



**SANTA ROSA COUNTY  
ENGINEERING DEPARTMENT**

ROGER BLAYLOCK, P.E.  
County Engineer  
rogerb@santarosa.fl.gov

6051 Old Bagdad Highway, Suite 300 | Milton, Florida 32583

**MEMORANDUM**

TO: Roger A. Blaylock, P.E., County Engineer  
FROM: Marc Bonifay, P.E., Project Engineer MB  
DATE: April 5, 2016  
RE: Martinique Place

DISCUSSION

Discussion of Southern Site & Utility Design, Inc. request for a variance to allow low pressure sewer in Martinique Place.

BACKGROUND

The specific requirements for low pressure sewer (as discussed in the 8/24/06 BOCC Meeting) are as follows:

Minimum criteria for a low pressure system:

1. All components of the system crossing public rights-of-way are buried at least 48 inches below finished grade.
2. The main line is contained within a Utility Easement on the lots.
3. All lines (main lines and laterals) that cross public rights-of-way to be sleeved and have a tracer wire.
4. Disclosure is required to homeowners that grinder pumps do not work when electricity is off due to storm or other causes.
5. Very specific topographic constraints be present that would cause the most practical gravity sewer design to have significant (20 feet or more) finished sewer manhole and line depths.

Items 1 through 4 will be met. Item 5 is the reason for the variance.

ACTION TO BE CONSIDERED

Board approve or deny a variance for low pressure sewer for Martinique Place.



6555 Caroline Street  
Milton, Florida 32570  
Phone: (850) 623-9493  
Fax: (850) 626-7889  
Email: ssudpaul@gmail.com

# Southern Site & Utility Design, Inc.

March 28, 2016

Santa Rosa County Engineering  
Attn: Mr. Marc Bonifay, P.E.  
6051 Old Bagdad Highway  
Milton, FL 32583

Re: Request for Variance to Allow Low Pressure Force Main Sanitary Sewer System and Eliminate Turn Lane Requirement

Dear Mr. Bonifay:

Please find the following documentation to support this formal request for the Variance referenced above:

- 1 copy of the Existing Conditions Survey
- 1 copy of an Aerial Photo
- 1 copy of a Vicinity Map

Sanitary Sewer:

As shown on the existing conditions survey, this property slopes toward the North. There is over 20 feet of elevation difference between the North end of the project and Highway 98. The available sewer connection is within the Highway 98 right-of-way. This topography results in a unique and difficult situation pertaining to gravity sanitary sewer systems. A gravity system would contain extreme design measures possibly including very deep manholes and / or a complex pumping system.

South Santa Rosa Utilities owns, operates, and maintains the sewer system that is available for this project. This project and the unique circumstances have been discussed with the utility company and they are in favor of allowing a Low Pressure System. A letter from them is attached.

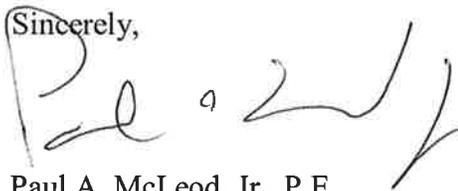
We would like to request that Santa Rosa County grant a variance to allow this project to utilize a Low Pressure Sewer System in lieu of a gravity system.



Turn lane:

We would also like to request a variance to the turn lane requirement. This is such a small development with less than 30 lots, there is not a tremendous amount of traffic expected. Typically, Santa Rosa County requires turn lanes only for subdivisions with more than 50 lots. This development falls into a unique category since it is on a 4-lane roadway. Costs associated with construction of turn lanes are extreme and with so few lots, the cost effect per lot is greater than a larger development.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul A. McLeod, Jr.", written over a faint circular stamp.

Paul A. McLeod, Jr., P.E.  
Project Manager



# *City of Gulf Breeze*

March 28, 2016

RE: Martinique Place

Parcels:

24-2S-28-0000-02022-0000

24-2S-28-0000-02023-0000

24-2S-28-0000-02024-0000

24-2S-28-0000-02009-0000

24-2S-28-0000-02020-0000

24-2S-28-0000-02021-0000

24-2S-28-0000-02026-0000

24-2S-28-0000-02025-0000

24-2S-28-0000-02202-0000

To Whom It May Concern;

Please be advised that low pressure sewer is available to the above referenced properties. We will accept the sewer system once completed to our standards and receipt of all appropriate fees as required.

Please call 934-5110 if you have questions or need further information.

Sincerely,

A handwritten signature in black ink that reads "Ashley Tyler".

Ashley Tyler  
City of Gulf Breeze



HICKORY SHORES BLVD

KEYSTONE DR

EVERGREEN DR

BONITA AV

GALVEZ DR

TARPON AV

NATTIES CT

AQUA VISTA DR

KELL RD

GULF BREEZE PKWY

GULF BREEZE PKWY

SAROCO RD

SIoux TR



