



DUNCAN
SEAWALL, DOCK & BOAT LIFT, LLC

April 15, 2019

Mr. Teo Zacchini
 8204 Longbay Blvd.
 Sarasota, FL 34243

Phone: 941-809-3818
 Email: zacchini53@gmail.com

Dear Mr. Zacchini:

Thank you for choosing Duncan Seawall, Dock and Boat Lift for your waterfront enhancements. Duncan Seawall has been in business since 1979 and has maintained an excellent reputation for quality workmanship. Our proposal is as follows:

101 Linear Feet of New Seawall Cap:

Duncan Seawall will remove and dispose of a majority of the existing concrete cap, leaving the existing tieback rods and caps in place. Duncan Seawall will then form and pour 101' of new seawall wrap cap. The new cap will be approximately 11" high x 16" wide and will have (5) pieces of #5 steel rebar running the length of the cap and #3 stirrups placed on 18" centers. The cap will be constructed with 5,000 P.S.I. concrete with a fibercrete mesh additive for additional strength. Once the concrete has been finished, Kurez curing compound will be applied to minimize plastic-shrinkage cracks and extend the life of the cap. The new cap will be as close as possible to the size of the existing cap.

The wall will be supported by the existing tieback rods unless some are found to need replacement when the cap is removed. Additional tiebacks will be billed at the extra cost of \$450.00 each. New anchors will consist of 14" x 1" HDG steel tiebacks connected to an independent concrete deadman, which will measure a minimum of 12" x 24" x 40" in size and will be constructed of 4,000 P.S.I. concrete with (7) pieces of #5 steel rebar for strength.

The construction area will be backfilled with only the leftover fill from the cap excavation and tieback holes, rough graded and left for re-sodding and re-landscaping by others. If requested, additional fill could be provided for an additional charge.

Please be advised, this is a major construction project and the owner is responsible for disconnecting and reconnecting all electric, water and/or sprinkler lines at the seawall as needed. If Duncan Seawall disconnects the electric and water, there will be an additional \$225.00 fee added to the project total. This charge does not include reconnection of the electric and water, nor does it include any work to the irrigation and sprinklers.

For the Cost of: \$26,090.00 (using existing tiebacks)

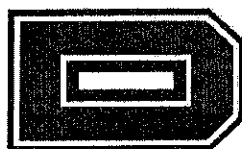
Recommended Repairs to Existing Seawall:

Well-points:

Due to the absence of any weep holes or well-points in the existing seawall to relieve hydraulic pressure from rainwater buildup, it is recommended that (50) 1½" well-points be installed approximately 4' on center for hydrostatic pressure release. The PVC well-points will be drilled into the seawall at the existing seams and will have cloth installed on the landward end of the PVC to prevent erosion.

For the Cost of: \$ 4,850.00

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Seawall Seam Filling:

The existing seawall seams have experienced erosion over the years that is allowing sand to flow out from behind the seawall and cause depressions in the land along the edge of the seawall. In order to slow the movement of material through the wall, Duncan Seawall recommends filling approximately 50 seams with hydraulic cement from the sand table to approximately 4" above the Mean High-Water level (barnacle line). The seams will be cleaned of debris and marine growth prior to filling and the hydraulic cement will be applied by hand in each seam as needed to fill the eroded gaps.

For the Cost of: \$ 4,000.00

Epoxy Cracks on Existing Cap 100-Feet South of the Property:

Duncan Seawall will provide the labor and materials to grind out the existing longitudinal cracks on the seawall cap and will fill the cracks with epoxy to help seal out water and air and to prolong the life of the cap, per the recommendations of the engineer of record. This work will be done on a time and material basis:

For the Cost of: \$ 180.00/hr. for a crew of two plus materials

Auxiliary Tiebacks in Cracked Panels:

The engineering report specifies two panels that are cracked and require additional secondary anchors. The existing cracks will be v-grooved and epoxied and then an auxiliary anchor will be placed on each end of the damaged slab at the elevation of the existing cracks. Each tieback rod will have (1) 6" x 6" x 1/2" galvanized steel plate bolted at the end, which will connect the wall an MR 1 Manta Ray anchor. The MR 1 Manta Ray will be driven into the yard and preloaded to approximately 13,000 P.S.I.

For the Cost of: \$ 5,473.00

Permitting:

Price quoted does not include any permitting costs. Duncan Seawall will obtain the Manatee County permit and the D.E.P. and/or Army Corps of Engineers approvals, if required. All costs (including surveys and/or engineering fees) required by any of these agencies will be the owner's responsibility and added to the project total. Homeowner is responsible for obtaining any necessary Homeowner or Community Association approvals.

Duncan Seawall will attempt to make the customer aware of any potential conditions or problems during the introduction process; however, from time to time unexpected/unforeseen conditions do arise. The customer will be responsible for additional equipment and labor costs that may become apparent during the construction process due to undisclosed, undiscovered and/or unforeseen conditions. Unforeseen conditions include, but are not limited to, rock, clay, debris or buried concrete within the construction area.

Duncan Seawall will forward/transfer any and all warranties provided by our manufacturers and suppliers. Upon acceptance of this proposal, Duncan Seawall requests a 10% down payment and 90% *due upon completion* of the above stated work. Credit card transactions are subject to a 2.5% non-refundable fee charged by a third-party payment processor.

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This contract incorporates Florida Statute 713.015 relating to Florida construction lien laws as attached. In the event of default of contract, the prevailing party is entitled to receive reasonable and customary court costs, attorney fees, and appellate fees, if any, in relation to the enforcement of contract. Interest will accrue at 18% per annum on all accounts not paid within (10) days of project completion.

Respectfully submitted,

Thomas Glancy
Regional Sales Manager

NOTE: Duncan Seawall may withdraw this proposal if not accepted within (30) days.

ACCEPTANCE OF PROPOSAL

The above prices, specifications, and conditions are satisfactory and are hereby accepted. Duncan Seawall, Dock and Boat Lift is authorized to do the work as specified above. I have initialed next to the option(s) I want Duncan Seawall, Dock and Boat Lift to complete.

Signature: Teo L. Zacchini Date: 4/17/19

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