TEXAS REALTORS

INFORMATION ABOUT ON-SITE SEWER FACILITY

USE OF THIS FORM BY PERSONS WHO ARE NOT MEMBERS OF THE TEXAS ASSOCIATION OF REALTORS®, INC. IS NOT AUTHORIZED.

CONCERNING THE PROPERTY AT 19081 Cyclone Branch Burlington, TX 76519

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

(1) Type of Treatment System: [X] Septic Tank [ ] Aerobic Treatment [ ] Unknown
[ ] SEE ATTACHED PERMIT.

(2) Type of Distribution System: _____ [ ] Unknown

(3) Approximate Location of Drain Field or Distribution System: _____ [ ] Unknown

(4) Installer: _____ [ ] Unknown

(5) Approximate Age: _____ [ ] 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? _____

(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 [X] 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.

Facility	Usage (gal/day) without water-saving devices	Usage (gal/day) with water-saving devices
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 4/3/2025 Date

Estate of EUGENE ELLAN HAISLER

Signature of Seller Date

Receipt acknowledged by:

Signature of Buyer Date

Signature of Buyer Date

Jirasek Realty, 510 S 1st St Temple TX 76504 Phone: 2547700996 Fax: 254.770.3090
David Jirasek, ALC, CCIM

9-10

BELL COUNTY PUBLIC HEALTH DISTRICT

PERMIT TO INSTALL A SEPTIC TANK SYSTEM

Permit No. T 8760

Receipt No. 14608/09

Flood Plain No. Burlington

Location: FM 964 St. Address: 14081 Cyclone Branch Zip: 76519 B: D

Legal Description Survey: J Cordova Abstract No.: 3 Vol.: 919 Page: 357 Blk: ___ Lot: ___ Sec: ___

Issued By: BY Date Issued: 10-8-10 This Permit Expires: 10-8-11

Owner: Eugene Hausler Address: ↑ Phone: ___

Installer: Jaylon Yoder Address: 1103 CR 407 Lott, TX 76656 Phone: 721-3576

Signature (X): ___ Amount Paid: $350 CK# 1791

Treatment: Standard: 1000 + 500 pump Size Required: 1500 Size Installed: 1500 3C

Aerobic: ___ Size Required: ___ Serial #: ___

Disposal: Type: LPD Area Required: 2400 Area Installed: 2400

(2' wide trench)

M/C: ✓ Affidavit: —

No. of Bedrooms: 3 GPD: 240 Soil Type: IV

Licensed No.: 24072

X ___ Installer

Remarks: 1.436 Acres Zone 1 - West Prop ID 44850

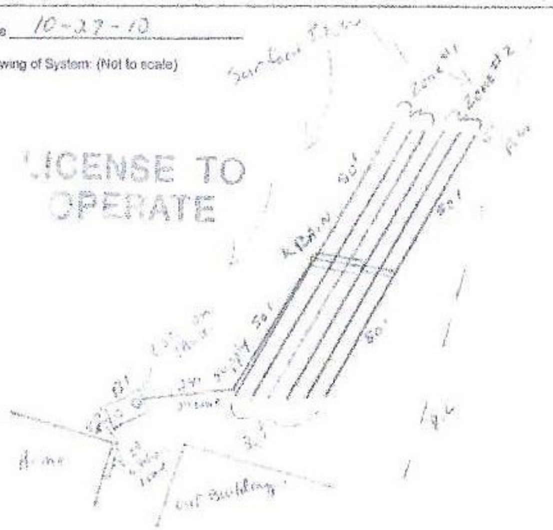
Zone 2 - East

Date: 10-27-10

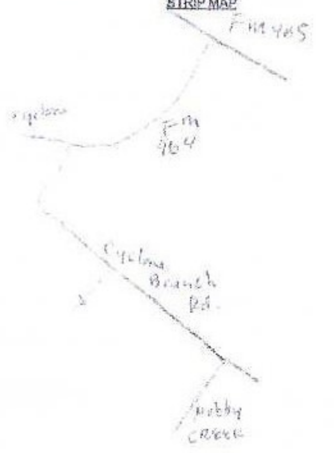
___ Inspector

Drawing of System: (Not to scale)

LICENSE TO OPERATE



STRIP MAP



BELL COUNTY PUBLIC HEALTH DISTRICT

DO NOT BEGIN CONSTRUCTION PRIOR TO APPLICATION APPROVAL. SETTING A TANK CONSTITUTES CONSTRUCTION. UNAUTHORIZED CONSTRUCTION CAN RESULT IN LEGAL ACTION.

OWNER'S NAME: EUGEN HAISLER

SITE LOCATION: 19081 CYCLONE BRANCH

Professional design required? ☒ YES ☐ NO

I. SEWER: (House Drain):
Type and size of pipe: 4" SCH40 Slope of sewer pipe to tank: 1/8 per ft. minimum

II. DAILY WASTEWATER USAGE RATE: Q = 240 (gallons / day)
Water Saving Devices? ☒ YES ☐ NO

III. TREATMENT UNIT:

A: SEPTIC TANK:
Size Required ~~1250~~ 750 Size proposed: 1500 3C

B: AEROBIC:
- Manufacturer: _____ Model# _____
- Size Required: _____ Size Proposed _____
- Pretreatment Tank? ☐ YES ☐ NO

C: OTHER: _____
(Please attach description)

IV. DISPOSAL SYSTEM:

TYPE: LOW PRESSURE DOSING 2' WIDE TRENCH

- Area Required: 2400 Area Proposed: 2400

V. ADDITIONAL INFORMATION:

NOTE: THE FOLLOWING INFORMATION MUST BE ATTACHED FOR REVIEW TO BE COMPLETED

1) Site Evaluation
2) Planning Materials / Design

OSSF SITE EVALUATION

APPLICANT INFORMATION
Name EUGENE HAISLER
Site Location: 19081 CYCLONE BRANCH
City / State BURLINGTON, TX 76519
Block____ Lot____ Section____
Additional Information____

SITE EVALUATOR INFORMATION
Name: DANIEL REEDER
Address: 4045 TRIBUTE
City/State BELTON, TX 76513

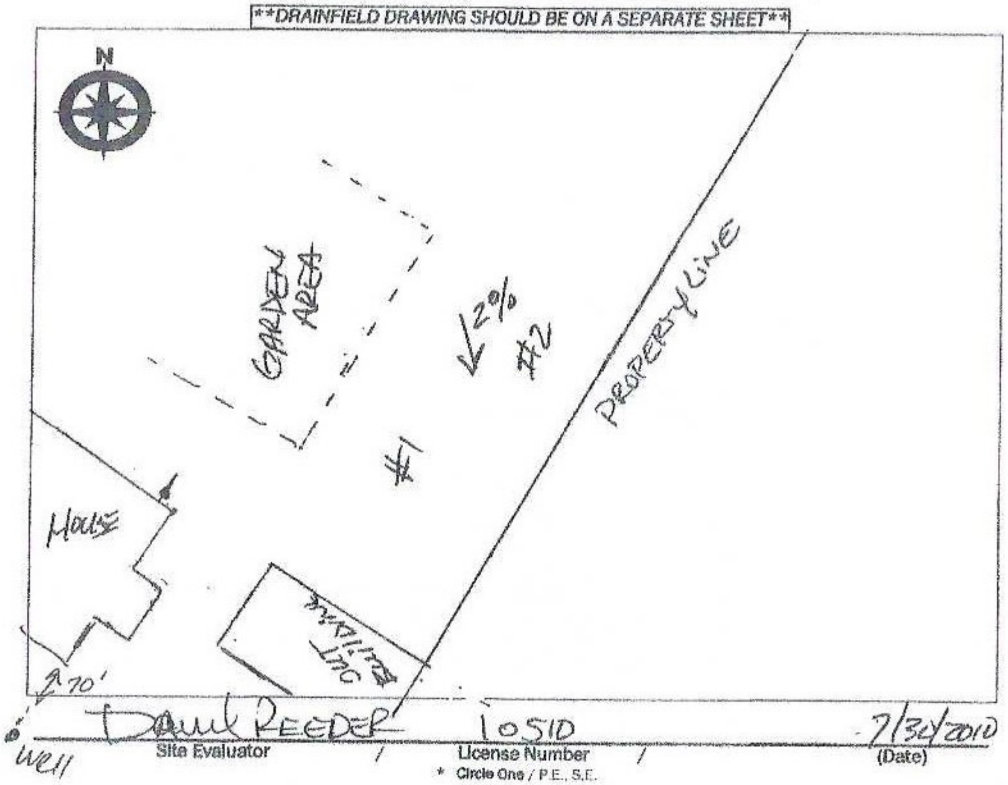
[redacted]

✓ Compass north, ✓ adjacent streets, ✓ property lines, ✓ property dimensions, ✓ location of buildings, ✓ easements, X swimming pools, ✓ water lines, and other structures where known.
✓ Location of existing or proposed water wells within 150 feet of property.
✓ Indicate slope or provide contour lines from the structure to the farthest location of the proposed soil absorption or irrigation area.
✓ Location of soil borings or dug pits (show location with respect to a known reference point).
✓ Location of natural, constructed, or proposed drainage ways, (streams, ponds, lakes, rivers) water. Sharp slopes or breaks.

Lot size: 1.43 Acres

Scale: 1:40

****DRAINFIELD DRAWING SHOULD BE ON A SEPARATE SHEET****



DANIEL REEDER — Site Evaluator / 10510 — License Number / 7/30/2010 — (Date)

* Circle One / P.E., S.E.

Bell County Public Health District

Lot sizes less than 10 acres

Bell County Engineer

Owner's Information	Site Address
Eugene Haister	19081 Cyclone Branch Burlington, TX 76519

Legal Description

Survey Name Juan Cadon Abstract # 3

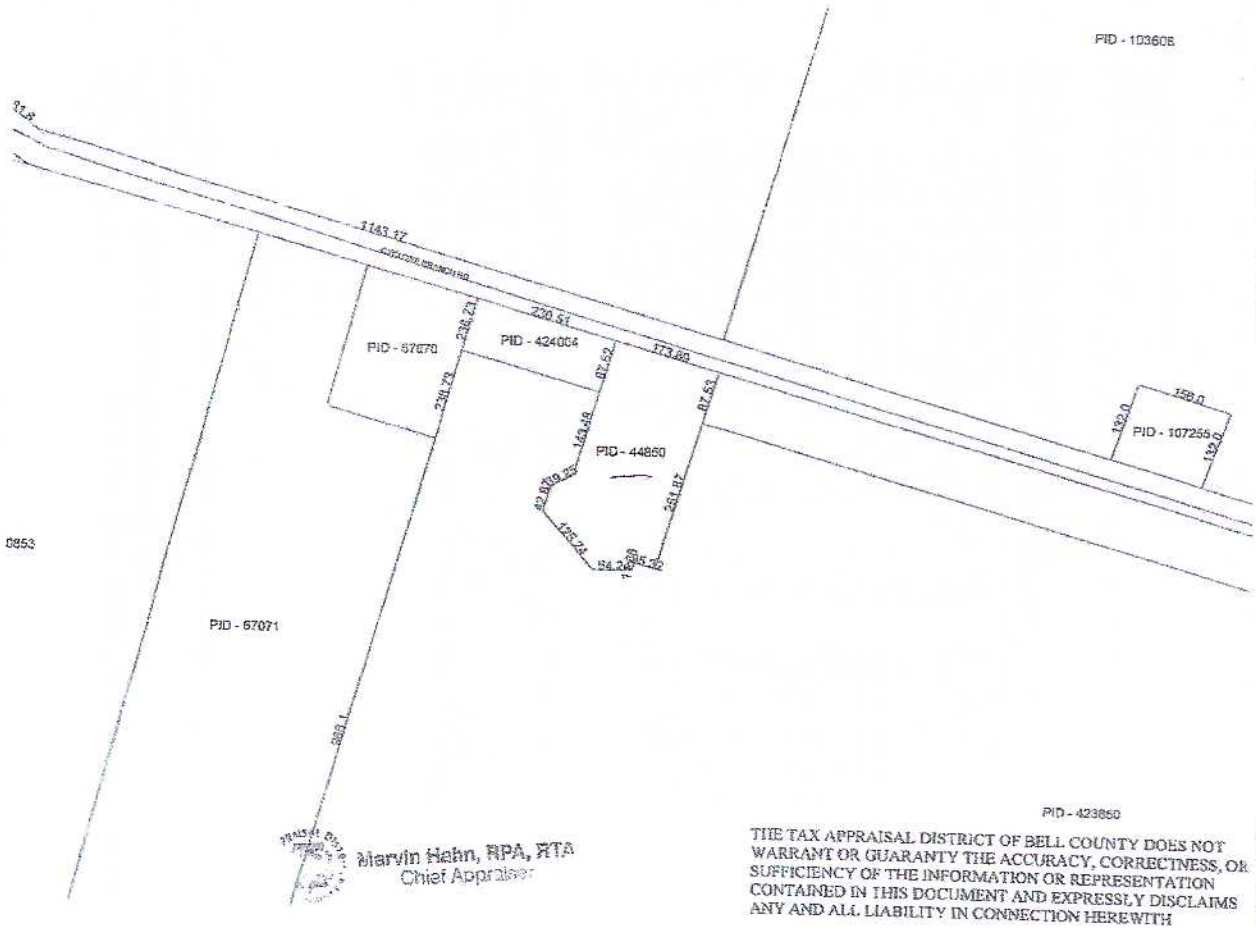
Volume 919 Page 357

Acreage 1.436 out of 54 acres 2010-00020439

☑ Valid ☐ Invalid

Comments:

Signature Tara Berry Date 10-5-10



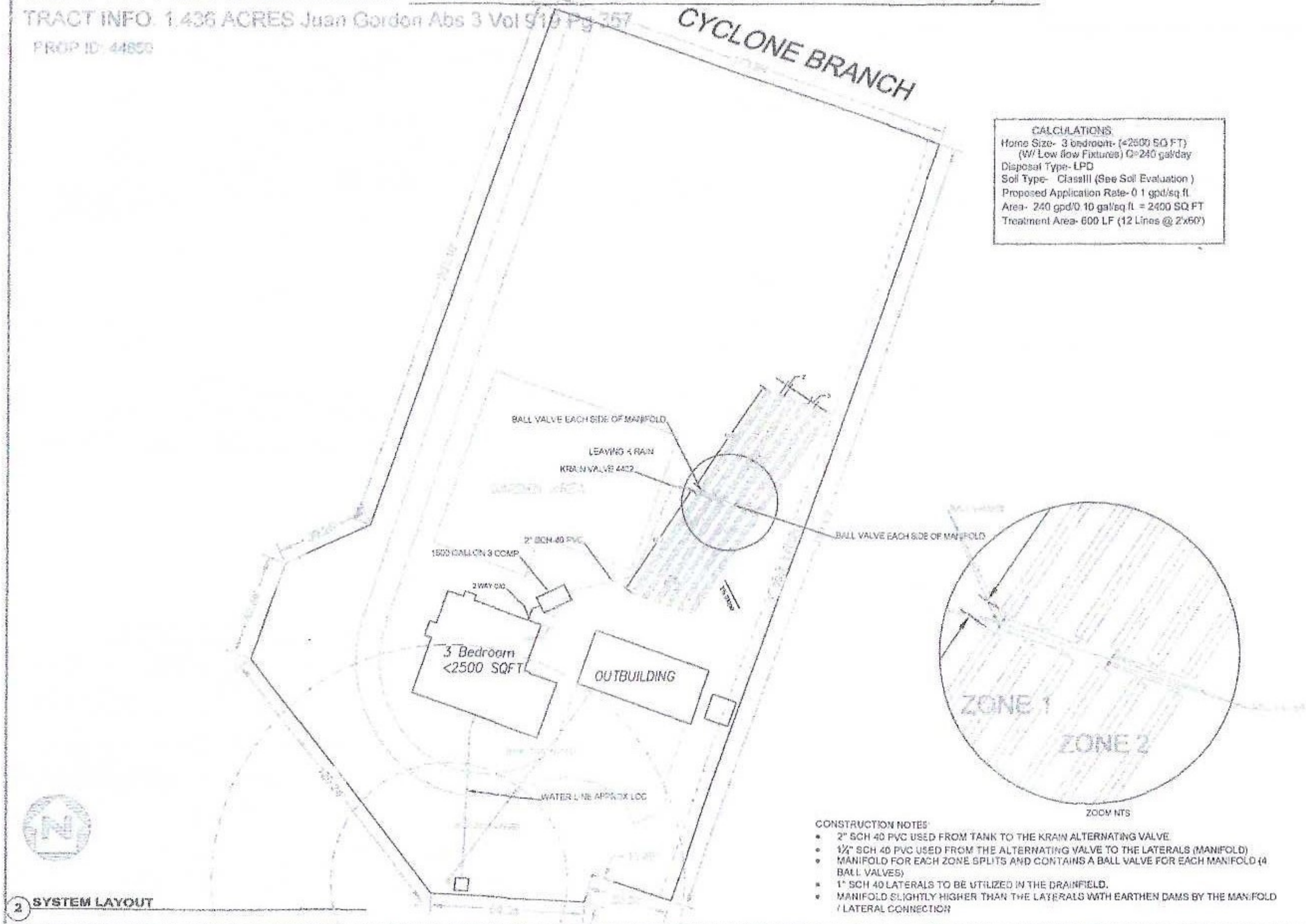
Marvin Hahn, RPA, RTA
Chief Appraiser

THE TAX APPRAISAL DISTRICT OF BELL COUNTY DOES NOT WARRANT OR GUARANTY THE ACCURACY, CORRECTNESS, OR SUFFICIENCY OF THE INFORMATION OR REPRESENTATION CONTAINED IN THIS DOCUMENT AND EXPRESSLY DISCLAIMS ANY AND ALL LIABILITY IN CONNECTION HEREWITH

OSSF AT FOR RESIDENCE: 19081 CYCLONE BRANCH BURNLINGTON, TX

TRACT INFO. 1.436 ACRES Juan Gordon Abs 3 Vol 910 Pg 257

PROP ID: 44650



CALCULATIONS
Home Size- 3 bedroom- (<2500 SQ FT)
(W/ Low flow Fixtures) Q=240 gal/day
Disposal Type- LPD
Soil Type- ClassIII (See Soil Evaluation)
Proposed Application Rate- 0 1 gpd/sq ft
Area- 240 gpd/0 10 gal/sq ft = 2400 SQ FT
Treatment Area- 600 LF (12 Lines @ 2'x60')

CONSTRUCTION NOTES:
- 2" SCH 40 PVC USED FROM TANK TO THE KRAIN ALTERNATING VALVE.
- 1¼" SCH 40 PVC USED FROM THE ALTERNATING VALVE TO THE LATERALS (MANIFOLD)
- MANIFOLD FOR EACH ZONE SPLITS AND CONTAINS A BALL VALVE FOR EACH MANIFOLD (4 BALL VALVES)
- 1" SCH 40 LATERALS TO BE UTILIZED IN THE DRAINFIELD.
- MANIFOLD SLIGHTLY HIGHER THAN THE LATERALS WITH EARTHEN DAMS BY THE MANIFOLD / LATERAL CONNECTION

2 SYSTEM LAYOUT

SCALE: 1"=40'
Date: 9-13-2010
File: 19081CYCLONE
drawn by: DR
Revision:

STATE OF TEXAS · REGISTERED · DANIEL A. REEDER · RS 26622 · SANITARIAN

PREMIER ONSITE DESIGN SERVICE
4045 TRIBUTE LN BELTON, TEXAS 76513
(254) 394-7080 E-MAIL premieronsite@embarqmail.com

OSSF AT FOR RESIDENCE: 19081 CYCLONE BRANCH BURNLINGTON, TX

TRACT INFO: 1.439 ACRES Juan Gordon Abs 3 Vol 919 Pg 357

Minimum Dosing Calculator (based on Schedule 40 PVC)

Pipe Section	Pipe Length (in feet)	Size in Inches (pick one)	Storage Volume (gallons) using Sch 40 Grnt Vol
SUPPLY:			
1	71.5	2	11.7
2	32	1.25	2.0
3	0	2	0.0
4	0	2	0.0
5	0	2	0.0
Total Supply Line Volume:			13.7 Gallons
LATERALS:			
1	60	1	2.0
2	60	1	2.0
3	60	1	2.0
4	60	1	2.0
5	60	1	2.0
6	60	1	2.0
7	0	1	0.0
8	0	1	0.0
9	0	1.25	0.0
10	0	1.25	0.0
Total Lateral Line Volume:			12.2 gallons
Required Dosing Volume:			75 gallons

Schedule 40 Pipe Supply Line Loss Calculator

Pipe Section	Pipe Length (in feet)	Size in inches	Flow Rate (Gallons per minute)	Loss (feet)
1	71.5	2	24.6	0.6
2	32	1.25	4.1	0.0
3	0	2	24.6	0.0
4	0	2	24.6	0.0
5	0	2	24.6	0.0

Total Pipe Loss	0.6 feet	0.3 PSI
With 20% for fittings	1.0 feet	0.4 PSI
With Elevation in feet	7.0 feet	3.0 PSI
With Operating Head in feet	9.0 feet	3.9 PSI
Additional Loss in feet (Lost)		
K-Rain	12.7 feet	5.5 PSI
Filter	12.7 feet	5.5 PSI
Line	12.7 feet	5.5 PSI
Line	12.7 feet	5.5 PSI
Line	12.7 feet	5.5 PSI
TOTAL LOSS:	**12.7 FEET OR**	**5.5 PSI**

FLOW CALCULATIONS - ONE ZONE (Use this chart for each separate zone - up to 10 laterals in a zone)

- TOTAL NUMBER OF LATERALS PER ZONE
- TOTAL ELEVATION CHANGE - IN INCHES - ACROSS LATERALS (Calculator below, if needed)
- OPERATING HEAD - IN INCHES - AT HIGHEST LATERAL IN ZONE (12" to 60" RANGE)

SINGLE ZONE CALCULATIONS SHOWN FOR THE PURPOSE OF PUMP CALCULATIONS

	Lateral #	Lateral Length (feet)	Relative Elevation (inches)	hole size	Head Pressure (inches)	Flow Rate (gpm) per hole	# of Holes	Hole Spacing (inches)	Flow Rate (gpm) per Lateral	Flow Rate (gpm) per Linear Foot
Highest Lateral	1	60	-	5/32	24.0	0.41	10	60	4.10	0.082
	2	60	-	5/32	24.0	0.41	10	60	4.10	0.082
	3	60	-	5/32	24.0	0.41	10	60	4.10	0.082
	4	60	-	5/32	24.0	0.41	10	60	4.10	0.082
	5	60	-	5/32	24.0	0.41	10	60	4.10	0.082
	6	60	-	5/32	24.0	0.41	10	60	4.10	0.082
	N/A		-	5/32	-	-		-	-	-
	N/A		-	5/32	-	-		-	-	-
	N/A		-	5/32	-	-		-	-	-
	N/A		-	5/32	-	-		-	-	-
	N/A		-	1/8	-	-		-	-	-
				1/8						
		300 lf trench		TOTAL FLOW RATE (GPM) IN ZONE:					24.6	

Flow Differential Calculator:

Highest Flow rate per linear foot: 0.191 FLOW DIFFERENTIAL:

Lowest Flow rate per linear foot: 0.082

8 CALCULATIONS / FRICTION LOSS PER ZONE SECTION

- SCH 40 PVC MUST BE USED FROM THE STRUCTURE TO TANKAGE.
- THE MINIMUM SLOPE FROM THE STRUCTURE TO THE TANK MUST MEET THE MINIMUM 1/8" PER FT FOR THE ENTIRE LENGTH RUN WITH TWO WAY CLEANOUTS EVERY 50' WHERE THE LENGTH EXCEEDS 50'
- THE TANK MUST BE SET LEVEL TO WITHIN +/- 1" ON A 4" SAND CUSHION.
- TANKS MUST BESET A MINIMUM OF 5' FROM THE FOUNDATION.
- TANKS SET GREATER THAN 12" BELOW GROUND SURFACE WILL REQUIRE A RISER ON EACH INSPECTION PORT. THE RISERS MUST EXTEND TO AT LEAST 6" BELOW FINISHED GRADE.
- PUMP COMPARTMENT SHALL CONTAIN THE PUMP SPECIFIED IN THE DESIGN AND SHALL HAVE AN ALARM / CONTROLLER THAT HAS BOTH AUDIO AND VISUAL INDICATORS.
- THE PUMP AND THE ALARM SHALL BE ON SEPARATE CIRCUITS PER CH 285
- TRENCHES SHALL MEET THE SPECIFIED WIDTH AND CONTAIN 12" OF GRAVEL MEDIA WITH PIPING LEVEL TO WITHIN +/-1" OVER 25' IN LENGTH.
- TRENCH DEPTH TO BE APPROXIMATELY 18"-30" FROM NATIVE GROUND SURFACE. THIS WILL PLACE ALL LATERALS ON DIFFERING ELEVATIONS. BALL VALVES WILL BE UTILIZED TO SET THE HEAD PRESSURE OF EACH GROUP OF 3 LATERALS ON EITHER SIDE OF THE MANIFOLD.
- DISPOSAL FIELDS SHALL BE IN TWO ZONES DOSED BY A K RAIN VALVE. EACH ZONE WILL BE DOSED 1 TIME DAILY AT A RATE OF 120 GALLONS PER DOSE TOTALLING 2 DOSES AND 240 GALLONS PER DAY MAXIMUM.
- SUPPLY MANIFOLD FROM TANK TO K RAIN WILL BE 2" AND MANIFOLD FROM K RAIN TO THE ZONES WILL BE 1 ½" AFTER THE VALVE.
- SUPPLY MANIFOLD SHALL BE 1 ¼" IN DIAMETER WITH A BALL OR GLOBE VALAVE ON THE OUTFLOW PIPE TO SET SYSTEM HEAD PRESSURE TO 2'.
- SUPPLY MANIFOLD TO BE SLIGHTLY HIGHER THAN THE FIELD LATERAL PIPING.
- LATERAL PIPING SHALL BE 1" SCH 40 PVC WITH 5/32" HOLES DRILLED ON 5' CENTERS STARTING AT THE MANIFOLD POINTED IN THE 6 O'CLOCK POSITION DOWN INTO THE GRAVEL.
- THE LATERALS WILL BE SUSPENDED IN THE PANELS VIA CABLE TIES OR OTHER ACCEPTABLE STRAPING.
- LATERALS MUST HAVE TURN UP FITTINGS AT THE END OF EACH LINE AS SPECIFIED IN THE CROSS-SECTION DRAWING.
- BACKFILL MUST BE CLASS III OR BETTER AND THE ENTIRE AREA MUST BE DOMED TO SHED RAINFALL.
- ENTIRE DRAINFIELD AREA MUST BE SEEDED OR SODDED PRIOR TO SYSTEM START UP. VEGETATION MUST BE MAINTAINED AT ALL TIMES DURING SYSTEM OPERATION. I.E. MOWED OR OVERSEEDED DURING WINTER MONTHS WITH SEASONAL GRASSES I.E. BERMUDA FOR SUMMER MONTHS AND RYE FOR WINTER MONTHS.
- SYSTEM DESIGNED TO HANDLE A PEAK FLOW OF 240 GPD MAXIMUM. DESIGN WAS PREPARED BASED ON INFORMATION GATHERED FROM THE PROPERTY OWNER. IT IS THE PROPERTY OWNER'S RESPONSIBILITY TO OPERATE THE SYSTEM WITHIN THE DESIGNED AND PERMITTED FLOW.
- SYSTEM TANKAGE SHOULD BE PUMPED EVERY 3-5 YEARS TO REMOVE SOLIDS FROM THE SYSTEM.
- WATER SOFTENERS AND GARBAGE DISPOSALS ARE STRICTLY PROHIBITED TO BE UTILIZED WITH THIS SYSTEM. DO NOT DISPOSE OF ITEMS OTHER THAN NORMAL DOMESTIC TYPE WASTE INTO THE SYSTEM I.E. GREASE OR FOOD PARTICLES.
- EXCESS USE OF CLEANING AGENTS CAN CAUSE SYSTEM FAILURE AND SHOULD ONLY BE USED IN MODERATION.

9 CONSTRUCTION NOTES SECTION

SCALE: NTS
Date: 9-13-2010
File: 19081cyclone
Drawn by: DR
checked by: DR

STATE OF TEXAS REGISTERED DANIEL A. REEDER 83322 LICENSED SANITARIAN

PREMIER ONSITE DESIGN SERVICE
4040 TRIBUTE LN BELTON, TEXAS 76513
(254) 394-2000 E-MAIL premieronsite@hotmail.com