Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: 0 0 4 4 9 2 4 PIN #: 0 6 7 8 0 6 6 8 0 8

OP DATE: 1 0 / 1 1 3 / 2 6 1 0

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

W9779

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

JAH

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#: **D044924** STATUS: **A** APP. DATE: **05/03/2010** BLDG. PERMIT#: **0102161**
PIN: **0678.01 06 6808 000** TAX MAP: **0** RECORDED: **Y** ORIG. PERMIT#:
TOWNSHIP: **12 MIDDLE CREEK** JURISDICTION: **WC** ZONING: **R30** SW DEVICE: **N** S#:
APPLICANT: **BARNES BUILDERS & REALTY, INC**
6509 PRESTWICK PL
FUQUAY VARINA, NC 27526
(919) 552 - 2656
USE: HD USE: **101A CONVENTIONAL ONE-FAMILY H**
EXIST USE:
LTAR: **0.30 0.30** BEDROOMS: **4** BASEMENT: **N** #EMPLOYEES: **0**
SITE: ADDRESS: **5112 HIGHBURY GROVE LN**
SUBDIVISION: **HIGH GROVE** LOT: **46** ACRES: **0.70** EASEMENT: **N** LOC: SYS:
DIRECTION: **401S R HILLTOP NEEDMORE R INTO HIGH GROVE R HIG**
HBURY GROVE 2ND LOT ON L

Well System: WATER: **COMMUNITY** - 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:

Operation Permit

DESIGN FLOW: _____ gal./min. ACTUAL FLOW: _____ INNOVATIVE LETTER: Travis C Howard

INSTALLED BY: Dennis Medlin INSTALLATION APPROVED BY: _____
PROPRIETARY SYSTEM: EZ Flow FILTER NO: _____
COMMENTS:

OPERATIONS PERMIT ISSUED? Y OP DATE: 10/13/10 BY: Travis C 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: In Line Property Corner iron from lot beside on Left.

Date: 10/13/10 Benchmark: Top of Rod reading: 3'90" Distance to Structure: —
ST: 1200 gals ID#: BJS SSB102 D.O.M.: 8/19/10 Elev.: 2'6" Distance to Well: —
PT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____
D-box/FD/PM elev.: 3'6" Supply Line: _____ ft. Pump/Control Panel: _____

Line 1:	5'0"				Date: 10/13	Line 6:					Date:
Line 2:	5'10"				Date:	Line 7:					Date:
Line 3:	6'8"				Date:	Line 8:					Date:
Line 4:	7'4"				Date:	Line 9:					Date:
Line 5:					Date:	Line 10:					Date:

Distance to P/L: _____ Notes: _____

4-100' x 3' EZ Flow

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DIRECTION: **401S R HILLTOP NEEDMORE R INTO HIGH GROVE R HIG**
HBURY GROVE 2ND LOT ON L

IMPROVEMENT PERMIT

TANK SIZE: **1200** gal. PUMP Tank: _____ gal. SQ FT: **1200** INNOVATIVE MAX DEPTH LINE: **22** 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: **05/19/2010** BY: **(AMH)** Adrienne Holloway REHS PHONE#: **422-3751**

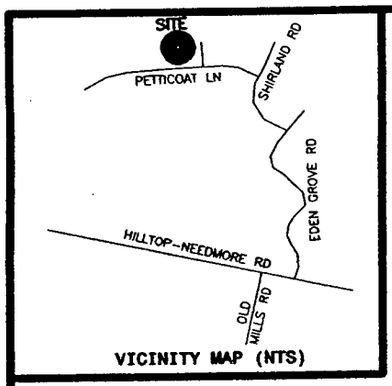
AUTHORIZATION FOR WASTEWATER/WATER SYSTEM CONSTRUCTION
VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE
AUTHORIZATION CONDITIONS:

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 SYSTEM AS SHOWN ON SITE PLAN. DO NOT GRADE OR FILL IN SEPTIC OR REPAIR AREA. CALL PRIOR TO INSTALLATION WITH ANY QUESTIONS.

TANK SIZE: **1200** gal. PUMP TANK: _____ gal. SQ FT: **1200** INNOVATIVE MAX DEPTH LINE: **22** in.
MAINT: **N** OPER: **N** L/O: **N** TRENCH#: **4** LENGTH: **100** ft. WIDTH: **36** in. DESIGNER: ___
SUBFIELDS: __ DESIGN HEAD PRESSURE: _ DESIGN FLOW: _____ gal/min DOSE VOLUME: ____ gal.

CA ISSUED? **Y** DATE: **05/19/2010** BY: **(AMH)** Adrienne Holloway REHS PHONE#: **422-3751** C.HH 5-21-10

As Built



VICINITY MAP (NTS)

LEGEND

NTS	NOT TO SCALE
EIP	EXISTING IRON PIPE
PP	POWER POLE
W/M	WATER METER
TB	TELEPHONE BOX
IPS	IRON PIPE SET
CP&L	TRANSFORMER
CATV	CABLE TV BOX
L. POLE	LIGHT POLE
OHPL	OVERHEAD POWER LINE
F.E.S.	FLARED END SECTION (PIPE)
RCP	REINFORCED CONC. PIPE
B.O.C.	BACK OF CURB
F.H.	FIRE HYDRANT
C\O	SEWER CLEAN OUT
EIS	EXISTING IRON STAKE
M.H.	MANHOLE
ECM	EXISTING CONCRETE MONUMENT
P.K.	PARKER KALON NAIL

Zoning B30 By SW
Approve V Date 05.03.10
Revise Use 101A
Reject MBL
Front 30 Rear 30 Side 10 Corner
Comments:

IMPERVIOUS SURFACE TABLE

HOUSE	2893
DRIVEWAY	2149
SIDEWALK	241
TOTAL IMPERVIOUS AREA	5283
TOTAL LOT AREA	30655

PERCENTAGE OF IMPERVIOUS AREA 17.2%
IMPERVIOUS SURFACE COVERAGE ALLOWED PER M.B. 2007, Pg. 2441 IS 6500 Sq. Ft.

PIN: 0678010606808

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 structures regardless degree of completion. I hereby grant permission to Municipal/County Representatives the right of entry to make evaluations or inspections upon this property.

Signature of Owner or Authorized Agent

5112 HIGHBURY GROVE LANE

(50' PUBLIC R/W)

0102101 D44924

NOTE: SHOWN IS LOT 46 OF HIGH GROVE S/D - PHASE 2
REF: B.O.M.2007 PG.2439-2442

AREA = 0.703 ACRES
5112 HIGHBURY GROVE LANE

40 0 40 80 120
GRAPHIC SCALE – FEET

THIS IS TO CERTIFY THAT THIS MAP WAS PREPARED FROM AN ACTUAL SURVEY OF THE PREMISES, MADE UNDER MY SUPERVISION, AND THAT THERE ARE NOT ANY ENCROACHMENTS, EXCEPT AS NOTED TO THE BEST OF MY KNOWLEDGE. THAT THE RATIO OF PRECISION AS CALCULATED BY LATITUDES AND DEPARTURES IS 1:10,000. THIS MAP WAS PREPARED FOR FOR TITLE COMPANY USE AND IS NOT INTENDED FOR RECORDATION OR CONVEYANCES WITHOUT WRITTEN AUTHORIZATION OF THE SURVEYOR AND OTHER APPROPRIATE OFFICIALS.

PROFESSIONAL LAND SURVEYOR
L-3247

PRELIMINARY PLAT
NOT FOR RECORDATION

PRELIMINARY PLOT PLAN FOR:

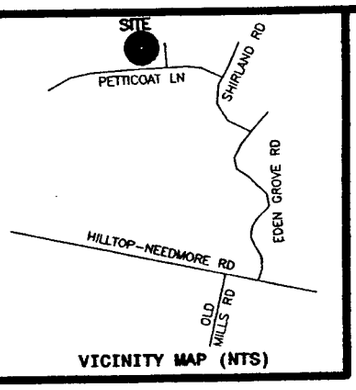
BARNES BUILDERS & REALTY

MIDDLE CREEK TWSP., WAKE CO., N.C.
SCALE 1" = 40' APRIL 13, 2010

MAULDIN – WATKINS SURVEYING, P.A.
P.O. BOX 444 / 1301 W. BROAD ST.
FUQUAY VARINA, NORTH CAROLINA 27526
(919) 552-9328

3113-46

CA Site Plan



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CA Site Plan
4x100x3
Accepted Status System
Accepted Status Repair
D box
22" Trench Depth

N.C. GRID NORTH, NAD 27
(REF: B.O.M.2007, PG.2439-2442)

Community Water

41 40 44 46 47 45

20' PUBLIC DRAINAGE EASEMENT

N 19°40'43"E 111.38'

N 70°40'51"W 272.47'

S 71°32'18"E 268.23'

S 17°32'39"W 115.45'

76.68'

195.79'

163.7'

30R

30F

Repair Area

14.0 DECK 6.0
28.0 SCREEN PORCH 7.7
12.6 18.3 12.6
11.5
33.0' 20.4 10.8
12.7 4.3
PROPOSED HOUSE
PROPOSED DRIVE
21.8 35.8
21.8 13.5 13.5 14.5'
5.0 10.2 5.0
50.0'

Zoning B30 By
Approve ✓ Date 05.03.10
Revise Use 101A
Reject MBL
Front 30 Rear 30
Side 10 Corner
Comments:

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0102161 D-4492

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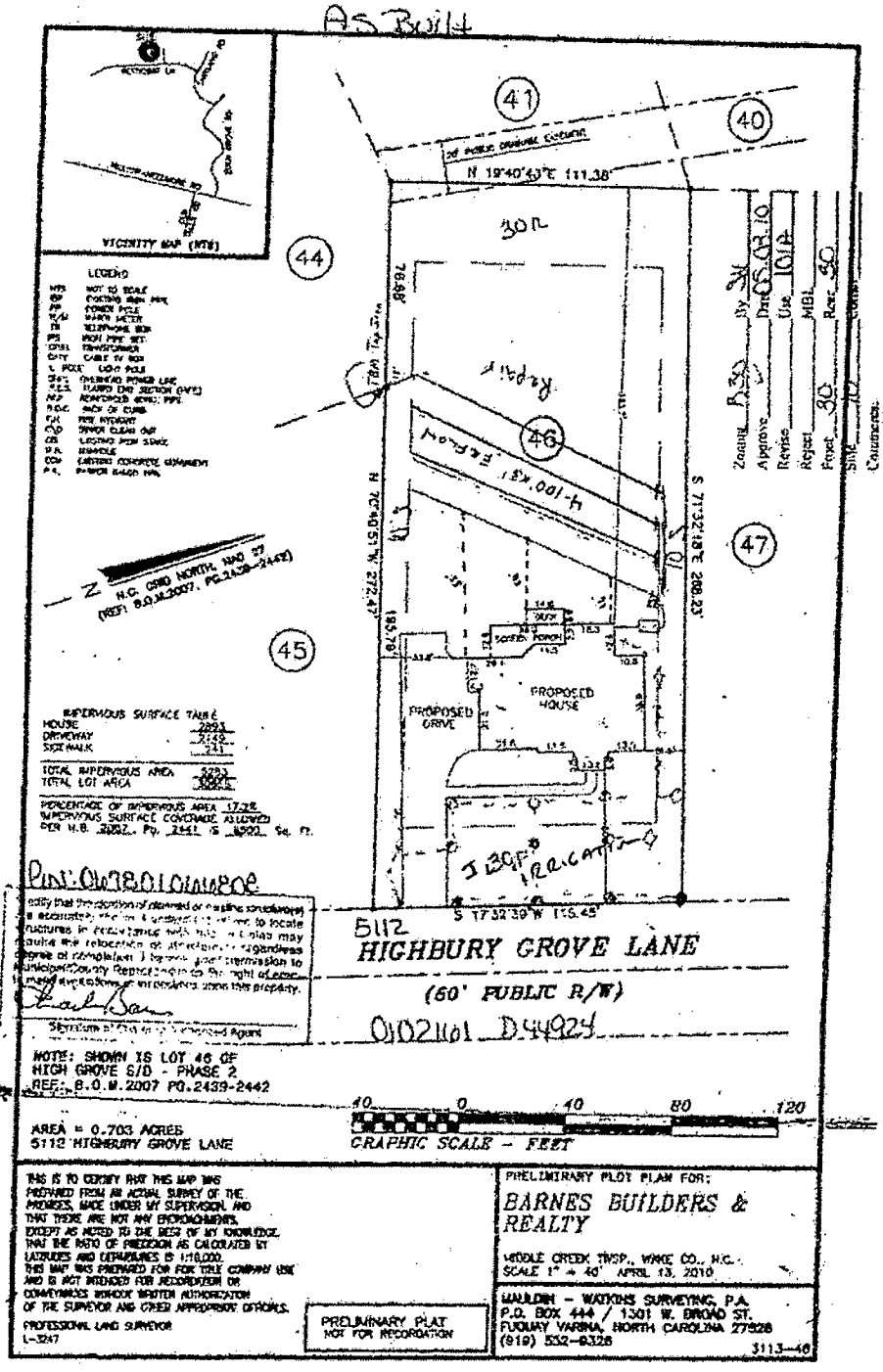

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Site plan approved as shown for IRRIGATION IN FRONT YARD
Any changes to site plan voids approval. All setbacks apply for septic systems and wells, regarding any pools, decks, additions and/or accessory structures. Applicant is responsible for protecting all portions of the septic system, repair area and wells from damage during construction. Adhere to all Local and State Rules.

Approved by [signature] **Date** 4-19-13
Wake County Department of Environmental Services.
Water and Waste Water Section