

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-072243-2021 **APPLICATION DATE:** 12/13/2021 **BLDG. PERMIT#:** RBPR-088002-2022

PIN: 1606238412

RECORDED: Yes

TOWNSHIP: 15 - Panther Branch

JURISDICTION: Wake County

ZONING: R-30

APPLICANT: True Homes LLC
Megan Parmiter
2649 Brekonridge Centre 2649 Brekonridge Centre Dr. DR

BUSINESS PHONE:
HOME PHONE:
MOBILE PHONE: (704) 929-8460

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

EXISTING USE: 0019 Subdivision Improvement Permitting

SITE ADDRESS: 7744 CALCUTTA DR

SUBDIVISION: HUFFINGTON

LOT: 21

ACRES: 0.55

DIRECTIONS: N/A

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: IQ4 - Infiltrator Quick 4 Standard **PRETREATMENT SYSTEM:**

SYSTEM TYPE INSTALLED: III G

OPERATION PERMIT: **STATUS:** Issued

ISSUED BY: Kristi Marks

ISSUED DATE: 01/25/2023

SEPTIC TANK: David Brantley & Sons - STB-323 - 1250 gallons **DATE OF MANUFACTURE:** 10/20/2022 **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: 8.08

GREASE TRAP ELEVATION:

DOSING PUMP TANK ELEVATION:

RECIRCULATION TANK ELEVATION:

DISTRIBUTION DEVICE ELEVATION: 9

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION
24	12	132	10.83
step down elevation			9.875
24	12	136	11.25
step down elevation			10.125
24	12	144	11.33

ACTUAL PRESSURE HEAD:

ACTUAL FLOW RATE:

ACTUAL DOSE VOLUME: 0

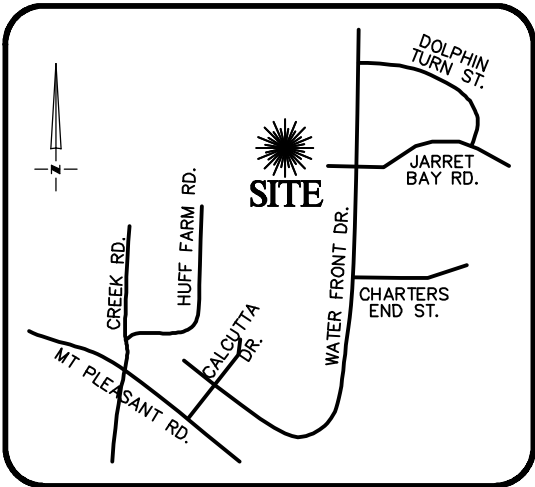
SPECIFIC OPERATION REQUIREMENTS:

4 bedroom, 480 gal/day
community well water source
watercore filter

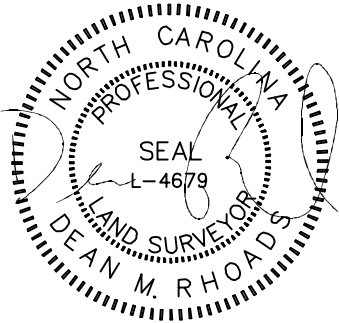
ISSUED BY:

Kristina Marks

DATE: 01/25/2023



VICINITY MAP
Not To Scale



IMPERVIOUS SURFACE AREA	
DESCRIPTION	AREA (S.F.)
LOT AREA TO B/C	26,541
HOUSE	1,855
DRIVE TO R/W @ 4"	432
DRIVE APRON @ 6"	249
PATIO	9
LEAD WALK	56
PUBLIC WALK	0
TOTAL PROPOSED	2,601
*TOTAL ALLOWED	5,500
*BM 2021, PG 1640	
SOD/SEEDING	
TYPE	S.F.
SOD	15,429
SEED & STRAW	3,641

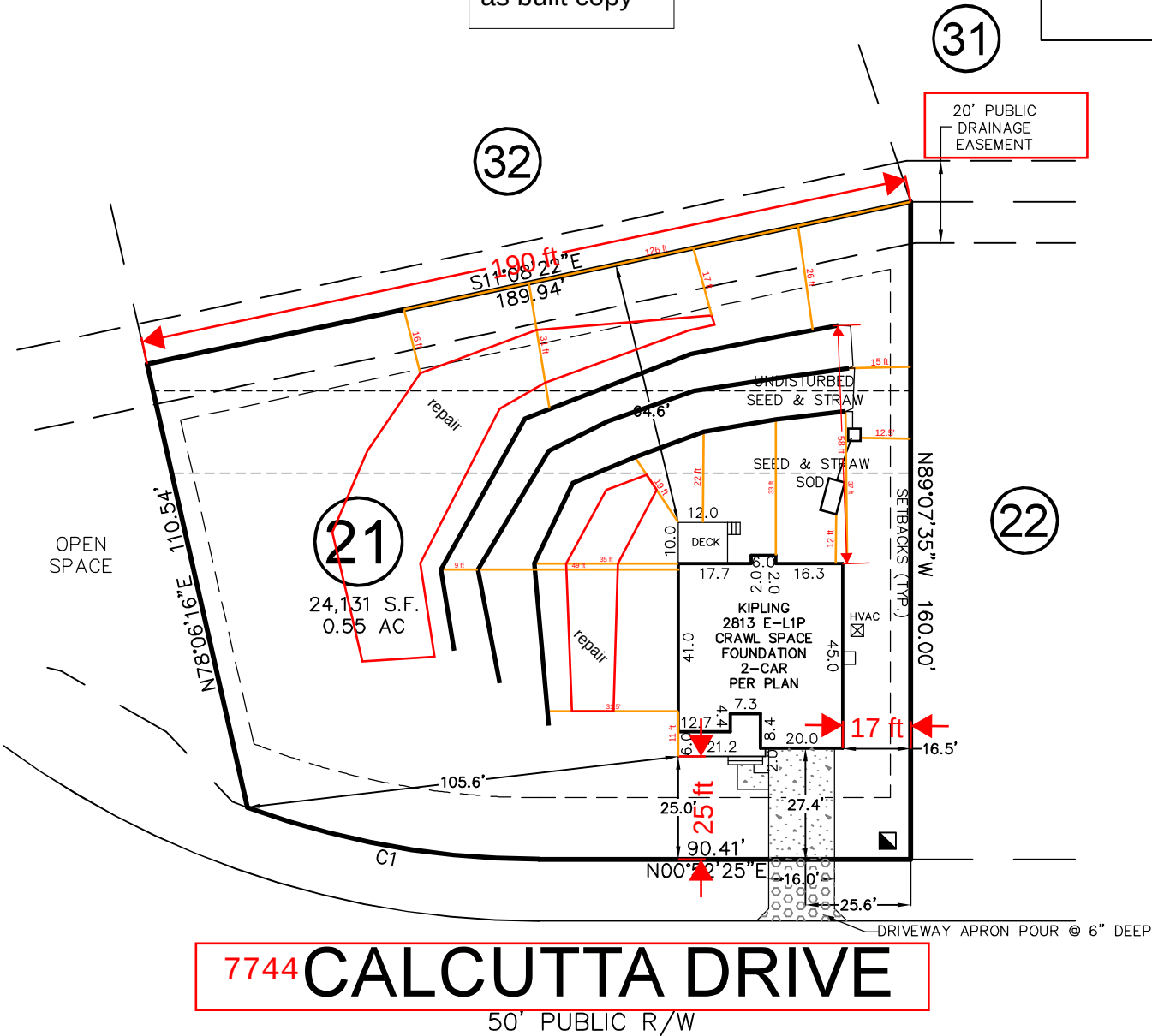
SETBACKS: (BM 2021, PG 1640)

FRONT - 15'
CORNER - 15'
SIDE - 5'
REAR - 15'

BM 2021 PG 1640

as built copy

WATER
METER

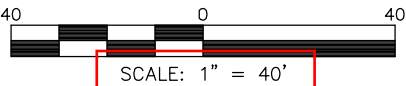


CURVE	RADIUS	ARC LENGTH	CH LENGTH	CH BEARING
C1	205.00'	72.44'	72.06'	S10°59'35"W

THIS PROPERTY MAY BE SUBJECT TO ANY AND ALL APPLICABLE DEED RESTRICTIONS, EASEMENTS, RIGHT-OF-WAY, UTILITIES AND RESTRICTIVE COVENANTS WHICH MAY BE OF RECORD OR IMPLIED

THIS DRAWING DOES NOT
REFLECT AS-BUILT INFORMATION

PRELIMINARY PLAT
NOT FOR RECORDATION, CONVEYANCES, OR SALES.



**RESIDENTIAL
LAND SERVICES, PLLC.**

1917 Evans Road
Cory, North Carolina 27513
Phone (919) 378-9316
Firm License # P-0873

HOUSE LOCATION PLOT PLAN

FOR

#7744 CALCUTTA DRIVE

LOT 21, HUFFINGTON SUBDIVISION

Panther Branch Township, Wake County, North Carolina

PROPERTY OF: TRUE HOMES

MAP BOOK 2021 PAGE 1640-1641 DEED REFERENCE

DRAWN BY: JLA

DATE: AUGUST 22, 2022

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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-072243-2021****APPLICATION DATE:** 12/13/2021**BLDG. PERMIT#:** RBPR-088002-2022**PIN:** 1606238412**RECORDED:** Yes**TOWNSHIP:** 15 - Panther Branch**JURISDICTION:** Wake County**ZONING:** R-30**APPLICANT:** True Homes LLC2649 Brekonridge Centre 2649 Brekonridge Centre Dr. DR
Monroe, NC 28110**BUSINESS PHONE:****HOME PHONE:****MOBILE PHONE:** (704) 929-8460**HD USE:** 0019 Subdivision Improvement Permitting**EXISTING USE:** 0019 Subdivision Improvement Permitting**SITE ADDRESS:** 7744 CALCUTTA DR**SUBDIVISION:** HUFFINGTON**LOT:** 21**ACRES:** 0.55**DIRECTIONS:** N/A

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:** Bobby Weaver**DATE:** 10/17/2022**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:****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**TRENCH WIDTH:** 36 INCHES**TOTAL TRENCH LENGTH:** 405 FEET

FEET

CENTER SPACING: 9 FEET**MINIMUM SOIL COVER:** 6 INCHES

PRETREATMENT:

SUBFIELDS #:

PUMP TDH:

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

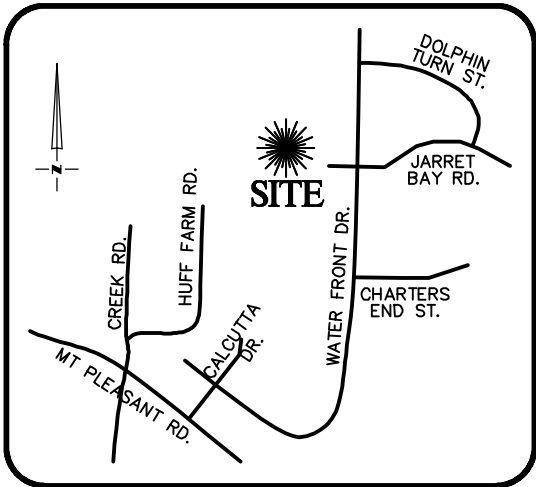
SPECIFIC CONSTRUCTION AUTHORIZATION REQUIREMENTS:

- System designed for a 4 bedroom home, with 480 gals per day.
- Future repair is a IIIB type system, with a 24" trench depth, and a .3 LTAR.
- Repair is a 50% reduction Horizontal Panel Block system.
- Site serviced by a community well.
- Any deviation from accepted design must be approved by Bobby Weaver prior to system installation.
- Design has been flagged. Do not remove flags.
- Consultant must re-flag prior to installation if flags are removed.
- Maintain all setbacks.
- Please contact Bobby Weaver at 919-594-3069 with any questions prior to installation.

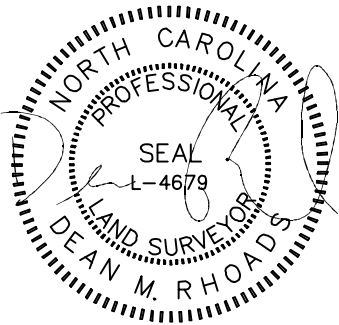
Issued By:

A handwritten signature in black ink that reads "Robert Weaver". The signature is written in a cursive, flowing style.

Date: 10/17/2022



VICINITY MAP
Not To Scale

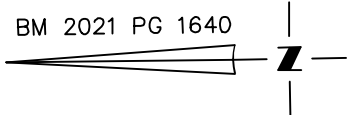


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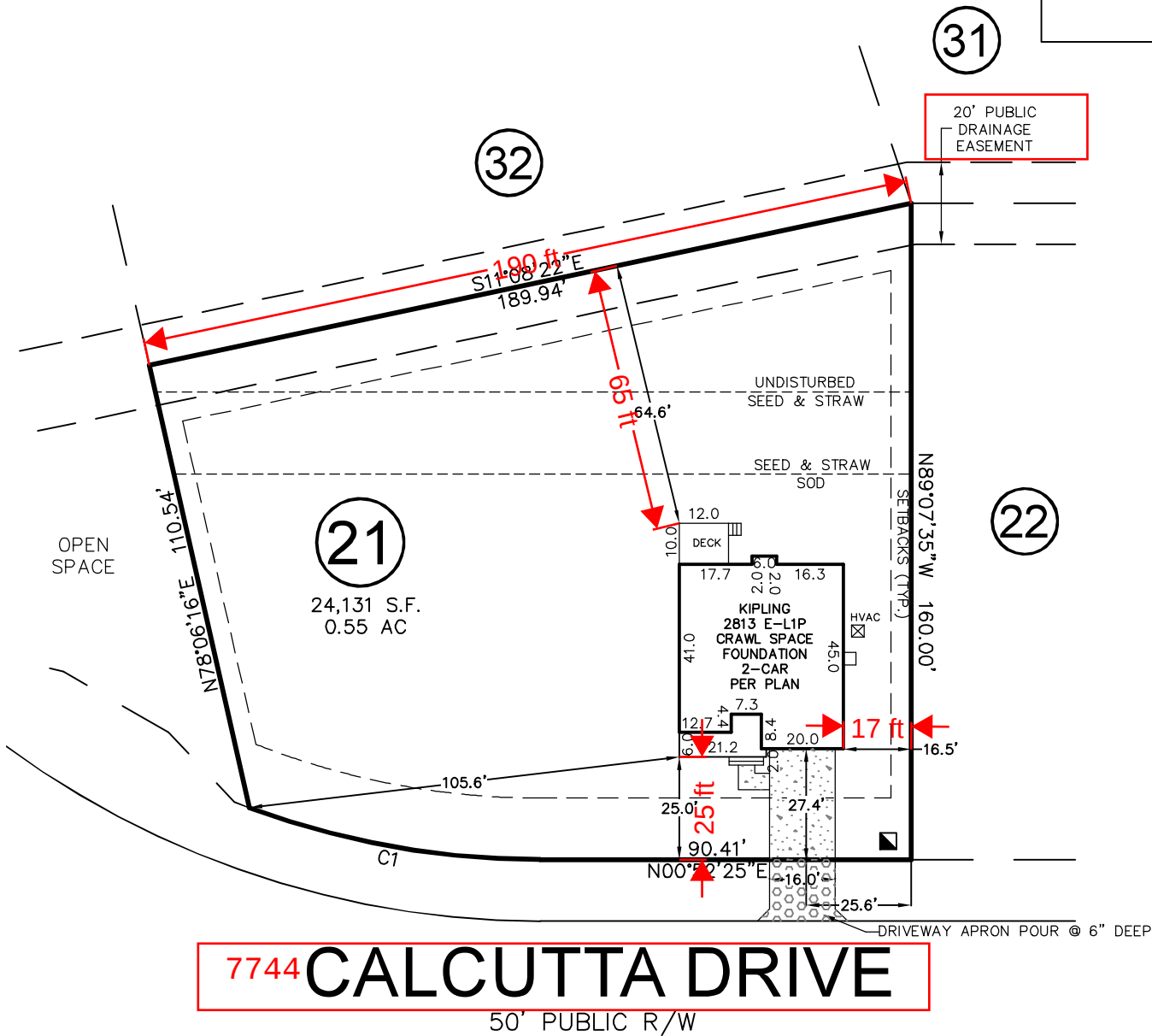
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BM 2021 PG 1640



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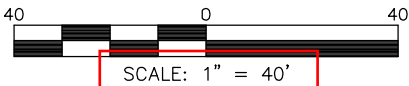


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HOUSE LOCATION PLOT PLAN

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LOT 21, HUFFINGTON SUBDIVISION

Panther Branch Township, Wake County, North Carolina

PROPERTY OF: TRUE HOMES

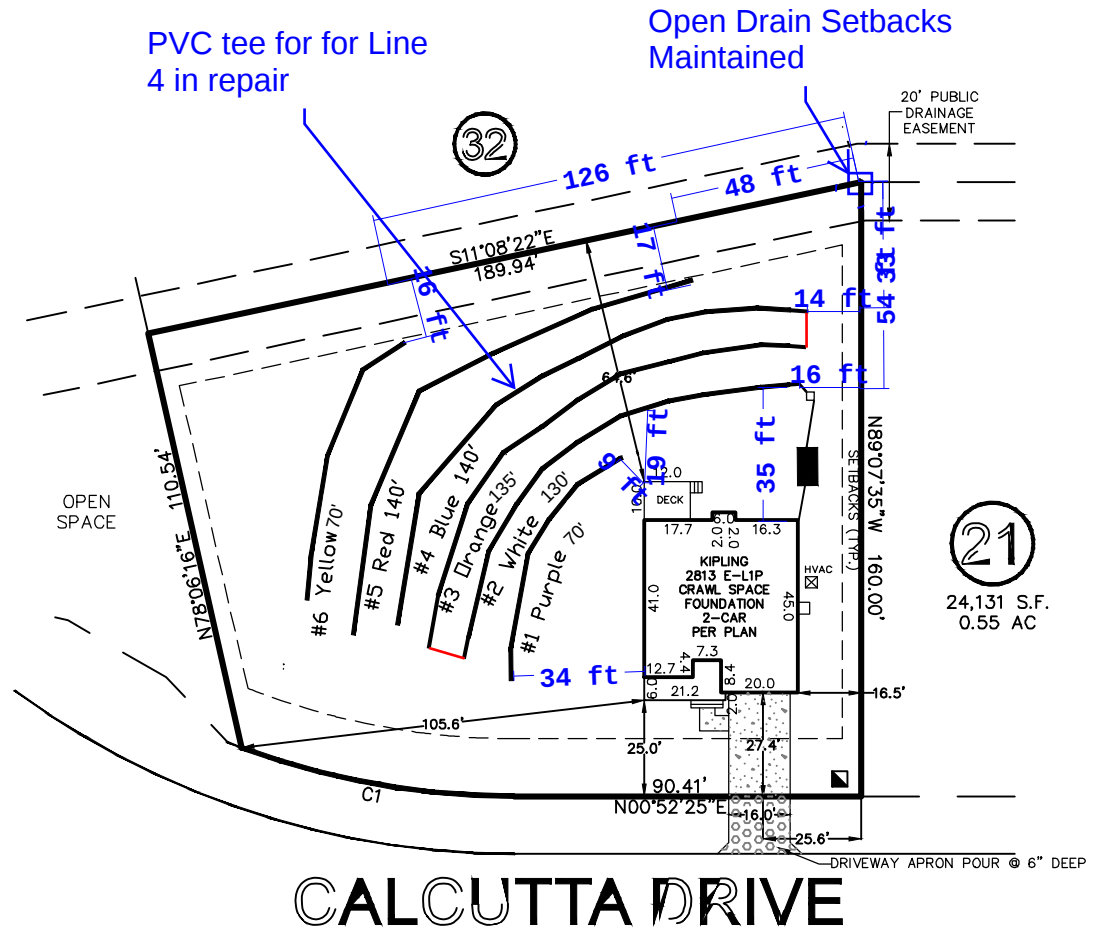
MAP BOOK 2021 PAGE 1640-1641 DEED REFERENCE

DRAWN BY: JLA

DATE: AUGUST 22, 2022

Huffington
4-Bedroom Septic Proposal
Lot #21
7744 Calcutta Drive

0.55 ACS.



System: Gravity to D-Box
Lines: 2-4 (405")
 .3 LTAR
 24" Trench Bottom
Accepted Status System
Repair: Gravity to serial dist.
Lines: 1,5-6 (280")
 .3 LTAR
 24" Trench Bottom
PPBPS

GRAPHIC SCALE
1" = 50'



Adams
Soil Consulting
919-414-6761
Job #1021

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IMPROVEMENT PERMIT

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APPLICANT: True Homes LLC

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HD USE: 0019 Subdivision Improvement Permitting

EXISTING USE: 0019 Subdivision Improvement Permitting

SITE ADDRESS: 7744 CALCUTTA DR

SUBDIVISION: HUFFINGTON

LOT: 21

ACRES: 0.55

DIRECTIONS: N/A

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: Alex Adams

SYSTEM LAYOUT: Private Sector

SITE CLASSIFICATION: Provisionally Suitable

IP STATUS: Issued

BY: Bobby Weaver

DATE: 10/17/2022

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: III G

LTAR: 0.300

EXISTING SYSTEM UTILIZED:

PRETREATMENT STRENGTH REQUIRED:

EASEMENT FOR WW SYSTEM ASSOCIATED WITH PARCEL: No

MAXIMUM TRENCH DEPTH: 24 INCHES

PUMP REQUIRED: No

- SPECIFIC SYSTEM REQUIREMENTS:**
- System Designed for a 4 bedroom home, with 480 gals per day.
 - Future Repair is a type IIIB System with a trench depth of 24" and a .3 LTAR.
 - Repair is a 50% reduction Horizontal Panel Block system.
 - Site serviced by a community well.
 - No cutting, grading, alterations, or utilities in septic area.
 - Maintain all setbacks

ISSUED BY:

A handwritten signature in black ink, appearing to read "Robert Weaver", is written over a light gray rectangular background.

DATE: 10/17/2022

21

32

21

