

June 10, 2009

Mr. Sean Harris
Gables Construction, Inc.
2650 Cedar Springs Road
Dallas, Texas

Re: Gables Water Street Addendum #2
Pre-Proposal Meeting #2
New Seawall Lake Enhancement – Lake Carolyn
Las Colinas, Irving, Texas
Falkofske Engineering, Inc. Job No. 17.09

Dear Mr. Harris:

Several questions were raised during the second pre-proposal meeting. Below is a list of the questions and our responses.

1. *How many pipes cross through the wall at the DCURD pump station?*

I had a conversation with Paul Brown of DCURD and he informed me that after the original pump construction an additional 10" ductile iron pipe was added. It will be necessary to extend this pipe through a concrete collar similar to detail 2/S6.05.

2. *What is the maximum amount of water allowed in the bottom of the pier hole in order to pour the concrete without a tremi tube?*

If the pier hole has more than 8" of water in the bottom of the hole then the concrete or grout should be placed with a tremi tube. If water is infiltrating the pier hole at a slow rate it is permissible to pump out the water and place the concrete with out a tremi tube before the water has filled the hole up again.

3. *When removing the casing from the pier it is likely that the steel cage may be lifted upward in the pier hole. How much steel cage movement is acceptable?*

The slump in the concrete should be such that it will limit the steel cage movement when removing the casing. The initial slump of the concrete should be around 7 to 9 inches to help limit upward movement of the reinforcement cage as the casing is removed. Total upward movement of the reinforcement cage of 1'-0" or less is considered acceptable. If greater movement occurs it will be necessary to push (or vibrate) the cage back down into the concrete.

4. *Is there access for a second construction entrance or exit?*

It is the proposer's decision whether or not to construct a second construction entrance. As for the site there is no reason to limit the construction entrances to just one. If a second construction entrance is built it must be a stabilized construction entrance, and removed upon completion of the site.

Falkofske Engineering, Inc.

Consulting Structural Engineers

Mr. Sean Harris, Gables Construction, Inc.
Gables Water Street, Addendum #2
Las Colinas, Irving, Texas

June 9, 2009

Page 2

According to the "Demolition Plan" by Kimley-Horn dated 09-30-08 there is not an existing curb cut along the site to place an additional construction entrance. The curbs are made of granite in this location and any plans to cut the curb shall be coordinated with the City of Irving. In addition any plans to add a second construction entrance should follow all city guidelines for construction entrances.

5. *How much clearance is there below the existing APT track?*


From the design drawings for the APT track it appears that there is roughly 34'-0" clear from the top of the wall to the lowest obstruction. We recommend that the proposer visit the site and verify the clearance.

If there are any further questions with regards to this matter, please call.

Sincerely,

FALKOFSKE ENGINEERING, INC.

Reviewed By:


Aaron Berkes, E.I.T. 6-10-09


Timothy John Falkofske, P.E.

AMB:TJF

