

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: 0051518

PIN #: 0685968817

OP DATE: 1111812014

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

- | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|------------------|
| ☐ | ☐ | | 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.)

01035

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#: **D051518** STATUS: **A** APP. DATE: **07/17/2014** BLDG. PERMIT#: **0150153**
PIN: **0685 96 8817 000** TAX MAP: **0** RECORDED: **Y** ORIG. PERMIT#: _____
TOWNSHIP: **12 MIDDLE CREEK** JURISDICTION: **WC** ZONING: **R30** SW DEVICE: **N S#:**
APPLICANT: **STEWART, JOSEPH** (704) 399 - 4663
2857 WESTPORT RD CHARLOTTE, NC 28208
USE: HD USE: **101A CONVENTIONAL ONE-FAMILY HOUSE** EXIST USE: _____
LTAR: **0.35 0.35** BEDROOMS: **4** BASEMENT: **N** #EMPLOYEES: **0**
SITE: ADDRESS: **8320 PIN CHERRY DR**
SUBDIVISION: **HONEYCUTT LANDI** LOT: **52** ACRES: **0.50** EASEMENT: **N** LOC: **SYS:**
DIRECTION: **401S L OLD STAGE SUB ON R**

Well System: WATER: COMMUNITY - TYPE:

WELL LOG INFORMATION: DEPTH: _____ CASING DEPTH: _____ YIELD: _____ STATIC LEVEL: _____
WELL 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: _____ DOSE VOLUME: _____ gal. INNOVATIVE LETTER: _____
INSTALLED BY: Jay Adcock INSTALLATION APPROVED BY: Alm Alcock
PROPRIETARY SYSTEM: EZ FLOW TYPE SYSTEM: **III B**

COMMENTS: _____

OPERATIONS PERMIT ISSUED? Y OP DATE: 11/18/14 BY: Alm Alcock

Systems defined as either a Type IIIb, IIIg with a pump, IV, V or VI, in accordance with the North Carolina Administrative Code 15A NCAC 18A .1961, Table V as adopted by reference in the "Regulations Governing Wastewater Treatment and Dispersal Systems in Wake County", require Wake County Environmental Services to conduct periodic inspections on this type system, pursuant to 15A NCAC 18A .1961 (j). Fees for these inspections will be charged as per the approved Fee Schedule. In addition, all systems are to be operated and maintained as specified in 15A NCAC 18A .1961. 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: 11/18/14 Benchmark: ST Rod reading: 3' 7 3/4" Distance to Structure: 10'
ST: 1250 gals ID#: STB 384 D.O.M.: 4/16/14 Elev.: 3' 7 3/4" Distance to Well: NA
PT: 1230 gals ID#: PT 364 D.O.M.: 3/11/14 Elev.: 4' 2" Distance to P/L: _____
GT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Pretreatment: _____
D-box/FD/PM elev.: 11-tee 29 1/2 Supply Line: 48 ft. Pump/Ctrl Panel: _____ Filter: _____
Line 1: 5' 0" _____ Date: _____ Line 6: _____ Date: _____
Line 2: 5' 2 3/4" _____ Date: _____ Line 7: _____ Date: _____
Line 3: 5' 4 3/4" _____ Date: _____ Line 8: _____ Date: _____
Line 4: _____ Date: _____ Line 9: _____ Date: _____
Line 5: _____ Date: _____ Line 10: _____ Date: _____
ETM1: _____ CC1: _____ ETM2: _____ CC2: _____ OR: _____ AC: _____ WM: _____
Notes: _____

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APPLICANT: **STEWART, JOSEPH** (704) 399 - 4663
2857 WESTPORT RD CHARLOTTE, NC 28208
HD USE: **101A CONVENTIONAL ONE-FAMILY HOUSE** EXIST USE: DESIGN FEE REQ?: PAID?:
LTAR: **0.35 0.35** BEDROOMS: **4** BASEMENT: **N** #EMPLOYEES: **0** FOUNDATION DRAIN: **Y**
SITE: ADDRESS: **8320 PIN CHERRY DR**
SUBDIVISION: **HONEYCUTT LANDI** LOT: **52** ACRES: **0.50** EASEMENT: **N** LOC: **SYS:**
DIRECTION: **401S L OLD STAGE SUB ON R**

IMPROVEMENT PERMIT

As per GS 130A-335 (f), Improvement Permit is based on a Site Plan and is void Sixty (60) months from date of issuance: ☐

As per GS 130A-335 (f), Improvement Permit is based on a Plat and is valid without expiration: ☐

Permit is subject to revocation if the site plan or plat, whichever is applicable, or the intended use changes.

TANK SIZE: **1200** gal. PUMP Tank: **1200** gal. GREASE TRAP: gal. SQ FT: **1056** **ACCEPTED STATUS** MAX DEPTH LINE: **24** in.
WASTEWATER: **INDIVIDUAL** SEWAGE: **DOMESTIC** TYPE SYSTEM: **III B** PUMP: **Y** P/M: **Y** LP: TD:
DAILY FLOW: **480** gal/day WATER: **COMMUNITY** PRETREATMENT: **NA** FILL: DAF: DEEP: REDUCE35%:

COMMENTS:

IP ISSUED? **Y** DATE: **08/14/2014** BY: **(JEW)** *Joe Perkins* PHONE#: **(919)-856-7342**

AUTHORIZATION FOR WASTEWATER/WATER SYSTEM CONSTRUCTION

VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE

AUTHORIZATION CONDITIONS:

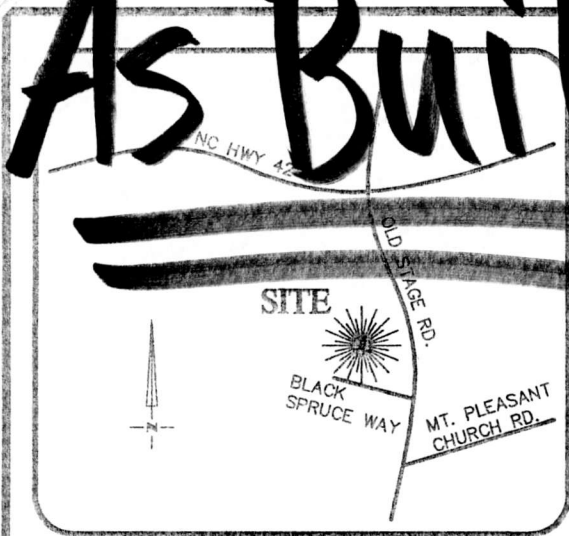
Contractors shall install system on contours, see attached site plan for wastewater system design and well location. No underground utilities, water lines or sprinkler systems may be located in the original system or repair areas. A septic tank filter with a riser for access is required. The wastewater 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 LINES ON CONTOUR. MAINTAIN ALL SETBACKS. CALL PRIOR TO INSTALLATION WITH ANY QUESTIONS COMMENTS OR CONCERNS.

TANK SIZE: **1200** gal. PUMP TANK: **1200** gal. GREASE TRAP: gal. SQ FT: **1056** **ACCEPTED STATUS** MAX DEPTH LINE: **24** in.
MAINT: **N** OPER: **N** L/O: **Y** TRENCH#: **3** LENGTH: **115** ft. WIDTH: **36** in. DESIGNER:
SUBFIELDS: **1** DESIGN HEAD PRESSURE: **2** DESIGN FLOW: gal/min DOSE VOLUME: gal. PRETREATMENT: **NA**

CA ISSUED? **Y** DATE: **08/14/2014** BY: **(JEW)** *Joe Perkins* PHONE#: **(919)-856-7342**

As Built



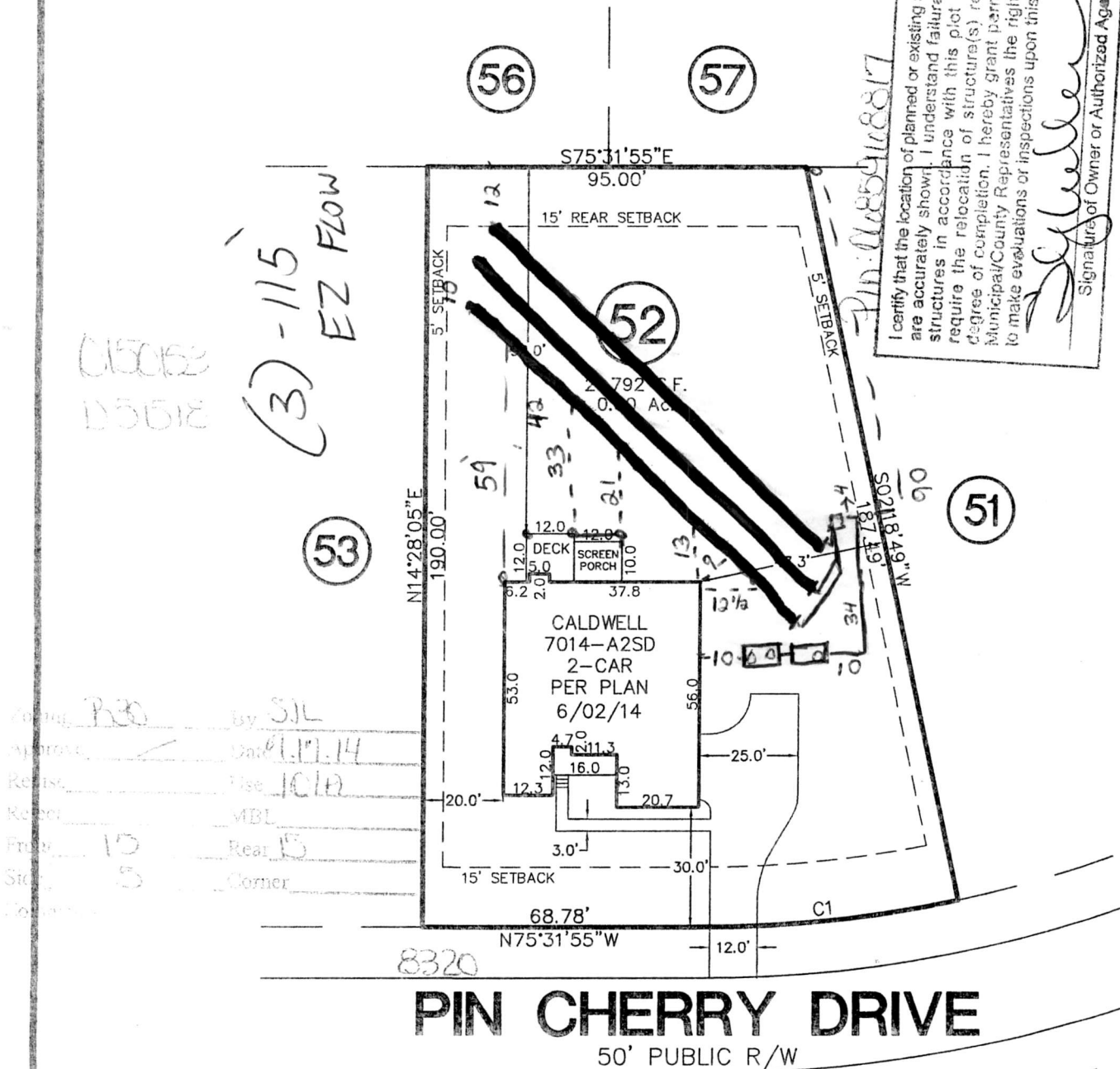
VICINITY MAP
Not To Scale

IMPERVIOUS SURFACE AREA	
DESCRIPTION	AREA
HOUSE w/ PORCH	2,590 S.F.
DECK/PATIO/HVAC	129 S.F.
DRIVEWAY & WALKS	1,187 S.F.
TOTAL (PROPOSED)=	3,906 S.F.
TOTAL (ALLOWED) =	3,960 S.F.

MISA

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.

Signature of Owner or Authorized Agent



PIN CHERRY DRIVE

50' PUBLIC R/W

CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD	CH BEARING
C1	66.17	300.00	66.04	S81°22'06"E

THIS PROPERTY MAY BE SUBJECT TO ANY AND ALL APPLICABLE DEED RESTRICTIONS, EASEMENTS, RIGHT-OF-WAY, UTILITIES AND RESTRICTIVE COVENANTS WHICH MAY BE OF RECORD OR IMPLIED

THIS DRAWING DOES NOT
REFLECT AS-BUILT INFORMATION

PRELIMINARY PLAT
NOT FOR RECORDATION, CONVEYANCES, OR SALES

RESIDENTIAL LAND SERVICES, PLLC.

1500 Piney Plains Road, Suite 102
Cary, North Carolina 27518
Phone (919) 977-1554
Firm License # P-0873

HOUSE LOCATION PLOT PLAN

FOR

#8320 PIN CHERRY DRIVE

LOT 52, HONEYCUTT LANDING, PHASE ONE

Middle Creek & Panther Branch Township, Wake County, North Carolina

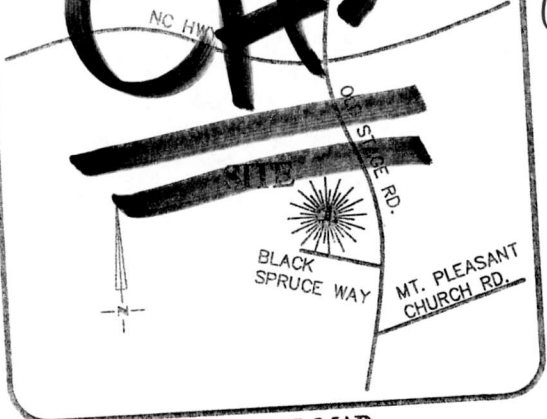
PROPERTY OF: EASTWOOD HOMES

PLAT BOOK 2008 PAGE 682-685 DEED REFERENCE

DRAWN BY: JWW

DATE: JULY 9, 2014

CA. Part "A"
(1083)



VICINITY MAP
Not To Scale

IMPERVIOUS SURFACE AREA	
DESCRIPTION	AREA
HOUSE w/ PORCH	2,590 S.F.
DECK/PATIO/HVAC	129 S.F.
DRIVEWAY & WALKS	1,187 S.F.
TOTAL (PROPOSED)=	3,906 S.F.
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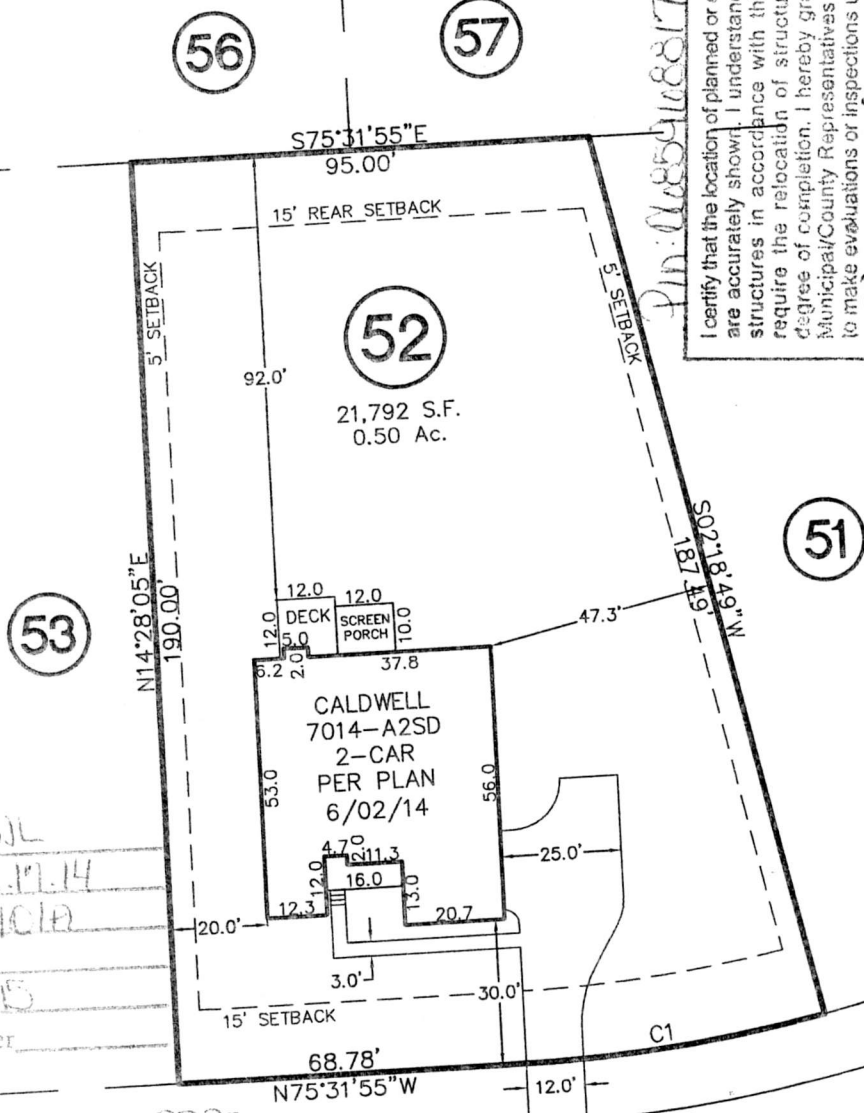
MISA

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Signature of Owner or Authorized Agent

0150152
D5512

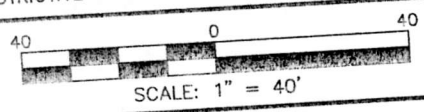
By SJL
Date 7.17.14
Use IC1A
MBL
Front 15 Rear 15
Side 5 Corner
Comments



8320
PIN CHERRY DRIVE
50' PUBLIC R/W

CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD	CH BEARING
C1	66.17	300.00	66.04	S81°22'06"E

THIS PROPERTY MAY BE SUBJECT TO ANY AND ALL APPLICABLE DEED RESTRICTIONS, EASEMENTS, RIGHT-OF-WAY, UTILITIES AND RESTRICTIVE COVENANTS WHICH MAY BE OF RECORD OR IMPLIED



SCALE: 1" = 40'

**RESIDENTIAL
LAND SERVICES, PLLC.**

1500 Piney Plains Road, Suite 102
Cary, North Carolina 27518
Phone (919) 977-1554
Firm License # P-0873

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PRELIMINARY PLAT
NOT FOR RECORDATION, CONVEYANCES, OR SALES.

HOUSE LOCATION PLOT PLAN

FOR
#8320 PIN CHERRY DRIVE
LOT 52, HONEYCUTT LANDING, PHASE ONE
Middle Creek & Panther Branch Township, Wake County, North Carolina
PROPERTY OF: EASTWOOD HOMES
PLAT BOOK 2008 PAGE 682-685 DEED REFERENCE

DRAWN BY: JWW

DATE: JULY 9, 2014

Eastwood Homes
Honeycutt Landing
Lot # 52
4-Bedroom Septic System Layout



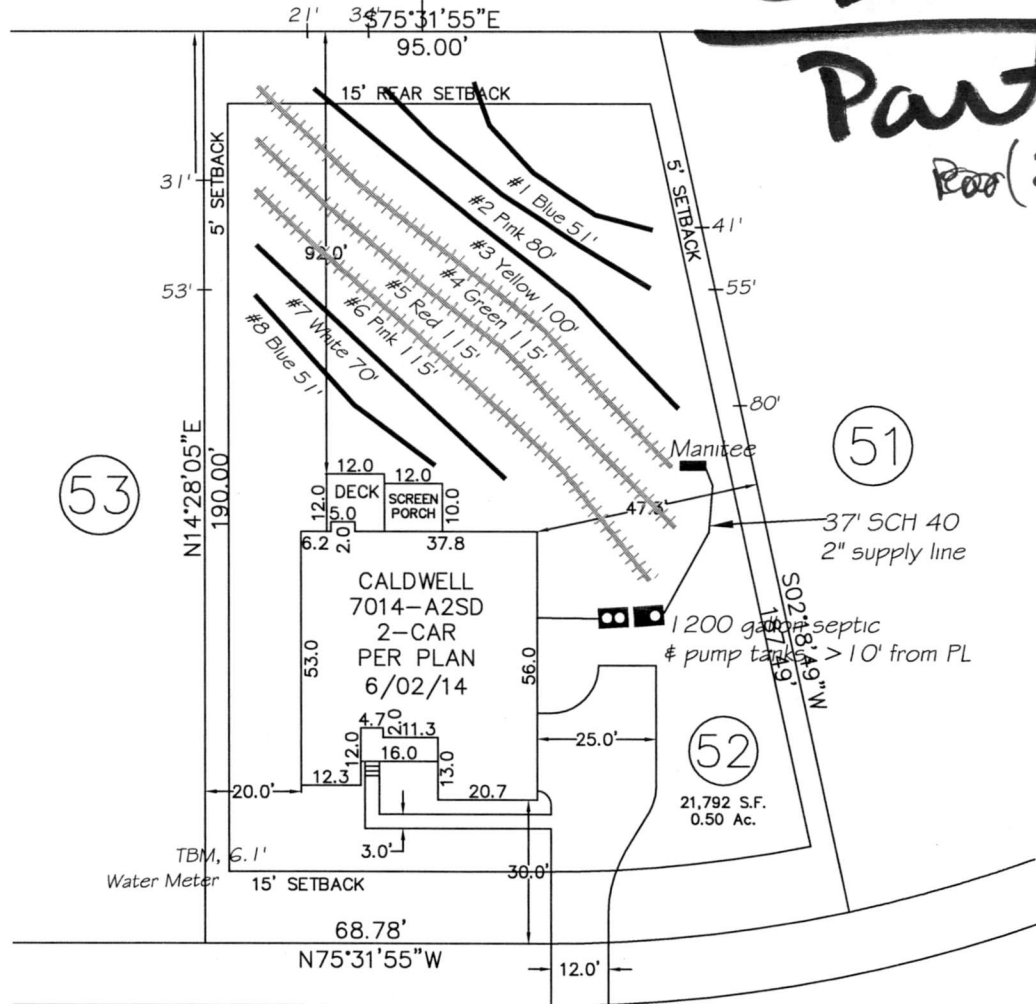
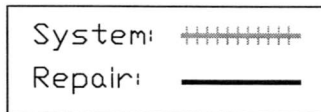
(56)

(57)

CA:
Part "B"
Poo (2 of 3)

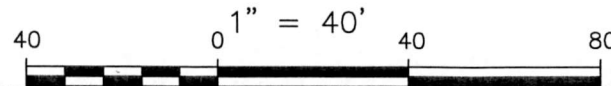
No Foundation Drains

- *Keep Tanks and Drain lines 10' from property lines.
- *Not a Survey
- *Not a guarantee of a septic permit.
- *Keep supply lines >5' from property lines.



PIN CHERRY DRIVE
50' PUBLIC R/W

GRAPHIC SCALE



System: Pressure Manatee
Lines: 3-5, (270')
0.35 Soil LTAR
24" Trench Bottom
Accepted Status System

Repair: Pressure Manifold
Lines: Lines 1-3, (257')
0.35 Soil LTAR
24" Trench Bottom
Accepted Status System

Central Carolina
Soil Consulting
919-569-6704
Project # 1153

CA: Part "C"
(3 of 3)

Honeycutt Landing Lot 52 Tap Chart

Bench Mark	6.10	is = 100.00		Location of BM		Elevation Head			10.80
Pump tank elev.		7	99.10	Pump elev.	94.10	Manifold elev.			104.90
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1	Blue	2.20	103.90	51	1/2in SCH 80	5.48	74.56	153	0.4873
2	Pink	2.50	103.60	80	1/2in SCH 40	7.11	96.73	240	0.4031
3	Yellow	2.70	103.40	100	3/4in SCH 80	10.1	137.41	300	0.4580
7	White	3.90	102.20	70	1/2in SCH 40	7.11	96.73	210	0.4606
8	Blue	4.00	102.10	51	1/2in SCH 80	5.48	74.56	153	0.4873

total feet = 352 gal/min = 35.28

LTAR = 0.3500

LTAR + %5 0.3675

% of Dose Vol. 75

Des. Flow 480

(ltar W/ INOV) 0.4667

Dose Volume 171.60

Pump Run= 13.61

(ltar W/ INOV + 5%) 0.4900

Dose Pump Time 4.86

Tank Gal/IN 21

Drawdown in Inches 8.17