

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-094412-2022****APPLICATION DATE:** 12/26/2022**BLDG. PERMIT#:** RBPR-094427-2022**PIN:** 0687912345**RECORDED:** Yes**TOWNSHIP:** 12 - Middle Creek**JURISDICTION:** Wake County**ZONING:** R-30**APPLICANT:** Shields McKeown

2450 North Church Street 2450 North Church Street ST N

BUSINESS PHONE: (336) 226-9066**HOME PHONE:****MOBILE PHONE:****HD USE:** 101A CONVENTIONAL ONE-FAMILY HOUSE**EXISTING USE:****SITE ADDRESS:** 2795 JOHNNY BAKER RD**SUBDIVISION:** TR-3 PROP WILLIAM W PEARCE**LOT:****ACRES:** 0.74**DIRECTIONS:**

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:** THOMPSON, ERNEST WAYNE - 4506 - II**PROPRIETARY SYSTEM:** EZ1203HG - EZFlow EZ 1203H Geo **PRETREATMENT SYSTEM:****SYSTEM TYPE INSTALLED:** III G**OPERATION PERMIT:** **STATUS:** Issued**ISSUED BY:** John Bowers**ISSUED DATE:** 08/24/2023**SEPTIC TANK:** David Brantley & Sons - STB-646 - 1000 gallons**DATE OF MANUFACTURE:** 05/09/2023**FILTER:** GAG SIM/TECH - STF-110**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:** 3.58**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
18	12	85	6.9167
18	12	65	7.583

ACTUAL PRESSURE HEAD:

ACTUAL FLOW RATE:

ACTUAL DOSE VOLUME: 0

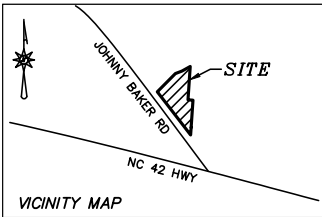
SPECIFIC OPERATION REQUIREMENTS:

- System designed for 3 BR SFD, having 360 gals/day
- Site serviced by existing onsite private well
- Future repair is type III G., accepted, 25% reduction system with a max trench depth of 18" and a 0.6 LTAR.
- Existing ST pumped and properly abandoned on 8/23/2023.

ISSUED BY:



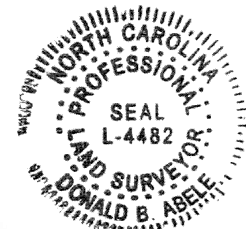
DATE: 08/24/2023



<u>Impervious surfaces:</u>		
Proposed House	1826	SF
Proposed Porches	380	SF
Proposed Driveway	408	SF
Concrete Pad	353	SF
Sheds	415	SF
Foundation	31	SF
Gravel Driveway	192	SF
Total	3,605	SF

ZONING	
R30	— RESIDENTIAL
WAKE COUNTY	

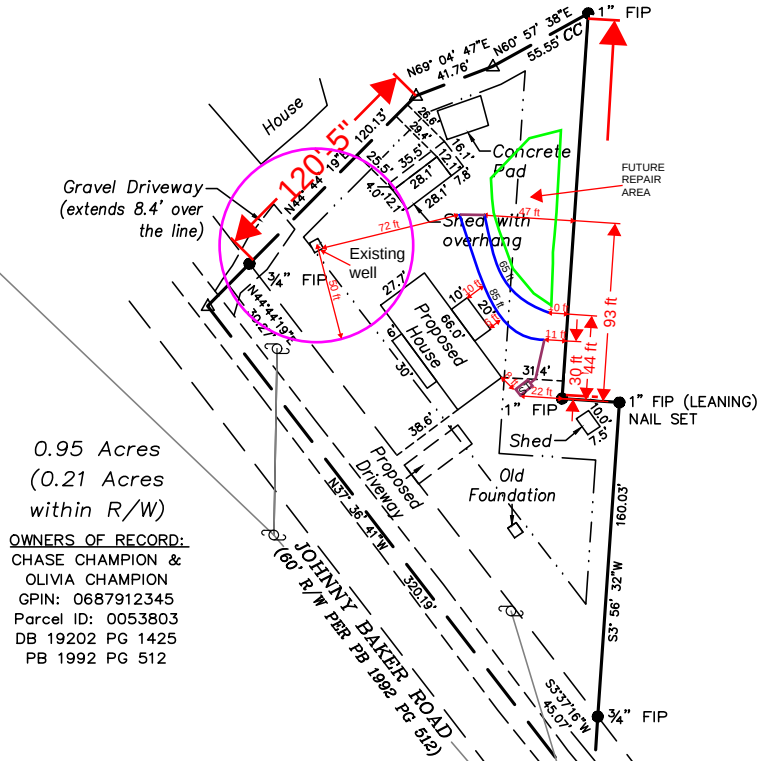
SETBACKS	
FRONT	= 30'
SIDE	= 10'
REAR	= 30'



SITE PLAN

RBPR-094427-2023

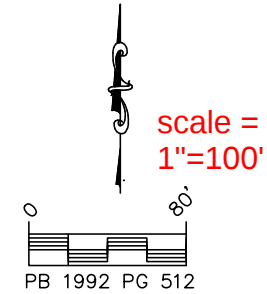
WAKE COUNTY N.C. P.O.I.
REVISED SITE PLAN



0.95 Acres
(0.21 Acres
within R/W)

OWNERS OF RECORD:
CHASE CHAMPION &
OLIVIA CHAMPION
GPIN: 0687912345
Parcel ID: 0053803
DB 19202 PG 1425
PB 1992 PG 512

LEGEND	
●	FIP—FOUND IRON PIN/PIPE
△	CALCULATED POINT
○	POWER POLE
CC	CONTROL CORNER
GPIN	GRID PARCEL ID NUMBER
EOG	EDGE OF GRAVEL
R/W	RIGHT OF WAY



NOTES:
1) DASHED PROPERTY LINES NOT
MEASURED THIS SURVEY.
DATA FROM PB 1992 PG 512.

Required Setbacks	
Front	30
Side	10
Rear	30
Corner	

RELIANT
LAND SURVEY
P.L.L.C. P-1735

PROJECT NAME:	
CHAMPION SITE PLAN	
RLS PROJECT No. 4500	
SITE PLAN of the PROPERTY of CHASE & OLIVIA CHAMPION at 2795 JOHNNY BAKER ROAD WILLOW SPRING, NC 27592 MIDDLE CREEK TOWNSHIP, WAKE COUNTY	
DRAWN FOR: CHAMPION 336-226-9066	
SURVEYED: 02-08-2023	DRAWN: 06-29-2023
DONALD B. ABELE LICENSED SURVEYOR 1320 HAWTHORNE LANE, BURLINGTON, NC 27215 336-447-8399	

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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-094412-2022****APPLICATION DATE:** 12/26/2022**BLDG. PERMIT#:** RBPR-094427-2022**PIN:** 0687912345**RECORDED:****TOWNSHIP:** 12 - Middle Creek**JURISDICTION:** Wake County**ZONING:** R-30**APPLICANT:** Shields McKeown2450 North Church Street 2450 North Church Street ST N
Burlington, NC 27217**BUSINESS PHONE:** (336) 226-9066**HOME PHONE:****MOBILE PHONE:****HD USE:** 101A CONVENTIONAL ONE-FAMILY HOUSE**EXISTING USE:****SITE ADDRESS:** 2795 JOHNNY BAKER RD**SUBDIVISION:** TR-3 PROP WILLIAM W PEARCE**LOT:****ACRES:** 0.74**DIRECTIONS:**

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:** John Bowers**DATE:** 02/09/2023**CA VALID FOR:** Five Years**DESIGN FLOW:** 360 GALLONS**BASEMENT:** No**BASEMENT FIXTURES:** No**SEPTIC TANK:** 1000 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:** 450**AGGREGATE DEPTH:** 12**MAX. TRENCH DEPTH:** 18 INCHES**DISTRIBUTION DEVICE:** GS - Gravity Serial**TRENCH #:** 2**TRENCH LENGTH:** 65, 85 FEET**TRENCH WIDTH:** 36 INCHES**TOTAL TRENCH LENGTH:** 150 FEET**CENTER SPACING:** 9 FEET**MINIMUM SOIL COVER:** 6 INCHES**PRETREATMENT:****APPROVAL #:**

SUBFIELDS #: 1

PUMP TDH:

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 3 BR SFD, having 360 gals/day
- Site serviced by existing onsite private well
- Future repair is type III G., accepted, 25% reduction system with a max trench depth of 18" and a 0.6 LTAR.
- Existing ST shall be pumped and properly abandoned.
- Any deviation from accepted design must be approved by Wake County ES prior to system installation.
- Property lines required to be clearly marked prior to digging.
- Maintain all required setbacks.
- Please contact WCES – Cole Bowers (919-623-2628) with any questions prior or during install.

Issued By:



Date: 02/09/2023

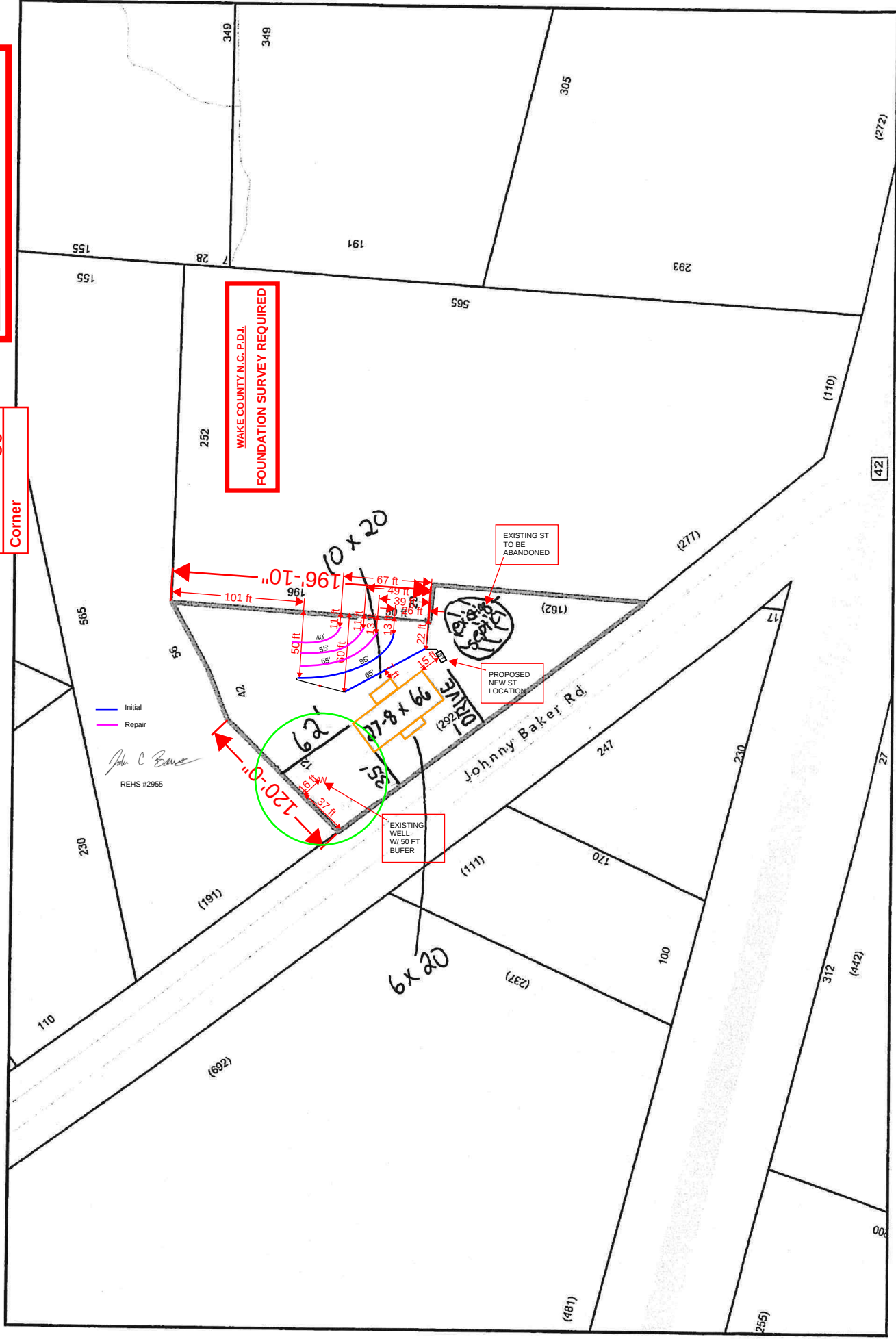
WAKE COUNTY N.C. P.D.I.
REVISED SITE PLAN

RBPR-094427-2022

Required Setbacks	
Front	30
Side	10
Rear	30
Corner	



SITE PLAN APPROVED BY
WAKE COUNTY N.C. P.D.I.
Torea Burton
02/08/2023 8:54:45 AM



Disclaimer
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IMPROVEMENT PERMIT

PERMIT #: WRP-094412-2022

APPLICATION DATE: 12/26/2022

BLDG. PERMIT #: RBPR-094427-2022

PIN: 0687912345

RECORDED:

TOWNSHIP: 12 - Middle Creek

JURISDICTION: Wake County

ZONING: R-30

APPLICANT: Shields McKeown

2450 North Church Street 2450 North Church Street ST N

BUSINESS PHONE: (336) 226-9066

HOME PHONE:

MOBILE PHONE:

HD USE: 101A CONVENTIONAL ONE-FAMILY HOUSE

EXISTING USE:

SITE ADDRESS: 2795 JOHNNY BAKER RD

SUBDIVISION: TR-3 PROP WILLIAM W PEARCE

LOT:

ACRES: 0.74

DIRECTIONS:

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: JCB

SYSTEM LAYOUT: Staff

SITE CLASSIFICATION: Provisionally Suitable

IP STATUS: Issued

BY: John Bowers

DATE: 02/09/2023

NUMBER OF BEDROOMS: 3

OR TOTAL NUMBER OF OCCUPANTS: 6

PERMITTED DESIGN FLOW: 360 GPD

BASEMENT: No

BASEMENT PLUMBING: No

WASTEWATER STRENGTH: Domestic

SYSTEM TYPE: III G

LTAR: 0.600

EXISTING SYSTEM UTILIZED: No

PRETREATMENT STRENGTH REQUIRED: None

EASEMENT FOR WW SYSTEM ASSOCIATED WITH PARCEL: No

MAXIMUM TRENCH DEPTH: 18 INCHES

PUMP REQUIRED: No

SPECIFIC SYSTEM REQUIREMENTS: - System designed for 3 BR SFD, having 360 gals/day

-Site serviced by existing onsite private well

-Future repair is type III G., accepted, 25% reduction system with a max trench depth of 18" and a 0.6 LTAR.

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

-Maintain all required setbacks.

ISSUED BY:

John C. Bano

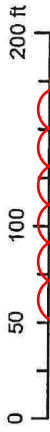
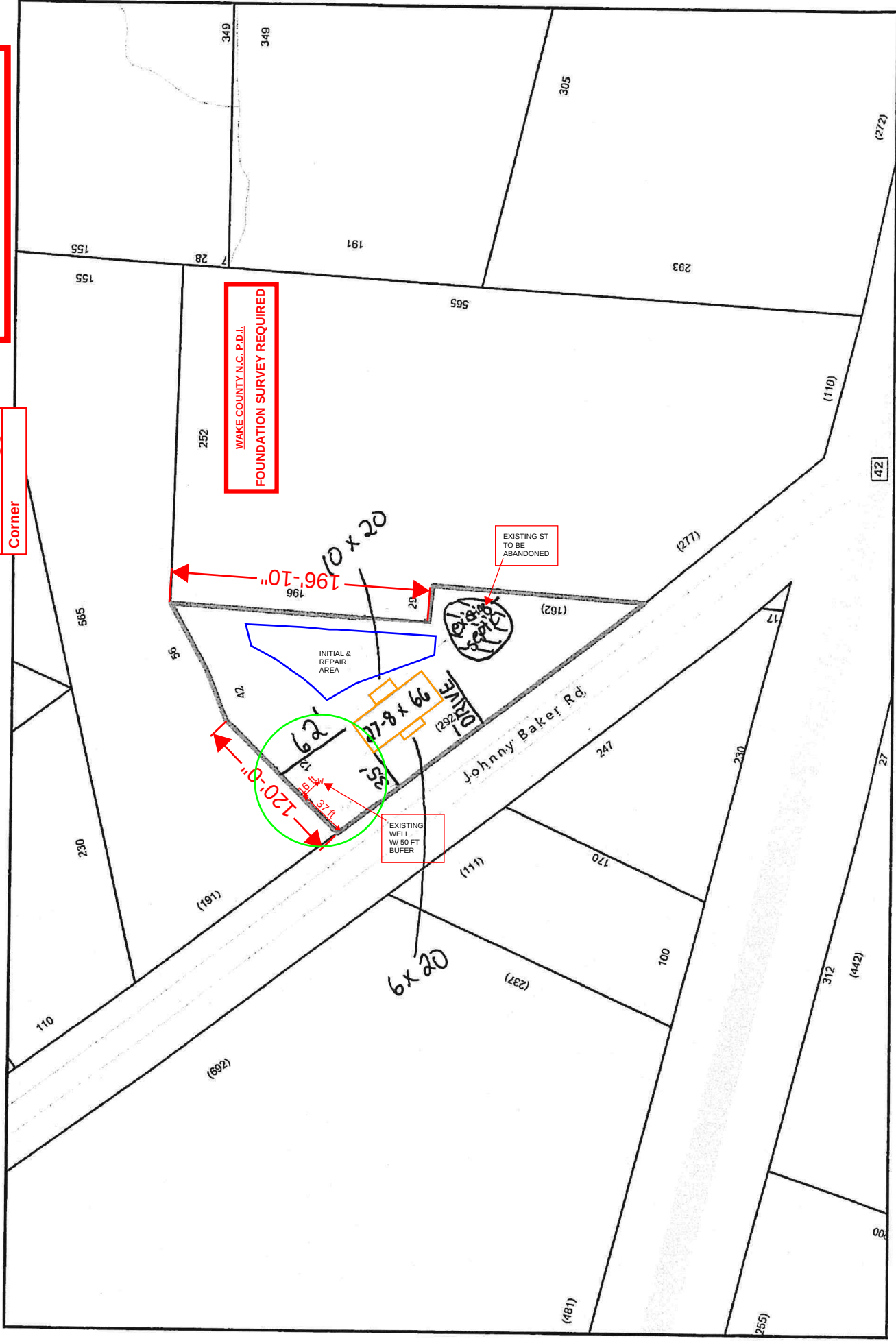
DATE: 02/09/2023

REVISED SITE PLAN

Required Setbacks	
Front	30
Side	10
Rear	30
Corner	

Torea Burton

02/08/2023 8:54:45 AM



1 inch equals 100 feet

Disclaimer
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