



**INDIAN RIVER COUNTY/CITY OF VERO BEACH
BUILDING DIVISION
1801 27th Street, Vero Beach, FL 32960 772 226-1260**

NOTICE

From: Scott McAdam, CBO, MCP, Building Official
To: All Permit Applicants
Date: 10/17/16
Subject: Dock/Pier Timber Piling Requirements

Effective Date: 10/17/16

Code Sections:

FBC Building 1604 and FBC Residential R301

Inspection request code: **168 Piling In Progress**

Typical items that will be inspected:

1. Assurance of piling embedment depth per plan (minimum 6 foot)
2. Piling length and diameter (do not cut off marking on top of piling)
3. Method of driving (auger or hammering/punching maybe required to meet minimum depth)
4. On center spacing
5. Type of pile including treatment, CCA, other

This inspection is to be requested as an in progress inspection with a large number of the piles driven but not all of them. Need to observe the process, typically the pile installation is done over a multiple day period of time where the inspection can easily be requested and the process observed with no slowdown of production. This inspection is to verify piles are being driven properly per approved plans and meet the minimum criteria. It has been found after recent storms, there is an issue with piles being installed properly. Simply driving piles to a point of resistance does not address all the loads that need to be addressed for proper pile installation. When resistance is found before the minimum pile embedment depth is reached, loads such as lateral, rotation, uplift/suction/friction, etc are not addressed, and only vertical loads are addressed.