

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-085807-2022

APPLICATION DATE: 07/28/2022

BLDG. PERMIT#: RABS-110689-2023

PIN: 0891590510

RECORDED: Yes

TOWNSHIP: 02 - Bartons Creek

JURISDICTION: Wake County

ZONING: R-80W

APPLICANT: Chris Wagoner
PO Box 58602

BUSINESS PHONE:

HOME PHONE:

MOBILE PHONE:

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

EXISTING USE:

SITE ADDRESS: 1204 EXPLORER TRL

SUBDIVISION: Creedmoor Manor

LOT: 6

ACRES: 0.92

DIRECTIONS: North on HWY 50
Turn Right on Explorer Trail

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: STEPHENSON, JASON BAYMON - 4643 - IV

PROPRIETARY SYSTEM: IQ4PS - Infiltrator Quick4 Plus
Standard

PRETREATMENT SYSTEM:

SYSTEM TYPE INSTALLED: III G

OPERATION PERMIT: STATUS: Issued

ISSUED BY: Adam Currin

ISSUED DATE: 02/09/2024

SEPTIC TANK: Other

DATE OF MANUFACTURE: 12/22/2023 **FILTER:** Polylok - PL-68

SEPTIC TANK ELEVATION: 3.67

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	102	6.42
24	12	98	6.83
24	12	102	7.67
24	12	98	7.92

SPECIFIC OPERATION REQUIREMENTS:

- System designed for 4 bedroom home, having 480 gals per day (Design Flow)
- Future Repair is a IIIG-50% reduction system PPBPS – (Horizontal type system) with a max trench depth of 24” and a 0.30 LTAR.
- Site serviced by community well water.
- Septic tank is an HPPP-1250 (STB-775)

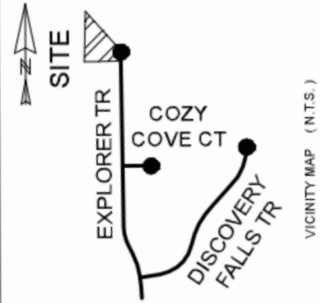
ISSUED BY:



DATE: 02/09/2024

NOTES:
1. NO N.C. GRID MONUMENT FOUND WITHIN 2000'.
2. ALL DIATNCES ARE HORIZONTAL GROUND DISTANCES.
3. AREA BY COORDINATE GEOMETRY.

CURVE	ARC LEN	RADIUS	CH LEN	CH BEARING
C1	85.29'	50.00'	75.32'	S 88°55'33" W
C2	21.03'	25.00'	20.41'	S 64°09'02" W



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 - IPS = IRON PIPE SET
 - CP = COMPUTED POINT
 - CM = CONCRETE MONUMENT
 - D = DECK
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 - LP = LIGHT POLE
 - PP = POWER POLE
 - OE = OVERHEAD ELECTRIC LINE
 - F = FENCE
 - MISA = MAXIMUM IMPERVIOUS SURFACE AREA

7283 HIGHWAY 42 W, SUITE 102 #336
RALEIGH, NORTH CAROLINA - 27603

CHANCE SURVEYING COMPANY, P.A.

LICENSE NO. C-2964

PHONE (919) 329-5795
EMAIL: chancesurveying@gmail.com



WAKE COUNTY
NORTH CAROLINA

SITE PLAN APPROVED BY
WAKE COUNTY N.C. P.D.I.

Ivey Shields
09/22/2023 9:55:08 AM

LOT 5
CREEDMOOR MANOR
BM 2018, PG 2051

LOT 7
CREEDMOOR MANOR
BM 2018, PG 2051

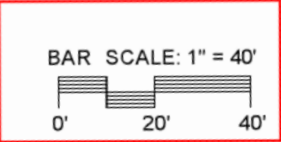
Required Setbacks

Front	50
Side	5
Rear	5
Corner	

Proposed Impervious:

Pool/spa coping	= 112 sf
Pool Patio	= 1,220 sf
Pool Equip.	= 32 sf
Total Proposed	= 1,364 sf
Total existing	= 6,100 sf
New Total	= 7,464 sf
MISA	= 8,000 sf

IMPERVIOUS SURFACE TABLE	
PROPOSED HOUSE	4,078.5 sq.ft.
PROPOSED PORCHES	419.8 sq.ft.
PROPOSED DRIVE	1,361.5 sq.ft.
PROPOSED WALK	240.9 sq.ft.
TOTAL	6,100.7 sq.ft.
(14.7% OF LOT AREA)	
MAXIMUM IMPERVIOUS SURFACE AREA FOR THIS LOT IS 8,000 sq.ft.	



SITE DATA:

CREEDMOOR MANOR, LOT 6
MAP BOOK 2018, PAGE 2051 - 2053
TOWNSHIP: BARTON'S CREEK
FILE NAME: Creedmoor Manor Lot 6 Plot Plan.dwg
DATE: JANUARY 12, 2023

PROPOSED PLOT PLAN FOR
WAGONER CONSTRUCTION
WAKE COUNTY, NORTH CAROLINA

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***

CONSTRUCTION AUTHORIZATION PERMIT**PERMIT # WRP-085807-2022****APPLICATION DATE:** 07/28/2022**BLDG. PERMIT#:** RBPR-086121-2022**PIN:** 0891590510**RECORDED:** Yes**TOWNSHIP:** 02 - Bartons Creek**JURISDICTION:** Wake County**ZONING:** R-80W

APPLICANT: Chris Wagoner
PO Box 58602
Raleigh, NC 27658

BUSINESS PHONE:**HOME PHONE:****MOBILE PHONE:****HD USE:** 101A CONVENTIONAL ONE-FAMILY HOUSE**EXISTING USE:****SITE ADDRESS:** 1204 EXPLORER TRL**SUBDIVISION:** Creedmoor Manor**LOT:** 6**ACRES:** 0.92

DIRECTIONS: North on HWY 50
Turn Right on Explorer Trail

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:** 09/26/2023**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:** No**GREASE TRAP:****GREASE TRAP FILTER:** No**RECIRCULATION PUMP TANK:****RECIRCULATION PUMP TANK FILTER:** No**PROPOSED SYSTEM:** 0.25 - 25% Reduction (Innovative or Accepted)**EXISTING SYSTEM:** No**DRAINFIELD SQ. FT:** 1,200**AGGREGATE DEPTH:** 12**MAX. TRENCH DEPTH:** 24 INCHES**DISTRIBUTION DEVICE:** GP - Gravity Parallel**TRENCH #:** 4**TRENCH LENGTH:** 100, 100,
100, 100 FEET**TRENCH WIDTH:** 36 INCHES**TOTAL TRENCH LENGTH:** 400 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 IIIG-50% reduction system PPBPS – (Horizontal 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 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.

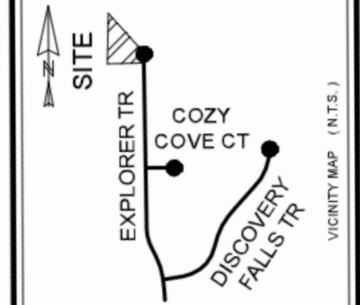
Issued By:



Date: 09/26/2023

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3. AREA BY COORDINATE GEOMETRY.

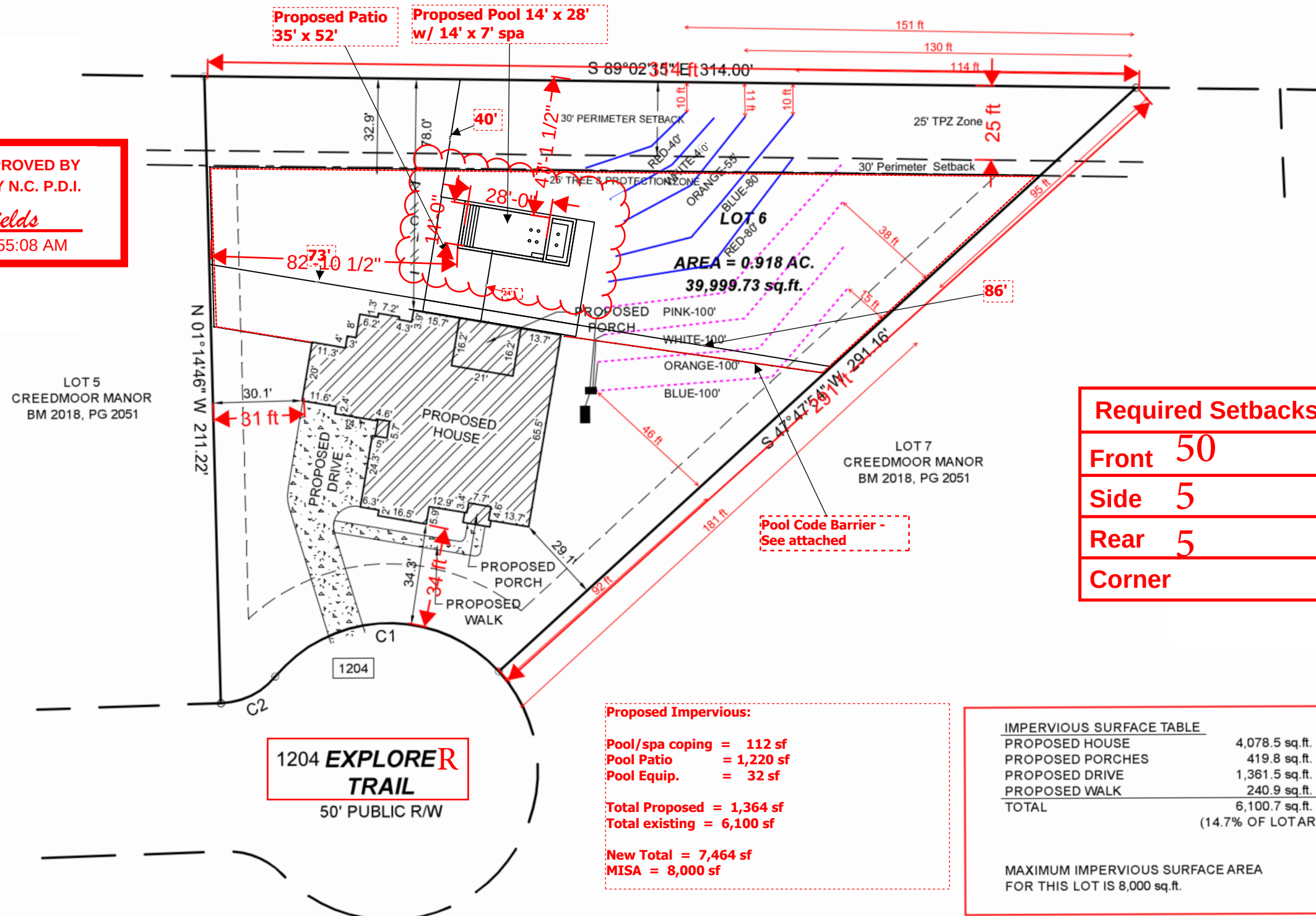
CURVE	ARC LEN	RADIUS	CH LEN	CH BEARING
C1	85.29'	50.00'	75.32'	S 88°55'33" W
C2	21.03'	25.00'	20.41'	S 64°09'02" W



**SITE PLAN APPROVED BY
WAKE COUNTY N.C. P.D.I.**

Ivey Shields

09/22/2023 9:55:08 AM



Required Setbacks	
Front	50
Side	5
Rear	5
Corner	

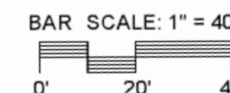
<u>IMPERVIOUS SURFACE TABLE</u>	
PROPOSED HOUSE	4,078.5 sq.ft.
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PROPOSED WALK	240.9 sq.ft.
TOTAL	6,100.7 sq.ft.
	(14.7% OF LOT AREA)

MAXIMUM IMPERVIOUS SURFACE AREA
FOR THIS LOT IS 8,000 sq.ft.

SITE DATA:

CREEDMOOR MANOR, LOT 6
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TOWNSHIP: BARTON'S CREEK
FILE NAME: Creedmoor Manor Lot 6 Plot Plan.dwg
DATE: JANUARY 12, 2023

PROPOSED PLOT PLAN FOR
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WAKE COUNTY, NORTH CAROLINA



27283 HIGHWAY 42 W, SUITE 102 #336
RALEIGH, NORTH CAROLINA - 27603

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IMPROVEMENT PERMIT

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SUBDIVISION: Creedmoor Manor

LOT: 6

ACRES: 0.92

DIRECTIONS: North on HWY 50
Turn Right on Explorer Trail

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: Staff

SYSTEM LAYOUT: Staff

SITE CLASSIFICATION: Provisionally Suitable

IP STATUS: Issued

BY: Noah Greenway

DATE: 09/26/2023

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: III G

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

- SPECIFIC SYSTEM REQUIREMENTS:** -System designed for 4 bedroom home, having 480 gals per day (Design Flow).
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-Site serviced by community well water.
-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.

DATE: 09/26/2023

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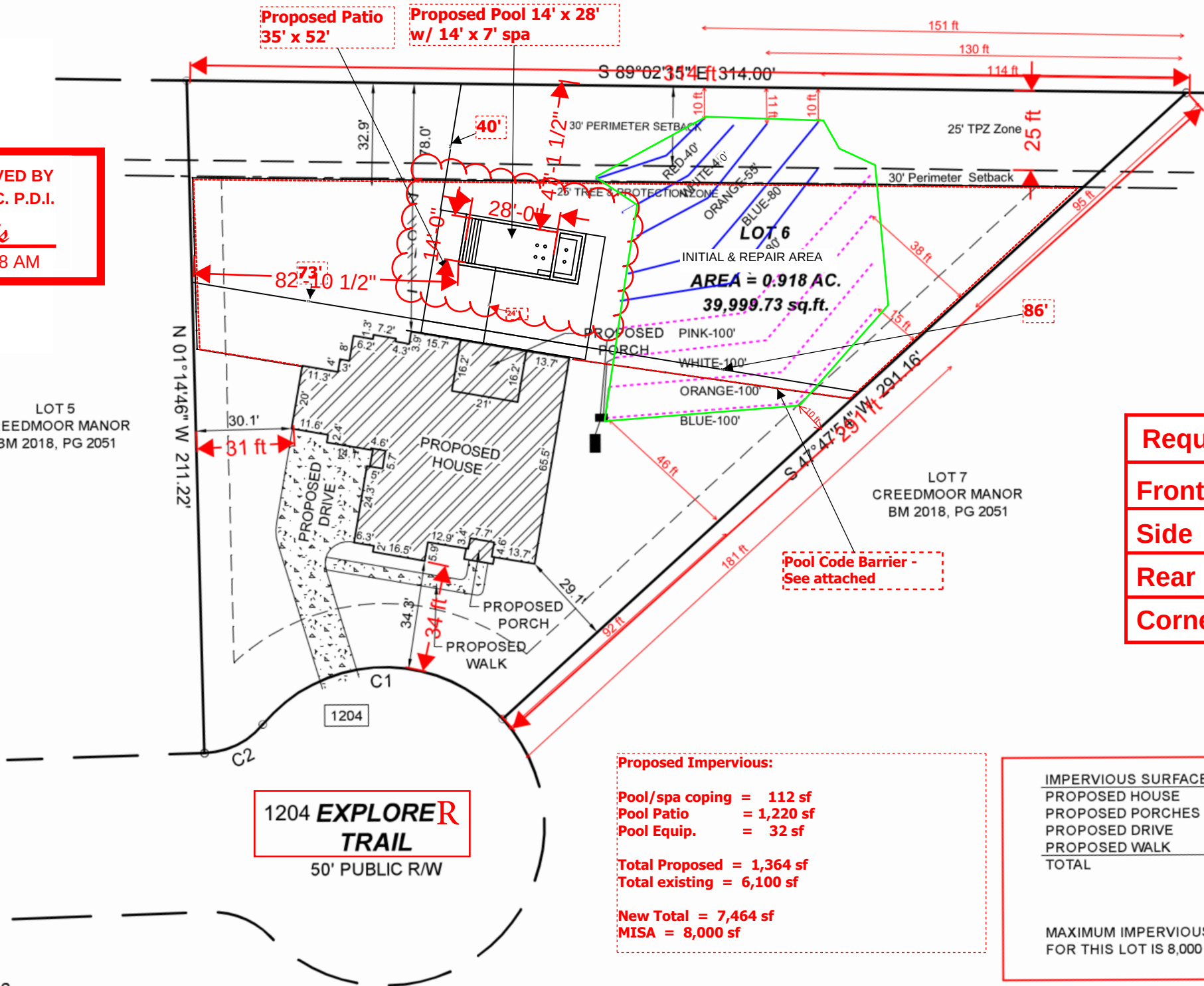
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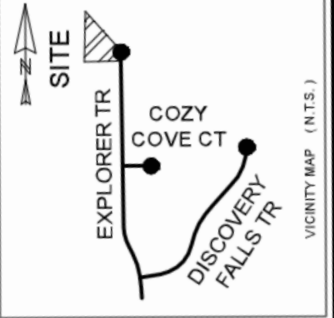
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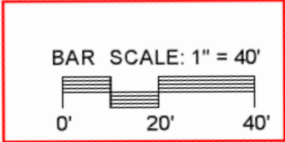


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