

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: 0036062

PIN #: 1608159016

OP DATE: 0712812006

SYSTEM USE:

- ☒ House
☐ Mobile Home
☐ Business
☐ Other

SEWAGE TYPE:

- ☒ Domestic
☐ Industrial

PUMP/SIPHON?:

- ☐ Yes
☒ No

PRESSURE MANIFOLD:

- ☐ Yes
☒ No

SYSTEM TYPE:

- ☐ I
☐ II
☒ III
☐ IV
☐ V
☐ VI
☐ Other

SUB TYPE:

- ☐ A
☐ B
☐ C
☐ D
☐ E
☐ F
☒ G

NBR BEDROOMS:

- ☐ 1
☐ 2
☐ 3
☒ 4
☐ 5
☐ 6
☐ Other

MAINT. SCHEDULE:

- ☐ Yes
☒ No

CERT. OPERATOR

- ☐ Yes
☒ No

GT ST PT SIZE

- | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|------------------|
| ☐ | ☐ | ☐ | 750 |
| ☐ | ☐ | ☐ | 900 |
| ☐ | ☐ | ☐ | 1,000 |
| ☐ | ☒ | ☐ | 1,200 |
| ☐ | ☐ | ☐ | 1,500 |
| ☐ | ☐ | ☐ | 1,800 |
| ☐ | ☐ | ☐ | 2,100 |
| ☐ | ☐ | ☐ | 2,500 |
| ☐ | ☐ | ☐ | 3,000 |
| ☐ | ☐ | ☐ | 4,000 |
| ☐ | ☐ | ☐ | 5,000 |
| ☐ | ☐ | ☐ | 8,000 |
| ☐ | ☐ | ☐ | 10,000 |
| ☐ | ☐ | ☐ | Other |
| ☒ | ☐ | ☒ | None/NA GT or PT |

DRAINFIELD SIZE(SQ. FT.)

00900

DRAIN TYPE:

- ☐ Stone
☒ EZ Flow
☐ Infiltrator
☐ Biodiffuser
☐ Cultec
☐ Drip
☐ Hancor
☐ Large Dia. Pipe
☐ Multi-Pipe
☐ Other

MAX DEPTH (IN.):

- ☐ 12 in. or less
☐ 18 in. or less
☒ 24 in. or less
☐ 26 in. or less
☐ 28 in. or less
☐ 30 in. or less
☐ 32 in. or less
☐ 36 in. or less
☐ Other

STONE DEPTH (IN.):

- ☐ 8 in. or less
☒ 12 in. or less
☐ 18 in. or less
☐ 24 in. or less
☐ Other

TRENCHES:

- ☒ Individual
☐ Bed

TRENCH WIDTH (IN.):

- ☐ 12 in. or less
☐ 18 in.
☐ 24 in.
☒ 36 in.
☐ 6 ft. or less
☐ 9 ft. or less
☐ Other

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL AND SEWAGE SITE LOCATION PERMIT
NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED
UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/ OR IF SITE IS ALTERED OR INTENDED USE CHANGED

PERMIT#: D036062 STATUS: A APP. DATE: 01/26/2006 BLDG. PERMIT#: 0062312
PIN: 1608.03 14 4953 000 TAX MAP: RECORDED: Y ORIG. PERMIT#:
TOWNSHIP: 15 PANTHER BRANCH JURISDICTION: WC ZONING: R30
APPLICANT: GOTTFRIED HOMES INC
4009 GRAHAM NEWTON RD
RALEIGH, NC 27606
(919) 233-1700
USE: HD USE: 101 ONE-FAMILY HOUSE
EXIST USE:
DISPOSAL: BEDROOMS: 4 BASEMENT: N #EMPLOYEES: 0
SITE: ADDRESS: 428 ELSIE LORRAINE RD
SUBDIVISION: KINGS RIDGE LOT: 29 ACRES: 0.68
DIRECTION: 401S L 1010 R HOLLAND CHURCH RD SUB ON R

Well System: WATER: COMMUNITY - TYPE: EXISTING

WELL LOG INFORMATION: DEPTH: _____ CASING DEPTH: _____ YIELD: _____ STATIC LEVEL: _____
WELLI CONTRACTOR: _____ REG.# _____ PUMP CONTRACTOR: _____ REG.# _____
Construction Compliance GROUT APPROVED ☐ DATE _____ EHS _____
WELLHEAD APPROVED ☐ DATE _____ EHS _____
SYSTEM FINALIZED ☐ DATE _____ EHS _____

COMMENTS: _____

Operation Permit

DESIGN FLOW: _____ gal./min. ACTUAL FLOW: _____ INNOVATIVE LETTER: _____
INSTALLED BY: Brantley INSTALLATION APPROVED BY: Kyle Jennings
PROPRIETARY SYSTEM: _____ FILTER NO: simplex
COMMENTS: _____

OPERATIONS PERMIT ISSUED? Y OP DATE: 7-18-06 BY: Kyle Jennings

This permit is based in part on information provided by the homeowner or his/her representative in the application submitted for this permit. The Environmental Health Specialist is not responsible for false or misleading information contained in the application. The Environmental Health Specialist is also not responsible for concealed conditions on the property or for statements in this report that may have resulted from false or misleading statements provided to him in the application. Neither Wake County nor the Environmental Health Specialist warrants that the septic tank system will continue to function satisfactorily in the future or that the water supply will remain potable.

As Built Information:

Date: _____ Benchmark: _____ Rod reading: _____ Distance to Structure: _____
ST: 57 B 7200 gals ID#: 57 B 739 D.O.M.: 6-16-06 Elev.: _____ Distance to Well: _____
PT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____
D-box/FD/PM elev.: 5' Supply Line: _____ ft. Pump/Control Panel: _____
Line 1: 6" _____ Date: _____
Line 2: 6" _____ Date: _____
Line 3: _____ Date: _____
Line 4: _____ Date: _____
Line 5: _____ Date: _____
Distance to P/L: _____ Notes: _____

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IMPROVEMENT PERMIT

TANK SIZE: 1200 gal. PUMP Tank: _____ gal. SQ FT: 900 INNOVATIVE MAX DEPTH LINE: 24 in.
WASTEWATER: INDIVIDUAL SEWAGE: DOMESTIC TYPE SYSTEM: III G PUMP: N P/M: N
DAILY FLOW: 480 gal/day DESIGN FEE REQ?: PAID?: WATER: COMMUNITY

COMMENTS:

IP ISSUED? Y DATE: 03/02/2006 BY: (NRH) *[Signature]* PHONE#: 796-8771

AUTHORIZATION FOR WASTEWATER/WATER SYSTEM CONSTRUCTION

VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE

AUTHORIZATION CONDITIONS:

Contractors shall install system on contours, see attached site plan for wastewater system design and well location. No underground utilities, water lines or sprinkler systems may be located in the original system or repair areas. A septic tank filter with a riser for access is required. The wastewater system shall not be covered or placed into use until inspected by the Wake County Department of Environmental Services and an Operation Permit issued. An Accepted Status System may be used in place of conventional system, if it can be placed in the permitted/authorized trench footprint (except reduction in line length and/or number as allowed for in approval) and the installation is in accordance with the accepted system approval, without unauthorized product alteration. If permit required use of an Accepted Status System, substitution with another accepted status system may be made, as long as no changes are necessary in the location of each nitrification line (including any increase in line length), trench depth or effluent distribution method. If changes are necessary, prior approval by this office is required before system installation. **OTHER CONDITIONS:**

INSTALL TWO GRAVELLESS TRENCHES, 25% REDUCTION ALREADY TAKEN, 150' BY 3' WITH A MAXIMUM TRENCH DEPTH OF 24".
INSTALL ALL LINES ON CONTOUR. MAINTAIN ALL SETBACKS. NO HEAVY MACHINERY OR GRADING ON SYSTEM OR REPAIR
AREAS. CALL THIS OFFICE WITH ANY QUESTIONS OR CONCERNS PRIOR TO INSTALLATION. PUMP AND CRUSH EXISTING SEPTIC
TANK ON PROPERTY.

TANK SIZE: 1200 gal. PUMP TANK: _____ gal. SQ FT: 900 INNOVATIVE MAX DEPTH LINE: 24 in.
MAINT: N OPER: N L/O: Y TRENCH#: 2 LENGTH: 150 ft. WIDTH: 36 in. DESIGNER: BURDETTE
SUBFIELDS: _ DESIGN HEAD PRESSURE: _ DESIGN FLOW: _____ gal/min DOSE VOLUME: _____ gal

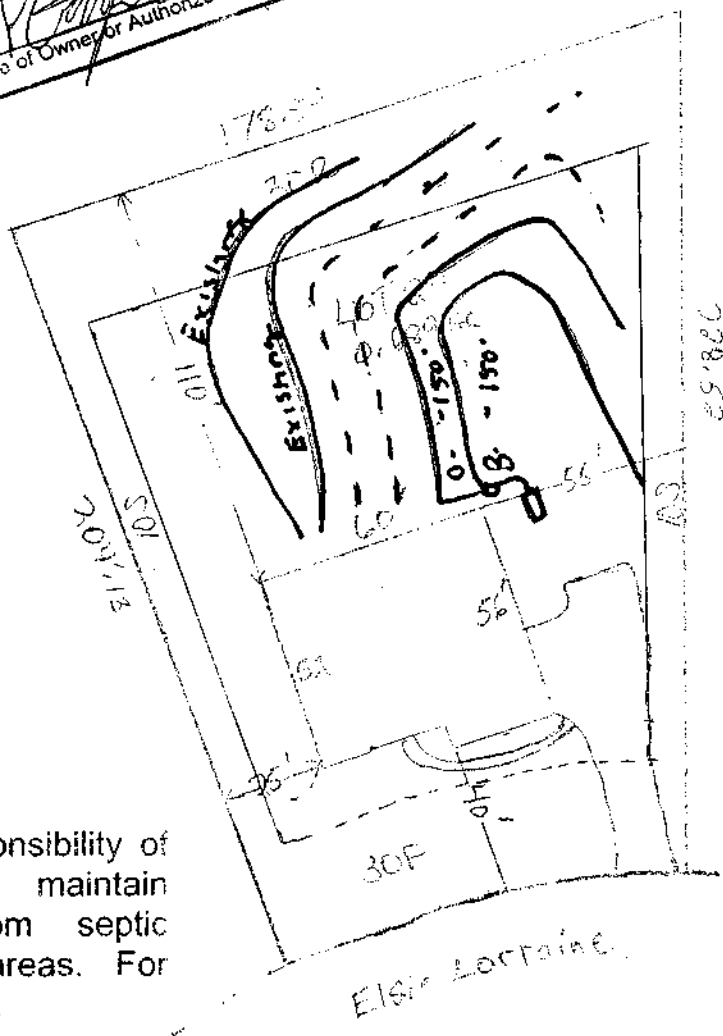
CA ISSUED? Y DATE: 03/17/2006 BY: (NRH) *[Signature]* PHONE#: 796-8771

Pin: 160803144953

CA

I certify that the location of planned or existing structure(s) are accurately shown. I understand this lot plan may require the relocation of structure(s) regardless degree of completion. I hereby grant permission to Municipal/County Representatives the right of entry to make evaluation and or inspections upon this property.

[Signature]
Signature of Owner or Authorized Agent



CA
2(150'x3')
25% Reduc. system
1200 gallon ST.
No foundation drains
24" max trench depth

Repair
III-G
2(150'x3')

Front 30 By SJL
Date 01-26-01
Use 101
MBL
Rear 30
Corner
Width 10

NOTICE: It is the responsibility of the permit holder to maintain required distances from septic tanks, fields and repair areas. For information dial 856-7400.

Imperious Surface

House 3200
Driveway/Sidewalk 1150
4350

4350 ÷ 30,012 = .14%

Gottfried Homes Inc.

0062312
D36062

1"=50'

Setback Limits

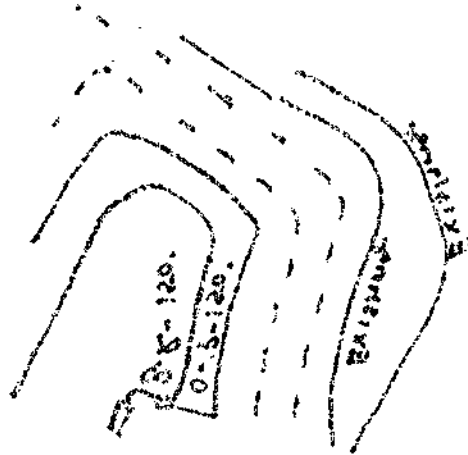
Front 35
Rear 30
Side 15

Lot 201 Kings Ridge
28 Elsie Lorraine Rd
Raleigh NC

AD

45
 (120 x 3)
 528 11000 275
 1000 1000 1000
 1000 1000 1000
 1000 1000 1000
 1000 1000 1000

1000
 1000
 1000



LOT 29 KINGS RIDGE S/D

4-BEDROOM INNOVATIVE GRAVITY SYSTEM

LINES 1-2 (2 X 150')

LTAR 0.4

EZFLOW

4-BEDROOM INNOVATIVE GRAVITY REPAIR

LINES 3-4 (2 X 150')

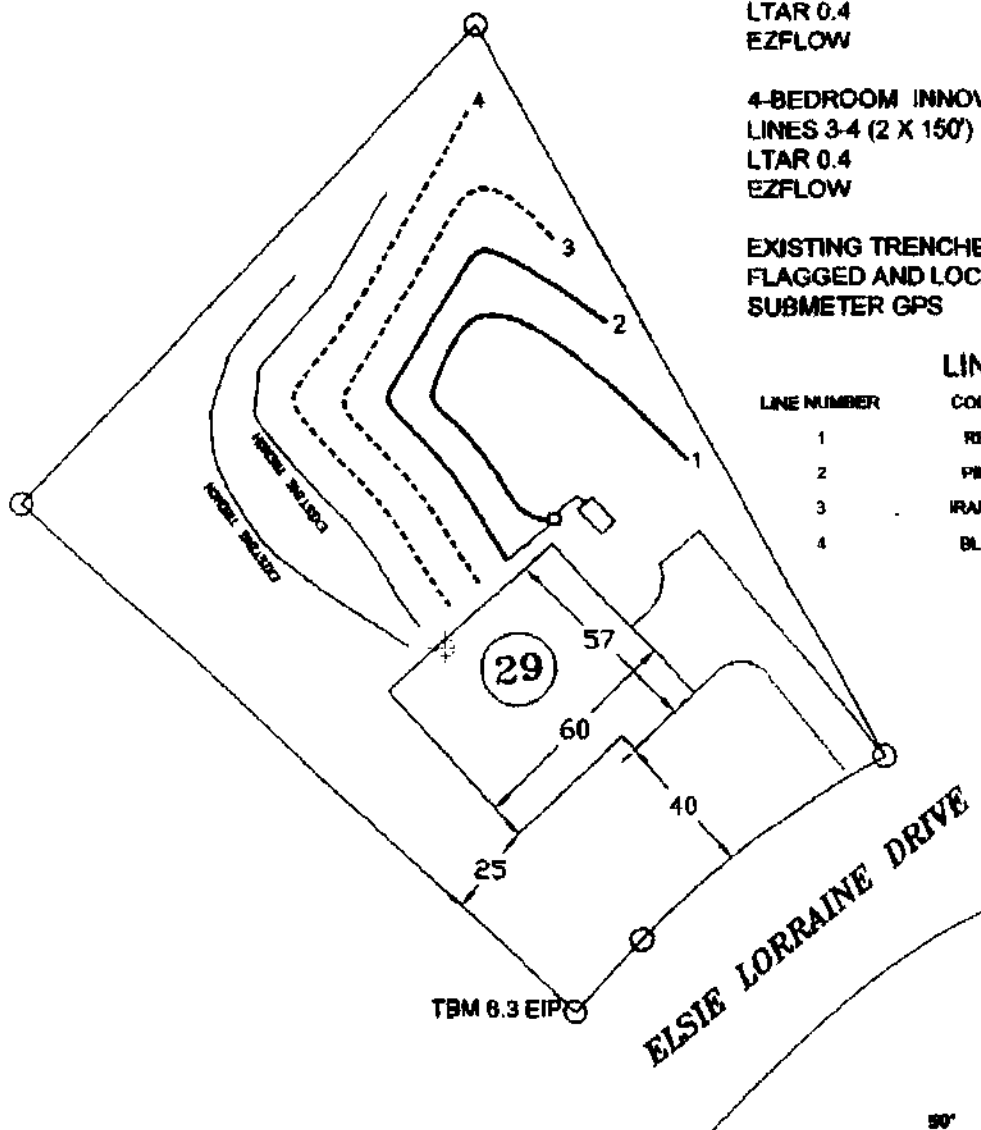
LTAR 0.4

EZFLOW

EXISTING TRENCHES PROBED BY HAND
FLAGGED AND LOCATED WITH TRIMBLE
SUBMETER GPS

LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH
1	RED	4.2	150'
2	PINK	4.2	150'
3	IRANGE	4.0	150'
4	BLUE	3.8	150'



GRAPHIC SCALE
1" = 50'



SEPTIC SYSTEM LAYOUT
KINGS RIDGE S/D
GOTTFRIED HOMES, INC.
WAKE COUNTY, NC

DATE: 01-26-06

SCALE: 1" = 50'

DRAWN BY: TMB

CHK'D BY: JAB

PROJECT #: 50023

LOT 29



BURDETTE LAND CONSULTING, INC.

308-D W Millbrook Road, Suite 200 - Raleigh, North Carolina 27609
Telephone (919) 841-9977 - Fax (919) 841-9909