

TARRANT REGIONAL WATER DISTRICT

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

***AUTHORIZATION TO CONSTRUCT
AN
ON-SITE SEWAGE FACILITY***

Application Number RC07-014

Property Owner John Moody

Mailing Address 711 Stoney Brook Dr.
Wylie, Texas 75098-4091

Property Location Lot 10 Francisco Bay I
3229 Francisco Bay Dr.
Kerens, Texas 75098

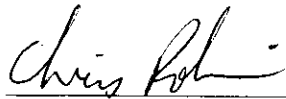
Navarro County, Texas

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 240 gallons, the use of water saving devices is required.



Authorized District Representative

OS-8058

03-19-07

Date

TARRANT REGIONAL WATER DISTRICT

140 FM 416, Streetman, Texas 75859

903-389-3928

Fax # 903-389-7587

TRWD USE ONLY

RC07-014

APPLICATION NO.

APPLICATION FOR ON-SITE
SEWAGE FACILITY

9905

RECEIPT NO.

3-1-07

DATE

200.00

AMOUNT

Richland Chambers

TRWD RESERVOIR

Navarro

COUNTY OF INSTALLATION

1. PROPERTY OWNER'S NAME: Moody John
(LAST) (FIRST) (MIDDLE)
2. PERMANENT MAILING ADDRESS: 711 Stoney Brook Dr., Wylie, TX 75098-
(STREET/PO BOX) (CITY/STATE) (ZIP) 4091
3. TELEPHONE NO. DURING DAY: (972) 494-3545
4. SITE ADDRESS: 3229 Francisco Bay Dr, Kerens, TX 75098
(STREET) (CITY/STATE) (ZIP)
5. PROPERTY DESCRIPTION: LOT NO 10 BLOCK II SEC I SIZE N/A SQ. FT.
SUBDIVISION: Francisco Bay I Acreage .73 Survey Procell A-636
6. SOURCE OF WATER: Private Well ☒ Public Water Supply Chatfield
(NAME OF SUPPLIER)
7. SINGLE FAMILY RESIDENCE: No. of Bedrooms 3 Living Area (sq. ft.) 2354
DESIGNED MAXIMUM DAILY WATER CONSUMPTION (gpd): 240
8. 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
9. IS AN ORGANIZED SEWAGE COLLECTION WITHIN 300 FEET? Yes ☒ No
10. DESIGNER: William Hill LICENSE NO.: 1361
PHONE NO.: 903-879-5058
11. INSTALLER: Perry Richter REGISTRATION NO.: 05000311
PHONE NO.: 903-879-2432

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.

(SIGNATURE OF OWNER)

(DATE)

(SIGNATURE OF AUTHORIZED DISTRICT REPRESENTATIVE)

(DATE)

BUILDING PERMIT

COUNTY OF NAVARRO, TEXAS

JOB ADDRESS <u>3201 E. 1st St. Apt. 101</u>		
LOT NO <u>111</u>	BLK. <u>1</u>	SUBDIVISION <u>1st Addition to Block 1</u>
OWNER <u>Mr. & Mrs. J. M. Smith</u>	ADDRESS <u>3201 E. 1st St. Apt. 101</u>	PHONE <u>555-1234</u>
CONTRACTOR <u>ABC Construction Co.</u>	ADDRESS <u>123 Main St.</u>	PHONE <u>555-5678</u>
ELECTRICAL <u>None</u>	ADDRESS <u></u>	PHONE <u></u>
PLUMBING <u>None</u>	ADDRESS <u></u>	PHONE <u></u>
MECHANICAL <u>None</u>	ADDRESS <u></u>	PHONE <u></u>
USE OF BUILDING <u>Residential</u>		
CLASS OF WORK: <input type="checkbox"/> NEW <input type="checkbox"/> ADDITION <input type="checkbox"/> ALTERATION <input type="checkbox"/> REPAIR <input type="checkbox"/> DEMOLISH		
DESCRIBE WORK: <u>Remodeling of kitchen and bathroom</u>		

TYPE OF CONST. <u>Remodel</u>	SQ. FT. <u>1,200</u>	NO. OF STORIES <u>1</u>
NO. OF BEDROOMS <u>2</u>	NO. OF BATHS <u>1</u>	FOUNDATION <u>Concrete</u>
ROOF <u>Asphalt/Flt.</u>	SPRINKLERS REQUIRED <u>None</u>	PARKING SPACES <u>1</u>
NO. OF DWELLING UNITS <u>1</u>	ZONING <u>Residential</u>	OCCUPANCY GROUP <u>Single-Family</u>

NOTICE

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.

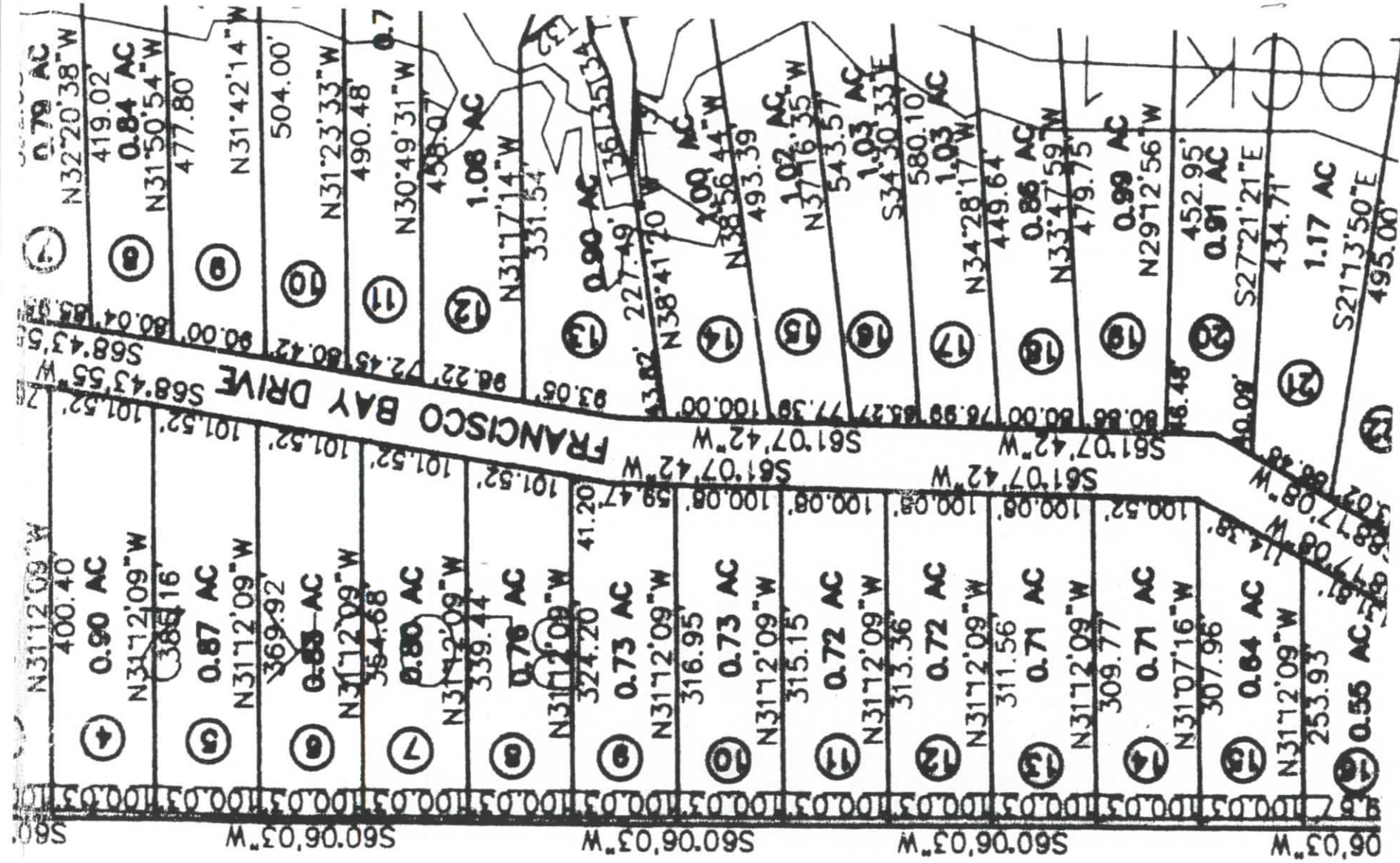
THE ISSUANCE OF THIS PERMIT SHOULD NOT BE CONSTRUED BY ANY PERSON AS AN APPROVAL OF BUILDING OR CONSTRUCTION TECHNIQUES, METHODS, OR MATERIALS.

I HEREBY CERTIFY THAT I HAVE READ AND EXAMINED THIS APPLICATION AND KNOW THE SAME TO BE TRUE AND CORRECT. ALL PROVISIONS OF LAW 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 OF LOCAL LAW REGULATING CONSTRUCTION OR THE PERFORMANCE OF CONSTRUCTION.

SIGNATURE <u>[Signature]</u>	
VALUATION \$ <u>10,000</u>	PERMIT FEE \$ <u>500</u>
APPROVED FOR ISSUANCE BY: <u>[Signature]</u>	DATE <u>10/1/2023</u>

SPECIAL CONDITIONS

THIS BECOMES YOUR PERMIT WHEN APPROVED FOR ISSUANCE



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

Property Owner's Name John Moody

Mailing Address 711 Stoney Brook Dr.

City, State, Zip Wylie, Tx

Site Location 3229 Francisco Bay Dr.

County Navarro

(FOR HOLE #1)

DEPTH	TEXTURE	CLASS	STRUCTURE	WATER TABLE	SLOPE 0-30%	% Gravel	* 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	by volume & Size (mm)	LIMITATION RATING i.e. Fair, Moderate, Severe
00 - 36	Sandy Clay	III		No	3.50%	None	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]

(FOR HOLE #2)

DEPTH	TEXTURE	CLASS	STRUCTURE	WATER TABLE	SLOPE 0-30%	% Gravel	* 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	by volume & Size (mm)	LIMITATION RATING i.e. Fair, Moderate, Severe
00 - 36	Sandy Clay	III		No	3.50%	None	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]

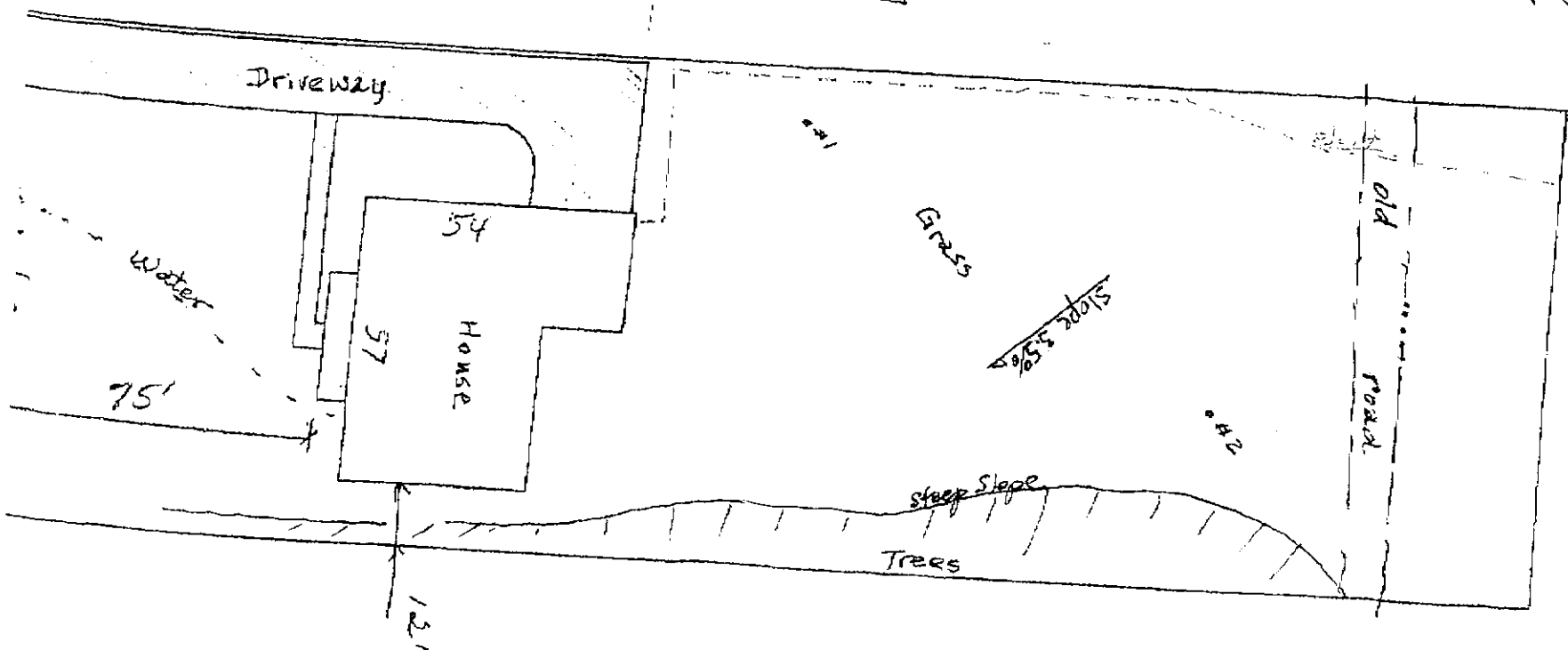
EVALUATION PERFORMED BY: William Hill Site Evaluator.

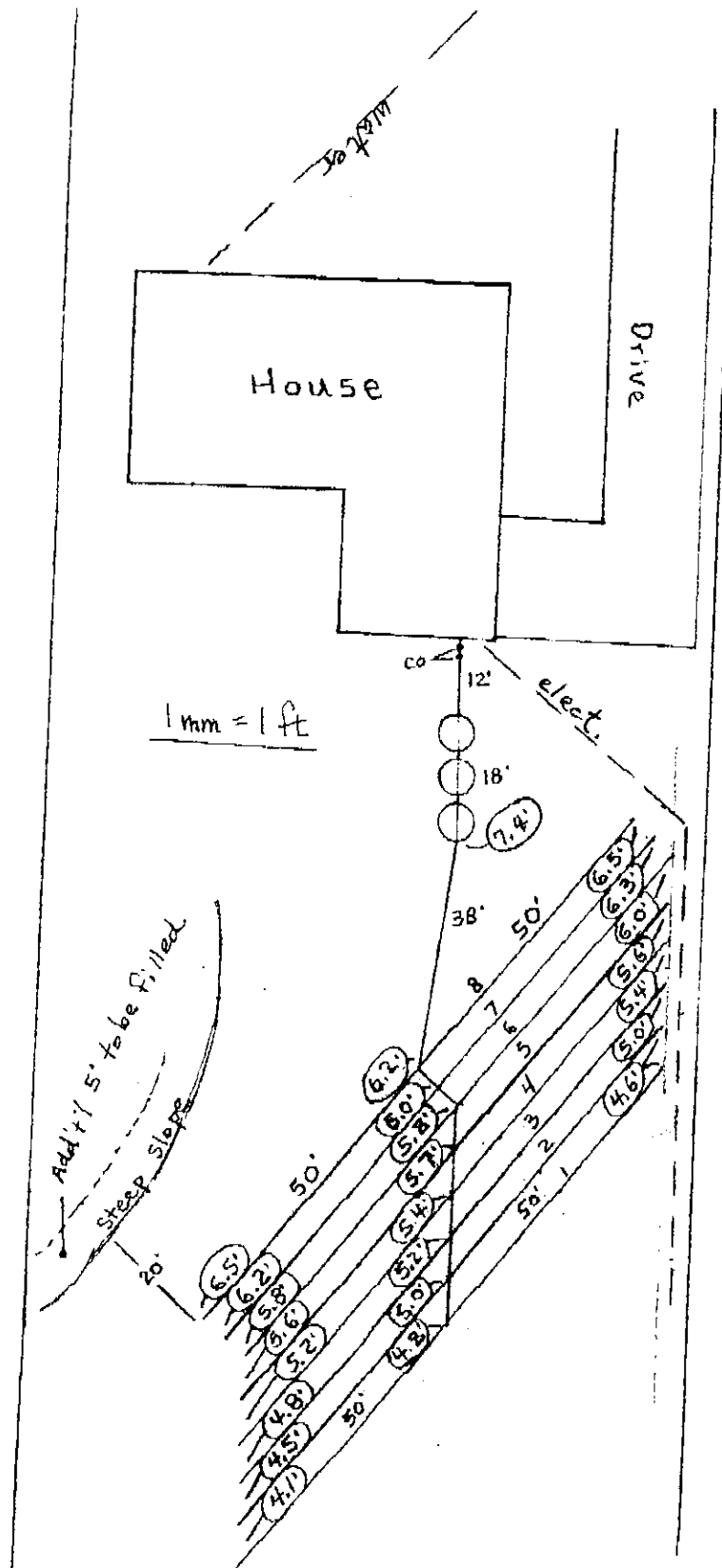
DATE OF SOIL SURVEY: 22 February 2007 CERTIFICATION NO: OS7622

John Moody

1 mm = 1 ft,

Wm. H. D. 10/10/1871



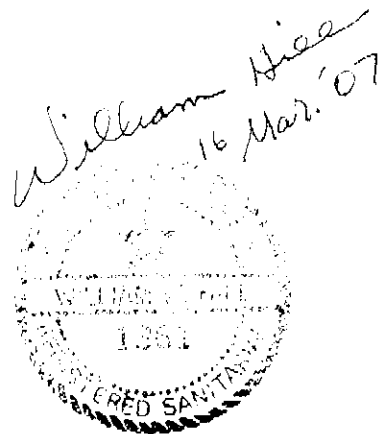


John Moody
3

William Hill
16 Mar. 07
1061
REGISTERED SURVEYOR

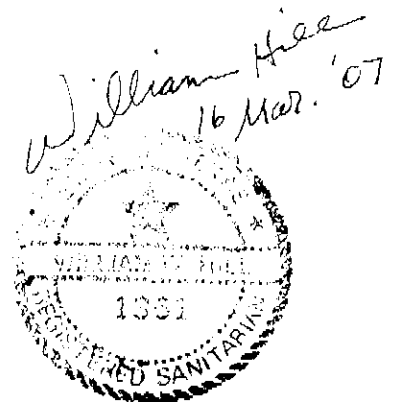
John Moody
Oversized System

This system was oversized to provide additional disposal area in the event of
prolonged stay by guests.



John Moody * 3229 Francisco Bay Dr.

Daily Waste Flow	240 gal./day
Septic Tank Size	1000 gal.
Pumping Tank Size	500 gal.
Effluent Loading Rate	0.1 gal./ sq. ft./day
Absorption Area	2400 sq. ft.
Total Length of laterals	800 ft.
Lateral Diameter	1 in. sch. 40
Lateral Configuration	see attached diagram
Supply Line Length	66 ft.
Supply Line Diameter	2 in. sch. 40
Manifold Placement	Center
Hole Size	1/8 in.
Hole Spacing & Flow per Hole	see attached chart
Number of Holes	119
Total Flow	30.4 GPM
Elevation Head	8.3 ft.
Friction Head	1.6 ft.
Pressure Head	1.5 ft.
Total Head	11.4 ft.
Pump Requirements	30.4 gpm. @ 11.4 ft. head
Suggested Pumps	Grundfos KP250 1/3 HP Barnes BP33 1/3 HP
Storage Volume in Laterals	32.8 gal.
Storage Volume in Supply	10.6 gal.
Total Storage	43.4 gal.
Dosing Volume	177.1 gal.
Dosing Depth	14.0 in.
Check Valve Needed?	YES
Anti-Siphon Hole Needed?	NO
Approximate Quantity of Rock	20 yds.
Effluent Filter Recommended Zabel A1800	YES

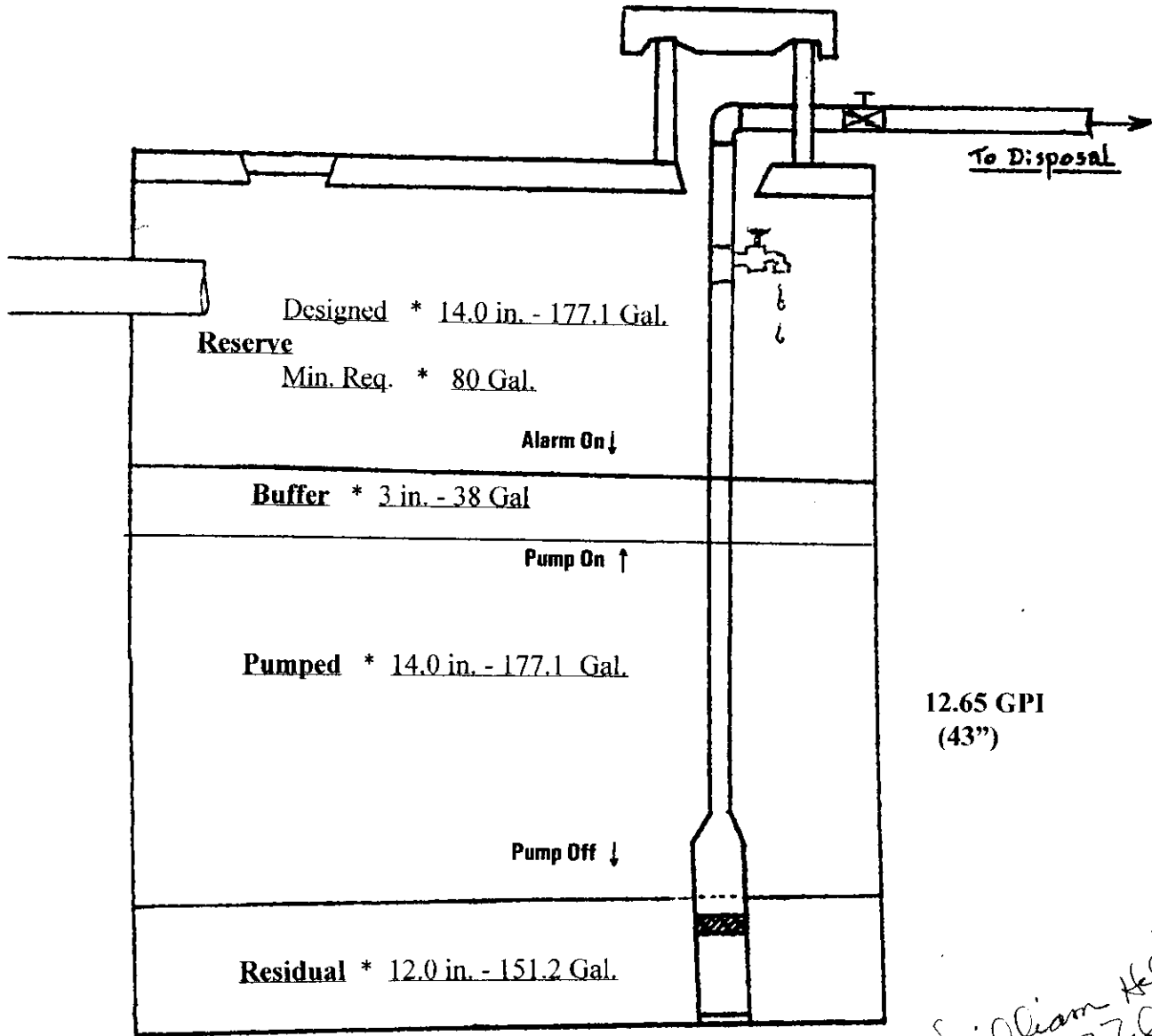


John Moody * 3229 Francisco Bay Dr.

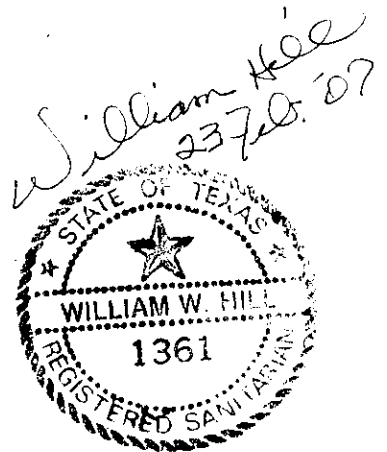
[illegible]

500 Gal. Concrete
Ellison Concrete
240 Gal./Day

John Moody
3229 Francisco Bay Dr.



12.65 GPI
(43")



Must have visual and audible alarms.