

BID FORM
REHABILITATION CONSTRUCTION PROJECT FOR

PROPERTY OWNER: Teresa Mess

ADDRESS: 18380 Heather Road, Fort Myers, FL 33967

BID DUE DATE: Friday, October 27, 2017 at 3:00 PM

The bid submitted is based on the structure being: Occupied Unoccupied by the Tenant/Owner during construction.

BID LIFE FORTY-FIVE (45) CALENDAR DAYS

RETURN TO: Lee County Human and Veteran Services
2440 Thompson Street
Fort Myers, FL 33901
(239) 533-7930

Pursuant to and in compliance with the Invitation to Bidders and the proposed Contract Documents as Defined in the Instructions to Bidders relating to the Rehabilitation Construction Project referenced above, including any Addenda, the undersigned, having become thoroughly familiar with the terms and conditions affecting the performance and cost of the work at the place where the work is to be completed, and having fully inspected the site in all particulars, hereby proposes and **agrees to fully perform the work within 30 calendar days** from the date the Notice to Proceed is issued, and in exact accordance with the proposed Contract Documents, including furnishing of any and all labor and materials and to do all the work required to construct and complete said work in accordance with the Contract Documents, for the following sum of money:

Total prices are to include all labor, materials, services and equipment necessary for completion of the work as shown on the Drawings, Schedule of Work and General Specification attached hereto:

BASE BID:	\$ _____
BID ADDENDA, (IF APPLICABLE):	\$ _____
TOTAL BASE BID INCLUDING ALL ADDENDA (IF APPLICABLE):	\$ _____
TOTAL BID ALTERNATES, (IF APPLICABLE):	\$ _____

SCOPE OF WORK: Septic System

This project requires the Contractor to have the following license(s) to perform the specified scope of work: **Septic and/or General Contractor's License**

Ordering Instructions: Official Bidding Documents may be examined at and **must** be obtained from the **Lee County Human and Veteran Services 2440 Thompson Street, Fort Myers, FL 33901, phone 239-533-7900 or online at: <http://www.leegov.com/dhs/housing/contractors/openbids>**

Please Note: Bids will not be accepted by the County if the Official Bidding Documents are not obtained from Lee County Human and Veteran Services. Any substitutes for the Lee County Official Bidding Documents will not be accepted.

It is mandatory that the contractor or his representative attend all Pre-Bid Meetings (*if required*). Failure to attend will result in forfeiting the right to bid on this project. All pages of the bid package must be submitted.

SEALED BIDS TO BE SUBMITTED
BY 3:00 P.M., October 27, 2017.

TO: LEE COUNTY BOARD OF COUNTY COMMISSIONERS
LEE COUNTY HUMAN AND VETERAN SERVICES
2440 THOMPSON STREET, FORT MYERS, FLORIDA

BID OPENING:
LEE COUNTY HUMAN AND VETERAN SERVICES
2440 Thompson Street, Fort Myers, FL 33901
DATE/TIME: Friday, October 27, 2017 at 3:00 P.M.

INSTRUCTIONS TO BIDDERS

1. DEFINITIONS

1.1 "COUNTY" is defined as the Board of County Commissioners of Lee County, Florida, or its duly authorized representative(s).

1.2 "BIDDER" is defined as one who submits a bid directly to the COUNTY in response to this Solicitation.

1.3 "SUCCESSFUL BIDDER" is defined as the lowest, qualified, responsible, and responsive bidder to whom the Board of County Commissioners makes a written award, based upon evaluation criteria contained herein.

1.4 "BIDDING DOCUMENTS" or "CONTRACT DOCUMENTS" is defined as document to be submitted with the bid proposal:

- A. Signed **Bid Form** with ALL items completed.
- B. **Schedule of Work** with unit prices for all "**Bid Items**", "**Alternates**", and "**Addenda**" items, as applicable.
- C. **Acknowledge Receipt of Addenda**, if applicable.
- D. Vendor/Bidder Application – Must be currently on file or submitted within ten (10) calendar days after Notice of Award. Applications require documentation of state registration and/or certified license, certificates of insurance, and local business tax. The application is available at: <http://www.leegov.com/procurement/vendor-bidder-application>.

NOTE: Title, Subtitles, Headings, Running Headlines of Contents, and Indexes are used merely for convenience purposes.

1.5 "SEALED BID" is defined as the form in which the bidding documents are to be submitted to the COUNTY.

- A. Bidding Documents must be submitted in a sealed envelope no later than 3:00 pm on the date specified
- B. Sealed envelope must be labeled "**Sealed Bid**", and clearly state the CLIENT NAME, CLIENT ADDRESS, DATE AND TIME BID IS DUE, CONTRACTOR NAME, and CONTRACTOR ADDRESS.
- C. All items in Section 1.4 of this package are to be included in the sealed envelope.

2. BIDDER EXAMINATION/INVESTIGATION OF SITE

2.1 EXAMINATION OF DRAWINGS, SPECIFICATIONS AND ATTENDANCE AT PRE-BID MEETING

Before submitting a bid, each bidder shall carefully examine the drawings (if applicable), read the specifications, general conditions, and all other contract documents and **ATTEND THE PRE-BID MEETING (if required)**. Each bidder shall fully inform himself prior to bidding as to all existing conditions and limitations under which the work is to be performed and he shall include in his bid a sum to cover the cost of all items necessary to perform the work as set forth in the contract documents. No plea of ignorance of conditions or difficulties that may be encountered in the execution of the work pursuant to this bid package may be made. Failure to make the necessary examinations and investigations will not be accepted as an excuse for any failure or omission on the part of the successful BIDDER. Successful BIDDER must fulfill all of the requirements of the Contract Documents. Failure or omission on the part of the successful BIDDER will not be accepted as a basis for any claims whatsoever for extra compensation or for an extension of time. The submission of a bid shall be construed as conclusive evidence that the bidder has made all necessary examinations and investigations.

2.2 Reference is made to the Supplementary Conditions for the identification of those reports of investigation and test of subsurface and latent physical conditions at the site or otherwise affecting cost, progress or performance of the work which have been relied upon by the County and/or its Consultant in preparing the Drawings and Specifications. COUNTY will make copies of such reports available to any BIDDER requesting them. These reports are not guaranteed as to their accuracy or completeness, nor are they part of the Contract Documents. Before submitting its Bid, each BIDDER will, at its own expense, make such additional investigations and tests as the BIDDER may deem necessary.

2.3 BIDDER shall not be entitled to compensation beyond its bid price when required to incur expenses because of tolls, weight limits of trucks, access to the site, permanent or temporary power at the job site, delivery of materials, temporary utilities, or compliance with OSHA requirements when examination and/or investigation of the site conditions and access routes would have revealed the extra expense involved. The above list is intended to be illustrative and not all-inclusive.

3. PREPARATION OF BID

3.1 Each BIDDER shall submit the completed Bid Specifications and indicate the total lump-sum, total unit price base bid, and any total price(s) of any alternative(s) requested as part of the bid solicitation. BIDDER must furnish all requested information in the space provided in the Bid Specifications. The BIDDER is solely responsible for reading and completely understanding the requirements and the specifications of the items bid.

3.2 Signatures shall be required as follows:

- A. Bids by a corporation must be manually executed in the corporate name, by the President or Vice President (or other corporate officer, accompanied by written evidence of authority to so sign). The corporate seal must be affixed and attested by the secretary or assistant secretary. The corporate address and State of incorporation must be shown below the signature. Non-resident corporations shall furnish to the COUNTY a duly certified copy of all required authorizations to transact business in the State of Florida along with the bid proposal.
- B. Bids by a partnership must be manually executed in the partnership name and signed by a partner whose title must appear under the signature. The official address of the partnership must be shown below the signature.
- C. Attorneys-in-Fact who sign bonds or other surety instruments must attach with each bond or surety instrument a certified and effectively dated copy of their power of attorney.
- D. All names must be typed or printed below the signature.

3.3 The COUNTY will only consider bids meeting the exact specifications and requirements of the Bidding Documents.

3.4 Bid errors shall be handled as follows:

- A. Where bids have erasures or corrections, each erasure or correction must be in ink and initialed in ink by the BIDDER.
- B. In the case of unit price bids, if an error occurs in the extension of an item, the unit price in words (as shown in the bid) will govern.

3.5 Any blank spaces on the Bid Specifications, qualifying notes, exceptions, counter offers, lack of required submittals, signatures, or failure to submit a bid on the County's form may cause BIDDER to be declared non-responsive.

3.6 Where required by the bid package, BIDDERS must submit (with their bid specifications) cuts, sketches, descriptive literature and/or complete specifications relative to the items proposed and offered.

3.7 The BIDDER shall comply with the Florida Sales and Use Tax Law as it may apply to this Contract. The Bid amount(s) shall include any and all Florida Sales and Use Tax payment obligations required by Florida Law of the successful BIDDER and/or its subcontractors or material suppliers.

3.8 Bid envelope MUST be marked as outlined in Section 1.5 (above).

4. COUNTY INTERPRETATION/ADDENDA

4.1 No interpretation or clarification of the meaning of the plans, specifications, or other contract documents will be binding if made to any BIDDER orally. Every such request must be in writing, addressed to LEE COUNTY HUMAN AND VETERAN SERVICES, **and received no later than three (3) calendar days prior to bid opening date.**

4.2 All such interpretations or clarifications MUST be issued in writing by Housing Services. Information obtained directly from the homeowner of the property being rehabilitated will not control.

4.3 All interpretations, supplemental instructions, or modifications to the Bidding Documents will be issued as a written Addendum and made available to all known BIDDERS, not later than **three (3) calendar days** (excluding Saturdays, Sundays, and Holidays), prior to the bid opening date. Questions will not be accepted during the last **three (3) days prior** to bid opening date, unless otherwise specified by Human and Veteran Services. All Bidders should check with Human and Veteran Services at least **three (3) calendar days** before the bid due date to verify information regarding Addenda. Failure to do so may result in rejection of the bid as non-responsive. Bidder shall acknowledge receipt of all Addenda by number and date on the Bid Specifications. Addenda information will be emailed to all contractors that attended the mandatory pre-bid meeting (*if required*) or posted on the Human and Veteran Services website. **IT IS THE SOLE RESPONSIBILITY OF THE BIDDER TO ENSURE HE/SHE OBTAINS INFORMATION RELATED TO ADDENDA.** All Addenda shall become part of the Contract Documents.

5. INSURANCE REQUIREMENTS

5.1 **CONTRACTOR'S LIABILITY, WORKER'S COMPENSATION AND AUTO INSURANCE POLICIES** - The successful bidder shall deliver to Lee County Procurement Management, within **ten (10) calendar days** of the Notice of Award, certificates of insurance, which the successful bidder is required to purchase and maintain in accordance with Florida Law. If the successful bidder fails to furnish the required **certificates of insurance** with the ten (10) calendar days of the Notice of Award, Lee County Human and Veteran Services (Housing) may annul the Notice of Award, and award the bid to the next lowest, responsible, and responsive bidder.

6. SUBMISSION OF BIDS

6.1 **SUBMIT THE BID** according to section 1.5 of this package **IN A SEALED ENVELOPE, MAILED OR HAND CARRIED**, to Lee County Human and Veteran Services, 2440 Thompson St, Fort Myers, FL 33901, **PRIOR TO THE BID CLOSING TIME.** The **ENTIRE** Bid Package must be stamped in received by Human and Veteran Services prior to the bid submittal deadline.

6.2 The proper delivery of the bid to Lee County is solely and strictly BIDDER'S responsibility. Lee County shall not be responsible for delays caused by the United States Postal Service or any other occurrence. Bids submitted by certified or registered mail, not received by Lee County Human and Veteran Services by the bid submittal deadline, will not be honored.

6.3 The bid submittal time will be **strictly** observed. Under ***no*** circumstances will bid proposals delivered after the specified submittal time be considered. It is the bidder's responsibility to ensure the bid is received by the Department of Human Services prior to the opening date and time specified. Any bid received after the opening date and time will be promptly returned to the bidder unopened.

6.4 Bidder must submit his/her Lump Sum Bid on this Bid Form and Unit Prices on the Schedule of Work. Any blank spaces on the Bid Form and Schedule of Work required in Instructions to Bidders or signatures may result in the Bid being declared as ***NON-RESPONSIVE***.

7. WITHDRAWAL, TRANSFER OR MODIFICATION OF BIDS

7.1 Bids may be withdrawn at written, faxed, or e-mailed request of the BIDDER in time for delivery, in the normal course of business, prior to the time fixed for the opening of bid proposals provided, however, that written confirmation of any telegraphic-withdrawal over the signature of the BIDDER is placed in the mail and postmarked prior to the time set for bid opening.

7.2 If, within twenty-four (24) hours after Bids are opened (excluding Saturdays, Sundays and Holidays), any BIDDER providing a signed, written notice to the COUNTY and demonstrating to the reasonable satisfaction of the COUNTY that there was a material and substantial mistake in the preparation of its Bid, may withdraw its Bid without penalty. The BIDDER shall be disqualified from further consideration on the Work to be provided under that Project. Except as specified in this subparagraph, BIDDER may not withdraw its bid after the appointed bid opening time.

7.3 As consideration for the undersigned bid to be acknowledged by *Lee County Human and Veteran Services* in their Award of the Contract, the undersigned bidder hereby agrees that his/her bid shall be only on such forms as provided and shall be submitted prior to the scheduled time on which the bids are to be opened. Any revocation of the original bid shall be accompanied by submission of the same form as the original bid with the work ***REVOCATION*** placed thereon. All revocations and modifications shall be sealed.

7.4 BIDDER may not modify its bid proposal after the appointed bid opening time for any reason whatsoever.

7.5 BIDDER may not assign or otherwise transfer its bid prior to or after the bid opening time.

8. BID OPENING

8.1 At the time and place fixed for the opening of bids every bid properly delivered within the time fixed for receiving bids will be opened and publicly read aloud, irrespective of any irregularities found therein. BIDDERS and other persons interested may be present, in person or by representative. An abstract of the amounts of the base bids and major alternates (if any) will be made available to BIDDERS after the opening of bids.

9. AWARD OF CONTRACT/REJECTION OF BIDS

9.1 Bids are being obtained pursuant to FS 255.20. The statutory criterion for award of a bid is to the "lowest qualified responsive and responsible bidder in accordance with the contract/bid documents". A bid meeting these statutory criteria is considered in the best interest of the COUNTY. The COUNTY reserves the right to exercise its discretion to reject any and all Bids, with or without cause, to waive informalities (e.g., not involving price, time or changes in the work), and to accept the bid that in its judgment will be in the best interest of Lee County. Discrepancies in the multiplication of units of work and unit prices will be resolved in favor of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum. Minor mathematical errors will be corrected by the Department of Human Services based upon stated criteria.

9.2 The COUNTY may conduct such investigations as the COUNTY deems necessary and appropriate to assist in the evaluation of any Bid and to establish the responsibility, qualifications and financial ability of Bidders, proposed Subcontractors, Suppliers and other persons and organizations proposed by Bidder hereunder.

9.3 By submitting a bid, the BIDDER recognizes and accepts that the COUNTY may reject the bid based upon the exercise of its sole discretion. BIDDER waives any claim(s) it may have for damages or other relief resulting directly or indirectly from the rejection of its bid based on any grounds, including the disclosure of any pertinent information relating to the reasons for rejection of said bid.

9.4 All vendors will be evaluated on their past performance and prior dealings with Lee County (i.e., failure to meet specifications, poor workmanship, late delivery, etc.). Poor or unacceptable past performance may result in bidder disqualification.

9.5 The County reserves the right to exercise its discretion, to waive minor informalities in any bid; to reject any or all bids with or without cause; and/or to accept the bid that in its judgment will be in the best interest of the County of Lee.

10. EXECUTION OF WRITTEN CONTRACT

10.1 The COUNTY will issue a "Notice to Proceed" on the Project within **forty-five (45) calendar days** of the date of the Notice of Award.

10.2 In the event the Notice to Proceed has not been issued by the COUNTY within the **forty-five (45) calendar day** period above, the CONTRACTOR shall have the option, upon written notice, to rescind the Contract or continue with the Contract as originally bid, unless stated otherwise in Supplemental Conditions.

11. ACCEPTANCE

11.1 The materials and/or services delivered under the bid shall remain the property of the seller until a physical inspection and actual usage of these materials and/or services is accepted by the County and is deemed to be in compliance with the terms herein, fully in accord with the specifications and of the highest quality. In the event the materials and/or services supplied to the County are found to be defective or do not conform to specifications, the County reserves the right to cancel the order upon written notice to the seller and return such product to the seller at the seller's expense.

12. PUBLIC ENTITY CRIME AFFIDAVIT

12.1 Any person or affiliate as defined by statute who has been placed on the convicted vendor list following a conviction for a public entity crime may not submit a bid or a contract to provide any goods or services to the County; may not submit a bid on a contract with the County for the construction or repair of a public building or a public work; may not submit bids or leases of real property to the County; may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with the County, may not transact business with the County in excess of \$25,000 for a period of 36 months from the date of being placed on the convicted vendor list.

13. DRUG FREE WORKPLACE

13.1 Whenever two or more proposals, which are equal with respect to price, quality, and service, are received for the procurement of contractual services, a proposal received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the evaluation/award process. In order to have a drug-free workplace, a business shall comply with the requirements of Florida Statutes 287.087.

14. PERMITS AND LICENSES

14.1 The contractor must apply for **all** applicable permits within fourteen (14) calendar days after the notice to proceed is issued by the Lee County Department of Human Services. All permits, governmental fees and licenses necessary for the proper execution and completion of the work must be obtained prior to the commencement of any work required by job specifications, copies of such licenses and permits shall be provided to the rehab specialist upon receipt. Each contractor will submit, to the rehab specialist, a copy of job specifications that have been signed off by the building department certifying that all permits applicable to the work required have been applied for.

A notice of commencement will be filed on each job in conjunction with the issuance of notices to proceed and any other requirements of the Florida Mechanic's Lien Law shall be completed.

15. LABOR AND MATERIALS

15.1 The contractor shall provide and pay for all labor, materials, equipment, tools, construction equipment and machinery, transportation, etc., necessary for the proper execution and completion of the work.

16. IMMIGRATION LAWS

16.1 Lee County will not intentionally award County contracts to any contractor who knowingly employs unauthorized alien workers, constituting a violation of the employment provisions contained in 8 U.S.C. Section 1324 a(e), Section 274A(e) of the Immigration and Nationality Act ("INA").

16.2 Lee County shall consider the employment by any Contractor of unauthorized aliens a violation of Section 274A(e) of the INA. Such violation by the recipient of the employment provisions contained in Section 274A(e) of the INA shall be grounds for unilateral cancellation of the contract by Lee County.

17. SECTION 3

17.1 It is the policy of the Lee County Human and Veteran Services (DHS) to comply with the requirements of Section 3 of the Housing and Urban Development Act (HUD) of 1968 pursuant to [24 CFR 570.607 \(b\)](#). This legislative directive provides preference to low-income residents, and businesses that substantially employ these persons, for new employment, training, and contracting opportunities resulting from HUD-funded projects. As such it is the intent of DHS to give, to the greatest extent feasible, (consistent with existing Federal, State, and local laws and regulations), employment, contracting and other economic opportunities arising in connection with a proposed project to low-income persons, Section 3 residents and business concerns in the local community, and that contracts be awarded to eligible business concerns which employ and/or are owned in substantial part by such low-income persons residing in Lee County.

17.2 In order for DHVS to be considered in compliance with the regulation, DHVS will make, to the greatest extent feasible, efforts to achieve the three annual minimum numerical goals as set forth at [24 CFR Part 135.30](#), for employment and contracting by: 1) awarding 10 percent of the total dollar amount of all covered construction contracts to Section 3 businesses; 2) offering 30 percent of new employment opportunities to Section 3 businesses; and 3) hiring 30 percent of new hires as Section 3 residents annually—i.e., one out of three new employees needed to complete a Section 3 covered project/activity shall be a Section 3 resident.

17.3 Efforts to ensure that these levels are achieved include: 1) requiring that all contractors post information at job sites in affected areas regarding employment opportunities and preference in hiring Section 3 employees and 2) advertising projects identifying contracting opportunities and the preference to utilize Section 3 businesses.

CERTIFICATION

I understand that Lee County Human and Veteran Services reserves the right to reject this bid, but that this bid shall remain open and shall not be withdrawn for a period of **forty-five (45) calendar days** from the date prescribed for its opening. If written *Notice of Award* of this bid is delivered to the undersigned within **forty-five (45) calendar days** after the date set for the opening of this bid, **or at any other time thereafter before it is withdrawn**, the undersigned will execute and deliver the Contract Documents to the Human and Veteran Services in accordance with this bid as accepted and will also furnish and deliver to Lee County Procurement Management vendor/bidder application (if not on file), including proof of all required insurance coverage, within **ten (10) calendar days** after delivery of the *Notice of Award* of this bid.

Bidder warrants by virtue of bidding that any orders placed or contracts awarded within **forty-five (45) calendar days** from the date of bid opening shall be honored at the prices, term and conditions in this proposal unless otherwise stated. All bids shall be subject to acceptance and issuance of a *Notice to Proceed* by the property owner within **forty-five (45) calendar days** after the contract has been awarded.

Bidder must submit his/her Lump Sum Bid on this Bid Form and Unit Prices on the Schedule of Work. Any blank spaces on the Bid Form and Schedule of Work required in Instructions to Bidders or signatures may result in the Bid being declared as **NON-RESPONSIVE**.

SEALED FORM, MODIFICATION, AND REVOCATION OF THE BID

As consideration for the undersigned bid to be acknowledged by the Property Owner in their Award of the Contract, the undersigned bidder hereby agrees that his/her bid shall be only on such forms as provided and shall be submitted prior to the scheduled time on which the bids are to be opened. Any revocation of the original bid shall be accompanied by submission of the same form as the original bid with the work **REVOCATION** placed thereon. All revocations and modifications shall be sealed.

ANTI-COLLUSION STATEMENT

The below signed bidder has not divulged to, discussed or compared his bid with other bidders and has not colluded with any other bidder or parties to the bid whatsoever.

Notice of Award or request for additional information may be addressed to the undersigned at the address set forth below.

By signing below I acknowledge that I have read and understood the information in this bid form.

FIRM: _____

BY: _____
(Printed)

BY: _____
(Signature)

TITLE: _____

ADDRESS: _____

PHONE NUMBER: _____

LICENSE NUMBER: _____

LICENSE TYPE: _____

Lee County BoCC
Human and Veterans Services

Name: Teresa Mess
Address: 18380 Heather Rd.
City, State Zip: Fort Myers, Fl. 33967
Client Phone #: 239-823-1091
Strap #: 16-46-25-07-00095.0510
Date: 10/16/2017
Rehab Specialist: Bob Betrus; 239-533-7952

Contractor will have 30 days to complete the work.

All construction shall be in compliance with the 2014 Florida Building Code, Building, Residential, Existing Building, Plumbing, and Mechanical. The 2011 National Electrical Code. All Lee County Ordinances. All current Florida State Statues Chapter 10D-6 of the Florida Administrative Code

Contractors shall be responsible for all dimensions, locations, and quantities. All color samples shall be submitted and approved by this office prior to work commencing.

Note: No deviation from this specification will be permitted without written and signed authorization by Lee County Department of Human and Veteran Services.

Contractors must obtain ALL NECESSARY PERMITS and all necessary documents from Federal, State and Local governmental agencies prior to commencement of any work. Furnish copies of permits to Lee County Department of Human and Veteran Services prior to commencement of any work. Permits will cover all work to be completed under this schedule of work.

SCHEDULE OF WORK

1. **Septic System:** Install new/replace existing septic system as defined on permit number **36-SN-1794742**. If a lift, dosing pump, grease trap, etc., and related electrical/plumbing provisions, are required by the Health Department Permit for this job, it shall be included in the base bid including all related permits. Excavate drain field and remove material (or old drain field, as applicable) and properly dispose of excavated material ("dumping" on vacant lots or any other unauthorized area is not allowed). If a new septic tank is not installed, pump out existing septic tank. Repair lawn/landscape irrigation systems as required (if existing) to accommodate septic system work. It is recommended that the contractor avoid driving vehicles, equipment or dumping materials on driveways, sidewalks or patios. If the contractor damages driveways, sidewalks, fences, landscaping, lawn/landscape irrigation systems, underground wiring, underground plumbing, the home, or personal items belonging to the homeowner, or any other items on the premises as a result of the septic system installation/repair, the contractor shall repair/replace said item(s) to the homeowner's satisfaction. It is the contractors responsibility to contact all associated utilities for marking of underground services and to discuss with the homeowner if they have knowledge of any underground systems, utilities or hazards.

Gutters and downspouts shall be installed/repared if required to obtain final approval from State of Florida Department of Health for the septic system installation/repair. New septic system and all areas disturbed by the removal of the old septic system and/or installation of the new septic system shall be properly graded and resodded with same sod type as existing. If no existing sod is present (only weeds) then the contractor shall resod areas disturbed during the septic installation/repair with Bahia sod. When work is complete, no bare earth shall be allowed in all yard/lawn areas affected by septic repair.

All work shall be in accordance with the specification and drawings defined in State of Florida Department of Health permit number **36-SN-1794742** and contractor shall pull any other required permits (electrical, plumbing, building, etc) and must obtain final approval on all permits issued regarding the work being performed for this

job. The contractor shall warranty all work for a period of one (1) year minimum (warranty exceptions: daily rated capacity of the system is exceeded; parking cars/truck (or other heavy load) on the septic tank/septic field; introducing foreign objects not designed to dissolve into the septic system (cloth, plastics, metal, heavy paper products, etc), stoppage/tank pumping). The contractor must provide objective evidence to claim any of the warranty exceptions.

This specification and the State of Florida Department of Health permit issued for this job shall take precedence over any bid/specification provided by the contractor. In the event of a conflict between this specification and the State of Florida Department of Health (DOH) permit issued for this job, the State of Florida Department of Health permit shall take precedence.

Contact Lee County Housing Rehab. Specialist when work begins and when work is complete/final permit approval has been issued. All work will be completed in a workmanlike manner and to all local plumbing codes and State Code requirements. **Note: Contractor shall locate all existing underground services, public and private, prior to any excavation. If dewatering or other form of lowering the water table is required, it shall be part of the bid.** State of Florida Department of Health permit shall take precedence over this specification if a conflict exists.

TOTAL BASE BID

\$ _____

Authorized Contractor's Signature: _____

Contractors name: _____

Company name: _____

Contractors Address: _____

Revision Date: 10/16/2017



SEPTIC SYSTEM PERMIT

36-SN-1794742

CHAPTER 381, FLORIDA STATUTES & 64E-6, FLORIDA ADMINISTRATIVE CODE

Application #: AP1310330

Date Issued: 10/12/2017

THIS PERMIT CARD MUST BE POSTED ON SITE

CONSTRUCTION PERMIT FOR:

- New System
 Existing System
 Holding Tank
 Innovative Other
 Repair
 Abandonment
 Temporary

APPLICANT: Teresa Mess

PROPERTY STREET ADDRESS: 18380 Heather Rd Fort Myers, FL 33967

SEPTIC CONTRACTOR: _____

LOT: 51-52 BLOCK: 95 SUBDIVISION: San Carlos Park

PROPERTY ID #: 16462507000950510 [Section/Township/Range/Parcel No.] [OR TAX ID NUMBER]

See System Construction Permit for System Specifications

EXCAVATION INSPECTION APPROVED: YES NO BY: _____ DATE: _____

INITIAL INSPECTION

OK TO COVER/DATE: _____

E.H.SPECIALIST: _____

CALL FOR FINAL INSPECTION AFTER:

- roof is guttered
 mound is stablized:4' shoulder all sides
 max.____:1 slopes, 6"-18" soil cover,
 Tank Soil Cap: Max 8"
 sod installed over entire mound slope

well is constructed

inlet

CONSTRUCTION NON-COMPLIANCE DATE: _____

REASON(S): _____

E.H.SPECIALIST: _____

FINAL INSPECTION

APPROVAL / DATE: _____

E.H. SPECIALIST: _____

APPROVAL #: _____

APPROVAL DENIED / DATE: _____

REASON(S): _____

E.H. SPECIALIST: _____

There is a \$75.00 fee for any additional inspections or reinspections after a disapproval

QUESTIONS? 239-690-2100



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

REPAIR

PERMIT #: 36-SN-1794742
APPLICATION #: AP1310330
DATE PAID: _____
FEE PAID: _____
RECEIPT #: _____
DOCUMENT #: PR1078459

CONSTRUCTION PERMIT FOR: OSTDS Repair
APPLICANT: Teresa Mess
PROPERTY ADDRESS: 18380 Heather Rd Fort Myers, FL 33967
LOT: 51-52 BLOCK: 95 SUBDIVISION: San Carlos Park
PROPERTY ID #: 16462507000950510 [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 [900] GALLONS / GPD Septic Tank CAPACITY
A [0] GALLONS / GPD _____ CAPACITY
N [0] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK:1250 GALLONS]
K [225] GALLONS DOSING TANK CAPACITY [50.00] GALLONS @ [6] DOSES PER 24 HRS #Pumps [1]
D [500] SQUARE FEET Replacement Drainfield SYSTEM
R [0] SQUARE FEET _____ SYSTEM
A TYPE SYSTEM: [] STANDARD [x] FILLED [] MOUND [] _____
I CONFIGURATION: [] TRENCH [x] BED [] _____
N
F LOCATION OF BENCHMARK: CLR RPL 100' (Assumed)
I ELEVATION OF PROPOSED SYSTEM SITE [0.13] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT
E BOTTOM OF DRAINFIELD TO BE [0.28] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT
L
D FILL REQUIRED: [13.00] INCHES EXCAVATION REQUIRED: [10.00] INCHES

O
T
H
E
R
MINIMUM INFILTRATIVE SURFACE ELEVATION = 99.72 feet (assumed)
The system is sized for 3 bedrooms with a maximum occupancy of 6 persons (2 per bedroom), for a total estimated flow of 300 gpd. Performing Lift Dosing. Pumps must be certified as suitable for distributing sewage effluent. The licensed contractor installing the system is responsible for installing the minimum category of tank in accordance with s. 64E-6.013(3)(f), FAC.

SPECIFICATIONS BY: Clayton E Hansen TITLE: Environmental Specialist II
APPROVED BY: Clayton E Hansen TITLE: Environmental Specialist II Lee CHD
DATE ISSUED: 10/12/2017 EXPIRATION DATE: 01/10/2018

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 4052 Bald Cypress Way, BIN A-02, Tallahassee, Florida 32399. The Agency Clerk's facsimile number is 850-413-8743.

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 Health 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.

REPAIR

RECEIVED
OCT 10 2017
BY:

30 SU
1794742



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. _____
DATE PAID: _____
FEE PAID: _____
RECEIPT #: AP 1310330

APPLICATION FOR:

- New System
- Existing System
- Holding Tank
- Innovative
- Repair
- Abandonment
- Temporary

APPLICANT: Leresa Mess

AGENT: _____

TELEPHONE: 239-823-1091

MAILING ADDRESS: 18380 Heather Rd 33967

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: 51+52 BLOCK: 95 SUBDIVISION: San Carlos Park PLATTED: _____

PROPERTY ID #: 164162507000950510 ZONING: R I/M OR EQUIVALENT: Y N

PROPERTY SIZE: .22 ACRES WATER SUPPLY: PRIVATE PUBLIC _____ <=2000GPD _____ >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? Y N DISTANCE TO SEWER: _____ FT

PROPERTY ADDRESS: 18380 Heather Rd 33967

DIRECTIONS TO PROPERTY: _____
by 283710315
Ready 10/11/17 89m

BUILDING INFORMATION

RESIDENTIAL COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	<u>Single Family</u>	<u>3</u>	<u>1220</u>	
2				
3				
4				

Floor/Equipment Drains Other (Specify) _____

SIGNATURE: Leresa Mess

DATE: 10-3-17



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM
EXISTING SYSTEM AND SYSTEM REPAIR EVALUATION

PERMIT # _____

1790742

1790742

APPLICANT: TERESA E MESS 18380 HEATHER RD, FORT MYERS, 33967

CONTRACTOR / AGENT: SOUTHWEST ENVIRONMENTAL

LOT: 51+52 BLOCK: 95 SUBDIV: SAN CARLOS PARK ID#: 16462507000950510

TO BE COMPLETED BY FLORIDA REGISTERED ENGINEER, DEPARTMENT EMPLOYEE, SEPTIC TANK CONTRACTOR OR OTHER CERTIFIED PERSON. SIGN AND SEAL ALL SUBMITTED DOCUMENTS. COMPLETE ALL APPLICABLE ITEMS. COMPLETE TANK CERTIFICATION BELOW OR NOTE IN REMARKS WHY THE TANKS CANNOT BE CERTIFIED.

EXISTING TANK INFORMATION

[1000]	GALLONS SEPTIC TANK/GPD ATU	LEGEND: <u>N/A</u>	MATERIAL: <u>CONCRETE</u>	BAFFLED: [<input type="checkbox"/> Y <input checked="" type="checkbox"/> N]
[]	GALLONS SEPTIC TANK/GPD ATU	LEGEND: _____	MATERIAL: _____	BAFFLED: [<input type="checkbox"/> Y <input type="checkbox"/> N]
[]	GALLONS GREASE INTERCEPTOR	LEGEND: _____	MATERIAL: _____	
[]	GALLONS DOSING TANK	LEGEND: _____	MATERIAL: _____	# PUMPS: []

I CERTIFY THAT THE LISTED TANKS WERE PUMPED ON 09/30/15 BY SOUTHWEST ENVIRONMENTAL, HAVE THE VOLUMES SPECIFIED/AS DETERMINED BY [DIMENSIONS / ~~FLOWING~~ / ~~LEGEND~~], ARE FREE OF OBSERVABLE DEFECTS OR LEAKS AND HAVE A [SOLIDS DEFLECTION DEVICE / ~~OUTLET FILTER DEVICE~~] INSTALLED.

SIGNATURE OF LICENSED CONTRACTOR: _____ BUSINESS NAME: SOUTHWEST ENVIRONMENTAL DATE: 09/30/15

EXISTING DRAINFIELD INFORMATION

[500] SQUARE FEET PRIMARY DRAINFIELD SYSTEM NO. OF TRENCHES [] DIMENSIONS: 18 x 28
[] SQUARE FEET _____ SYSTEM NO. OF TRENCHES [] DIMENSIONS: _____ X
TYPE OF SYSTEM: [] STANDARD [] FILED [] MOUND []
CONFIGURATION: [] TRENCH [] BED []
DESIGN: [] HEADER [] D-BOX [] GRAVITY SYSTEM [] DOSED SYSTEM
ELEVATION OF BOTTOM OF DRAINFIELD IN RELATION TO EXISTING GRADE 21 INCHES [ABOVE / BELOW]

SYSTEM FAILURE AND REPAIR INFORMATION

[11/1/88] SYSTEM INSTALLATION DATE TYPE OF WASTE [] DOMESTIC [] COMMERCIAL
[300] GPD ESTIMATED SEWAGE FLOW BASED ON [] METERED WATER [] TABLE 1, 64E-6, FAC
SITE [] DRAINAGE STRUCTURES [] POOL [] PATIO / DECK [] PARKING
CONDITIONS: [] SLOPING PROPERTY []
NATURE OF FAILURE: [] HYDRAULIC OVERLOAD [] SOILS [] MAINTENANCE [] SYSTEM DAMAGE
[] DRAINAGE / RUN OFF [] ROOTS [] WATER TABLE []
FAILURE SYMPTOM: [] SEWAGE ON GROUND [] TANK [] D BOX/HEADER [] DRAINFIELD
[] PLUMBING BACKUP []

REMARKS/ADDITIONAL CRITERIA TANK SIZE 8 X 4.3 X 4 X 7.48 = 1029 GAL

SUBMITTED BY: _____ TITLE/LICENSE: EST DATE: 10/11/17
DH 4015, 08/09 (Obsoletes previous editions which may not be used)
Incorporated 64E-6.001, FAC

SFR well/septic

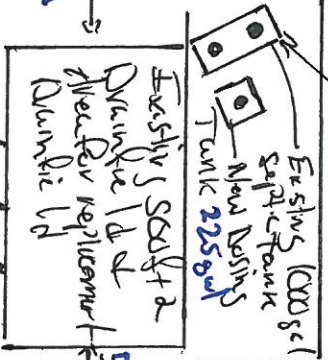
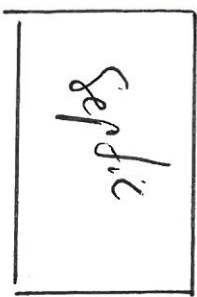
SFR well/septic

SFR well/septic

well
75'

SEPTIC PLAN APPROVED BY
 LEE COUNTY HEALTH DEPT.
 SPECIALIST Erin Ferguson
 APPROVAL DATE 10/12/17

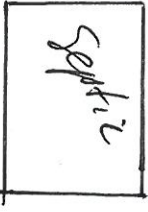
1380 Heather Rd
Fort Myers FL 33916



well

well
75'

not to scale
2



slope

0.017d

15'
R1

R.2

11'

PL 80'
HWS

15.5'

26'

Heather Rd.

Benchmark

1794242

SEPTIC SYSTEM REPAIR WORKSHEET

PERMIT # 1794742

ELEVATION CALCULATIONS: USE 100.0 ASSUMED FOR REFERENCE POINT/BENCH MARK

LOCATION OF BM CLR RPL

BM = 100.0
 (+) SHOT: 4.58
 (=) H.I. 104.58

EXISTING GROUND AT SOIL PROFILE	EXISTING TOP DF COVER	TOP OF TANK INLET	TOP OF TANK OUTLET	EXISTING TOP OF DF STONE	EXISTING BOTTOM OF DF STONE
H.I. = <u>104.58</u>	H.I. = <u>104.58</u>	H.I. = <u>104.58</u>	H.I. = <u>104.58</u>	H.I. = <u>104.58</u>	H.I. = <u>104.58</u>
(-) SHOT <u>4.45</u>	(-) SHOT <u>3.97</u>	(-) SHOT <u>1.70 + 3.5 = 5.2</u>	(-) SHOT <u>5.52</u>	(-) SHOT <u>1.72 + 3.5 = 5.22</u>	(-) SHOT <u>6.02</u>
ELEV: <u>100.13</u>	<u>100.61</u>	<u>99.38</u>	<u>99.06</u>	<u>99.36</u>	<u>98.56</u>

PROPOSED DRAINBED ELEVATION CALCULATIONS

EXISTING GROUND (=) 100.13
 DEPTH TO WSWT (SOIL SURVEY + SITE FILL) (-) 1.41
 WSWT ELEVATION (=) 98.72
 REQ. SEPARATION [] (+) 1

Slab = 150 + 3.5 → 4.80
 TOT = .94 + 3.5 → 4.44
 (99.78)
 (100.14)

+ 0.5 FT (PRIOR 1983) OR + 1.0 FT (1983 +)

TOP OF EXISTING TANK OUTLET PIPE 99.06
 (-) 0.83

OR 99.72 MUST BE LOWER THAN: 98.23 OR PUMP REQUIRED YES
 (= NEW ELEV OF BOTTOM DB STONE)

DRAINFIELD SIZING prior to 1983		
# BEDROOMS	FILLED	MOUND
2	200	240
3	300	360
4	400	480
ADDITIONAL	100	120

AFTER JANUARY 1983 USE CURRENT RULE REQUIREMENTS FOR DF SIZING

EXISTING ELEVATIONS

NEW ELEVATIONS

TANK INLET 99.38 FT
 TANK OUTLET 99.06 FT
 TOP DRAINBED STONE 99.36 FT
 BOTTOM DRAINBED STONE 98.56 FT
 WET SEASON WATER TABLE 1.41 FT
 DRAINBED SOIL COVER 100.61 FT
 EXISTING TANK SIZE (EST) 1000 GAL
 EXISTING DRAINBED 28 X 18 = 500 SQ. FT.

100.72 FT
99.72 FT RAISE DRAINBED 16 INCHES
N/A FT WSWT SEPARATION 12 INCHES
101.72 FT RAISE YARD ELEV. 7 INCHES
 GAL NEW TANK IF REQUIRED
 = NEW DRAINBED SIZE 4500 SQ. FT.



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM
SITE EVALUATION AND SYSTEM SPECIFICATIONS

PERMIT #. 1794742

APPLICANT: Teresa Miss AGENT: _____

LOT: 71+52 BLOCK: 95 SUBDIVISION: San Carlos Park

PROPERTY ID #: 1644250000000010 [Section/Township/Parcel No. or Tax ID Number]

TO BE COMPLETED BY ENGINEER, HEALTH DEPARTMENT EMPLOYEE, OR OTHER QUALIFIED PERSON. ENGINEERS MUST PROVIDE REGISTRATION NUMBER AND SIGN AND SEAL EACH PAGE OF SUBMITTAL. COMPLETE ALL ITEMS.

PROPERTY SIZE CONFORMS TO SITE PLAN: [] YES [] NO NET USABLE AREA AVAILABLE: .22 ACRES
TOTAL ESTIMATED SEWAGE FLOW: 300 GALLONS PER DAY [RESIDENCES-(1)/OTHER-TABLE2]
AUTHORIZED SEWAGE FLOW: 330 GALLONS PER DAY [1500 GPD/ACRE OR 2500 GPD/ACRE]
UNOBSTRUCTED AREA AVAILABLE: 250+ SQFT UNOBSTRUCTED AREA REQUIRED: 250 SQFT

BENCHMARK/REFERENCE POINT LOCATION: CLR RPL 100' (Assumed)
ELEVATION OF PROPOSED SYSTEM SITE IS 13 [INCHES (1)] [ABOVE/BELOW] BENCHMARK/REFERENCE POINT

THE MINIMUM SETBACK WHICH CAN BE MAINTAINED FROM THE PROPOSED SYSTEM TO THE FOLLOWING FEATURES
SURFACE WATER: n/a FT DITCHES/SWALES: 15.5 FT NORMALLY WET? [] YES [] NO
WELLS: PUBLIC: n/a FT LIMITED USE: n/a FT PRIVATE: 87 FT NON-POTABLE: n/a FT
BUILDING FOUNDATIONS: 7 FT PROPERTY LINES: 11 FT POTABLE WATER LINES: 41 FT

SITE SUBJECT TO FREQUENT FLOODING: [] YES [] NO 10 YEAR FLOODING? [] YES [] NO
10 YEAR FLOOD ELEVATION FOR SITE: _____ FT MSL/NGVD SITE ELEVATION: _____ FT MSL/NGVD

SOIL PROFILE INFORMATION SITE 1 100.13

MUNSELL #/COLOR	TEXTURE	DEPTH
<u>10B2 7/3</u>	<u>FS-Fill</u>	<u>0 TO 2</u>
<u>10B2 5/4</u>	<u>FS</u>	<u>2 TO 11</u>
<u>10B2 6/4</u>	<u>FS</u>	<u>11 TO 25</u>
<u>10B2 8/1</u>	<u>FS</u>	<u>25 TO 31</u>
<u>10B2 8/1</u>	<u>FS</u>	<u>31 TO 51</u>
<u>fs/eta</u>	<u>FS</u>	<u>51 TO 51</u>
		TO
		TO
		TO
		TO
USDA SOIL SERIES: <u>28 Emmetville B</u>		

SOIL PROFILE INFORMATION SITE 2 100.07

MUNSELL #/COLOR	TEXTURE	DEPTH
<u>10B2 7/3</u>	<u>FS-Fill</u>	<u>0 TO 0</u>
<u>10B2 5/4</u>	<u>FS</u>	<u>0 TO 12</u>
<u>10B2 6/4</u>	<u>FS</u>	<u>12 TO 22</u>
<u>10B2 8/1</u>	<u>FS</u>	<u>22 TO 41</u>
<u>10B2 8/1</u>	<u>FS</u>	<u>41 TO 41</u>
<u>fs/eta</u>	<u>FS</u>	<u>41 TO 41</u>
		TO
		TO
		TO
		TO
USDA SOIL SERIES: <u>28 Emmetville B</u>		

OBSERVED WATER TABLE: 41 INCHES [ABOVE / BELOW] EXISTING GRADE. TYPE: [] PERCHED / [] APPARENT
ESTIMATED WET SEASON WATER TABLE ELEVATION: 17 INCHES [ABOVE / BELOW] EXISTING GRADE
HIGH WATER TABLE VEGETATION: [] YES [] NO MOTTLING: [] YES [] NO DEPTH: 17 INCHES

SOIL TEXTURE/LOADING RATE FOR SYSTEM SIZING: FS DEPTH OF EXCAVATION: 10 INCHES
DRAINFIELD CONFIGURATION: [] TRENCH - [] BED [] OTHER (SPECIFY)
REMARKS/ADDITIONAL CRITERIA: Stopping work 7/1 ca 10B2 6/1 material at 17"

SITE EVALUATED BY: T. Jensen DATE: 10/11/17

179442

INSTRUCTIONS

- PERMIT #: Permit tracking number assigned by County Health Department.
- APPLICANT: Property owner's full name.
- AGENT: Property owner's legally authorized representative.
- LOT, BLOCK, SUBDIVISION: Lot, block, and subdivision for lot
- PROPERTY ID#: 27 character number for property (property appraiser ID # or section/township/range/parcel number).
- PROPERTY SIZE: Check if property size at site conforms to submitted site plan. Record net usable area available - lot area exclusive of all paved areas and prepared road beds within public rights-of-way or easements and exclusive of streams, lakes, normally wet drainage ditches, marshes, or other such bodies of water.
- SEWAGE FLOW: Record the estimated sewage flow for the establishment from Table 1 (residential) or Table 2 (non-residential), Chapter 64E-6, FAC. Record the authorized sewage flow for the lot based on net usable area and water supply (1500 gallons per day per acre for private water supplies and 2500 gallons per day per acre for public water supplies). If authorized sewage flow does not equal or exceed the estimated sewage flow, the application must be denied.
- UNOBSTRUCTED AREA: Record the square feet of unobstructed area available and the amount required. Unobstructed area must be at least 2 times as large as the drainfield absorption area and at least 75 percent of the unobstructed area must meet minimum setbacks in Chapter 64E-6, FAC. The unobstructed area must be contiguous to the drainfield.
- BENCHMARK INFORMATION: Record the location of the benchmark. If using a surveyor's benchmark record the actual elevation. Record the elevation of the proposed system site in relation (above or below) to the benchmark.
- MINIMUM SETBACKS: Record minimum setbacks which can be met to all listed features. Actual measurements must be recorded or "NA" for non applicable features. Features on site plan or within 75 feet of the applicant lot must be measured. The location of any public drinking well within 200 feet of the applicant's lot must also be verified.
- FLOOD INFORMATION: Record information on lot's subject to flooding. For lots subject to flooding record 10 year flood elevation for site and actual site elevation.
- SOIL PROFILE INFORMATION: Two soil profiles within the proposed absorption area to a minimum depth of 6 feet or refusal are required. Soil identification will use USDA Soil Classification methodology (Munsell colors and USDA soil textures). Refusals must be clearly documented. Provide USDA soil series if available, record "UNK" if the series cannot be determined.
- WATER TABLE: Record the depth of the observed water table at the time of the evaluation. Mark "perched" or "apparent" as appropriate. Record the estimated wet season water table elevation based on site evaluation, USDA soil maps, and historical information. Indicate if there is high water table vegetation present. Indicate if mottling is present and depth.
- SOIL TEXTURE: Record soil texture or loading rate for system sizing.
- DEPTH OF EXCAVATION: If applicable record depth of excavation required. Record "NA" if not applicable.
- DRAINFIELD CONFIGURATION: Check drainfield configuration required. If other, specify type.
- ADDITIONAL CRITERIA: Record any additional remarks pertinent to site or installation. Ex. Dosing required.
- SITE EVALUATED BY: Signature of evaluator, title, and date of evaluation. Professional engineers must seal all documentation submitted.

ELEVATION WORKSHEET		ELEVATION OF BENCHMARK / REFERENCE POINT IS <u>100</u>					
BENCHMARK	<u>100</u>	SITE 1	<u>109.58</u>	SITE 2	<u>104.58</u>	SITE 3	
[+] SHOT	<u>9.78</u>	H.I.	<u>4.98</u>	H.I.	<u>4.51</u>	H.I.	
H.I.	<u>109.58</u>	[-] SHOT	<u>102.13</u>	[-] SHOT	<u>100.07</u>	[-] SHOT	
			<u>16</u>				