

Environmental Services - Water Quality
Onsite Wastewater Scan Data Entry Form

PERMIT #: D 0 4 9 7 1 4

PIN #: 1 8 0 3 5 4 4 4 0 1

OP DATE: 0 7 1 1 0 1 2 0 1 4

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

- | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|------------------|
| ☐ | ☐ | | 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

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#: D049714 STATUS: A APP. DATE: 08/23/2013 BLDG. PERMIT#: 0140562
 PIN: 1803 54 4401 000 TAX MAP: 0 RECORDED: Y ORIG. PERMIT#:
 TOWNSHIP: 14 NEW LIGHT JURISDICTION: WC ZONING: R40W SW DEVICE: N S#:
 APPLICANT: MERITAGE HOMES (919) 926 - 2600
 5400 TRINITY RD STE 107 RALEIGH, NC 27607
 USE: HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE EXIST USE:
 LTAR: 0.30 0.30 BEDROOMS: 4 BASEMENT: N #EMPLOYEES: 0
 SITE: ADDRESS: 9505 ALYDAR DR
 SUBDIVISION: SADDLEBROOK LOT: 10 ACRES: 1.85 EASEMENT: N LOC: SYS:
 DIRECTION: 98 EAST L NEW LIGHT L BLUE LARKSPUR R ALYDAR

Well System: WATER: INDIVIDUAL - TYPE: NEW

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: Glen Todd INSTALLATION APPROVED BY: Kurt Dyer RGS
 PROPRIETARY SYSTEM: EZ1203HG TYPE SYSTEM: II A

COMMENTS:

OPERATIONS PERMIT ISSUED? ☒ OP DATE: 7-10-2014 BY: Kurt Dyer RGS

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: 7-9-14 Benchmark: 291
 ST: 1200 gals ID#: M15-257 Rod reading: _____ Distance to Structure: 10' to tank
 PT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Distance to Well: N/A
 GT: _____ gals ID#: _____ D.O.M.: _____ Elev.: _____ Distance to P/L: 20' to tank
 D-box/FD/PM elev.: 541-6 Supply Line: _____ ft. Pump/Ctrl Panel: _____ Filter: _____
 Line 1: 7-24 7-24 7-24 Date: _____ Line 6: _____ Date: _____
 Line 2: 8-5 8-5 8-5 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: _____

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5400 TRINITY RD STE 107 RALEIGH, NC 27607
HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE EXIST USE: DESIGN FEE REQ?: PAID?:
LTAR: 0.30 0.30 BEDROOMS: 4 BASEMENT: N #EMPLOYEES: 0 FOUNDATION DRAIN: Y
SITE: ADDRESS: 9505 ALYDAR DR
SUBDIVISION: SADDLEBROOK LOT: 10 ACRES: 1.85 EASEMENT: N LOC: SYS:
DIRECTION: 98 EAST L NEW LIGHT L BLUE LARKSPUR R ALYDAR

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: 24 in.
WASTEWATER: INDIVIDUAL SEWAGE: DOMESTIC TYPE SYSTEM: II A PUMP: N P/M: N LP: TD:
DAILY FLOW: 480 gal/day WATER: INDIVIDUAL PRETREATMENT: NA FILL: DAF: DEEP: REDUCE35%:

COMMENTS:

IP ISSUED? Y DATE: 08/29/2013 BY: (KGD)  PHONE#: (919)-856-7434

AUTHORIZATION FOR WASTEWATER/WATER SYSTEM CONSTRUCTION

VOID SIXTY (60) MONTHS FROM DATE OF ISSUANCE

AUTHORIZATION CONDITIONS:

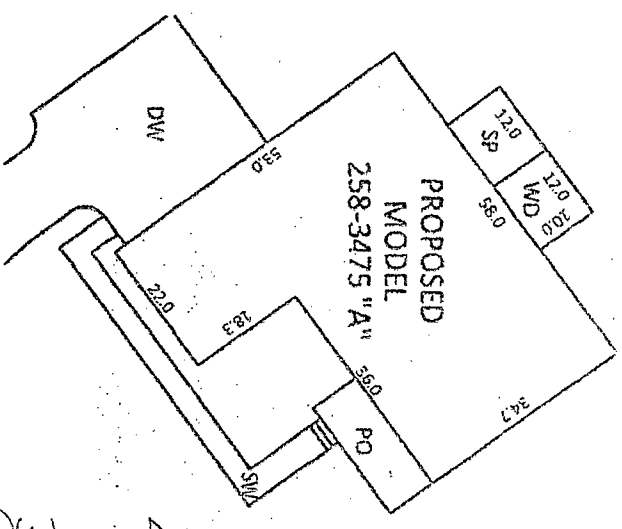
Contractors shall install system on contours, see attached site plan for wastewater system design and well location. No underground utilities, water lines or sprinkler systems may be located in the original system or repair areas. A septic tank filter with a riser for access is required. The wastewater 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: FOLLOW LAYOUT BY M BURDETTE GRAVITY ACCEPTED STATUS REDUCTION ALREADY TAKEN USE LOWER 2 LINES PINK AND ORANGE

TANK SIZE: 1200 gal. PUMP TANK: ____ gal. GREASE TRAP: ____ gal. SQ FT: 1200 ACCEPTED STATUS MAX DEPTH LINE: 24 in.
MAINT: N OPER: N L/O: Y TRENCH#: 2 LENGTH: 200 ft. WIDTH: 36 in. DESIGNER: BURDETTE
SUBFIELDS: ____ DESIGN HEAD PRESSURE: ____ DESIGN FLOW: ____ gal/min DOSE VOLUME: ____ gal. PRETREATMENT: NA

CA ISSUED? Y DATE: 03/05/2014 BY: (KGD)  PHONE#: (919)-856-7434

As Built



INSET SCALE: 1"=30'

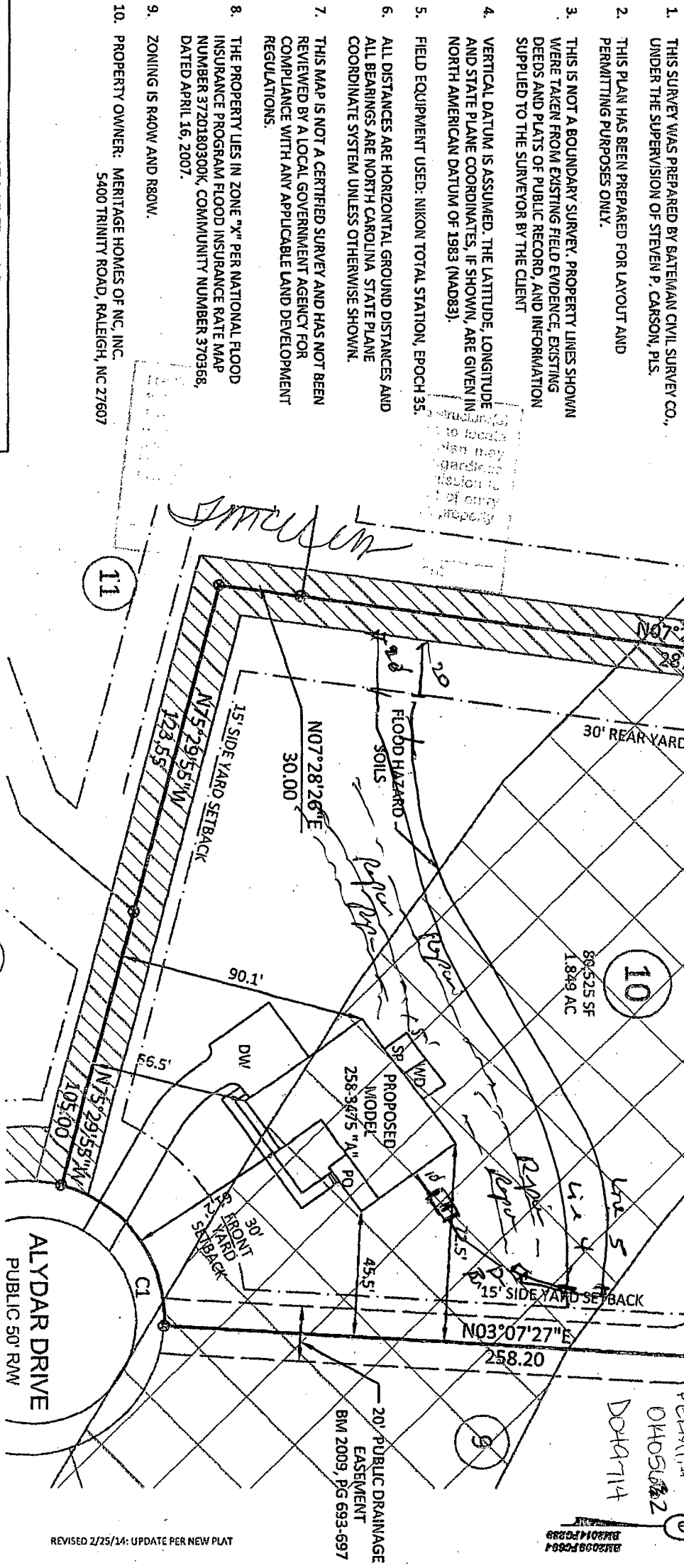
Zoning R40W Date 2-28-14
Approve [Signature] Use 101A
Revise [Signature] MBL
Reject [Signature] Rear 30
Front 30 Corner
Side 15
Comments:

NOTE:
ALL DIMENSIONS, LOCATIONS AND FEATURES SHOWN ON THIS PLOT PLAN ARE APPROXIMATE AND ARE ONLY AN ARTIST'S REPRESENTATION. EXACT LOCATION OF ALL FEATURES ARE SUBJECT TO CHANGE AND MUST 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.

LOT #10
DB 11199, PG 0880
PARCEL ID: 0380666
PIN: 1803544401
ADDRESS: 9505 ALYDAR DRIVE
TOTAL LOT AREA = 1.849 AC = 80,525 SF
MAXIMUM IMPERVIOUS = 16,813 SF
HOUSE = 2,415 SF
DRIVEWAY = 1,500 SF
SIDEWALK = 252 SF
PORCH = 162 SF
SCREENED PORCH = 120 SF
PROPOSED IMPERVIOUS = 4,449 SF
PERCENT IMPERVIOUS = 5.5 %

TC & TIMBER COMPANY, LLC
DB 12230, PG 2163
BM 1953, PG 68

20' PERM. & PUBLIC
DRAINAGE EASEMENT
ALONG NATURAL FLOW
BM 2009, PG 693-697

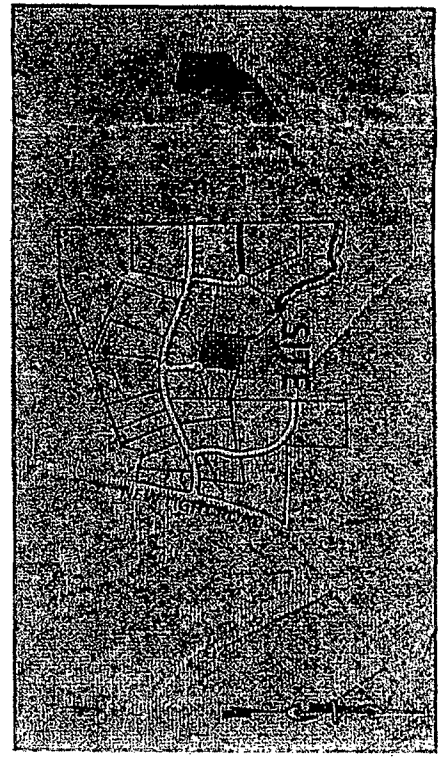


CURVE TABLE			
CURVE	LENGTH	RADIUS	BEARING
C1	55.54	50.00	N59°34'53"E
			55.25

Edmond # 111521.0 Cont'd N-149714 M.D.R. 71111 Doc 7329 71111

SCALE:
1" = 50 ft.

REVISED 2/25/14: UPDATE PER NEW PLAT



VICINITY MAP
(Not to Scale)

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

- LEGEND
- PO = PORCH
 - WD = WOOD DECK
 - SW = SIDEWALK
 - DW = CONC DRIVEWAY
 - = IRON PIPE FOUND
 - = IRON PIPE SET
 - = DRILL HOLE FOUND
 - SP = SCREENED PORCH
 - WM = WATER METER
 - CO = CLEAN OUT
 - AC = AIR CONDITIONER
 - EB = SEWER MANHOLE
 - EB = ELECTRIC BOX
 - = CABLE BOX
 - = TELEPHONE PEDestal
 - CI = CURB INLET
 - TUA = TRANSITIONAL USE AREA
 - ★ = LIGHT POLE

BUILDING SETBACKS:
FRONT = 30 ft
REAR = 30 ft
SIDE = 15 ft
CORNER = 30 ft

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 _____

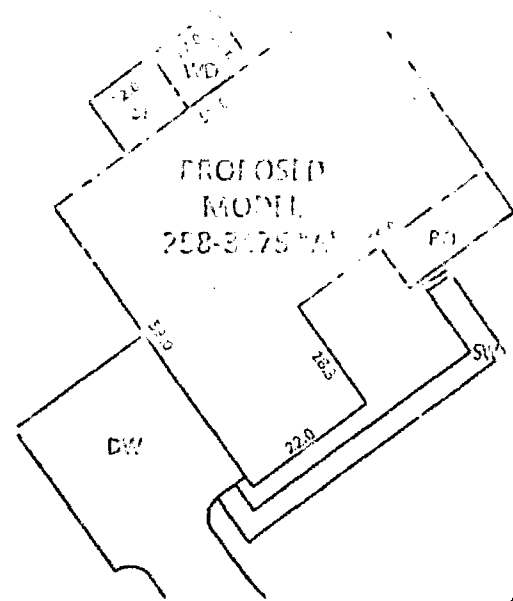
PRELIMINARY PLOT PLAN - LOT 10

FOR



SADDLEBROOK - LOT 10
9505 ALYDAR DRIVE, WAKE FOREST, NC
NEW LIGHT TOWNSHIP, WAKE COUNTY

DATE: 8/8/13 DRAWN BY: JKF CHECKED BY: SPC
REFERENCE: BM 2009 PGS 693-697, BM 2014, PG 239-240
SCALE: 1" = 60'



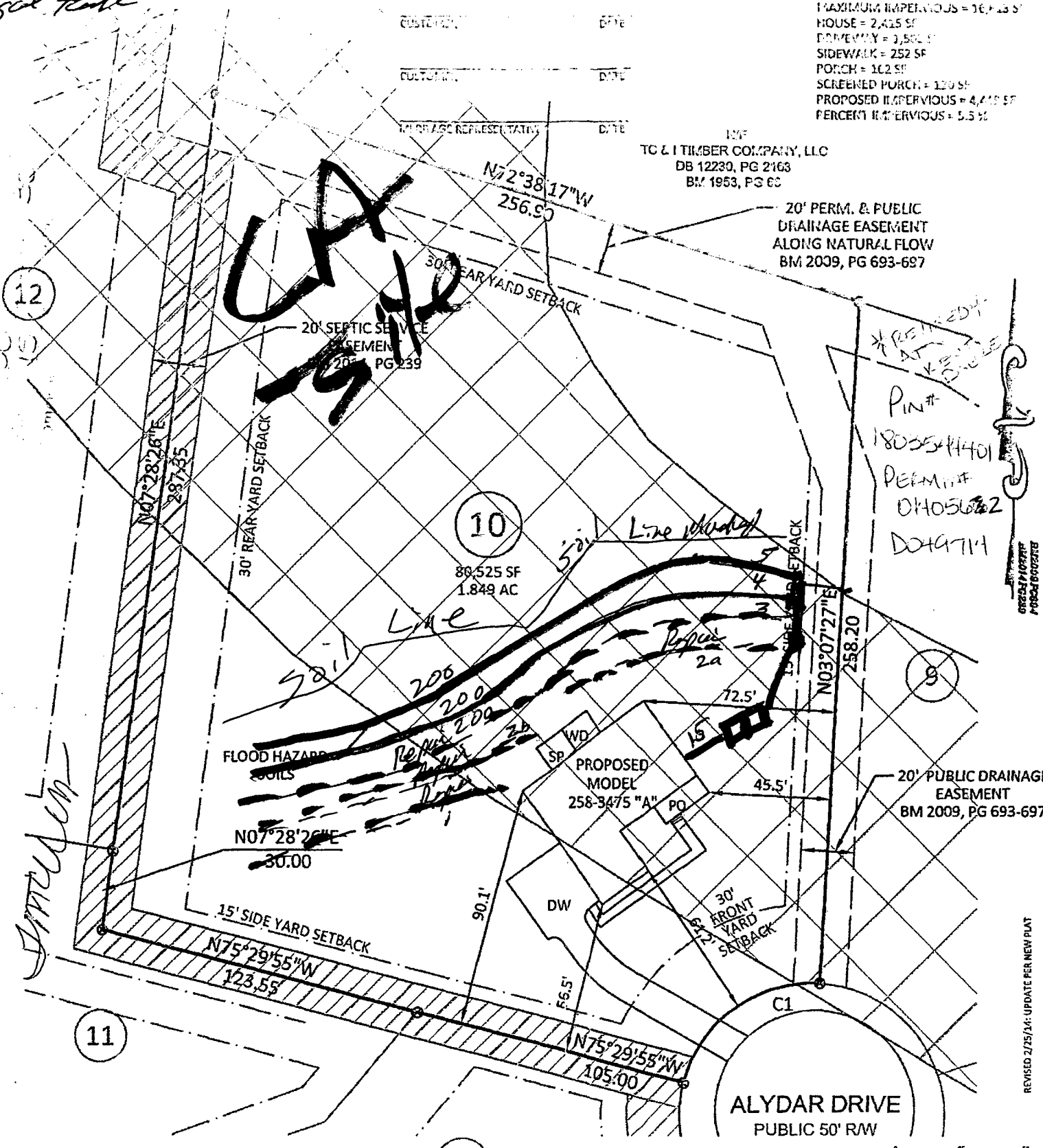
INSET SCALE: 1"=30'

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 3720180300K, COMMUNITY NUMBER 370368, DATED APRIL 16, 2007.
9. ZONING IS R40W AND R80W.
10. PROPERTY OWNER: MERITAGE HOMES OF NC, INC. 5400 TRINITY ROAD, RALEIGH, NC 27607

CURVE TABLE				
CURVE	LENGTH	RADIUS	BEARING	CHORD
C1	58.54	50.00	N 59°34'53" E	55.25

C/A 5:40
line 1 re 4+5
(Pink)(orange)
2x3' x 200' Acc 41ed 5 kpaen system
1200 gal tank



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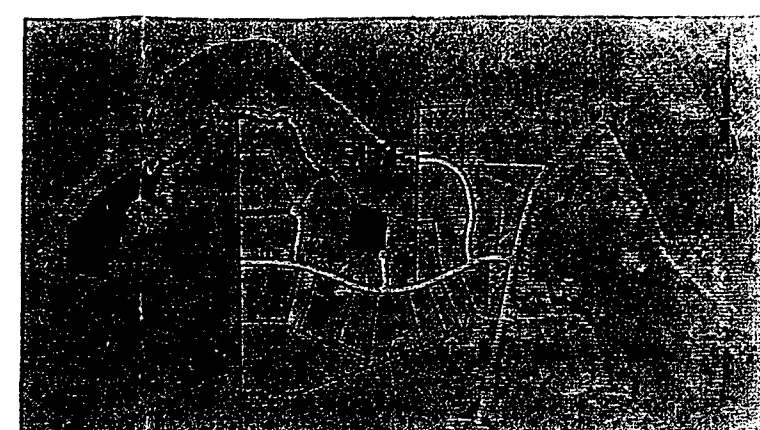
PROPOSED MODEL
258-3475 "A"
TOTAL LOT AREA = 1.849 AC
MAXIMUM IMPERVIOUS = 16,415 SF
HOUSE = 2,415 SF
PORCH = 1,580 SF
SIDEWALK = 252 SF
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TO & I TIMBER COMPANY, LLC
DB 12230, PG 2163
BM 1953, PG 60

20' PERM. & PUBLIC
DRAINAGE EASEMENT
ALONG NATURAL FLOW
BM 2039, PG 693-697



DATE: 8/8/13
DRAWN BY: JKF
CHECKED BY: SPC



VICINITY MAP

(Not to Scale)

LEGEND

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MERITAGE HOMES REPRESENTATIVE

DATE

PRELIMINARY PLOT PLAN - LOT 10

FOR

MeritageHomes

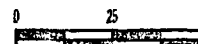
SADDLEBROOK - LOT 10

9505 ALYDAR DRIVE, WAKE FOREST, NC
NEW LIGHT TOWNSHIP, WAKE COUNTY

DATE: 8/8/13 DRAWN BY: JKF CHECKED BY: SPC

REFERENCE: BM 2009 PGS 693-697, BM 2014, PG 239-240

REVISED 2/25/14: UPDATE PER NEW PLAT



SCALE:
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Permit # 1105610 section N-049714 Meritage Homes 7000 POC 739 714