

# Stormwater Drainage Approval \& Plan 



THE CITY OF KEY WEST

TO: Donald Craig, Planner<br>Nicole Malo, Planner<br>CC: Trepanier \& Associates, Inc.<br>Rick Milelli, P.E.<br>Doug Bradshaw, Senior Project Manager<br>FROM: Elizabeth Ignoffo, E.I., Permit Engineer<br>DATE: April 21, 2011<br>\section*{SUBJECT: 512 Greene Street Parking Lot Drainage Plan Review \& Comments}

The Site and Drainage Plans, dated March 24, 2011, for 512 Greene Street have been reviewed. The following comments are provided:

1. The Site Plan shows a proposed asphalt parking area, including eight (8) bicycle spaces, three (3) standard vehicle parking spaces, one (1) van-accessible parking ADA space, and trash and recycling storage area.
2. The parking area impervious area will be reduced by approximately 130 square feet. The percent impervious area for the proposed parking area will be $74.8 \%$.
3. The Drainage Plan shows a 24LF trench grate installed at the driveway entrance, three (3) stormwater retention swales, and grading to direct the stormwater runoff into the swales.
4. The required stormwater retention volume, allowing a $50 \%$ credit for utilization of dry retention, is based on 2.5 inches times the percent impervious ratio, shall be 365 cubic feet.
5. The combined retention volume of Swale A, B and C is 411 cubic feet.

The architect's Site Plan, Sheet A1, revision date 12/19/2010, shows the parking area lighting plan and ADA Access Route. The Site Plan A1, Site Plan C-1, and Drainage Plan C-2 meet the requirements of the City of Key West Code of Ordinances, Chapter 108 Off-street Parking and Loading.

Solid Waste Plan


