

LETTER OF TRANSMITTAL

W.F. McCain & Associates, Inc.

1171 19th Street
Vero Beach, Florida 32960
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080164-WU

08 MAY 15 07:42

Date: May 12, 2008
Job Number: 07-235
Attention: Office of Commission Clerk
Re: Sebastian Inlet Marina
Docket No. 080164-WU
Section 14, Township 30S, Range 30E

RECEIVED-FPSC
08 MAY 15 AM 8:56
COMMISSION CLERK

TO: Office of Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, FL 32399-0850

WE ARE SENDING YOU:

<input checked="" type="checkbox"/> Attached	<input type="checkbox"/> Prints	<input type="checkbox"/> Specifications
<input type="checkbox"/> Under separate cover	<input type="checkbox"/> Plans	<input type="checkbox"/> Copy of Letter
<input type="checkbox"/> Shop drawings	<input type="checkbox"/> Samples	<input type="checkbox"/> Change Order

COPIES

1

DESCRIPTION

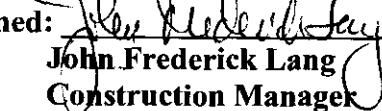
Revised Page 3.2

THESE ARE TRANSMITTED AS CHECKED BELOW:

<input type="checkbox"/> For approval	<input type="checkbox"/> Approved as submitted
<input checked="" type="checkbox"/> for your use	<input type="checkbox"/> Approved as noted
<input type="checkbox"/> as requested	<input type="checkbox"/> Return for corrections
<input type="checkbox"/> For review and comments	

REMARKS:

This revised page 3.2 contains the long version of the property description as requested. If you have any questions or require any additional information, please don't hesitate to contact me directly at (772) 770-1093.

Signed: 
John Frederick Lang
Construction Manager

Copy to: Preston Perrone, Sebastian Inlet Marina
Mike Coffey, San Sebastian Water

DOCUMENT NUMBER-DATE

04033 MAY 15 08

FPSC-COMMISSION CLERK

W. F. McCain & Associates, Inc.

1171 19th Street

Vero Beach, Florida 32960

Treasure Coast Phone: (772) 770-1093

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Innovative Solutions in Civil and Environmental Engineering Services

May 12, 2008

Mr. Ray Murankus
St. Lucie County Utilities Department
2300 Virginia Avenue
Ft. Pierce, Florida 34982

RE: Oakland Lake Estates Utilities
Clearance Package Review Ltr of December 10, 2007 as received May 5, 2008
Engineers Project No 07-190

Dear Mr. Murankus:

I am writing this letter in response to the letter from M & M the county's consultant.

GENERAL:

1. A re-inspection visit must be scheduled when all punch list items are complete at a mutually convenient time.

Response: *Agreed, May 27, 2008 @ 1330 is available.*

2. After viewing the TV test videos and review of the submitted TV test reports, it is recommended to have the system re-tested. Several areas on the video appear to not meet the St. Lucie County Utilities Technical Specifications and Design Criteria and are not listed on the TV test reports. Not all of the issues listed on the TV test reports were re-tested on 10/18/06. The TV test and reports are over a year old. The reports for the TV Test performed after the repair of defects on 10/18/06 has not been provided.

Response: *The TV test reports showing the repaired area was hand delivered to SLCU in November 2007. This issue was resolved last year between L Beecher and W. F. McCain, P. E. and it was accepted that no additional TV testing would be required.*

DOCUMENTS:

1. The FDEP forms "CERTIFICATION OF CONSTRUCTION COMPLETION AND REQUEST FOR CLEARANCE TO PLACE PERMITTED PWS COMPONENTS INTO OPERATION" and "REQUEST FOR APPROVAL TO PLACE A DOMESTIC WASTEWATER COLLECTION/TRANSMISSION SYSTEM INTO OPERATION" have not been executed by St. Lucie County Utilities and/or Ft. Pierce Utility Authority. We can recommend approval and execution of the forms when all items in this letter have

been revised and/or submitted: WFM respectfully disagrees that all items need to be in hand as the final plat setting the easements is predicated on the DEP releases.

- a. KSM's comments and a signed and sealed letter of certification of the condition of the structure and supporting soil conditions for the valve vault have been submitted.
- b. The RPZ certification for the lift station has been submitted.
- c. The Lift Station Start-up Report has been submitted.
- d. The pressure test performed on the water main has been submitted.
- e. The exfiltration test performed on the wastewater system has been submitted.
- f. Please be aware the Bacteriological Tests expire on 12/17/07.

Response: New bacteriological testing will occur after the lift station startup so as to prevent the client from expending funds unnecessarily.

2. The Letter of Authorization should be submitted on the correct form. It should be on letterhead, notarized and state the project name and location clearly. A sample form has been attached to this letter for information purposes.

Response: The sample was not received, it should be noted that this authorization was utilized for multiple project permitting with SLCU in the past..

3. The Bill of Sale should be submitted on the correct form and the following items addressed:

Response: The Bill of Sale form utilized was provided by SLCU.

- a. Has the project been platted and are the utilities to be located in existing easements or do easements need to be provided?

- i. If easements are existing, a sample of the correct form has been attached to this letter for information purposes;

Response: The sample form was not attached.

- ii. If easements do not exist, a sketch and legal description will need to be performed to create the easements and submitted for review. Upon acceptance, the sketch and legal description will then need to be listed as "Exhibit B" and attached to the Bill of Sale to be recorded.

Response: Not applicable.

- b. The property description should be corrected "east $\frac{1}{4}$ " should state "east $\frac{1}{2}$ ".

Response: Corrected.

- c. The Bill of Sale should state one (1) year warranty against all defects.

Response: Please provide the required language.

- d. The Bill of Sale should have the printed name and title of executer.

Response: Done.

- e. The Bill of Sale should state there are attachments at the end of the document.

Response: Done.

4. The attached Bill of Sale Exhibit should list price, reflect the same quantities as the Record Drawings, and be signed and sealed by the Engineer-of-Record.

Response: *This will be done.*

5. The following Release of Liens should be corrected as follows:

Response: *The contractor shall provide these at the time of lift station startup.*

- a. ABS Pumps should have the notary stamp or seal to be valid. The "I HEREBY CERTIFY" portion of the form should be correctly filled out. It should state the person's name or if personally known.
 - b. Timothy Rose Contracting, Inc. should have the "sum \$ _____" completed, and it should have the notary stamp or seal to be valid.
 - c. Jenkins Trucking should have the "sum \$ _____" completed.
6. A Letter of Warranty for a period of one (1) year upon St. Lucie County Utilities' acceptance should be included.

Response: *This will be forthcoming from the contractor when a start date for acceptance is set.*

RECORD DRAWINGS:

GENERAL

1. Please review and revise the Record Drawings to meet St. Lucie County Utilities Technical Specifications and Design Criteria - Section 1200, Part 2-Record Drawings, Paragraph 2.1 General.
2. Per the St. Lucie County Utilities Technical Specifications and Design Criteria, please show all cover and separations at conflicts at storm, water and sewer crossings.
3. Final acceptance package will require one (1) mylar, three (3) signed and sealed black/blue line, and one (1) electronic record drawing.
4. In order to ensure the Record Drawings are "user friendly" for future use, please use different line types for the existing lines and newly constructed for both the water and sewer lines.
5. There are instances of text over text which makes them unreadable. *Acknowledged.*
6. Please provide the directional bore logs. *These are no longer available from Danella National and consist of only the Eden Road crossing.*

WATER

1. The existing water main should be located on the south tie-in. *There is none.*
2. The north existing water main shown is should be called out.
3. Please provide more detail on the north end tie-in. (i.e. valves, tie-in, temporary jumper, etc.)
4. The back to back gate valves at the south Tee seems to serve no purpose. Is this correct? Yes, this was required by SLCU.
5. Please call out how the tie-ins to the existing water mains were constructed.
6. Please provide station locations for the water services.
7. Please provide the profiles for the water services. *Water services are not profiled.*
8. Please provide the profiles of the water main with conflicts.

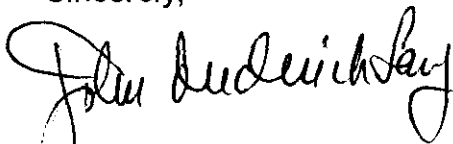
SEWER

1. Sewer Manhole #6 flow channel shows a 0% slope. St. Lucie County Utilities Technical Specifications and Design Criteria require a .10% slope. If the 0% slope is correct, discussions to correct are needed.
2. Please provide Lift Station information. (i.e. invert, top elevation, station locations, valves, etc.)
3. The slopes shown are .38% to .25% on all gravity sewer lines. St. Lucie County Utilities Technical Specifications and Design Criteria - Section 1100, Part 3- Wastewater Collection, Paragraph 3.1 Gravity Sewer Design, Sub-Paragraph B.2 Diameter and Slope require a minimum of .40% slope. Please verify. If the slopes listed are correct, discussions are needed. *This subdivision was permitted with slopes less than .40% by FDEP and SLCU.*
4. On the Record Drawings, Lots 64 and 67 show two (2) sewer services for each lot. Is this correct?
5. Please add call outs for the station locations of the laterals or manholes.
6. Please provide the profiles of the gravity sewer with conflicts.
7. Please provide the profiles for the sewer services. *Sewer services are not profiled.*
8. Please call out existing force main.
9. Please provide the detail of the tie-in to the existing force main. (i.e. locations, valves, type of tie-in, etc.)

Response: *All record documents comments will be addressed on the plans except items responded to in this letter.*

Please do not hesitate to contact this office with any questions or concerns you might have.

Sincerely,



John Frederick Lang
Construction Manager
W. F. McCain & Associates, Inc.