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-057469-2021 **APPLICATION DATE:** 04/13/2021 **BLDG. PERMIT#:**

PIN: 0687135257 **RECORDED:** Yes

TOWNSHIP: 12 - Middle Creek **JURISDICTION:** Fuquay Varina **ZONING:** RA

APPLICANT: Eastwood Homes of Raleigh LLC
Joseph Stewart
6601 Six Forks RD

BUSINESS PHONE: (919) 758-8208 ext X202
HOME PHONE:
MOBILE PHONE: (919) 524-8467

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE **EXISTING USE:**

SITE ADDRESS: 4324 BECKEL RD

SUBDIVISION: Kennebec Meadows **LOT:** 2 **ACRES:** 0.53

DIRECTIONS: I-40 W, take exit 298A for US-401S/US-70 E toward Fayetteville, take a right onto US-401, keep right to continue of US-401 S/ Fayetteville Road, turn left onto Hilltop Needmore Rd, turn right onto Kennebec Rd, community will be on your 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: ADCOCK JR, JAMES S - 1902 - IV
PROPRIETARY SYSTEM: EZ1203HG - EZFlow EZ 1203H Geo **PRETREATMENT SYSTEM:**
SYSTEM TYPE INSTALLED: III G
OPERATION PERMIT: STATUS: Issued **ISSUED BY:** Caroline Suggs **ISSUED DATE:** 10/24/2022

SEPTIC TANK: Mitchell Concrete - STB-381 - 1250 gallons **DATE OF MANUFACTURE:** 08/25/2022 **FILTER:** Polylok - PL-68
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: 2.48 **GREASE TRAP ELEVATION:** **DOSING PUMP TANK ELEVATION:**
RECIRCULATION TANK ELEVATION: **DISTRIBUTION DEVICE ELEVATION:** 4

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION
24	12	75	5.33
24	12	75	5.42
24	12	75	5.58
24	12	75	5.66
24	12	75	5.88

ACTUAL PRESSURE HEAD: **ACTUAL FLOW RATE:** **ACTUAL DOSE VOLUME:** 0

SPECIFIC OPERATION REQUIREMENTS:
-System designed for a 4 bedroom home, having 480 gals per day
-Future Repair is a III B type system, with a max trench depth of 24" and a 0.325 LTAR
-Site serviced by a community well

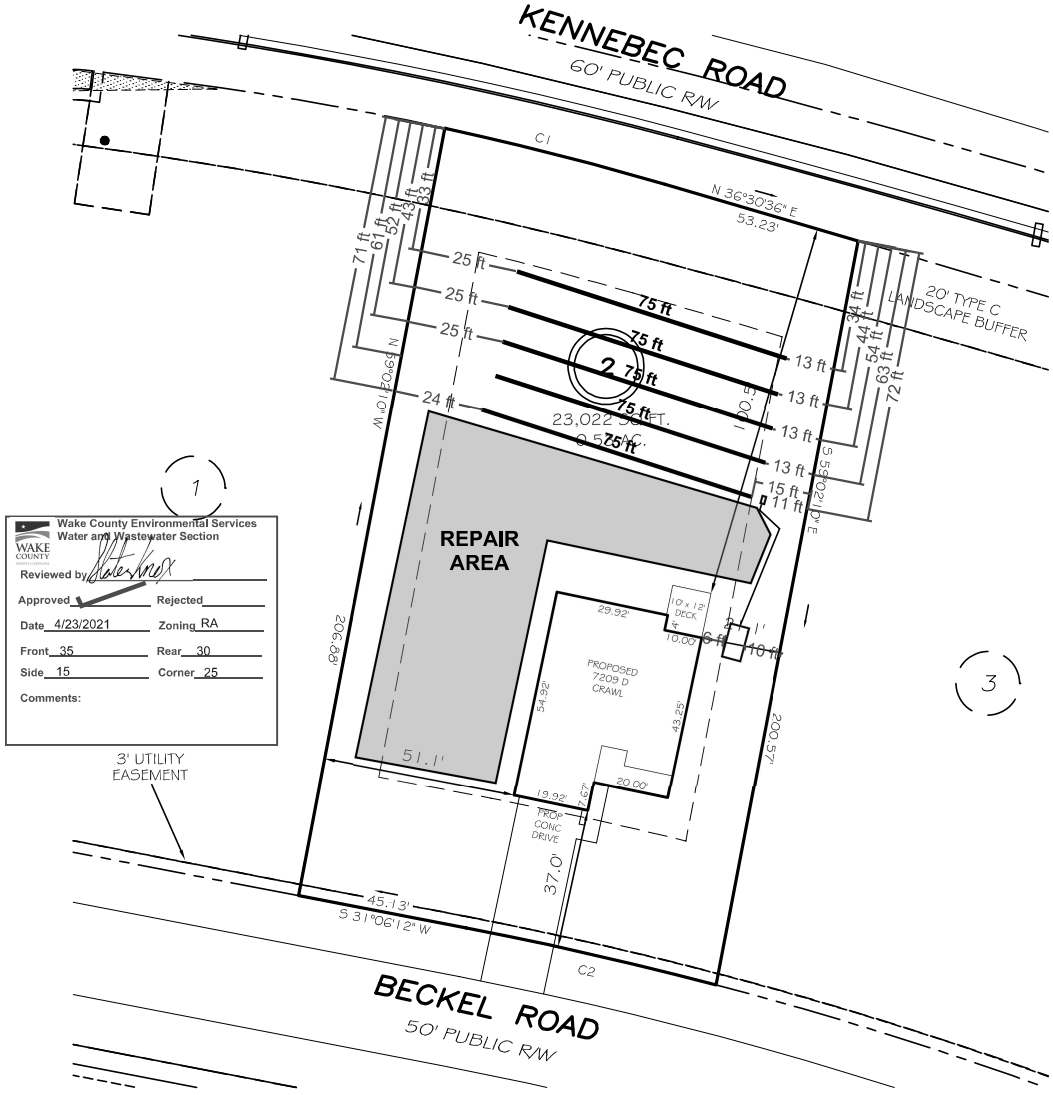
ISSUED BY: Caroline Suggs, REHS **DATE:** 10/24/2022

I, MICHAEL P. GRIFFIN , certify that under my direction and supervision this map was drawn from an actual field survey; that the error of closure of the survey as calculated by coordinates is 1: 10,000+ ; that the area shown hereon was calculated by coordinates.

Witness my hand and seal this day of MONTH 2021.

WRP-057469-2021
AS BUILT

WAKE CO. REGISTRY
BM 2019 PGS 1970-1972



Wake County Environmental Services
Water and Wastewater Section

Reviewed by _____

Approved ✓ Rejected _____

Date 4/23/2021 Zoning RA

Front 35 Rear 30

Side 15 Corner 25

Comments:

IMPERVIOUS AREAS

HOUSE	1999 SQ. FT.
DRIVE & WALKS	697 SQ. FT.
PATIO	0 SQ. FT.
TOTAL	2696 SQ. FT.
ALLOWED	5000 SQ. FT.

SETBACKS

FRONT	35'
REAR	30'
SIDE	15'
CORNER SIDE	25'

C1 R=850.20' L=60.14' S34°29'00"W 60.13'
C2 R=1025.00' L=67.93' S33°00'06"W 67.92'

PRELIMINARY
NOT FOR RECORDATION, SALES OR CONVEYANCE

LEGEND

EIP	EXISTING IRON PIPE	FES	FLARED END SECTION
IPS	IRON PIPE SET	WM	WATER METER
R/W	RIGHT OF WAY	CO	CLEAN OUT
N/F	NOW OR FORMERLY	FH	FIRE HYDRANT
EIS	EXISTING IRON STAKE	CB	CATCH BASIN

GRIFFIN LAND SURVEYING, INC.
P. O. BOX 148
FUQUAY-VARINA, NC 27526
(919) - 567 - 1963

PLOT PLAN
FOR
EASTWOOD HOMES
KENNEBEC MEADOWS
LOT 2
4324 BECKEL ROAD
NORTH CAROLINA
WAKE COUNTY TOWN OF FUQUAY-VARINA

DRAWN BY NMF | DATE 4/12/21
CHECKED BY MPG | SCALE 1" = 40'

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

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CONSTRUCTION AUTHORIZATION PERMIT

PERMIT # WRP-057469-2021 **APPLICATION DATE:** 04/13/2021 **BLDG. PERMIT#:**

PIN: 0687135257 **RECORDED:** Yes

TOWNSHIP: 12 - Middle Creek **JURISDICTION:** Fuquay Varina **ZONING:** RA

APPLICANT: Eastwood Homes of Raleigh LLC
6601 Six Forks RD
Raleigh, NC 27615

BUSINESS PHONE: (919) 758-8208 ext X202
HOME PHONE:
MOBILE PHONE: (919) 524-8467

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE **EXISTING USE:**

SITE ADDRESS: 4324 BECKEL RD

SUBDIVISION: Kennebec Meadows **LOT:** 2 **ACRES:** 0.53

DIRECTIONS: I-40 W, take exit 298A for US-401S/US-70 E toward Fayetteville, take a right onto US-401, keep right to continue of US-401 S/ Fayetteville Road, turn left onto Hilltop Needmore Rd, turn right onto Kennebec Rd, community will be on your 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:** Laura Allen **DATE:** 05/13/2021

CA VALID FOR: Five Years **DESIGN FLOW:** 480 GALLONS **BASEMENT:** No **BASEMENT FIXTURES:** No

SEPTIC TANK: 1200 GALLONS
DOSING PUMP TANK: 0 GALLONS
GREASE TRAP:
RECIRCULATION PUMP TANK:

SEPTIC TANK FILTER: Yes
DOSING PUMP TANK FILTER:
GREASE TRAP FILTER:
RECIRCULATION PUMP TANK FILTER:

PROPOSED SYSTEM: 0.25 - 25% Reduction (Innovative or Accepted) **EXISTING SYSTEM:**
DRAINFIELD SQ. FT: 1,116 **AGGREGATE DEPTH:** 12 **MAX. TRENCH DEPTH:** 24 INCHES
DISTRIBUTION DEVICE: GP - Gravity Parallel
TRENCH #: 5 **TRENCH LENGTH:** 75' **TRENCH WIDTH:** 36 INCHES **TOTAL TRENCH LENGTH:** 372 FEET

CENTER SPACING: 9 FEET
PRETREATMENT:
SUBFIELDS #:
PUMP TDH:

MINIMUM SOIL COVER: 6 INCHES
APPROVAL #:
PUMP DESIGN FLOW:
ZONE VALVE: No

ASDMS REQUIRED:
LINE OF CREDIT REQUIRED:
OPERATOR REQUIRED:
P.E. SIGN OFF/ASBUILT REQUIRED:
TRIPARTY AGREEMENT REQUIRED:

SPECIFIC CONSTRUCTION AUTHORIZATION REQUIREMENTS:
-System designed for a 4 bedroom home, having 480 gals per day.
-Future Repair is a III B type system. With a Max Trench depth of 24" and a 0.325 LTAR.
-Site serviced by a community well.
-Any deviation from accepted design must be approved by CCSC & Wake County ES prior to system installation.
-If drain line flags removed contact your consultant to reflag.
-House has no foundation drain.
-Maintain all required setbacks.
-All property lines must be fully marked at time of install or reinspection required.
-Please contact Laura Allen at (919) 810-5718 or Laura.Allen@wakegov.com with any questions prior or during install.

Issued By: Laura Allen **Date:** 05/13/2021

Construction Authorization includes CA Part A-B

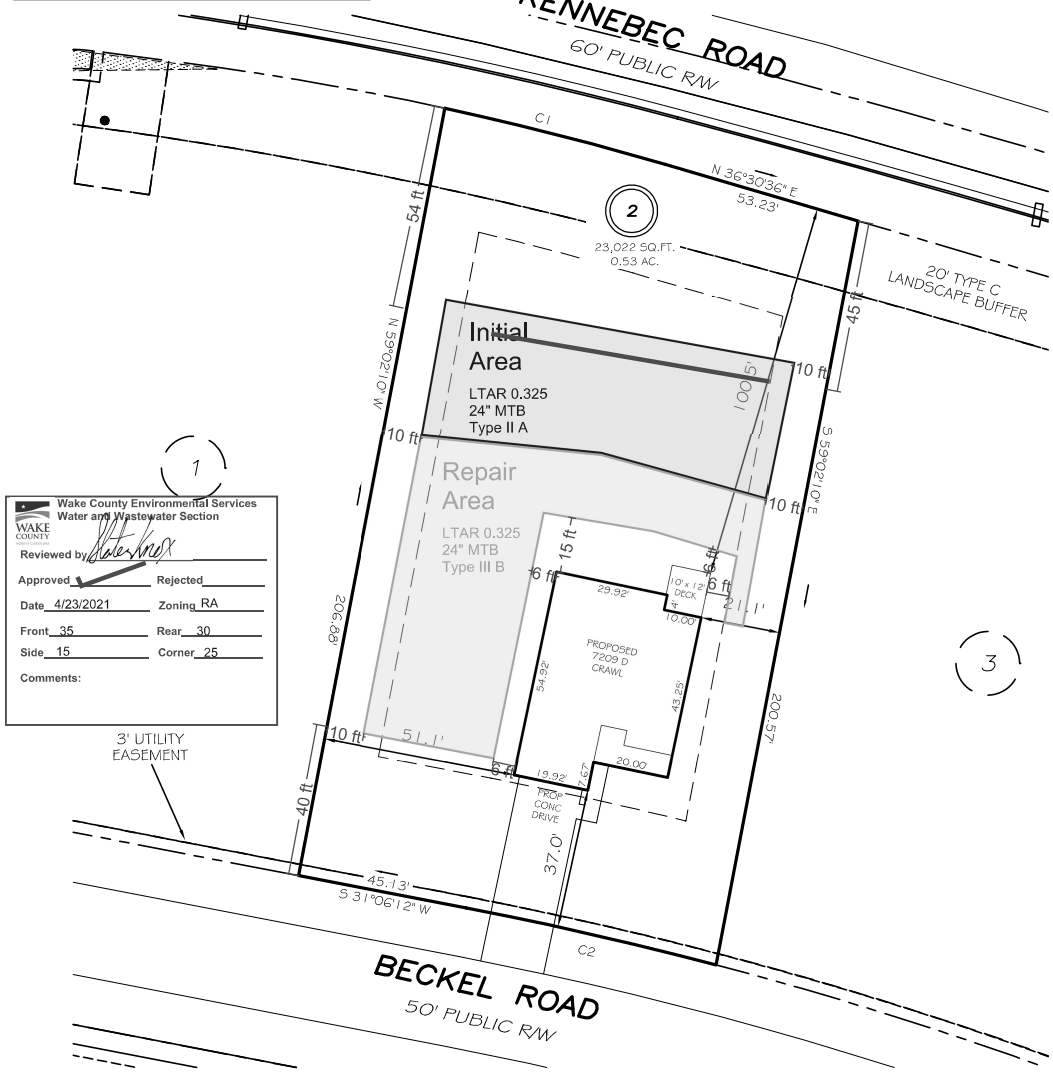
REVISED BY JOHN KASE 10-14-2022
FIELD VISIT 10-13-2022 DUE TO DIFFICULTIES
MEETING SETBACKS TO PROPERTY LINE.

I, MICHAEL P. GRIFFIN , certify that under my direction and supervision this map was drawn from an actual field survey, that the error of closure of the survey as calculated by coordinates is 1: 10,000+ ; that the area shown hereon was calculated by coordinates.

Witness my hand and seal this day of MONTH 2021.

WAKE CO. REGISTRY
BM 2019 PGS 1970-1972

WRP-057469-2021
CA PART A



IMPERVIOUS AREAS

HOUSE	1999 SQ. FT.
DRIVE & WALKS	697 SQ. FT.
PATIO	0 SQ. FT.
TOTAL	2696 SQ. FT.
ALLOWED	5000 SQ. FT.

SETBACKS

FRONT	35'
REAR	30'
SIDE	15'
CORNER SIDE	25'

C1 R=850.20' L=60.14' S34°29'00"W 60.13'
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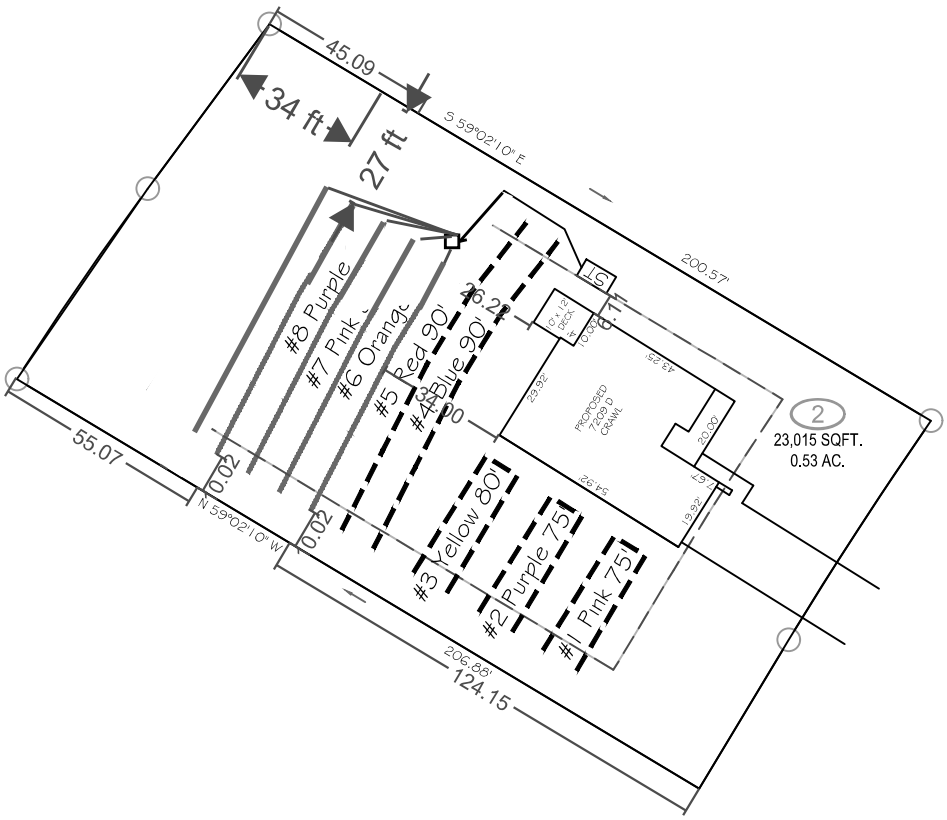
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R/W	RIGHT OF WAY	CO	CLEAN OUT
N/F	NOW OR FORMERLY	FH	FIRE HYDRANT
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GRIFFIN LAND SURVEYING, INC.
P. O. BOX 148
FUQUAY-VARINA, NC 27526
(919) - 567 - 1963

DRAWN BY NMF | DATE 4/12/21
CHECKED BY MPG | SCALE 1" = 40'

PLOT PLAN
FOR
EASTWOOD HOMES
KENNEBEC MEADOWS
LOT 2
4324 BECKEL ROAD
NORTH CAROLINA
WAKE COUNTY TOWN OF FUQUAY-VARINA

WRP-057469-2021
CA PART B



REVISED 10-14-2022
JOHN KASE

System: ——
Repair: ——

*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 above.
*No cutting within septic area.

GRAPHIC SCALE
1" = 50'
50 0 50 100

System: Gravity to D-Box
Lines: 6-9, (372')
Accepted Status System
0.325 Soil LTAR

Repair: Pressure Manifold
Lines: 1-5, (410')
Accepted Status System
0.325 Soil LTAR

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 2 Kennebec Meadow Subdivision
Wake County, North Carolina

Job# :	1876
Drawn By :	AH
Date :	4/23/2021
Revision:	

TEL 919 856 7400
FAX 919 856 7407

Environmental Services

Water Quality Division
336 Fayetteville St. • P.O. Box 550 • Raleigh, NC 27602
www.wakegov.com/water/

Foundation Drain Request Form

Wastewater Permit: WRP-057469-2021 Building Permit: N/A

Parcel PIN: 0687135257

Project (Site) Address: 4324 Beckel Rd

PLEASE CIRCLE:

Foundation Drain? YES **NO** PARTIAL (demonstrate below)

If PARTIAL FOUNDATION DRAIN is circled, please demonstrate w**here the foundations drain will be located** on the diagram below, (add decks, patios, etc. as needed)

Applicant Signature: Shanna G Williams Date: 5-13-21

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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:** Laura Allen **DATE:** 05/13/2021

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: 0.325
EXISTING SYSTEM UTILIZED:
PRETREATMENT STRENGTH REQUIRED:
EASEMENT FOR WW SYSTEM ASSOCIATED WITH PARCEL:

MAXIMUM TRENCH DEPTH: 24 INCHES
PUMP REQUIRED: No

SPECIFIC SYSTEM REQUIREMENTS: -System designed for a 4 bedroom home, having 480 gals per day.
-Future Repair is a III B type system. With a Max Trench depth of 24" and a 0.325 LTAR.
-Site serviced by a community well.
-No cutting, grading, alterations, or utilities in septic area.
-Maintain all required setbacks.

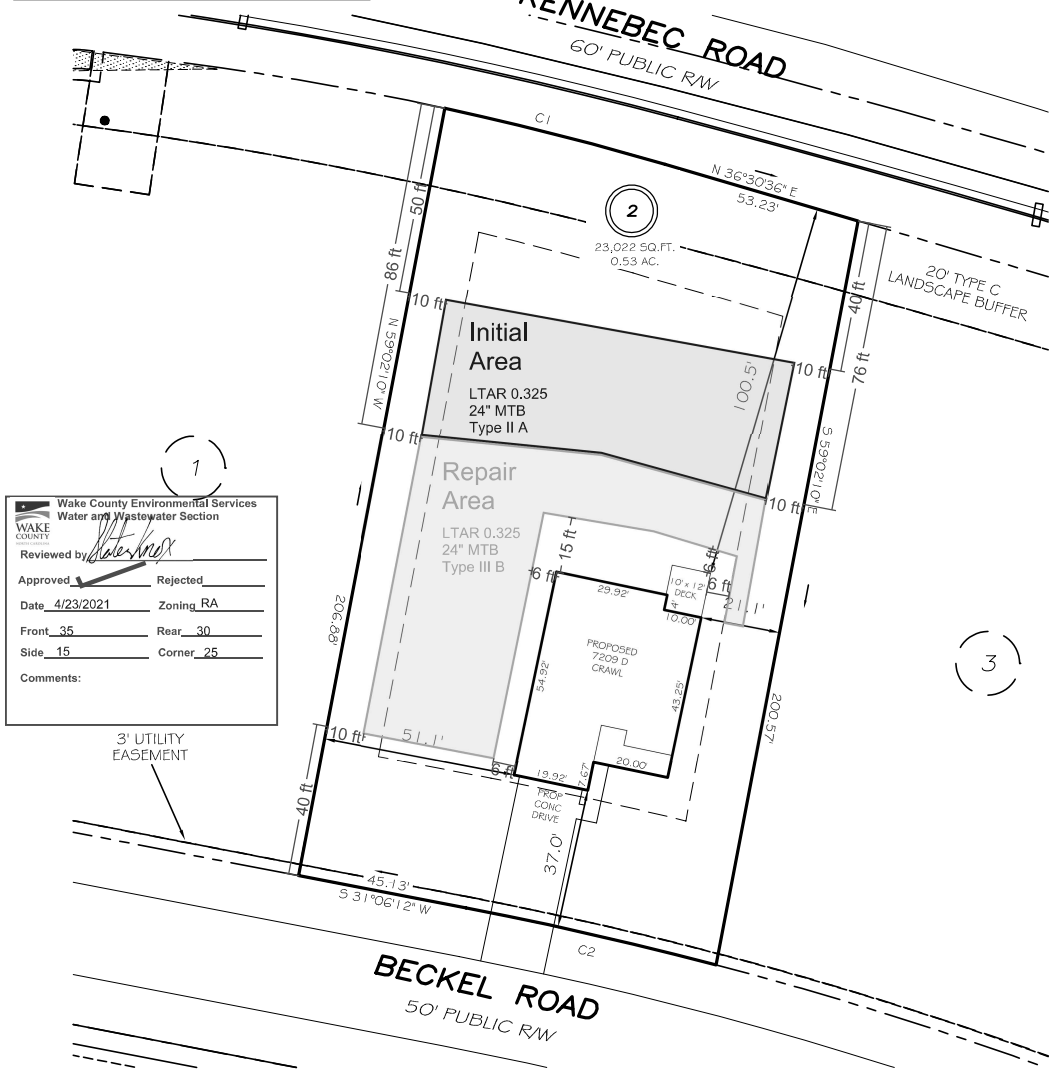
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WAKE CO. REGISTRY
BM 2019 PGS 1970-1972

WRP-057469-2021
IP SITE PLAN



Wake County Environmental Services
Water and Wastewater Section

Reviewed by _____

Approved ✓ Rejected _____

Date 4/23/2021 Zoning RA

Front 35 Rear 30

Side 15 Corner 25

Comments:

IMPERVIOUS AREAS

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PLOT PLAN
FOR

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LOT 2
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WAKE COUNTY TOWN OF FUQUAY-VARINA

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