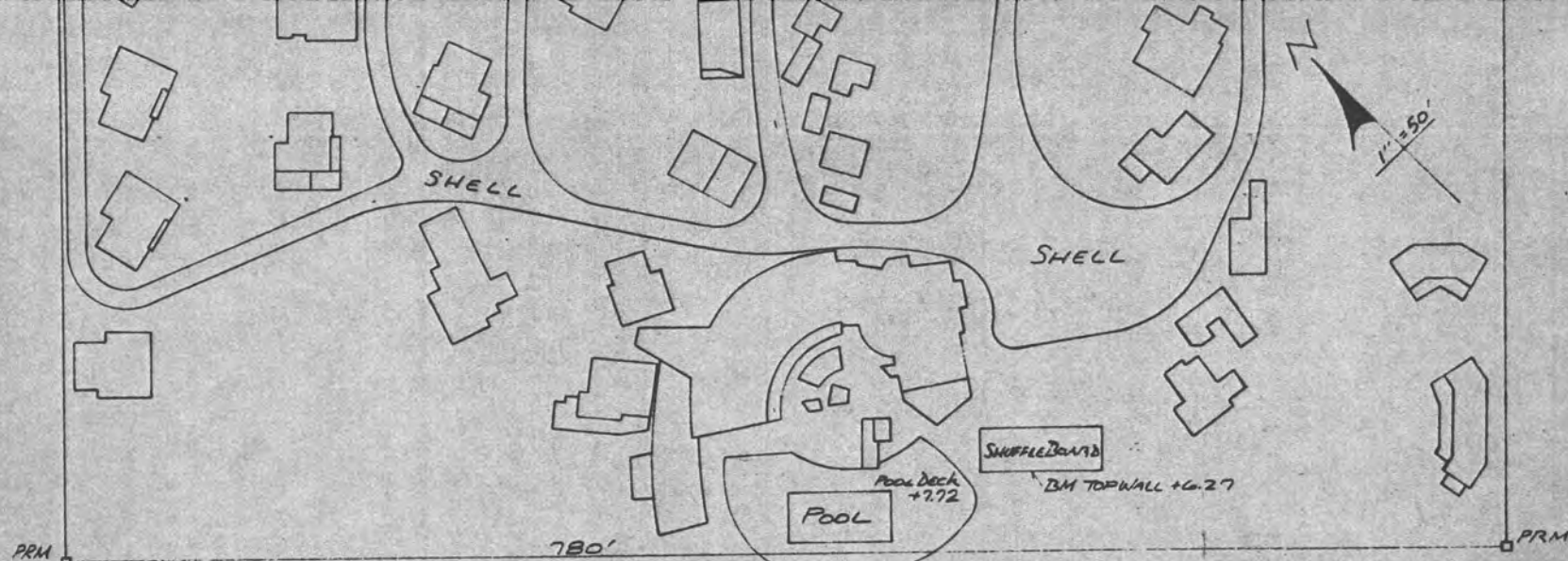
SEC. 17-36-17
SEC. 16-36-17

SCALE IN FEET
300 200 100 0 200

VICINITY MAP

SEC 21-36-17

2
3

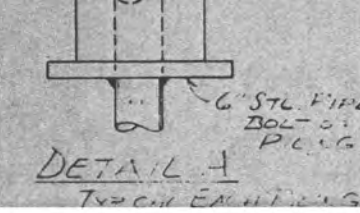
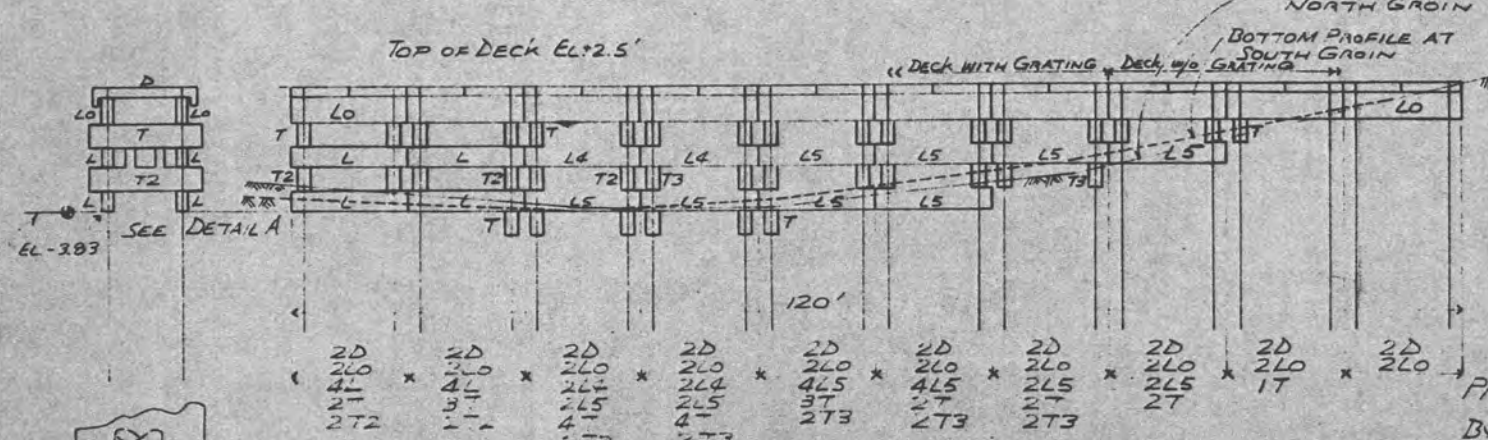


BASE LINE - LONGBOAT KEY MAP

+3.6	+2.0	+1.8	+2.3	+2.7	+3.0	+2.3
MHW						
MLW						
-2.0	-1.9	-2.0	-2.2	-1.7	-3.3	-2.9
-3.6	-3.7	-3.8	-3.8	-3.6	-4.0	-3.9
-3.5	-3.7	-3.7	-3.7	-3.8	-3.9	-3.9
-2.4	-3.1	-3.4	-2.7	-3.7	-3.0	-2.7
-2.2	-2.5	-3.0	-2.7	-2.4	-2.0	-2.5
-2.4					-2.7	
					-3.1	

CONTROL LINE - LONGBOAT KEY MAP

GULF OF MEXICO



NOTE: OFFSHORE TOPOGRAPHY
TAKEN JULY 7 1965.

PREPARED BY JOHN A. MURPHY
CONSULTING CIVIL ENGINEER
304 GERSHWIN DRIVE
SARASOTA - FLORIDA

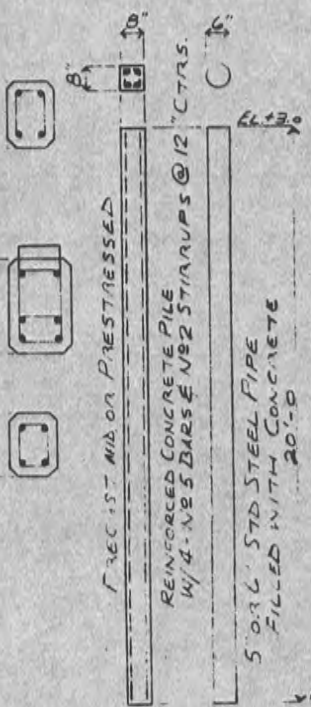
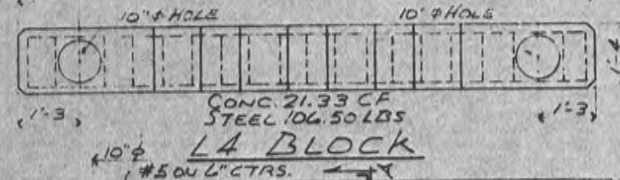
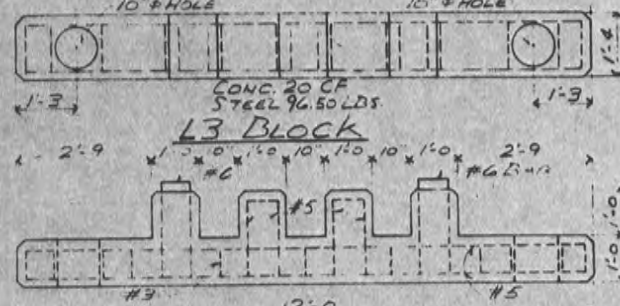
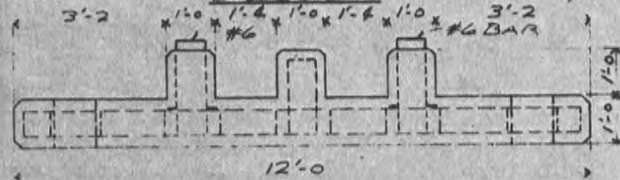
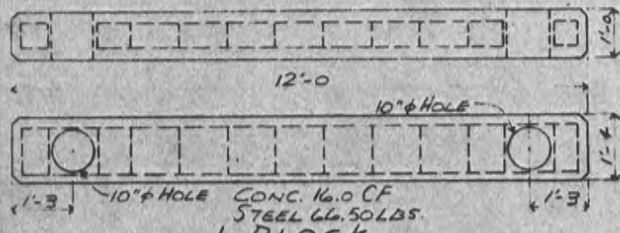
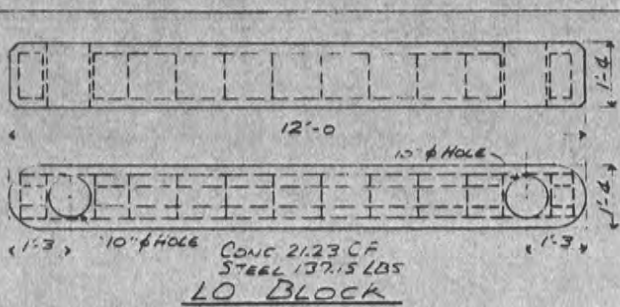
TOTAL PIECES
(EACH GROIN)

6 DECK (w/o GRATING)	8L
14 DECK (WITH GRAT.)	20LO
	4L4
	16L5
	23T
	6T2
	3T3
	105 TOTAL

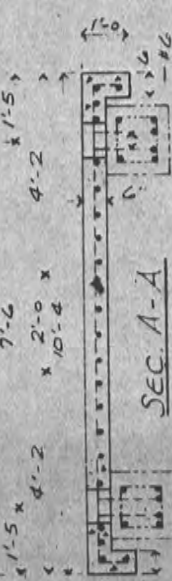
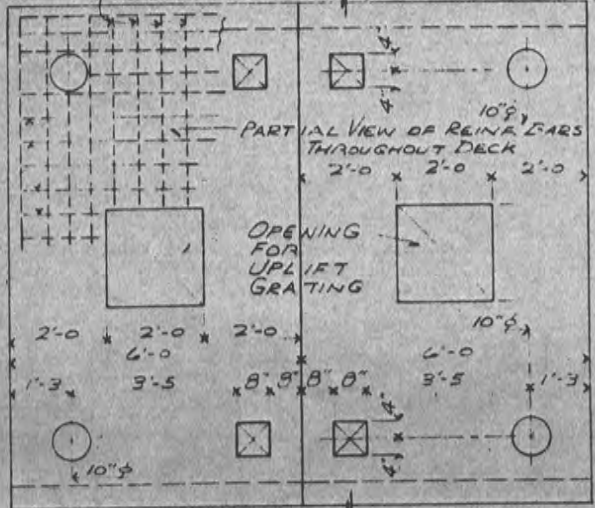
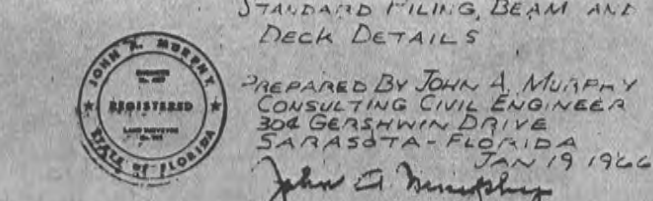
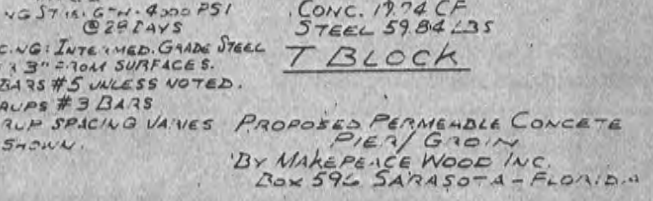
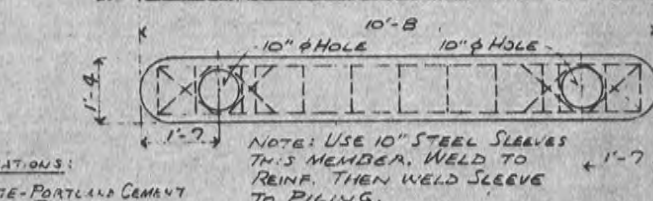
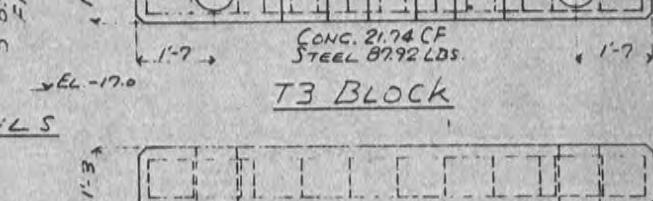
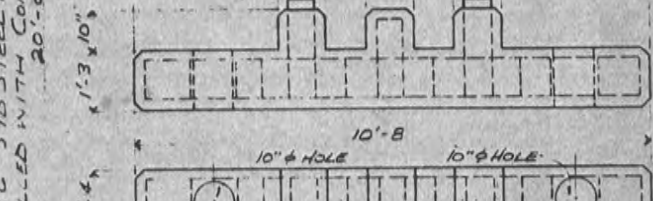
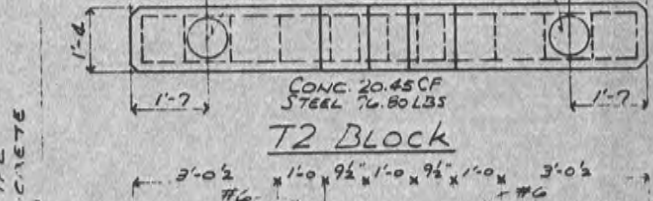
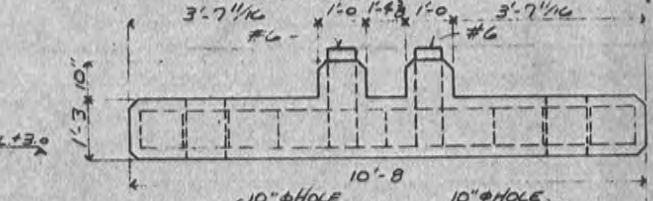
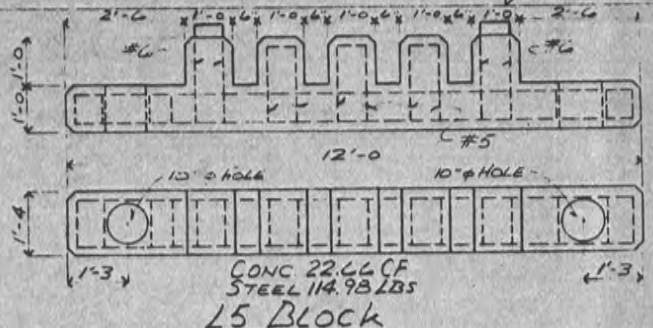
PROPOSED PERMEABLE CONCRETE
PIER / GROIN S
BY MAKEPEACE WOOD INC.
PO BOX 596 SARASOTA FLORIDA
IN THE GULF OF MEXICO
LONGBOAT KEY - MANATEE CO. - FLA.
1 PPL. CHLT - COLONY BEACH RESORT
ATT: MR. HERBERT P. FIELDS
1620 GULF OF MEXICO DR.
SARASOTA - FLORIDA



John A. Murphy
2/4/1966



PILING DETAILS



SPECIFICATIONS:

CONCRETE-PORTLAND CEMENT TYPE II
CURING STRIPS 6" x 4" x 4000 PSI @ 28 DAYS
REINFORCING: INTERMEDIATE GRADE STEEL LOWE 1/3" FROM SURFACES.
ALL BARS #5 UNLESS NOTED.
STIRRUPS #3 BARS
STIRRUP SPACING Varies AS SHOWN.

NOTE: USE 10" STEEL SLEEVES TH-5 MEMBER. WELD TO REINF. THEN WELD SLEEVE TO PILING.

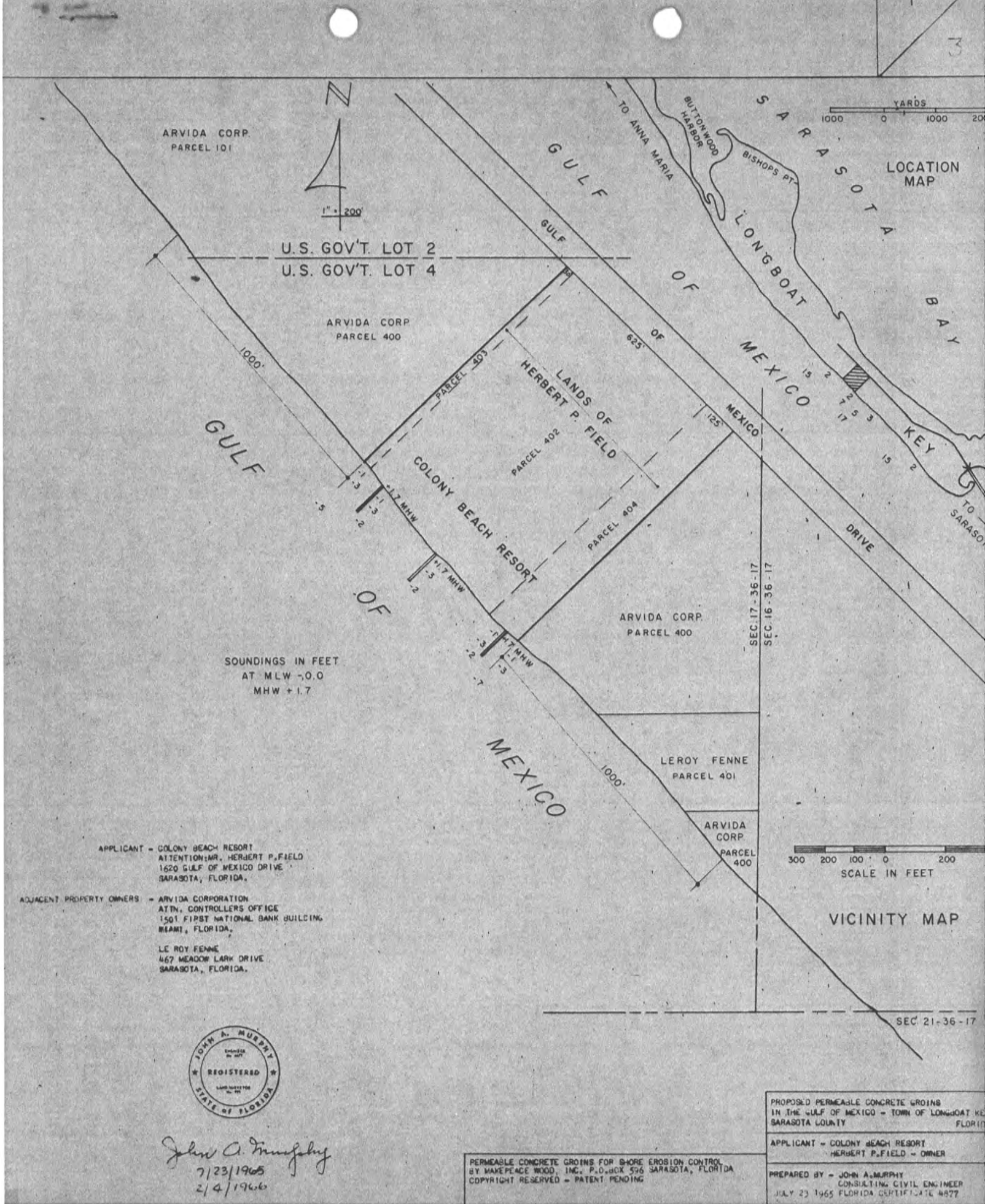
CONC. 19.74 CF
STEEL 59.84 LBS
T BLOCK

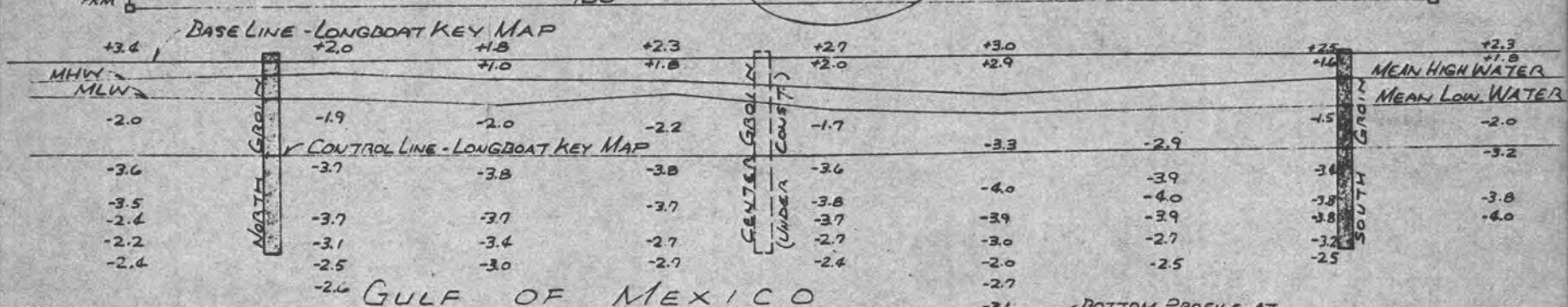
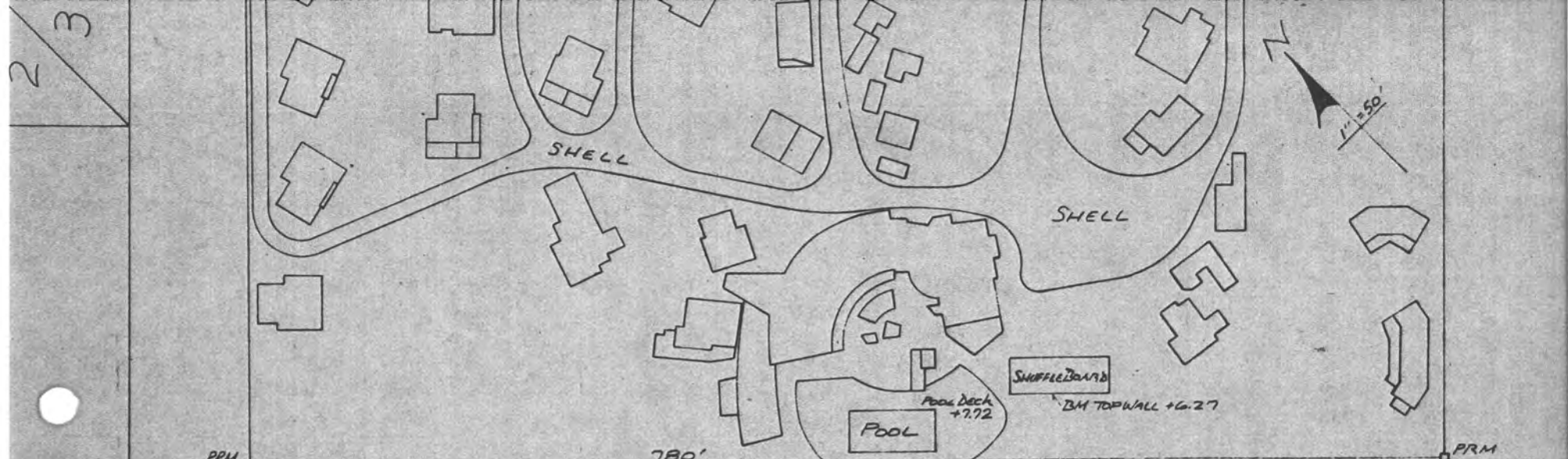
PROPOSED PERMEABLE CONCRETE PIER/GROUT
BY MAKEPEACE WOOD INC.
BOX 596 SARASOTA-FLORIDA

STANDARD PILING, BEAM AND DECK DETAILS
PREPARED BY JOHN A. MURPHY
CONSULTING CIVIL ENGINEER
304 GERSHWIN DRIVE
SARASOTA-FLORIDA
JAN 19 1966
John A. Murphy

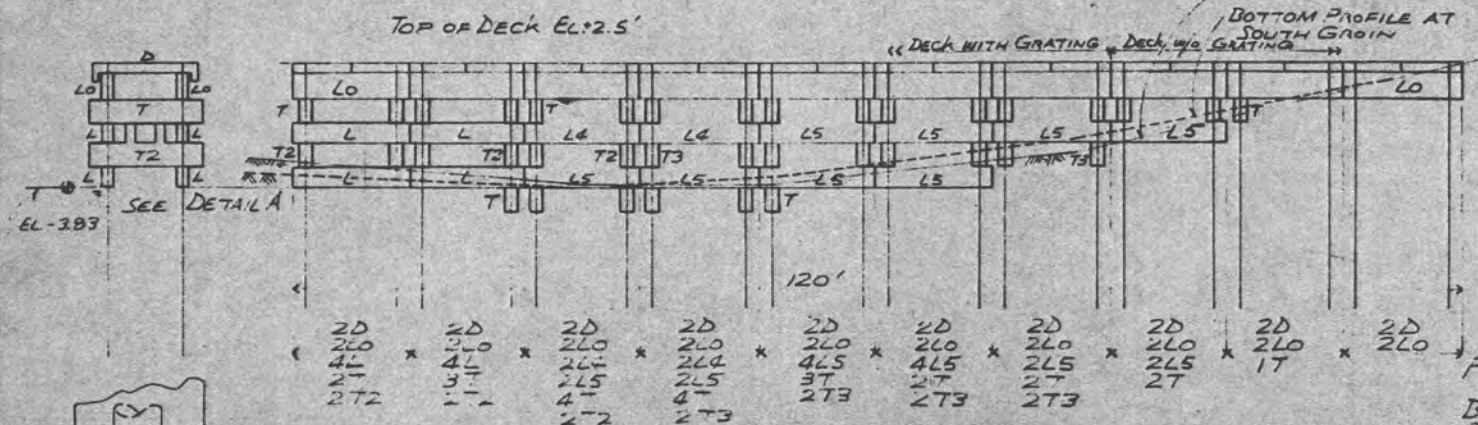


DETAIL OF CONCRETE DECK SHOWING GRID L

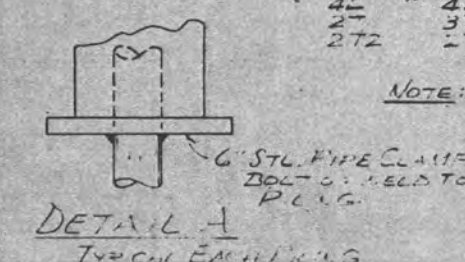




GULF OF MEXICO



TOTAL PIECES
 (EACH GROIN)
 6 DECK (W/O GRATING)
 14 DECK (WITH GRAT.)
 BL
 20LO
 4L4
 16L5
 23T
 6T2
 8T3
105 TOTAL

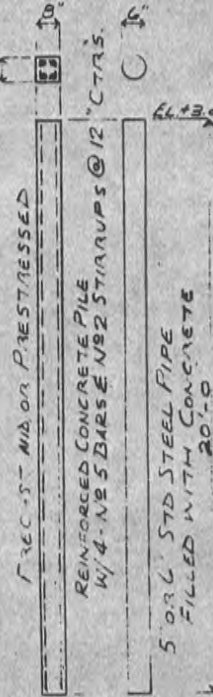
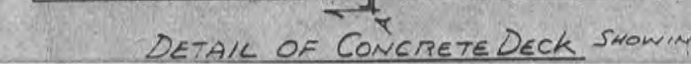
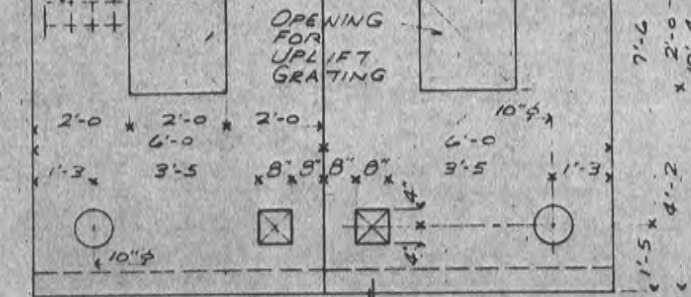
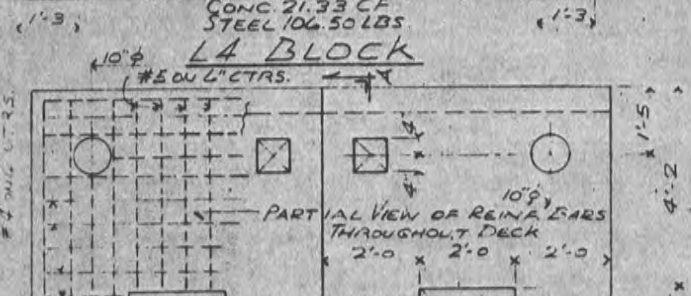
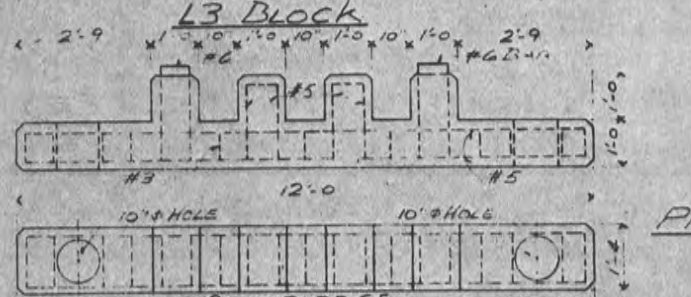
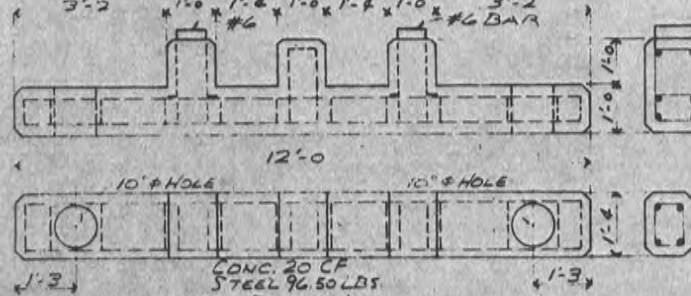
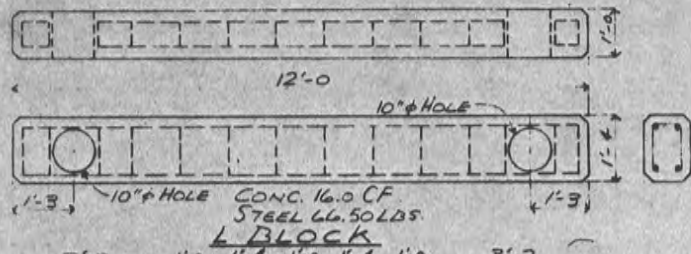
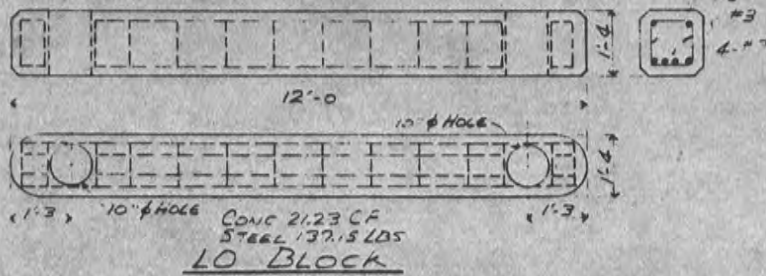


NOTE: OFFSHORE TOPOGRAPHY
 TAKEN JULY 7 1965.

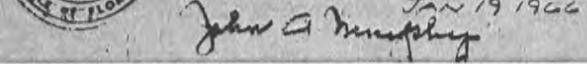
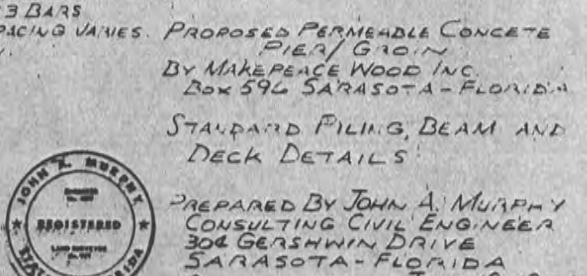
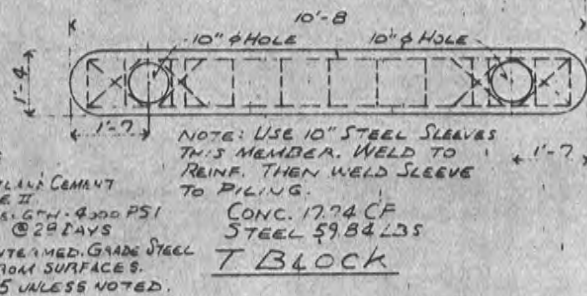
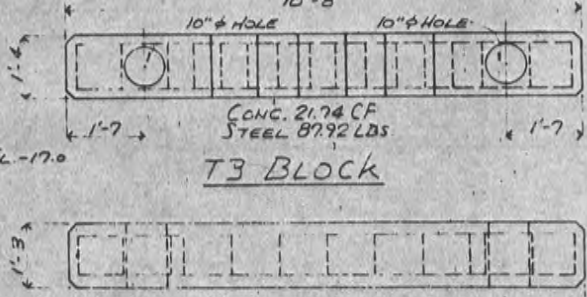
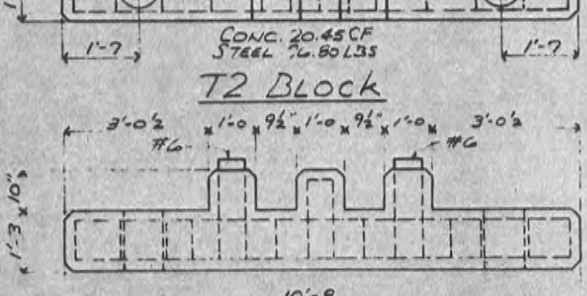
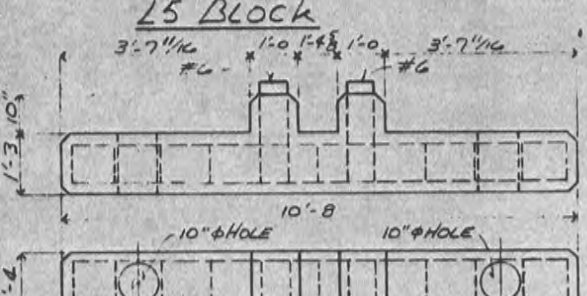
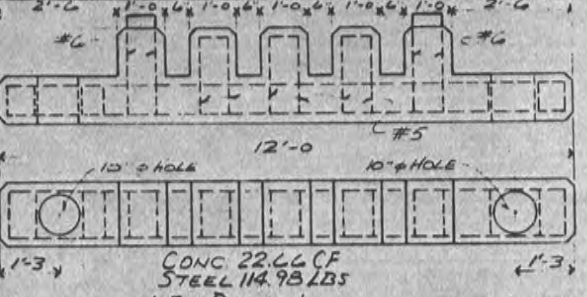
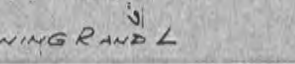
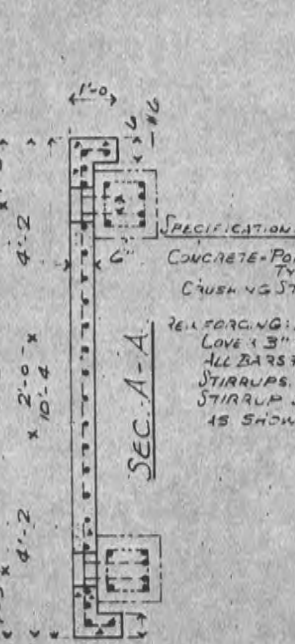
PREPARED BY JOHN A. MURPHY
 CONSULTING CIVIL ENGINEER
 304 GERSHWIN DRIVE
 SARASOTA - FLORIDA

PROPOSED PERMEABLE CONCRETE
 DIAPHRAGM/GROINS
 BY MAKEPEACE WOOD INC.
 P.O. BOX 596 SARASOTA FLORIDA
 IN THE GULF OF MEXICO
 LONGBOAT KEY - MANATEE CO. - FLA.
 1 PPL. CANT - COLONY BEACH RESORT
 ATT. MR. HERBERT P. FIELD
 1620 GULF OF MEXICO DR.
 SARASOTA - FLORIDA





PILING DETAILS



DETAIL OF CONCRETE DECK SHOWING R AND L

SPECIFICATIONS:

CONCRETE-PORTLAND CEMENT TYPE II
CUSHING ST 15,000 PSI @ 28 DAYS
REINFORCING-INTERMEDIATE GRADE STEEL
LOVE 1/3" FROM SURFACES.
ALL BARS #5 UNLESS NOTED.
STIRRUPS #3 BARS
STIRRUP SPACING VARIES AS SHOWN.

NOTE: USE 10" STEEL SLEEVES THIS MEMBER. WELD TO REINF. THEN WELD SLEEVE TO PILING.

CONC. 17.74 CF
STEEL 59.84 LBS
T BLOCK

PROPOSED PERMEABLE CONCRETE PIER/GROUT
BY MAKEPEACE WOOD INC.
BOX 596 SARASOTA-FLORIDA

STANDARD PILING, BEAM AND DECK DETAILS

PREPARED BY JOHN A. MURPHY
CONSULTING CIVIL ENGINEER
304 GERSHWIN DRIVE
SARASOTA-FLORIDA
JAN 19 1966

