



TEXAS ASSOCIATION OF REALTORS®

INFORMATION ABOUT ON-SITE SEWER FACILITY

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CONCERNING THE PROPERTY AT

114 Colony Court
Bastrop, 78602

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

- (1) Type of Treatment System: ☐ Septic Tank ☒ Aerobic Treatment ☐ Unknown
☐ _____
- (2) Type of Distribution System: _____ ☒ Unknown
- (3) Approximate Location of Drain Field or Distribution System: _____ ☐ Unknown

- (4) Installer: B _____ ☒ Unknown
- (5) Approximate Age: 12 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: DILTON'S SEPTIC PUMPING
Phone: 512/303-6922 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? _____
- (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

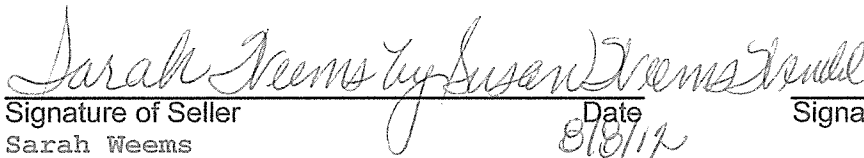
C. PLANNING MATERIALS, PERMITS, AND CONTRACTS:

- (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.

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.

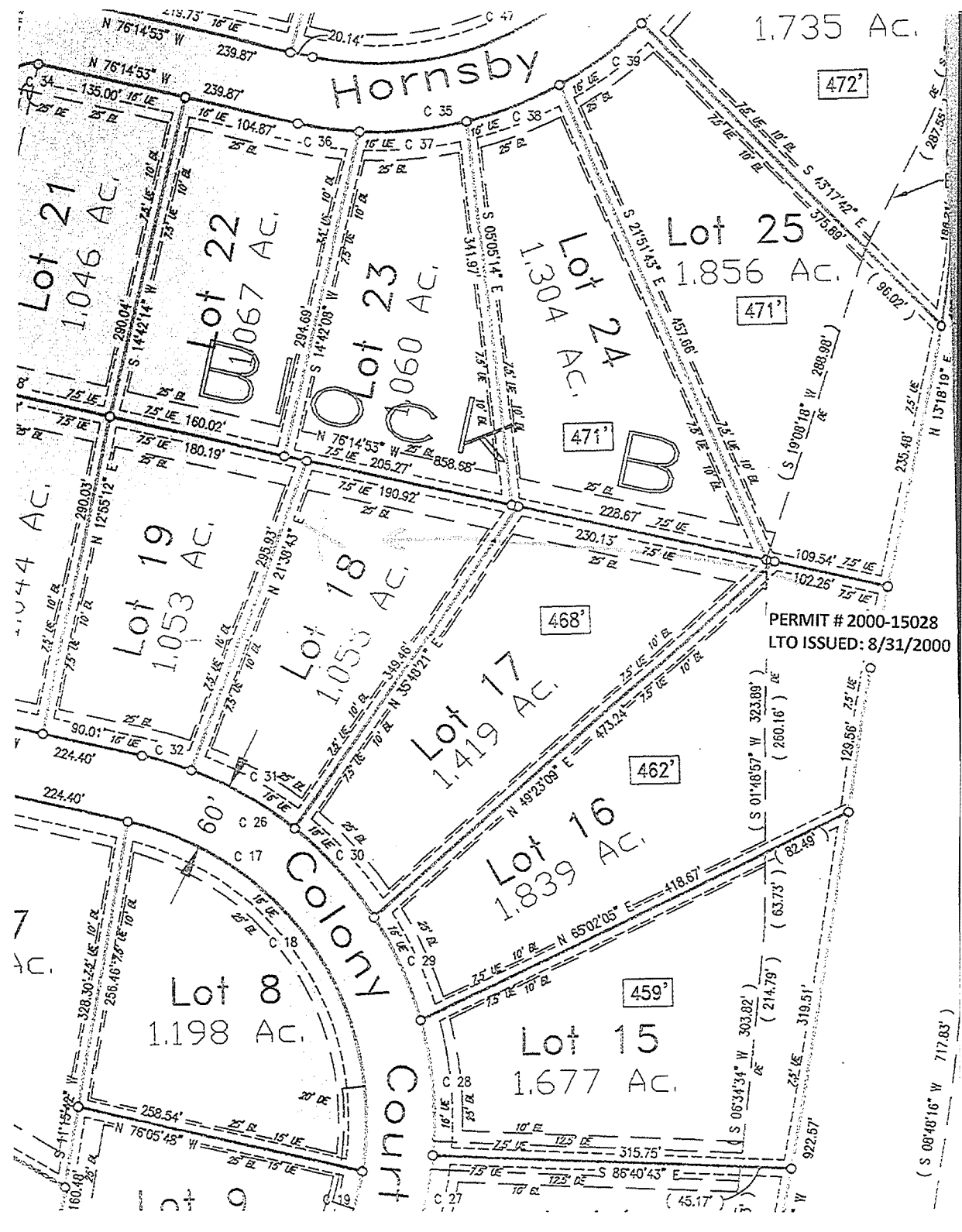

Signature of Seller _____ Date 8/8/12

Signature of Seller _____ Date _____

Receipt acknowledged by:

Signature of Buyer _____ Date _____

Signature of Buyer _____ Date _____



Proposed surface irrigation system sizing worksheet

for

**Reytex Homes
114 Colony court
Lot 18, block B, The Colony, section 1
Bastrop, TX 78602**

The proposed system has been designed to serve up to a 4 bedroom, <3,500 square foot single family residence, with a maximum daily water usage rate of 300 gallons per day (using low water use fixtures), as per table III of the Chapter 285 Rules for On-Site Sewage Facilities by the Texas Natural Resource and Conservation Commission approved 2/4/97. Low-water use fixtures are required to be installed throughout the residence. There were no horizontal setback encroachment problems observed at the time of the site evaluation conducted 08/06/00.

Drainfield specifications:

$A(\text{square feet}) = Q \div R_i$
(where A (the minimum application area) is equal to Q (the daily usage rate) divided by R_i (the effluent loading rate in gal/sq ft/day for Bastrop County))

$300 \text{ gpd} \div 0.064 \text{ (gal/sq ft/day)} = 4,687.5 \text{ square feet (minimum required)}$

Total proposed application area = 5,281.48 square feet

There are two 360° spray application zones proposed. The proposed radius for each application zone is 29' resulting in an area of 2,640.74 square feet:

Area of each zone: $\pi r^2 = 3.14 * (29 * 29) = 2,640.74 \text{ sq. ft.}$

Total area: $2,640.74 \text{ sq. ft.} * 2 = \underline{5,281.48 \text{ square feet}}$

Sprinkler head: Rain Bird Maxi-paw rotor professional series low-angle trajectory nozzle #10 LA (approx. 11 degrees) or equivalent operating with a 29 foot radius each delivering 4 GPM per sprinkler at 35 psi. **(DO NOT EXCEED 40 PSI)**

Dosing/reserve capacity summary:

An estimated 300 gallons per dose @ 8 gpm = 37.5 minutes of dosing time.. A single daily dose will occur and the pump will be activated by a commercial timer at **3 AM** each morning. The reserve capacity (storage above the alarm-on level) will be approximately 300 gallons.

Total dynamic head calculations:

$\approx 5' \text{ (elevation change)} + 5.2' ((120'/100) * 3.63) * 1.2 \text{ @ } 8 \text{ gpm manifold loss)} + 81' \text{ (nozzle head (35 psi} * 2.31) \text{ @ } 4 \text{ gpm/head)} = 91.2' \text{ (total pressure)}$

Wastewater treatment tank/pump specifications:

Aqua Safe-AS500 Plus 75 500 GPD aerobic treatment unit or equivalent with in-line tablet chlorinator

Pump selection: Aeromotor model 20-50 (6-stg) submersible pump, ½ HP.

Pump and high water alarm must be on separate electric circuits. All electrical wiring must be done in accordance with the National Electrical Code or local code. The alarm must be the audio-visual type.

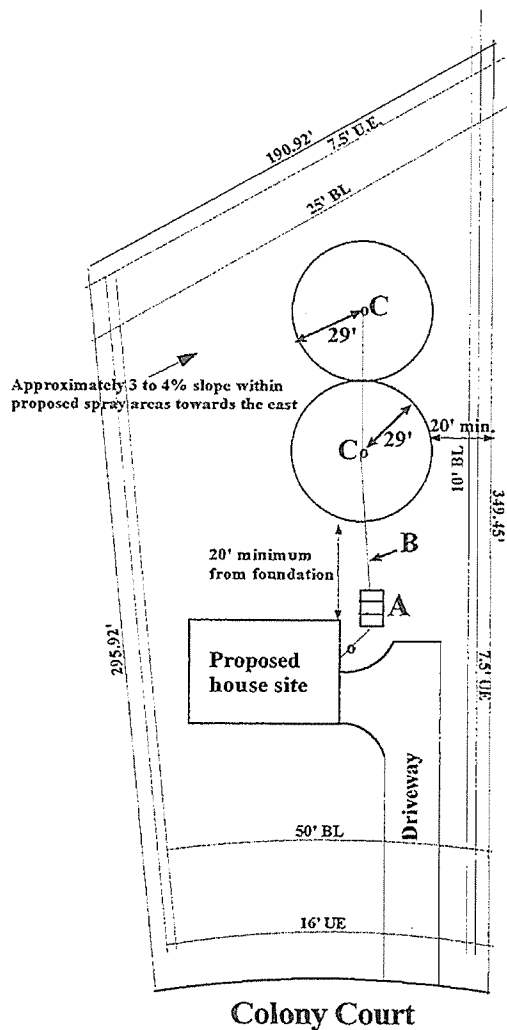


**Proposed Surface Irrigation System Diagram
for
Reytex Homes
114 Colony Court
Lot 18, block B, The Colony, section 1
Bastrop, TX 78602**

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1" = approx. 60'

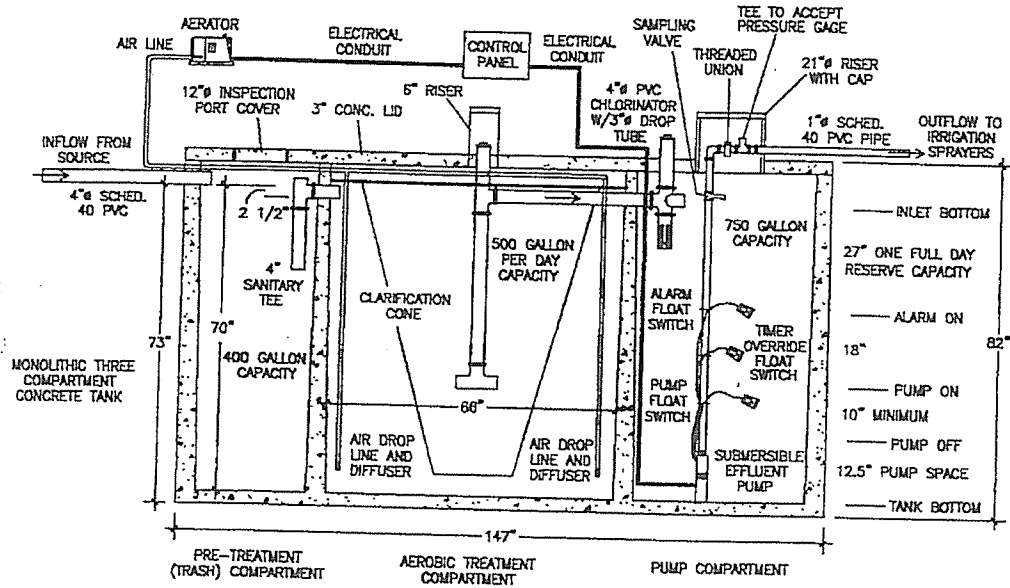
Components:

- A - Aqua Safe 500 GPD aerobic treatment unit or equivalent, trash tank and pump tank.**
- B - 1" SCH 40 PVC manifold/supply line.**
- C - Rain Bird Maxi-Paw Rotor low-trajectory 10LA spray nozzle at 35 p.s.i. or equivalent.**



Texas Concrete Tank

5284 Hwy 71 E.
Del Valle, TX 78617
(512)247-4193
(512)247-4193 fax



AQUA SAFE SINGLE TANK THREE COMPARTMENT TREATMENT UNIT