

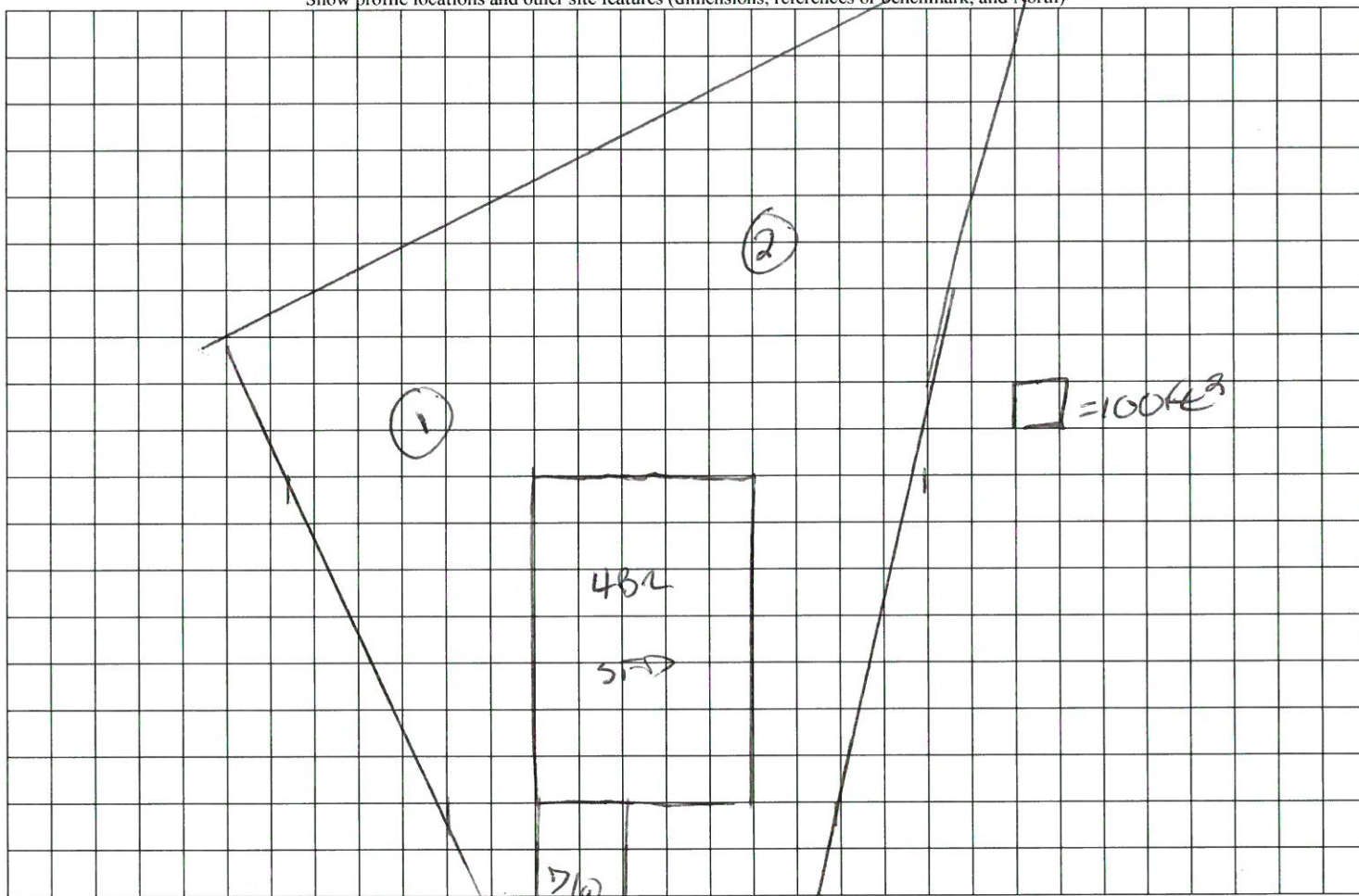
COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTLY STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM	S-STICKY VS-VERY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1	C-CLAY SC-SANDY CLAY	
FP-FLOOD PLAN					

STRUCTURE
 SG-SINGLE GRAIN
 M- MASSIVE
 CR-CRUMB
 GR-GRANULAR
 SBK-SUBANGULAR BLOCKY
 ABK-ANGULAR BLOCKY
 PL-PLATY
 PR-PRISMATIC

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

Show profile locations and other site features (dimensions, references or benchmark, and North)



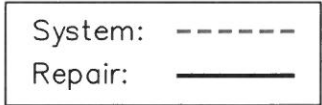
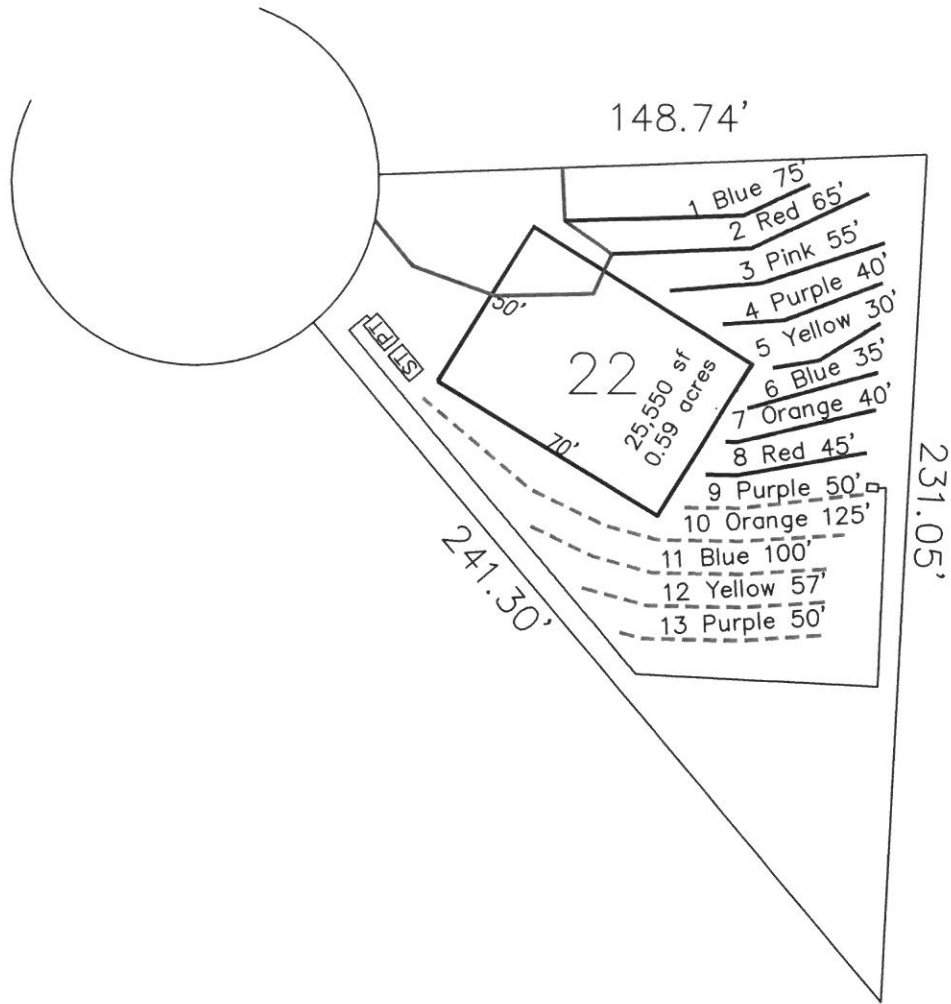
ROLLING FIELD
 DL

Masons Pointe S/D Lot 22 SYSTEM TAP CHART

Bench Mark		is = 100.00 Location of BM				Elevation Head			1.20
Pump tank elev.		100.00	Pump elev.	94.60	Manifold elev.			95.80	
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
9	Purple	5.20	94.80	50	1/2in SCH 80	5.48	67.38	150	0.4492
10	Orange	5.40	94.60	125	3/4in SCH 40	12.5	153.69	375	0.4098
11	Blue	5.70	94.30	100	3/4in SCH 80	10.1	124.18	300	0.4139
12	Yellow	5.90	94.10	55	1/2in SCH 80	5.48	67.38	165	0.4083
13	Purple	6.20	93.80	50	1/2in SCH 80	5.48	67.38	150	0.4492
		total	feet =	380	gal/min =	39.04	LTAR =		0.3500
							LTAR + %5		0.3675
% of Dose Vol.	75	Des. Flow		480	(ltar W/ INOV)				0.4667
Dose Volume	185.25	Pump Run=		12.30	(ltar W/ INOV + 5%)				0.4900
Dose Pump Time	4.75	Tank Gal/IN		19.65					
Drawdown in Inches	9.43								

Masons Pointe S/D Lot 22 Repair TAP CHART

Bench Mark		is = 100.00 Location of BM				Elevation Head			3.00
Pump tank elev.		100.00	Pump elev.	94.60	Manifold elev.			97.60	
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1	Blue	3.40	96.60	75	3/4in SCH 40	12.5	99.83	225	0.4437
2	Red	3.70	96.30	65	3/4in SCH 80	10.1	80.67	195	0.4137
3	Pink	4.00	96.00	55	3/4in SCH 80	10.1	80.67	165	0.4889
4	Purple	4.20	95.80	40	1/2in SCH 80	5.48	43.77	120	0.3647
5	Yellow	4.50	95.50	30	1/2in SCH 80	5.48	43.77	90	0.4863
6	Blue	4.80	95.20	35	1/2in SCH 80	5.48	43.77	105	0.4168
7	Orange	5.00	95.00	40	1/2in SCH 80	5.48	43.77	120	0.3647
8	Red	5.10	94.90	45	1/2in SCH 80	5.48	43.77	135	0.3242
		total	feet =	385	gal/min =	60.1	LTAR =		0.3500
							LTAR + %5		0.3675
% of Dose Vol.	75	Des. Flow		480	(ltar W/ INOV)				0.4667
Dose Volume	187.69	Pump Run=		7.99	(ltar W/ INOV + 5%)				0.4900
Dose Pump Time	3.12	Tank Gal/IN		19.65					
Drawdown in Inches	9.55								



- *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.
- *Some lines are flagged longer in the field than lengths indicated.
- *No grading within septic area.

System: Pressure Manifold Lines: 9–13, (380') Accepted Status System 0.35 Soil LTAR 24" Trench Bottom
Repair: Pressure Manifold Lines: 1–8, (385') Accepted Status System 0.35 Soil LTAR 24" Trench Bottom

GRAPHIC SCALE
1" = 50'



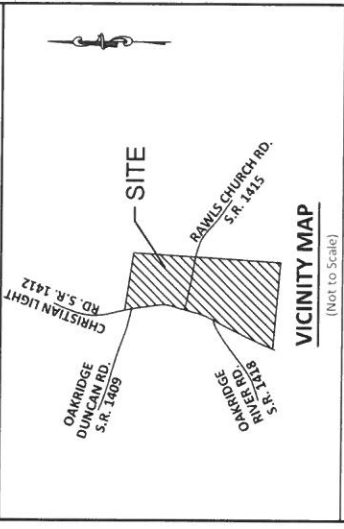
Central Carolina Soil Consulting, PLLC
 1900 South Main Street, Suite 110
 Wake Forest, North Carolina 27587
 Phone (919)569-6704 Fax (919)569-6703

4-Bedroom Septic Layout
 Lot 22, Mason Point Subdivision
 Harnett County, North Carolina

Job# : 2031
Drawn By : AH
Date : 4/16/2019
Revision: 07/17/2019



Bateman Civil Survey Company
 Engineers • Surveyors • Planners
 2524 Rehoboth Avenue, NC 27839 Ph: 919.377.1087 Fax: 919.377.1091
 www.batemancivilsurvey.com info@batemancivilsurvey.com
 NCBS&S Firm No. C-5278



LEGEND
 PO = PORCH
 CP = COVERED PATIO
 SW = SIDEWALK
 DW = CONC DRIVEWAY
 SP = SCREENED PORCH
 P = CONCRETE PATIO
 ⊗ = COMPUTED POINT
 ○ = IRON PIPE FOUND
 ● = DRILL HOLE FOUND
 □ = WATER METER
 □ = CLEAN OUT
 □ = AIR CONDITIONER
 □ = BOX WALK
 □ = SERVICE MANHOLE
 □ = TELEPHONE PEDESTAL
 □ = CATCH BASIN
 G = GAS METER
 E = ELECTRIC METER
 YI = YARD INLET

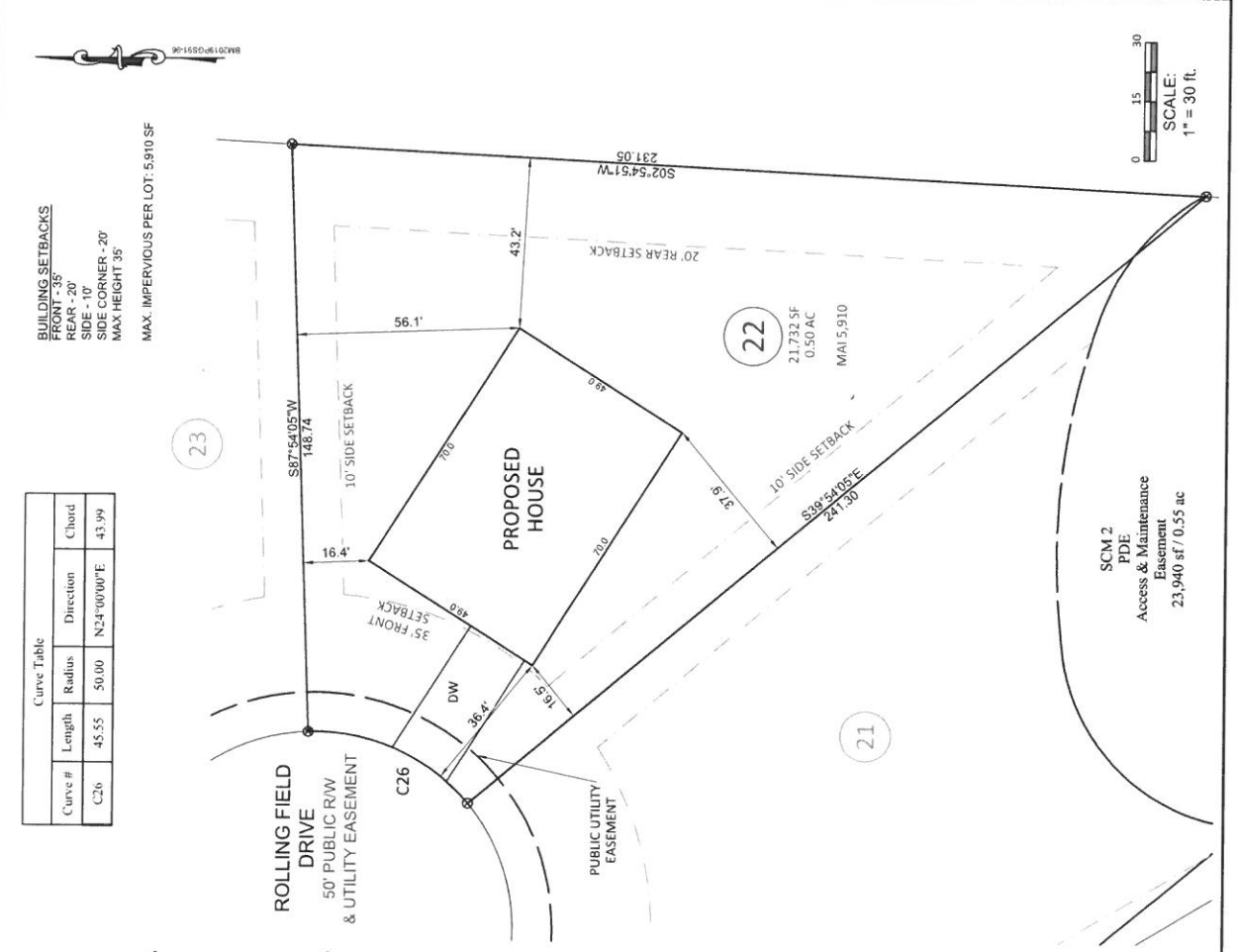
I, STEVEN P. CARSON, CERTIFY THAT THIS PLAN WAS DRAWN UNDER MY DIRECT SUPERVISION FROM A SURVEY MADE UNDER MY SUPERVISION (PLAT BOOK REFERENCED IN TITLE UNDER REFERENCE); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED; THAT THE BOUNDARIES LISTED UNDER REFERENCES THAT THE BASIS OF PRECISION AS CALCULATED IS 1:10,000; AND THAT THIS MAP MEETS THE REQUIREMENTS OF THE STANDARD OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA, L-4752 DATED:

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 provided.

BUILDER TO VERIFY HOUSE LOCATION, DIMENSIONS AND REVIEW TOTAL IMPERVIOUS NOTED ON THIS PLOT PLAN

PRELIMINARY PLOT PLAN FOR KB HOMES

MASON POINTE - PHASE 1B - LOT 22
 61 ROLLING FIELD DRIVE, FUQUAY-VARINA, NC
 HECTORS CREEK TOWNSHIP, HARNETT COUNTY
 DATE: 4/05/19 DRAWN BY: JFK CHECKED BY: SPC
 REFERENCE: BK 2019, PGS: 91-96 BCS# 180102 SCALE: 1" = 30'



NOTES:

- THIS SURVEY WAS PREPARED BY BATEMAN CIVIL SURVEY CO., UNDER THE SUPERVISION OF STEVEN P. CARSON, PLS.
- THIS PLAN HAS BEEN PREPARED FOR LAYOUT AND PERMITTING PURPOSES ONLY.
- PROPERTY LINES SHOWN WERE TAKEN FROM EXISTING FIELD EVIDENCE, EXISTING DEEDS AND/OR PLATS OF RECORD AND ALL INFORMATION SUPPLIED TO THE SURVEYOR BY THE CLIENT.
- ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES AND ALL BEARINGS ARE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM UNLESS OTHERWISE SHOWN.
- THIS MAP IS NOT FOR RECORDATION AND SHOULD BE REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS.
- THE BASIS OF NORTH AND ALL EASEMENTS, RIGHTS-OF-WAYS, BUFFERS, SETBACKS AND ADJOINERS, ETC. REFERENCED IN TITLE BLOCK.
- NO INVESTIGATION INTO THE EXISTENCE OF JURISDICTIONAL WETLANDS OR RIPARIAN BUFFERS PERFORMED BY THIS FIRM.
- SURVEYOR HAS MADE NO INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
- THE PROPERTY LIES IN ZONE 'X' PER NATIONAL FLOOD INSURANCE PROGRAM F.I.R.M. MAP #372064400I, DATED OCTOBER 3, 2006.
- ZONING IS: RA-30
- PROPERTY OWNER: NB HOME RALEIGH-DURHAM INC.
 4506 S. MIAMI BLVD. #100
 DURHAM, NC 27703

LOT INFORMATION:
 PIN: 0644-39-5413-000
 TOTAL LOT AREA = 0.50 AC = 21,732 SF

