Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: D 0 5 1 8 3 4

PIN #: 1 8 1 1 7 0 8 5 2 9

OP DATE: 0 6 / 1 1 / 2 0 1 8

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

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

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

PRESSURE MANIFOLD:
- [x] Yes
- [ ] 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
- [ ] 3
- [ ] 4
- [x] 5
- [ ] 6
- [ ] Other

MAINT. SCHEDULE:
- [x] Yes
- [ ] 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 5 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

MYB

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#: **D051834** STATUS: **A** APP. DATE: **09/15/2014** BLDG. PERMIT#: **0150759**
PIN: **1811 70 8529 000** TAX MAP: **0** RECORDED: **Y** ORIG. PERMIT#:
TOWNSHIP: **14 NEW LIGHT** JURISDICTION: **WC** ZONING: **R80W** SW DEVICE: **N** S#:
APPLICANT: **TERRAMOR HOMES** **(919) 795 - 8945**
7208 FALLS OF NEUSE STE 201 RALEIGH, NC 27615
USE: HD USE: **101A CONVENTIONAL ONE-FAMILY HOUSE** EXIST USE:
LTAR: **0.30 0.30** BEDROOMS: **5** BASEMENT: **Y** #EMPLOYEES: **0**
SITE: ADDRESS: **9824 CLOEY DR**
SUBDIVISION: **CLOEY MANOR** LOT: **2B** ACRES: **3.14** EASEMENT: **N** LOC: SYS:
DIRECTION: **98 L CHOPLIN R OLD KEITH R CLOEY MANOR**

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

WELL LOG INFORMATION: DEPTH: 704 CASING DEPTH: 35 YIELD: 15 STATIC LEVEL: 20
WELL CONTRACTOR: NW Pooler REG.# 4854 PUMP CONTRACTOR: NW Pooler REG.# _____

Construction Compliance				
GROUT APPROVED	☑	DATE 3/29/17	EHS	WWM
WELLHEAD APPROVED	☑	DATE 3/29/17	EHS	
SYSTEM FINALIZED	☑	DATE 7/14/17	EHS	

COMMENTS: **WELL LOCATION IS SHOWN ON CA SITE PLAN PART B IS PROPOSED BY CONSULTANT. ORIGINAL WELL LOCATION WAS PROPOSED IN AN INACCESSIBLEAREA AND HAD TO BE MOVED. NE W WELL SETBACKS INCLUDE: 10' FROM FRONT PROPERTY LINE, 15' FROM LEFT PROPERTY LINE, 50'+ FROM ADJACENT WELL, 100'+ FROM SEPTIC SYSTEM. WELL IS APPROX. 190' FROM DWELLING. RECOMMEND 35' OF CASING.**

Operation Permit

DESIGN FLOW: 28.4 gal./min. ACTUAL FLOW: 26.05 DOSE VOLUME: ____ gal. INNOVATIVE LETTER:
INSTALLED BY: Brantley INSTALLATION APPROVED BY: WB
PROPRIETARY SYSTEM: EZ1203HG TYPE SYSTEM: **III B**

COMMENTS: **PERMIT REVISED TO RELOCATE WELL LOCATION. REPAIR AREA WAS REDESIGNED BY CONSULTANT TO SUBSURFACE DRIP WITH TSII PRETREATMENT. DUE TO THE PRETREATMENT COMPONENT PROPOSED BY CONSULTANT IT IS REQUIRED THAT A MAINTENANCE SCHEDULE IS TO BE RECORDED AT REGISTER OF DEEDS BEFORE OP CAN BE ISSUED.**

OPERATIONS PERMIT ISSUED? Y OP DATE: 6/14/18 BY: WB 6/13/18 SLR

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: 4/18/17 Benchmark: _____ Rod reading: _____ Distance to Structure: 23'
ST: 1500 gals ID#: DB-322 D.O.M.: 1-1-17 Elev.: 3.10 Distance to Well: 90'
PT: 1500 gals ID#: DB-293 D.O.M.: 1-1-17 Elev.: 4.1½ Distance to P/L: 11'
GT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Pretreatment: _____
D-box/FD/PM elev.: 1.10 Supply Line: 242 ft. Pump/Ctrl Panel: Ashland EP45/SSE Filter: Yellow Sym

Line 1:	4.6		4.6	4.6	Date: 4/18	Line 6:				Date:
Line 2:	6.8	6.8		6.8	Date:	Line 7:				Date:
Line 3:		8	8	8	Date:	Line 8:				Date:
Line 4:	10.3	10.3	10.3		Date:	Line 9:				Date:
Line 5:					Date:	Line 10:				Date:

ETM1: .29h CC1: 999817 ETM2: _____ CC2: _____ OR: _____ AC: _____ WM: _____
Notes: Water Samples Required (4/18/17)
Laser moved for tanks

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#: **D051834** STATUS: **A** APP. DATE: **09/15/2014** BLDG. PERMIT#: **0150759**
PIN: **1811 70 8529 000** TAX MAP: **0** RECORDED: **Y** ORIG. PERMIT#:
TOWNSHIP: **14 NEW LIGHT** JURISDICTION: **WC** ZONING: **R80W** SW DEVICE: **N** S#:
APPLICANT: **TERRAMOR HOMES** **(919) 795 - 8945**
7208 FALLS OF NEUSE STE 201 RALEIGH, NC 27615
HD USE: **101A CONVENTIONAL ONE-FAMILY HOUSE** EXIST USE: DESIGN FEE REQ?: PAID?:
LTAR: **0.30 0.30** BEDROOMS: **5** BASEMENT: **Y** #EMPLOYEES: **0** FOUNDATION DRAIN: **Y**
SITE: ADDRESS: **9824 CLOEY DR**
SUBDIVISION: **CLOEY MANOR** LOT: **2B** ACRES: **3.14** EASEMENT: **N** LOC: SYS:
DIRECTION: **98 L CHOPLIN R OLD KEITH R CLOEY MANOR**

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.
[X] 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: **1500** gal. PUMP Tank: **1500** gal. GREASE TRAP: gal. SQ FT: **1500** **ACCEPTED STATUS** MAX DEPTH LINE: **22** in.
WASTEWATER: **INDIVIDUAL** SEWAGE: **DOMESTIC** TYPE SYSTEM: **III B** PUMP: **Y** P/M: **N**
DAILY FLOW: **600** gal/day WATER: **INDIVIDUAL** PRETREATMENT: **NA**

COMMENTS:

IP ISSUED? **Y** DATE: **10/13/2014** BY: **(AMH)** for AMH PHONE#: **(919)-422-3751**

AUTHORIZATION FOR WASTEWATER/WATER SYSTEM CONSTRUCTION
VALIDITY CONCURRENT WITH THE IMPROVEMENT PERMIT
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 inthe 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.

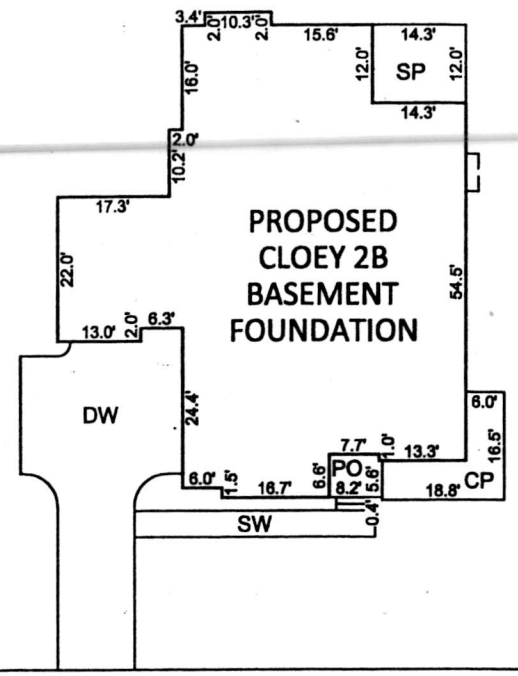
OTHER CONDITIONS: **INITIAL SYSTEM IS DESIGNED TO PUMP TO MANITEE OR PRESSURE MANIFOLD TO FEED 4 125' LINES, FLAGGED OUT IN FIELD BY CONSULTANT. ACCEPTED STATUS MEDIA, 25% REDUCTION ALREADY TAKEN. MAINTAIN ALL SETBACKS INCLUDING 100' TO PROPOSED WELL. LOCATION OF ORIGINAL REPAIR AREA HAS BEEN REVISED AT REQUEST OF BUILDER TO LEAVE ROOM FOR NEW WELL LOCATION, ORIGINAL WELL LOCATION WAS PROPOSED BYCONSULTANT I N AN INACCESSIBLE AREA AND HAD TO BE MOVED. DUE TO LIMITED SOILS THE REPAI R IS REQUIRED TO BE SUBSURFACE DRIP WITH TS11 PRETREATMENT. A MAINTENANCE SCHEDULE IS REQUIRED TO BE RECORDED AT REGISTER OF DEEDS BEFORE OP CAN BE ISSUED. CALL OFFICE WITH NAY QUESTIONS PRIOR TO OR DURING INSTALLATION.**

TANK SIZE: **1500** gal. PUMP TANK: **1500** gal. GREASE TRAP: gal. SQ FT: **1500** **ACCEPTED STATUS** MAX DEPTH LINE: **22** in.
MAINT: **N** OPER: **N** L/O: **N** TRENCH#: **4** LENGTH: **125** ft. WIDTH: **36** in. DESIGNER: ___
SUBFIELDS: __ DESIGN HEAD PRESSURE: _ DESIGN FLOW: ____gal/min DOSE VOLUME: ____ gal. PRETREATMENT: **NA**

CA ISSUED? **Y** DATE: **03/10/2017** BY: **(SCR)** PHONE#: **(919)-856-6194**

* Permit contains A, B & C. *

Revised



INSET SCALE: 1"=30'

LOT INFORMATION:

PARCEL ID: 0422216
PIN: 1811708529
TOTAL LOT AREA = 3.136 AC = 136,615 SF
MAXIMUM IMPERVIOUS = 16,500 SF
PROPOSED IMPERVIOUS = 4,958 SF
HOUSE = 3,295 SF
SCREENED PORCH = 172 SF
COVERED PORCH = 176 SF
PORCH = 53 SF
SIDEWALK = 160
DRIVEWAY = 1,102 SF
PERCENT IMPERVIOUS = 3.63%

NOTE:

ALL DIMENSIONS, LOCATIONS AND FEATURES SHOWN ON THIS PLOT PLAN ARE APPROXIMATE AND ARE ONLY AN ARTISTS RENDITION, EXACT LOCATION OF ALL FEATURES ARE SUBJECT TO CHANGE AND MAY NOT BE INSTALLED EXACTLY AS SHOWN ON PLANS AND/OR IN MODELS, PLACEMENT OF HOME, DRIVEWAY, SIDEWALKS AND EXTERIOR FEATURES ARE SUBJECT TO MODIFICATION AS DEEMED NECESSARY BY FIELD PERSONNEL.

CUSTOMER DATE

CUSTOMER DATE

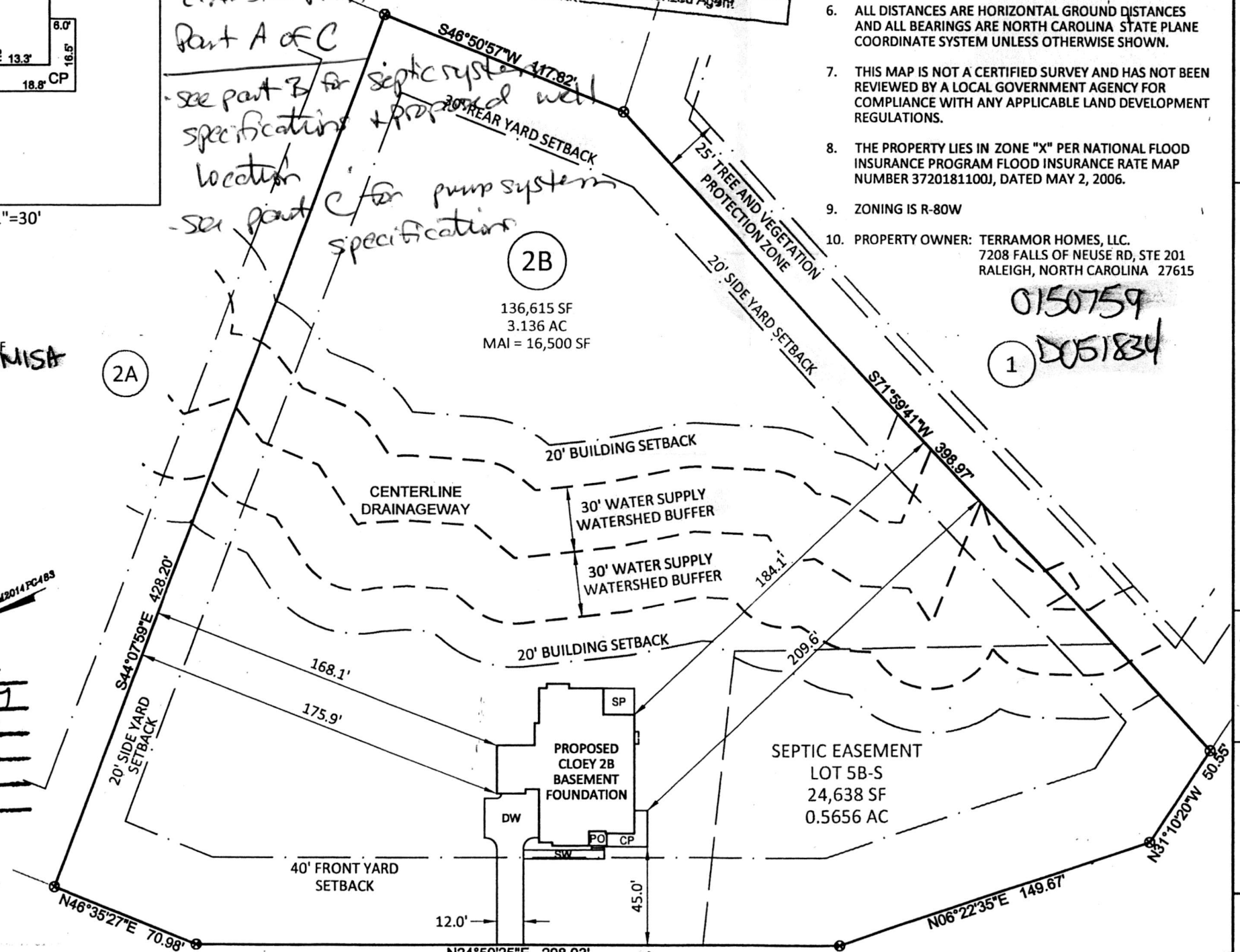
TERRAMOR HOMES REPRESENTATIVE DATE

1811708529

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

C.A. Site Plan
Part A of C
- see part B for septic system specifications + proposed well location
- see part C for pump system specifications



0150759
0051834

BM2014 PG 483

Zoning R80W KAS
Approved 2 Date 2-17
Revised Use 101A
Rejected MBL
Front 40 Rear 30
Side 20 Corner
Comments: SFD

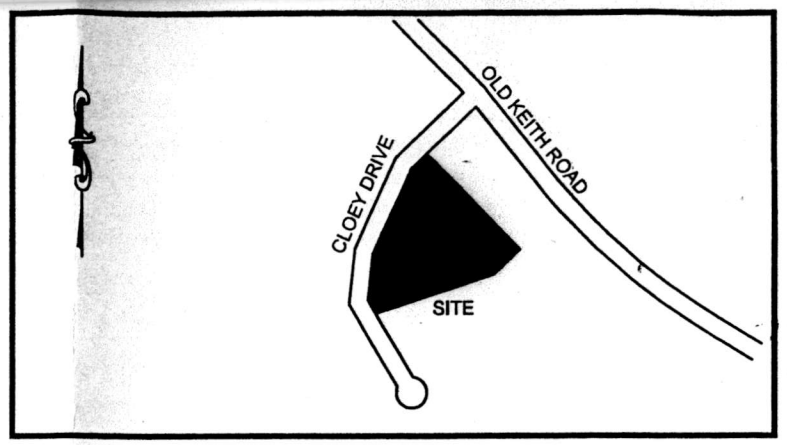
0 30 60
SCALE:
1" = 60 ft.

X:\140349 CLOEY MANOR - TERRAMOR\dwg\PLOT PLAN\PLOT PLAN.dwg, 1/30/2017 5:29:58 PM, afiselino

NOTES:

1. THIS SURVEY WAS PREPARED BY BATEMAN CIVIL SURVEY CO., UNDER THE SUPERVISION OF STEVEN P. CARSON, PLS.
2. THIS PLAN HAS BEEN PREPARED FOR LAYOUT AND PERMITTING PURPOSES ONLY.
3. THIS IS NOT A BOUNDARY SURVEY. PROPERTY LINES SHOWN WERE TAKEN FROM EXISTING FIELD EVIDENCE, EXISTING DEEDS AND PLATS OF PUBLIC RECORD, AND INFORMATION SUPPLIED TO THE SURVEYOR BY THE CLIENT
4. VERTICAL DATUM IS ASSUMED. THE LATITUDE, LONGITUDE AND STATE PLANE COORDINATES, IF SHOWN, ARE GIVEN IN NORTH AMERICAN DATUM OF 1983 (NAD83).
5. FIELD EQUIPMENT USED: NIKON TOTAL STATION, EPOCH 35.
6. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES AND ALL BEARINGS ARE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM UNLESS OTHERWISE SHOWN.
7. THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS.
8. THE PROPERTY LIES IN ZONE "X" PER NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP NUMBER 3720181100J, DATED MAY 2, 2006.
9. ZONING IS R-80W
10. PROPERTY OWNER: TERRAMOR HOMES, LLC.
    7208 FALLS OF NEUSE RD, STE 201
    RALEIGH, NORTH CAROLINA 27615

Bateman Civil Survey Company
Engineers • Surveyors • Planners
2524 Reliance Avenue, Apex, NC 27539 Ph: 919.577.1080 Fax: 919.577.1081
www.batemancivilsurvey.com info@batemancivilsurvey.com
NCBELS Firm No. C-2378



VICINITY MAP
(Not to Scale)

LEGEND
PO = PORCH
P = PATIO
SP = SCREENED PORCH OR PATIO
CP = COVERED PORCH OR PATIO
WD = WOOD DECK
SW = SIDEWALK
DW = CONC DRIVEWAY
⊗ = COMPUTED POINT
○ = IRON PIPE FOUND
● = IRON PIPE SET
WM = WATER METER
CO = CLEANOUT
AC = AIR CONDITIONER
EB = ELECTRIC BOX
© = CABLE BOX
□ = TELEPHONE PEDESTAL
☼ = LIGHT POLE
CI = CURB INLET
YI = YARD INLET
FH = FIRE HYDRANT
WV = WATER VALVE
Ⓢ = SEWER MANHOLE

BUILDING SETBACKS:
FRONT = 40 ft
REAR = 30 ft
SIDE = 20 ft
CORNER = 40 ft

I hereby certify that this map is correct and that the building lies wholly on the lot and that there are no visible encroachments on said lot.

PRELIMINARY

Steven P. Carson, PLS 4752
Date

This map is of an existing parcel of land and is only intended for the parties and purposes shown. This map not for recordation. No title report provided.

APPROVAL FOR STAKING:

THIS PLOT PLAN AS PREPARED BY BATEMAN CIVIL SURVEY CO., IS CORRECT AND IS HEREBY APPROVED FOR STAKING ON THE DATE AS SHOWN BELOW.

TERRAMOR HOMES REPRESENTATIVE DATE

PRELIMINARY PLOT PLAN

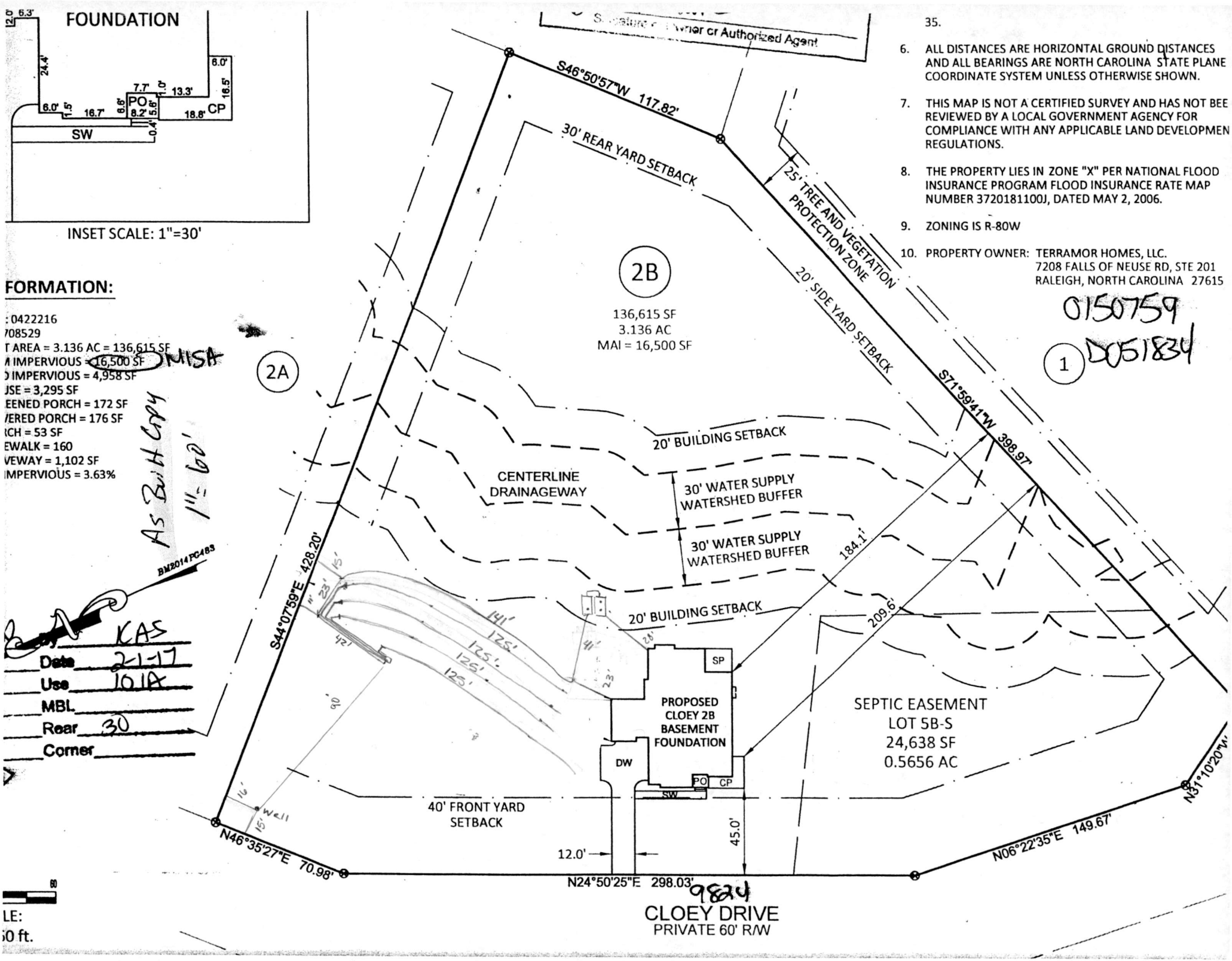
FOR



CLOEY MANOR - LOT 2B
9824 CLOEY DRIVE, WAKE FOREST, NC
NEW LIGHT TOWNSHIP, WAKE COUNTY

DATE: 1/30/17 DRAWN BY: ASF CHECKED BY: SPC

REFERENCE: BM 2014, PG 483 PROJECT# 140349 SCALE: 1"=60'



35.

6. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES AND ALL BEARINGS ARE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM UNLESS OTHERWISE SHOWN.

7. THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEE REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMEN REGULATIONS.

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10. PROPERTY OWNER: TERRAMOR HOMES, LLC.
7208 FALLS OF NEUSE RD, STE 201
RALEIGH, NORTH CAROLINA 27615

0150759
1 D051834

FORMATION:

: 0422216
708529
T AREA = 3.136 AC = 136,615 SF
M IMPERVIOUS = 16,500 SF
D IMPERVIOUS = 4,958 SF
USE = 3,295 SF
EENED PORCH = 172 SF
/ERED PORCH = 176 SF
CH = 53 SF
EWALK = 160
VEWAY = 1,102 SF
MPERVIOUS = 3.63%

OMISA

As Built Copy

1" = 60'

BM2014 FC483

KAS
Date 2-17
Use 101A
MBL
Rear 30
Corner

60

LE:
0 ft.

9824

D# 51834 C.A. Site plan part B

LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH
1	WHITE	3.20	125
2	YELLOW	4.80	125
3	BLUE	6.40	125
4	RED	8.50	125
5	BLUE	3.80	140
6	YELLOW	5.20	130
7	ORANGE	7.00	170
8	PURPLE	8.80	110

LOT 2B CLOEY MANOR S/D

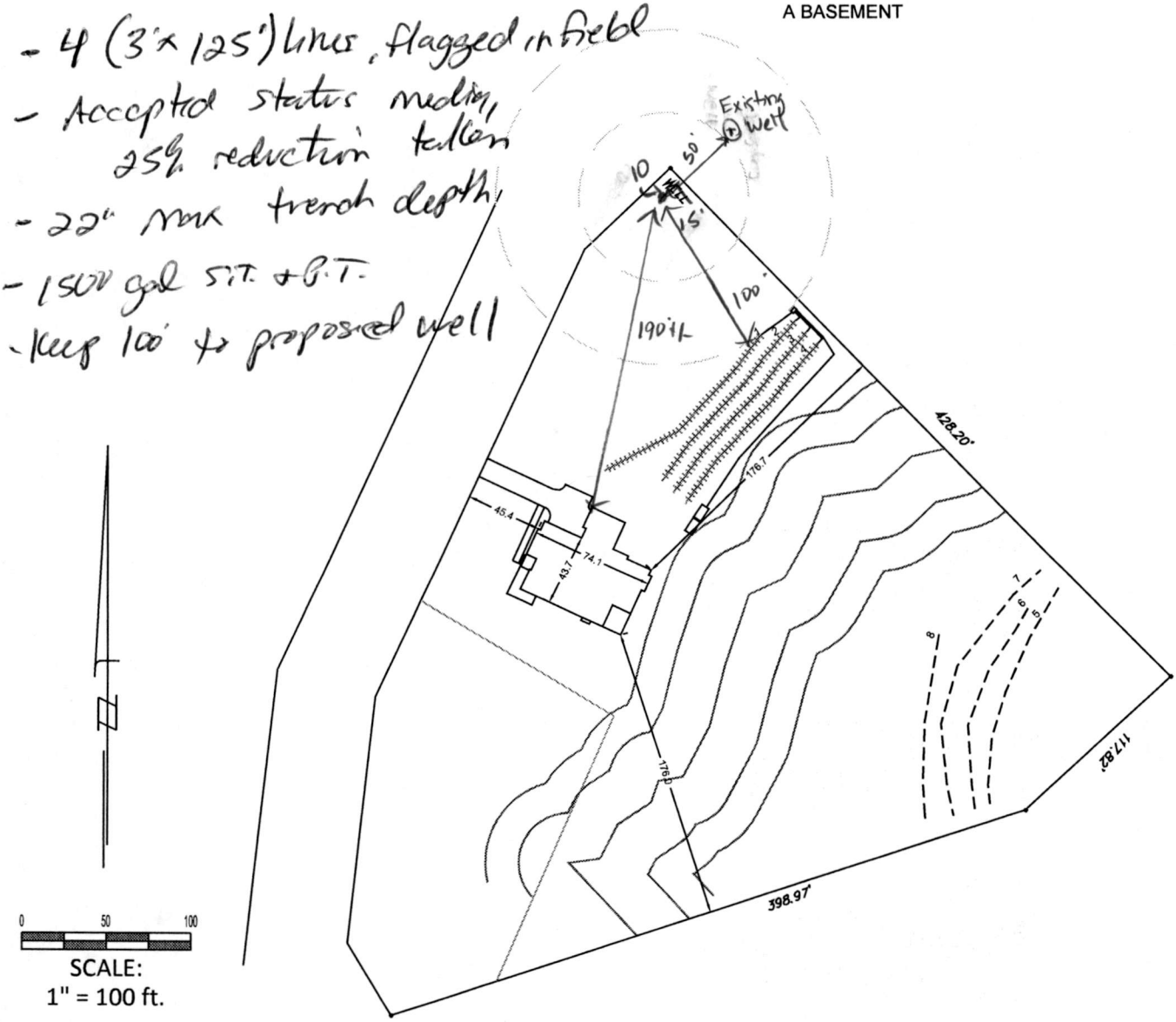
5-BEDROOM PUMP TO MANI-TEE SYSTEM
LINES 1-4 (4 x 125' x 3')
EZFLOW
LTAR 0.3

5-BEDROOM DRIP REPAIR
LINES 5-8
EZFLOW
LTAR 0.3

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

FOUNDATION DRAINS ALLOWED AS WELL AS A BASEMENT

- 4 (3' x 125') lines, flagged in field
- Accepted status media, 25% reduction taken
- 22" max trench depth
- 1500 gal S.T. + P.T.
- Keep 100' to proposed well



CCSC	Central Carolina Soil Consulting, PLLC 1900 South Main Street, Suite 110 Wake Forest, North Carolina 27587 Phone (919)569-6704 Fax (919)569-6703	JOB DESCRIPTION Lot 2B CLOEY MANOR Subdivision WAKE County, North Carolina	Job# : Drawn By : AH Date : 02/10/2017 Revision: