

## Hsu, Benjamin

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**From:** Madden, Melissa  
**Sent:** Friday, December 15, 2017 5:44 PM  
**To:** Chamberlain, Justin; Boatwright, Kelley M.  
**Cc:** Hsu, Benjamin; Morgan, Steve  
**Subject:** FW: TH-83 Location Figure  
**Attachments:** Monitoring Well Locations.pdf; TH-83 Construction Details.pdf

I am ok with this. I was thinking going straight to a compliance well at ZOD, but if they want to try detection first, I have no objection.

Please feel free to contact me with any questions or concerns.

Thanks, Melissa



### **Melissa Madden**

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**From:** Townsel, Michael [mailto:TownselM@HillsboroughCounty.ORG]  
**Sent:** Friday, December 15, 2017 4:28 PM  
**To:** Chamberlain, Justin <Justin.Chamberlain@dep.state.fl.us>; Madden, Melissa <Melissa.Madden@dep.state.fl.us>  
**Cc:** Greenwell, Jeffry <GreenwellJ@hillsboroughcounty.org>; O'Neill, Joseph <ONeillJ@hillsboroughcounty.org>; Ruiz, Larry <RuizLE@HillsboroughCounty.ORG>; Byer, Kimberly <ByerK@hillsboroughcounty.org>  
**Subject:** FW: TH-83 Location Figure

Good Afternoon Justin and Melissa,

Please find the attached illustration for the proposed location of detection well TH-83 and the preliminary construction details. As indicated in Chapter 62-701(3), the detection well shall be placed downgradient 50 feet from the waste disposal units. We will conduct and log macro-core soil samples for proper installation depth once we are in the field.

Please let me know if the Department agrees to this proposed location.

Have a good weekend!

### **Michael D. Townsel**

#### **Senior Hydrogeologist**

Public Utilities Department – Environmental Services

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**From:** Curtis, Bob [<mailto:BCurtis@scsengineers.com>]  
**Sent:** Friday, December 15, 2017 3:33 PM  
**To:** Townsel, Michael <[TownselM@HillsboroughCounty.ORG](mailto:TownselM@HillsboroughCounty.ORG)>  
**Cc:** Guilbeault, Ken <[KGuilbeault@SCSEngineers.com](mailto:KGuilbeault@SCSEngineers.com)>  
**Subject:** TH-83 Location Figure

[External]

Mike,

As requested by Ken Guilbeault, attached please find a PDF of the proposed TH-83 location figure.

Please contact Ken or me if you have any questions or require additional information.

Regards,

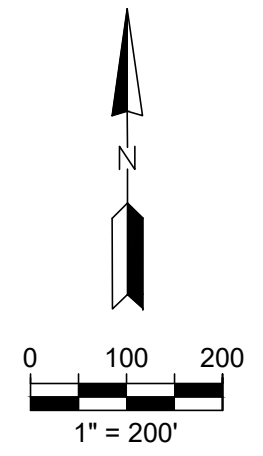
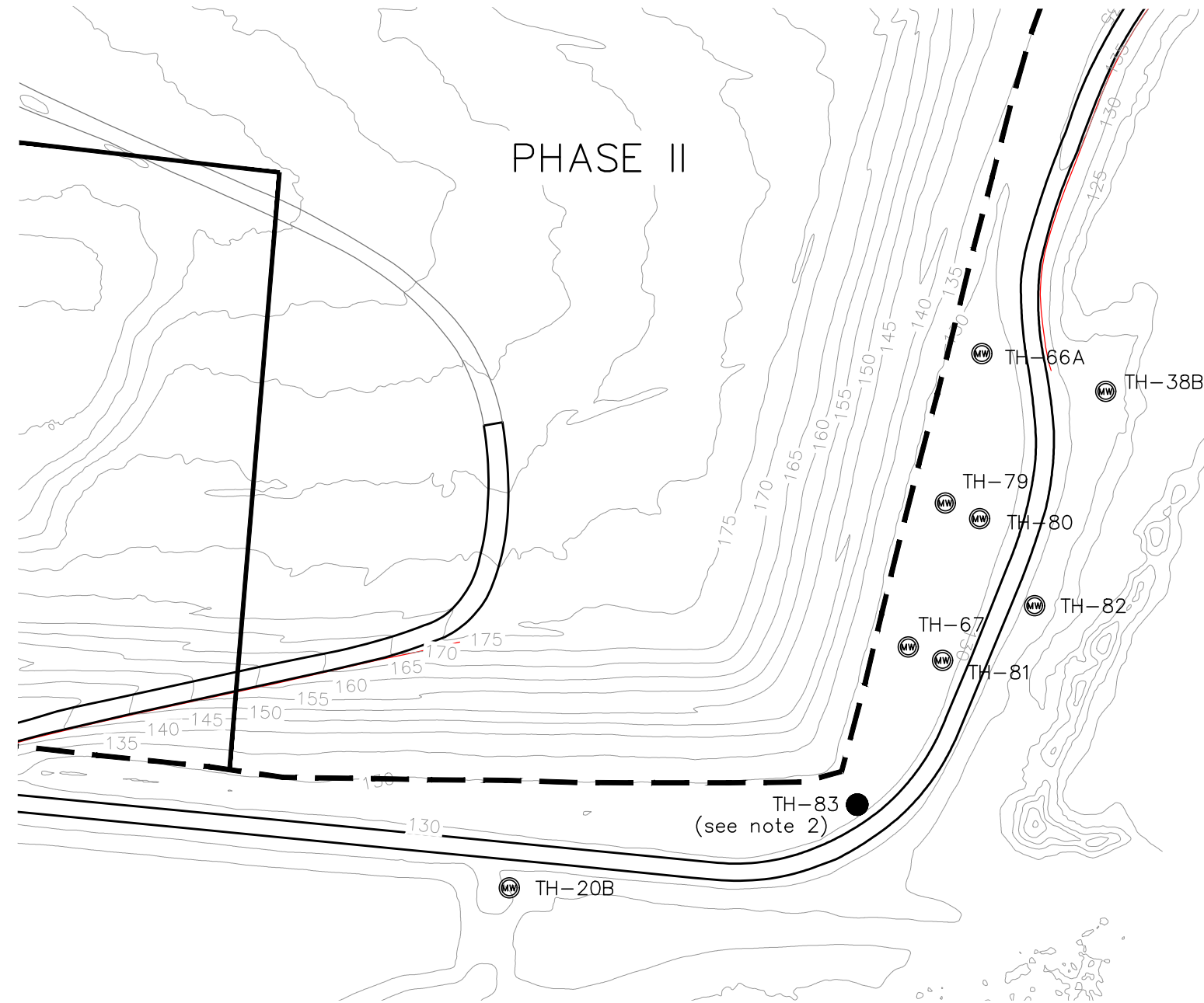
Bob

Robert B. Curtis, P.E.  
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**LEGEND:**

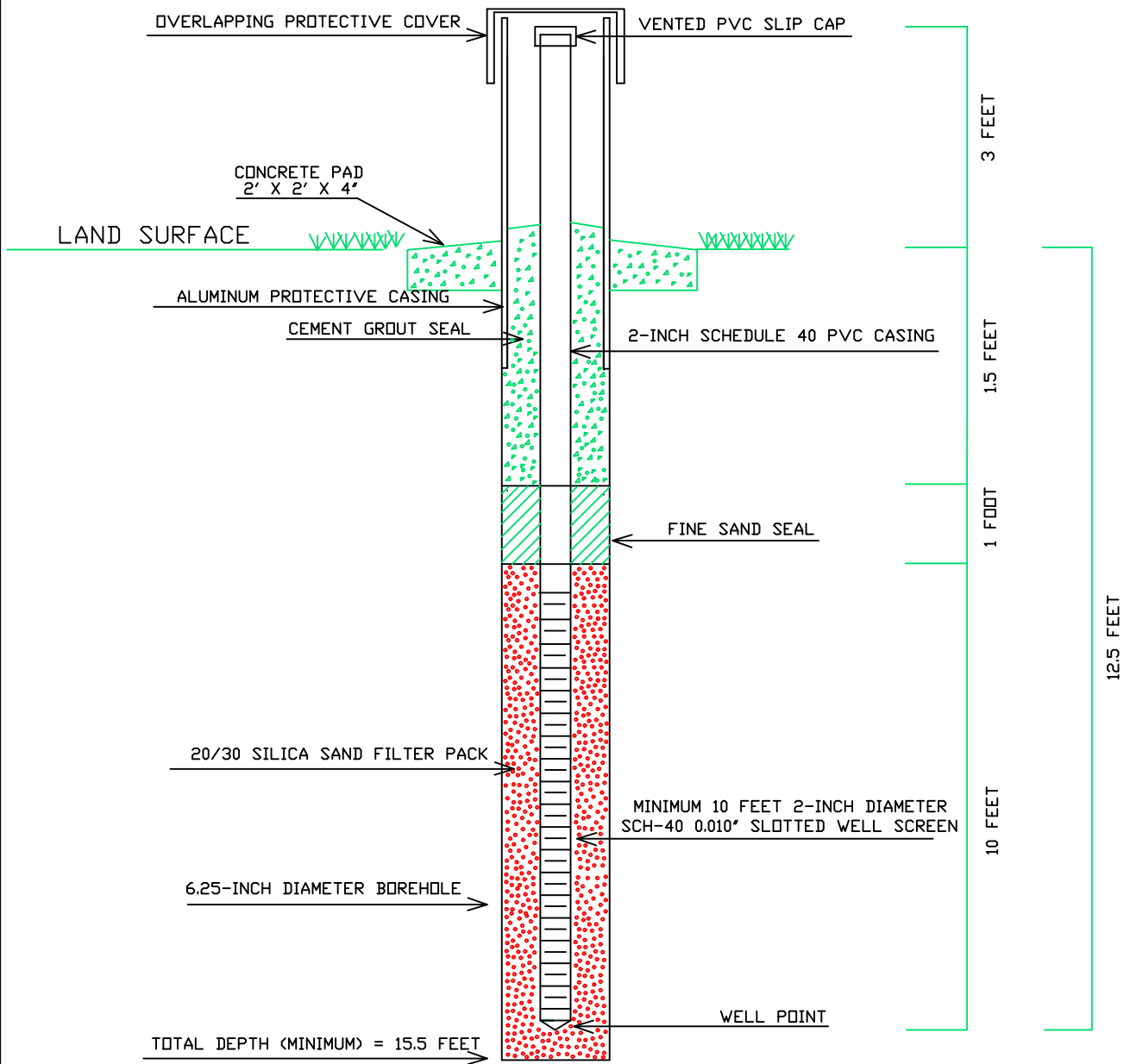
-  GROUNDWATER MONITORING WELLS
-  LANDFILL BOUNDARY

**NOTE:**

1. TOPOGRAPHIC SURVEY BY PICKETT, JANUARY 2017.
2. APPROXIMATE LOCATION. EXACT LOCATION MAY CHANGE DUE TO SITE CONDITIONS.

FIGURE 2. MONITORING WELL LOCATIONS  
DECEMBER 2017

# Monitoring Well Construction Details



NOT TO SCALE