



## Village of Royal Palm Beach, Florida

Community Development  
1050 Royal Palm Beach Boulevard, Royal Palm Beach, Florida 33411  
Telephone (561) 790-5128 Fax (561) 790-5129

### SEAWALL / DOCK INFORMATION AND REGULATIONS

DATE \_\_\_\_\_

PROPERTY OWNER \_\_\_\_\_ PROPERTY CONTROL # \_\_\_\_\_

PROPERTY ADDRESS \_\_\_\_\_, ROYAL PALM BEACH, FL 33411

PHONE # (H) \_\_\_\_\_ EMAIL \_\_\_\_\_

**Adjacent Water Body** \_\_\_\_\_

\_\_\_\_\_ **Indian Trail Improvement District Approval Attached** (Any properties adjacent to M-1 Canal must obtain I.T.I.D. approval prior to submission of Dock or Seawall Application)

\_\_\_\_\_ **Cypress Key HOA Approval Attached** (Any properties adjacent to spur canal North of Cypress Key must obtain Approval prior to submission of Dock or Seawall Application)

#### TYPE OF CONSTRUCTION

Seawall

Dock

Seawall and Dock

GIVE BRIEF DESCRIPTION OF WORK TO BE PERFORMED

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#### CONTRACTOR INFORMATION

COMPANY \_\_\_\_\_ LIC# \_\_\_\_\_ EMAIL \_\_\_\_\_

ADDRESS \_\_\_\_\_

OWNER/QUALIFIER SIGNATURE \_\_\_\_\_

PRINTED \_\_\_\_\_

## ARTICLE II. CONSTRUCTION STANDARDS FOR STRUCTURES ON

### WATERWAYS Sec. 7-16. Permit required.

No person or agency shall build, maintain, extend or make structural alterations on any building, pier, piling, bulkhead, sea wall, reef, breakwater, or other structure, in, upon or over the public and private waters, or do any filling, excavating or dredging in said waters without first obtaining a written permit from the village to do so.

### Sec. 7-18. Permit application; procedure; support documentation; standards.

(a) *Application for permit or transfer.* An application for any permit or transfer of any permit required by this article shall be made to the building official in writing on forms provided therefore. The permit shall constitute an agreement by the permittee to comply with all conditions imposed in the granting of the permit.

(b) *Plans; standards.* The application for permit shall be accompanied by plans drawn to scale and specifications setting forth in detail the proposed structure. The plans and specifications submitted shall include all information needed by the building department to insure code compliance and must meet the following standards:

- (1) For construction water side of any lot on the water, a dock shall not be placed within ten (10) feet of the side property line extended;
- (2) Docks shall extend a maximum of five (5) feet out from the face of the bulkhead wall or from the high water line;
- (3) In no instance shall any structure extend more than twenty (20) percent of the width of the water body;
- (4) Any structure under roof shall be limited to one hundred (100) square feet and a height of eight (8) feet as measured at the eave line.
- (5) Bulkheads and seawalls shall be constructed four (4) feet landward of the original water's edge;
- (6) The tops of all bulkheads and seawalls shall be constructed to an elevation of fifteen (15) feet.

(c) *Additional documents required.* The following documents must be included with permit applications:

- (1) Permits required from any other authority that has a vested interest in the waterway must be submitted with permit application;
- (2) A fully executed easement agreement along with a hold harmless agreement on forms provided by the village shall be submitted with permit application if the structure is proposed to be located on village land.
- (3) A certificate of insurance indicating total coverage of at least three hundred thousand dollars (\$300,000.00).
- (4) Permits for bulkheads and seawalls must be accompanied by a survey showing the property line, water's edge, existing ground elevations and all easements;
- (5) Designs for bulkheads and seawalls shall be prepared by a registered professional engineer, licensed to practice in the State of Florida;
- (6) Designs for bulkheads and seawalls shall meet the current Construction Standards and Details for Waterways, Bulkheads and Banks.

(d) *Inspection required.* Final inspection of all docks and structures extending into the waterways of the village shall be required prior to issuance of Certificate of Completion.

(e) *Fees.* Each application for permit shall be accompanied by a fee in an amount established by resolution of the village council. No application for permit shall be accepted unless it is accompanied with the applicable fee which shall be nonrefundable.

**Sec. 7-21. Structure maintained without permit.**

Every structure maintained in or over the public and private waters without a current valid permit existing therefore when required by this article, or maintained in a manner or for a purpose other than or different from the provided in the permit, shall constitute a nuisance and shall be immediately abated and may be revoked. If upon written notice to remove any such structure the owner thereof fails, refuses, or neglects to do so within a reasonable time specified in the notice, being not less than five (5) nor more than thirty (30) days after such notice, the village shall abate or remove it and the attorney's fees and cost thereof may be recovered from the owner of such structure in a civil action.

# BULKHEAD

AS PROVIDED, SPECIFIED BY INDIAN TRAIL IMPROVEMENT DISTRICT

SCALE: 1/2" = 1'-0"

APPROX. EXISTING GRADE

3' MAX ABOVE HIGH WATER LINE

PROPOSED 2" X 10"  
0.40 CCA P.T. CAP

PROPOSED 2(EA.) 2" X 6"  
0.40 CCA P.T. WALER (TYP.)

PROPOSED FILTER CLOTH  
FABRIC (AMOCO 2016, OR  
APPROVED EQUIVALENT)

PROPOSED 2" X 8" X 4' 8"  
LONG 0.80 CCA P.T. SHEETING

PROPOSED 8" DIA. X  
0.80 CCA P.T. PILE  
5' 0" O.C.

LONG

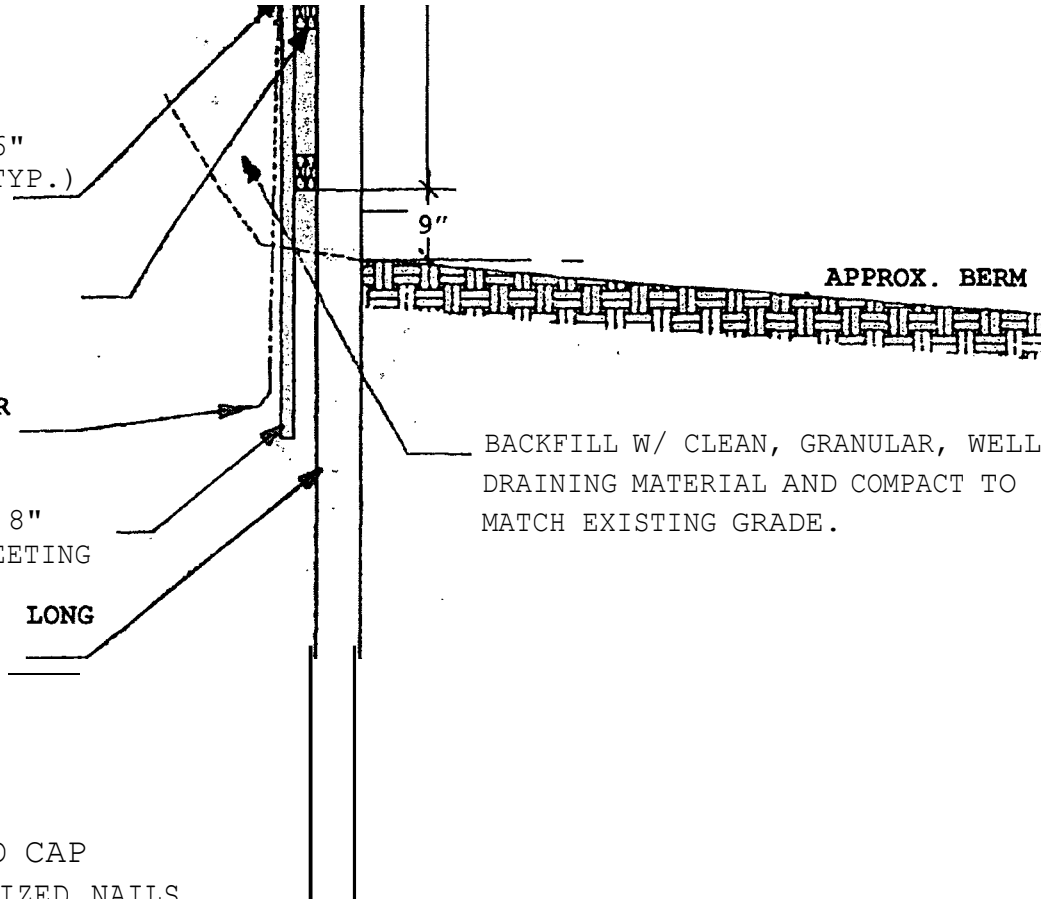
9"

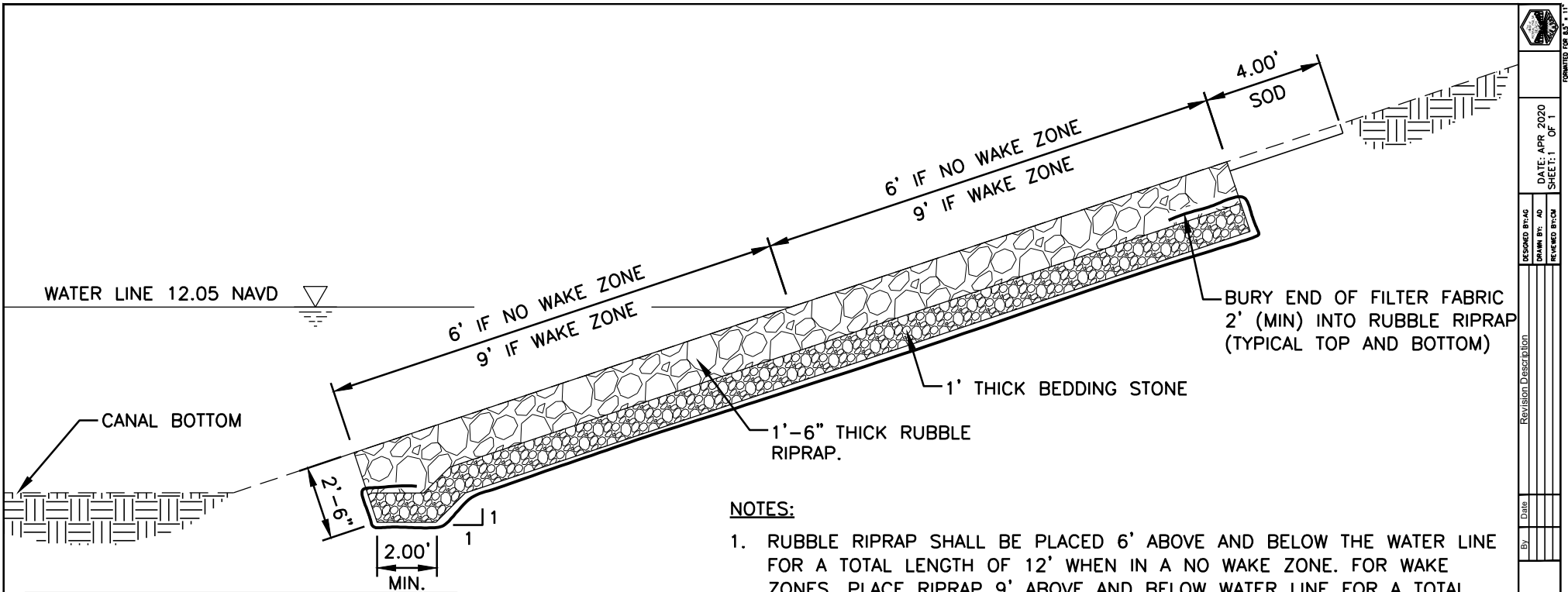
APPROX. BERM

BACKFILL W/ CLEAN, GRANULAR, WELL  
DRAINING MATERIAL AND COMPACT TO  
MATCH EXISTING GRADE.

NOTE:

FASTEN WALERS, SHEETS, AND CAP  
WITH 16d HOT-DIPPED GALVANIZED NAILS.





WATER LINE 12.05 NAVD

CANAL BOTTOM

6' IF NO WAKE ZONE  
9' IF WAKE ZONE

6' IF NO WAKE ZONE  
9' IF WAKE ZONE

BURY END OF FILTER FABRIC  
2' (MIN) INTO RUBBLE RIPRAP  
(TYPICAL TOP AND BOTTOM)

1'-6" THICK RUBBLE  
RIPRAP.


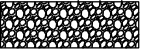

1' THICK BEDDING STONE

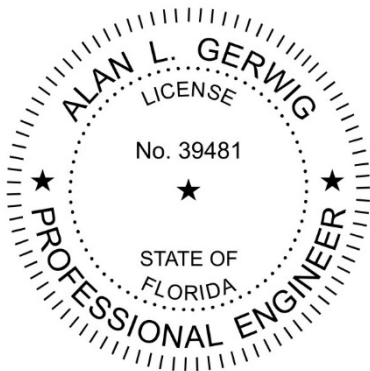
2'-6"  
2.00'  
MIN.

**NOTES:**

1. RUBBLE RIPRAP SHALL BE PLACED 6' ABOVE AND BELOW THE WATER LINE FOR A TOTAL LENGTH OF 12' WHEN IN A NO WAKE ZONE. FOR WAKE ZONES, PLACE RIPRAP 9' ABOVE AND BELOW WATER LINE FOR A TOTAL LENGTH OF 18'.
2. RUBBLE RIP RAP TO MEET THE REQUIREMENTS OF SECTION 530-2.1.3.2 OF F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
3. BEDDING STONE TO MEET THE REQUIREMENTS OF SECTION 530-2.1.4 OF F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
4. FILTER FABRIC TO MEET REQUIREMENTS OF SECTION 985 (TYPE D2) OF F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
5. PLACE RUBBLE IN PLACE FORMING A COMPACT LAYER CONFORMING TO THE CANAL EMBANKMENT SLOPE AS DIRECTED BY THE VILLAGE ENGINEER. ENSURE THAT RUBBLE DOES NOT SEGREGATE SO THAT SMALLER PIECES EVENLY FILL THE VOIDS BETWEEN LARGER PIECES.
7. SOD A 4' WIDE STRIP ALONG SIDES AND TOP OF RIPRAP. SOD OR SEED AND MUCH ALL OTHER DISTURBED AREAS.

**LEGEND**

-  RUBBLE RIPRAP
-  BEDDING STONE
-  GRANULAR FILL/INSITU SOIL



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY ALAN GERWIG ON THE DATE ADJACENT TO THE SEAL. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED. THE SIGNATURE MUST BE VERIFIED ON THE ELECTRONIC DOCUMENT.

**RESIDENTIAL RUBBLE RIPRAP  
BANK PROTECTION  
SCALE: 1"=5'**

**Alan Gerwig & Associates, Inc.**  
 12798 W. Forest Hill Blvd., Suite 204  
 Wellington, FL 33414  
 CA #7969  
 Ph.: (561) 792-9000  
 Fax.: (561) 792-9901  
 PROJECT #20-018  
 Civil and Structural Engineers

RESPOND BY: AG	DATE: APR. 2020
DRAWN BY: AG	SHEET: 1 OF 1
REVIEWED BY: AG	
By	Date
VILLAGE OF ROYAL PALM BEACH STANDARD DETAILS	
RESIDENTIAL RUBBLE RIPRAP DETAIL	
Village of Royal Palm Beach Planning & Engineering	
Professional Engineer, License No. 39481	
ALAN L. GERWIG	
SEAL	