Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

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

OP DATE: 1 0 1 0 8 1 2 0 0 9

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

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

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

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

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

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

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

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

CERT. OPERATOR
- [ ] Yes
- [x] 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.)

0 1 2 0 0

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

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

EC

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#: **D037921** STATUS: **A** APP. DATE: **09/01/2006** BLDG. PERMIT#: **0070755**
PIN: **0770.03 11 ~~8887-000~~** 2473 TAX MAP: RECORDED: **Y** ORIG. PERMIT#:
TOWNSHIP: **18 SWIFT CREEK** JURISDICTION: **WC** ZONING: **R30**
APPLICANT: **GC CUSTOM HOMES INC**
2929 BELLS POINTE CT
APEX, NC 27539
(919) 779 - 1997
USE: HD USE: **101 ONE-FAMILY HOUSE**
EXIST USE:
DISPOSAL: BEDROOMS: **4** BASEMENT: **N** #EMPLOYEES: **0**
SITE: ADDRESS: **3521 CASTELAINE CIR**
SUBDIVISION: **BROOKSHIRE MANO** LOT: **10** ACRES: **0.82**
DIRECTION: **HWY 401 S, TR 1010, GO 4-5 MI TL WESTLAKE RD,**
S/D 1 MI ON RT

Well System: WATER: **INDIVIDUAL** - TYPE: **NEW**

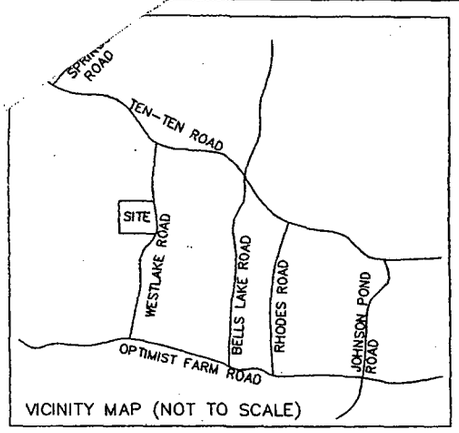
WELL LOG INFORMATION DEPTH: ' CASING DEPTH: ___ YIELD: _____ STATIC LEVEL: ___
WELL CONTRACTOR: Bryan Well REG.# 1663 PUMP CONTRACTOR: _____ REG.# _____
Construction Compliance GROUT APPROVED ☑ DATE 9/26/08 EHS LGM
WELLHEAD APPROVED ☐ DATE _____ EHS _____
SYSTEM FINALIZED DATE _____ EHS _____
COMMENTS: **INDIVIDUAL WELL PLACED SEE CA FOR PLACEMENT**

Operation Permit
DESIGN FLOW: _____ gal./min. ACTUAL FLOW: _____ INNOVATIVE LETTER:
INSTALLED BY: Dennis Medlin INSTALLATION APPROVED BY: Neal Eversole
PROPRIETARY SYSTEM: FILTER NO: Ecopolytex
COMMENTS:
OPERATIONS PERMIT ISSUED? Y OP DATE: 10/8/09 Travis A. Howard

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: 5/14 Benchmark: ST Rod reading: 5' Distance to Structure: 10'
ST: BTS1000 gals ID#: STB 109 D.O.M.: 1/8/08 Elev.: 5' Distance to Well: 100+'
PT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____
D-box/FD/PM elev.: 5'8" Supply Line: 2 ft. Pump/Control Panel: _____
Line 1: 6'9" ____ ____ ____ Date: 5/14 Line 6: ____ ____ ____ ____ Date: ____
Line 2: 6'11" ____ ____ ____ Date: ____ Line 7: ____ ____ ____ ____ Date: ____
Line 3: 7'8" ____ ____ ____ Date: ↓ Line 8: ____ ____ ____ ____ Date: ____
Line 4: 7'10" ____ ____ ____ Date: ____ Line 9: ____ ____ ____ ____ Date: ____
Line 5: ____ ____ ____ ____ Date: ____ Line 10: ____ ____ ____ ____ Date: ____
Distance to P/L: _____ Notes: _____

AS BUILT



VICINITY MAP (NOT TO SCALE)

CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD BEARING	CHORD
C1	167.20	335.00	S63°06'23"E	165.47

N.C.GRID NORTH NAD 83 BOOK OF MAPS 2004, PAGE 1573

N 85°21'40" W — 150.10'

10' 10'

30'

25' TREE & VEGETATION PROTECTION ZONE

214.07'

117.80

100 100 100 100

LOT 11
0.73 AC.

LOT 10
0.82 AC.

Repair

27'

5'

5' off patio

70.00

47.86

25' TREE & VEGETATION PROTECTION ZONE

N 01°52'19" E

LOT 10-
HOUSE- 4900 SQ FT
DRIVEWAY- 1000 SQ FT
TOTAL- 5900 SQ FT OF IMPERVIOUS SURFACE

0070755
D 37921

BUILDING SETBACKS
FRONT = 30'
SIDE = 10'
REAR = 30'

LEGEND
EIP = EXISTING IRON PIPE
MH = MANHOLE
FES = FLARED END SECTION
CTV = CABLE TV PEDESTAL
TP = TELEPHONE PEDESTAL
C/L = CENTERLINE
R/W = RIGHT OF WAY

NOTES:
NOT FOR RECORDING, INFORMATION FOUND. PROPERTY SUBJECT TO ANY EASEMENTS OF RECORD.
MAXIMUM ALLOWABLE IMPERVIOUS SURFACE AREA IN EACH LOT IS 6,862 SQ. FT.
EASEMENTS FOR INSTALLATION AND MAINTENANCE OF UTILITIES AND DRAINAGE FACILITIES ARE RESERVED OVER 10' AT REAR AND 5' ON EACH SIDE LINE OF EACH LOT.
PRELIMINARY PLAT – BUILDER TO VERIFY HOUSE DIMENSIONS AND BUILDING SETBACKS.

70.00

50.00

S 01°52'40" W

60.00

PROPOSED HOUSE

60.00

30.00

70.00

DRIVEWAY

40.30

30'F

C1

3521 CASTELAINE CIRCLE

C/L 50' PUBLIC R/W

276.81'

TEMPORARY TURNAROUND

49.85

70.00

LOT 9
2.27 AC.

TEMPORARY CONSTRUCTION EASEMENT

Zoning R30 By CHC
Approve ✓ Date 8/30/06
Revise _____ Use 101
Reject _____ MBL _____
Front 30 Rear 30
Side 10 Corner _____
Comments: SFD

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 ~~or inspections upon this property~~

_____
Signature of Owner or Authorized Agent

Pin# 0770 03 11 8887

THIS PROPERTY ~~IS/~~IS NOT LOCATED IN AN AREA DESIGNATED AS HAVING SPECIAL FLOOD HAZARDS ACCORDING TO FLOOD INSURANCE RATE MAP #3720077000 J EFFECTIVE DATE: MAY 2, 2006

LOT 10 BLOCK _____ SECTION _____
SUBDIVISION BROOKSHIRE MANOR
RECORDED IN BOOK OF MAPS 2006 PAGE 1573 WAKE COUNTY REGISTRY

PLOT PLAN

SAW
2006348

I, SONYA A. WARD, HEREBY CERTIFY THAT THIS MAP IS CORRECT, THAT THE BUILDINGS LIE WHOLLY ON THE LOT, AND THAT THERE ARE NO ENCROACHMENTS OF OTHER BUILDINGS ON THE SAID LOT, EXCEPT AS SHOWN ON SURVEY.

SURVEY FOR:
G.C. CUSTOM HOMES

SWIFT CREEK TOWNSHIP WAKE CO. N.C.

SCALE: 1" = 50'

DATE: 08/17/06

BOOK #:

WARD & ASSOCIATES, PLLC
CIVIL ENGINEERS & SURVEYORS
APEX, N.C. (919) 367-7858

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WELL AND SEWAGE SITE LOCATION PERMIT
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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#: **D037921** STATUS: **A** APP. DATE: **09/01/2006** BLDG. PERMIT#: **0070755**
PIN: **0770.03 11 ~~8687.000~~** 2673 TAX MAP: RECORDED: **Y** ORIG. PERMIT#:
TOWNSHIP: **18 SWIFT CREEK** JURISDICTION: **WC** ZONING: **R30**
APPLICANT: **GC CUSTOM HOMES INC**
2929 BELLS POINTE CT
APEX, NC 27539
(919) 779 - 1997
USE: HD USE: **101 ONE-FAMILY HOUSE**
EXIST USE:
DISPOSAL: BEDROOMS: **4** BASEMENT: **N** #EMPLOYEES: **0** FOUND DRAIN: **N**
SITE: ADDRESS: **3521 CASTELAINE CIR**
SUBDIVISION: **BROOKSHIRE MANO** LOT: **10** ACRES: **0.82**
DIRECTION: **HWY 401 S, TR 1010, GO 4-5 MI TL WESTLAKE RD, S/D 1 MI ON RT**

IMPROVEMENT PERMIT

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

COMMENTS:

IP ISSUED? Y DATE: **09/13/2006** BY: (TAH) Travis A. Howard PHONE#: **369-5974**

AUTHORIZATION FOR WASTEWATER/WATER SYSTEM CONSTRUCTION
VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE
AUTHORIZATION CONDITIONS:

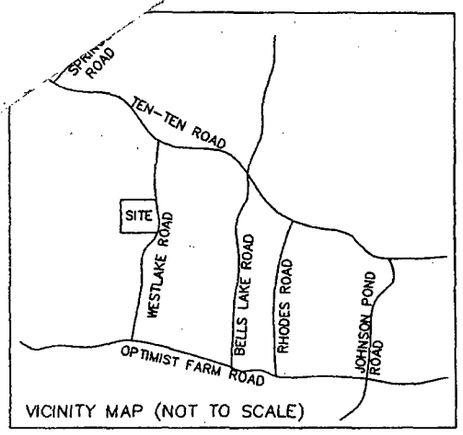
Contractors shall install system on contours, see attached site plan for wastewater system design and well location. No underground utilities, water lines or sprinkler systems may be located in the original system or repair areas. A septic tank filter with a riser for access is required. The wastewater 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 PUMP TO DISTRIBUTION BOX, HOWEVER IF GRAVITY IS ACHIEVABLE THERE WILL BE NO NEED FOR A PUMP. ACCEPTED STATUS HAS BEEN TAKEN GIVING IT A 25% REDUCTION IN DRAIN LINE LENGTH. A 1200 GALLON SEPTIC AND PUMP TANK WILL BE REQUIRED. NO FOUNDATION DRAIN IS TO BE INSTALLED AROUND HOUSE FOUNDATION. PROTECT REPAIR AREA AND MAINTAIN FOUNDATION AND PROPERTY LINE SETBACKS. INSTALL 4-100'X 3' DRAINLINES WITH A 24" MAXIMUM TRENCH BOTTOM. CALL PRIOR TO INSTALLATION WITH QUESTIONS OR CONCERNS. WC:
INDIVIDUAL WELL PLACED SEE CA FOR PLACEMENT WC:
10/09/06 - RECEIVED REVISION TO CHANGE FROM YES TO NO.KDJ

TANK SIZE: **1200** gal. PUMP TANK: **~~1200~~** gal. SQ FT: **1200** INNOVATIVE MAX DEPTH LINE: **24** in.
MAINT: **N** OPER: **N** L/O: **Y** TRENCH#: **4** LENGTH: **100** ft. WIDTH: ___ in. DESIGNER: ___
SUBFIELDS: __ DESIGN HEAD PRESSURE: _ DESIGN FLOW: _____ gal/min DOSE VOLUME: ____ gal.

CA ISSUED? Y DATE: **09/13/2006** BY: (TAH) Travis A. Howard PHONE#: **369-5974**

CA



VICINITY MAP (NOT TO SCALE)

CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD BEARING	CHORD
C1	167.20	335.00	S63°06'23"E	165.47

Initial
0.3 LTAR

1200 gallon septic & pump tank
Accepted status Taken - 25% Reduction
utilize gravity if achievable otherwise
pump to D-Box.
4-100' x 3' Lines 24" Max Trench Bottom

Well Placed
30' off house
50' off property line

N 85°21'40" W — 150.10'

25' TREE & VEGETATION PROTECTION ZONE

Repair Accepted status Pressure Manifold
0.3 LTAR Gravity if Achievable
5-80' x 3' Lines
24" Max Trench Bottom

LOT 11
0.73 AC.

LOT 10
0.82 AC.

214.27'
117.80'
4-100'x3' Lines
N 01°52'19" E
70.00
47.86
25' TREE & VEGETATION PROTECTION ZONE
PROPOSED HOUSE
60.00
60.00
S 01°52'40" W
50.00
70.00
DRIVEWAY
40.30
30'
Well
50'
30'F
276.81'
C1
3521 CASTELAINE CIRCLE
C/L 50' PUBLIC R/W
TEMPORARY TURNAROUND
49.85
70.00
LOT 9
2.27 AC.
TEMPORARY CONSTRUCTION EASEMENT

LOT 10-
HOUSE- 4900 SQ FT
DRIVEWAY- 1000 SQ FT
TOTAL- 5900 SQ FT OF IMPERVIOUS SURFACE

0070755
D 37921

BUILDING SETBACKS
FRONT = 30'
SIDE = 10'
REAR = 30'

BTS 1200
STB 102
1/8/08
Recl poly

LEGEND
EIP = EXISTING IRON PIPE
MH = MANHOLE
FES = FLARED END SECTION
CTV = CABLE TV PEDESTAL
TP = TELEPHONE PEDESTAL
C/L = CENTERLINE
R/W = RIGHT OF WAY

d box - 5'8"
06'9"
06'11"
07'8"
07'10"

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FACILITIES ARE RESERVED OVER 10' AT REAR
AND 5' ON EACH SIDE LINE OF EACH LOT.
PRELIMINARY PLAT - BUILDER TO VERIFY
HOUSE DIMENSIONS AND BUILDING SETBACKS.

Zoning R30 By CHL
Approve ✓ Date 8/30/06
Revise _____ Use 101
Reject _____ MBL _____
Front 30 Rear 30
Side 10 Corner _____
Comments: SFD

Pin# 0770 03 11 8887

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SWIFT CREEK TOWNSHIP WAKE CO. N.C.

SCALE: 1" = 50'
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