



PUBLIC NOTICE

**US Army Corps
of Engineers**®
New England District
696 Virginia Road
Concord, MA 01742-2751

Comment Period Begins: November 7, 2017
Comment Period Ends: December 7, 2017
File Number: NAE-2016-01467
In Reply Refer To: Joshua Helms
Phone: (978) 318-8211
E-mail: Joshua.M.Helms@usace.army.mil

The District Engineer has received a permit application to conduct work and place structures in waters of the United States from Scott Zeien on behalf of Kingman Yacht Center, Inc. The work is located in the waters of Red Brook Harbor within Buzzards Bay at the Kingman Yacht Center boating facility adjacent to 1 Shipyard Lane, Cataumet, Massachusetts 02534. The site coordinates are: Latitude 41.67633°N, Longitude -70.61615°E.

The proposed project involves the expansion of the boating facility at Kingman Yacht Center. The boating facility was previously authorized by the Corps of Engineers subject to the conditions of the attached permit (NAE-1990-10038) and plans issued on February 13, 2000. The proponent would like to expand the existing reconfiguration zone to encompass all of the floats that are present at the boating facility.

The new project also includes the expansion and modification of the three previously authorized reconfiguration zones on site. The three reconfigurations zones will be combined into one reconfiguration zone in order to allow for floats to be moved freely throughout the property without the need for new separate Corps approvals for each reconfiguration. The new reconfiguration zone will also incorporate areas surrounding the fuel and dinghy docks in order to retain and maintain changes to previously unauthorized structures as seen on the plans entitled "WORKSHEET OF FINGER FLOATS AND DOCK RECONFIGURATIONS FOR KINGMAN YACHT CENTER – 1 SHIPYARD LANE" on one sheet and dated "April 15, 2016". The newly formed 10+ acre area reconfiguration zone will surround 254 slips and 41,552 square feet of accompanying floats. The reconfiguration zone and its coordinates are shown on Sheet 2 of 5 of the attached plans. The boating facility also includes 130 moorings, and the entire boating facility encompasses approximately 30.1 acres of Red Brook Harbor.

Corps-authorized reconfiguration zones are an area in which permittees may rearrange floats without additional authorizations. They are subject to the following conditions:

1. A reconfiguration zone does not grant exclusive privileges to an area or an increase in structure or float area. The Corps of Engineers does not recognize any property claims to navigable waters of the United States.
2. The permittee cannot increase the total square footage of the floats, or extend any structures beyond the limits of the reconfiguration zone once it is established unless Corps authorization is received.
3. There shall be no unreasonable interference with navigation by the existence or use of the activity authorized herein, and no attempt shall be made by the permittee to prevent the full and free use by the public of all navigable waters within or adjacent to the activity authorized herein.
4. The permittee understands and agrees that if future U.S. operations require the removal, relocation, or other alteration of the structure or work herein authorized, or if, in the opinion of the Secretary of the Army or his authorized representative, said structure or work shall cause unreasonable obstruction to the free navigation of the navigable waters, the permittee will be required, upon due notice from the Corps,

to remove, relocate, or alter the structural work or obstructions caused thereby, without expense to the U.S. No claim shall be made against the U.S. on account of any such removal or alteration.

5. This authorization may not be fragmented or any part of it transferred to another party.
6. There shall be no change in use of the facility without reapplication to the Corps of Engineers and receipt of approval for the proposed change.

The existing configuration of the marina showing floating breakwaters, moorings, and floats, is shown on the attached plans entitled "TO MODIFY THE EXISTING RECONFIGURATION ZONE AND COMBINE INTO ONE RECONFIGURATION ZONE FOR KINGMAN YACHT CENTER AT RED BROOK HARBOR TO REFLECT AS-BUILT CONDITIONS," on five sheets, and dated "April 15, 2016" and revised October 5, 2017. The current numbered slip layout can be seen on the attached photo entitled "Kingman Yacht Center".

AUTHORITY

Permits are required pursuant to:

- ☒ Section 10 of the Rivers and Harbors Act of 1899
- ☐ Section 404 of the Clean Water Act
- ☐ Section 103 of the Marine Protection, Research and Sanctuaries Act.

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The U.S. Army Corps of Engineers, New England District (Corps), is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. The Corps will consider all comments received to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

ESSENTIAL FISH HABITAT

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). Essential Fish Habitat describes waters and substrate necessary for fish for spawning, breeding, feeding or growth to maturity.

This project may impact more than 10 acres of Essential Fish Habitat (*EFH*). This habitat consists of sand silt and mud. Loss of this habitat may adversely affect species that use these waters and substrate. However, the District Engineer has made a preliminary determination that the site-specific adverse effect will not be substantial. Further consultation with the National Marine Fisheries Service regarding EFH conservation recommendations is being conducted and will be concluded prior to the final decision.

NATIONAL HISTORIC PRESERVATION ACT

Based on his initial review, the District Engineer has determined that little likelihood exists for the proposed work to impinge upon properties with cultural or Native American significance, or listed in, or eligible for listing in, the National Register of Historic Places. Therefore, no further consideration of the requirements of Section 106 of the National Historic Preservation Act of 1966, as amended, is necessary. This determination is based upon one or more of the following:

- a. The permit area has been extensively modified by previous work.
- b. The permit area has been recently created.
- c. The proposed activity is of limited nature and scope.
- d. Review of the latest published version of the National Register shows that no presence of registered properties listed as being eligible for inclusion therein are in the permit area or general vicinity.
- e. Coordination with the State Historic Preservation Officer and/or Tribal Historic Preservation Officer(s).

ENDANGERED SPECIES CONSULTATION

The Corps has reviewed the application for the potential impact on Federally-listed threatened or endangered species and their designated critical habitat pursuant to section 7 of the Endangered Species Act as amended. It is our preliminary determination that the proposed activity for which authorization is being sought is designed, situated or will be operated/used in such a manner that it is not likely to adversely affect any listed species or their critical habitat. We are coordinating with the NMFS and/or U.S. Fish and Wildlife Service on listed species under their jurisdiction and the ESA consultation will be concluded prior to the final decision.

OTHER GOVERNMENT AUTHORIZATIONS

The states of Connecticut, Maine, Massachusetts, New Hampshire and Rhode Island have approved Coastal Zone Management Programs. Where applicable, the applicant states that any proposed activity will comply with and will be conducted in a manner that is consistent with the approved Coastal Zone Management Program. By this Public Notice, we are requesting the State concurrence or objection to the applicant's consistency statement.

The following authorizations have been applied for, or have been, or will be obtained:

- (X) Permit, license or assent from State.
- (X) Permit from local wetland agency or conservation commission.
- () Water Quality Certification in accordance with Section 401 of the Clean Water Act.

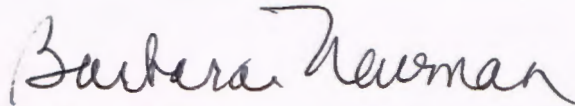
COMMENTS

In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. Comments should be submitted in writing by the above date. If you have any questions, please contact (PM name) at (978) 318-8xxx, (800) 343-4789 or (800) 362-4367, if calling from within Massachusetts.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The Corps holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. All comments will be considered a matter of public record. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.



Barbara Newman
Chief, Permits and Enforcement Branch
Regulatory Division

If you would prefer not to continue receiving Public Notices by email, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at bettina.m.chaisson@usace.army.mil. You may also check here () and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

NAME: _____
ADDRESS: _____
PHONE: _____



PURPOSE: TO MODIFY THE EXISTING RECONFIGURATION ZONE AND COMBINE INTO ONE RECONFIGURATION ZONE FOR KINGMAN YACHT CENTER AT RED BROOK HARBOR TO REFLECT AS-BUILT CONDITIONS

DATUM: NAVD 88

PLAN PREPARED BY:
ATLANTIC DESIGN ENGINEERS, INC.
P.O. BOX 1051, SANDWICH, MA 02563

LOCUS MAP
SCALE 1" = 1,500'
0 375 750 1500



APPLICATION BY:
KINGMAN YACHT CENTER, ONE SHIPYARD LANE
BOURNE, MA 02534

RECONFIGURATION ZONE
FOR
KINGMAN YACHT CENTER

AT: RED BROOK HARBOR (BOURNE)

COUNTY: BARNSTABLE STATE: MA

SHEET: 1 OF 5 DATE: APRIL 15, 2016
FILE: 2783.01-CHP91-2-R1 REV. OCTOBER 5, 2017

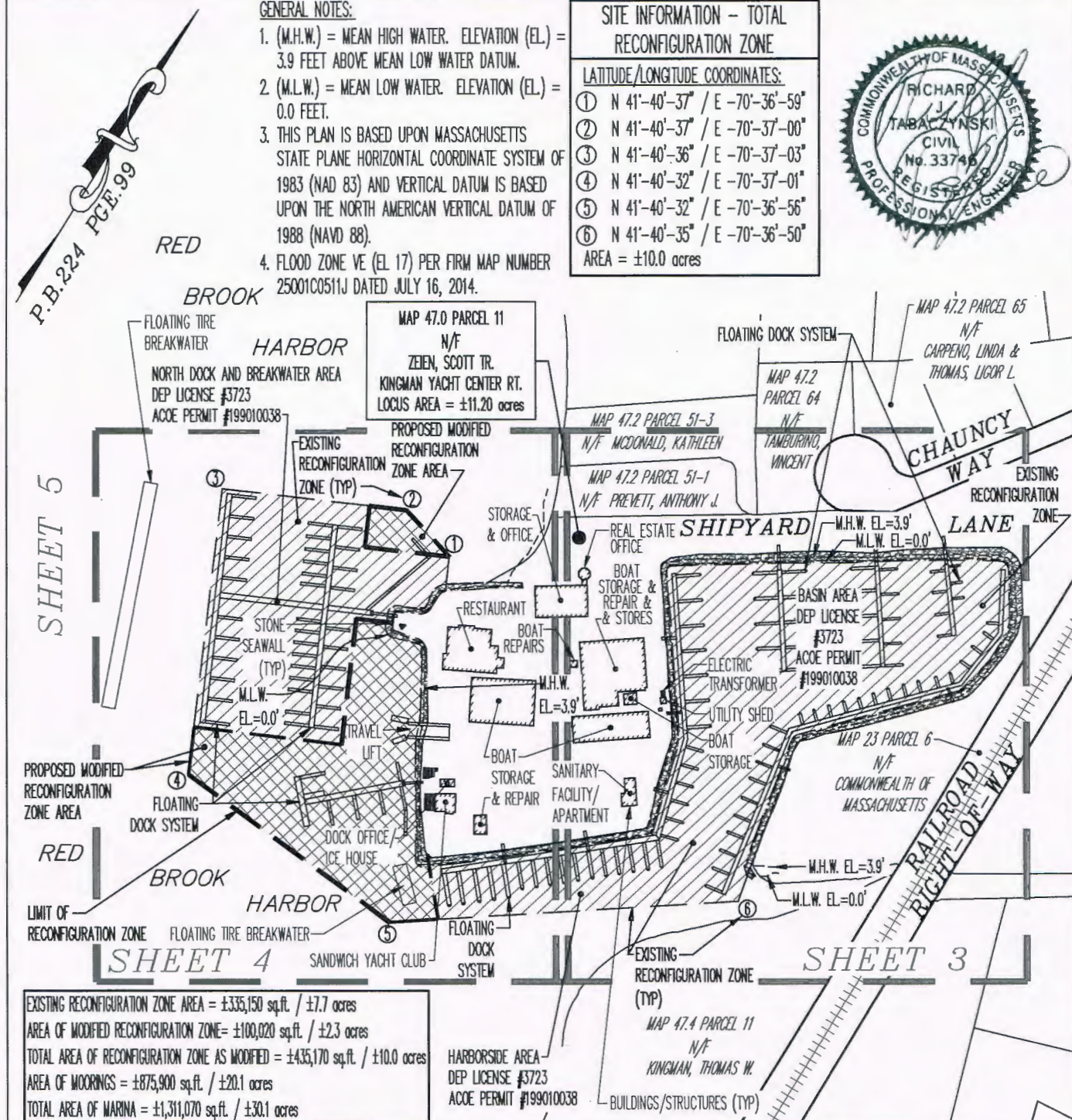
GENERAL NOTES:

1. (M.H.W.) = MEAN HIGH WATER. ELEVATION (EL.) = 3.9 FEET ABOVE MEAN LOW WATER DATUM.
2. (M.L.W.) = MEAN LOW WATER. ELEVATION (EL.) = 0.0 FEET.
3. THIS PLAN IS BASED UPON MASSACHUSETTS STATE PLANE HORIZONTAL COORDINATE SYSTEM OF 1983 (NAD 83) AND VERTICAL DATUM IS BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
4. FLOOD ZONE VE (EL 17) PER FIRM MAP NUMBER 25001C0511J DATED JULY 16, 2014.

SITE INFORMATION - TOTAL RECONFIGURATION ZONE

LATITUDE/LONGITUDE COORDINATES:

- ① N 41°-40'-37" / E -70°-36'-59"
 - ② N 41°-40'-37" / E -70°-37'-00"
 - ③ N 41°-40'-36" / E -70°-37'-03"
 - ④ N 41°-40'-32" / E -70°-37'-01"
 - ⑤ N 41°-40'-32" / E -70°-36'-56"
 - ⑥ N 41°-40'-35" / E -70°-36'-50"
- AREA = ±10.0 acres



OVERALL SITE PLAN

SCALE 1" = 225'

0 112.5 225



RECONFIGURATION ZONE FOR KINGMAN YACHT CENTER

AT: RED BROOK HARBOR (BOURNE)

COUNTY: BARNSTABLE STATE: MA

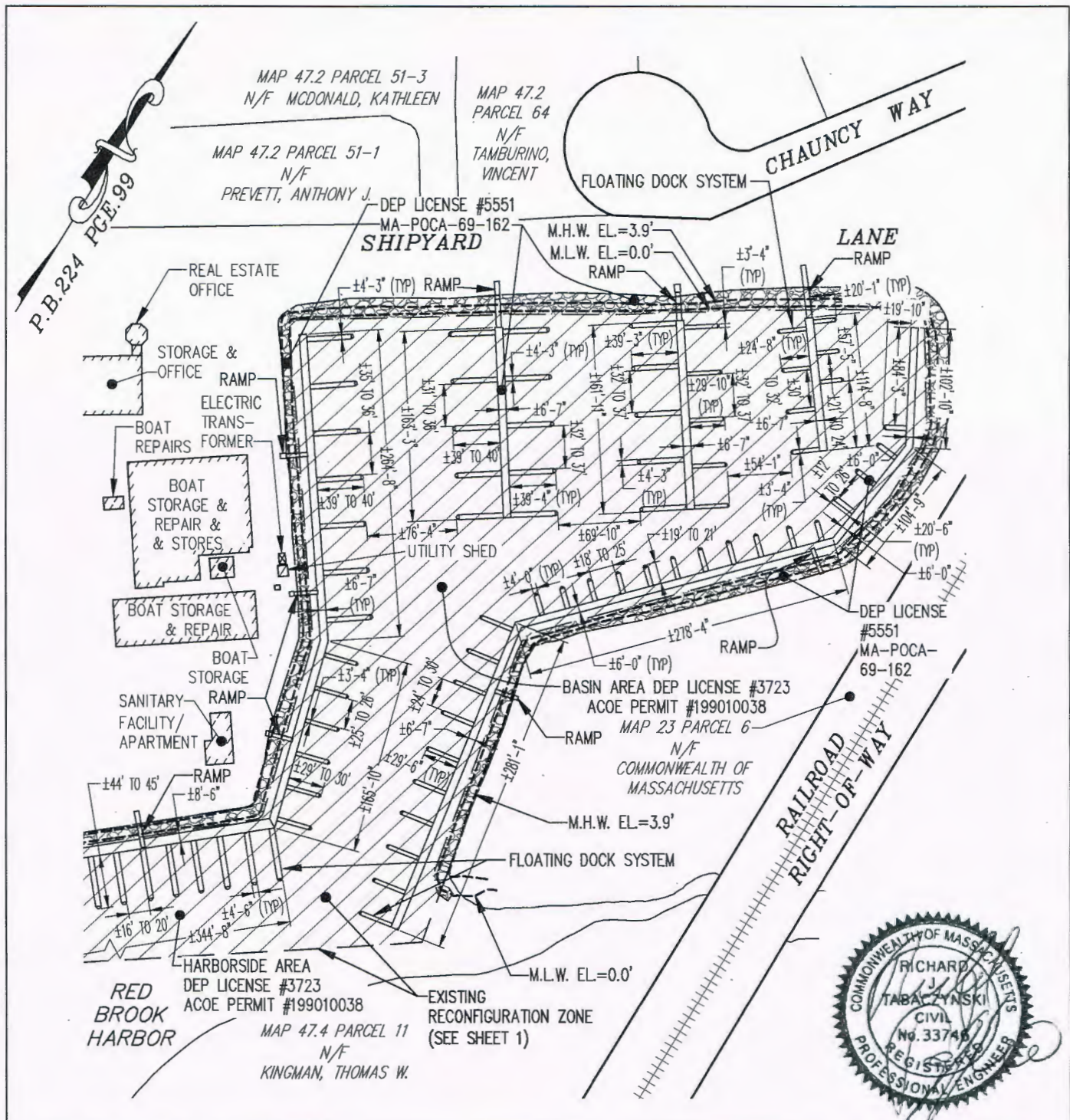
SHEET: 2 OF 5 DATE: APRIL 15, 2016
 FILE: 2783.01 CHP91-2-R1 REV. OCTOBER 5, 2017

PURPOSE: TO MODIFY THE EXISTING RECONFIGURATION ZONE AND COMBINE INTO ONE RECONFIGURATION ZONE FOR KINGMAN YACHT CENTER AT RED BROOK HARBOR TO REFLECT AS-BUILT CONDITIONS

DATUM: NAVD 88

PLAN PREPARED BY:
 ATLANTIC DESIGN ENGINEERS, INC.
 P.O. BOX 1051, SANDWICH, MA 02563

APPLICATION BY:
 KINGMAN YACHT CENTER, ONE SHIPYARD LANE
 BOURNE, MA 02534

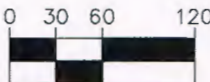


PURPOSE: TO MODIFY THE EXISTING RECONFIGURATION ZONE AND COMBINE INTO ONE RECONFIGURATION ZONE FOR KINGMAN YACHT CENTER AT RED BROOK HARBOR TO REFLECT AS-BUILT CONDITIONS

DATUM: NAVD 88

PLAN PREPARED BY:
ATLANTIC DESIGN ENGINEERS, INC.
P.O. BOX 1051, SANDWICH, MA 02563

SITE PLAN
SCALE 1" = 120'



APPLICATION BY:
KINGMAN YACHT CENTER, ONE SHIPYARD LANE
BOURNE, MA 02534

RECONFIGURATION ZONE
FOR
KINGMAN YACHT CENTER

AI: RED BROOK HARBOR (BOURNE)

COUNTY: BARNSTABLE STATE: MA

SHEET: 3 OF 5 DATE: APRIL 15, 2016
FILE: 2783.01 CHP91-2-R1 REV. OCTOBER 5, 2017

P.B. 224 PCE.99



RED
BROOK
HARBOR

MAP 47.0 PARCEL 11
N/F
ZEIEN, SCOTT TR.
KINGMAN YACHT CENTER RT.
LOCUS AREA = ±11.20 acres

APPROXIMATE MOORINGS AREA
NUMBER OF MOORINGS = 130
AREA = ±875,900 sq.ft., 20.1 acres

NORTH DOCK AND BREAKWATER AREA
DEP. LICENSE: #5723
ACOE PERMIT: #199010038

PROPOSED MODIFIED
RECONFIGURATION
ZONE AREA

EXISTING
RECONFIGURATION
ZONE (TYP)

FLOATING TIRE
BREAKWATER

FLOATING
DOCK
SYSTEM

LIMIT OF
RECONFIGURATION ZONE

PROPOSED MODIFIED
RECONFIGURATION
ZONE AREA

FLOATING TIRE BREAKWATER

RED
BROOK
HARBOR

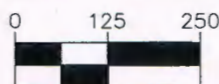
PURPOSE: TO MODIFY THE EXISTING
RECONFIGURATION ZONE AND COMBINE INTO
ONE RECONFIGURATION ZONE FOR KINGMAN
YACHT CENTER AT RED BROOK HARBOR TO
REFLECT AS-BUILT CONDITIONS

DATUM: NAVD 88

PLAN PREPARED BY:
ATLANTIC DESIGN ENGINEERS, INC.
P.O. BOX 1051, SANDWICH, MA 02563

MOORING PLAN

SCALE 1" = 250'



APPLICATION BY:
KINGMAN YACHT CENTER, ONE SHIPYARD LANE
BOURNE, MA 02534

RECONFIGURATION ZONE FOR KINGMAN YACHT CENTER

AT: RED BROOK HARBOR (BOURNE)

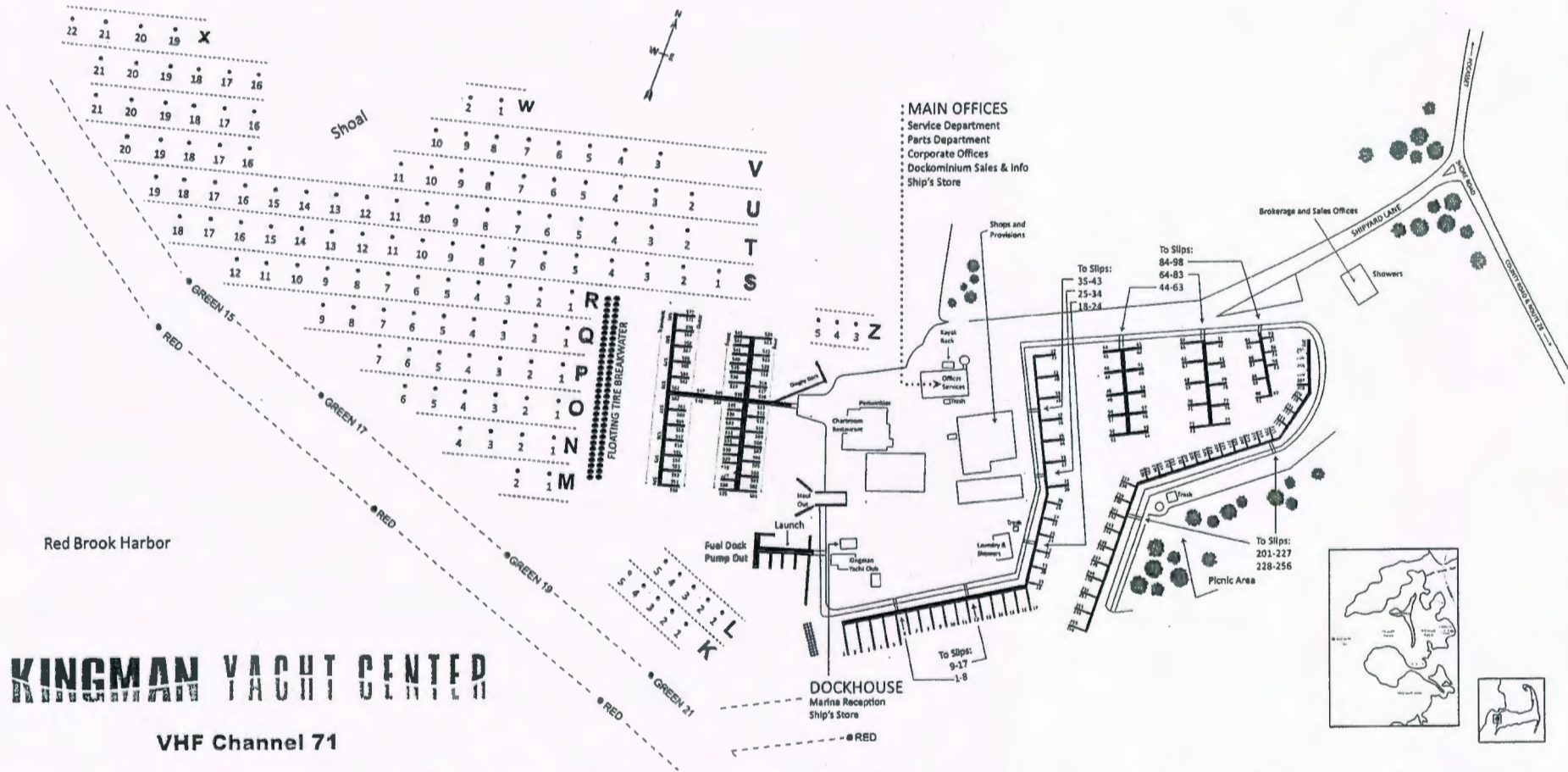
COUNTY: BARNSTABLE STATE: MA

SHEET: 5 OF 5 DATE: APRIL 15, 2016
FILE: 2783.01 CHP91-2-R1 REV. OCTOBER 5, 2017

KINGMAN YACHT CENTER

VHF Channel 71

Red Brook Harbor



412. cash JB
2-3-04

BP-09619-0235 95-04-06 2:06 #16320

DEPARTMENT OF THE ARMY PERMIT

Kingman Marine, Inc., 1 Shipyard Lane, P.O. Box 408,
Cataumet, MA 02534
Permittee 199010038
Permit No. NEW ENGLAND DIVISION
Issuing Office

NOTE: The term "you" and its derivatives, as used in this permit, means the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description:

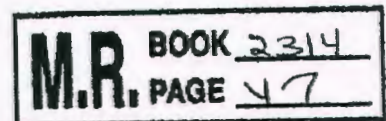
To retain and maintain the following existing unauthorized structures:

1. 130 existing rental moorings.
2. 927 linear feet of 8' wide main floating docks and a total of 1465 linear feet of finger floats (38 floats @ 38.5') extending a total of approx. 270 feet beyond the mean high water line. The slips have been leased under 99 year leases.

PROJECT DESCRIPTION CONTINUED ON PAGE 4

Project Location: Shore Rd.

Red Brook Harbor, Cataumet, Massachusetts



Permit Conditions:

General Conditions:

FEB 13 2000

1. The time limit for completing the work authorized ends on _____. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.

2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer, you must obtain a modification of this permit from this office, which may require restoration of the area.

3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and state coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.

4. If you sell the property associated with this permit, you must obtain the signature of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

1. The permittee shall assure that a copy of this permit is at the work site whenever work is being performed and that all personnel performing work at the site of the work authorized by this permit are fully aware of the terms and conditions of the permit. This permit, including its drawings and any appendices and other attachments, shall be made a part of any and all contracts and sub-contracts for work which affects areas of Corps of Engineers' jurisdiction at the site of the work authorized by this permit. This shall be done by including the entire permit in the specifications for the work. If the permit is issued

Further Information: SPECIAL CONDITION CONTINUED ON PAGE 4

1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:

- ☒ Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
- ☐ Section 404 of the Clean Water Act (33 U.S.C. 1344).
- ☐ Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).

2. Limits of this authorization.

- a. This permit does not obviate the need to obtain other Federal, state, or local authorizations required by law.
- b. This permit does not grant any property rights or exclusive privileges.
- c. This permit does not authorize any injury to the property or rights of others.
- d. This permit does not authorize interference with any existing or proposed Federal project.

3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:

- a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
- b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
- c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
- d. Design or construction deficiencies associated with the permitted work.

- e. Damage claims associated with any future modification, suspension, or revocation of this permit.
4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.
5. Reevaluation of Permit Decision. This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
- You fail to comply with the terms and conditions of this permit.
 - The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (See 4 above).
 - Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you to comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions. General condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

Your signature below, as permittee, indicates that you accept and agree to comply with the terms and conditions of this permit.

Thomas W. [Signature]
(PERMITTEE)

4/1/95
(DATE)

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

James C. Wong [Signature]
(DISTRICT ENGINEER)

2/12/95
(DATE)

James C. Wong
ACTING DISTRICT ENGINEER

When the structures or work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferee sign and date below.

(TRANSFEREE)

(DATE)

PROJECT DESCRIPTION CONTINUED FROM PAGE 1

3. 1600 linear feet of floating docks used as dinghy docks and attached to the north side of the main floating docks referred to in item # 2 above.

4. 75 linear feet of pile-anchored main floats on the south side of the marina.

5. 75 linear feet of the anchor held floating gas dock and approx. 220 linear feet of floating dock near the land side of the gas dock and near the existing travel lift.

6. To establish marina reconfiguration zones that will authorize the reconfiguration of floats.

7. To retain, under long term lease (99 years beginning in 1985) 254 slips. The slips for long term sale or lease are within the reconfiguration zone.

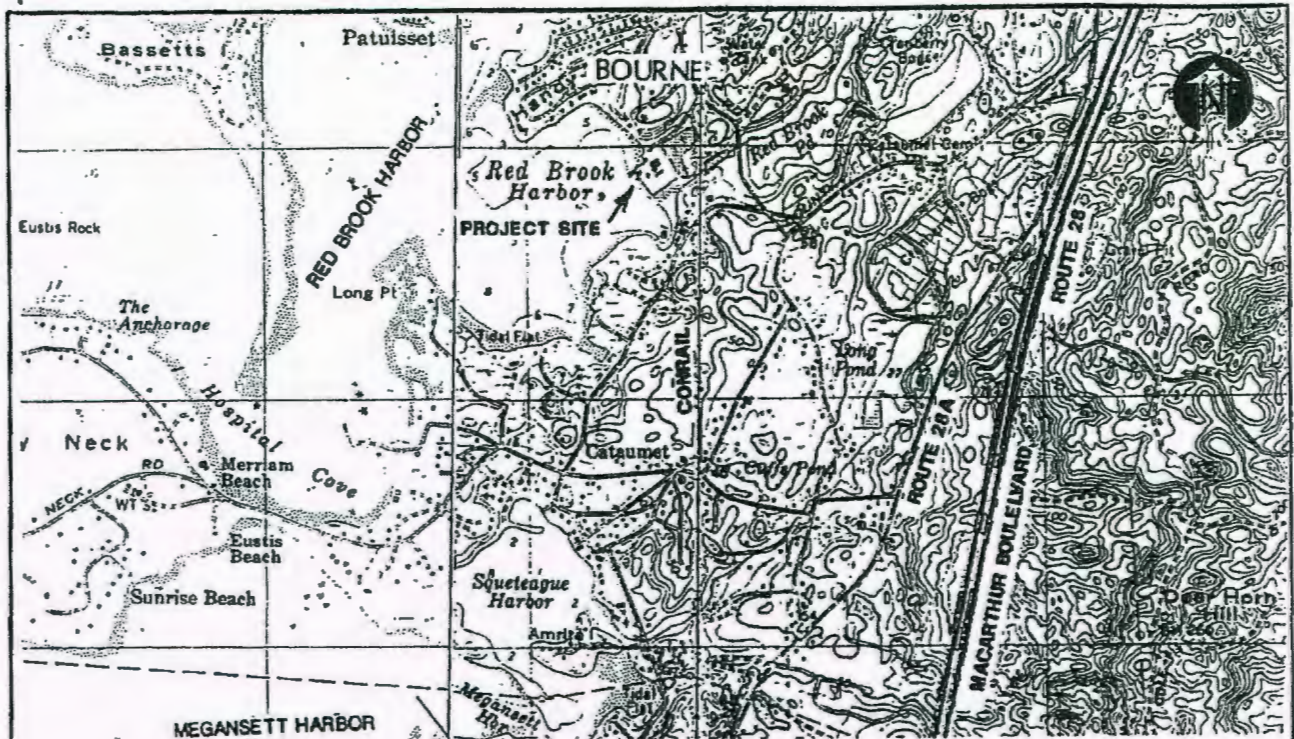
RECONFIGURATION COORDINATES

MOORING NO.	EASTING	NORTHING
L-1	841478.625	247272.750
K-1	841405.750	247278.062
S-18	839633.888	247344.812
U-20	839208.500	247510.500
X-22	839005.875	247727.062
X-21	839155.500	247789.928
X-20	839223.875	247783.953
X-19	839341.438	247864.125
S-1	841129.938	247967.594
V-3	840059.438	248147.000
W-1	840355.875	247965.672
W-16	839567.562	247817.459
U-16	839643.938	247652.938
U-11	840100.562	247802.266
W-2	840193.250	248019.422

SPECIAL CONDITIONS CONTINUED FROM PAGE 2

after the construction specifications but before receipt of bids or quotes, the entire permit shall be included as an addendum to the specifications. If the permit is issued after receipt of bids or quotes, the entire permit shall be included in the contract or sub-contract as a change order. The term "entire permit" includes permit amendments. Although the permittee may assign various aspects of the work to different contractors or sub-contractors, all contractors and sub-contractors shall be obligated by contract to comply with all environmental protection provisions of the entire permit, and no contract or sub-contract shall require or allow unauthorized work in areas of Corps of Engineers' jurisdiction.


2. If a Harbor Management Plan is adopted, for the harbor that does not include this approved marina configuration, the applicant must reapply to the Corps of Engineers within six months to bring the marina in compliance with the plan.



GENERAL NOTES

1. ELEVATIONS SHOWN ON VICINITY MAP ARE BASED ON 1929 NGVD DATUM.
2. PURPOSE IS TO MAINTAIN EXISTING DOCKS AND FLOATS, TO CONVERT ALL WET-SLIPS TO LONG-TERM LEASE ARRANGEMENTS AND TO ESTABLISH MARINA RE-CONFIGURATION ZONES.
3. VICINITY MAP IS A PORTION OF THE U.S.G.S. QUADRANGLE 7.5 MINUTE SERIES FOR POCASSET, MA. (SCALE 1:24,000)
4. EXISTING PERMITS ARE SHOWN ON FOCUS PLANS, SHEETS 4,5 & 6

VICINITY MAP

1"=2083'
1000' 0 1000' 2000' 3000'

SCALE IN FEET

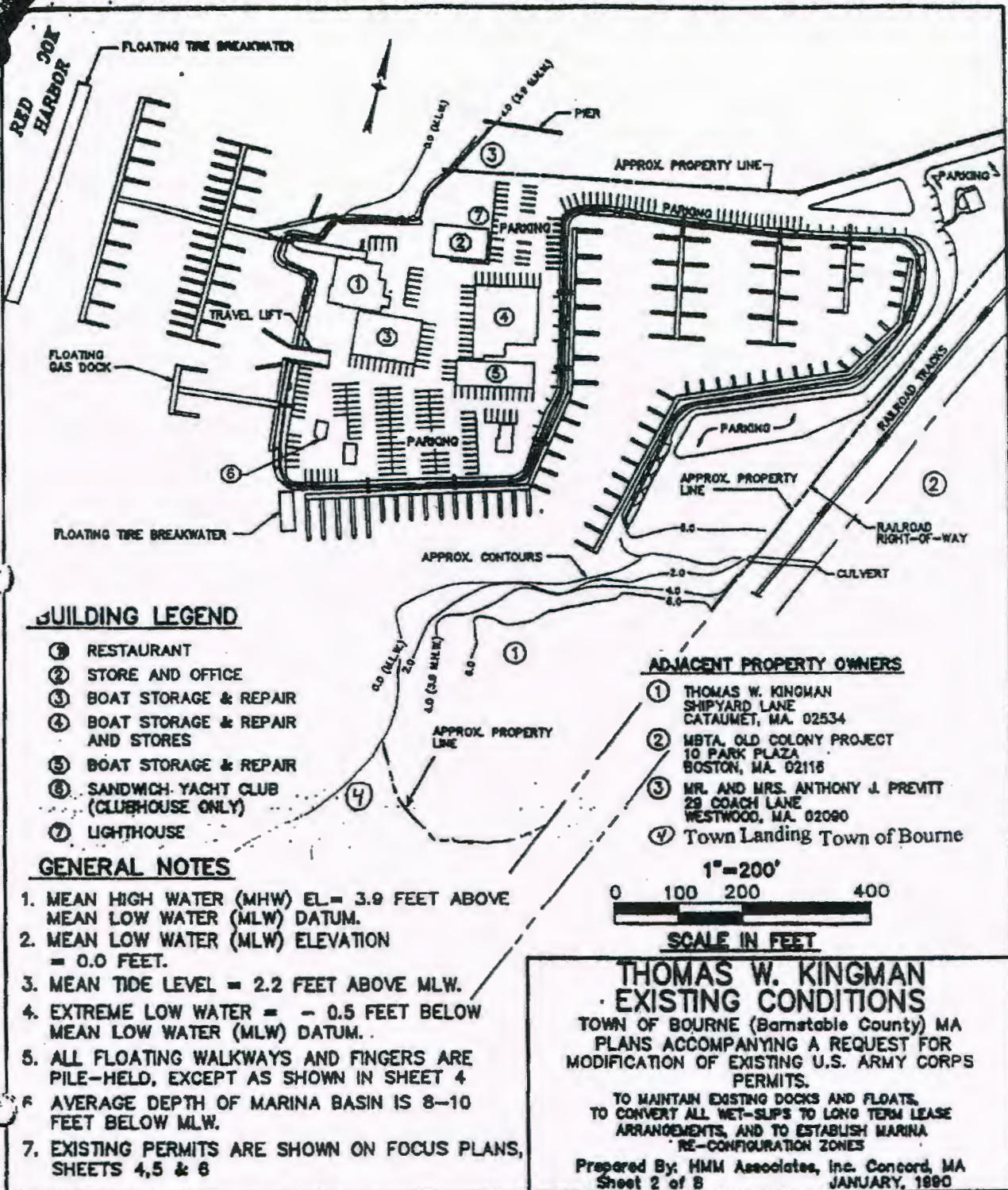
THOMAS W. KINGMAN VICINITY MAP

TOWN OF BOURNE (Barnstable County) MA
PLANS ACCOMPANYING A REQUEST FOR
MODIFICATION OF EXISTING U.S. ARMY CORPS
PERMITS.

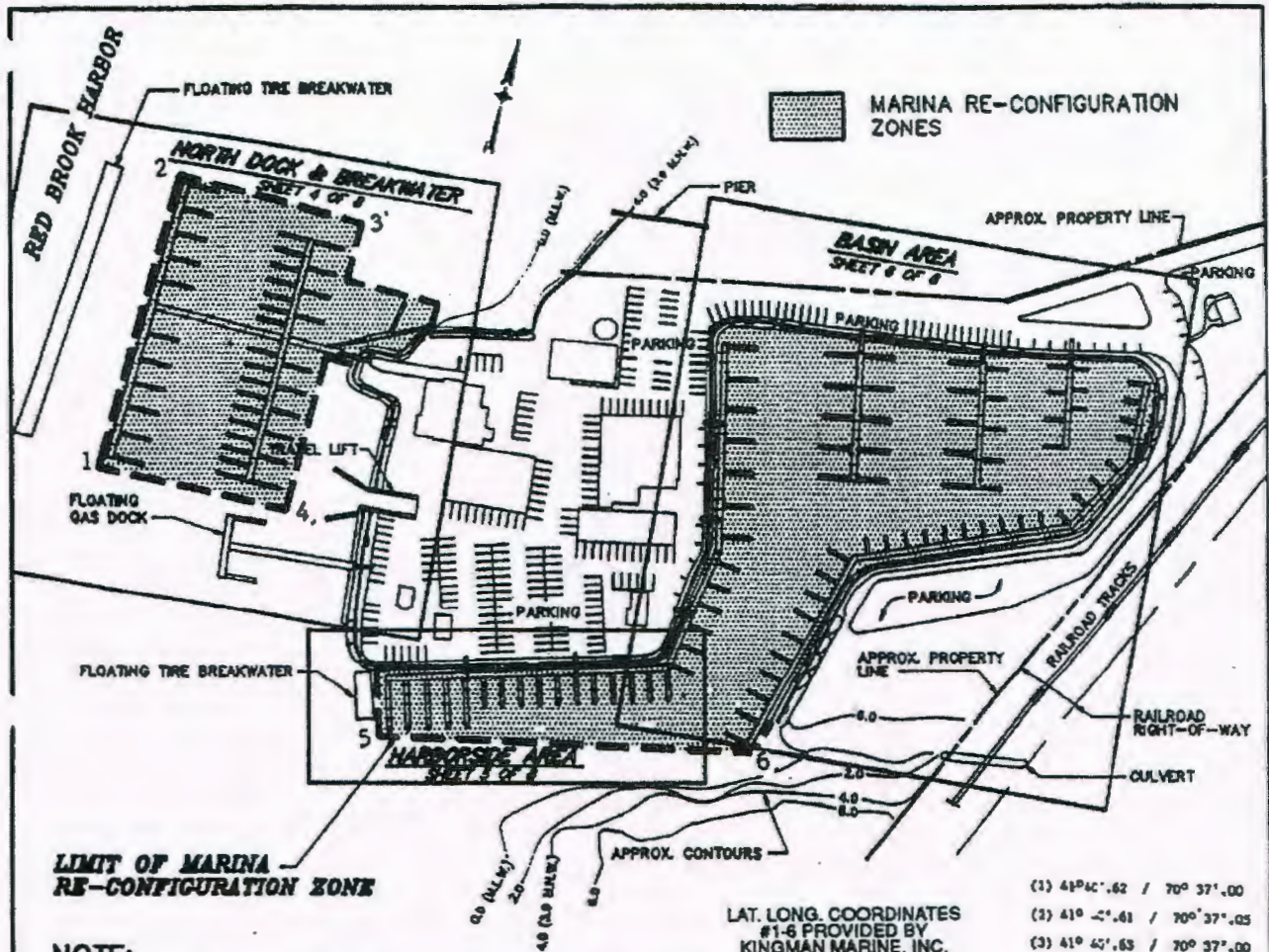
TO MAINTAIN EXISTING DOCKS AND FLOATS,
TO CONVERT ALL WET-SLIPS TO LONG TERM LEASE
ARRANGEMENTS, AND TO ESTABLISH MARINA
RE-CONFIGURATION ZONES

Prepared By: HMM Associates, Inc. Concord, MA
Sheet 1 of 8 JANUARY, 1990

REVISED NOVEMBER 1993



REVISED NOVEMBER 1993

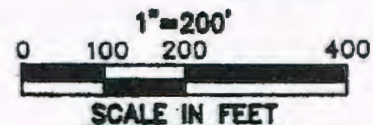


NOTE:

DASHED LINE INDICATES FIXED BOUNDARY OF THE LIMITS OF MARINA RE-CONFIGURATION ZONES WITHIN WHICH FLOATING WALKWAYS, PILES, FINGERS AND MOORINGS MAY BE RE-CONFIGURED UNDER THIS AUTHORIZATION.

GENERAL NOTES

1. MEAN HIGH WATER (MHW) EL = 3.9 FEET ABOVE MEAN LOW WATER (MLW) DATUM.
2. MEAN LOW WATER (MLW) ELEVATION = 0.0 FEET.
3. ALL FLOATING WALKWAYS AND FINGERS ARE PILE-HELD, EXCEPT AS SHOWN IN SHEET 4
4. AVERAGE DEPTH OF MARINA BASIN IS 8-10 FEET BELOW MLW.



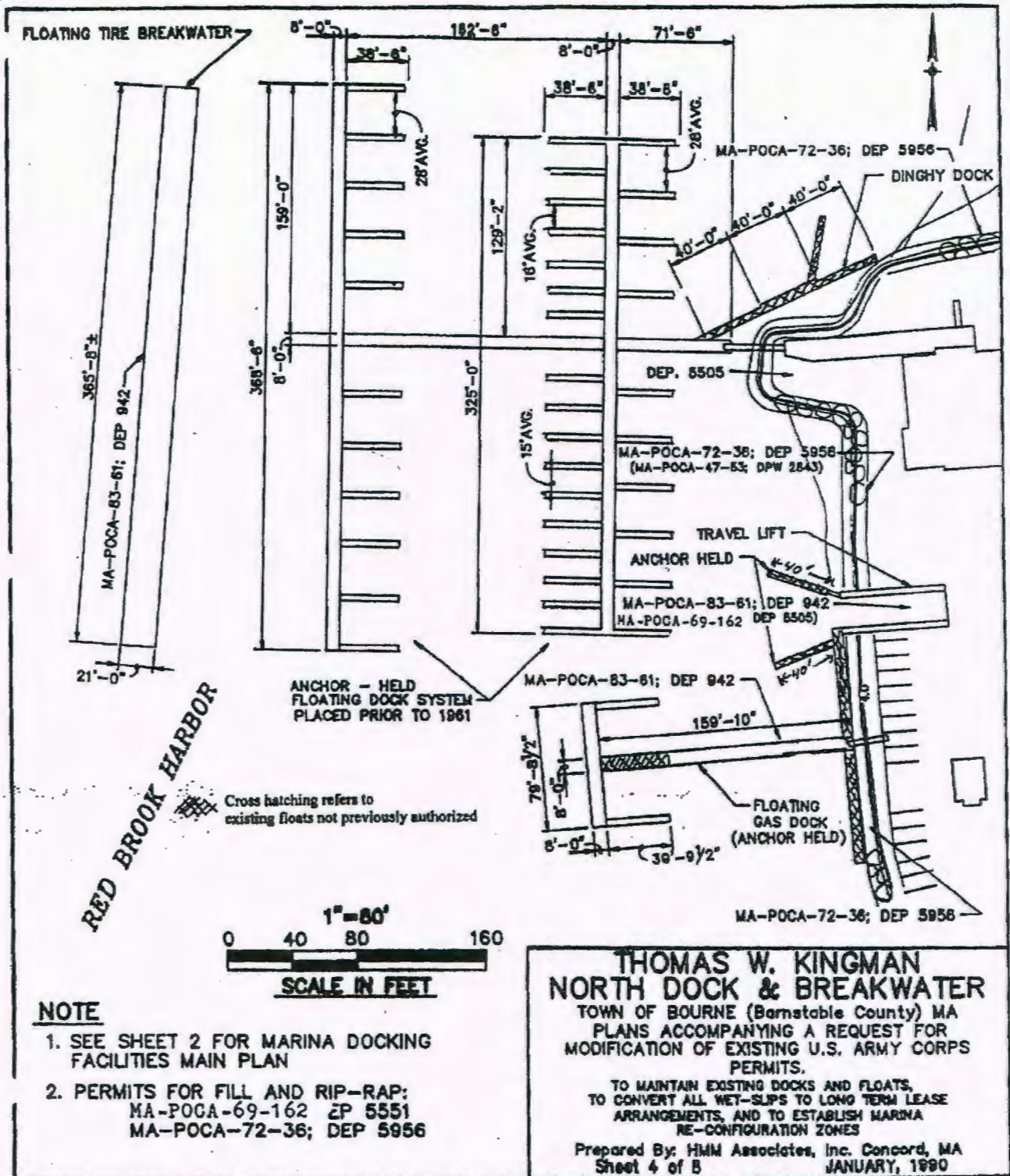
THOMAS W. KINGMAN MARINA DOCKING FACILITIES

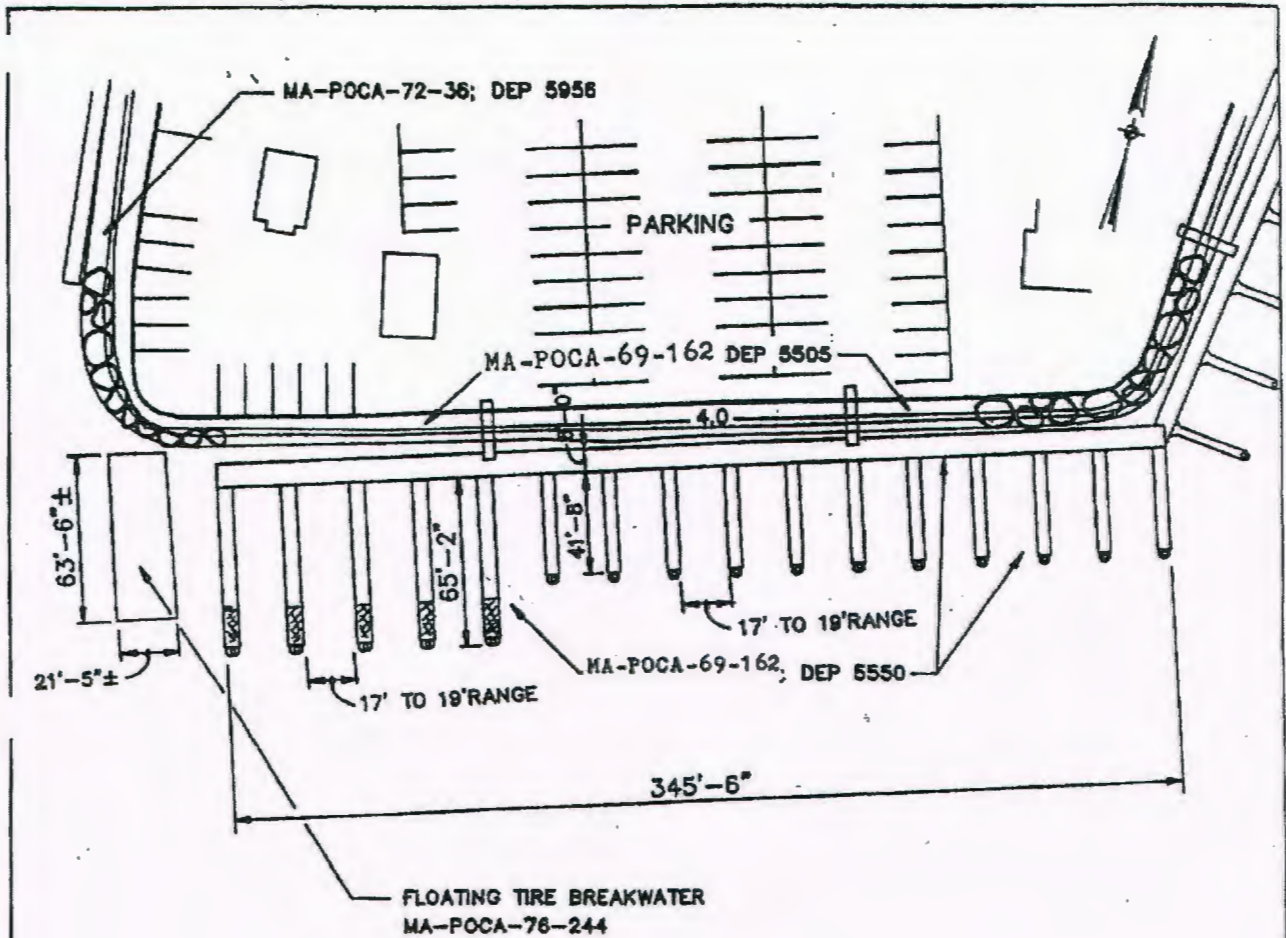
TOWN OF BOURNE (Barnstable County) MA
PLANS ACCOMPANYING A REQUEST FOR
MODIFICATION OF EXISTING U.S. ARMY CORPS
PERMITS.

TO MAINTAIN EXISTING DOCKS AND FLOATS,
TO CONVERT ALL WET-SLIPS TO LONG TERM LEASE
ARRANGEMENTS, AND TO ESTABLISH MARINA
RE-CONFIGURATION ZONES

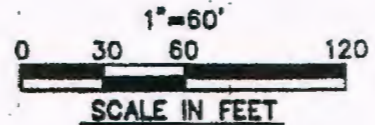
Prepared By: HMM Associates, Inc. Concord, MA
Sheet 3 of 8
JANUARY 1990

REVISED NOVEMBER 1993





XXXXXX Cross hatching refers to existing floats not previously authorized.



NOTE

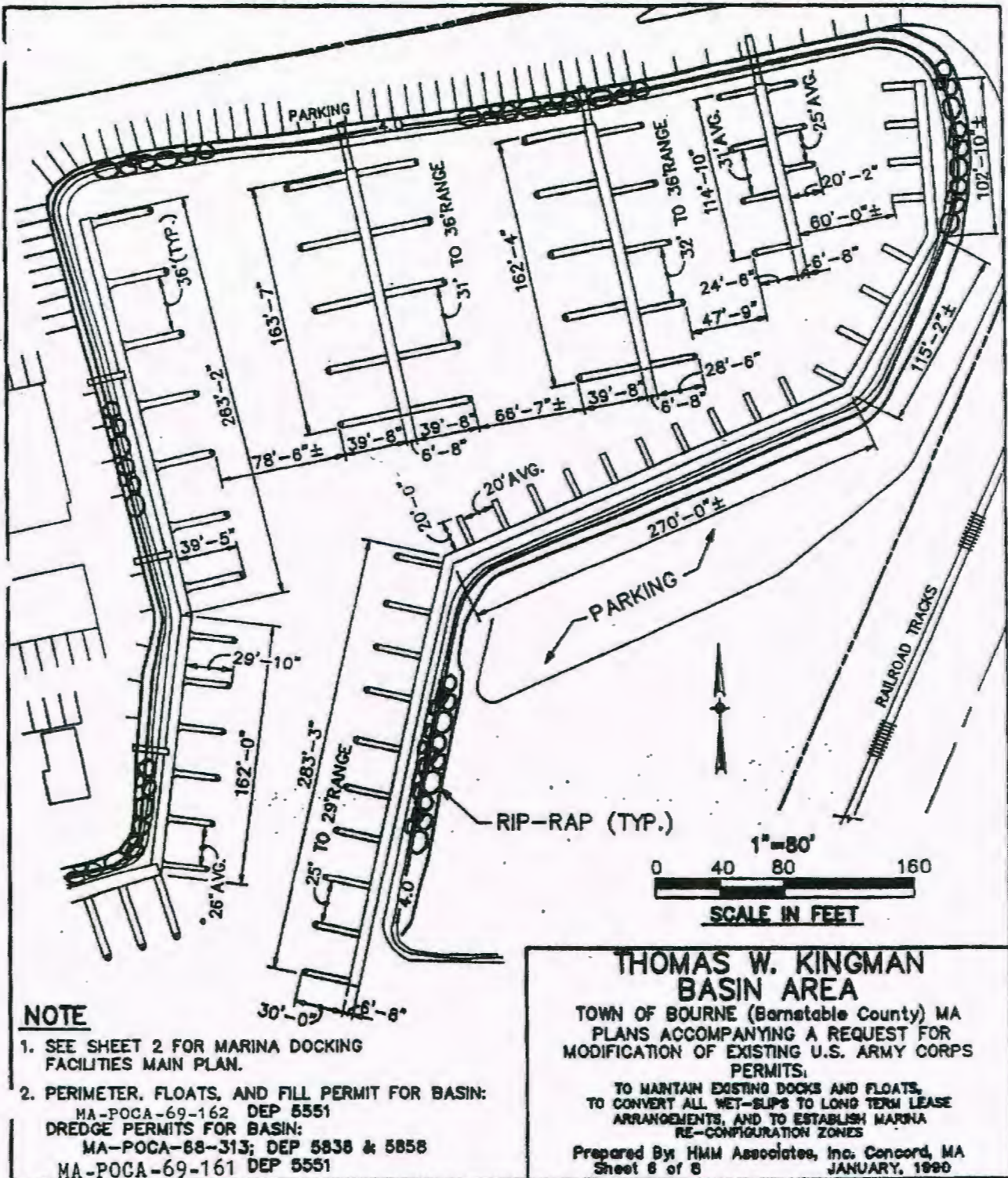
1. SEE SHEET 2 FOR MARINA DOCKING FACILITIES MAIN PLAN

**THOMAS W. KINGMAN
HARBORSIDE AREA**
TOWN OF BOURNE (Barnstable County) MA
PLANS ACCOMPANYING A REQUEST FOR
MODIFICATION OF EXISTING U.S. ARMY CORPS
PERMITS.

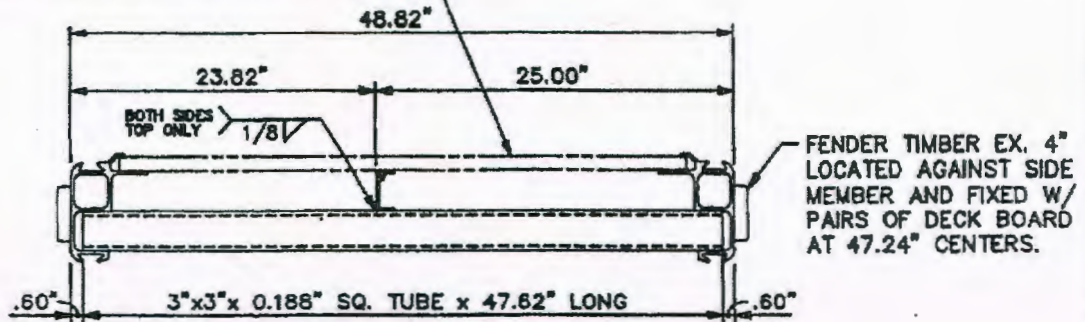
TO MAINTAIN EXISTING DOCKS AND FLOATS,
TO CONVERT ALL WET-SLIPS TO LONG TERM LEASE
ARRANGEMENTS, AND TO ESTABLISH MARINA
RE-CONFIGURATION ZONES

Prepared By: HMM Associates, Inc. Concord, MA
Sheet 5 of 8
JANUARY, 1990

REVISED 8/7/94



EX 4"x 1" TIMBER DECK BOARDS 41.77" LONG
SCREWED (3 PLACES) BY 6 NO. 10 GAUGE
x 1-1/4" STAINLESS STEEL (GRADE 316)
PHILLIPS FLAT HEAD SELF TAPPING SCREWS

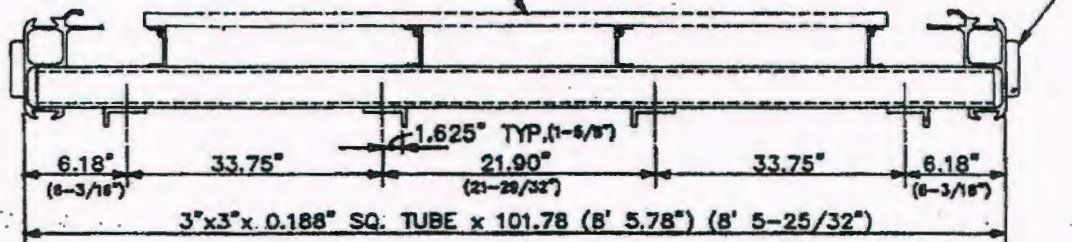


TYPICAL FINGER - SECTION ELEVATION

NOT TO SCALE

EX 4"x 1" TIMBER DECK BOARDS 41.77" LONG
SCREWED (3 PLACES) BY 6 NO. 10 GAUGE
x 1-1/4" STAINLESS STEEL (GRADE 316)
PHILLIPS FLAT HEAD SELF TAPPING SCREWS

FENDER TIMBER EX. 4"x 1" LOCATED
AGAINST SIDE MEMBER AND FIXED W/
PAIRS OF DECKBOARD AT 47.24" CRS.



TYPICAL WALKWAY - SECTION ELEVATION

NOT TO SCALE

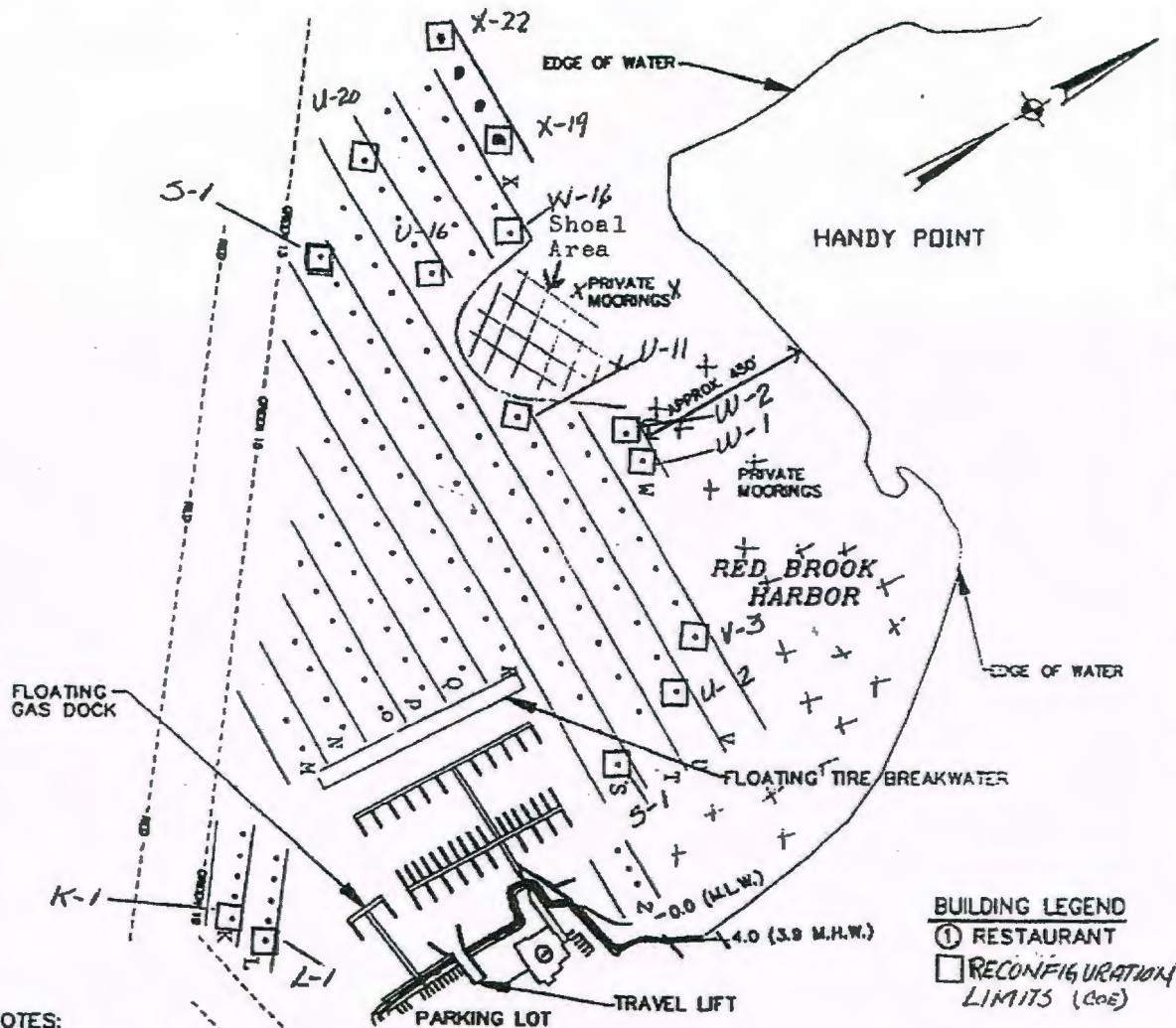
1. ALL PILE-HELD FLOATS HAVE BEEN OR WILL BE REPLACED WITH THIS TYPE OF WALKWAY AND FINGER SYSTEM.

THOMAS W. KINGMAN
TYPICAL FLOAT SECTIONS
TOWN OF BOURNE (Barnstable County) MA
PLANS ACCOMPANYING A REQUEST FOR
MODIFICATION OF EXISTING U.S. ARMY CORPS
PERMITS.

TO MAINTAIN EXISTING DOCKS AND FLOATS,
TO CONVERT ALL WET-SLIPS TO LONG TERM LEASE
ARRANGEMENTS, AND TO ESTABLISH MARINA
RE-CONFIGURATION ZONES

Prepared By: HMM Associates, Inc. Concord, MA
Sheet 7 of 8 JANUARY, 1990

REVISED NOVEMBER 1993



NOTES:

1. PLAN NOT TO SCALE
2. MOORINGS ARE APPROXIMATELY 90' APART FROM EACH OTHER AND ARE ALIGNED IN ACCORDANCE WITH A MOORING PLAN DEVELOPED BY THE BOURNE HARBORMASTER.
3. KINGMAN MARINE INC. HAS A TOTAL OF 130 MOORINGS, 73 OF WHICH ARE PERMITTED OR GRANDFATHERED BY THE CORPS UNDER DEPARTMENT OF THE ARMY PERMIT NO. MA-POCA-83-61.
4. LORAN COORDINATES OF MOORING FIELD PROVIDED BY KINGMAN MARINE.

A: 41°-40.52'N 70°-36.93'W
 B: 41°-40.53'N 70°-37.32'W
 C: 41°-40.59'N 70°-37.37'W
 D: 41°-40.68'N 70°-37.37'W

BARNSTABLE COUNTY
REGISTER OF DEEDS

A TRUE COPY, ATTEST

JOHN F. MEADE, REGISTER

5. Private Moorings Indicated with an 'X'. Private Mooring Locations from Bourne Town Hall Records.

**THOMAS W. KINGMAN
 MOORING PLAN**

TOWN OF BOURNE (Barnstable County) MA
 PLANS ACCOMPANYING A REQUEST FOR AN
 AFTER THE FACT PERMIT U.S. ARMY CORPS OF
 ENGINEERS PERMITS.
 TO MAINTAIN EXISTING MOORINGS

Prepared By: HMM Associates, Inc. Concord, MA
 Sheet 8 of 8
 SEPTEMBER, 1993

Revised 11/7/94