



**PROJECT:** FEMA - 1545 - DR - FL Coastal High Water Mark Survey Project  
**CONTENTS:** Individual Historical High Water Mark Survey Report  
**TYPE:** High Water Mark Survey  
**COMM. NO.** 12127C      **PREL.** 1/10/2005      **FINAL** 1/31/2005      **SHEET** Volu-2

<b>HWM ID</b>	Unit1_4	<b>Type of Mark:</b>	Red paint
<b>Name of Storm Event:</b>	Frances	<b>Date of Flood Event:</b>	9/5/2004
<b>Stream Name/Flood Source:</b>	Atlantic Ocean	<b>Quality of Mark:</b>	Good
<b>Survey Elevation (NAVD 88):</b>	6.2 ft <b>NGVD 29: 7.4 ft</b>	<b>HWM Object:</b>	Seawall
<b>Flooding Type:</b>	Wave height		
<b>HWM Address:</b>	4301 Atlantic Ave		
<b>Location of HWM Object</b>	End of road on North side of Hacienda Del Sol II.		
<b>HWM Type:</b>	Water line		
<b>Closest Municipality:</b>	New Smyrna Beach	<b>County</b> Volusia	<b>State:</b> Florida
<b>Name of Flagger/Interviewer:</b>	Hatchett	<b>Flagger Company:</b>	URS
<b>Date of Flagging/Interview:</b>	9/11/2004		
<b>Survey Crew:</b>	SH, NT	<b>Survey Company:</b>	PBS & J
<b>Survey Date:</b>	9/28/2004		
<b>Survey Projection:</b>	State Plane Florida East	<b>Vertical Datum:</b> NAVD 88	<b>Horizontal Datum:</b> NAD 83 (90)
		<b>Easting (Meters):</b>	<b>Easting (feet):</b> 1696999.93082
<b>Survey Latitude:</b>	28.99953	<b>Northing (Meters):</b>	<b>Northing (feet):</b> 696711.114492
<b>Survey Longitude:</b>	80.87174	<b>Approx. First Floor Elevation:</b>	N/A

**Comment**

Surveyor Comments: HWM was measured at 5.76 feet below top of seawall.



Unit1\_4.jpg

*Survey Certification: Coastal High Water Mark Location survey is certified to 0.25 feet vertically and 10 feet horizontally with a 95% accuracy level.*

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