

THIS PERMIT IS VALID FOR ONE YEAR AFTER PURCHASE

FAYETTE COUNTY
DEVELOPMENT REGULATIONS ENFORCEMENT OFFICE
151 N. Washington Rm 307- La Grange, Texas 78945- 979/968-1809
APPLICATION FOR ON -SITE SEWAGE FACILITY CONSTRUCTION

Date 22 Jun 18

Permit Number 2018-108-006
Receipt Number 2018

NAME OF OWNER Ronnie & Lynn Konecaba
MAILING ADDRESS 4422 Macker Rd
CITY/STATE/ZIP Flatonia TX 78941 TELEPHONE 1979 966 2782
Is this a repair, replacement or a new system replacement

DESCRIPTION OF PROPERTY WHERE OSSF IS TO BE CONSTRUCTED

911 Address 4422 Macker Road Flatonia, Texas
Legal description 4.421 acres G.W. Cottle, A-35
Property Identification Number 24833 Is the property located in flood area No
Type of structure House Number of Bedrooms 3
Residential/Commercial/Exempt Residential Square Footage 1560
Type System Required Conventional Designer Travis Leiser
Installer TJ Caruthers OS number 0032618

I/We hereby grant permission to the Fayette County Development Regulations Enforcement Office personnel to enter upon the above described property for the purpose of inspecting the on-site sewage facility.


Signature of owner /agent

22 Jun 18
Date

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Date Completed 7-2-18

GPS 29.639870
97.118503

Inspection Sheet

DATE 7/2/18 PROPERTY OWNER Ronnie Konikala

ADDRESS 4422 Maekel Rd. PERMIT # 2018-108-006

SYSTEM TYPE Conventional P.E./R.S./S.E. T. Weiser

proper size tanks, fittings, pipe etc...from structure to disposal system Y ☒ N ☐

pipe meets minimum requirements Y ☒ N ☐ GPD 240

backups observed and in compliance Y ☒ N ☐ Soil type III

manholes properly located Y ☒ N ☐

tank or unit size 1000 gal

type of disposal system Gravel Trench Area Required _____ Linear feet required 240 x 2'

1) Installer T.S. Conitt OS# 32618

PERBOIC OR OTHER REQUIRED COMPONENTS

Make and Model _____

ump tank Size _____ Manufacture/Type _____

Disinfection/Chlorinator Type _____ Proper installation Y ☐ N ☐

Electrical components in compliance Y ☐ N ☐

High water alarm Y ☐ N ☐ Properly installed Y ☐ N ☐

Aerobic Systems: Spray heads/ Number _____ Radius _____ Total square feet _____

Protective devices for spray heads properly installed Y ☐ N ☐

Warning Tag properly attached to system Y ☐ N ☐

Maintenance contract in file Y ☐ N ☐ Maintenance affidavit in file Y ☐ N ☐

Special Design requirements _____

APPROVED ☒ DISAPPROVED _____ REASON _____

Inspected By Curt A. OS# 32626

Travis Weiser, PE 107845
STW Engineering, PLLC F-14496
5962 FM 1624
Lexington, Tx 78947
979-224-7748
s.travis.weiser@gmail.com

06/12/2018

Name: Gene Koncaba
Address: 4422 Maker Road Flatonia, Texas
County: Fayette
Subdivision: 4.421 acres

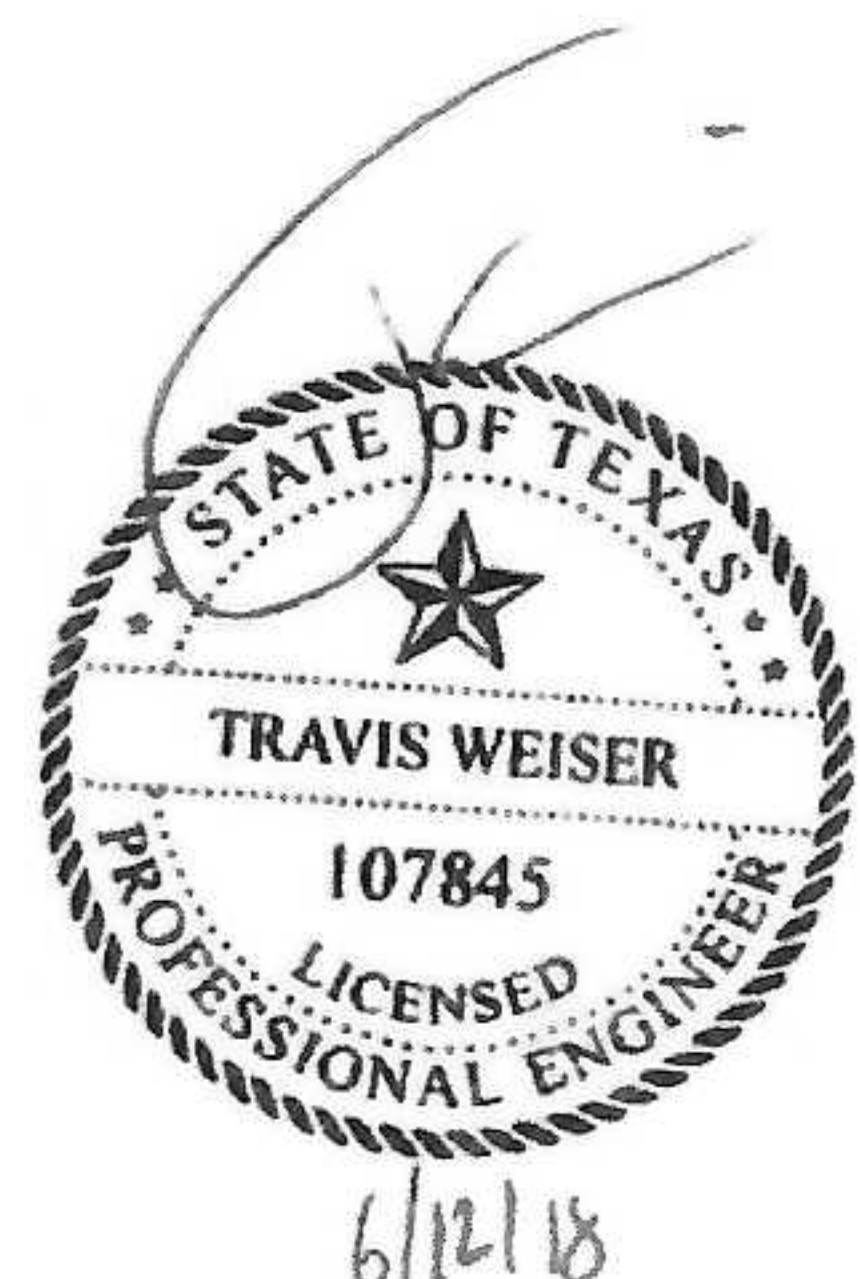
Installer: TJ Carruthers
Phone: 512-797-3893

Design Parameters:

Septic Tanks: 1- 1000 gal Two Compartment Treatment tank
Pump Tank: NA
Select Fill: none
Gravel: none
Laterals: 240 ft (4" SCH 35 Perforated PVC)
Distribution: 120 feet (4" SCH 40 PVC)
Valves:
Pump:

House Details

Bedroom: 3 bedrooms
Square Footage: 1560 SF Heated
Drainage: The site has positive drainage.
Water Saving Fixtures: yes
Water Supply: Private Water Well
Presence of 100 year Floodplain: No
Presence of upper water shed: No
Presence of adjacent ponds, streams, water impoundments: No
Existing or proposed water well in nearby area: Yes
Organized sewage service available to lot or tract: No
Daily Flow: 240 gpd



Soil Details

Soil Class: II

Maximum Load Rate: 0.25

Total Length needed for the Conventional System per Chapter 285

2' Trench Width Soil Class IB = 240 LF required

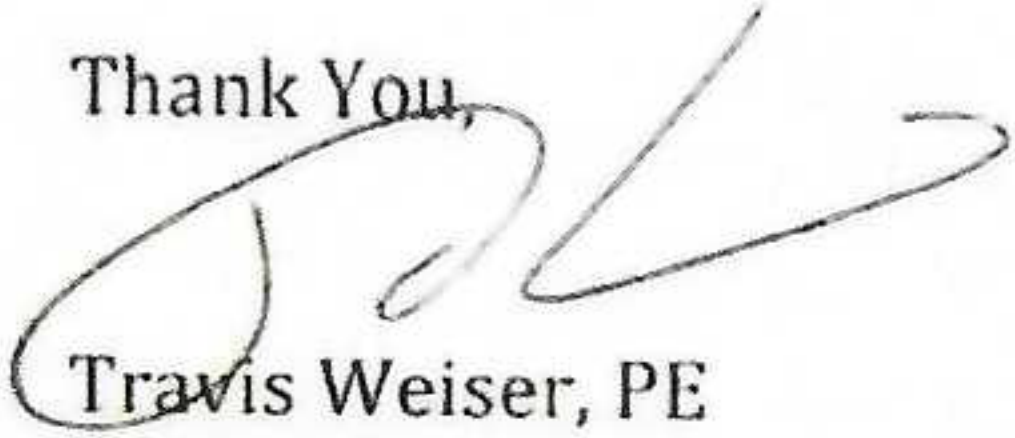
2' Trench Width Soil Class IB = 240 LF designed

Notes:

1. Minimum of 5' between centerline of Lateral piping.
2. The lateral distribution lines should be a minimum of 18" below grade and maximum of 36" below grade.
3. Tank inlet and outlet tees connections per 30 TAC 285 (tees with extensions to 25-50% of tank depth).
4. The bottom of the excavation shall be level to within one inch over each 25 feet of excavation or within three inches over the entire excavation, which is less.
5. Trench to have 6" rock below pipe and 6" rock above pipe and a minimum of 6" of Class 1B, II or III soil back filled over rock. Geo-Textile fabric to be placed between the Rock and the imported select fill. Or Gravel less pipe can be used as a substitute.
6. The media shall consist of clean, washed and graded gravel, broken concrete, rock, crushed stone, chipped tires, or similar aggregate that generally one uniform size and approved by the executive director. The size of the media must range from 0.75 – 2.0 inches as measured along its greatest dimensions.
7. A Two-way cleanout plug must be provided between the sewer stub out and the Treatment tank. Only sanitary type fittings constructed of PVC Sch. 40 or SDR 26 shall be used on this section of the sewer.
8. Maintain minimum 1.0% grade in pipes from Septic tank to Drain field.
9. Maintain 1/8 inch fall per foot slope between house and Septic Tanks.
10. Immediately after completion of installation, homeowner must seed the drainage field with Bermuda **AND** Rye grass, as necessary in disturbed areas, and mow as necessary to maintain optimum growing conditions.
11. System is designed in accordance with daily water usage described above. Any usage above designed will invalidate design.
12. All pre-cast concrete tanks will meet ASTM C1227-93a, d30 Texas Administrative Code 5.32(a) (1) (F).
13. Pipe Bedding. Pipes such as sewer pipes from the structure to the treatment facility and from the treatment facility to the disposal component shall be bedded with four inches of Class IB, Class II, or Class III soil with less than 30% gravel. The bedding soil shall be free of organic material and any rocks or grains larger than 1/2 inch.
14. Tank inlet and outlet tees connections per 30 TAC 285 (tees with extensions to 25-50% of tank depth).

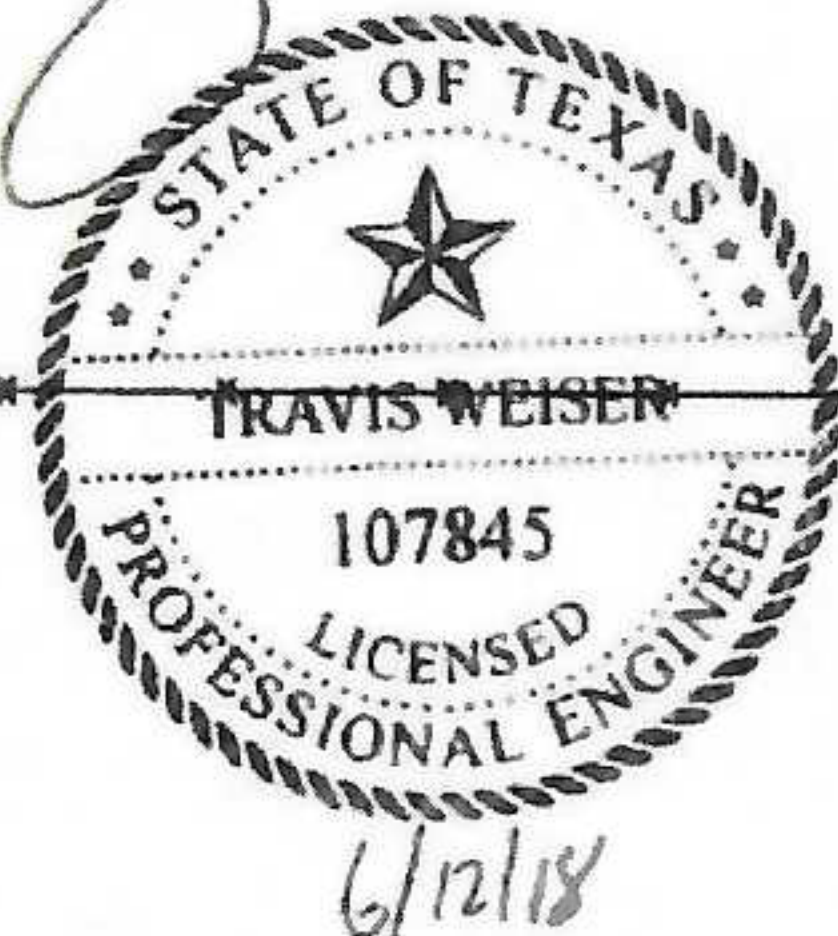
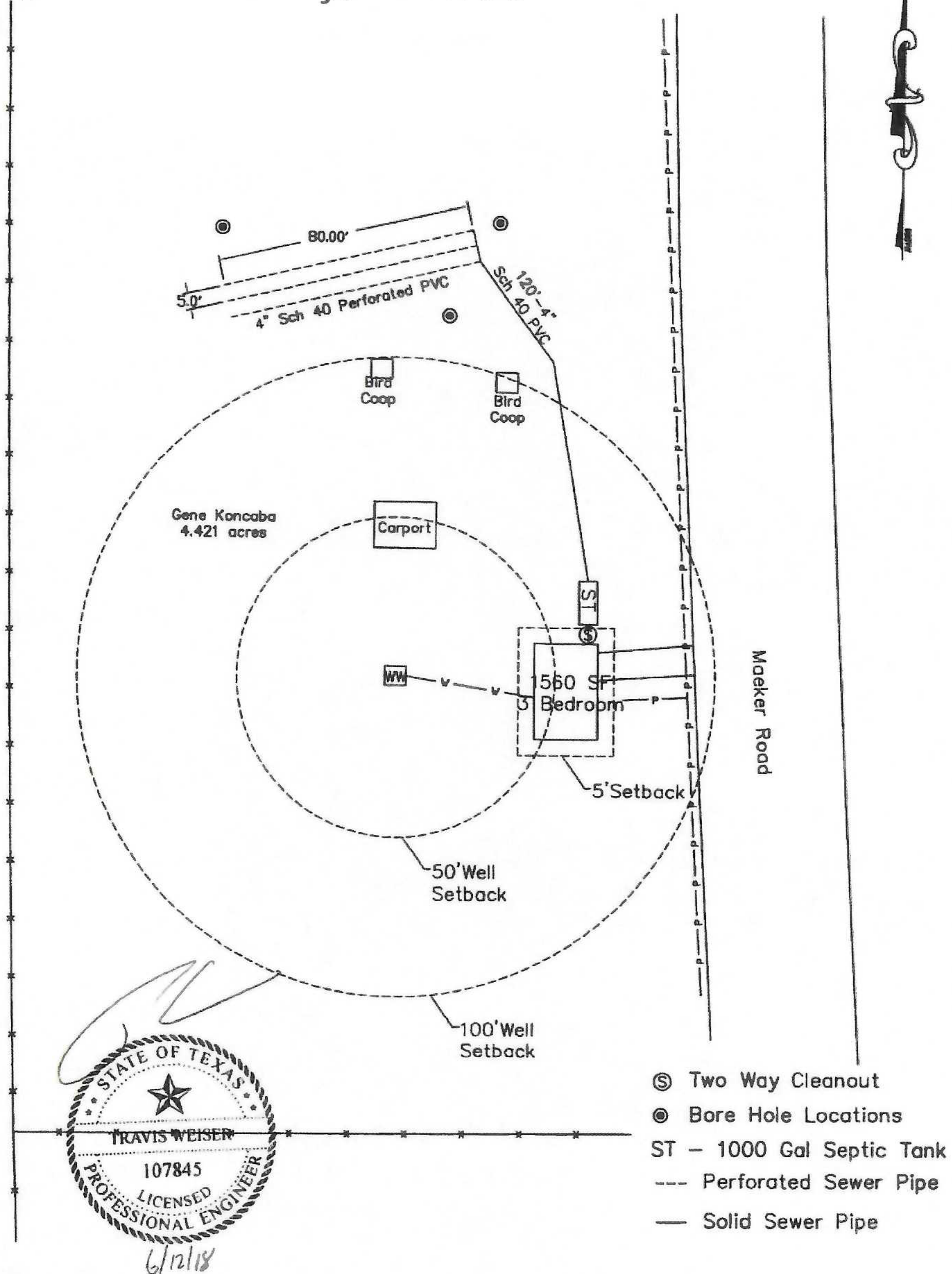
15. A minimum of four inches of sand, sandy loam, clay loam, or pea gravel, free of rock larger than $\frac{1}{2}$ inch in diameter, shall be placed under and around all tanks, except poured-in-place concrete tanks. Unless otherwise approved by permitting authority, tank excavations shall be left open until they have been inspected by the permitting authority. Tank excavations must be backfilled with soil or pea gravel that is free of rock larger than $\frac{1}{2}$ inch in diameter. Class IV soil and gravel larger than one-half inch in diameter are not acceptable for use as backfill material.
16. Installer shall provide risers and tank inspection ports to grade with access safety provisions per 30 TAC 285.38 (9/1/2012). This should include access limitation (>65-lb lid or hardware secured lid) and secondary plug, net, or mesh in riser.

Thank You,



Travis Weiser, PE
5962 FM 1624
Lexington, Texas 78947
979-224-7748
s.travis.weiser@gmail.com

Fayette County, Texas



- ⊗ Two Way Cleanout
- Bore Hole Locations
- ST - 1000 Gal Septic Tank
- Perforated Sewer Pipe
- Solid Sewer Pipe

STW Engineering, PLLC F-14496	By: STW	Date: 06/12/18	Scale: 1" = 40'	
5962 FM 1624, Lexington Texas 78947	Rev:	File#OSSF Koncaba.dwg	WO # 252	

OSSF SOIL EVALUATION

DATE PERFORMED: 6/1/18

PROPOSED EXCAVATION DEPTH: 48"

NAME OF SITE EVALUATOR: Travis Weiser

REG.# 107845

Requirements:

At least two soil excavations must be performed on the site, at opposite ends of the proposed disposal area. Locations of soil boring or dug pits must be shown on the site drawing. For subsurface disposal, soil evaluations must be performed to a depth of at least two feet below the proposed excavation depth. For surface disposal, the surface horizon must be evaluated. Describe each soil horizon and identify any restrictive features on the form. Indicate depths where features appear.

Soil Boring Number: 1					
Depth (feet)	Textural Class	Structure (if applicable)	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
0-					
1-	II	Black Sand	none		
2-					
3-	1B	Brown sand White silt			
4-					
5-					

Soil Boring Number:					
Depth (feet)	Textural Class	Structure (if applicable)	Drainage (Mottles/ Water Table)	Restrictive Horizon	Observations
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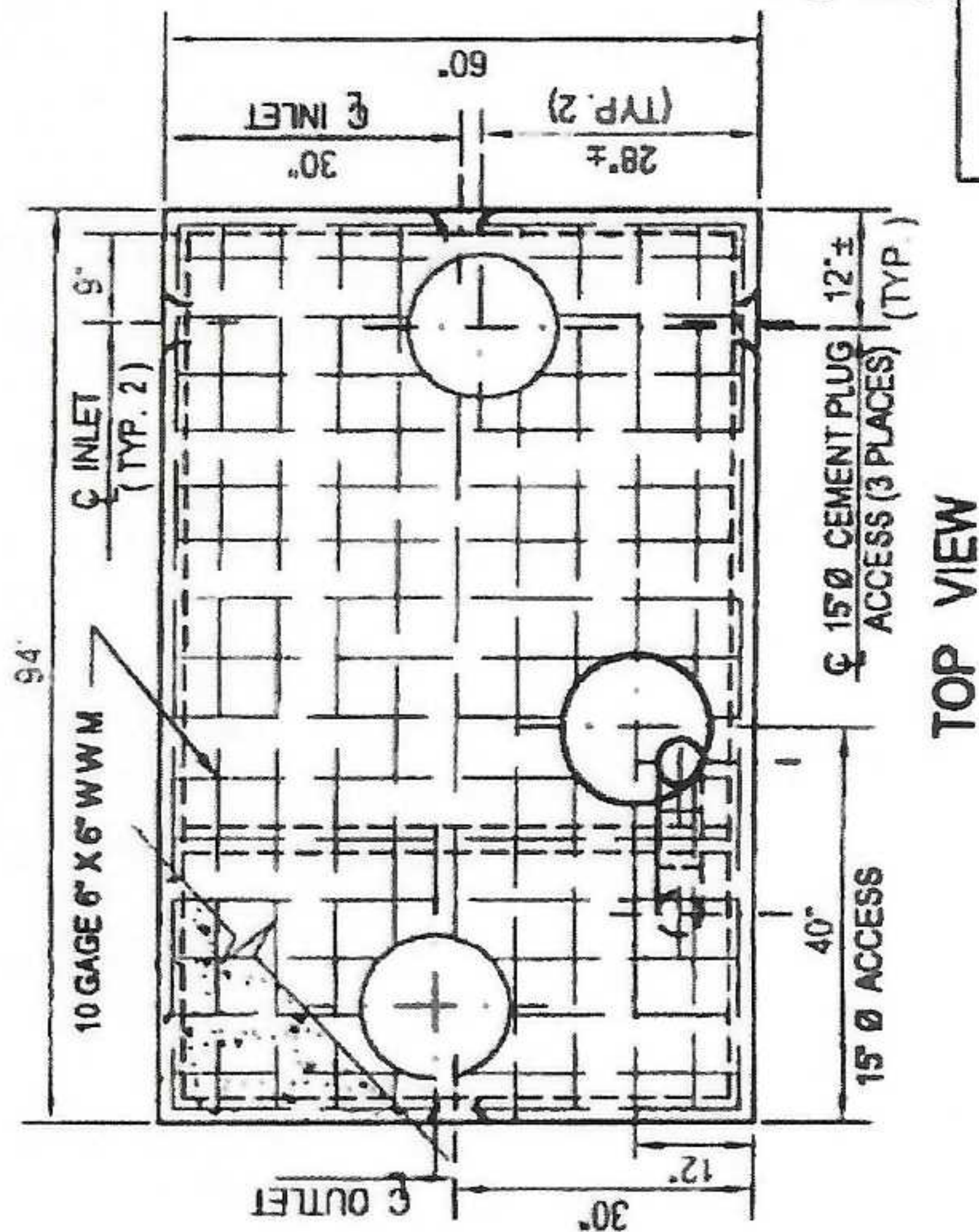
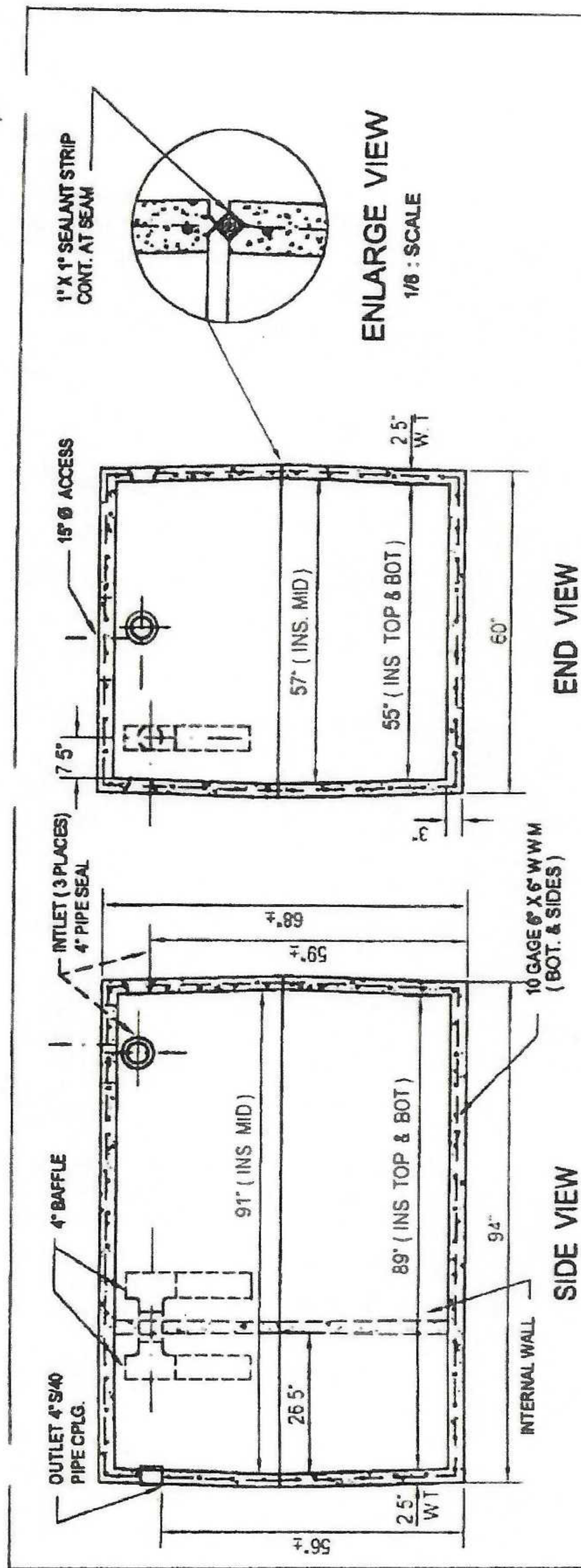
I certify that the findings of this report are based on my field observations and are accurate to the best of my ability.

Signature of Site Evaluator

Date

6/12/18





- NOTES:**
- (1) 28 DAYS CONCRETE COMPRESSION STRENGTH = 4000 PSIG MIN
 - (2) CONCRETE COVER ALL WWM = 1" MIN.
 - (3) TOP & BOTTOM CONCRETE THICKNESS = 3"
 - (4) CONCRETE WALLS THICKNESS = 2.5"
 - (5) WWM = WELDED WIRE MESH (ASTM STANDARD WIRE REINFORCEMENT)
 - (6) CEMENT PLUGS OPTIONAL SQUARE OR CIRCULAR

GATCO TREATMENT SYSTEMS, INC.

32107 ROCHEN RD. WALLER, TEXAS - 77484
PHONE: (836) 372-5403 FAX: (836) 372-5477

1000 GALLON PRE-TREAT TANK
2 - COMPARTMENT (2 PIECES)

DWG. NO. 2002-1000-10

REV. 1

1st COMP. VOLUME 759 GALLONS
GALLONS PER INCH 15

2nd COMP. VOLUME 334 GALLONS
GALLONS PER INCH 6.3

DWN. BY: L. Fargue
SCALE = 1:30

CHKD. BY: EA
DATE: 7/22/02

Upstairs

Bath
Room

Closet

Porch

Hall

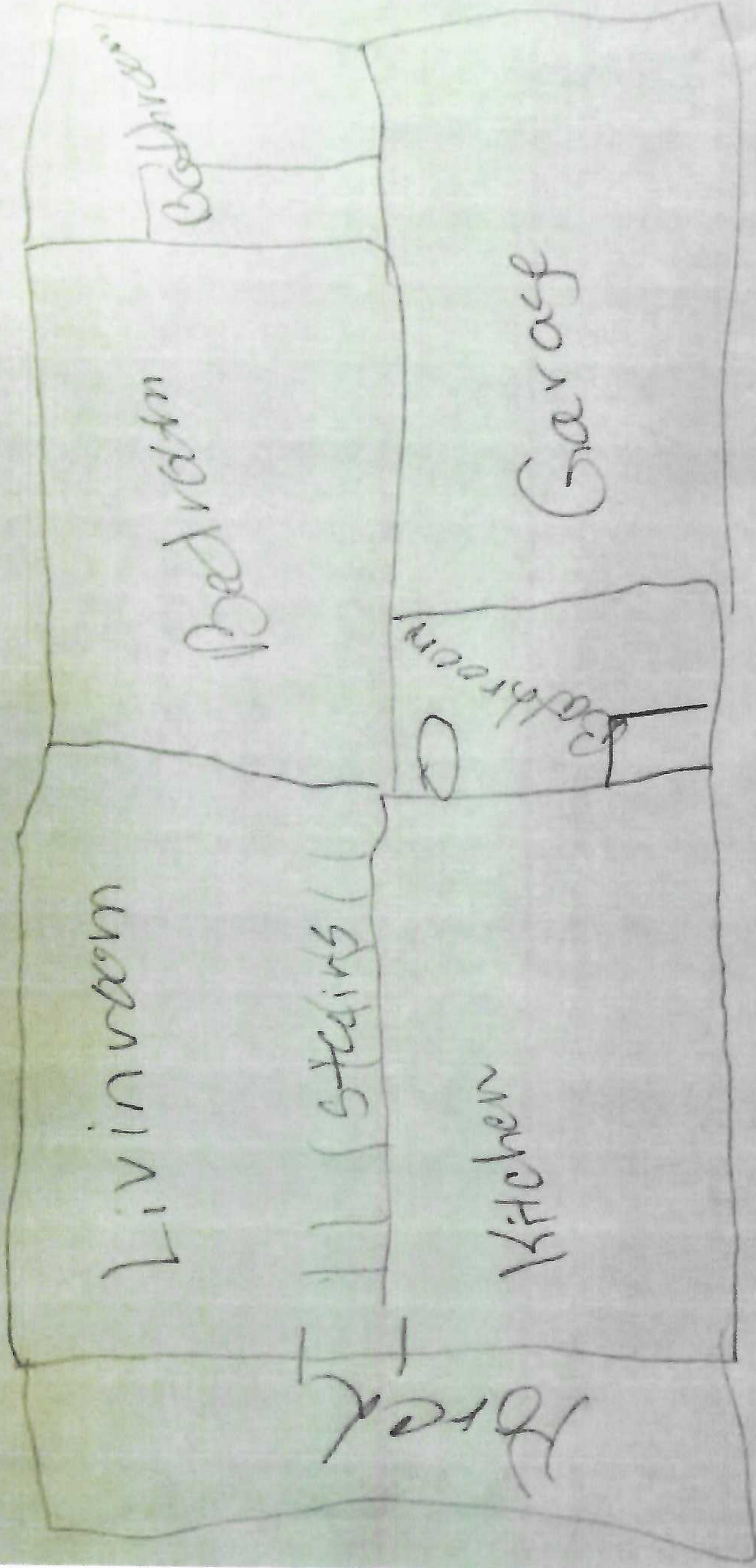


Bedroom

Bedroom

Livingroom

Up stairs



Down Stairs