

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-053950-2021 **APPLICATION DATE:** 02/17/2021 **BLDG. PERMIT#:** RBPR-053709-2021
PIN: 1606512623 **RECORDED:** Yes
TOWNSHIP: 15 - Panther Branch **JURISDICTION:** Wake County **ZONING:** R-30
APPLICANT: JSJ Builders Inc
Jason Johnson
1135 Robeson Street **BUSINESS PHONE:** (910) 438-0796
HOME PHONE:
MOBILE PHONE:
HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE **EXISTING USE:**
SITE ADDRESS: 242 STEEP ROCK DR
SUBDIVISION: Panther Creek **LOT:** SML PT 15 **ACRES:** 0.20
DIRECTIONS: Off Mt. Pleasant Road in Willow Springs

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: AVILA, TOMAS - 1917 - II

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

SYSTEM TYPE INSTALLED: II C

OPERATION PERMIT: **STATUS:** Issued

ISSUED BY: John Kase

ISSUED DATE: 01/05/2022

SEPTIC TANK: Mitchell Concrete - STB-381 -
1250 gallons

DATE OF MANUFACTURE: 11/09/2021 **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: 3.00

GREASE TRAP ELEVATION:

DOSING PUMP TANK ELEVATION:

RECIRCULATION TANK ELEVATION:

DISTRIBUTION DEVICE ELEVATION:

INSTALLED TRENCH DEPTH	INSTALLED AGGREGATE DEPTH	INSTALLED TRENCH LENGTH	INSTALLED TRENCH BOTTOM ELEVATION
5.42	12	75	17
5.5	12	75	17
5.58	12	75	17
5.83	12	75	17

ACTUAL PRESSURE HEAD:

ACTUAL FLOW RATE:

ACTUAL DOSE VOLUME: 0

SPECIFIC OPERATION REQUIREMENTS:

- System is designed for a 4 bedroom SFD, using 480 gallons per day.
- Repair is a type IIA system, with a maximum trench depth of 20" and a 0.4 LTAR.
- Site serviced by public water.

ISSUED BY:



DATE: 01/05/2022

242 STEEP ROCK DRIVE

REF: B.M. 2020, PAGE 858-861

PANTHER BRANCH PLEASANT GROVE TOWNSHIP

WAKE/JOHNSTON COUNTY, NORTH CAROLINA

FEBRUARY 5, 2021

ZONED R-30

50 25 0 50 100

SCALE 1"=50'



16

swale to divert
surface water

31,011 sq.ft
0.712 AC.

N/A

JAMES KEITH SMITH
DEED BOOK 2020, PAGE 607
VOLUNTARY AGRICULTURE DISTRICT

THIS SURVEYOR DOES NOT
WARRANTY THE ACCURACY
OF ARCHITECTURAL DIMENSIONS.
THEY ARE TO BE VERIFIED BY
THE CONTRACTOR.

Required Selbacks	
Front	30
Side	10
Rear	30
Corner	30

IMPERVIOUS SURFACE TABLE	
HOUSE	2,384 S.F.
COVERED PORCH	191 S.F.
DRIVEWAY	620 S.F.
SIDEWALKS	78 S.F.
MISC/UTILITIES	9 S.F.
TOTAL IMPERVIOUS AREA	3,282 S.F.
MAX IMPERVIOUS	5,000 S.F.

CAWTHORNE, MOSS
& DANCIFERA P C

NOTES:

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INTENDED USE CHANGED***

CONSTRUCTION AUTHORIZATION PERMIT**PERMIT # WRP-053950-2021****APPLICATION DATE:** 02/17/2021**BLDG. PERMIT#:** RBPR-053709-2021**PIN:** 1606512623**RECORDED:** Yes**TOWNSHIP:** 15 - Panther Branch**JURISDICTION:** Wake County**ZONING:** R-30**APPLICANT:** JSJ Builders Inc1135 Robeson Street
Fayetteville, NC 28305**BUSINESS PHONE:** (910) 438-0796**HOME PHONE:****MOBILE PHONE:****HD USE:** 101A CONVENTIONAL ONE-FAMILY HOUSE**EXISTING USE:****SITE ADDRESS:** 242 STEEP ROCK DR**SUBDIVISION:** Panther Creek**LOT:** SML PT 15**ACRES:** 0.20**DIRECTIONS:** Off Mt. Pleasant Road in Willow Springs

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:** Adrienne Holloway**DATE:** 03/16/2021**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:** 900**AGGREGATE DEPTH:** 12**MAX. TRENCH DEPTH:** 17 inches**DISTRIBUTION DEVICE:** GP - Gravity Parallel**TRENCH #:** 4**TRENCH LENGTH:** 75 FEET**TRENCH WIDTH:** 36 INCHES**TOTAL TRENCH LENGTH:** 300 FEET**CENTER SPACING:** 9 FEET**MINIMUM SOIL COVER:** 6 INCHES**PRETREATMENT:****APPROVAL #:**

SUBFIELDS #:

PUMP TDH:

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 is designed for a 4 bedroom SFD, using 480 gallons per day.
- Repair is a type IIA system, with a maximum trench depth of 20" and a 0.4 LTAR.
- Site serviced by public water.
- No cutting, grading, alterations, or utilities in septic area.
- Maintain all required setbacks.
- Any deviation from accepted design must be approved by WCES prior to system installation.
- All property lines must be fully marked at time of installation or reinspection will be required.
- Please contact Adrienne Holloway at 919-422-3751 or Adrienne.Holloway@wakegov.com with any questions prior to or during installation

Issued By:

Handwritten signature of Adrienne Holloway in black ink, followed by the text "REHS" in a bold, sans-serif font.

Date: 03/16/2021

RBPR-053709-2021

PRELIMINARY PLOT PLAN FOR

JSJ BUILDERS

LOT 15, PANTHER CREEK SUBDIVISION

242 STEEP ROCK DRIVE

REF: B.M. 2020, PAGE 858-861

PANTHER BRANCH PLEASANT GROVE TOWNSHIP

WAKE/JOHNSTON COUNTY, NORTH CAROLINA

FEBRUARY 5, 2021

ZONED R-30



SCALE 1"=50'



WRP-053950-2021 CA Site Plan

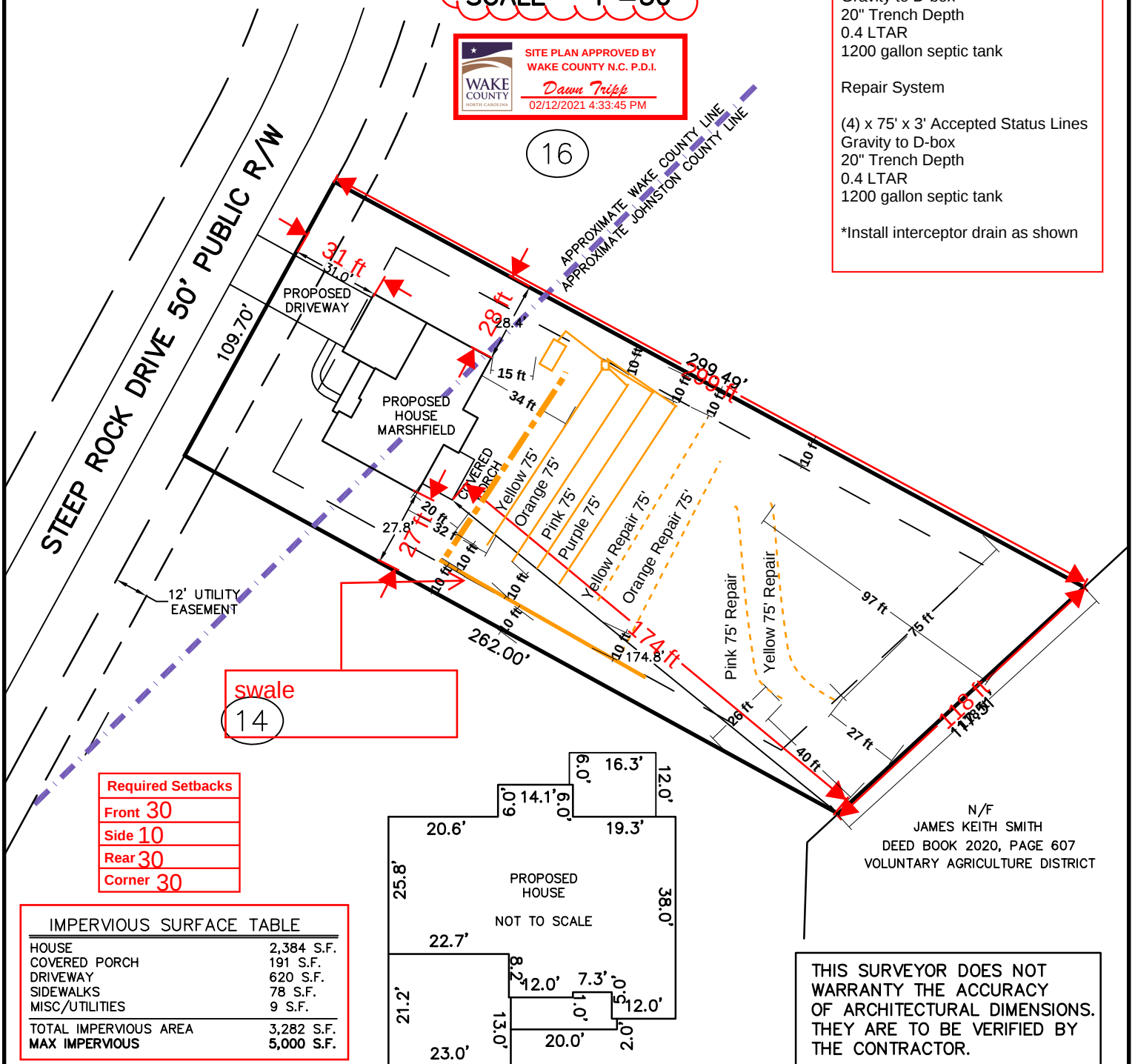
Initial System

(4) x 75' x 3' Accepted Status lines
Gravity to D-box
20" Trench Depth
0.4 LTAR
1200 gallon septic tank

Repair System

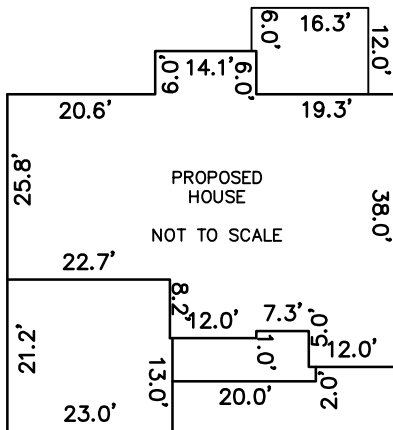
(4) x 75' x 3' Accepted Status Lines
Gravity to D-box
20" Trench Depth
0.4 LTAR
1200 gallon septic tank

*Install interceptor drain as shown



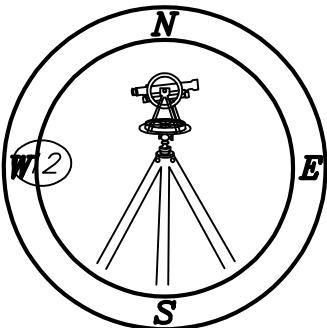
Required Setbacks	
Front	30
Side	10
Rear	30
Corner	30

IMPERVIOUS SURFACE TABLE	
HOUSE	2,384 S.F.
COVERED PORCH	191 S.F.
DRIVEWAY	620 S.F.
SIDEWALKS	78 S.F.
MISC/UTILITIES	9 S.F.
TOTAL IMPERVIOUS AREA	3,282 S.F.
MAX IMPERVIOUS	5,000 S.F.



N/F
JAMES KEITH SMITH
DEED BOOK 2020, PAGE 607
VOLUNTARY AGRICULTURE DISTRICT

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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

NOTES:

—THIS PLAN DOES NOT REFLECT AN
ACTUAL SURVEY. IT IS A PRELIMINARY
PLAN AND SHOULD BE USED FOR ITS
INTENDED PURPOSE ONLY.
—NOT FOR RECORDATION, CONVEYANCES,
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IMPROVEMENT PERMIT

PERMIT #: WRP-053950-2021

APPLICATION DATE: 02/17/2021

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PIN: 1606512623

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HOME PHONE:

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HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

EXISTING USE:

SITE ADDRESS: 242 STEEP ROCK DR

SUBDIVISION: Panther Creek

LOT: SML PT 15

ACRES: 0.20

DIRECTIONS: Off Mt. Pleasant Road in Willow Springs

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:

SYSTEM LAYOUT: Staff

SITE CLASSIFICATION: Provisionally Suitable

IP STATUS: Issued

BY: Adrienne Holloway

DATE: 03/16/2021

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: 0.400

EXISTING SYSTEM UTILIZED:

PRETREATMENT STRENGTH REQUIRED: None

EASEMENT FOR WW SYSTEM ASSOCIATED WITH PARCEL: No

MAXIMUM TRENCH DEPTH: 17 inches

PUMP REQUIRED: No

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-Site serviced by public water.

-No cutting, grading, alterations, or utilities in septic area.

-Maintain all required setbacks.

ISSUED BY:

Abdulla REHS

DATE: 03/16/2021

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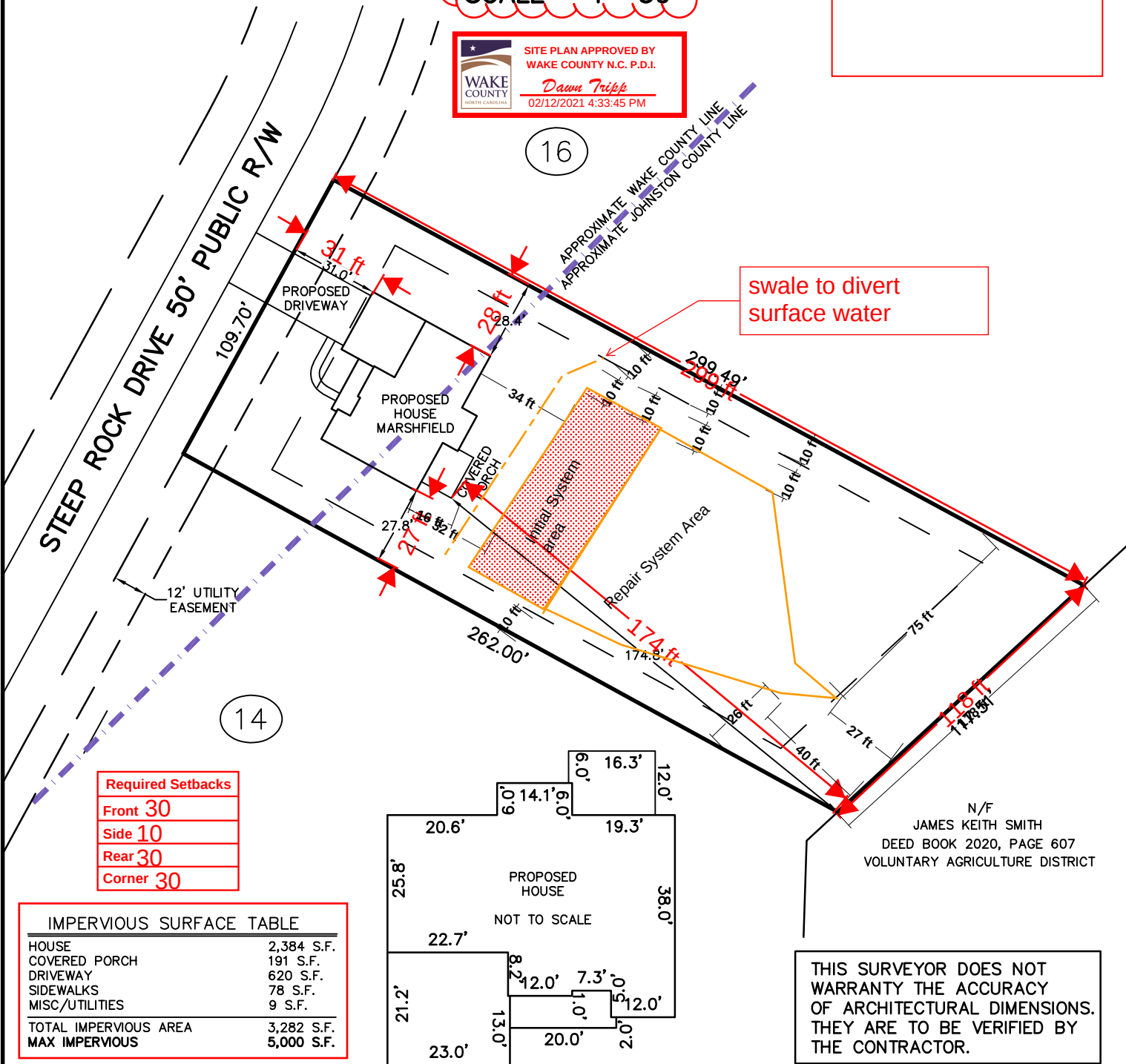
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WRP-053950-2021 CA Site Plan

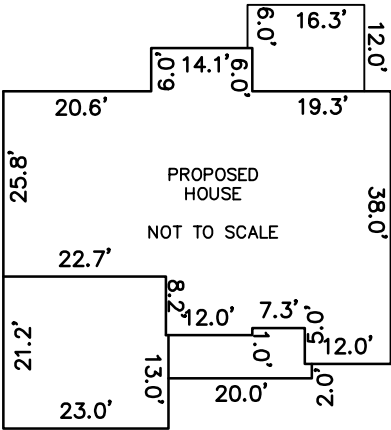
Initial System - Type IIA

Repair System - Type IIA



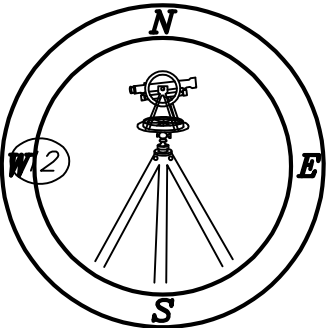
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