



INFORMATION ABOUT ON-SITE SEWER FACILITY

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CONCERNING THE PROPERTY AT 1026 County Road 219 Weimar, Texas 78962

A. DESCRIPTION OF ON-SITE SEWER FACILITY ON PROPERTY:

- (1) Type of Treatment System: Septic Tank Aerobic Treatment Unknown

- (2) Type of Distribution System: Low Dose Unknown
- (3) Approximate Location of Drain Field or Distribution System: Front of property (right side of driveway) Unknown

- (4) Installer: _____ Unknown
- (5) Approximate Age: 15 years Unknown

B. MAINTENANCE INFORMATION:

- (1) Is Seller aware of any maintenance contract in effect for the on-site sewer facility? Yes No
If yes, name of maintenance contractor: _____
Phone: _____ contract expiration date: _____
(Maintenance contracts must be in effect to operate aerobic treatment and certain non-standard on-site sewer facilities.)
- (2) Approximate date any tanks were last pumped? October 2018
- (3) Is Seller aware of any defect or malfunction in the on-site sewer facility? Yes No
If yes, explain: _____

- (4) Does Seller have manufacturer or warranty information available for review? Yes No

C. PLANNING MATERIALS, PERMITS, AND CONTRACTS:

- (1) The following items concerning the on-site sewer facility are attached:
 planning materials permit for original installation final inspection when OSSF was installed
 maintenance contract manufacturer information warranty information _____
- (2) "Planning materials" are the supporting materials that describe the on-site sewer facility that are submitted to the permitting authority in order to obtain a permit to install the on-site sewer facility.
- (3) **It may be necessary for a buyer to have the permit to operate an on-site sewer facility transferred to the buyer.**

Information about On-Site Sewer Facility concerning 1026 County Road 219 Weimar, Texas 78962

D. INFORMATION FROM GOVERNMENTAL AGENCIES: Pamphlets describing on-site sewer facilities are available from the Texas Agricultural Extension Service. Information in the following table was obtained from Texas Commission on Environmental Quality (TCEQ) on 10/24/2002. The table estimates daily wastewater usage rates. Actual water usage data or other methods for calculating may be used if accurate and acceptable to TCEQ.

<u>Facility</u>	<u>Usage (gal/day) without water-saving devices</u>	<u>Usage (gal/day) with water-saving devices</u>
Single family dwelling (1-2 bedrooms; less than 1,500 sf)	225	180
Single family dwelling (3 bedrooms; less than 2,500 sf)	300	240
Single family dwelling (4 bedrooms; less than 3,500 sf)	375	300
Single family dwelling (5 bedrooms; less than 4,500 sf)	450	360
Single family dwelling (6 bedrooms; less than 5,500 sf)	525	420
Mobile home, condo, or townhouse (1-2 bedroom)	225	180
Mobile home, condo, or townhouse (each add'l bedroom)	75	60

This document is not a substitute for any inspections or warranties. This document was completed to the best of Seller's knowledge and belief on the date signed. Seller and real estate agents are not experts about on-site sewer facilities. Buyer is encouraged to have the on-site sewer facility inspected by an inspector of Buyer's choice.

Kenneth Reschinger
 Signature of Seller
 Date

dotloop verified
12/12/22 9:37 AM CST
QW95-CNMM-WITU-TDL2

 Signature of Seller
 Date

Receipt acknowledged by:

 Signature of Buyer
 Date

 Signature of Buyer
 Date

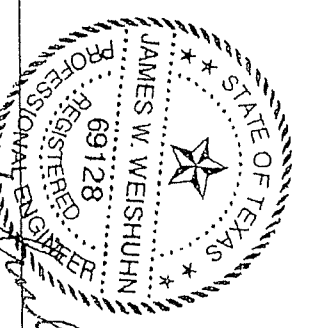
1500 #
180
240 gal

LOW PRESSURE DOSE SYSTEM SUMMARY
FOR
JULEE FRENCH
C.R. 219
WEIMAR, TX
COLORADO COUNTY

DAILY WASTEWATER FLOW: 180 GPD
PRIMARY SEPTIC TANK SIZE: 500 GAL.
SECONDARY SEPTIC TANK SIZE: 500 GAL.
TOTAL SEPTIC TANK CAPACITY: 1,000 GAL.
PUMP TANK SIZE: 500 GAL.
ABSORPTION AREA: 1,800 S.F.
TOTAL LENGTH OF LATERALS: 600'
LATERAL DIAMETER: 1.25"
LATERAL CONFIGURATION: 10-60'
SUPPLY LINE LENGTH: 420-305'
SUPPLY LINE DIAMETER: 2"
MANIFOLD PLACEMENT: END
HOLE SIZE: 5/32" DIA.
HOLE SPACING: 5' C-C
NUMBER OF HOLES: 120

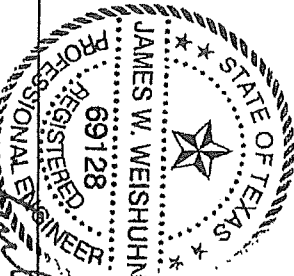
FLOW PER HOLE: 0.41 GPM
TOTAL FLOW: 49 GPM
ELEVATION HEAD: 4'
FRICTION HEAD: 15'
PRESSURE HEAD: 2'
TOTAL HEAD: 21'
PUMP REQUIREMENTS: 49 GPM @ 21' TDH
VOLUME IN LATERALS: 38 GAL.
VOLUME IN SUPPLY PIPE: 50 GAL.
TOTAL PIPE VOLUME: 88 GAL.
DOSE VOLUME: 180 GAL.
DOSE DEPTH: 21'
EMERGENCY VOLUME: 60 GAL.
EMERGENCY DEPTH: 7'
CHECK VALVE NEEDED: YES
PEA GRAVEL VOLUME: 12 CY

James W. Weishuhn
9-25-07



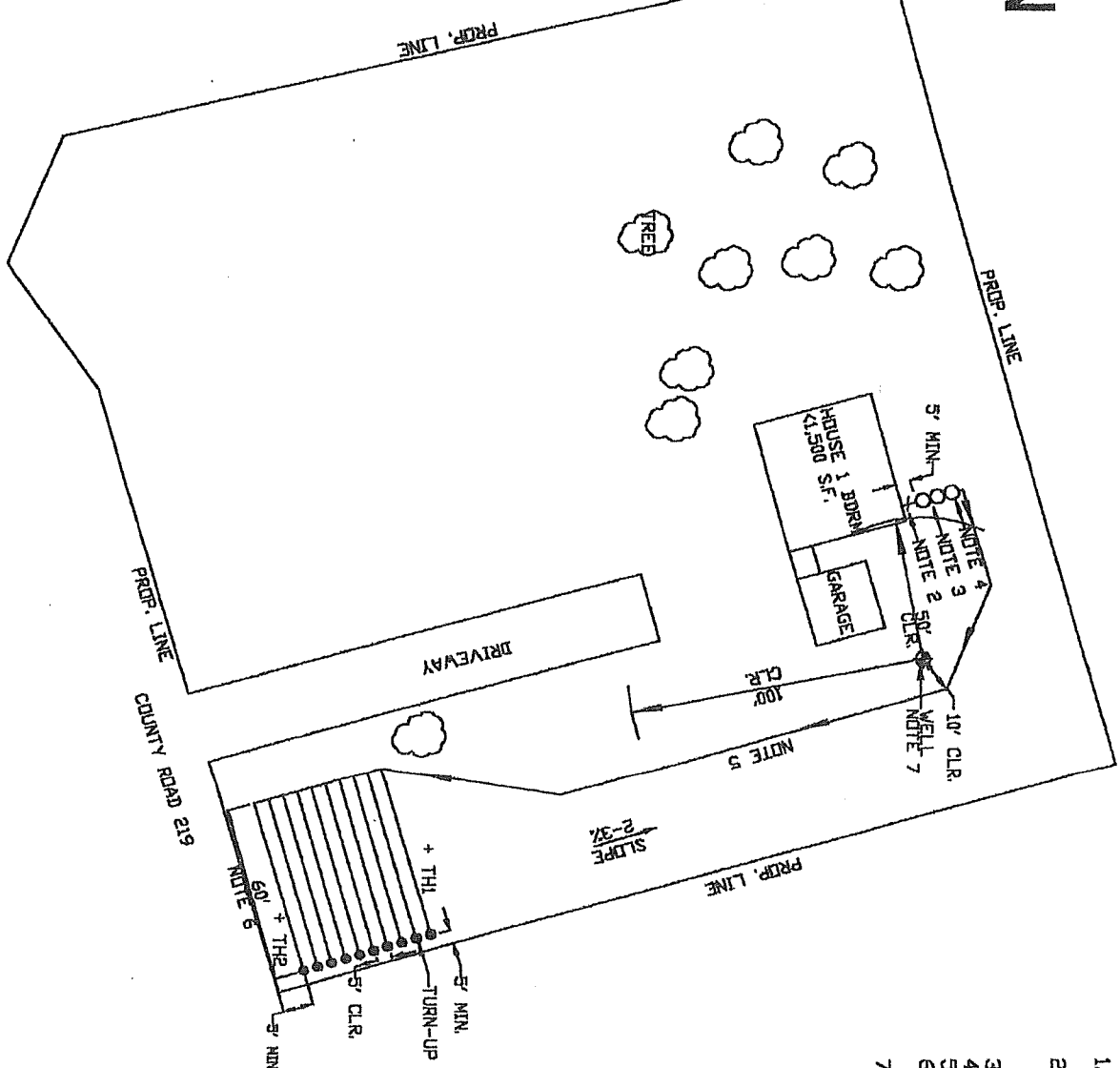
WEISHUHN ENGINEERING, INC.
906 MILAM P.O. BOX 358
COLUMBUS, TX 78934
(979)732-6997

LOW PRESSURE DOSE SYSTEM
FOR
JULEE FRENCH
C.R. 219
WEIMAR, TX
COLORADO COUNTY


 James W. Weishuhn
 5-25-07

1. THE SITE EVALUATION IS ATTACHED AND INDICATED THAT A LOW PRESSURE DOSE SYSTEM IS SUITABLE FOR THE PROPERTY.
2. HOUSE SIZE: 1 BDRM < 1,500 S.F. W/ WATER SAVINGS DEVICES
SYSTEM SIZE: 180 GPD & 140 MG/L BOD5.
3. SEPTIC TANK SIZE: 1,000 GAL.
4. WASTEWATER APPLICATION RATE (Rd) 0.1 GPD/SF FOR CLASS IV CLAY.
5. WASTEWATER APPLICATION AREA
AA = 0/Rd = 180 GPD/ 0.1 GPD/SF
AA = 1,800 SF
6. LOW PRESSURE DOSE LINE LENGTH
L=1,800 SF / 3 SF/LF
L=600 SF
7. PROVIDE 600' OF LOW PRESSURE LINES.
8. NUMBER OF 5/32" DIA. HOLES @ 5' C-C
NO. OF HOLES = 600'/5'=120 HOLES.
9. FLOW RATE PER HOLE @ 2' HEAD = 0.41 GAL./HOLE
10. TOTAL FLOW = 120 HOLES X 0.41 GPM/HOLE = 49 GPM
11. CALCULATE PRESSURE REQUIREMENTS
ELEVATION HEAD: 4'
LOW PRESSURE SYSTEM HEAD: 2'
PIPE FRICTION LOSS (2" DIA. X 305' @ 49 GPM) = 12X3.98/100X305'
PIPE FRICTION LOSS = 15'
TOTAL HEAD = 4'+2'+15'=21'
12. PUMP RATING: 49 GPM @ 21'
13. CALCULATE DOSE VOLUME
SUPPLY PIPE VOLUME = 314/4(2/12)X2X305X7.48=50 GAL.
LATERAL PIPE VOLUME = 314/4(1.25/12)X2X600X7.48 =38 GAL.
RECOMMENDED DOSE VOLUME= SUPPLY PIPE VOLUME+5X(LATERAL VOLUME+ =50 + 5X(38) = 240 SET DOSE = 180 GAL. FOR 1 DOSE PER DAY
14. PROVIDE CHECK VALVE ON PUMP BECAUSE PIPE VOLUME IS GREATER THAN 25 % OF DAILY FLOW
15. CALCULATE DOSE DEPTH ASSUME 500 GAL. PUMP TANK FROM WALLS CONCRETE (8.8 GAL./IN.) DOSE DEPTH = 180 GAL./8.8 GAL./IN. DOSE DEPTH = 21'
16. CALCULATE EMERGENCY VOLUME EMERGENCY VOLUME = 1/3 OF DAILY FLOW = 1/3 (49 GAL.) = 60 GAL.
17. CALCULATE EMERGENCY DEPTH EMERGENCY DEPTH = 60 GAL./8.8 GAL./IN. = 7'
18. SEPTIC TANK MUST BE > 50' FROM WELLS.
19. DISPOSAL FIELDS MUST BE > 100' FROM WELLS & > 10' FROM WATER DISTRIBUTION PIPING.
20. LANDSCAPE PLAN
GRADE DISPOSAL AREA SO THAT RAINWATER DOES NOT STAND OR POND.
21. CONSTRUCTION NOTES
A VEGETATED COVER MUST BE MAINTAINED ON THE DISPOSAL AREA, SEED WITH A COMBINATION OF RYE AND BERMUDA GRASS.
CONCRETE TANKS MUST BE CONSTRUCTED IN ACCORDANCE WITH ASTM C1227-93A.
THE HIGH LEVEL ALARM MUST BE INSTALLED ON A SEPARATE ELECTRICAL CIRCUIT.
22. THIS SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH TAC 285 FOR THE PURPOSES OF SECURING A PERMIT FOR CONSTRUCTION OF A 180 GPD AND 140 MG/L BOD, LOW PRESSURE DOSE SYSTEM. THERE IS NO PROCESS GUARANTEE OR WARRANTY FOR DESIGN SHOWN.
23. CONSERVATIVE WATER USAGE IS ENCOURAGED WITH ALL ON-SITE SEWAGE FACILITIES.

WEISHUHN ENGINEERING, INC.
 906 MILAM P.O. BOX 358
 COLUMBUS, TX 76934
 (979)732-6997



- NOTES**
- ENTIRE PROPERTY LIMITS NOT SHOWN
 - 4" SCH40 PVC @ 1/8"/FT. SLOPE W/ 2-WAY C.D. WITHIN 5' OF BUILDING
 - 500 GAL. SEPTIC TANK (TYP. 2)
 - 500 GAL. PUMP TANK
 - ~260'-2" SCH40 PVC
 - 1 1/4" SCH40 PVC V/ 5/32" DIA. HOLES @ 5' C.-C. (TYP. 10)
 - PROVIDE 50' CLR. BETWEEN SEPTIC TANKS & WELL. PROVIDE 100' CLR. BETWEEN DISPOSAL AREA & WELL.

James W. Weishuhn
5-25-07

JAMES W. WEISHUHN
69128
REGISTERED PROFESSIONAL ENGINEER
STATE OF TEXAS

FIGURE 1
LOW PRESSURE DISCHARGING SYSTEM
SITE PLAN

JULEE FRENCH
C.R. 219
WEINAR, TX
COLDRADO COUNTY

Velshuhn Engineering, Inc.
506 Hillan P.O. Box 358
Colurusus, Texas 78534
(972) 732-6997

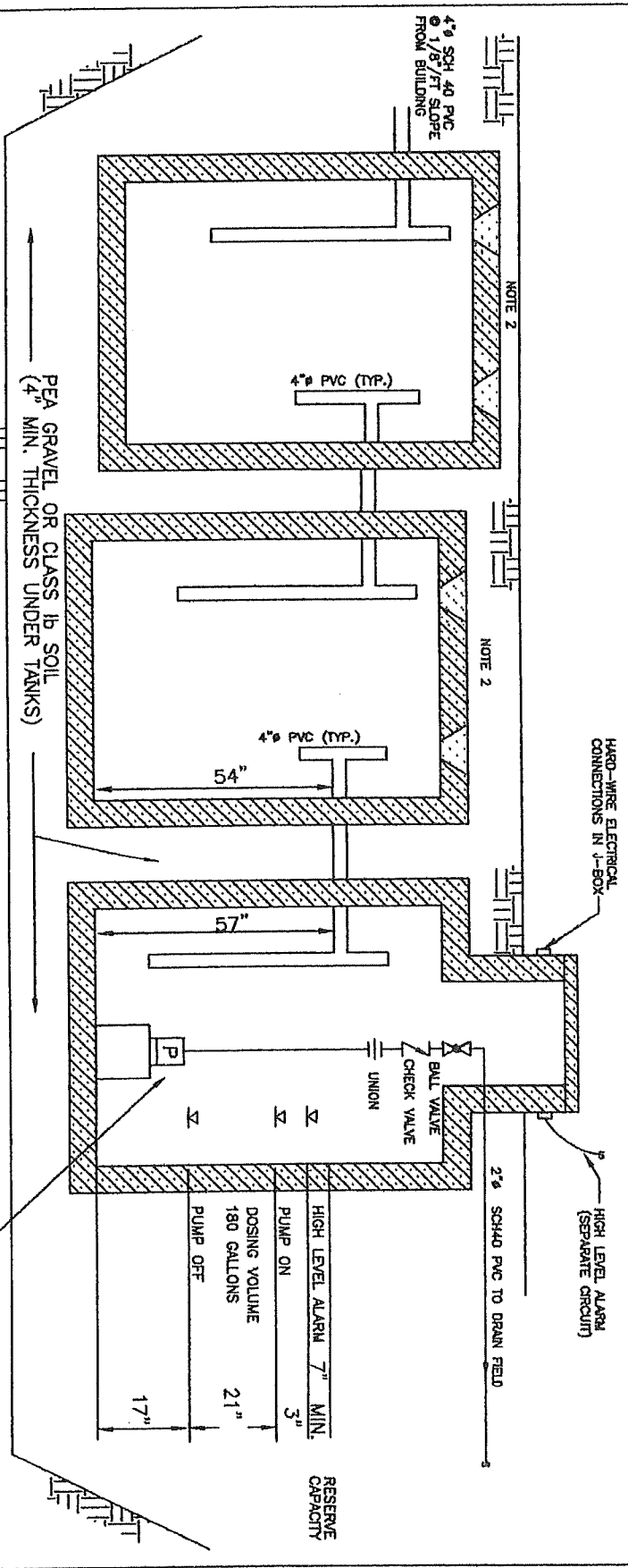
SCALE: 1"=80'

SHEET of

James W. Weishuhn
 5-25-07



REV	DESCRIPTION	DATE	APPROVED



PROPOSED SEPTIC TANK (500 GALLON, NOTES 1)

PROPOSED SEPTIC TANK (500 GALLON)

PROPOSED 500 GALLON PUMP TANK W/ 60 GALLON RESERVE CAPACITY ABOVE HIGH LEVEL ALARM 8.8 GAL./IN.

PUMP (49 GPM @ 21' TDH) ZOELLER N140 OR EQUAL 1 HP, 115/230 VOLT

NOTES

1. FIRST TANK MUST CONTAIN HALF OF TOTAL CAPACITY.
2. PROVIDE RISERS TO GROUND SURFACE IF DEPTH TO TOP OF TANK FROM GROUND SURFACE IS GREATER THAN 12".

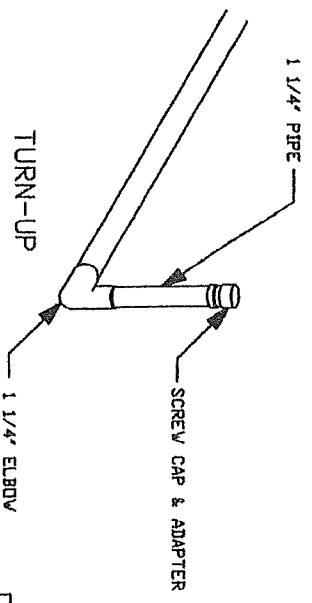
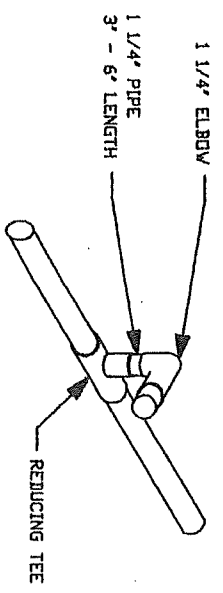
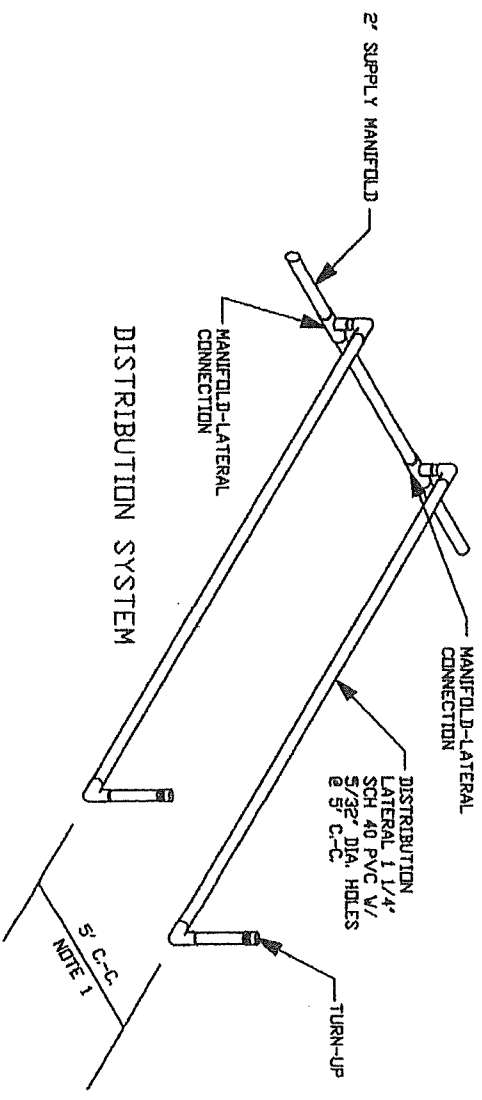
FIGURE 2
 TANK DETAILS
 JULEE FRENCH
 C.R. 219
 WEIMAR, TEXAS
 COLORADO COUNTY

Vadahan Engineering Inc
 20000 E. 1st Ave
 Suite 100
 Aurora, Colorado 80012
 (303) 742-6977

REV	DESCRIPTION	DATE	APPROVED

NOTES:

1. INSTALL LATERALS IN 6" WIDE BY 18" TO 24" DEEP TRENCHES PROVIDE 45° OF UNDISTURBED EARTH BETWEEN TRENCHES.
2. ALL PIPING IS SCH 40 PVC.



James W. Weishuhn
 5-25-07

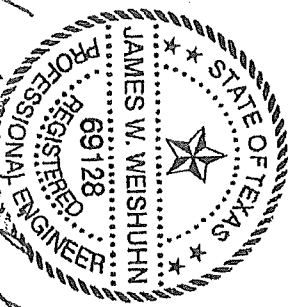
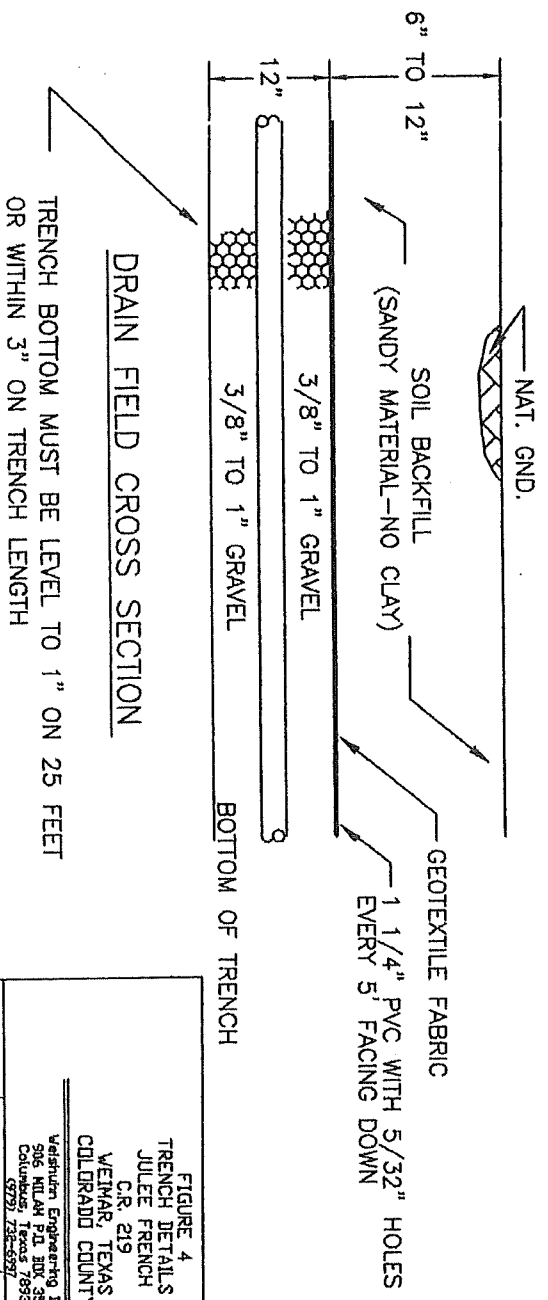
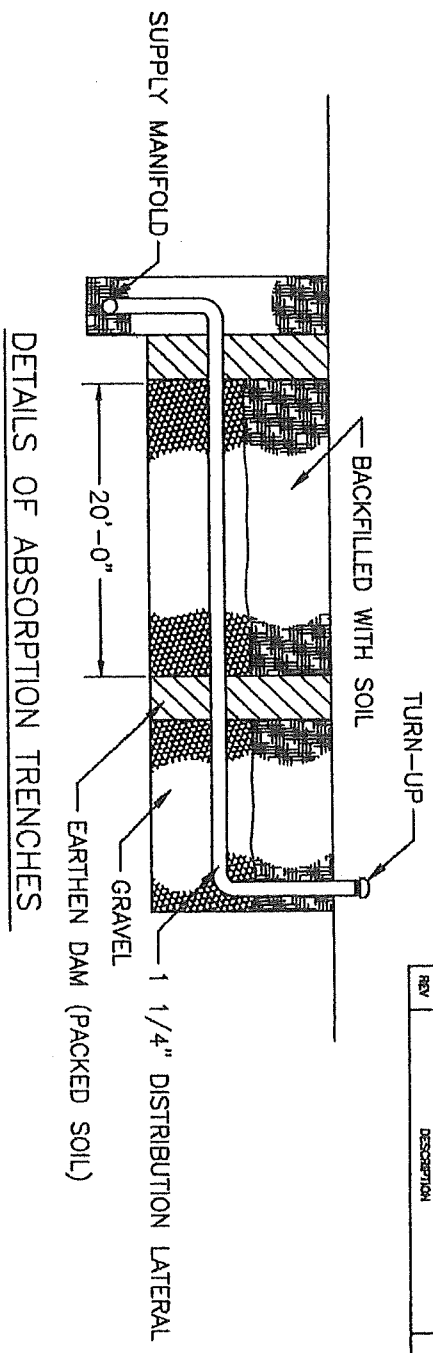


FIGURE 3
 LDV PRESSURE DISSING SYSTEM
 PIPING DETAILS
 JULEE FRENCH
 C.R. 219
 WEINAR, TX
 COLORADO COUNTY

Valerian Engineering Inc
 505 HILLMAN P.O. BOX 3369
 Coltonville, Texas 78934
 (727) 742-4597

James W. Weishuhn
 5-25-07

REVISIONS		
REV	DESCRIPTION	DATE



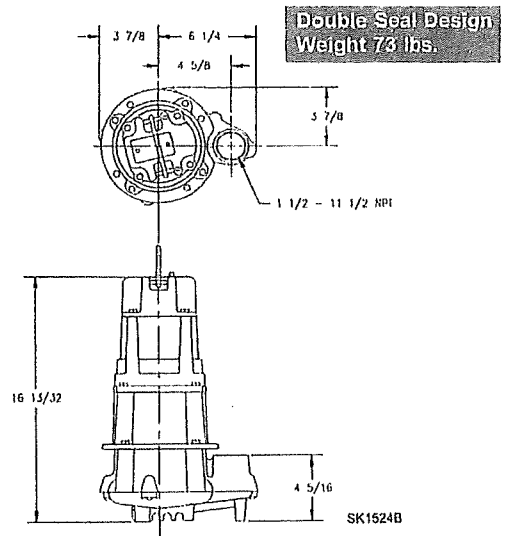
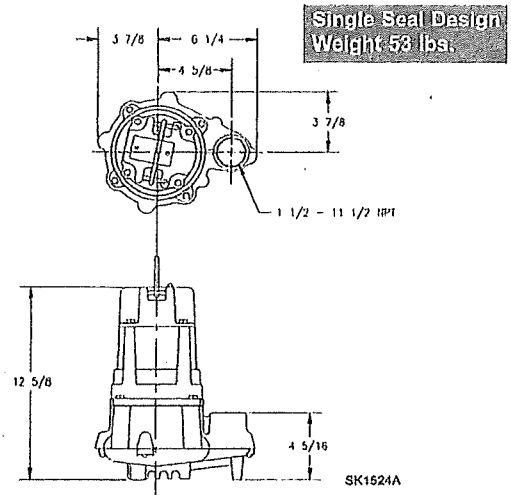
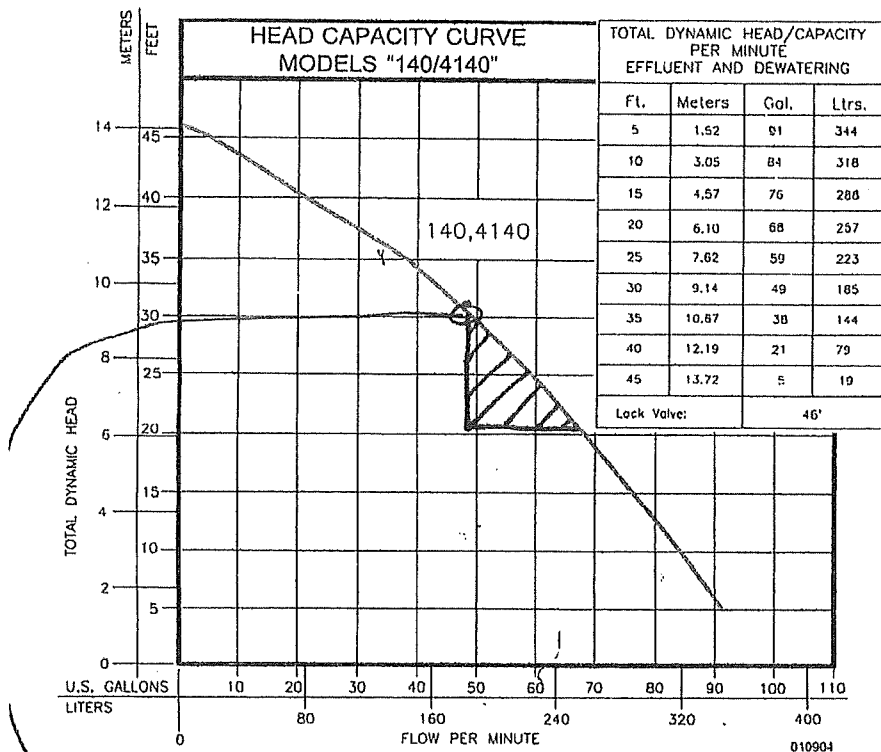
DRAIN FIELD CROSS SECTION

TRENCH BOTTOM MUST BE LEVEL TO 1" ON 25 FEET OR WITHIN 3" ON TRENCH LENGTH

FIGURE 4
 TRENCH DETAILS
 JULEE FRENCH
 C.R. 219
 WEIMAR, TEXAS
 COLORADO COUNTY

Weldment Engineering, Inc.
 206 W. Main St., Suite 300
 Colville, WA 99334
 Phone: (509) 735-6937

SCALE: NONE SHEET 1 of 1



→ Throttle pump to 49 GPM

CONSULT FACTORY FOR SPECIAL APPLICATIONS

- Electrical alternators, for duplex systems, are available and supplied with an alarm.
- Mechanical alternators, for duplex systems, are available with or without alarms.
- Control alarm systems are available for 1 phase pumps used in simplex system. See FM0732.
- Variable level control switches are available for controlling single phase systems.
- Double piggyback variable level float switches are available for variable level long cycle controls.
- Sealed Qwik-Box available for outdoor installations. See FM1420.
- Over 130°F. (54°C.) special quotation required.
- Refer to FM0806 for 200° F. applications.

SELECTION GUIDE

1. Single piggyback variable level float switch or double piggyback variable level float switch. Refer to FM0477.
2. Mechanical alternator M-Pak 10-0072 or 10-0075.
3. See FM0712 for correct model of Electrical Alternator E-Pak.
4. Variable level control switch 10-0225 used as a control activator, specify duplex (3) or (4) float system.

140 Series - 53 lbs. 4140 Series - 73 lbs.

140/4140** MODELS				Control Selection		
Model	Model	Volts-Ph	Mode	Amps	Simplex	Duplex
N140	N4140	115	1	Non	15.0	1 or 1 & 5
E140	E4140	230	1	Non	7.5	1 or 1 & 5
BN140	BN4140	115	1	Non	15.5	1 or 1 & 5
BE140	BE4140	230	1	Non	7.5	1 or 1 & 5

CAUTION

All installation of controls, protection devices and wiring should be done by a qualified licensed electrician. All electrical and safety codes should be followed including the most recent National Electric Code (NEC) and the Occupational Safety and Health Act (OSHA).

RESERVE POWERED DESIGN

For unusual conditions a reserve safety factor is engineered into the design of every Zoeller pump.



http://www.zoeller.com

ZOELLER
PUMP CO.

MAIL TO: P.O. BOX 16347
Louisville, KY 40256-0347
SHIP TO: 3649 Cane Run Road
Louisville, KY 40211-1961
(502) 778-2731 • 1 (800) 928-PUMP
FAX (502) 774-3624

Manufacturers of . . .

"QUALITY PUMPS SINCE 1939"

1624 Hodde Lane
 Gota
 Weimar, TX 78766

COLORADO COUNTY OSSF SOIL EVALUATION FORM

Owner's Name Julee French
 Physical Address C.R. 219
 Name of Site Evaluator James W. Weishuhn Registration Number 12109
 Date Performed 5-11-07 Proposed Excavation Depth 18"

- At least two soil evaluations must be performed on the site, at opposite ends of the proposed disposal area. Please show the results of each soil evaluation on a separate table. Locations of soil evaluations must be shown on the site drawing.
- For subsurface disposal, soil evaluations must be performed to a depth of at least 2 ft. below the proposed excavation depth. For surface disposal, the surface horizon must be evaluated.
- Please describe each soil horizon and identify any restrictive features in the space provided below. Draw lines at the appropriate depths.

SOIL EVALUATION				
Soil Boring Number	TH 1	Profile	Soil Texture	Gravel Present
		Depth		Restrictive Horizon
		0" ↑	I _b	No
		6" ↓		
		60" ↓	IV	Yes No
60 Inch Minimum Depth or to a restrictive horizon whichever is less				

SOIL EVALUATION				
Soil Boring Number	TH 2	Profile	Soil Texture	Gravel Present
		Depth		Restrictive Horizon
		0" ↓	I _b	No
		12" ↓		
		60" ↓	IV	Yes ← 5% →
60 Inch Minimum Depth or to a restrictive horizon whichever is less				

Note: TEXTURES: Sand/greater than 30% Gravel; Sand/30% or less Gravel; Sand; Loamy Sand; Sandy Loam; Loam; Silt; Silt Loam; Sandy Clay Loam; Clay Loam; Silty Clay Loam; Sandy Clay; Silty Clay; Clay.
 STRUCTURES: Massive; Blocky; Platy

COLORADO COUNTY OSSF Soil Evaluation Form

TOPOGRAPHY

SLOPE: UNDER 2% _____ 2% to 30% 2-3% GREATER THAN 30% _____

Note: If slope is FLAT, provisions shall be made to insure good surface drainage of rainfall or runoff from covering the soil absorption field. Slopes greater than 30% are unsuitable.

VEGETATION: GRASS/BRUSH _____ LIGHTLY WOODED _____ HEAVILY WOODED _____

DRAINAGE: POOR _____ ADEQUATE GOOD _____

GROUND WATER

Yes _____

No

Depth _____ inches

FLOOD HAZARD

100 Year Floodplain _____

Floodway _____

Outside the 500 Year Floodplain

MINIMUM SEPARATION DISTANCES

Public Water Wells N/A
Private Water Well 50' CLR. Tanks/100' CLR. Drainfield
Streams, Ponds, Lakes, Rivers 75' min.
Surface Improvements 5' Min.
Easements 5' Min.
Other Structures 5' Min.

Public Water Supply Lines 10' Min.
Pressure Cemented or Grouted
Foundations & Buildings 5' Min.
Property Lines
Swimming Pools 25' Min.
Sharp Slopes, Breaks 25' Min.

TYPE OF SYSTEM REQUIRED: OTHER
Low Pressure Dose Q=180 gpd
Class IV soils 10-60' lines

NAME OF SITE EVALUATOR: James W. Weiskuhn
REGISTRATION NUMBER: 12109
Seal if applicable

ADDRESS: 906 Milam P.O. Box 358
Columbus, Texas 78934

I certify that the above statements are true and are based on my own field observations.

Signature James W. Weiskuhn

Date 5-11-07