

1606 Surfside Drive



Analysis of City of Fort Pierce 28' above existing grade height requirement. Total height allowed is 34 feet NAVD

	Grade	Building Height
Existing grade	6.0 NAVD	0.0 feet
Beaches and Coastal Systems Wave break height (bottom of structure)	16.4 NAVD	10.4 feet
24" Floor Structure 16" beam 8" precast concrete floor system	18.4 NAVD	12.4 feet
12" roof structure (flat pre cast concrete panels and topping 6" for roof slope for drainage	34.0 NAVD	28.0 feet

Remaining available height 28.0 feet minus 12.4 feet = 15.67 feet total available interior ceiling height.
Two story house would be impossible even with a flat roof

Please note that the ground floor is elevated per state Beaches and Coastal Systems requirements to allow a wave to run under the house during a hurricane. The walls of the first floor will break away in a storm. There can be no horizontal structure below 16.4 feet NAVD.

This space is not available for any use other than garage or storage.



Residence at 1607 Surfside Drive across the street. Built with a 45 foot height allowed.



Residence at 1812 Surfside, south of 1606 Drive higher than 28 feet



Condominiums located north of 1606 Surfside visible from street at 1606 Surfside Drive



Condominiums located south of 1606 Surfside visible from street at 1606 Surfside Drive