

10Am

TARRANT REGIONAL WATER DISTRICT

140 FM 416, Streetman, Texas 75859

903-389-3928

Fax # 903-389-7587

TRWD USE ONLY

RC1203103
APPLICATION NO.

5104

RECEIPT NO. 12-4-03

DATE

\$200.00
AMOUNT

APPLICATION FOR ON-SITE SEWAGE FACILITY

Richland-Chambers
TRWD RESERVOIR
Navarro County
COUNTY OF INSTALLATION

- PROPERTY OWNER'S NAME: Love Janet L.
(LAST) (FIRST) (MIDDLE)
- PERMANENT MAILING ADDRESS: 3009 Huntington Ct. Wrayhachie TX 75165
(STREET/PO BOX) (CITY/STATE) (ZIP)
- TELEPHONE NO. DURING DAY: (214) 364-0611
- SITE ADDRESS: 269 Jackson Circle, Kerens, TX. 75144
(STREET) (CITY/STATE) (ZIP)
- PROPERTY DESCRIPTION: LOT NO. 41 BLOCK Phase II SEC. 1.4 SIZE 1.4 SQ.FT. Survey Hearn - yes
- SUBDIVISION: Sweetwater Ranch Acreage 1.4 Survey Hearn - yes
- SOURCE OF WATER: Private Well Public Water Supply Chatfield
(NAME OF SUPPLIER)
- SINGLE FAMILY RESIDENCE: No. of Bedrooms 3 Living Area (sq. ft.) 3955
- DESIGNED MAXIMUM DAILY WATER CONSUMPTION (gpd): 300
- COMMERCIAL/INSTITUTIONAL (including multi-family residences) TYPE: n/a
- NO. OF EMPLOYEES/OCCUPANTS/UNITS: n/a DAYS OCCUPIED PER WEEK: n/a
- DESIGNED MAXIMUM DAILY WATER CONSUMPTION (gpd): n/a
- IS AN ORGANIZED SEWAGE COLLECTION WITHIN 300 FEET? Yes No
- DESIGNER: Will Hill LICENSE NO.: 1361
- PHONE NO.: 903 874 63945
- INSTALLER: Perry Richner REGISTRATION NO.: 053111
- PHONE NO.: 903 874 6006

I certify that the above statements are true and correct to the best of my knowledge. Authorization is hereby given to the Tarrant Regional Water District to enter upon the above described private property for the purpose of lot evaluation and inspection of on-site sewerage facilities. I understand that the approval of this application constitutes authorization for construction of the on-site sewerage facility and that a permit to operate the facility will be granted following successful inspection of the installed system which indicates that the system was installed in compliance with TCEQ'S On-Site Sewage Facility Rules (OSSF) and the District's Waste Control Order.

Janet L. Love
(SIGNATURE OF OWNER)
Charlitta Smith
(SIGNATURE OF AUTHORIZED DISTRICT REPRESENTATIVE)

11-26-03
(DATE)
12-4-03
(DATE)

TARRANT REGIONAL WATER DISTRICT
140 FM 416, Streetman, Texas 75859
903-389-3928

AUTHORIZATION TO CONSTRUCT
AN
ON-SITE SEWAGE FACILITY

Application Number RC 1203103
Property Owner Janet L. Love
Mailing Address 3009 Huntington Ct.
 Waxahachie, Texas 75144
Property Location Lot 41 Sweetwater Ranch II
 269 Jackson Circle
 Kerens, Texas 75144

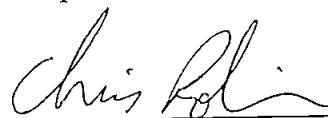
 Navarro County, Texas

This serves to notify all persons that an on-site sewerage facility application, related technical data, and the appropriate fee have been received by the Tarrant Regional Water District (District) from the property owner. The application has been reviewed for technical and administrative consideration against the standards set forth by the District. Approval is hereby granted for the construction as shown on the submitted plans.

Any modifications to submitted plans require approval by the Tarrant Regional Water District prior to installation.

You or your installer must contact the District office at 903-389-3928 between 7:30 A.M. to 8:30 A.M. to arrange for the required facility inspection. Calls after 8:30 A.M. may result in inspection being delayed until the next working day. The authorization to construct is valid for one year from the date of issue of an application. If a final inspection has not been performed within one year of issue, a new application and fee will be required.

Comments: The following design is based upon the minimum standards set forth by the Texas Commission on Environmental Quality and is based on a maximum daily flow of 300 gallons, the use of water saving devices is required.



Authorized District Representative

OS-8058

12-22-03

Date

TARRANT REGIONAL WATER DISTRICT

140 FM 416, Streetman, Texas 75859

903-389-3928

NOTICE OF APPROVAL
OF
ON-SITE SEWAGE FACILITY

PERMIT # RC 1203103

Property Owner Janet Love

Mailing Address 3009 Huntington Ct.

Waxahachie, Texas 75144

Property Location Lot 41 Sweetwater Ranch II

Navarro County, Tx.

This serves to notify all persons that the on-site sewage facility owned by the above has satisfied design, construction, and installation requirements of the Texas Commission on Environmental Quality (TCEQ) and the District Waste Control Order. This Tarrant Regional Water District On-Site Sewage Facility Permit is issued for the operation of the above identified on-site sewage facility.

ANY MODIFICATIONS TO THE SYSTEM STRUCTURE, OR ITS COMPONENTS, MAY REQUIRE A NEW PERMIT. The owner must notify this office of the aforementioned changes.

ADDITIONAL INFORMATION:

Chris Boler OS-8058
Authorized District Representative

12-23-03
Date

TARRANT REGIONAL WATER DISTRICT

140 FM 416, Streetman, Texas 75859
903-389-3928

ON-SITE SEWAGE FACILITY PROGRAM
LOW PRESSURE PIPE SYSTEM
INSPECTION REPORT

PROPERTY OWNER: Janet Love	PERMIT NUMBER: RC 1203103
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I. SEWER	Y	N
CLEANOUTS PROPERLY INSTALLED:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
PROPER TYPE PIPE FROM STRUCTURE TO DISPOSAL SYSTEM:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SLOPE OF SEWER 1/8 INCH PER FOOT MINIMUM:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
II. SEPTIC TANK	Y	N
TANK SIZE REQUIRED: 1,250 gal. TANK SIZE INSTALLED: 1750 1750	**	**
TYPE: Concrete MANUFACTURER: Ellison	**	**
RISERS PROVIDED ON TANKS BURIED GREATER THAN 12":	<input checked="" type="checkbox"/>	<input type="checkbox"/>
INLET FLOWLINE GREATER THAN 3" ABOVE OUTLET FLOWLINE:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
OUTLET LIQUID PENETRATION 1/4 TO 1/2 TOTAL LIQUID DEPTH:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
"T" PROVIDED ON INLET AND OUTLET:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
IF SINGLE TANK, ARE 2 COMPARTMENTS PROVIDED?		N/A
III. PUMP TANK	Y	N
TANK SIZE REQUIRED: 500 gal TANK SIZE INSTALLED: 500 GAL	**	**
TYPE: Concrete MANUFACTURER: Ellison	**	**
TYPE AND SIZE OF PUMP: Grundfos AP-12 1/2 HP	**	**
IV. DRAINFIELD	Y	N
LATERAL LINE SIZE: <input checked="" type="checkbox"/> 1" PVC <input type="checkbox"/> 1 1/4" PVC <input type="checkbox"/> 1 1/2" PVC <input type="checkbox"/> OTHER SPECIFY _____	**	**
SUPPLY LINE DIAMETER: 2 in	**	**
MANIFOLD DIAMETER: 2 in	**	**
AREA REQUIRED: 2340 sqft AREA INSTALLED: 2340 ft ²	**	**
EXCAVATION DEPTH: 24 in WIDTH: 8 in LENGTH: 780 ft	**	**
DISTANCE BETWEEN EXCAVATIONS: 3.5 ft	**	**
PROPER PLACEMENT OF DAMS	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TYPE OF MEDIA: B Rock	**	**
DEPTH OF MEDIA: 12 in	**	**
PROPER BARRIER BETWEEN MEDIA AND BACKFILL:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
RISERS INSTALLED FOR HEAD PRESSURE ADJUSTMENT:	<input checked="" type="checkbox"/>	<input type="checkbox"/>
DATE HEAD PRESSURE WAS SET: _____	**	**
ZONES INSTALLED PROPERLY. YES HOW MANY? 1	**	**
PROPER CONTROL VALVES INSTALLED. YES HOW MANY? 1	**	**
MINIMUM REQUIRED SETBACK DISTANCES MET? IF NOT, LIST DEFICIENCIES.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AUDIO/VISUAL ALARMS INSTALLED:	<input checked="" type="checkbox"/>	<input type="checkbox"/>

COMMENTS: _____

INSPECTED BY: C. Robinson OS-8058 DATE: 12-23-03



BUILDING PERMIT

COUNTY OF NAVARRO, TEXAS

No 0735

JOB ADDRESS		269 Jackson Cr. Kerens 75144		APPLICANT ADDRESS
LOT NO.	BLK.	SUBDIVISION		
41		Sweetwater Ranch Ph. II 922-		
OWNER	ADDRESS		PHONE	
Janet + Carroll Lane		1916 Wooddale Cr. Cedar Hill 75104 291-3775		
CONTRACTOR	ADDRESS		PHONE	
Joel + Dana McDowell		Waxahachie		
ELECTRICAL	ADDRESS		PHONE	
sub				
PLUMBING	ADDRESS		PHONE	
sub				
MECHANICAL	ADDRESS		PHONE	
sub				
USE OF BUILDING				
residential				
CLASS OF WORK: <input checked="" type="checkbox"/> NEW <input type="checkbox"/> ADDITION <input type="checkbox"/> ALTERATION <input type="checkbox"/> REPAIR <input type="checkbox"/> DEMOLISH				
DESCRIBE WORK: build new home				
TYPE OF CONST.		SQ. FT.	NO. OF STORIES	
brick + stone		3955	2	
NO. OF ROOMS	NO. OF BATHS	FOUNDATION		
3 BR	3 1/2	concrete		
ROOF	SPRINKLERS REQUIRED	PARKING SPACES		
comp.	-	-		
NO. OF DWELLING UNITS	ZONING	OCCUPANCY GROUP		
1	SF	SF		
NOTICE		I HEREBY CERTIFY THAT I HAVE READ AND EXAMINED THIS APPLICATION AND KNOW THE SAME TO BE TRUE AND CORRECT. ALL PROVISIONS OF LAWS AND ORDINANCES GOVERNING THIS TYPE OF WORK WILL BE COMPLIED WITH WHETHER SPECIFIED HEREIN OR NOT. THE GRANTING OF A PERMIT DOES NOT PRESUME TO GIVE AUTHORITY TO VIOLATE OR CANCEL THE PROVISIONS OF ANY OTHER STATE OR LOCAL LAW REGULATING CONSTRUCTION OR THE PERFORMANCE OF CONSTRUCTION.		
THIS PERMIT BECOMES NULL AND VOID IF WORK OR CONSTRUCTION AUTHORIZED IS NOT COMMENCED WITHIN 6 MONTHS, OR IF CONSTRUCTION OR WORK IS SUSPENDED OR ABANDONED FOR A PERIOD OF 1 YEAR AT ANY TIME AFTER WORK IS COMMENCED.		SIGNATURE: Janet Lane		
THE ISSUANCE OF THIS PERMIT SHOULD NOT BE CONSTRUED BY ANY PERSON AS AN APPROVAL OF BUILDING OR CONSTRUCTION TECHNIQUES, METHODS, OR MATERIALS.		VALUATION: \$ 217,525.00 PERMIT FEE \$ 530.40		
		APPROVED FOR ISSUANCE BY: Vicki Lennon DATE: 2-11-03		
SPECIAL CONDITIONS:				
THIS BECOMES YOUR PERMIT WHEN APPROVED FOR ISSUANCE				

**ON-SITE SEWAGE FACILITY
SOIL SURVEY REPORT INFORMATION**

Property Owner's Name Janet Love

Mailing Address 269 Jackson Circle

City, State, Zip Kerens, TX

Site Location 269 Jackson Circle; Sweetwater Ranch

County Navarro

(FOR HOLE #1)

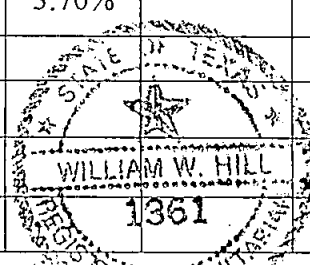
DEPTH	TEXTURE	CLASS	STRUCTURE	WATER TABLE	SLOPE 0-30%	* SOIL SERIES	* SOIL ABSORPTION
in.	i.e. Loamy Sand, Sandy Loam, Loam, Silty Clay Loam, Sandy Clay, or Clay.	per USDA Chart i.e. Ia, Ib, II, III, or IV	Only if soil is a Class III i.e. Blocky, Platy, or Massive	PRESENT Yes / No	Maximum of overall drainfield	per County Soil Survey i.e. "Bowie"	LIMITATION RATING i.e. Fair, Moderate, Severe
00 - 16	Clay	IV		No	3.70%		Severe
16 - 30	Clay Loam	III		No			Moderate
30 - 36	Sandy Loam	II		No			Fair

* This can be found in the County Soil Survey entitled "Sanitary Facilities" (optional)

THE MOST RESTRICTIVE SOIL CLASS FOUND ONE FOOT BELOW THE DEPTH OF THE PROPOSED INSTALLATION IS: CLASS III [Note Class Ia & IV are unsuitable for standard disposal systems]

(FOR HOLE #2)

DEPTH	TEXTURE	CLASS	STRUCTURE	WATER TABLE	SLOPE 0-30%	* SOIL SERIES	* SOIL ABSORPTION
in.	i.e. Loamy Sand, Sandy Loam, Loam, Silty Clay Loam, Sandy Clay, or Clay.	per USDA Chart i.e. Ia, Ib, II, III, or IV	Only if soil is a Class III i.e. Blocky, Platy, or Massive	PRESENT Yes / No	Maximum of overall drainfield	per County Soil Survey i.e. "Bowie"	LIMITATION RATING i.e. Fair, Moderate, Severe
00 - 12	Clay	IV		No	3.70%		Severe
12 - 36	Clay Loam	III		No			Moderate



* This can be found in the County Soil Survey entitled "Sanitary Facilities" (optional)

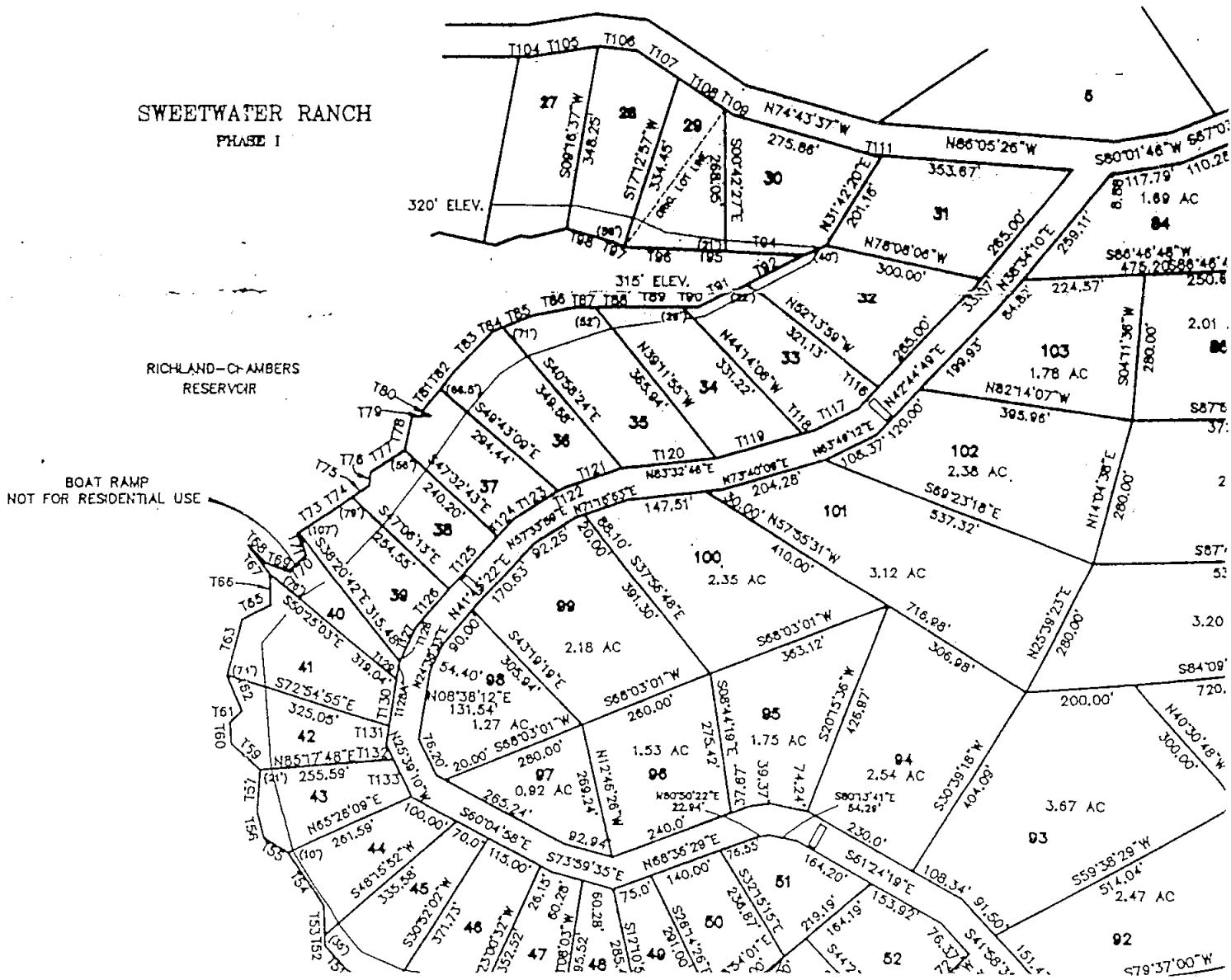
THE MOST RESTRICTIVE SOIL CLASS FOUND ONE FOOT BELOW THE DEPTH OF THE PROPOSED INSTALLATION IS: CLASS III [Note: Class Ia & IV are unsuitable for standard disposal systems]

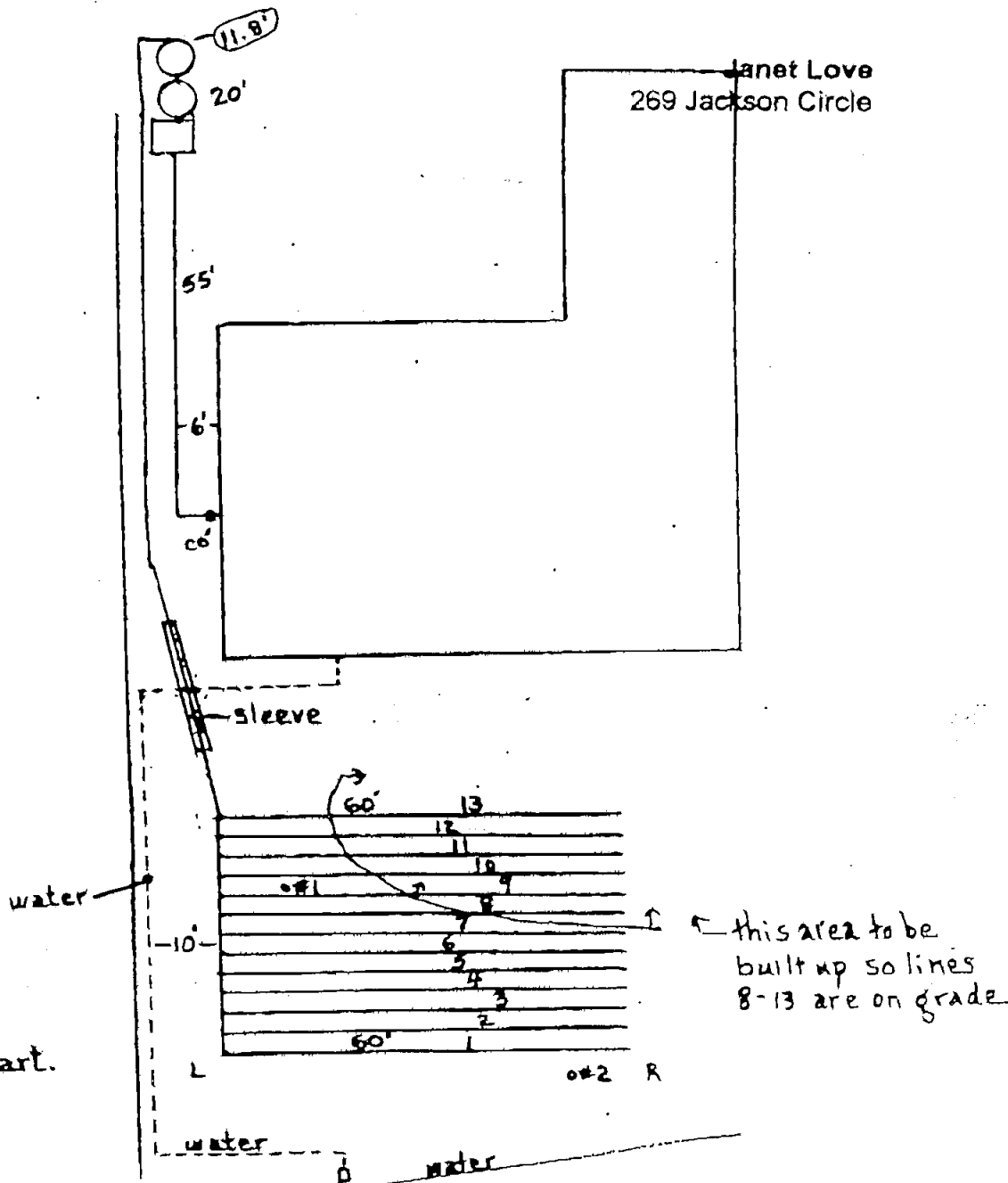
EVALUATION PERFORMED BY: William Hill Registered Sanitarian.

DATE OF SOIL SURVEY: 29 December 2003 CERTIFICATION NO: OS7622

Sweetwater Ranch Ph. II

SWEETWATER RANCH PHASE I



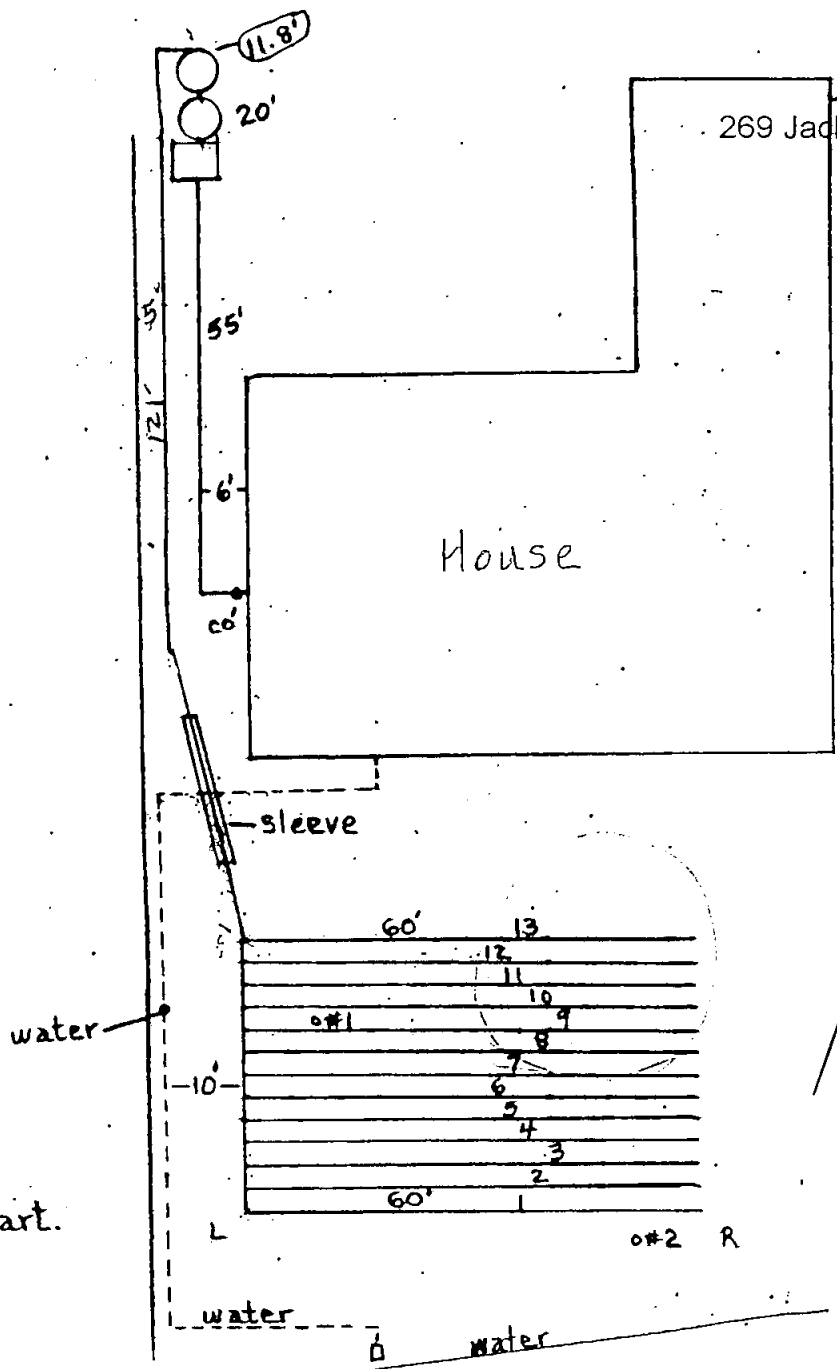


All lines 3' apart.

	L	R
1	5.1	5.4
2	5.1	5.5
3	5.3	5.5
4	5.6	5.4
5	5.8	5.8
6	5.9	6.2
7	6.0	6.4
8	5.9	6.7
9	6.0	7.0
10	6.0	7.3
11	6.1	7.5
12	6.2	7.8
13	6.5	7.8

William Hill
20 Dec '03

Janet Love
269 Jackson Circle



All lines 3' apart.

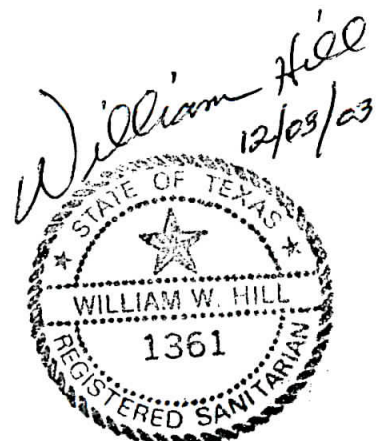
	L	R	Diff
1	5.1	5.4	
2	5.1	5.5	
3	5.3	5.5	
4	5.6	5.4	
5	5.8	5.8	
6	5.9	6.2	
7	6.0	6.4	
8	5.9	6.7	0.8
9	6.0	7.0	1.0
10	6.0	7.3	1.3
11	6.1	7.5	1.4
12	6.2	7.8	1.6
13	6.5	7.8	1.3

William Hill
12/01/23

STATE OF TEXAS
WILLIAM W. HILL
REGISTERED SANITARIAN
1361

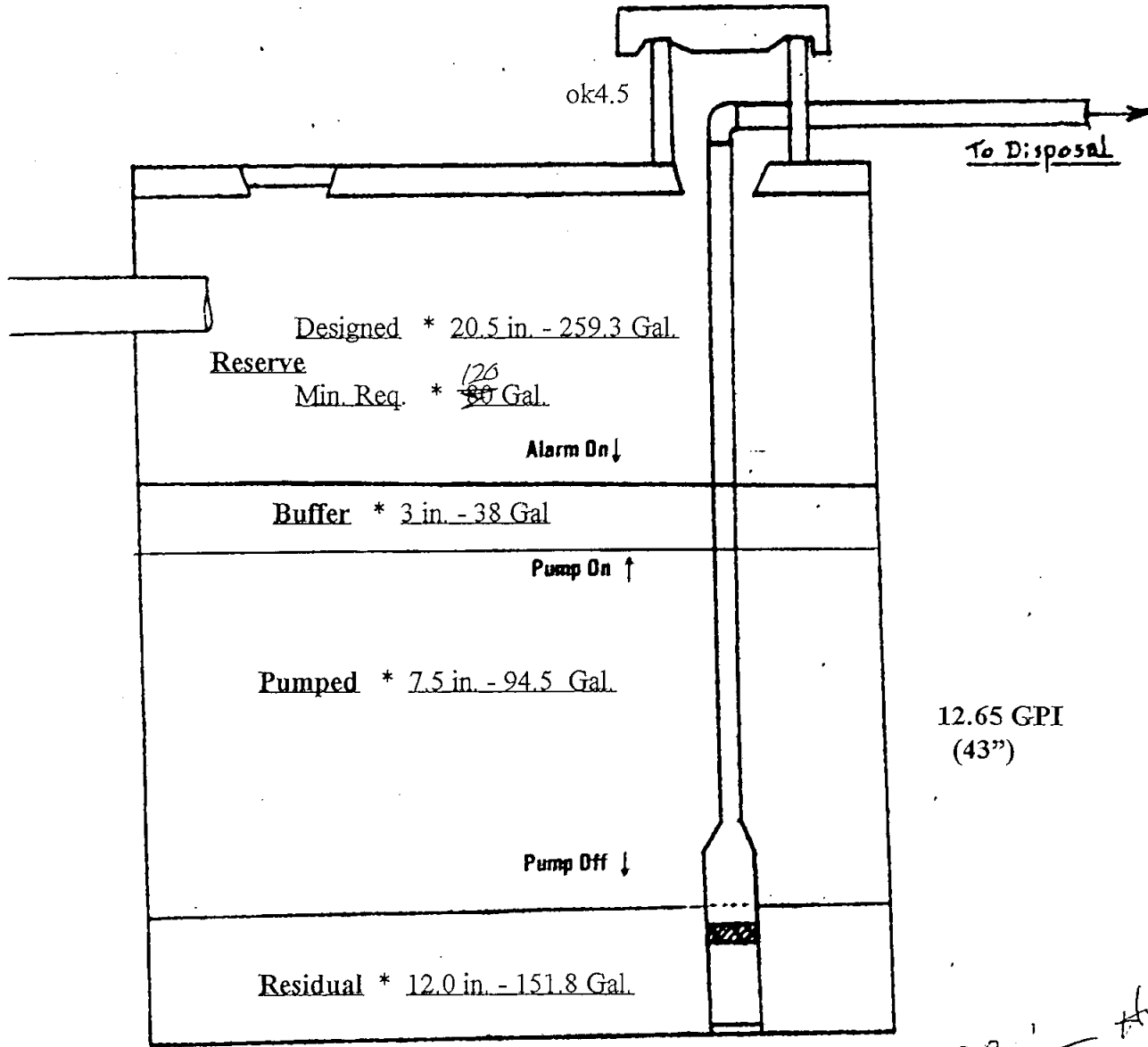
Janet Love * 269 Jackson Circle * Sweetwater Ranch

Daily Waste Flow	360 gal./day
Septic Tank Size	1250 gal.
Pumping Tank Size	500 gal.
Effluent Loading Rate	0.2 gal./ sq. ft./day
Absorption Area	2340 sq. ft.
Total Length of laterals	780 ft.
Lateral Diameter	1 in. sch. 40
Lateral Configuration & Hole Spacing	see attached diagram
Supply Line Length	157 ft.
Supply Line Diameter	2 in. sch. 40
Manifold Placement	End
Hole Size	1/8 in.
Number of Holes	113
Flow per Hole	see attached chart
Total Flow	29.9 GPM
Elevation Head	11.7 ft.
Friction Head	2.9 ft.
Pressure Head	1.5 ft.
Total Head	16.1 ft.
Pump Requirements	30.0 gpm. @ 16.1 ft. head
Suggested Pumps	Barnes BP314 1/3HP Grundfos AP12 1/2 HP
Storage Volume in Laterals	32.0 gal.
Storage Volume in Supply	25.4 19.6 gal.
Total Storage	57.4 51.6 gal.
Dosing Volume	95.0 gal.
Dosing Depth	7.5 in.
Check Valve Needed?	YES
Anti-Siphon Hole Needed?	NO
Approximate Quantity of Rock	20 yds.
Effluent Filter Recommended	Zabel A1800
	YES



500 Gal. Concrete
Ellison Concrete
240 Gal./Day

Janet Love
269 Jackson Circle
Sweetwater Ranch



William Hill
12/01/03

A circular professional seal for William W. Hill, Registered Sanitarian, State of Texas. The seal features a five-pointed star in the center, surrounded by the text 'STATE OF TEXAS' and 'REGISTERED SANITARIAN'. Below the star, the name 'WILLIAM W. HILL' and the number '1361' are printed.

Must have visual and audible alarms.