

WAKE COUNTY DEPARTMENT OF ENVIRONMENTAL SERVICES WASTEWATER PERMIT

NO PERMIT(S) FOR CONSTRUCTION, LOCATION OR RELOCATION ACTIVITY SHALL BE ISSUED UNTIL AN AUTHORIZATION FOR WASTEWATER SYSTEM CONSTRUCTION AUTHORIZATION HAS BEEN ISSUED

PERMIT VOID IF NOT IN COMPLIANCE WITH ZONING REGULATIONS AND/OR IF SITE IS ALTERED OR INTENDED USE CHANGED

OPERATIONS PERMIT

PERMIT # WRP-073249-2022

APPLICATION DATE: 01/06/2022

BLDG. PERMIT#: RBPR-073247-2022

PIN: 1821626797

RECORDED: Yes

TOWNSHIP: 14 - New Light

JURISDICTION: Wake County

ZONING: R-80W

APPLICANT: Joe Catalano
4441 Six Forks RD

BUSINESS PHONE:

HOME PHONE:

MOBILE PHONE: (919) 621-2685

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

EXISTING USE:

SITE ADDRESS: 7417 DOVER HILLS DR

SUBDIVISION: CAMBERLY_ PH 3

LOT: 73

ACRES: 1.13

DIRECTIONS: Camberly subdivision. Enter via Camp Kanata Road and turn right once you are in the subdivision and go to the end of the road to the new cul de sac for this property. First Property in the cul de sac on the right

Systems defined as either type III-b, III-g 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 Dispersal Systems in Wake County", requires Wake County Environmental Services to conduct periodic inspections of the system type 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 and/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/her 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.

OPERATION PERMIT VALID FOR: No Expiration

INSTALLED BY: BRANTLEY, CORY - 1036 - IV

PROPRIETARY SYSTEM: EZ1203HG - EZFlow EZ 1203H Geo **PRETREATMENT SYSTEM:**

SYSTEM TYPE INSTALLED: III G

OPERATION PERMIT: STATUS: Issued

ISSUED BY: Jeremy Davis

ISSUED DATE: 06/01/2022

SEPTIC TANK: David Brantley & Sons - STB-323 - 1250 gallons **DATE OF MANUFACTURE:** 01/11/2022 **FILTER:** Other

GREASE TRAP:

DATE OF MANUFACTURE:

FILTER:

DOSING PUMP TANK:

DATE OF MANUFACTURE:

FILTER:

CC1: **ETM1:**

CC2:

ETM2:

RECIRCULATION TANK:

DATE OF MANUFACTURE:

CC1: **ETM1:**

CC2:

ETM2:

SEPTIC TANK ELEVATION: 3.25

GREASE TRAP ELEVATION:

DOSING PUMP TANK ELEVATION:

RECIRCULATION TANK ELEVATION:

DISTRIBUTION DEVICE ELEVATION: 6

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION
24	12	130	7.33
24	12	135	8.41
24	12	140	9.08

ACTUAL PRESSURE HEAD:

ACTUAL FLOW RATE:

ACTUAL DOSE VOLUME: 0

SPECIFIC OPERATION REQUIREMENTS:

- System designed for 4 bedroom home, having 480 gals per day.
- Site serviced by Community Well.
- Septic tank filter: Watercore C4CBF

ISSUED BY:

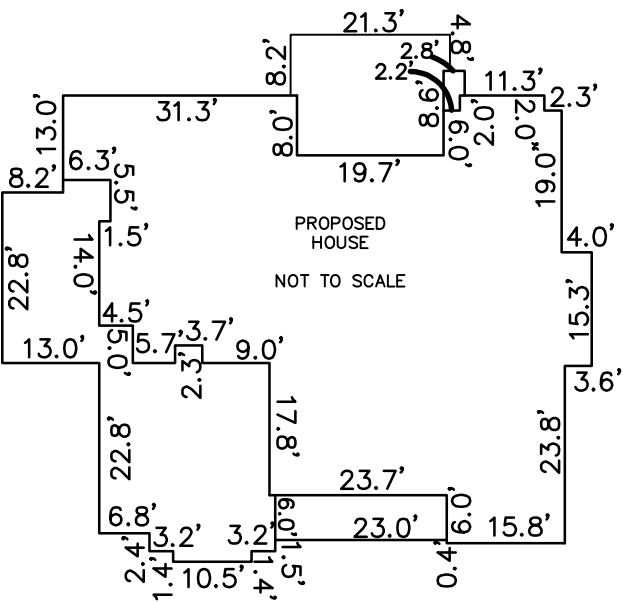


DATE: 06/01/2022

RBPR-073247-2022



Drop
boxes
installed.



PRELIMINARY PLOT PLAN FOR

EXTER BUILDING

LOT 73, CAMBERLY PH.3 SUBDIVISION

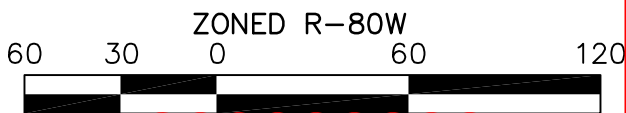
7417 DOVER HILLS DRIVE

REF: B.M.2021, PAGES 2226-2227

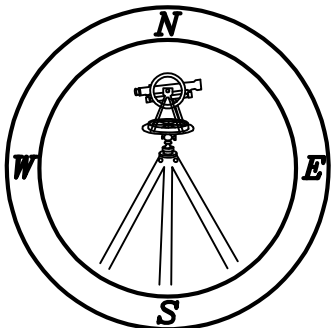
NEW LIGHT TOWNSHIP

WAKE COUNTY, NORTH CAROLINA

DECEMBER 17, 2021



SCALE 1"=60'



**CAWTHORNE, MOSS
& PANCIERA, P.C.**

Professional Land Surveyors
C-1525

333 S. White Street
Post Office Box 1253
Wake Forest, N.C. 27588
(919)556-3148

IMPERVIOUS SURFACE TABLE	
HOUSE	4,013 S.F.
SCREEN PORCH	329 S.F.
DRIVEWAY	1,277 S.F.
SIDEWALKS	167 S.F.
MISC/UTILITIES	21 S.F.
TOTAL IMPERVIOUS AREA	5,807 S.F.
MAX IMPERVIOUS ALLOWED	8,500 S.F.

ZONED R-80W MINIMUM BUILDING SETBACKS	
FRONT	20'
CORNER	20'
REAR	15'
SIDE	10'

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WARRANTY THE ACCURACY
OF ARCHITECTURAL DIMENSIONS.
THEY ARE TO BE VERIFIED BY
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DUKE PROGRESS
UTILITY R/W

OPEN SPACE

N/F
CAMP KANATA
DEVELOPMENT LLC



SITE PLAN APPROVED BY
WAKE COUNTY N.C. P.D.I.
Jennifer Vega
06/01/2022 8:01:47 AM

RBPR 073247-2022

WAKE COUNTY N.C. P.D.I.
REVISED SITE PLAN

REPAIR
AREA

POOL SIZE
18'x36'

Drop
boxes
installed.

SPA 7'x7'
CONNECTED
TO THE POOL

WAKE COUNTY N.C. P.D.I.
FOUNDATION SURVEY REQUIRED

54"
GATE

LOT 74

HOUSE

LOT 73
1.132 AC.

N/F
A.R. NIX
CONSTRUCTION, INC

7417 DOVER HILLS DRIVE
50' PUBLIC R/W



SITE PLAN

SCALE: 1" = 60'-0"

MISA= 8,500 SQFT

IMPERVIOUS CALCULATIONS

EXISTING IMPERVIOUS: 5,807 SF
PROP. IMPERVIOUS: 848 SF
TOTAL IMPERVIOUS AREA: 6,655 (sq.ft)
EX. PROPERTY (sq.ft.): 49,324 (sq.ft.)
TOTAL IMPERVIOUS %: 13.49%

AQUATIC ARTISTS, INC.

LUXURY SWIMMING POOLS
1634 US Hwy 1 (o) 868-8685
Youngsville, NC 27596

RESIDENCE
7417 DOVER HILLS DRIVE
WAKE FOREST, NORTH CAROLINA 27587

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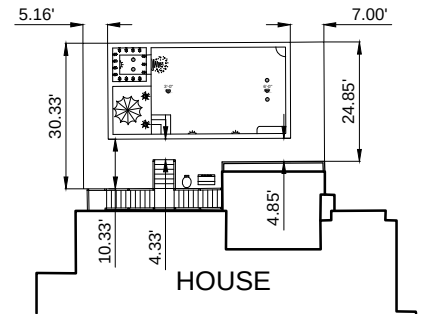
RESIDENCE
LUXURY SWIMMING POOL
LOT 73 CAMBERLY SUBDIVISION
SITE PLAN

FILE: CAMBERLY LOT 73-P-1

DATE: 26 MAY 2022

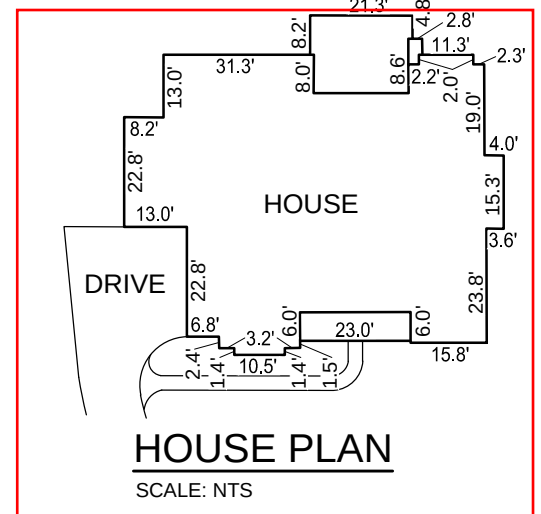
SCALE: 1" = 60'

SHEET NO. **P-1**



POOL DECK PLAN

SCALE: NTS



HOUSE PLAN

SCALE: NTS

Required Setbacks

Front	20
Side	10
Rear	15
Corner	

GENERAL NOTES:

1. ALL POOL AND SPA ANTI-SUCTION DEVICES WILL COMPLY WITH ANSI/APSP 7-06.3.
2. ALARMS ON DOORS IN BARRIER WALLS OF THE DWELLING WILL COMPLY WITH UL2017 AND HAVE DEACTIVATION DEVICES MOUNTED AT A MINIMUM HEIGHT @ 54" ABOVE DOOR THRESHOLD.
3. ALL FENCING AND GATES WILL BE 60" POOL CODE FENCING.
4. IN-GROUND POOL AND SPA TO BE CONSTRUCTED WITH ANSI/NSPI-5 PER APPENDIX V SECTION 103-1.

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CONSTRUCTION AUTHORIZATION PERMIT**PERMIT # WRP-073249-2022****APPLICATION DATE:** 01/06/2022**BLDG. PERMIT#:** RBPR-073247-2022**PIN:** 1821626797**RECORDED:** Yes**TOWNSHIP:** 14 - New Light**JURISDICTION:** Wake County**ZONING:** R-80W

APPLICANT: Joe Catalano
4441 Six Forks RD
Raleigh, NC 27609

BUSINESS PHONE:
HOME PHONE:
MOBILE PHONE: (919) 621-2685

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE**EXISTING USE:****SITE ADDRESS:** 7417 DOVER HILLS DR**SUBDIVISION:** CAMBERLY_ PH 3**LOT:** 73**ACRES:** 1.13

DIRECTIONS: Camberly subdivision. Enter via Camp Kanata Road and turn right once you are in the subdivision and go to the end of the road to the new cul de sac for this property. First Property in the cul de sac on the right

Contractors shall install system on contour. See attached SITE PLAN for wastewater system design and well location. No underground utilities, water lines or sprinklers systems may be located in the original system, or permit areas. A septic tank filter with two risers 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 Operations 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 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 nitrifications 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. Maximum depth of line is calculated using the downhill side of the trench and includes slope correction.

CONSTRUCTION AUTHORIZATION PERMIT VALID FOR: Five Years**CONSTRUCTION AUTHORIZATION PERMIT: CA STATUS:** Issued**BY:** Noah Greenway**DATE:** 01/24/2022**CA VALID FOR:** Five Years**DESIGN FLOW:** 480 GALLONS**BASEMENT:** No**BASEMENT FIXTURES:** No**SEPTIC TANK:** 1200 GALLONS**SEPTIC TANK FILTER:** Yes**DOSING PUMP TANK:****DOSING PUMP TANK FILTER:****GREASE TRAP:****GREASE TRAP FILTER:****RECIRCULATION PUMP TANK:****RECIRCULATION PUMP TANK FILTER:****PROPOSED SYSTEM:** 0.25 - 25% Reduction (Innovative or Accepted)**EXISTING SYSTEM:** No**DRAINFIELD SQ. FT:** 1,215**AGGREGATE DEPTH:** 12**MAX. TRENCH DEPTH:** 24 INCHES**DISTRIBUTION DEVICE:** GS - Gravity Serial**TRENCH #:** 3**TRENCH LENGTH:** 130, 135,
140 FEET**TRENCH WIDTH:** 36 INCHES**TOTAL TRENCH LENGTH:** 405 FEET

CENTER SPACING: 9 FEET

PRETREATMENT:

SUBFIELDS #: 1

PUMP TDH:

MINIMUM SOIL COVER: 6 INCHES

APPROVAL #:

PUMP DESIGN FLOW:

ZONE VALVE: No

ASDMS REQUIRED: No

LINE OF CREDIT REQUIRED: No

OPERATOR REQUIRED: No

P.E. SIGN OFF/ASBUILT REQUIRED: No

TRIPARTY AGREEMENT REQUIRED: No

SPECIFIC CONSTRUCTION AUTHORIZATION REQUIREMENTS:

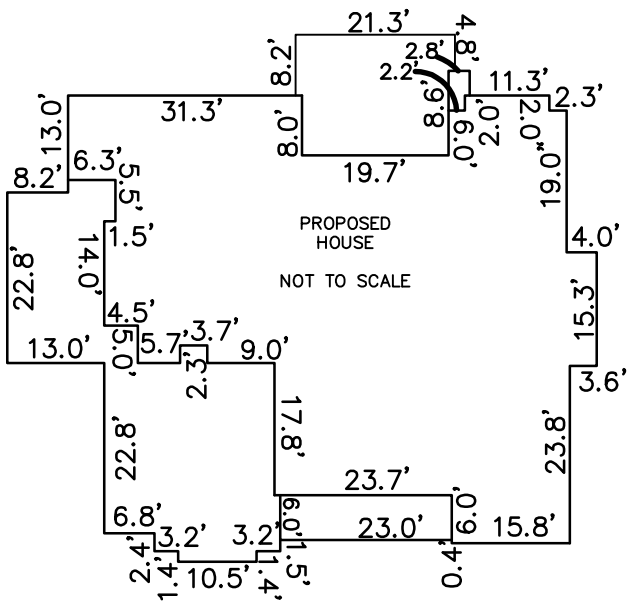
- System designed for 4 bedroom home, having 480 gals per day (Design Flow)
- Future Repair is a IIA type system with a Max Trench depth of 24" and a 0.30 LTAR.
- Site serviced by Community Well water.
- Any deviation from accepted design must be approved by the Consultant (CCSC) and Wake County ES prior to system installation.
- Maintain all required setbacks.
- All property lines must be fully marked at time of install or reinspection required.
- No cutting, grading, alterations, or utilities in septic area.
- Please contact (Noah Greenway - (919) 868-2564) with any questions prior or during install.

Issued By:



Date: 01/24/2022

RBPR-073247-2022



PRELIMINARY PLOT PLAN FOR

EXTER BUILDING

LOT 73, CAMBERLY PH.3 SUBDIVISION

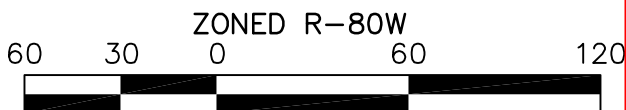
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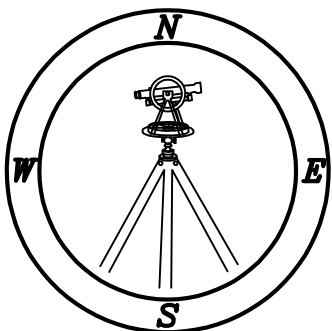
NEW LIGHT TOWNSHIP

WAKE COUNTY, NORTH CAROLINA

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SCALE 1"=60'



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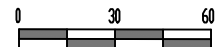
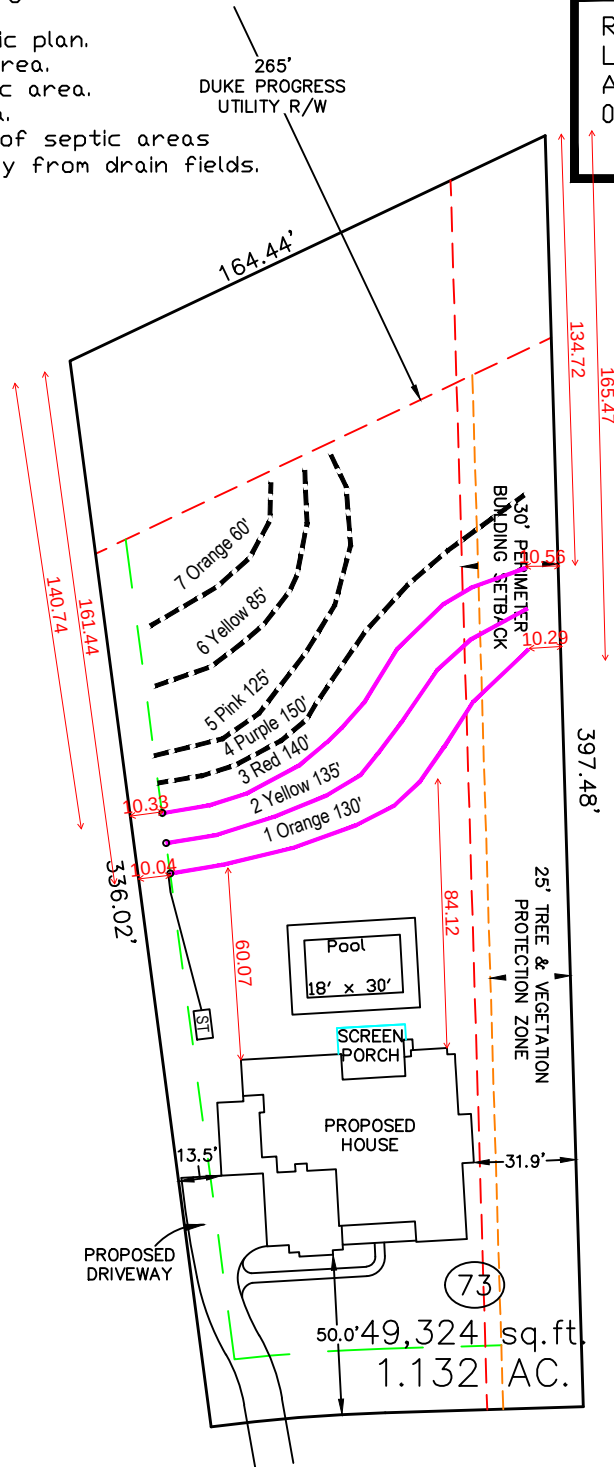
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- *Keep tanks and drain lines 10' from property lines.
- *Not a survey.
- *Not a guarantee of a septic permit.
- *Keep supply lines >5' from property lines.
- *Some lines are flagged longer in the field than lengths indicated on septic plan.
- *No grading within septic area.
- *No adding soil within septic area.
- *No rutting-up septic area.
- *No cuts of >2' within 15' of septic areas
- *Divert surface water away from drain fields.

System: Gravity to Serial
Lines: 1-3, (405')
Accepted Status System
0.3 Soil LTAR

Repair: Gravity to Serial
Lines: 4-7, (420')
Accepted Status System
0.3 Soil LTAR

System: ————
Repair: - - - - -



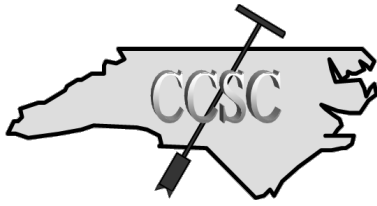
SCALE:
1" = 60 ft.



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

Septic Site Plan
Lot 73, Camberly Subdivision
4-Bedroom
Wake County, North Carolina

Job#: 3980
Drawn By: AH
Date: 10/4/2021
Revision:



Central Carolina Soil Consulting, PLLC

1900 South Main Street
Suite 110
Wake Forest, NC 27587
919-569-6704

January 20, 2022
Project # 3980

Wake Co. Department of Environmental Services
Attention: Geoffrey Pearson
PO Box 550
Raleigh, NC 27602

RE: Proposed use of on-site sewage disposal systems in the 25' Tree and Vegetative Protection Zones on lot 73 Camberly.

Dear Mr. Pearson:

This letter is reference to Wake County's Unified Development Code (16-10-J (1)) to substantiate that the location of the proposed primary wastewater drain field and/or components on lot 73 Camberly in the 25' Tree and Vegetative Protection Zone(s) is required. Due to the provisionally suitable soil areas, size of proposed houses (4-Bedroom) and topography the location of the wastewater systems are required in the Tree Protection zones to meet the minimum available space required for subsurface septic systems.

Please give me a call if you have any other questions regarding the septic system locations on this lot.

Sincerely,

A handwritten signature in black ink, appearing to read "J. Hall", written in a cursive style.

Jason Hall

NC Licensed Soil Scientist # 1248



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IMPROVEMENT PERMIT

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Permit is subject to revocation if the Site Plan or Plat changes or the intended use changes.

*Maximum depth of line is calculated using the downhill side of the trench and includes slope correction.

IP VALID FOR: Five Years AS PER GS 130A-335 (f)

DESIGNED BY: CCSC

SYSTEM LAYOUT: Private Sector

SITE CLASSIFICATION: Provisionally Suitable

IP STATUS: Issued

BY: Noah Greenway

DATE: 01/24/2022

NUMBER OF BEDROOMS: 4

OR TOTAL NUMBER OF OCCUPANTS: 8

PERMITTED DESIGN FLOW: 480 GPD

BASEMENT: No

BASEMENT PLUMBING: No

WASTEWATER STRENGTH: Domestic

SYSTEM TYPE: II A

LTAR: 0.300

EXISTING SYSTEM UTILIZED: No

PRETREATMENT STRENGTH REQUIRED: None

EASEMENT FOR WW SYSTEM ASSOCIATED WITH PARCEL: No

MAXIMUM TRENCH DEPTH: 24 INCHES

PUMP REQUIRED: No

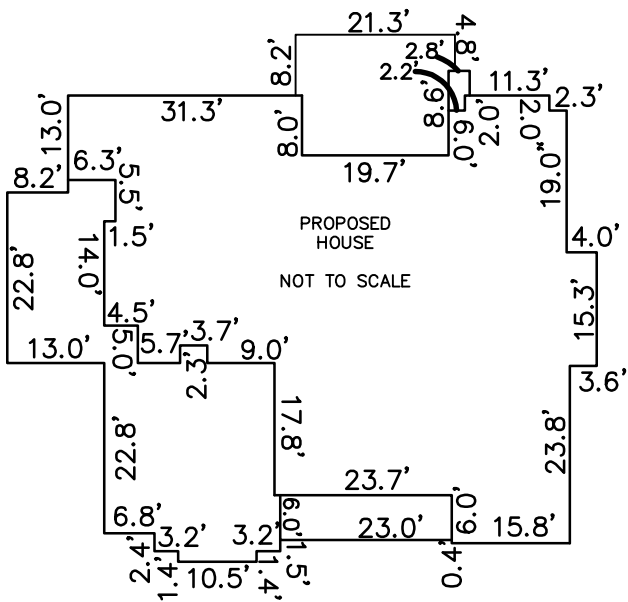
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-No cutting, grading, alterations, or utilities in septic area.
-Maintain all required setbacks.

ISSUED BY:

A handwritten signature in black ink, reading "Mark Greenway", is centered within a light gray rectangular box.

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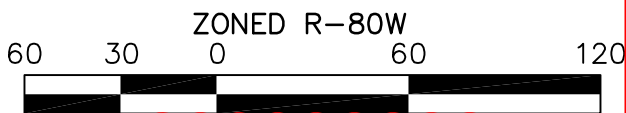
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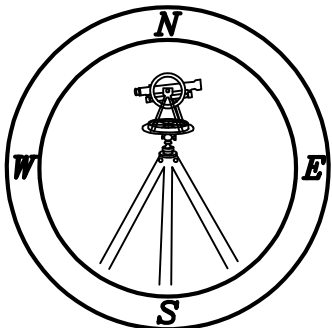
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