



# Seawall Permit Building Permit

# 31

**Job Information** Application Date: \_\_\_\_\_ Est. cost: \_\_\_\_\_ Permit #: \_\_\_\_\_

Tax/Folio #: \_\_\_\_\_ Job Address: \_\_\_\_\_

Legal Sub/Unit/Blk/Lot: \_\_\_\_\_

Owner Name: \_\_\_\_\_

Owner Mailing Address (if different): \_\_\_\_\_

**Contractor Information**

Contractor: \_\_\_\_\_ State Cert/CC Comp Card #: \_\_\_\_\_

Qualifier's name: \_\_\_\_\_ Job rep: \_\_\_\_\_

Address: \_\_\_\_\_

Phone/Fax/E-mail: \_\_\_\_\_

**Work being performed**

Description: \_\_\_\_\_

Seawall (Linear Ft. \_\_\_\_\_)  Cap only (Linear Ft. \_\_\_\_\_)  French Drain (Linear Ft. \_\_\_\_\_)

**Location of materials, seawall pours and loading of equipment:**

If the above items occur on a vacant lot a separate Temporary Use Permit is required.

If the above items occur on another property provide address \_\_\_\_\_

Will barges be used with this permit? Yes: \_\_\_\_\_ No: \_\_\_\_\_ If yes, indicate the dimensions of the barge:

**Sub-Contractor Information**

Electrical: \_\_\_\_\_ State Cert/CC Comp Card #: \_\_\_\_\_

Plumbing: \_\_\_\_\_ State Cert/CC Comp Card #: \_\_\_\_\_

**The following must be included with the application**

\_\_\_\_\_ Scaled site plan indicating location of the seawall, distance of seawall, and distance between each side property line.

\_\_\_\_\_ Survey or plat map with the subject lot highlighted or circled showing the width of the subject lot(s) and waterway.

\_\_\_\_\_ Plans sealed by and Professional Engineer.

\_\_\_\_\_ Pre-permit Design Professional Inspection Affidavit

## Engineering Requirements

City of Marco Island Resolution 14-48, A Professional Engineer registered in the State of Florida shall prepare and seal all plans and specifications for seawalls and revetments, repair, alteration, reconstruction or replacement. The Professional Engineer shall be qualified by training and experience to provide seawall and revetment design.

Criteria:

1. Provide soil and site parameters for structural design.
2. As a minimum, the seawall shall be adequate to sustain the loads shown on Figure 1.
3. Design of seawalls shall be in accordance with generally accepted engineering design methodologies such as those published by Portland Cement Association, American Concrete Institute, U S Steel Sheet Pile Manual, Aluminum Association, Fiber Reinforced Polymer (FRP) wall manufacturers, and "Pile Buck" sheet pile wall design. Maximum initial panel deflection in inches shall be the exposed face (feet) divided by 12. For example, 9' exposed face divided by 12 is 0.75 inches.
4. Seawalls may be designed as cantilever walls without use of a tie-back system. An expansion joint is required where a cantilever wall abuts a tied-back wall. Initial deflection at the top of the cantilever seawall shall not exceed 1".
5. T-Pile seawalls shall not be used to replace existing seawalls.
6. Structural repairs to seawalls shall comply with the applicable specifications contained herein.

## Seawall Inspection and Quality Control Schedule

1. Prior to construction, recording of exposed height above toe-berm at a minimum of three locations: center and each end at property lines.
2. Forming of concrete sheet piles and placement of reinforcing prior to concrete placement.
3. Seawall placement, with filter fabric, including proper length, and weep holes prior to backfilling.
4. Anchor reinforcement/tieback placement, and concrete cap forming and reinforcement, including expansion joints.
5. Toe-berm rip rap, French drains, final grades, final exposed height, and post –construction clean-up

Alternatively, 7 day tests are acceptable in lieu of 28 day tests of concrete cylinders. The average 7 day compressive strength for each 2 cylinder test shall be a minimum of 70% of the specified 28 day compressive test.

## Regulations and Information

1. Plans size shall be 24" x 36" or a minimum of 11"x17", on standard paper. Plans must be to scale.
2. Separate permit required for dock, lift, electric and plumbing. There will be a CO Hold on this permit until the dock permit is issued.
3. Staging activity shall comply with Marco Island Ordinance 13-03 where the work is being performed on a vacant lot or at a commercial lot.
4. One application must be filled out with the original signature of the qualifier pulling the permit.
5. A completed Seawall Manufacturing and/or Staging form for use of vacant Lots must be submitted to the Community Affairs Department.
6. Prior to permit issuance a pre-inspection fee of \$50.00 will be paid and the site will be inspected to verify the existing conditions of the principle and adjacent lots. If potential issues are identified the permit applicant will notified. If the applicant decides to cancel the application before permit issuance this fee will not be refunded.
7. The fees for seawall work are as follows:
8. \$2.00 per lineal foot, minimum \$150.00;
9. \$0.75 per lineal foot for shoring, rip-rap, or reinforcement work, minimum \$60.00;
10. \$0.40 per lineal foot for minor repairs and maintenance, minimum \$60.00.
11. A plan review fee of 25% of the permit fee will be charged at the time of application. This fee is not refundable nor is it credited to any other fee.
12. The Electronic Data Conversion Surcharge, added to all permits, would equal 5% of the total permit cost, with a minimum charge of \$5.00 and a maximum charge of \$300.00. This fee is capped at \$100.00 if the permit documents are also submitted in electronic format.
13. The Engineer of Record must certify that the work was inspected and was performed in accordance with the approved plans, prior to issuance of Certificate of Completion.
14. A survey shall be provided showing the location of the new or repaired seawall in relation to the adjacent seawalls, platted boundary, or mean high water line, and showing the height of the new or repaired seawall in N.A.V.D. 88.

RECORDED NOTICE OF COMMENCEMENT MUST BE POSTED IF THE PROJECT VALUATION EXCEEDS \$2,500.00

**WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU'RE PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.**

**Contractor's Affidavit**

I certify that all the foregoing information is accurate and that all work must be done in compliance with all applicable laws regulating construction and zoning. I understand **THERE WILL BE A FINAL INSPECTION** of the work permitted herein. Compliance will be strictly enforced.

**No work whatsoever will commence until the building permit has been issued.**

- The permit fee will be quadrupled if work is started without an approved permit.
- The permittee further understands that only licensed contractors may be employed and that the structure shall not be used or occupied until a Certificate of completion is issued.
- The Licensed Contractor possesses all required insurance coverage (i.e., liability, compensation, US L&H) for work authorized by this permit
- See Section 104.5.1.4 of the Marco Island Administrative Construction Code for information regarding the permit expiration date.
- Unsatisfactory closing of permits may result in suspension of permitting privileges.

\_\_\_\_\_  
Print Name of Qualifier

\_\_\_\_\_  
Signature of Qualifier

State of Florida, County of \_\_\_\_\_

The foregoing instrument was acknowledged before me this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_, by \_\_\_\_\_, who is personally known to me or has produced \_\_\_\_\_ as identification.

\_\_\_\_\_  
Signature, Notary Public – State of Florida

(Seal)

\_\_\_\_\_  
Printed, Typed, or Stamped Name of Notary