

**RIVIERA DUNES PRIVATE MARINA
MOORING PILING SPECIFICATION 15.010**

Description of proposed installation:

A plan view drawing to scale is required with dimensions to any adjacent, existing piling, floating docks or structures. The entire piling shall be located within the Private slip's area and may not extend past the slip boundary of an adjacent slip or be within 8" of the floating dock, for Neighborhood Marina Docks. The seaward-most piling may be located, subject to the approval of the Dock Committee, at an appropriate distance from the main dock so as to allow a safe mooring position of the proposed vessel. It is not necessary that the proposed seaward-most piling be placed in an alignment with adjacent piling belonging to neighboring slips. Application shall include vessel data including, make, model, full actual vessel length including pulpit and swim platform, beam and weight.

Piling Type and Minimum Size:

The minimum size and type piling is an 12" Butt Diameter ASTM D-25 timber piling treated with an FDEP approved treatment for saltwater immersion. Piling are to be a natural "treatment green" color and remain unpainted. Rub strips and fendering will be considered. Larger size piling, dolphin configurations and different material types will be considered.

Pile Capacity:

In as much that the basin is 16' to 18' deep, licensees shall make their own determinations as to pile size, capacity and material type based on the projected loading of the mooring pile taking into account the vessel parameters and possible wind and wave loading, making certain the piling selection is adequately sized. The HOA makes no representation of the adequacy of the minimum size piling for the intended purpose. The HOA, through the Dock Committee may require licensee to submit calculations in order to determine if the piling are adequately sized.

Pile Accessories:

A white, pointed PVC pile cap is required and shall be maintained for the life of the piling. Line holders are permitted.

Installation:

The basin is predominately dolomitic limestone and general requires a punched or drilled pile hole. Piling shall be installed plumb and in the location shown on the permit drawings. Piling shall be installed with sufficient penetration into the basin bottom to insure a stable, plumb piling, developing full lateral capacity. Piling shall be backfilled with gravel, mechanically tamped for the full length and annulus of the pile hole.

The top-of-pile elevation shall match existing, adjacent piling. Piling are to be installed no closer than 6" from the floating dock, for Neighborhood Marina installations. If piling are installed within 8" of the floating dock, for Neighborhood Marina installations, a pile roller is required.

If proposed piling are to be installed within 5' of an existing piling or within 8' of a floating dock foundation piling, for Neighborhood Marina installations, the contractor is to provide an installation plan to insure that the existing adjacent piling do not lose lateral or compressive capacity. Bridging of pile holes is a concern.

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Installation (continued):

Contractor shall conduct operations so as to prevent adjacent boats from receiving any liquid or - particulates including, but not limited to jet pump spray from leaking hoses or direct dust spray from pile cutting. Licensee shall be responsible for any boat cleaning costs or any damage as a result of the installation.

Contractor to protect the painted dock surface of the Neighborhood Marina docks by surrounding the slip with a protective covering while workers are present for the duration of the work.

Contractor to transport boat lift parts to the work area in a manner to not mar the painted or aluminum dock surface. Neighborhood Marina Slip licensee shall be responsible for any dock surface damage repair costs incurred by the HOA as a result of the installation.

Application of this Specification:

This specification shall apply to: (A) Any unpermitted, non-conforming work, or (B) New installations, or (C) Relocation of existing pilings or, (D) Upon replacement of the existing or non-conforming piling for any reason whatsoever including, but not limited to damage, age, storm damage or force majeure.

Maintenance:

Licensee shall maintain the piling and accessories in a functional, form in good appearance and remove or replace any unusable or damaged piling or accessories in a timely fashion.