



Orange County Purchasing Department

714 Polk Street
Orange, Texas 77630
Phone (409) 882-7902
Fax (409) 670-4106

Connie Cassidy
Purchasing Agent

Charlene Walker
Assistant Purchasing Agent

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM (PLEASE RETURN BY FAX TO 409-670-4106)

**REFERENCE:
INSTALLATION OF ON-SITE SEWAGE FACILITIES AT VARIOUS LOCATIONS
IN VIDOR, TX.**

**This addendum is provided for clarification at the pre-bid meeting:
NOVEMBER 29, 2011 AT 10:00 am CST AT THE OFFICE OF THE COUNTY
PURCHASING AGENT. LOCATED AT 714 POLK, ORANGE, TX.**

Please sign below and fax back to acknowledge receipt of this addendum

**I HEREBY ACKNOWLEDGE RECEIPT OF ADDENDUM # 1 IN REFERENCE TO
THE ABOVE PROJECT.**

Please sign below and fax back to acknowledge receipt of this addendum

**I HEREBY ACKNOWLEDGE RECEIPT OF ADDENDUM # 1 IN REFERENCE TO THE ABOVE
PROJECT.**

Company

Representative Signature

Address

Representative (Print Name)

City, State, Zip

Phone

Fax

E-Mail Address

PLEASE COMPLETE AND FAX TO 409-670-4106 FOR VERIFICATION PURPOSES.

ADDENDUM # 1

**REFERENCE: ORANGE COUNTY REQUEST FOR BID –
INSTALLATION OF ON-SITE SEWAGE FACILITIES AT VARIOUS LOCATIONS
IN VIDOR, TX.**

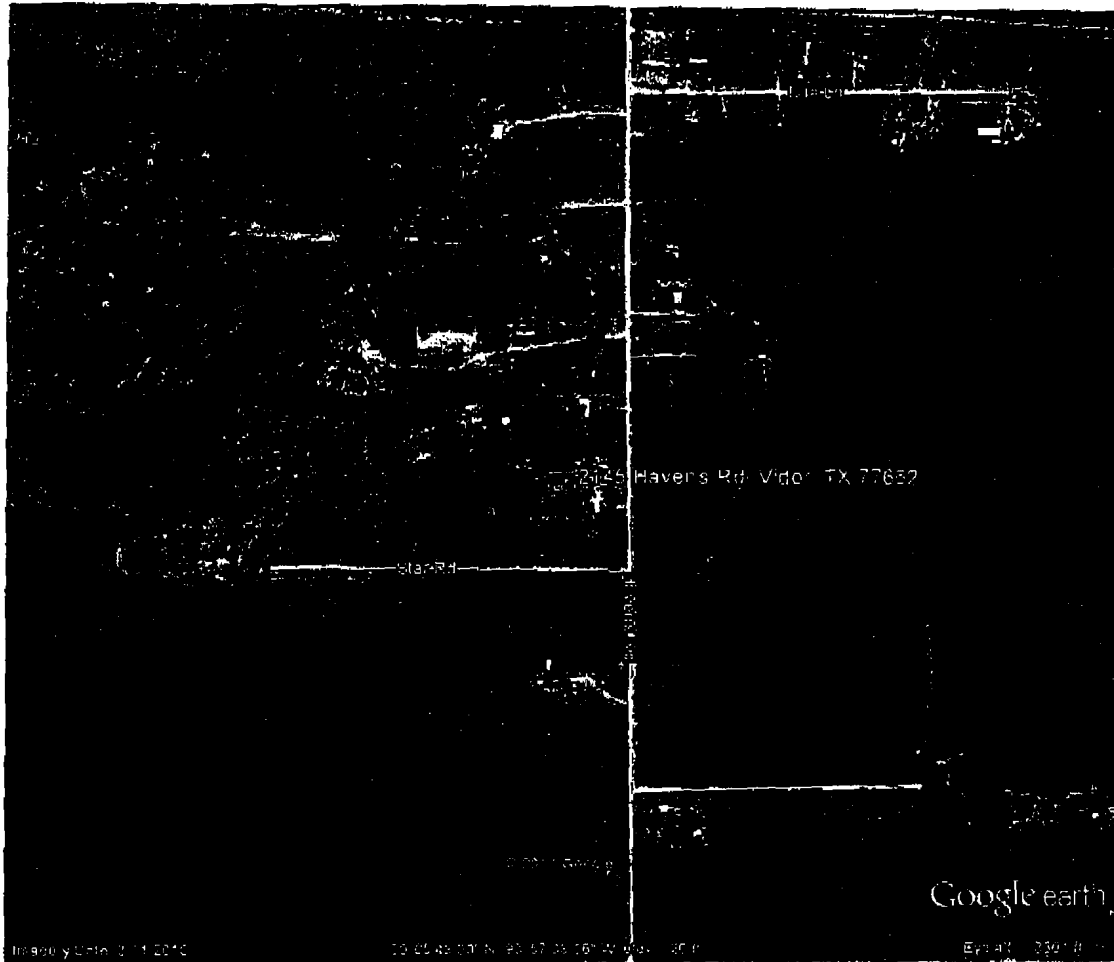
**GENERAL INFORMATION – SEE ATTACHED DATA SHEETS
PRE-BID MEETING HELD NOVEMBER 1, 2011 AT 10:00 am CST
AT THE OFFICE OF THE COUNTY PURCHASING AGENT. LOCATED AT
714 POLK, ORANGE, TX.**

1. Provide information for 2145 Havens Road design did not scan on original disk.

All other terms and conditions will remain the same.

Sincerely,

Connie Cassidy
Purchasing Agent
Orange County
714 Polk Street
Orange TX 77630
Phone 409-882-7902
Fax 409-670-4106

GENERAL DOCUMENTS AND SPECIFICATIONS

**PROJECT: FY-2007 CIAP
ORANGE COUNTY
GRANT PROGRAM
ON-SITE SEWER PROJECT**

**OWNER: HENRY RANDALL
2145 HAVENS ROAD
VIDOR, TX 77662**

**PROJECT CONSULTANT:
JEFF WARD & ASSOCIATES
14401 BOOKCLIFF COURT
PURCEVILLE, VA 20132-1769**

**COUNTY OF ORANGE
THE HONORABLE CARL THIBODEAUX
120 SIXTH STREET
ORANGE, TX**

**ORANGE COUNTY HEALTH DEPT.
10984-B BOX 6 FM 1442
ORANGE, TX 77630**

**PROJECT ENGINEER:
LESTER A. SAUCIER, JR.
3122 TEXAS AVENUE
BRIDGE CITY, TX 77611**

**ADVERTISED: NOVEMBER 12 & 19, 2011
PRE-BID CONFERENCE: NOVEMBER 29, 2011
BID OPENING: DECEMBER 13, 2011**

LESTER A. SAUCIER, JR., P.E. NO. 32372

ENGINEER MANAGEMENT
P.O. BOX 886, BRIDGE CITY, TEXAS 77611
(409) 735-7155. FAX (409) 735-7156

DATE October 17, 2011

ORANGE COUNTY HEALTH DEPARTMENT
10984-B BOX 6 FM 1442
ORANGE, TEXAS 77632

ATTENTION: JOEL ARDOIN

SUBJECT: ON SITE SEWAGE DESIGN
SURFACE TREATED WASTEWATER

TECHNICAL AND SITE INFORMATION

SUBJECT: Henry Randall
ADDRESS 2145 Havens Road
Vidor, TX.
TEL. 409-434-9821

LOT SIZE 1.5 acres
OSSF TABLE III
INSTALLER _____
OTHER _____

PROPERTY & SOIL INFORMATION Mobile Home on 1.5 acres

BUILDING SIZE Mobile Home SQ.FT.LIVING 2175 NO.BEDROOMS 3 NO. BATHS 1
W.S.D. no

WATER DEMAND _____ PEOPLE X _____ GPD = 240 GPD 240
EXCEPTIONS OSSE TABLE III = 240 GPD TOTAL

SURFACE DESIGN AREA: TABLE III (OSSF): 240 GPD ÷ 0.035 in/hr G/ /D = 6857 SQ.FT

SPRAY SYSTEM #1 2289 ft.² 27 Ø #2 2289 ft.² 27 Ø #3 2289 ft.² 27 Ø TOTAL 6867

WASTEWATER SYSTEM SPECIFICATONS: MANUFACTURER _____ MODEL NO. _____

PRE-TREATMENT TANK 500 GAL. AERATION TANK 500 GAL. PUMP TANK 500 GAL.

CHLORINATOR STACK EFFLUENT PUMP 12 /1/2 GPM/HP

SPRINKLER 4 GPM (MFG) IRRIGATION PIPE 1 IN./TYPE

OTHER REQUIREMENTS OR COMMENTS:

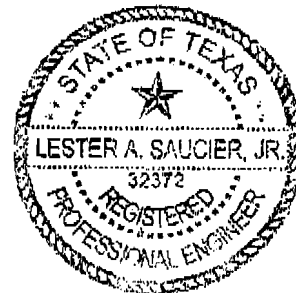
Owner has a failed septic system at a residence on a country 1.5 acre lot and would like to install an aerobic wastewater system. It is my recommendation to install an aerobic wastewater system as shown on the attached drawing. Water is provided from a private well. A timer is to be installed in order to reduce the buffer zone from 20' to 10'.

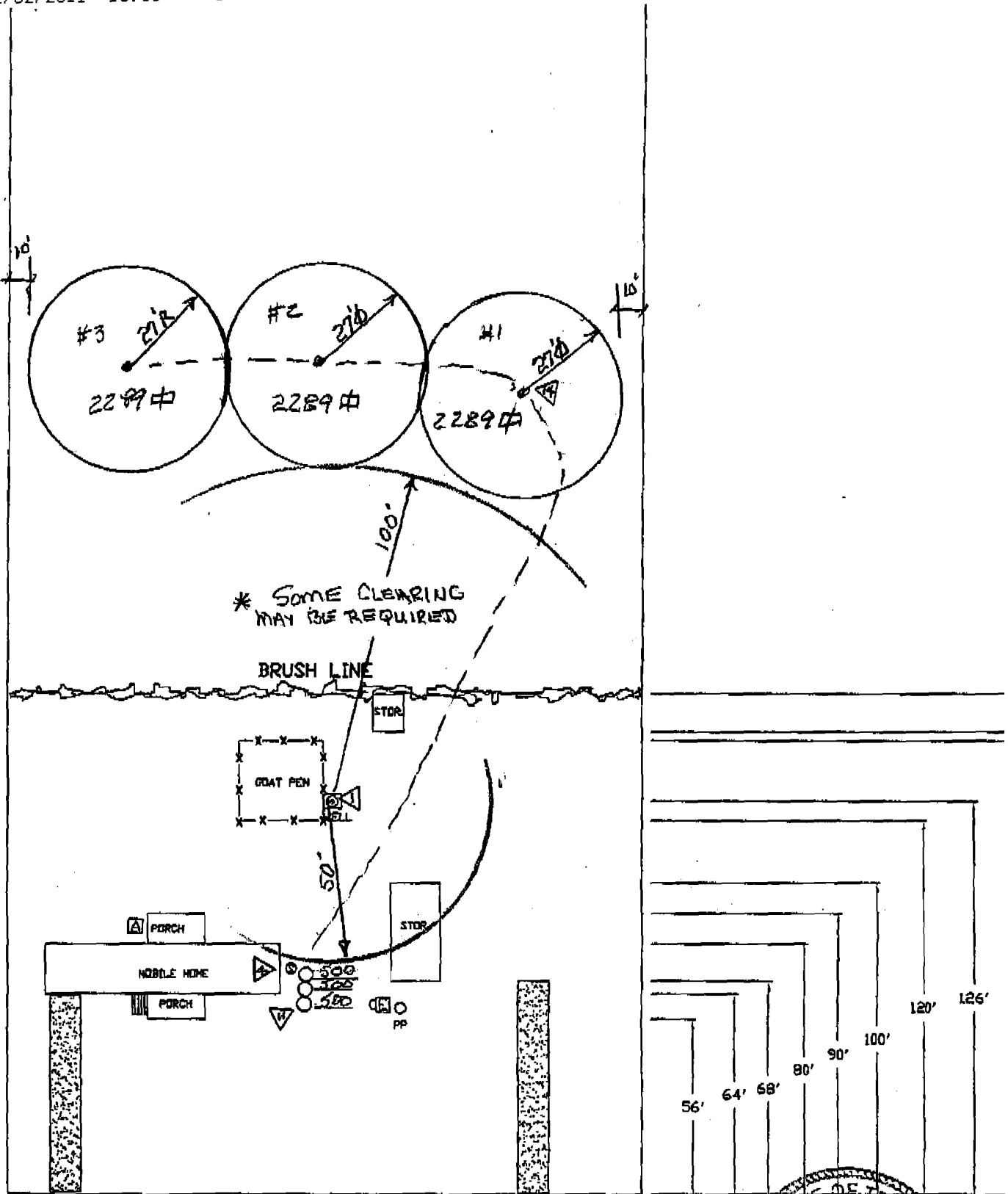
The purpose of this design is to provide an individual with on-site sewage facilities for the disposal of treated effluent so as not to contaminate potable water supplies or threaten the health and welfare of the public. The data provided herein is to establish minimum standards for the construction of these on-site sewage facilities. The use of brand names, manufacturers, trademarks or other identifying symbols appearing in the drawings is to establish a standard or equal and does not constitute an endorsement. All construction must be done in accordance with the TCEQ, and local government laws and regulations.

A person may not construct, alter, repair, extend, modify an OSSF system without obtaining a permit and approved plans from TCEQ or its authorized agent. Only a registered and/or qualified installer may install a system. All equipment utilized must be approved for use in accordance with the Texas Administration Code # 285.12 (c) (7). The owner of each system shall have on-going maintenance as provided by an approved company.

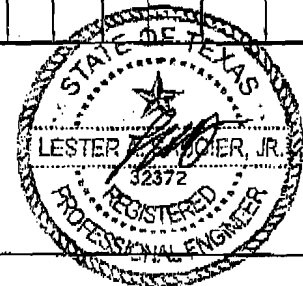
Criteria considered in this design was location, application area soil classification, buffer requirements, equipment data and etc. In my professional opinion, the proposed system can be installed and maintained without causing a threat or harm to any existing supply system or to the public health, or causing a threat of pollution or nuisance conditions, provided the system is properly installed, loaded and maintained.

LESTER A. SAUCIER, JR.





0' 10' 20' 30'
 ~SCALE~



LESTER A. SAUCIER, JR.
 3122 TEXAS AVE.
 BRIDGE CITY, TEXAS
 TEL. #409-735-7155

NAME HENRY RANDALL
 ADDRESS 2145 HAVENS RD.
 LOCATION VIDOR, TEXAS

Texas Commission on Environmental Quality

ON-SITE SEWAGE FACILITY
TECHNICAL INFORMATION FOR PERMIT

PROFESSIONAL DESIGN REQUIRED?: [] Yes [] No If yes, professional design attached: [] Yes [] No

Designer Name: Lester A. Saucier, Jr. License Type and No. P.E. 32372

Phone No. (409) 735-7155 Other or Fax No. (409) 735-7156

Mailing Address: 3122 Texas Avenue City: Bridge City State: Tx Zip: 77611

I. TYPE AND SIZE OF PIPING FROM: (EXAMPLE: 4" SCH 40 PVC)

Stub out to treatment tank: 4" SCH 40 PVC

Treatment tank to disposal system: 1" SCH 40 PVC

II. DAILY WASTEWATER USAGE RATE: Q= 240 (gallons/day)

Water Saving Devices: [] Yes [x] No

III. TREATMENT UNIT(S): [] Septic Tank [x] Aerobic Unit

A. Tank Dimensions: 500 Liquid Depth (bottom of tank to outlet):

Size Proposed: 500 (gal) Manufacturer:

Material/Model #:

Pretreatment Tank: [x] Yes SIZE: 500 (gal) [] No [] NA

Pump/Lift Tank: [] Yes SIZE: 500 (gal) [] No [] NA

B. OTHER [] Yes [] No If yes, please attach description.

IV. DISPOSAL SYSTEM:

Disposal Type: Surface Spray

Manufacturer and Model:

Area Proposed: 6867 square feet

V. ADDITIONAL INFORMATION:

NOTE - THIS INFORMATION MUST BE ATTACHED FOR REVIEW TO BE COMPLETED.

A. Soil/Site evaluation B. Planning materials (If Applicable)

DO NOT BEGIN CONSTRUCTION PRIOR TO OBTAINING AUTHORIZATION TO CONSTRUCT. UNAUTHORIZED CONSTRUCTION CAN RESULT IN CIVIL AND/OR ADMINISTRATIVE PENALTIES.

SIGNATURE OF INSTALLER OR DESIGNER: [Signature] DATE: 10-17-11

If you have questions on how to fill out this form or about the on-site sewage facility program, please contact us at your local regional office or at 512/239-3799. Individuals are entitled to request and review their personal information that the agency gathers on its forms. They may also have any errors in their information corrected. To review such information, contact us at 512/239-3282.

This application may be executed in separate and multiple counterparts, which together shall constitute a single instrument. Any executed signature on this agreement may be transmitted by digital or electronic transmission, including but not limited to facsimile transmission and electronic mail. Any signature affixed to this application shall constitute an original signature for all purposes.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SITE EVALUATION AND PLANNING MATERIALS FOR AN ON-SITE SEWAGE FACILITY

**The following information must be submitted with the design package for review by the TCEQ.
Failure to include or address all of the following items may result in approval delays.**

Application No. _____

Applicant/Site Information		Site Evaluator Information	
Name	HENRY RANDALL	Name	LESTER A. SAUCIER, JR., P.E.
Address	2145 HAVENS ROAD	Address	3122 TEXAS AVENUE
City, State, Zip	VIDOR, TX 77662	City, State, Zip	BRIDGE CITY, TEXAS 77611
Phone No.	409-434-9821	Phone No.	409-735-7155
County	ORANGE	Licnse No.	32372

Additional information:

SITE EVALUATION: A minimum of two soil borings or backhoe pits must be excavated at opposite ends of the proposed disposal area. The borings or pits must be excavated to a depth of two feet below the proposed excavation, or to a restrictive horizon, whichever is less. The boring or pit locations must be indicated. This report shall include a groundwater evaluation, a surface drainage analysis, and all applicable minimum separation requirements.

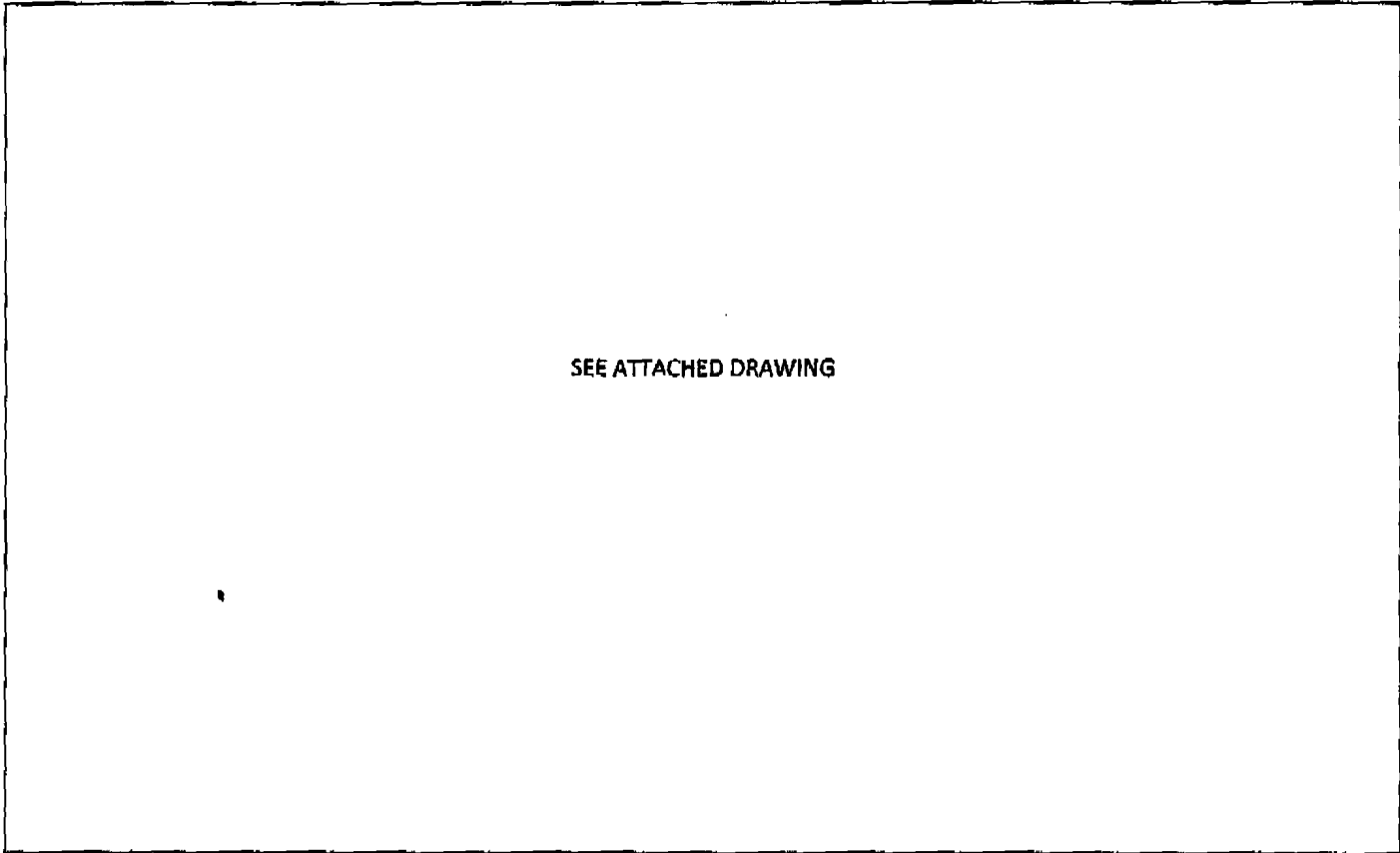
PLANNING MATERIALS: The proposed treatment and disposal system shall be prepared based on the site evaluation. The submittal requirements must include the following details.

- § A scale drawing of the on-site sewage facility, showing all structures served.
- § Submittals prepared by a professional engineer or professional sanitarian must be sealed, dated, and signed.
- § Proposed designs must comply with all separation distances identified in Table X.
- § A sectional view of the tanks, including pump tanks, and excavations must be submitted.

Soil Boring/Backhoe Pit Number <u> 1 </u>						
Depth (Feet)	Soil Class	Gravel Analysis	Restrictive Horizon	Groundwater	Topography	Flood Hazard
0	II				FLAT	
10						
11	III				FLAT	
1						
2						
3						
4						
5						
6						
7						

Soil Boring/Backhoe Pit Number <u>2</u>						
Depth (Feet)	Soil Class	Gravel Analysis	Restrictive Horizon	Groundwater	Topography	Flood Hazard
0	II				FLAT	
10						
11	III				FLAT	
1						
2						
3						
4						
5						
6						
7						

Schematic of Lot or Tract / Site Drawing



Scale: 1 inch = 50 feet/or appropriate

I certify that the results of this report are based on my site observations and are accurate to the best of my ability.

Signature: *Bob A. Sawyer*

Date: October 17, 2011

(Site Evaluator)