



**PROJECT:** Hurricane Ivan, 1551 DR - Florida  
**CONTENTS:** Individual Historical High Water Mark Survey Report  
**TYPE:** High Water Mark Survey  
**COMM. NO.** 12033C      **PREL.** 11/10/2004    **FINAL** 12/23/2004    **SHEET** Esca-21

**HWM ID:** UnitF7\_21      **Type of Mark:** Duct tape  
**Name of Storm Event:** Ivan      **Date of Flood Event:** 9/16/2004  
**Stream Name/Flood Source:** Pensacola Bay      **Quality of Mark:** Good  
**Survey Elevation (NAVD 88):** 11.5 ft      **NGVD 29:** 11.8 ft      **HWM Object:** Interior garage door transferred to garage door frame  
**Flooding Type:** Surge  
**HWM Address:** 510 Windrose Circle  
**Location of HWM Object:** West end of house.

**HWM Type:** Mud line  
**Closest Municipality:** Pensacola      **County:** Escambia      **State:** FL

**Name of Flagger/Interviewer:** McLeod      **Flagger Company:** URS  
**Date of Flagging/Interview:** 10/4/2004

**Survey Crew:** AES/BP      **Survey Company:** NORTH WEST FLORIDA LAND SURVEYING, INC.  
**Survey Date:** 10/28/2004  
**Survey Projection:** LAMBERT, ZONE 903 (FLORIDA NORTH)      **Vertical Datum:** NAVD 88      **Horizontal Datum:** NAD 83  
**Survey Latitude:** 30.39822      **Easting (Meters):**      **Easting (feet):** 1104071.513  
**Survey Longitude:** 87.24213      **Northing (Meters):**      **Northing (feet):** 518894.0712  
**Approx. First Floor Elevation:** 10.4 ft

**Comment**



*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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