

Environmental Services - Water Quality  
Onsite Wastewater Scan Data Entry Form

PERMIT #: 0051289

PIN #: 0698946279

OP DATE: 11/05/2014

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                                  | SIZE             |
|-------------------------------------|-------------------------------------|-------------------------------------|------------------|
| <input type="checkbox"/>            | <input type="checkbox"/>            |                                     | 750              |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | 900              |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | 1,000            |
| <input type="checkbox"/>            | <input checked="" type="checkbox"/> | <input type="checkbox"/>            | 1,200            |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | 1,500            |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | 1,800            |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | 2,100            |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | 2,500            |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | 3,000            |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | 4,000            |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | 5,000            |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | 8,000            |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | 10,000           |
| <input type="checkbox"/>            | <input type="checkbox"/>            | <input type="checkbox"/>            | Other            |
| <input checked="" type="checkbox"/> |                                     | <input checked="" type="checkbox"/> | None/NA GT or PT |

DRAINFIELD SIZE(SQ. FT.)

01200

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

talh

**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#: **D051289** STATUS: **A** APP. DATE: **06/11/2014** BLDG. PERMIT#: **0143479**  
PIN: **0698 94 6279 000** TAX MAP: **0** RECORDED: **Y** ORIG. PERMIT#:   
TOWNSHIP: **15 PANTHER BRANCH** JURISDICTION: **WC** ZONING: **R30** SW DEVICE: **R S#: S003727**  
APPLICANT: **MERITAGE HOMES** (919) 926 - 2600  
**5400 TRINITY RD #107 RALEIGH, NC 27607**  
HD USE: **101A CONVENTIONAL ONE-FAMILY HOUSE** EXIST USE:  DESIGN FEE REQ?: **PAID?:**  
LTAR: **0.32 0.32** BEDROOMS: **4** BASEMENT: **N** #EMPLOYEES: **0** FOUNDATION DRAIN: **N**  
SITE: ADDRESS: **5420 OVERDALE LN**  
SUBDIVISION: **BRAXTON POINTE** LOT: **22** ACRES: **1.79** EASEMENT: **N** LOC:  SYS:   
DIRECTION: **401S L OLD STAGE L ROCK SERVICE STATION L OVERDALE**

**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:  gal. GREASE TRAP:  gal. SQ FT: **1200** **ACCEPTED STATUS** MAX DEPTH LINE: **18** in.  
WASTEWATER: **INDIVIDUAL** SEWAGE: **DOMESTIC** TYPE SYSTEM: **II A** PUMP: **N** P/M: **N** LP: **TD:**  
DAILY FLOW: **480** gal/day WATER: **COMMUNITY** PRETREATMENT: **NA** FILL: **DAF:** DEEP: **REDUCE35%:**

COMMENTS:

IP ISSUED? **Y** DATE: **06/25/2014** 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:  gal. GREASE TRAP:  gal. SQ FT: **1200** **ACCEPTED STATUS** MAX DEPTH LINE: **18** 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. PRETREATMENT: **NA**

CA ISSUED? **Y** DATE: **06/25/2014** BY: (JEW) *Joe Perkins* PHONE#: (919)-856-7342

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APPLICANT: **MERITAGE HOMES** (919) 926 - 2600  
**5400 TRINITY RD #107 RALEIGH, NC 27607**  
USE: **HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE** EXIST USE:  
LTAR: **0.32 0.32** BEDROOMS: **4** BASEMENT: **N** #EMPLOYEES: **0**  
SITE: **ADDRESS: 5420 OVERDALE LN**  
SUBDIVISION: **BRAXTON POINTE** LOT: **22** ACRES: **1.79** EASEMENT: **N** LOC: **SYS:**  
DIRECTION: **401S L OLD STAGE L ROCK SERVICE STATION L OVERDALE**

**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: James GUILLEY INSTALLATION APPROVED BY: L. A. Howard  
PROPRIETARY SYSTEM: \_\_\_\_\_ TYPE SYSTEM: **II A**

COMMENTS:

OPERATIONS PERMIT ISSUED? yes OP DATE: 11-5-14 BY: John

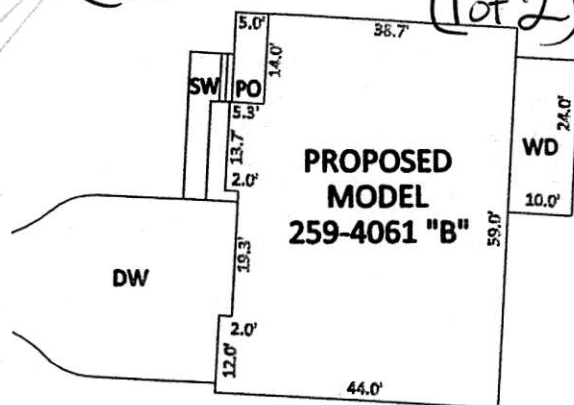
Systems defined as either a Type IIIb, IIIg with a pump, IV, V or VI, in accordance with the North Carolina Administrative Code 15A NCAC 18A .1961, Table V as adopted by reference in the "Regulations Governing Wastewater Treatment and Dispersal Systems in Wake County", require Wake County Environmental 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: \_\_\_\_\_ Benchmark: \_\_\_\_\_ Rod reading: \_\_\_\_\_ Distance to Structure: \_\_\_\_\_  
ST: \_\_\_\_\_ gals ID#: \_\_\_\_\_ D.O.M.: \_\_\_\_\_ Elev.: \_\_\_\_\_ Distance to Well: \_\_\_\_\_  
PT: \_\_\_\_\_ gals ID#: \_\_\_\_\_ D.O.M.: \_\_\_\_\_ Elev.: \_\_\_\_\_ Distance to P/L: \_\_\_\_\_  
GT: \_\_\_\_\_ gals ID#: \_\_\_\_\_ D.O.M.: \_\_\_\_\_ Elev.: \_\_\_\_\_ Pretreatment: \_\_\_\_\_  
D-box/FD/PM elev.: \_\_\_\_\_ Supply Line: \_\_\_\_\_ ft. Pump/Ctrl Panel: \_\_\_\_\_ Filter: \_\_\_\_\_  
Line 1: \_\_\_\_\_ Date: \_\_\_\_\_ Line 6: \_\_\_\_\_ Date: \_\_\_\_\_  
Line 2: \_\_\_\_\_ Date: \_\_\_\_\_ Line 7: \_\_\_\_\_ Date: \_\_\_\_\_  
Line 3: \_\_\_\_\_ Date: \_\_\_\_\_ Line 8: \_\_\_\_\_ Date: \_\_\_\_\_  
Line 4: \_\_\_\_\_ Date: \_\_\_\_\_ Line 9: \_\_\_\_\_ Date: \_\_\_\_\_  
Line 5: \_\_\_\_\_ Date: \_\_\_\_\_ Line 10: \_\_\_\_\_ Date: \_\_\_\_\_  
ETM1: \_\_\_\_\_ CC1: \_\_\_\_\_ ETM2: \_\_\_\_\_ CC2: \_\_\_\_\_ OR: \_\_\_\_\_ AC: \_\_\_\_\_ WM: \_\_\_\_\_  
Notes: \_\_\_\_\_

*NIF upon inspection. Unable to locate AS BUILT information.*

CA: Part "A" (of 2)



INSET SCALE: 1"=30'

| LINE | BEARING     | DIST. |
|------|-------------|-------|
| L2   | N74°11'33"E | 16.16 |
| L3   | S00°17'20"W | 15.08 |
| L4   | S14°30'43"E | 30.52 |
| L5   | S17°55'52"E | 46.02 |
| L6   | S03°42'03"W | 45.92 |
| L7   | S43°35'22"W | 45.18 |
| L8   | S67°05'49"W | 19.77 |
| L9   | S21°38'17"W | 49.46 |
| L10  | S05°55'48"E | 33.95 |

# 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.
- 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.
- VERTICAL DATUM IS ASSUMED. THE LATITUDE, LONGITUDE AND STATE PLANE COORDINATES, IF SHOWN, ARE GIVEN IN NORTH AMERICAN DATUM OF 1983 (NAD83).
- FIELD EQUIPMENT USED: NIKON TOTAL STATION, EPOCH 35.
- ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES AND ALL BEARINGS ARE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM UNLESS OTHERWISE SHOWN.
- 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.
- THE PROPERTY LIES IN ZONE "X" PER NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP NUMBER 3720069800J, DATED MAY 2, 2006.
- ZONING IS R30.
- PROPERTY OWNER: MERITAGE HOMES OF NC, INC.  
5400 TRINITY ROAD, RALEIGH, NC 27607

## LOT INFORMATION:

LOT #22  
PIN= 0698946279  
REID: 0415365  
ADDRESS = 5420 OVERDALE LANE  
TOTAL LOT AREA = 1.795 AC = 78,188 SF  
MAXIMUM IMPERVIOUS = 5,500 SF  
HOUSE = 2,483 SF  
DRIVEWAY = 1,324 SF  
SIDEWALK = 105 SF  
PORCH = 71 SF  
TOTAL PROPOSED IMPERVIOUS = 3,983 SF  
PERCENT IMPERVIOUS = 5.1 %

## NOTE:

ALL DIMENSIONS, LOCATIONS AND FEATURES SHOWN ON THIS PLOT PLAN ARE APPROXIMATE AND ARE ONLY AN ARTIST'S RENDERING. 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.

Approve: [Signature] Date: 6.11.14  
 CUSTOMER: [Signature] Use: DIA  
 Reject: [Signature] MBL  
 Front: 15 Rear: 15  
 Sid: 5 Corner: 15  
 DATE: 5/30  
 Comments: [Blank]



**Bateman Civil Survey Company**  
 Engineers • Surveyors • Planners  
 200 N. Main Street, Holly Springs, NC 27540 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
- SP = SCREENED PORCH
- CP = COVERED PORCH
- WD = WOOD DECK
- SW = SIDEWALK
- DW = CONC DRIVEWAY
- ⊗ = CONTROL POINT
- = IRON PIPE FOUND
- = IRON PIPE SET
- ⦿ = DRILL HOLE FOUND
- WM = WATER METER
- CO = CLEAN OUT
- AC = AIR CONDITIONER
- ⊙ = SEWER MANHOLE
- EE = ELECTRIC BOX
- ⊖ = CABLE BOX
- ⊞ = TELEPHONE PEDESTAL
- CI = CURB INLET
- TUA = TRANSITIONAL USE AREA
- ⊙ = LIGHT POLE

## BUILDING SETBACKS:

FRONT = 15 ft  
 REAR = 15 ft  
 SIDE = 5 ft  
 CORNER = 15 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.

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.

MERITAGE HOMES REPRESENTATIVE \_\_\_\_\_ DATE \_\_\_\_\_

## PRELIMINARY PLOT PLAN - LOT 22 FOR



**BRAXTON POINTE - LOT 22**  
 5420 OVERDALE LANE, RALEIGH, NC  
 PANTHER BRANCH TOWNSHIP, WAKE COUNTY

DATE: 5/31/14 DRAWN BY: JKF CHECKED BY: SPC

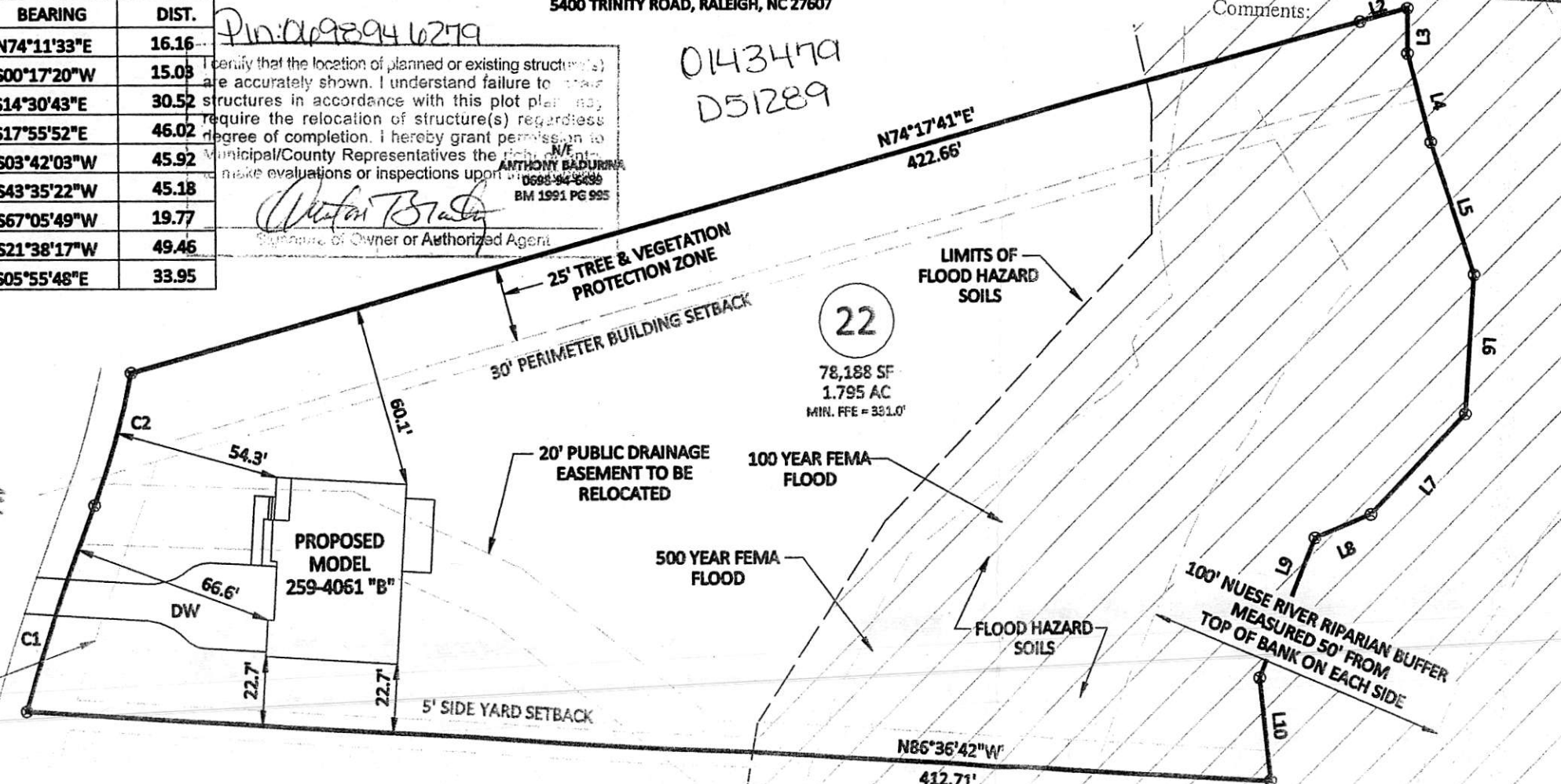
REFERENCE: BM 2013, PGS 1267-1268

SCALE: 1" = 50'

SCALE:  
1" = 50 ft.

5420 OVERDALE LANE  
 PUBLIC 50' R/W  
 15' FRONT YARD SETBACK

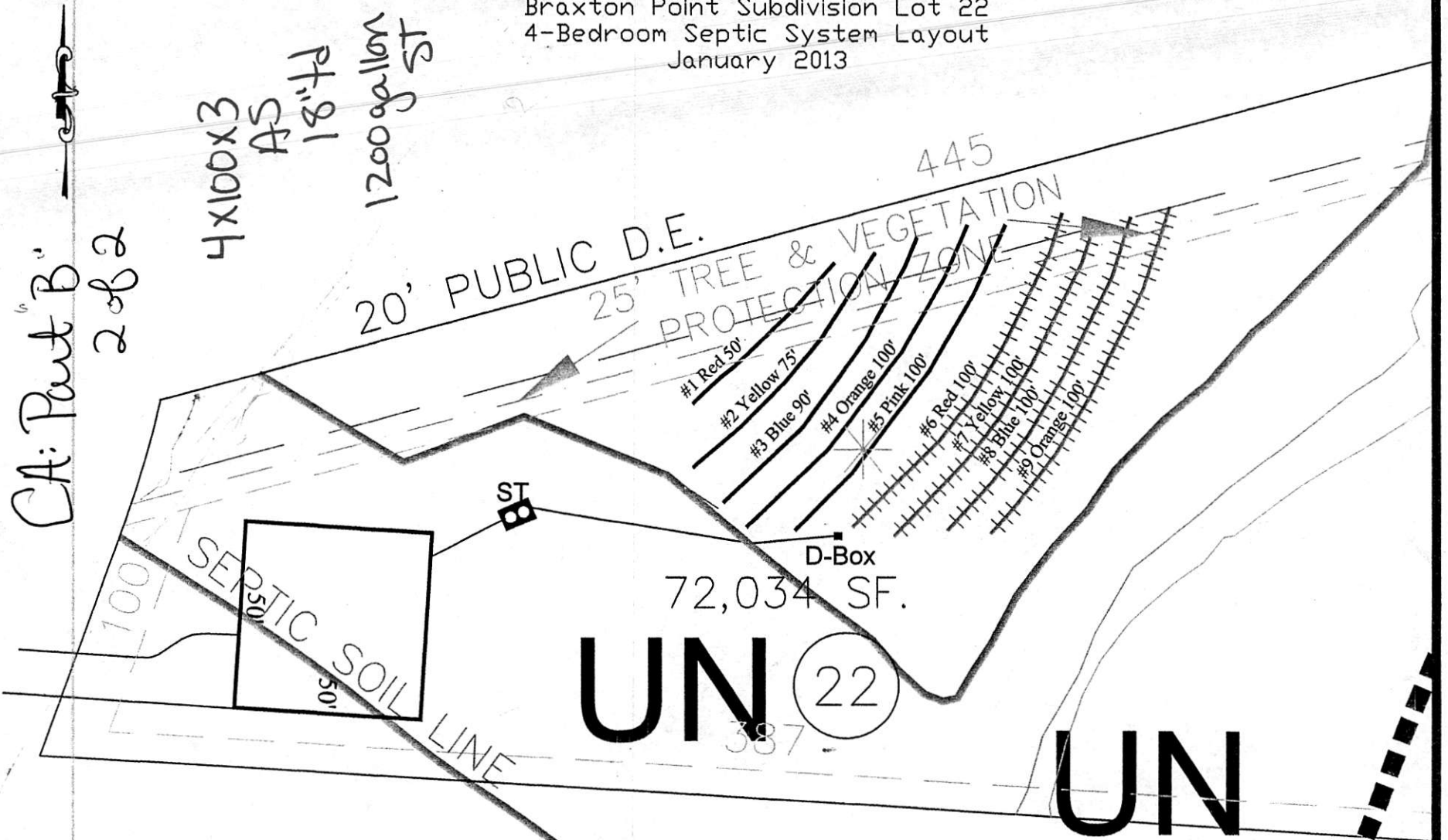
| CURVE | LENGTH | RADIUS | CHD.BRG.    | CHORD |
|-------|--------|--------|-------------|-------|
| C1    | 55.31  | 685.00 | N18°11'09"E | 55.29 |
| C2    | 45.16  | 270.00 | N15°42'37"E | 45.11 |



I certify that the location of planned or existing structure(s) are accurately shown. I understand failure to show structures in accordance with this plot plan may require the relocation of structure(s) regardless of degree of completion. I hereby grant permission to Municipal/County Representatives the right to make evaluations or inspections upon the property.  
 ANTHONY BADURINE  
 0698-94-5698  
 BM 1991 PG 995  
 Signature of Owner or Authorized Agent

0143479  
 D51289

Braxton Point Subdivision Lot 22  
4-Bedroom Septic System Layout  
January 2013

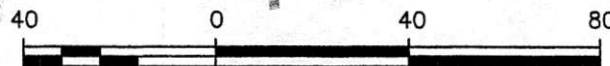


System: Gravity to D-Box  
Lines: 6-9, (400')  
0.325 Soil LTAR  
18" Trench Bottom  
Accepted Status System

Repair: Pressure Manifold  
Lines: 1-5, (480')  
0.325 Soil LTAR  
18" Trench Bottom  
Accepted Status System

GRAPHIC SCALE

1" = 40'



Central Carolina  
Soil Consulting  
919-569-6704  
Project # 417-B