

AMARILLO ENVIRONMENTAL HEALTH DEPARTMENT

Application to Install or Alter

On-Site Sewage Facility

Potter or Randall County

Receipt #	52785
Date Paid	6-9-08
Date Issued	6-10-08
Permit #	2008-226

All INFORMATION MUST BE COMPLETE BEFORE A PERMIT WILL BE ISSUED

Land Owner's Name Fred Beatty Phone 352-4157

Mailing Address 3711 Montague Dr City Ama State Tx Zip 79007

Installer's Name Jerry Etheredge License # 050023923

Email address _____ fax # _____

Installer's Address 1407 Wheatstau Phone 433-4399

Address of Installation 11050 Indian Camp Tr, Sunday Canyon

Directions to Job Site EAST on Palo Duro Canyon Rd - South on Sunday Canyon Rd - East on Indian Camp Tr, South side

Water source to property ☐ Private Well or ☒ Public Well (If public name of supplier) _____

For wells drilled after December 18, 1996, if the well is pressure cemented a copy of the well log must be attached ☐ Yes ☒ No

The information below may be obtained from the Potter/Randall Appraisal District at 358-1601 or on their website: <http://www.prad.org/>

County Randall Lot Size (in acres) 1.08

Subdivision Palo Duro Canyon Est Unit 1

P/R Account # R 061 3110 0010 Section 723

Block 6 Tract _____

Lot 2 Map Number 4-28

Census Tract 219.00

For Office Use Only

Beg. Odometer _____

End. Odometer _____

Inspect Start _____

Inspect Stop _____

Soil Classification IIISite Evaluation attached yesHouse or Mobile Home HouseNumber of structures on property 1Square feet of house 3920Number of bedrooms 3

Square footage 1500 to 2500 add

footage equal to 3 bedrooms

2501 to 3500 add

footage equal to 4 bedrooms

3501 to 4500 add

footage equal to 5 bedrooms ✓

4501 to 5500 add

footage equal to 6 bedrooms

House sewer pipe type 4" sched 40 PVCTo tank / to drain field
Pipe diameter, and rating used 4" sched 40 PVCTank material PolyTank manufacturer's name NorwescoTank has two chambers ☒ Yes ☐ NoTanks in a series of two or more ☐ Yes ☒ NoTank size in gallons 1500Leaching chamber brand name Bioclitfusers 6.33OSSF gallons per day 450Media Type in drain field MAExcavation width 3 ft.Excavation depth 2 1/2" - 4 1/8"Excavation length 270 ft ^{272.19}Is drain field graveless pipe ☐ Yes ☒ NoNo. of panels installed 43Type of barrier 30Absorption area installed 2250 ¹³⁶¹ ~~4350~~ sq.ft.Water savings devices present ☒ Yes ☐ No

FOR COMMERCIAL SYSTEMS: domestic sewage ONLY; no hydrocarbons or other waste products

Type of facility _____

Estimated water consumption _____

Floor drains present ☐ Yes ☐ No

Number of employees _____

Use of floor drains _____

Number of customers per day _____

Sq. ft. of building _____

7-9-08

A Professional Engineer must design nonstandard treatments, and commercial buildings over 5,000 square feet.

A Professional Engineer or Registered Sanitarian must design the following on-site sewage facilities and submit appropriate planning materials with this application.

Aerobic treatment manufactured housing community pressure dosing sewage recycling secondary treatment
Multi unit residential mound systems recreational vehicle parks soil substitution spray application

Designer's Name Tom Jack License Number 789 Phone # 383-7825

You must check the proper box with a yes, no or not applicable					
From all the site characteristics listed below: Can you install the septic tank and drain field at least the minimum distances shown?	To: Tank (in feet)	To: Drain field (in feet)	YES	NO	N/A
Public Wells	50	150	✓		
Wells: yours and neighbors'	50	100	✓		
Water lines	10	10	✓		
Property Lines	5	5	✓		
Lakes, streams, ponds, creeks, (include dry ones)	50	75	✓		
Sharp slopes where seeps may occur	0	25	✓		
Foundations, building surface improvements	5	5	✓		
Easements	5	5	✓		
Swimming pools	5	5	✓		
All trenches are at least three feet apart			✓		
All trenches and beds 5 feet or less in depth			✓		
All lines in drain field 150 feet or less			✓		

For any question answered NO, a signed variance request must be included and a Registered Sanitarian or Professional Engineer must design the system and include planning materials with this application

All portions of the soil absorption field must be level

It is hereby stipulated and agreed by the undersigned who is the applicant for such permit, that in consideration of the issuance of such permit, the said applicant will conform with all the provisions of Texas Chapter 285 On-Site Sewage Facilities and with all orders that may be made from time to time by the Health Officer and it is further stipulated and agreed that the Health Officer or his/her representative is granted permission to inspect the premises and system of the undersigned insofar as it pertains to the provisions of Texas Chapter 285 On-Site Sewage Facilities and that the information given herein is true and correct.

It is further agreed that a fee of \$135.00 for residential, \$145 for commercial will accompany this application for permit and an inspection by the Environmental Health Department must be made before backfill is started. Once this application is approved, the permit to construct will be valid for a period of one year. There will be an additional \$50 trip fee for each inspection if more than one inspection is needed. Any applicant can appeal decisions and inspections relating to the installation of this septic system by requesting an Administrative Hearing. The Director of Environmental Health can furnish details to this process.

Are you familiar with all the provisions of Texas Chapter 285 On-Site Sewage Facilities? ☒ Yes ☐ No

If using graveless pipe or leaching chambers are you familiar with their installation requirements ☒ Yes ☐ No

If you are purchasing or refinancing this home, your mortgage company may require a certified water sample. The Environmental Health Department can certify the sample only if our office collects.

[Signature] License Number 050023923
Owner or owner's agent signature (owner's agent may be an installer, professional sanitarian or professional engineer)

No inspection will be scheduled for 24 hours following receipt of application to allow sufficient review time

Date of approval 6/19/08
By: [Signature]
Sanitarian's Signature
License Number 05# 27607

Please return this application to:

Amarillo Environmental Health Department
PO Box 1971
Amarillo Texas 79105-1971
Phone (806) 378-9474
Fax (806) 378-3585
Email deree.duke@ci.amarillo.tx.us

Installer notified construction permit approved and to begin construction: ☒ telephone ☐ office ☐ field
Date: 6/16/08

SITE AND SOIL EVALUATION

Date <u>6-1-08</u> County <u>RANDOLPH</u> Installer <u>Jerry Etheridge</u>	REQUIREMENTS 1. At least two soil excavations must be performed on the site, at opposite ends of the disposal area. 2. Locations of soil boring or dug pits must be shown on the site drawing. 3. For subsurface disposal, soil evaluations must be dug to a depth of at least two feet below the bottom of the excavation. 4. For surface disposal, the surface horizon must be evaluated to at least two feet below the bottom of the surface. (Special design criteria must be included)
FOR OFFICE USE ONLY	
Reviewed by: _____ Most restrictive soil _____ Excavation depth <u>54"</u> Soil evaluated depth <u>84"</u>	

Property Owner: <u>Fred Beatty</u>						Phone number <u>352-4157</u>	
Property Owner's Mailing Address <u>3711 Montague Dr</u>							
City, State: <u>Alma TX</u>		Zip Code <u>79007</u>		Nearest Road <u>INDIAN CAMP TR</u>			
Property Location: <u>11050 Indian Camp Tr</u>							
Subdivision: <u>PAID</u>		Unit <u>1</u>	Block <u>6</u>	Section <u>123</u>	Lot <u>2</u>	Tract	
<input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Replacement <input type="checkbox"/> Addition to existing building <input type="checkbox"/> Commercial <u>1</u> Number of structures and/or mobile homes on property <u>450</u> Estimated waste water produced on property in gallons per day <u>1.08</u> Lot size in acres							
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO Flood plain map was reviewed If lot is adjacent to or including Zone A a copy of the map must be attached with site shown.							
Design Recommendations Made <u>yes</u>				Gallons per day generated by this system <u>450</u>			
Number of Bedrooms and sq.ft. <u>3</u> <u>13920</u> sq.ft.				Absorption area required for this system _____			
S= Suitable	standard	leaching chambers	graveless pipe	holding tank	aerobic	non-standard	
U= Unsuitable	<input checked="" type="checkbox"/> S <input type="checkbox"/> U	<input checked="" type="checkbox"/> S <input type="checkbox"/> U	<input type="checkbox"/> S <input type="checkbox"/> U	<input checked="" type="checkbox"/> S <input type="checkbox"/> U	<input type="checkbox"/> S <input type="checkbox"/> U	<input type="checkbox"/> S <input type="checkbox"/> U	
Soil Boring Number <u>1</u>							
Horizon to a depth 24 inches below excavation	Soil Class Ia, Ib, II, III or IV	Soil Texture	Structure for Class III blocky, platy massive	Soil Drainage mottling water table presence	Restrictive horizon clay subsoils rock or plugged laminar soils	Munsell color	
<u>1</u> <u>84</u>	<u>III</u>	<u>Sandy clay LOAM</u>	<u>2/4</u>	<u>25'</u>	<u>None</u>	<u>Brown</u>	
Soil Boring Number <u>2</u>							
Horizon to a depth 24 inches below excavation	Soil Class Ia, Ib, II, III or IV	Soil Texture	Structure for Class III Blocky, platy massive	Soil drainage mottling water table presence	Restrictive Horizon clay subsoils rock or plugged laminar soils	Munsell color	
<u>1</u> <u>84</u>	<u>III</u>	<u>Sandy clay LOAM</u>	<u>NA</u>	<u>25'</u>	<u>None</u>	<u>Brown</u>	
If a class II or Class III soil: Does the soil contain gravel Yes or <input checked="" type="radio"/> No (Circle One) (Revised 7/10/01) If yes, then _____ % by volume And _____ inches in size.							

All categories must be complete or the site evaluation may be rejected.

Feature	Yes	No
Presence of 100 year flood zone or zone A : if yes then map showing area must be attached		✓
Presence of adjacent ponds, streams, water impoundments		✓
Existing or proposed water wells on all adjacent properties shown within 150 feet of proposed absorption field	✓	
Is organized sewage service available to lot or tract within 300 feet		✓
Surface drainage analysis: Are all topographic features including slope, areas of poor drainage and surface runoff indicated on the drawing?	✓	

Any feature indicated as yes must be shown on site drawing below

Draw all outbuildings, swimming pools, retaining walls

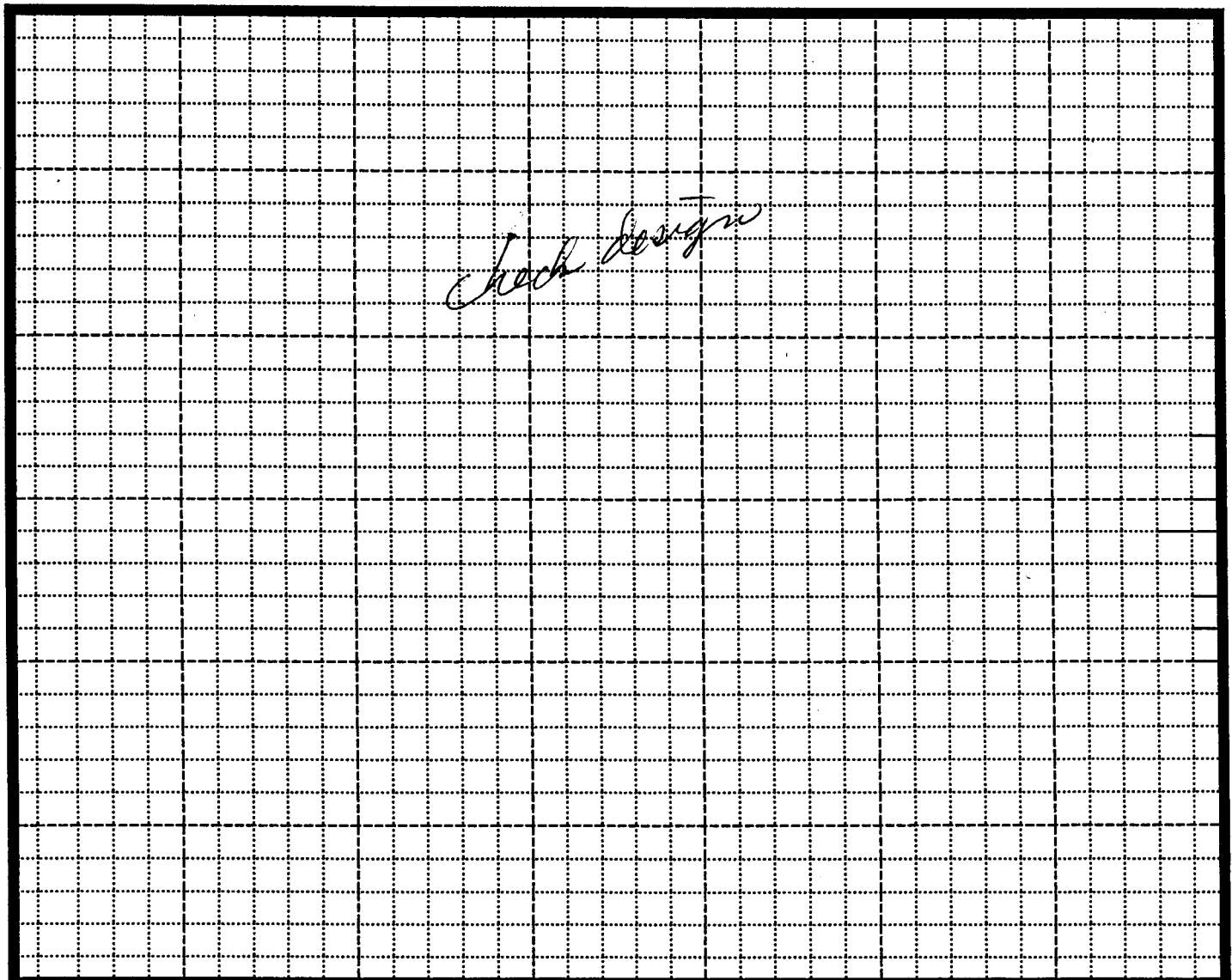
Indicate slope by percentage or with contour lines (from structure to farthest distance of absorption area)

Draw in location of all soil borings

SCHEMATIC OF LOT OR TRACT

INDICATE NORTH ON DRAWING

Scale 1 inch = 25 feet



I Certify that the findings of this report are based on my field observations at the site location and are accurate to the best of my ability. I also understand if the soil classification is disputed, I can be requested to submit a soil analysis by a laboratory to support the findings.

Tom Jack 057050
Signature of Site Evaluator

6-4-08
Date

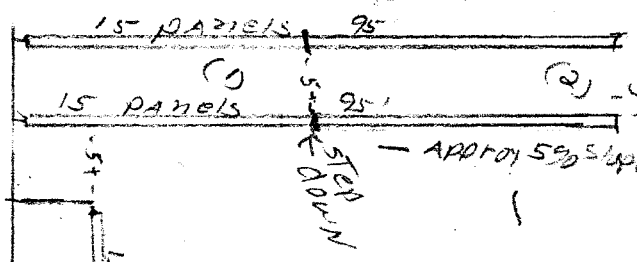
HEADLINE

SCALE 1"=30' NL

33+90
SLOPE
254-

33+90
SLOPE
254-

5+-

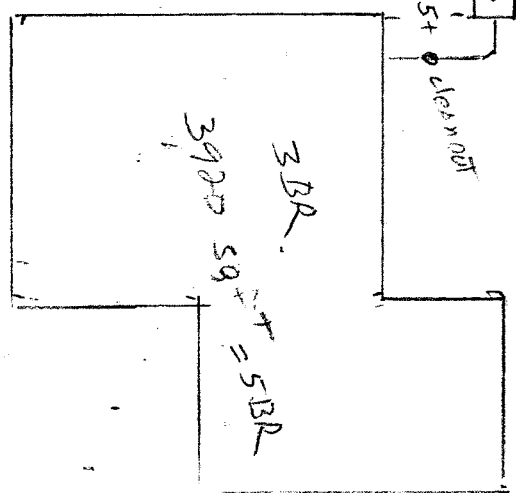


STEP DOWN

13 PANELS

1500

5+
5+
DOWN



33+90
SLOPE
254-

SITE ADD
11050 11014N CAMP
PA10 DATE CANYON EST
UNIT 1 BR 6 SEC 1231T

PREPARED BY
TAMM PACHE
110 RIVERIA
ANITA TY 2010
SIGN JENNIFER RS 2010
DATE: 6-1-06

INDIAN CAMP TR

WATER

**CITY OF AMARILLO Environmental Health Department
On Site Sewerage Inspection Checklist**

Revised February 2005

1	Is structure served on property	yes
2	Measured stub out depth	22"
3	Pipe strength and diameter to tank	4" Sch. 40
4	Is there fall on line to tank	✓
5	Cleanouts installed every 50' and 90°	✓
6	Tank at least 5' from foundation	✓
7	Tank level	✓
8	Tank risers present and 12" diameter	✓
9	Tank tees installed properly	✓
10	Depth of tank soil cover	22"
11	Fall on line from tank to excavation bottom	✓
12	Header level	✓
13	Pipe strength and size used in field	✓
14	Site evaluation proper	✓
15	Lateral lines level	✓

16	Total area installed and approved	2250 / 1361
17	Absorption trench depth	3.00 - 5.0'
18	Entire system at least 5' from P/L	✓
19	Absorption field at least 5' from foundation	✓
20	Tank at least 50' from all wells	✓
21	Absorption field at least 100' from all wells	✓
22	Adjacent property well identified and 100' from field	✓
23	Absorption field at least 75' from lakes, rivers, streams	✓
24	End caps on lines	✓
25	Media rock size adequate	N/A
26	Depth of media and is it rock or other	✓
27	Geotextile paper used	✓
28	Gravel-less pipe 8" or 10" diameter pipe	✓
29	Gravel-less pipe stripe aligned and fabric in place	✓
30	Connection from PVC to gravel-less made at top	✓

Distances

Well to tank No Well

Well to drainfield No Well

Cleanout to house 12'-8" 13'-8"

Cleanout to tank 7'-4"

Tank to drain field 12'-6" 13'-8"

Header to first line 3'

Between first and second lateral line 8'

Between second and third lateral line 8'

Length of first line (101.28') 69.63 + 31.65

Length of second line 40.06

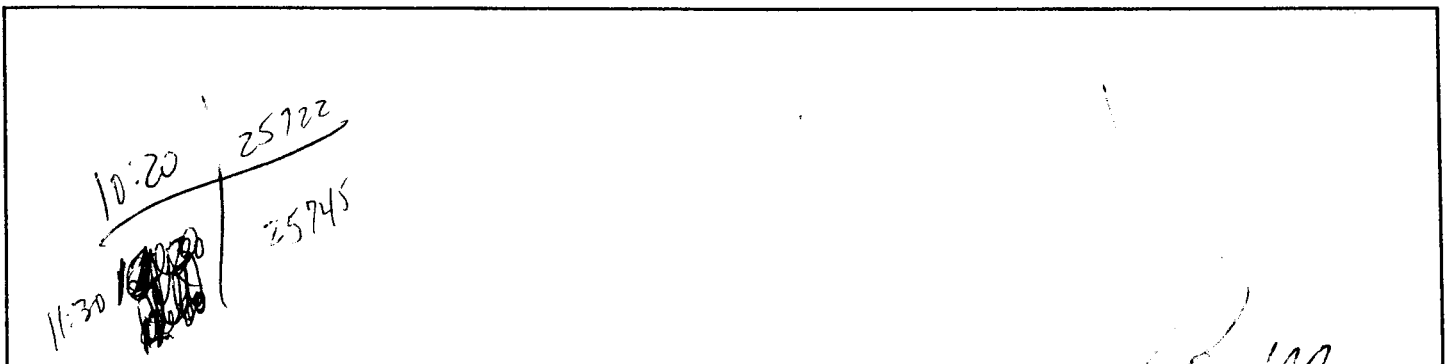
Length of third line (107.61) 69.63 + 37.98

Number of panels in each line 43 total

(11+5) 10 (11+6)
16 17

The first line is the line on the left side of the photograph and each line numbered consecutively from left to right.

FIELD DRAWING FOR DIMENSIONS AND LAYOUT ONLY



Inspected By [Signature]

Date of Inspection 6-20-08



AMARILLO BI-CITY COUNTY HEALTH DISTRICT

2nd Set

ENVIRONMENTAL HEALTH DEPARTMENT ON-SITE SEWERAGE FACILITY INSPECTION

Property Owner

BEATTY FRED

PERMIT #2008-226

Address of system

11050 INDIAN CAMP TRL SUNDAY CANYON

Contractor's name

ETHEREDGE, JERRY MARK

Address

1407 WHEATSTRAW
AMARILLO

This on-site system was inspected and approved for 450 gallons of wastewater per day.

County: RANDALL		Subdivision: PALO DURO CANYON ESTATES 1		Parcel ID: R-061-3110-0010.0	
Block: 0000		Section:		Lot: 002	
				Tract:	
Did this system meet Minimum State Required Distances in Feet Without a Variance					
Setback features	Distance from Tank		Distance from subsurface absorption system		
Private wells	50	<u>yes</u> no	100	<u>yes</u> no	
Streams and Lakes	50	<u>yes</u> no	75	<u>yes</u> no	
Foundations, walls	5	<u>yes</u> no	5	<u>yes</u> no	
Property lines	5	<u>yes</u> no	5	<u>yes</u> no	
Public water lines	10	<u>yes</u> no	10	<u>yes</u> no	
Other			For nonstandard systems additional sheet		
STANDARD ON SITE INSPECTION CRITERIA INSPECTED AND APPROVED					
Soil Classification	III		Number of risers	0 1 <u>2</u> 3 4	
Sq. footage of house 3920	Number of bedrooms 3		Well type	public private	
Tank Capacity (gallons)	1500		Trench width	36"	
Number of tanks	1		Total area	2250	
Tank material	polyethylene		Trench depth	3.0' - 5.0' feet	
Depth of cover on tank	<u>22</u> Inches		Trench length	272.19' feet	
LEACHING CHAMBERS INSPECTED AND APPROVED					
Area Approved with 40% reduction allowed by law		1361	Chamber Type	H10	
Total number of panels in system		43	Number Installed	43	
Panel Manufacturer used in system		Biodiffuser			
PVC AND GRAVEL INSPECTED AND APPROVED					
Absorption material					
FOR COMMERCIAL SYSTEMS ONLY					
Sizing factor used	# Employees/Customers gpd	Type of commercial	Grease trap size in Gals.		

SANITARIAN'S SIGNATURE

[Signature]

CERTIFICATE #

15 27607

DATE

6-20-08