



Prepared By: Florida Shoreline and Foundation
4561 Clark Rd., Sarasota, FL 34233
www.shorelineandfoundation.com
941-927-1410 CBC 1260841 - SCC 131151783

Scale:
3/8" = 1'

Drawing Date:
Dec 11, 2023

Typical Residential Dock Detail

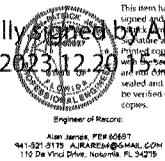
Pile Cap (header) and Bolt Chart
Design Live Load of 40 PSF

For 12' Longitudinal Spacing			For 10' Longitudinal Spacing		
Pile width: ft	Cap size: in	Bolt size: in	Pile width: ft	Cap size: in	Bolt size: in
4' or less	(2) 2" x 8"	(2) 5/8" dia	4' or less	(2) 2" x 8"	(2) 5/8" dia
6'	(2) 2" x 8"	(2) 5/8" dia	6'	(2) 2" x 8"	(2) 5/8" dia
8'	(2) 2" x 8"	(2) 5/8" dia	8'	(2) 2" x 8"	(2) 5/8" dia
10'	(2) 2" x 12"	(2) 5/8" dia	10'	(2) 2" x 10"	(2) 5/8" dia
12'	(2) 3" x 12"	(2) 3/4" dia	12'	(2) 2" x 12"	(2) 3/4" dia

When constructed as shown, this structure will withstand loads associated with wind speeds of 160 MPH, and is in compliance with Florida Building Code, 8th Edition – 2023, and all local amendments

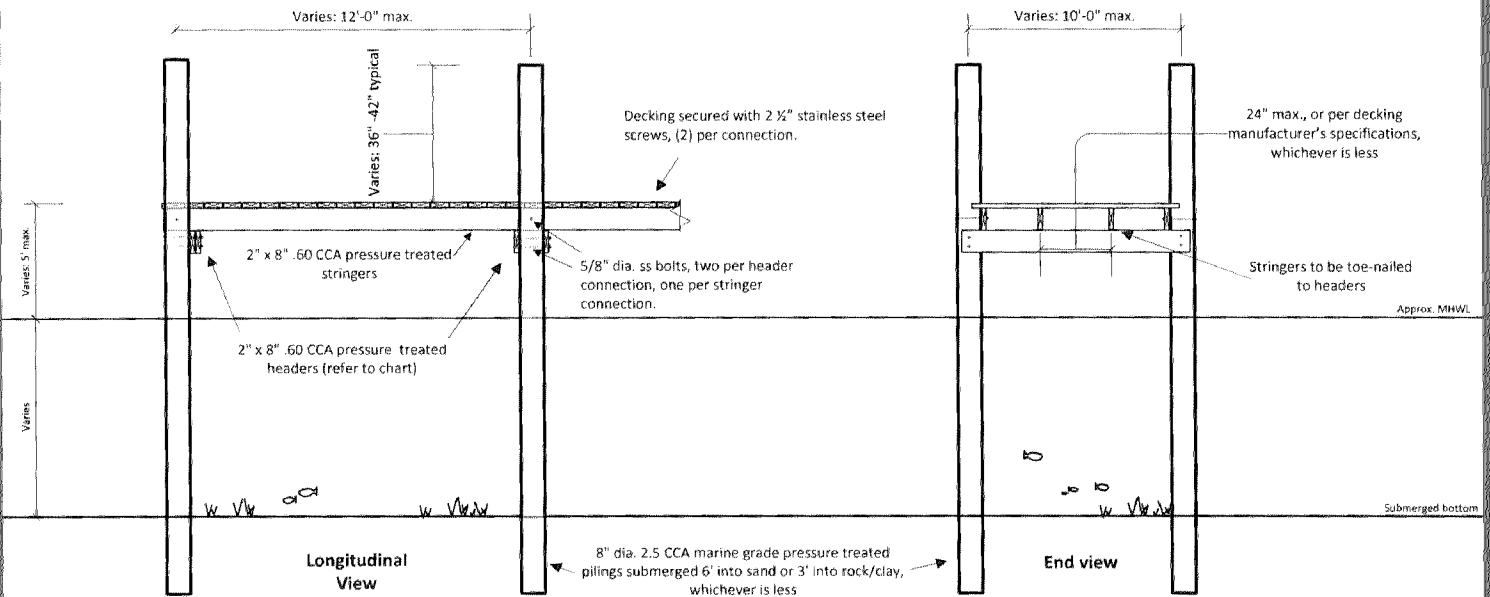
Alan James PE

Digitally signed by Alan James PE
Date: 2023.12.20 15:34:19 -05'00'



THIS DRAWING IS GOOD/VALID UNTIL FURTHER NOTICE. Alan James

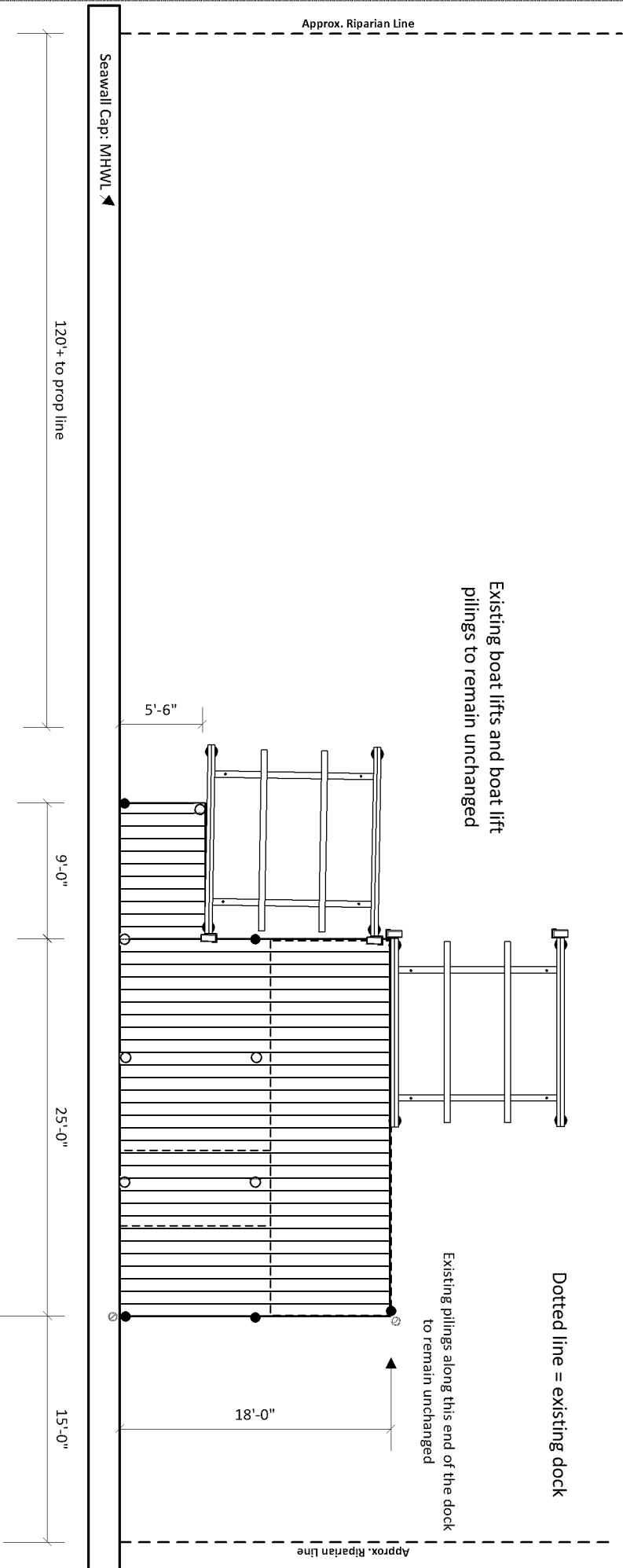
- Headers and stringers to be SYP 2" x 8" .60 CCA pressure treated S4S timbers, or better
- Header connection to pilings to utilize (2) 5/8" stainless steel bolts
- Stringer connection to piling to utilize (1) 5/8" stainless steel bolt



SCOPE OF WORK: Remove the substructure, decking, and most of the dock pilings. Expand and reconstruct the dock as shown. The boat lift and boat lift pilings not to be changed

Canal width: 280'
30% = 84' max. into canal

Scale: 1" = 10'



500 square feet of dock



Prepared By: Florida Shoreline and Foundation
4561 Clark Road, Sarasota, FL 34233
www.shorelineandfoundation.com
941-927-1410

Date: Jan 3, 2024
FL License No. CBC 1260841
SCC 131151783

Prepared For: Steve Kranz
593 Juan Anasco
Longboat Key, FL 34228