



**Thomas L. Knight, P.E.
Professional Association**

Planning, Design, Permitting, Inspection

Kenneth Comia
City of Groveland
156 S. Lake Avenue
Groveland, Florida 34736

April 4, 2016

Subject: Southgate Construction Plan Review
Application #2016-12
3rd Review

Dear Ken:

We are in receipt of the construction plan review comments from the 3rd review of the Construction Plans for Southgate and supporting information. We have reiterated each comment below followed by our response in italics.

Engineering

General:

1. Provide approval of the street name from Lake County Emergency Services.

Refer to the attached street name approval from Lake County. Please be advised that the street name has been changed from Southgate Avenue to Domenico Court. Refer to the revised Construction Plans for Southgate included with this submittal.

2. Provide a letter from Lake County Public Works approving the design of the modifications to CR 33.

Refer to item no. 7 of my March 15, 2016 response letter. CR 33 is located north of Sr50. This section of roadway is State Road 33. A driveway permit and a right-of-way utilization permit from The Florida Department of transportation will be provided to you upon receipt.

Sheet 5

3. The lift station site shall be dedicated as a tract to be owned by the City of Groveland.

Refer to item no. 11 of my March 15, 2016 response letter. Refer to sheet 5 of the engineering drawings. Note #2 in the bottom right corner of that sheet states that Tract C will be dedicated to and maintained by the City of Groveland.

Geotechnical Report

4. The geotech report states that dewatering may be required during construction. Include a note in the plans of this possibility.

Refer to item no. 20 of my March 15, 2016 response letter. Refer to sheet 2 of the revised engineering drawings. Note #20 states that dewatering may be required during construction.

Wastewater Report

5. Provide the diameter of the pipe receiving the flow from the proposed lift station in the existing system. Include current flows in the existing system and the effect the additional flows will have.

Refer to item no. 21 of my March 15, 2016 response letter. Refer to sheet #13 of the engineering drawings. The force main to manhole connection detail at the top of the page shows the diameter of the pipe receiving the flow from the proposed lift station. The pipe diameter has also been called-out in the plan view. All gravity sewer lines receiving the flow from the proposed lift station are 8" in diameter. The existing manhole at the connection point is at the beginning of the sanitary sewer network. The existing flows at this point are only a small fraction of the capacity of the existing sewer pipe. The public works department has provided assurance that the downstream sanitary sewer system has the capacity to receive the flows from the proposed lift station

Stormwater Report

6. Provide a copy of the SJRWMD permit, when available.

A copy of the SJRWMD permit will be provided to you upon receipt.

Landscape Plans

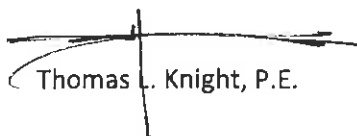
7. It appears that a street tree is proposed at the same location as the force main from the church property. Verify there is not conflict.

Please be advised that the landscape plans have been revised accordingly. Trudy Lovejoy has reviewed and approved the revised landscape plans.

Two (2) signed and sealed copies of the revised Construction Plans for Southgate and (2) CDs containing this letter w/attachment and the construction plans in pdf format are included with this submittal. Should you have any questions or need additional information, please don't hesitate to call me at (352) 394-8514 or e-mail me at tknight@knighteng.com.

Sincerely,

Thomas L. Knight, P.E., Professional Association


Thomas L. Knight, P.E.

Msg: 24580

Even
 Odd
 Both

XYZ

Latitude:

Longitude:

Altitude:

Low	High Dir	Street	Suffix
98999	98998	DOMENICO	CT

Postal: GROVELAND

Section: 30 Township: 22

Range: 25 Map Page No: 28

CellSite:

Remark:

Date Time: 3/17/2016 08:27:35

Operator: 9911in

Search

Esn: 1607

Esn Name: SOUTHGATE SUBDIVISION

Peap: GVLDPD

County: LAKE

Police Era: GROVELAND POLICE DEPT.

Fire Era: LAKE EMS

Medical Era: LAKE EMS