Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: D 0 4 0 9 6 9 PIN #: 1 6 3 9 7 2 1 9 3 4

OP DATE: 0 2 1 2 0 1 2 0 0 8

SYSTEM USE:
- [x] House
- [ ] Mobile Home
- [ ] Business
- [ ] Other

SEWAGE TYPE:
- [x] Domestic
- [ ] Industrial

PUMP/SIPHON?:
- [x] Yes
- [ ] No

PRESSURE MANIFOLD:
- [ ] Yes
- [x] No

SYSTEM TYPE:
- [ ] I
- [ ] II
- [x] III
- [ ] IV
- [ ] V
- [ ] VI
- [ ] Other

SUB TYPE:
- [ ] A
- [x] B
- [ ] C
- [ ] D
- [ ] E
- [ ] F
- [ ] G

NBR BEDROOMS:
- [ ] 1
- [ ] 2
- [x] 3
- [ ] 4
- [ ] 5
- [ ] 6
- [ ] Other

MAINT. SCHEDULE:
- [ ] Yes
- [x] No

CERT. OPERATOR
- [ ] Yes
- [x] No

GT	ST	PT	SIZE
[ ]	[ ]		750
[ ]	[ ]	[ ]	900
[ ]	[x]	[x]	1,000
[ ]	[ ]	[ ]	1,200
[ ]	[ ]	[ ]	1,500
[ ]	[ ]	[ ]	1,800
[ ]	[ ]	[ ]	2,100
[ ]	[ ]	[ ]	2,500
[ ]	[ ]	[ ]	3,000
[ ]	[ ]	[ ]	4,000
[ ]	[ ]	[ ]	5,000
[ ]	[ ]	[ ]	8,000
	[ ]	[ ]	10,000
[ ]	[ ]	[ ]	Other
[x]		[ ]	None/NA GT or PT

DRAINFIELD SIZE(SQ. FT.)

0 1 2 0 0

DRAIN TYPE:
- [x] Stone
- [ ] EZ Flow
- [ ] Infiltrator
- [ ] Biodiffuser
- [ ] Cultec
- [ ] Drip
- [ ] Hancor
- [ ] Large Dia. Pipe
- [ ] Multi-Pipe
- [ ] Other

MAX DEPTH (IN.):
- [ ] 12 in. or less
- [x] 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
- [x] 12 in. or less
- [ ] 18 in. or less
- [ ] 24 in. or less
- [ ] Other

TRENCHES:
- [x] Individual
- [ ] Bed

TRENCH WIDTH (IN.):
- [ ] 12 in. or less
- [ ] 18 in.
- [ ] 24 in.
- [x] 36 in.
- [ ] 6 ft. or less
- [ ] 9 ft. or less
- [ ] Other

next

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#: **D040969** STATUS: **A** APP. DATE: **10/03/2007** BLDG. PERMIT#: **0081119**
PIN: ~~1639.04 62 7902 000~~ 1639 78 1934 TAX MAP: RECORDED: **Y** ORIG. PERMIT#:
TOWNSHIP: **16 ST MARYS** JURISDICTION: **WC** ZONING: **R30**
APPLICANT: **COMFORT HOMES**
PO BOX 369
CLAYTON, NC 27528
(919) 422 - 1498
USE: HD USE: **101 ONE-FAMILY HOUSE**
EXIST USE:
DISPOSAL: BEDROOMS: **3** BASEMENT: **N** #EMPLOYEES: **0**
SITE: ADDRESS: **2920 HAYWARD CT**
SUBDIVISION: **WHITE OAK LAND** LOT: **9** ACRES: **0.70**
DIRECTION: **US 70 EAST TR WHITE OAK 5MI S/D ON L**

Well System: WATER: **PUBLIC** - TYPE:

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: **PUBLIC WATER**

Operation Permit

DESIGN FLOW: _____ gal./min. ACTUAL FLOW: _____ INNOVATIVE LETTER:

INSTALLED BY: Jeff Thompson INSTALLATION APPROVED BY: Timothy P. Bass II
PROPRIETARY SYSTEM: FILTER NO: Tuf-Flo
COMMENTS:

OPERATIONS PERMIT ISSUED? Y OP DATE: 2/20/08 BY: Alan Alcock

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: 1/16/08 Benchmark: MCP STB-814 Rod reading: 4'8" Distance to Structure: 10'
ST: 1000 gals ID#: MCP STB-814 D.O.M.: 12-10-07 Elev.: 4'8" Distance to Well: _____
PT: 1000 gals ID#: MCP PT-53 D.O.M.: 11-28-07 Elev.: 4'11"
(D-box)/FD/PM elev.: 3'8" Supply Line: _____ ft. Pump/Control Panel: _____

Line 1:	4'10½"	4'10¾"	4'11"	4'11"	Date: 1/16	Line 6:				Date:
Line 2:	5'0"	4'11"	4'11"	4'11"	Date: ↓	Line 7:				Date:
Line 3:	4'10"	4'10"	4'9¾"	4'10¾"	Date: ↓	Line 8:				Date:
Line 4:					Date:	Line 9:				Date:
Line 5:					Date:	Line 10:				Date:

Distance to P/L: _____ Notes: _____

1/16 - still needs a PF - TPB

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SITE: ADDRESS: **2920 HAYWARD CT**
SUBDIVISION: **WHITE OAK LAND** LOT: **9** ACRES: **0.70**
DIRECTION: **US 70 EAST TR WHITE OAK 5MI S/D ON L**

IMPROVEMENT PERMIT

TANK SIZE: **1000** gal. PUMP Tank: **1000** gal. SQ FT: **1200** STONE DEPTH: 12 **in.** MAX DEPTH LINE: **19** in.
WASTEWATER: **INDIVIDUAL** SEWAGE: **DOMESTIC** TYPE SYSTEM: **II A** PUMP: **Y** P/M: **N**
DAILY FLOW: **360** gal/day DESIGN FEE REQ?: PAID?: WATER: **PUBLIC**

COMMENTS:

IP ISSUED? **Y** DATE: **10/25/2007** BY: **(TAH)** Travis G Howard PHONE#: **369-5974**

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:**

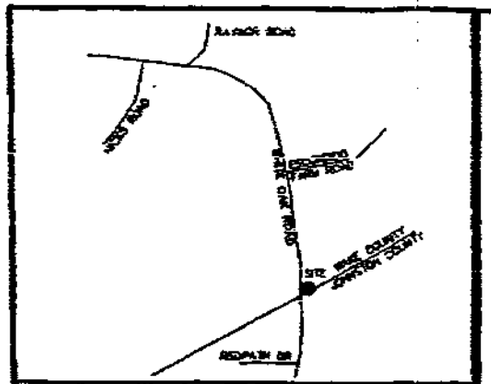
SYSTEM DESIGNED AS A GRAVEL SYSTEM. THERE WILL BE A 1000 GALLON SEPTIC TANK AND A 1000 GALLON PUMP TANK. NO PUMP TANK NEEDED IF GRAVITY IS ACHIEVABLE. A DISTRIBUTION BOX WILL FEED 3-133'X 3' GRAVEL LINES. THE MAXIMUM TRENCH DEPTH IS 19". THERE SHALL BE NO GRADING OR SOIL REMOVAL FROM SEPTIC SYSTEM OR REPAIR AREAS OR PERMIT COULD BECOME VOID. IF FLAGS ARE MISSING BEFORE INSTALLATION RELAY LINES OUT ON CONTOUR WITH A LASER. ADHERE TO ALL STATE AND LOCAL SETBACK REGULATIONS. CALL PRIOR TO INSTALLATION WITH QUESTIONS, CHANGES, OR CONCERNS. 369-5974. TAH

TANK SIZE: **1000** gal. PUMP TANK: **1000** gal. SQ FT: **1200** STONE DEPTH: 12 **in.** MAX DEPTH LINE: **19** in.
MAINT: **N** OPER: **N** L/O: **Y** TRENCH#: **3** LENGTH: **133** ft. WIDTH: **36** in. DESIGNER: ___
SUBFIELDS: __ DESIGN HEAD PRESSURE: _ DESIGN FLOW: _____ gal/min DOSE VOLUME: ____ gal.

CA ISSUED? **Y** DATE: **10/25/2007** BY: **(TAH)** Travis G Howard PHONE#: **369-5974**

1 of 2

Jul 12:33 PM WILLIAM.PEARCE.SURVEYING 919 269 4354 P.07



VICINITY MAP

Zoning B30 By SJL
Approve ✓ Date 100207
Revise Use 101
Reject MBL
Front 30 Rear 30
Side 10 Corner
Comments: SFD

PLOT PLAN FOR COMFORT HOMES, INC. ST. MARYS TOWNSHIP WAKE COUNTY NORTH CAROLINA

IMPERVIOUS SURFACE COVERAGE
1938 SQ.FT. - HOUSE & GARAGE
103 SQ.FT. - WALK & STEPS
931 SQ.FT. - DRIVEWAY
2972 TOTAL SQ.FT. - PROPOSED COVERAGE
5414 SQ.FT. - ALLOWABLE COVERAGE
2442 SQ.FT. - AVAILABLE COVERAGE

Pin: 1639.04.62.7902

AS BUILT

NOTE: BEING LOT 9 OF WHITE OAK LANDING, PHASE I, RECORDED IN BOOK OF MAPS 2007, PAGES 2275-2278.

NOTE: AREA COMPUTED BY COORDINATE METHOD.

NOTE: RECORDED MAP PREVIOUSLY TIED TO GRID.

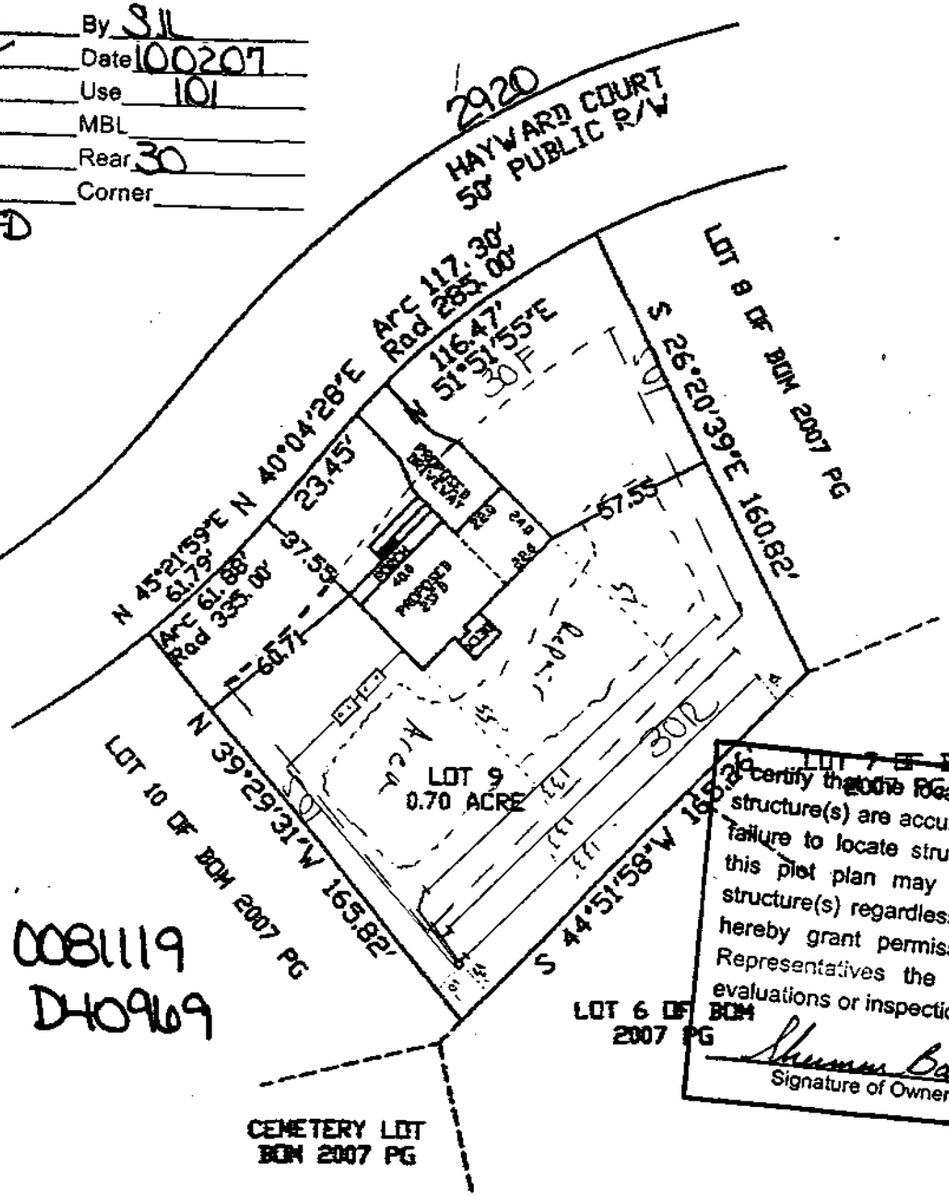
NOTES:
ALL INTERIOR LOTS SHALL HAVE A 10' EASEMENT, 5' EACH SIDE ALL LOT LINES.

A 5' DRAINAGE AND UTILITY EASEMENT SHALL LIE INSIDE ALL EXTERIOR BOUNDARY LINES.

A 10' WIDE GRADING, SLOPE, DRAINAGE AND UTILITY EASEMENT IS RESERVED ON THE LOT SIDE OF AND ADJACENT TO ALL STREET RIGHT-OF-WAYS.

NOTE: THIS PROPERTY IS SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.

PRELIMINARY PLAT- NOT FOR RECORDATION, CONVEYANCES, OR SALES.



0081119
D40969

I certify that the location of planned or existing structure(s) are accurately shown. I understand failure to locate structures in accordance with this plot 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 evaluations or inspections upon this property.

Sherman Batten
Signature of Owner or Authorized Agent

NC GRID NORTH
BOM 2007 PGS 2275-2278

DRAWN BY: CTP & BGW
CHECKED BY: CTP
DATE: 07-19-2007
SCALE: 1" = 60'
JOB: WOL CF
FB:

60 0 60 120 180
GRAPHIC SCALE - SHEET PLAN & 1726 HERE REVERSED

WILLIAMS - PEARCE & ASSOC., P.A.
P. O. BOX 892
ZEBULON, N. C.
PHONE: 269-9605

TAP CHART

Bench Mark	5.75	is = 100.00	set at	Septic Tank					
Pump tank elev.		5.75	6.50	**Pump elev.**	1.50		**Manifold elev.**		106.75
line	**color**	**rod read**	**Elevation**	**length**	**hole size**	**flow/tap**	**gal/day**	**trench area**	**LINE LTAR**
1			105.75	150	1in SCH 80	16.8	135.73	450	0.302
2			105.75	150	1in SCH 80	16.8	135.73	450	0.302
3			105.75	50	1/2in SCH 80	5.48	44.27	150	0.295
4			105.75	50	1/2in SCH 80	5.48	44.27	150	0.295
5			105.75		NA		0.00	0	#DIV/0!
6			105.75		NA		0.00	0	#DIV/0!
7			105.75		NA		0.00	0	#DIV/0!
8			105.75		NA		0.00	0	#DIV/0!
9			105.75		NA		0.00	0	#DIV/0!
10			105.75		NA		0.00	0	#DIV/0!
11			105.75		NA		0.00	0	#DIV/0!
12			105.75		NA		0.00	0	#DIV/0!
		total	**feet =**	**400**	**gal/min =**	**44.56**		**LTAR =**	**0.300**
% of Dose Vol.		70		**Des. Flow**	**360**			**(ltar + 5%)**	0.32
Dose Volume		182.00		**Pump Run=**	8.08			**(ltar W/ INOV)**	0.40
Dose Pump Time		4.08		**Tank Gal/IN**	20			**(ltar + 5%)**	0.420
Drawdown in Inches		9.10		**Elevation Head**	105.25				