



Office of the Vice President  
and Chief Financial Officer  
Procurement Services  
<https://procurement.ufl.edu/>

971 Elmore Drive  
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Gainesville, FL 32611-5250  
(352) 392-1331 Fax 352-392-8837

April 28, 2022

**ADDENDUM NUMBER 2 ON INVITATION TO BID ITB22KO-133**

**TITLE:** Mound Septic System at IFAS GCREC in Wimauma, FL

**Mandatory Pre-Bid Meeting** was held at the site on April 26, 2022 at 11:00 AM. **Bid opening** has been rescheduled for May 19, 2022 at 3:00 PM in UF Procurement Services, 971 Elmore Drive, Gainesville, FL 32611.

This addendum shall be considered part of the Contract Documents for the above-mentioned project as though it had been issued at the same time and incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original Contract documents, this addendum shall govern and take precedence. Bidders are hereby notified that they shall acknowledge receipt of the addendum.

**This addendum consists of:**

- Notification of a follow-up Non-mandatory Site visit:
  - A follow-up non-mandatory site visit has been scheduled for Tuesday, May 3, 2022 at 11:00AM.
  - This site visit will be open only to contractors present at the mandatory pre-bid and their subcontractors.
  - This will be the last opportunity to visit the site prior to the bid due date.
  - Those interested in the site visit should meet outside the front entrance of the Administration Building at IFAS GCREC, 14625 County Road 672, Wimauma, FL 33598.
- Responses to questions and requests for clarifications posed at the Mandatory Pre-bid Meeting held April 26, 2022 at 11:00AM.
- Revised Bid Schedule:
  - Contractor questions are due no later than May 6, 2022 at 5:00PM. Email questions to Karen Olitsky at [kolitsk@ufl.edu](mailto:kolitsk@ufl.edu).
  - Bids are due no later than May 19, 2022 at 3:00PM. Submit bids as stated in Item 1.4 BID FORM, page 5, of the Bid Documents.

Karen Olitsky  
Procurement Agent III

**PLEASE ACKNOWLEDGE RECEIPT OF THIS ADDENDUM 2 AND RETURN WITH YOUR BID. FAILURE TO ACKNOWLEDGE THIS ADDENDUM COULD CONSTITUTE REJECTION OF YOUR BID.**

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VENDOR NAME

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VENDOR ADDRESS

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SIGNATURE

*The Foundation for The Gator Nation*

An Equal Opportunity Institution

Responses to questions and requests for clarifications posed at the Mandatory Pre-bid Meeting held April 26, 2022 at 11:00AM:

1. Permit (Attachment C in Bid Documents) expiration date was incorrect. See revised Attachment C for the corrected Permit and email extending expiration date to 7/3/2022.
2. Successful bidder will be responsible for all electrical work needed to install the pumps and controllers.
3. Successful bidder, or their electrical subcontractor, will be responsible for obtaining a building permit through the University of Florida's Environmental Health and Safety Building Codes Enforcement Department (EHS). The cost of the permit shall be included in your bid. Click [HERE](#) for the EHS fee schedule.
4. UF provided lay down area has been finalized. See Attachment D for an aerial photo of the lay down location.
5. The design of the existing Onsite Sewage Treatment and Disposal System is being provided to assist bidders with their proposal. See Attachment E for the existing system design by Causseaux and Ellington.

ATTACHMENT C  
REVISED 4/28/2022



STATE OF FLORIDA  
DEPARTMENT OF HEALTH  
ONSITE SEWAGE TREATMENT AND DISPOSAL  
SYSTEM

PERMIT #: **29-SH-2296939**  
APPLICATION #: **AP1667054**  
DATE PAID: \_\_\_\_\_  
FEE PAID: \_\_\_\_\_  
RECEIPT #: \_\_\_\_\_  
DOCUMENT #: **PR1581706**

CONSTRUCTION PERMIT FOR: OSTDS Repair

APPLICANT: (University of Florida Board of Trustees)

PROPERTY ADDRESS: 14625 672 Hwy Wimauma, FL 33598

LOT: \_\_\_\_\_ BLOCK: \_\_\_\_\_ SUBDIVISION: \_\_\_\_\_

PROPERTY ID #: 088671.0000

[SECTION, TOWNSHIP, RANGE, PARCEL NUMBER]  
[OR TAX ID NUMBER]

SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF SECTION 381.0065, F.S., AND CHAPTER 64E-6, F.A.C. DEPARTMENT APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY PERFORMANCE FOR ANY SPECIFIC PERIOD OF TIME. ANY CHANGE IN MATERIAL FACTS, WHICH SERVED AS A BASIS FOR ISSUANCE OF THIS PERMIT, REQUIRE THE APPLICANT TO MODIFY THE PERMIT APPLICATION. SUCH MODIFICATIONS MAY RESULT IN THIS PERMIT BEING MADE NULL AND VOID. ISSUANCE OF THIS PERMIT DOES NOT EXEMPT THE APPLICANT FROM COMPLIANCE WITH OTHER FEDERAL, STATE, OR LOCAL PERMITTING REQUIRED FOR DEVELOPMENT OF THIS PROPERTY.

SYSTEM DESIGN AND SPECIFICATIONS

T [ 3,000 ] GALLONS / GPD Septic Tank in series CAPACITY  
A [ 3,000 ] GALLONS / GPD Septic tank in series CAPACITY  
N [ 0 ] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK:1250 GALLONS]  
K [ 3,000 ] GALLONS DOSING TANK CAPACITY [277.00] GALLONS @ [ 6 ] DOSES PER 24 HRS #Pumps [ 2 ]

D [ 6,300 ] SQUARE FEET ADS 9-pipe (3 zones) SYSTEM

R [ 0 ] SQUARE FEET \_\_\_\_\_ SYSTEM

A TYPE SYSTEM: [ ] STANDARD [ ] FILLED [x] MOUND [ ] \_\_\_\_\_

I CONFIGURATION: [x] TRENCH [ ] BED [ ] \_\_\_\_\_

N

F LOCATION OF BENCHMARK: Orange dot on concrete slab.

I ELEVATION OF PROPOSED SYSTEM SITE [ 19.00 ] [ INCHES / FT ] [ ABOVE / BELOW ] BENCHMARK/REFERENCE POINT

E BOTTOM OF DRAINFIELD TO BE [ 2.00 ] [ INCHES / FT ] [ ABOVE / BELOW ] BENCHMARK/REFERENCE POINT

L

D FILL REQUIRED: [ 39.00 ] INCHES EXCAVATION REQUIRED: [ ] INCHES

SYSTEM INSTALLER TO VERIFY ALL PERMIT NUMBERS (SITE ELEVATION, BOTTOM OF DRAINFIELD, AND FILL AMOUNT) COINCIDE AND MATCH THE SITE PRIOR TO INSTALLATION. If they do not, contact Hillsborough County Health Unit to review the permit. Contact system designer for LPDN specifications and dosing questions. (1.5" laterals w/1/4" orifices on 4' spacings) use K-Rain indexing valve to dose (3) zones for distribution. Excavate All existing DF materials and spoils materials and backfill with clean slightly limited septic sand. Install repair in existing mound location. Maintain height of existing DF. Stabilize shoulder and slopes as necessary. (Comments Continued on Page 2.)

SPECIFICATIONS BY: Chris \*McNeal

TITLE: Professional Engineer

APPROVED BY: Michael A Dreyer

TITLE: Environmental Supervisor II

Hillsborough CHD

DATE ISSUED: 01/03/2022

EXPIRATION DATE: 04/03/2022

DH 4016, 08/09 (Obsoletes all previous editions which may not be used)

Incorporated: 64E-6.003, FAC

Page 1 of 3

PE design indicates "wrapping" DF product in filter fabric. Consult design PE for this specification. PE to provide letter verifying that the system was installed according to PE design to local health unit prior to system final approval.

2800, 1500 Existing Septic Tanks, Existing 300 dosing tank to remain as pretreatment tanks.

## NOTICE OF RIGHTS

A party whose substantial interest is affected by this order may petition for an administrative hearing pursuant to sections 120.569 and 120.57, Florida Statutes. Such proceedings are governed by Rule 28-106, Florida Administrative Code. A petition for administrative hearing must be in writing and must be received by the Agency Clerk for the Department, within twenty-one (21) days from the receipt of this order. The address of the Agency Clerk is 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. The Agency Clerk's email is [agency\\_clerk@FloridaDEP.gov](mailto:agency_clerk@FloridaDEP.gov).

Mediation is not available as an alternative remedy.

Your failure to submit a petition for hearing within 21 days from receipt of this order will constitute a waiver of your right to an administrative hearing, and this order shall become a 'final order'.

Should this order become a final order, a party who is adversely affected by it is entitled to judicial review pursuant to Section 120.68, Florida Statutes. Review proceedings are governed by the Florida Rules of Appellate Procedure. Such proceedings may be commenced by filing one copy of a Notice of Appeal with the Agency Clerk of the Department of Environmental Protection and a second copy, accompanied by the filing fees required by law, with the Court of Appeal in the appropriate District Court. The notice must be filed within 30 days of rendition of the final order.

**From:** [Dreyer, Michael A.](#)  
**To:** [Tipton, Frank V.](#); [Peter Bailey](#)  
**Cc:** [Kimberly Koenck](#)  
**Subject:** RE: IFAS 14625 Hwy 672; Permit inquiry (Permit #29-SH-2296939)  
**Date:** Wednesday, April 27, 2022 7:25:39 AM

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**[External Email]**

The extension has already been granted. All requirements for approval need to be completed by 7/3/2022

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ATTACHMENT D



University Of Florida Gulf Coast Research And...

EQUIPMENT AND MATERIALS  
LAY DOWN AREA



SEPTIC SYSTEM DESIGN DATA

1. FLOW: 2828 GPD
2. SOIL: SAND GRAY
3. RATE: 0.65 G.S.F. (BASED ON UNSUITABLE SUBSURFACE CONDITIONS)
4. TRENCH SIZE: 4351 S.F. REQUIRED (PROVIDED 4800 SF)
5. OPEN AREA: 8702 S.F. REQUIRED (PROVIDED 9546 S.F.)
6. TANK SIZE:  
1ST STAGE = 2500 GALLONS  
2ND STAGE = 1250 GALLONS  
TOTAL = 3750 GALLONS  
TANK TO HAVE ACCESS MANHOLE (2 EACH)  
DOSING TANK=3000 GALLONS
7. SYSTEM IS A PRESSURE DOSE DESIGN IN ACCORDANCE WITH 64E.014. DOSING PUMPS SHALL BE SUBMITTED AND APPROVED BY THE ENGINEER AS SHOP DRAWINGS PRIOR TO THE INSTALLATION. EACH HALF OF THE DRAINFIELD SHALL BE DOSED NO MORE THAN (3) TIMES EACH PER DAY FOR A TOTAL OF (6) TIMES PER 24 HOURS AND NO LESS THAN (1) TIME EACH PER DAY FOR A TOTAL OF (2) TIMES PER 24 HOURS.
8. PUMPS CHARACTERISTICS AND CONTROLS: PUMPS SHALL BE SELECTED TO DELIVER A MINIMUM OF 1450 GALLONS PER DAY PER SIDE OF TRENCH. THE PUMPS SHOULD BE FLOAT CONTROLLED TO ASSIST IN EVENING OUT FLOW FLUCTUATIONS INHERENT USES.
9. CONTROL PANEL SHALL INCLUDE AUDIBLE/VISIBLE ALARMS.

SEPTIC SYSTEM CONSTRUCTION NOTES

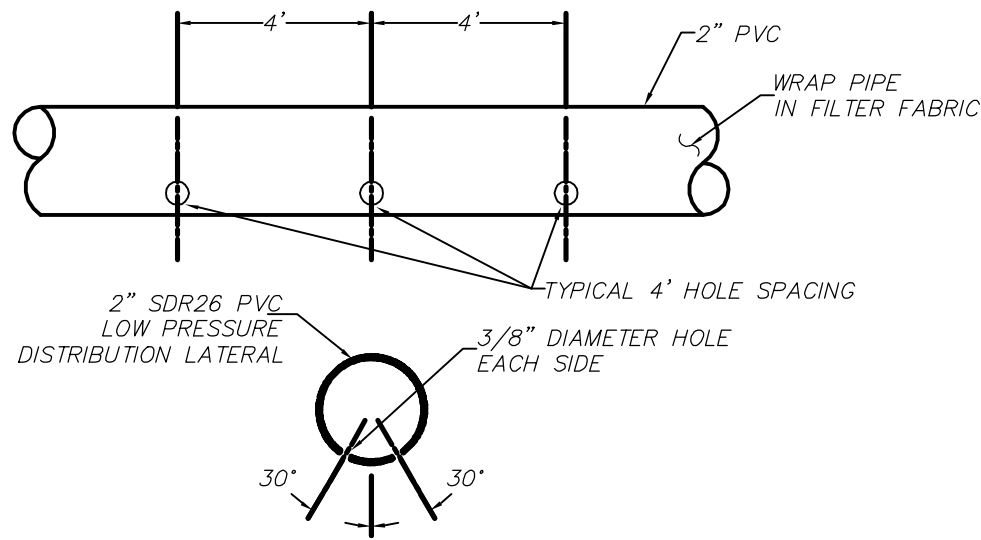
1. ALL MATERIALS AND WORK SHALL COMPLY WITH REQUIREMENTS OF CHAPTER 64E-6, FLORIDA ADMINISTRATIVE CODE (FAC), AND REQUIREMENTS OF PERMITS ISSUED FOR THIS CONSTRUCTION. SHOP DRAWINGS FOR ALL COMPONENTS SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO ORDERING SYSTEM COMPONENTS.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR APPLYING FOR AND OBTAINING APPROPRIATE PERMITS AND FOR SCHEDULE/COORDINATING INSPECTIONS, REVIEWS, AND APPROVALS (CONTACT MIKE DRYER AT 813-307-8000).
3. LOCATIONS SHOWN ON THESE DRAWINGS ARE APPROXIMATE AND MAY BE FIELD ADJUSTED WITH APPROVAL OF OWNER AND HEALTH DEPARTMENT.
4. ENGINEER OF RECORD IS REQUIRED TO DO AN INITIAL INSPECTION. CONTRACTOR TO CALL (48) HOURS PRIOR TO INSPECTION TO REQUEST AN INSPECTOR.

DRAIN FIELD CALCULATION

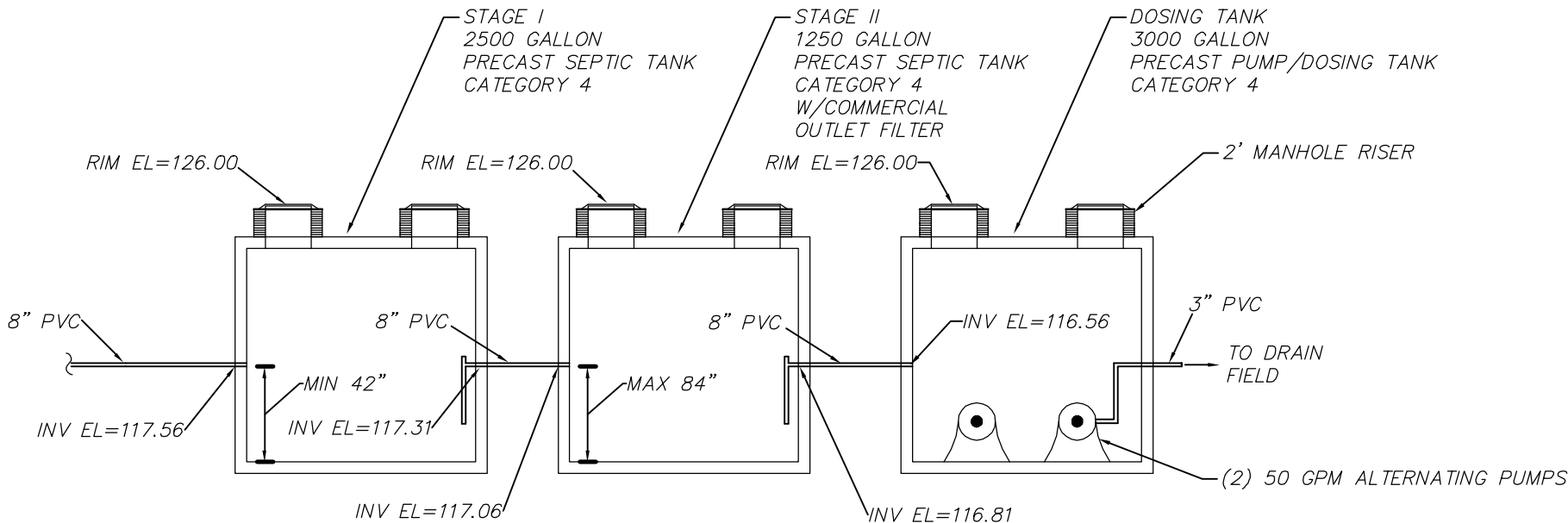
BASED ON UNSUITABLE SUBSURFACE CONDITIONS  
LOAD RATE = 0.65  
TRENCH AREA = 2828 GPD/0.65 = 4351 SF  
OPEN AREA = 2 x 4351 SF = 8702 SF

FLOW CALCULATION

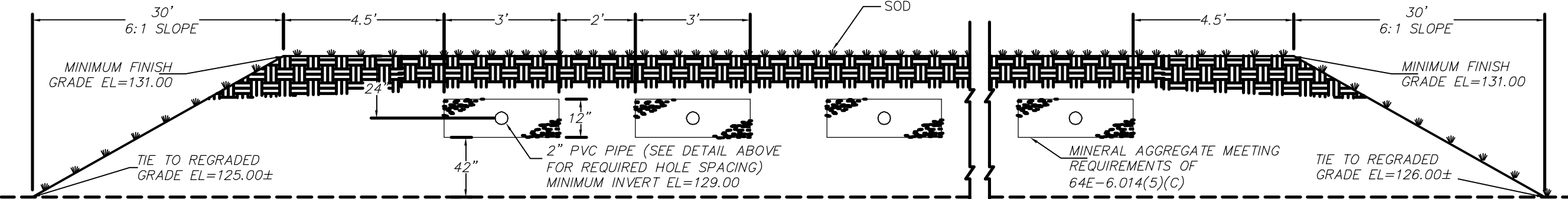
DESIGN FLOW (PER 64E-6.008(1b) TABLE 1)  
ADMIN/STAFF (100x15) = 1500 GPD  
SCHOOL [STUDENT BOARDING TYPE] (16 x 75 GPD) = 1200 GPD  
ADD FOR SHOWERS (16 x 4) = 64 GPD  
ADD FOR CAFETERIA (16 x 4) = 64 GPD  
TOTAL = 2828 GPD



HOLE SPACING DETAIL  
N.T.S.



SEPTIC TANK SYSTEM CROSS-SECTION  
N.T.S.



TYPICAL SECTION THRU DRAIN FIELD  
N.T.S.

NOTES:

REFER TO SHEET C0.10 FOR CONSTRUCTION NOTES AND LEGEND.  
REFER TO SHEET C1.00 FOR MASTER SITE AND HORIZONTAL CONTROL PLAN.  
REFER TO SHEET C1.00 FOR KEY TO 30 SCALE DETAIL PLANS.  
REFER TO SHEETS C1.10-C1.15 FOR DETAILED SITE AND HORIZONTAL CONTROL PLANS.  
REFER TO SHEET C2.00 FOR STORM STRUCTURE SCHEDULE.  
REFER TO SHEETS C2.10-C2.15 FOR DETAILED GRADING PLANS.  
REFER TO SHEET C2.16 FOR WET DETENTION SYSTEM DETAILS.  
REFER TO SHEET C2.20 FOR PAVING, GRADING AND DRAINAGE DETAILS.  
REFER TO SHEET C3.00 FOR WATER FITTING SCHEDULE.  
REFER TO SHEET C3.00 FOR SANITARY SEWER MANHOLE COORDINATES.  
REFER TO SHEETS C3.10-C3.12 FOR DETAILED WATER & WASTEWATER PLANS.  
REFER TO SHEET C3.13 FOR SEPTIC AREA CONSTRUCTION AND DETAILS.  
REFER TO SHEET C3.14 FOR POTABLE WELL AND PUMP CONSTRUCTION AND DETAILS.  
REFER TO SHEETS C3.20-C3.23 FOR WASTEWATER CONSTRUCTION PROFILES.  
REFER TO SHEETS C3.30 FOR WATER & WASTEWATER DETAILS.

