SUPERVISOR/ADMINISTRATIVE PROFESSIONAL CHECKLIST

NEW SEPTIC ☒ NEW WELL ☐ USE EXISTING ☐ MODIFIED PLOT PLAN ☐

New Septic Fees Paid

IP ($250.00) 6/20/2021 LE Initial/Date

CA ($200.00) 6/1/2021 SR Initial/Date

OP ($200.00) 6/1/2021 SR Initial/Date

(CA and OP fees need to be paid before a building permit can be issued)

New Well Fees Paid: $550.00 _____ Initial/Date

Use Existing Fees Paid: $100.00 _____ Initial/Date

Alteration Fees Paid: $300 Total $200 _____ Initial/Date (If use existing was part of payment)

Modified Plot Plan Fees Paid: $100.00 _____ Initial/Date

Please generate CA / Approve As Noted

Floor plans need to be submitted and reviewed before CA can be issued ☒ Review ☒ 7/7/21

This site is served by septic and well. Verify each is complete before final hold is released ☐

Septic file complete ☒ 2/16/22 Well complete ☐ _____

Send permit for signature ☒ Signature received ☐ _____

This septic system requires a certified operation contract before final hold is released ☐

Certified operator contract is on file ☐ _____

Ok to Release Occupancy Hold

Groundwater & Wastewater Services: Septic Project File & D

GWS File #:	10862B
WASPS App #:	11886
Primary ES assigned to project:	Jacob presley
Secondary ES assigned to project:	
Project Type:	New System
Site Evaluation Information: .1939(a)(1) - Topography and Landscape Position Recorded?	Yes
Site Evaluation Information: .1940(a-g) - Slope % Recorded?	Yes
Site Evaluation Information: .1939(a)(2) - Texture Class Recorded?	Yes
Site Evaluation Information: .1939(a)(2) - Structure Type Recorded?	Yes
Site Evaluation Information: .1939 (a)(2) - Consistence Recorded?	Yes
Site Evaluation Information: .1939(a)(2) - Mineralogy Recorded?	Yes
Site Evaluation Information: .1939(a)(3) - Soil Wetness Condition Recorded?	Yes
Site Evaluation Information: .1939(a)(4) - Soil Depth to Rock or Parent Material Recorded when Encountered?	Yes
Site Evaluation Information: .1939(a)(5) - Depth to Restrictive Horizons Recorded when Encountered?	Yes
Site Evaluation Information: .1939(a)(6) - Sufficient Available Space Recorded?	Yes
Site Evaluation Information: .1937(m) - Are the Profile Locations Shown?	Yes
Site Evaluation Information: .1939(a) - Are the S/PS Profiles in system & in repair area?	Yes
Site Evaluation Information: .1939(d), .1955, .1956, .1957 - LTAR	Yes
Improvement Permit/Construction Authorization: .1937(g), 130A-336(a) - Proposed System Type stated - Initial	Yes
Improvement Permit/Construction Authorization: .1945(b) - Proposed System Type stated - Repair	Yes
Improvement Permit/Construction Authorization: 130A-336(a)(3) - System location identifiable by setbacks - Initial	Yes
Improvement Permit/Construction Authorization: .1937(g), .1945(b) - System components shown - Initial	Yes
Information Permit/Construction Authorization: .1945(b) - Repair area shown	Yes
Improvement Permit/Construction Authorization: .1937(f)(g) - Does System design match facility, flow & WW characteristics?	Yes
Improvement Permit/Construction Authorization: .1937(f)(g) - Is System design consistent with soil/site conditions?	Yes
Improvement Permit/Construction Authorization: .1937(f)(g) - Is the System located in the approved area?	Yes
Improvement Permit/Construction Authorization: 130A-336(a) - Number of Bedrooms, employees, seats, etc. indicated?	Yes
Improvement Permit/Construction Authorization: .1937 (g) - Trench depth correct?	Yes
Improvement Permit/Construction Authorization: .1937(g) - Trench width correct?	Yes
Improvement Permit/Construction Authorization: .19379(g) - Trench length correct?	Yes
Improvement Permit/Construction Authorization: 130A-336(a)(1) - Proposed/existing well shown?	N/A

Improvement Permit/Construction Authorization: 130A-336(a)(1) - Property line lengths shown?	Yes
Improvement Permit/Construction Authorization: 130A-336(a) - Facility/appurtenance setbacks shown from fixed points?	Yes
Corrections/modifications needed?	No
Comments:	
IA issued date:	
OP Issued date:	
Review performed by:	Michelone
Date performed:	2/15/2021

Created at 2/15/2021 12:24 PM by Michelone, Jeremy
Last modified at 2/15/2021 12:24 PM by Michelone, Jeremy

Close

MECKLENBURG COUNTY
HEALTH DEPARTMENT

108623
#11886

20 JAN '21 AM 8:27

APPLICATION FOR A RESIDENTIAL SITE IMPROVEMENT PERMIT/ CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER SYSTEM, NEW WELL INSTALLATION, OR REPAIR OF EXISTING WELL

1. **SEPTIC / TYPE APPLICATION:** ○ N/A ◉ NEW SYSTEM ○ ALTERATION ○ REPAIR ○ MODIFIED PLOT PLAN

2. **WELL / TYPE APPLICATION:** ○ N/A ◉ NEW WELL ○ MAJOR REPAIR ○ ABANDONMENT

8516

3. **JOB LOCATION INFORMATION:**
TAX PARCEL NUMBER: 02717101
STREET ADDRESS: ~~8521~~ BROWNE ROAD
CITY: CHARLOTTE
STATE: NC ZIP: 28269
SUBDIVISION NAME: HUBBARD FAMILY
LOT #: 1 LOT SIZE (acres): 1.30
TOWNSHIP:
◉ MECKLENBURG ○ CORNELIUS ○ HUNTERSVILLE
○ DAVIDSON ○ CHARLOTTE ○ PINEVILLE
○ MATTHEWS ○ MINT HILL

4. **BUILDING INFORMATION:**
BUILDING TYPE:
○ SINGLE MOBILE HOME ○ MODULAR HOME
○ DOUBLE WIDE ○ MULTIPLE FAMILY
◉ HOUSE ○ OTHER
HEATED SQUARE FOOTAGE: 2400
NUMBER OF BEDROOMS: 4
NUMBER OF OCCUPANTS: 6
FOUNDATION TYPE:
○ CONCRETE SLAB ○ BASEMENT WITH PLUMBING
◉ CRAWL SPACE ○ BASEMENT WITH NO PLUMBING

5. **IF PLANNING TO EXPAND OR ALTER THE EXISTING SEPTIC SYSTEM PLEASE COMPLETE THE FOLLOWING SECTION:** ☐ N/A

NUMBER OF BEDROOMS TO BE ADDED: _____ NUMBER OF ADDITIONAL OCCUPANTS IN THE RESIDENCE: _____

6. **WATER SUPPLY:** ◉ MUNICIPAL ○ PRIVATE WELL ○ PUBLIC WELL ○ SHARED WELL ○ OTHER _____

7. **PROPOSED USE OF WELL:** ○ N/A ○ IRRIGATION ○ POTABLE (DRINKING WATER) ○ OTHER _____

8. **PLEASE INDICATE AND RANK DESIRED SEPTIC SYSTEM TYPE(S) IN ORDER OF PREFERENCE** *(1-MOST DESIRED 5-LEAST DESIRED):*
☐ N/A ☐ ANY TYPE ☑ CONVENTIONAL ☐ ACCEPTED ☐ INNOVATIVE ☐ ALTERNATIVE ☐ OTHER _____

8A. **RANK:** 1 ___ ___ ___ ___

9. **DO ANY OF THE FOLLOWING APPLY TO THE PROPERTY IN QUESTION? IF "YES" PLEASE ATTACH SUPPORTING DOCUMENTATION.**

BURIED CABLES, LANDFILLS, STUMPHOLES	○ YES ◉ NO	GRADING/SOIL REMOVAL PERFORMED	○ YES ◉ NO
EXISTING WASTEWATER (SEPTIC) SYSTEMS	◉ YES ○ NO	JURISDICTIONAL WETLANDS	○ YES ◉ NO
WELLS, SPRINGS, OR WATER LINES	◉ YES ○ NO	APPROVAL REQUIRED BY ANY OTHER PUBLIC AGENCY	○ YES ◉ NO
EASEMENTS OR RIGHT-OF-WAYS	◉ YES ○ NO	WASTEWATER OTHER THAN DOMESTIC SEWAGE	○ YES ◉ NO
CHEMICAL/PETROLEUM STORAGE TANKS	○ YES ◉ NO	KNOWN UNDERGROUND CONTAMINATION	○ YES ◉ NO
WASTE STORAGE	○ YES ◉ NO	GROUNDWATER USE RESTRICTIONS/VARIANCES	○ YES ◉ NO

10. **WHAT DATE WAS THE PROPERTY ORIGINALLY DEEDED AND RECORDED?** 02/20/1961 ☐ UNKNOWN

11. **WHAT IS THE ANTICIPATED CLOSING DATE FOR THIS PROPERTY?** MARCH 202 ☐ N/A

12. **PROPERTY OWNER:**
NAME: BETTY HUBBARD
ADDRESS: 8521 BROWNE ROAD
CITY: CHARLOTTE
STATE: NC ZIP: 28269
WORK PHONE: 3369856519
MOBILE PHONE: 704.516.7181
FAX: _____
E-MAIL: BHRABORN@GMAIL.COM

13. **OWNER'S LEGAL REPRESENTATIVE, IF APPLICABLE:**
**Owner's Authorization form is required if legal representative is submitting application*
NAME: GUPTON ROYAL DESIGN GROU
ADDRESS: P.O. BOX 1070
CITY: King
STATE: NC ZIP: 27021
WORK PHONE: 336.985.6519
MOBILE PHONE: 240.577.4833
FAX: _____
E-MAIL: ~~DBROWN@GUPTONCO.COM~~
Hgupton@GuptonCo.Com

14. SEPTIC SYSTEM PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Improvement Permit and Authorization to Construct shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for either sixty (60) months or is non-expiring depending upon the documentation submitted: complete site plan = 60 months, complete plat = non-expiring.

dhbsr (Initial here for septic system applications)

15. WELL PERMIT APPLICATION:

If the information in this application is falsified, changed, or the site is altered, then the Well Permit shall become invalid. I have read this application and certify that the information provided herein is true, complete and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed. The permit is valid for a period of twelve (12) months from the date of issuance.

_____ (Initial here for well applications)

16. APPLICATION SIGNATURE SECTION:

ONLY COMPLETE APPLICATIONS WILL BE PROCESSED. A proper signature is required in order to process your application. Please review the application carefully and sign in the space provided below. A PROPOSED PLOT PLAN is required to be submitted with each application.

Brenda N Rayborn | POA
Property Owner's or Owner's Legal Representative Signature

12-30-20
Date

OFFICE USE ONLY

O SURVEY PLAT TO SCALE SUBMITTED O SCALED SITE PLAN SUBMITTED O UN-SCALED SITE PLAN SUBMITTED

SEPTIC APPLICATION FEE RECEIVED: $ _____ DATE FEE RECEIVED: _____

WELL APPLICATION FEE RECEIVED: $ _____ DATE FEE RECEIVED: _____

APPLICATION PROCESSED BY: _____

GWS FILE NUMBER ASSIGNED: _____

APPLICATION ID NUMBER ASSIGNED: _____

COMMENTS:

MECKLENBURG COUNTY
Health Department

Gibbie Harris, MSPH, BSN
Director

(980) 314-9020

Addendum to Application for
New Well or Septic System Installation
Abandonment or Repair of Existing Well or Septic System

Your signature below confirms the following:

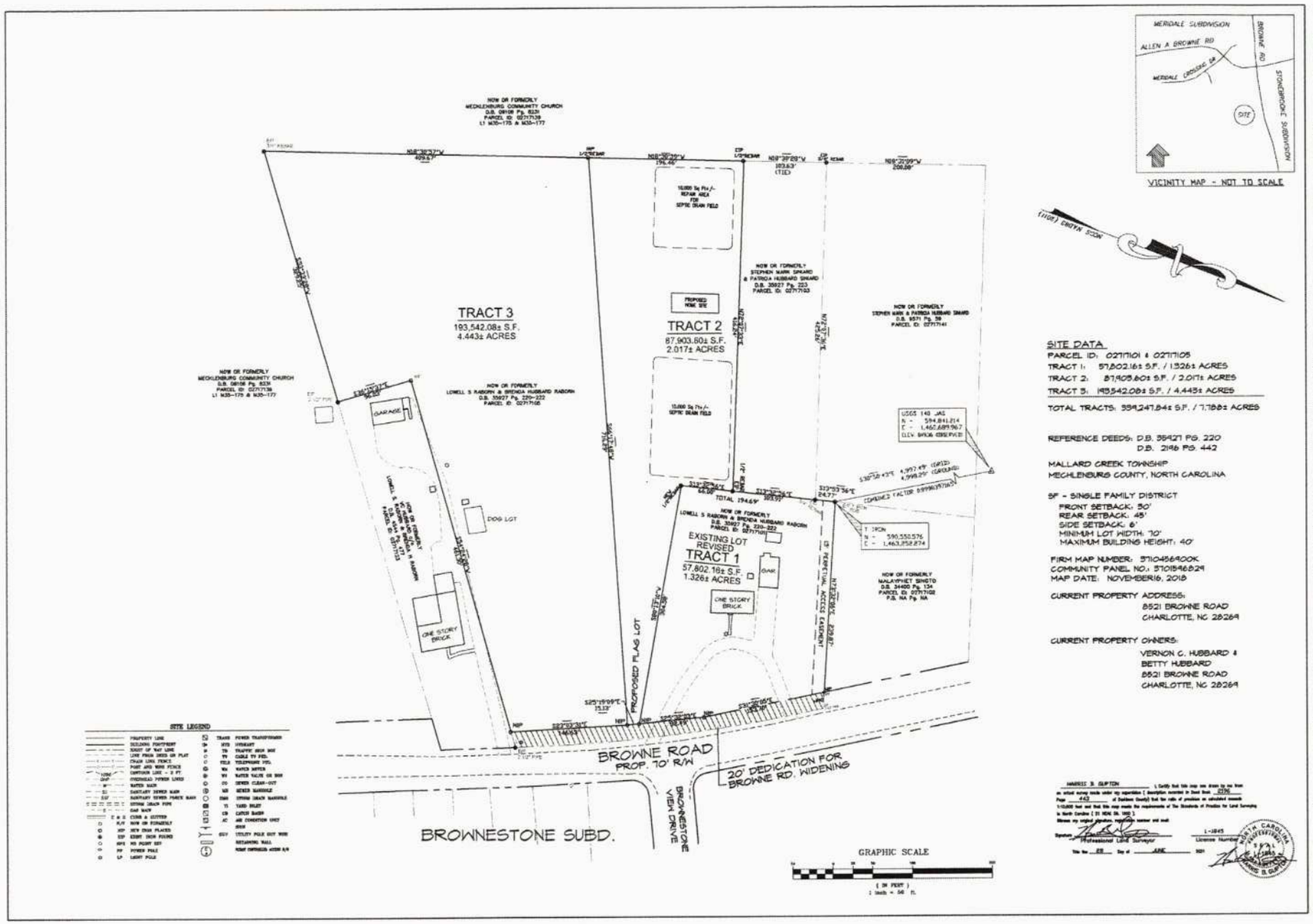
1. The information on the application is true, complete and accurate.
2. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliances with applicable laws and rules.
3. I acknowledge that Douglas H. Brown Sr is acting as my legal representative (agent) in the submittal of the application for a water supply well or septic permit located at

8521 Browne Road, Charlotte, NC. 28269
Number Street Town
(Or Parcel Number)

Brenda Rabern
Property Owner (print name)

Brenda Rabern POA
Property Owner (signature)

Date



SITE DATA

PARCEL ID: 02717101 & 02717105
TRACT 1: 57,802.16± S.F. / 1.326± ACRES
TRACT 2: 87,903.80± S.F. / 2.017± ACRES
TRACT 3: 193,542.08± S.F. / 4.443± ACRES

TOTAL TRACTS: 339,247.84± S.F. / 7.788± ACRES

REFERENCE DEEDS: D.B. 35927 PG. 220
D.B. 2198 PG. 442

MALLARD CREEK TOWNSHIP
MECKLENBURG COUNTY, NORTH CAROLINA

SF - SINGLE FAMILY DISTRICT
FRONT SETBACK: 30'
REAR SETBACK: 45'
SIDE SETBACK: 6'
MINIMUM LOT WIDTH: 70'
MAXIMUM BUILDING HEIGHT: 40'

FIRM MAP NUMBER: 3710456400K
COMMUNITY PANEL NO.: 3710546829
MAP DATE: NOVEMBER16, 2018

CURRENT PROPERTY ADDRESS:
8521 BROWNE ROAD
CHARLOTTE, NC 28269

CURRENT PROPERTY OWNERS:
VERNON C. HUBBARD &
BETTY HUBBARD
8521 BROWNE ROAD
CHARLOTTE, NC 28269

HARRIS B. GUPTON, I Certify that this map was drawn by me from an actual survey made under my supervision (deed description recorded in Deed Book 03745, Page 442, etc.) that the ratio of precision as calculated is 1:10,000 feet and that this map meets the requirements of The Standards of Practice for Land Surveying in North Carolina (21 NCAC 56, 1602).
Witness my original signature, registration number and seal.
Professional Land Surveyor
L-4845
Licensure Number
NORTH CAROLINA PROFESSIONAL SEAL L-4845 HARRIS B. GUPTON
This the 28 Day of JUNE 2021

Gupton's Royal Design Group
CIVIL ENGINEERING • SITE PLANNING
LAND DEVELOPMENT CONSULTANTS
PO BOX 1313
MATTHEWS, NC 28106
OFFICE 2348548251
EMAIL guptonroyal@gmail.com

PROPERTY OF HUBBARD FAMILY
8521 BROWNE RD CHARLOTTE NC 28269
TAX PARCEL(S) 02717101
BARBARA M. WARREN
8500 BROWNE ROAD, CHARLOTTE 28269

SCALE: 1" = 50'

REVISIONS

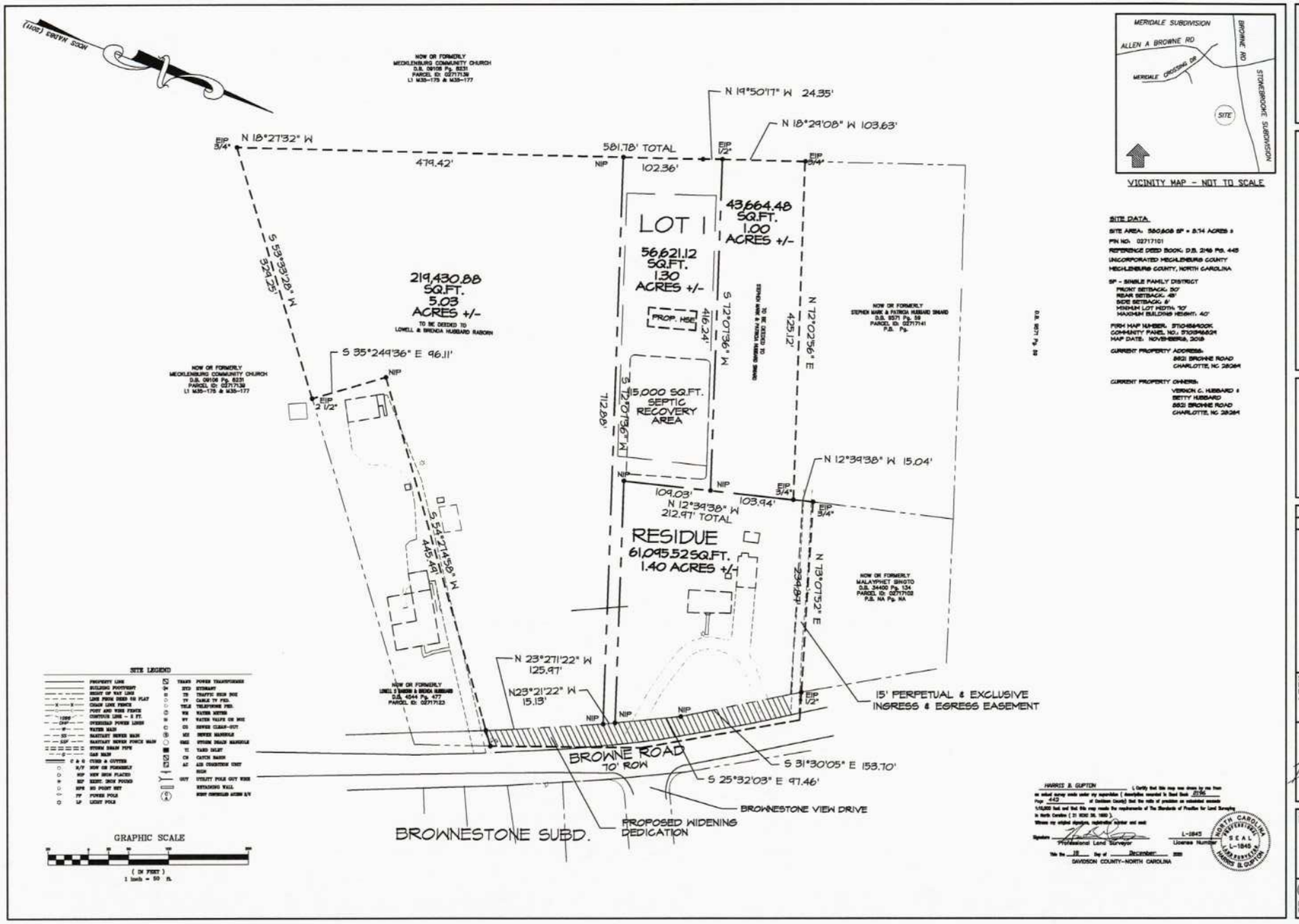
4/1/21	REV 1
4/13/21	REV 2
5/11/21	REV 3
6/10/21	REV 4
6/28/21	REV 5
7/01/21	REV 6

FIELD SURVEYED BY: CRH
DRAWN BY: HBG
DESIGNED BY: HBG
APPROVED BY: HBG

SHEET TITLE:
CURRENT BOUNDARY SURVEY

1 OF 1

DATE: 7/1/2021
PROJECT NO.: 12878-21D



SITE LEGEND

GRAPHIC SCALE

1 inch = 50 ft.

VICINITY MAP - NOT TO SCALE

SITE DATA

SITE AREA: 580,608 SF ± 5.14 ACRES ±

PIN NO: 02717101

REFERENCE DEED BOOK: D.B. 2146 Pg. 445

UNINCORPORATED MECKLENBURG COUNTY

MECKLENBURG COUNTY, NORTH CAROLINA

SF - SINGLE FAMILY DISTRICT
FRONT SETBACK: 50'
REAR SETBACK: 40'
SIDE SETBACK: 6'
MINIMUM LOT WIDTH: 30'
MAXIMUM BUILDING HEIGHT: 40'

FIRM MAP NUMBER: 3710454500K
COMMUNITY PANEL NO.: 3710454500K
MAP DATE: NOVEMBER 6, 2018

CURRENT PROPERTY ADDRESS:
8821 BROWNE ROAD
CHARLOTTE, NC 28264

CURRENT PROPERTY OWNERS:
VERNON C. HUBBARD &
BETTY HUBBARD
8821 BROWNE ROAD
CHARLOTTE, NC 28264

HARRIS B. GUPTON, I Certify that this map was drawn by me from an actual survey made under my supervision (deed/plat recorded in Deed Book 2196, Page 443, of Davidson County) that the ratio of precision as calculated exceeds 1/10,000 feet and that this map meets the requirements of The Standards of Practice for Land Surveying in North Carolina (21 NCAC 56, 1600).
Witness my original signature, registration number and seal.

Signature: _____ L-1845
Professional Land Surveyor — License Number

This the 28 day of December, 2020
DAVIDSON COUNTY-NORTH CAROLINA

NORTH CAROLINA PROFESSIONAL SEAL L-1845 HARRIS B. GUPTON

Gupton's Royal Design Group
CIVIL ENGINEERING • SITE PLANNING
STORMWATER DESIGN
LANDSCAPE DESIGN • LAND SURVEYING
PO BOX 1272
KING, NC 27021
OFFICE 336-985-0515
E-MAIL gupton@royaldesigngroup.com
CORPORATE LICENSE NO. C-2492

HUBBARD FAMILY SUBD.
CONCEPTUAL PLAN
8521 BROWNE RD CHARLOTTE NC 28269
OWNER-DEVELOPER
BARBARA H. RABORN
8521 BROWNE ROAD, CHARLOTTE 28269
PHONE NUMBER
(704)...

SCALE: 1:50
REVISIONS:

SURVEYED BY: CRH
DRAWN BY: DTG
DESIGNED BY: DHBSR
APPROVED BY:

NORTH CAROLINA PROFESSIONAL SEAL L-5361 JAMES B. GUPTON

SHEET TITLE:
BOUNDARY SURVEY

1 OF 1

DATE: 12/28/20
PROJECT NO:12878-20D

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 01/20/21
Receipt #: 125683
Check / Auth #: MC 04571Z
Received By: ELLISLW

Amount: 250.00
Tendered: 250.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: GUPTON ROYAL DESIGN GROUP
Attn:
Address: PO BOX 1070
Address:
City/State/Zip: KING, NC 27021

Item	Description	Permit#	Quantity	Unit Price	Total Price
0701	Improvment Permit App-Residen 8521 BROWNE ROAD		1	250.00	250.00

Outstanding Balances

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 of 2
Property ID: 027-171-01 (Portion of)
Lot #: 1
File #: 10862B
AppID: 11886

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Property Owner: Betty Hubbard
Address: 8521 Browne Rd, Charlotte, NC 28269
Proposed Facility: 4 Bedroom House
Design Flow (.1949): 480 GPD
Location of Site: 8521 Browne Rd, Charlotte, NC 28269
Water Supply: [ ] Public [ ] Individual [ ] Well [ ] Spring [X] Municipal
Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant: Gupton Royal Design Group
Date Evaluated: 2/4/2021
Property Size: 1.3 ac
Property Recorded: Unknown

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	General Comments	**Profile Class & LTAR**	**Maximum Trench Bottom Depth for 3' Wide Conventional Trench**
Boring #1	LS 9%	0 - 6	sbk CL	SS SP FR SEXP	>48"	48	NA	NA		**PS IV 0.275**	**33"**
		6 - 48	sbk/abk C	S P FI SEXP							
Boring #2	LS 8%	0 - 4	sbk CL	SS SP FR SEXP	>48"	48	NA	NA		**PS IV 0.275**	**33"**
		4 - 48	sbk/abk C	S P FI SEXP							
Boring #3	LS 8%	0 - 4	sbk CL	SS SP FR SEXP	>48"	48	NA	NA		**PS IV 0.3**	**33"**
		4 - 48	sbk C	S P FI SEXP							
Boring #4	LS 9%	0 - 8	sbk CL	SS SP FR SEXP	>48"	48	NA	NA		**PS IV 0.275**	**33"**
		8 - 48	sbk/abk C	S P FI SEXP							
Boring #5	LS 7%	0 - 3	sbk CL	SS SP FR SEXP	>48"	48	NA	NA		**PS IV 0.3**	**33"**
		3 - 36	sbk C	S P FI SEXP							
		36 - 48	sbk CL	SS SP FR SEXP							
Boring #6	LS 7%	0 - 8	sbk CL	SS SP FR SEXP	>48"	48	NA	NA		**PS IV 0.275**	**33"**
		8 - 30	sbk/abk C	S P FI SEXP							
		30 - 48	abk CL	SS SP FR SEXP							
Boring #7	LS 8%	0 - 6	sbk CL	SS SP FR SEXP	>48"	48	NA	NA		**PS IV 0.275**	**33"**
		6 - 28	sbk/abk C	S P FI SEXP							
		28 - 48	sbk/abk CL	SS SP FR SEXP							

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	IIIg	IIIbg
Site LTAR (gpd/sq ft)	**0.275**	**0.275**

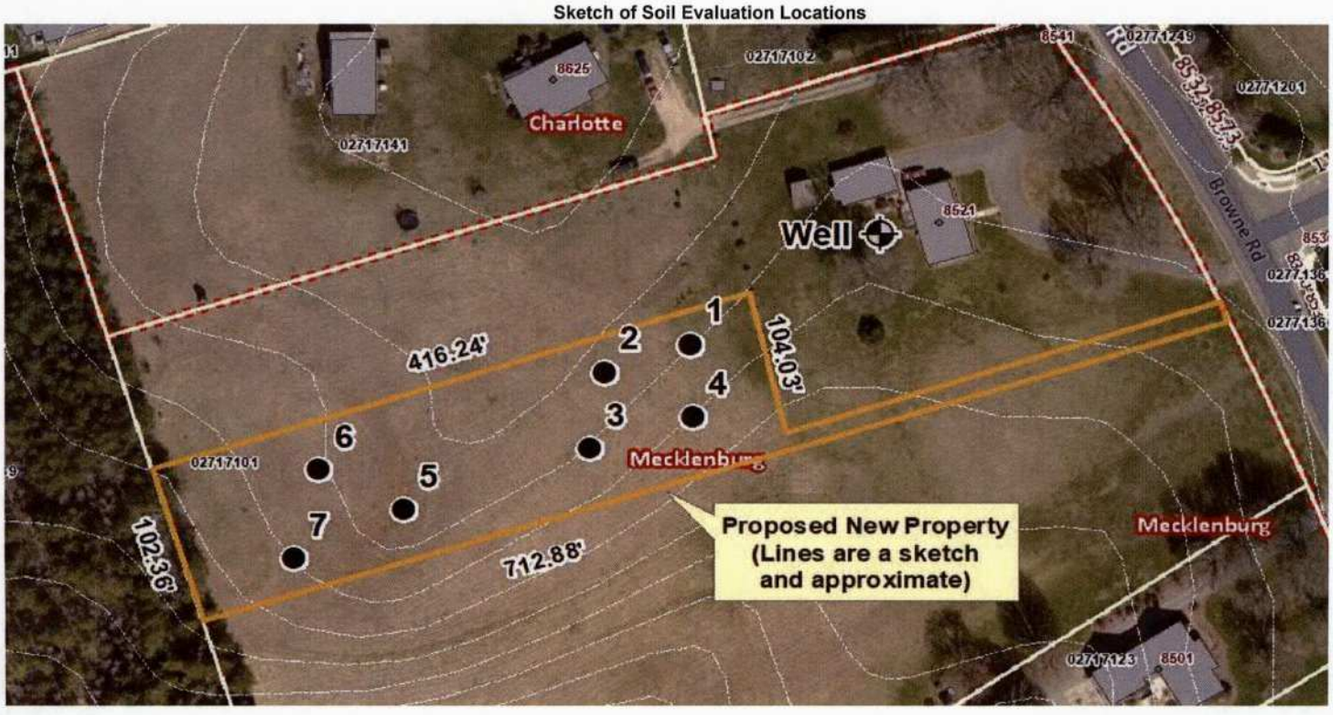
Other Factors (.1946):
Soil Evaluation By: Jacob Presley, REHS, LSS
Others Present:
Site Classification (.1948): Provisionally Suitable
Site Evaluation By: Jacob Presley, REHS, LSS
Others Present:

COMMENTS: Property is being subdivided.

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	sg-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		mass-Massive
LS-Linear Slope				cr-Crumb
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6	gr-Granular
NS-Nose Slope		L-Loam		sbk-Subangular Blocky
HS-Head Slope				abk-Angular Blocky
CC-Concave Slope	III	Si-Silt	0.6 - 0.3	pl-Platy
CV-Convex Slope		SiCL-Silty Clay Loam		pr-Prismatic
T-Terrace				Sap-Saprolite
FP-Flood Plain		CL-Clay Loam		**Structure Prefixes**
D-Drainage Way		SCL-Sandy Clay Loam		w-weak
				m-moderate
		SiL-Silt Loam		s-strong
				f-fine
	IV	SC-Sandy Clay	0.4 - 0.1	m-medium
		SiC-Silty Clay		c-coarse
		C-Clay		

Consistence Moist	Consistence Wet	Mineralogy
VFR-Very Friable	SS-Slightly Sticky	SEXP-Slightly Expansive
FR-Friable	S-Sticky	EXP-Expansive
FI-Firm	VS-Very Sticky	
VFI-Very Firm	NP-Non-Plastic	**Classification**
EFI-Extremely Firm	SP-Slightly Plastic	US-Unsuitable
	P-Plastic	PS-Provisionally Suitable
	VP-Very Plastic	S-Suitable
		NA-Not Applicable

Sketch of Soil Evaluation Locations



Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30011886** GWS File #: **10862B** Tax Parcel #: **027-171-01**

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be **NO** grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 2/12/2026

Type of Installation: Residential - New System Lot Number: 1

Structure Type: HOUSE Size (ft^2): 2400 # Bedrooms: 4 Max. Occup.: 8

Building Foundation: Crawl Space Water Supply: Municipal

II. Initial System Type: Accepted **System Classification:** IIIg

Initial System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.275	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	N/A
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1309	Total Trench Length (ft):	436
Maximum Trench Depth (in):	33	Depth of Media (in):	12	Distribution Device:	Distribution Box		

III. Repair System Type: Pump to Accepted **System Classification:** IIIb

Repair System Specifications:

Design Flow (gpd):	480	LTAR (gpd/ft^2):	0.275	Septic Tank Size (gal):	1000	Pump Tank Size (gal):	1000
Trench Width (ft):	3	Trench Spacing (ft):	9	Absorption Area (ft^2):	1309	Total Trench Length (ft):	436
Maximum Trench Depth (in):	33	Depth of Media (in):	12	Distribution Device:	Pressure Manifold		

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment, and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until a Pre-Construction meeting has been completed by the Department.
- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Jacob Presley Owner/Legal Agent:_____
Print Name

Signature:_____ Signature:_____

Date Issued: 2/12/2021

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: **30011886** GWS File #: **10862B**

IV. Permit Conditions/Comments:

- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- All waterlines must be located a minimum of 10 ft. from any part of the septic system.
- Flow from all gutters and downspouts shall be directed not to discharge water onto or across any part of the septic system.
- Foundation drains shall be constructed not to discharge water onto or across any part of the septic system.
- The septic system shall be located at least 15 feet from any foundation drain.

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until a Pre-Construction meeting has been completed by the Department.
- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

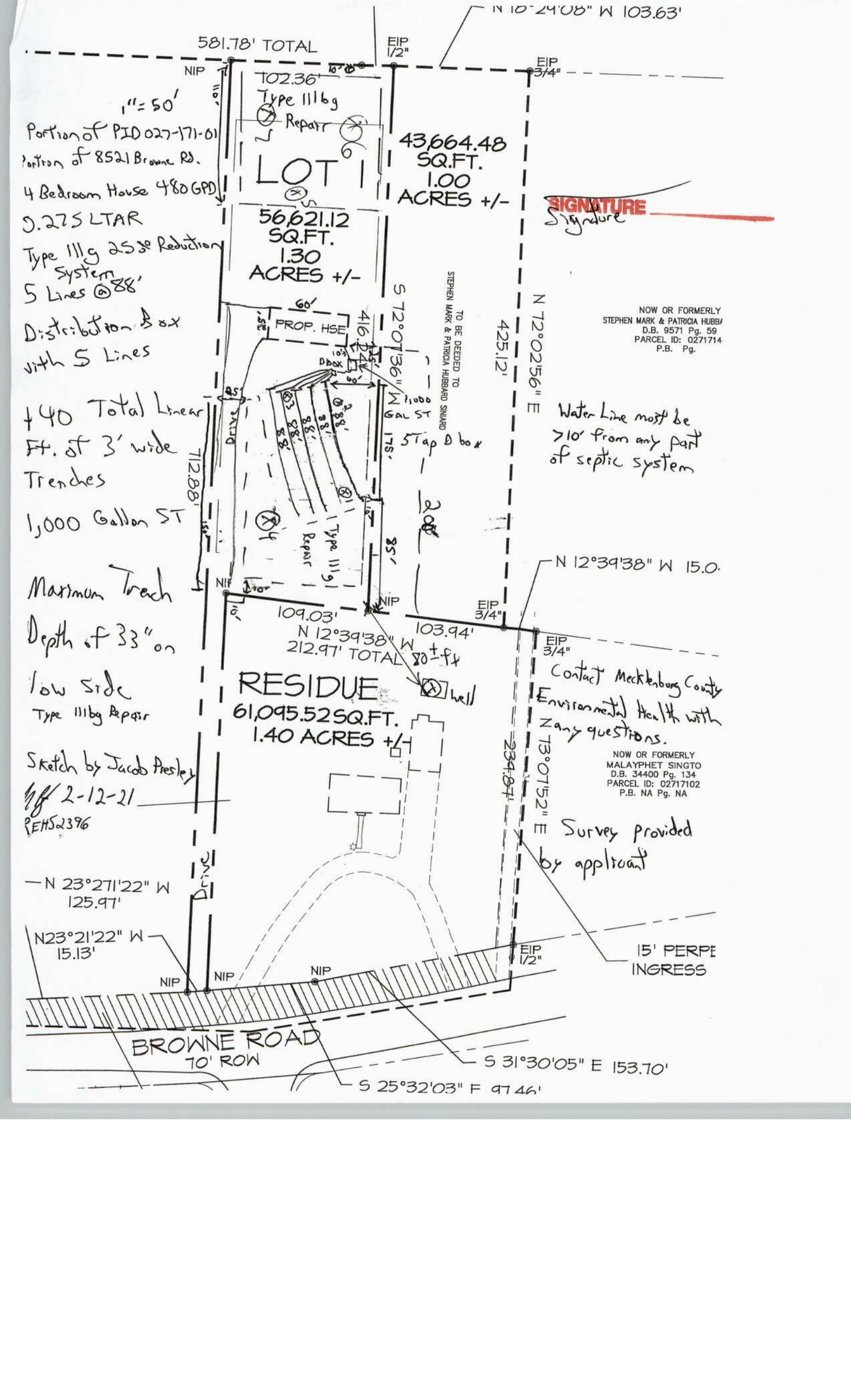
Authorized Agent: Jacob Presley

Signature: _____

Date Issued: 2/12/2021

Owner/Legal Agent: _____
Print Name

Signature: _____


N 18°24'08" W 103.63'
581.78' TOTAL
EIP 1/2"
EIP 3/4"
NIP
102.36'
Type 111bg Repair
1" = 50'
Portion of PID 027-171-01
Portion of 8521 Browne Rd.
4 Bedroom House 480 GPD
0.275 LTAR
Type 111g 25% Reduction System
5 Lines @ 88'
Distribution Box with 5 Lines
+40 Total Linear Ft. of 3' wide Trenches
1,000 Gallon ST
Maximum Trench Depth of 33" on low side
Type 111bg Repair
Sketch by Jacob Presley
2-12-21
PEHS2396
LOT 1
43,664.48 SQ.FT.
1.00 ACRES +/-
56,621.12 SQ.FT.
1.30 ACRES +/-
SIGNATURE
Signature
PROP. HSE
60'
35'
416.24'
S 72°07'36" W
TO BE DEEDED TO STEPHEN MARK & PATRICIA HUBBARD SNIARD
425.12'
N 72°02'56" E
NOW OR FORMERLY
STEPHEN MARK & PATRICIA HUBBA
D.B. 9571 Pg. 59
PARCEL ID: 0271714
P.B. Pg.
1,000 GAL ST
5Tap D box
Water Line must be >10' from any part of septic system
712.88'
Type 111bg Repair
N 12°39'38" W 15.0'
109.03'
N 12°39'38" W 212.97' TOTAL
103.94'
EIP 3/4"
80'± ft
well
RESIDUE
61,095.52 SQ.FT.
1.40 ACRES +/-
Contact Mecklenburg County Environmental Health with any questions.
NOW OR FORMERLY
MALAYPHET SINGTO
D.B. 34400 Pg. 134
PARCEL ID: 02717102
P.B. NA Pg. NA
234.87'
S 73°07'52" E
Survey provided by applicant
N 23°27'22" W 125.97'
N23°21'22" W 15.13'
15' PERPE INGRESS
EIP 1/2"
BROWNE ROAD
70' ROW
S 31°30'05" E 153.70'
S 25°32'03" E 97.46'

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: 30011886 GWS File #: ~~10862B~~ Cmd Tax Parcel #: 027-171-01

- This IMPROVEMENT PERMIT is subject to revocation if site plans or the intended use change. There is to be NO grading, filling, or disturbance of the soil in the area of the septic tank system or repair area.
- CONSTRUCTION AUTHORIZATION must be obtained prior to receiving a Building Permit. Do not clear, grade, fill or disturb soil prior to obtaining a Construction Authorization.
- Domestic-type wastewater only. No industrial process wastewater may be discharged into the system.

I. This Improvement Permit Shall: Expire in Five (5) Years **Expiration Date (If Applicable):** 2/12/2026

Type of Installation: Residential - New System
Structure Type: HOUSE Size (ft^2): 2400 # Bedrooms: 4 Lot Number: 1
Building Foundation: Crawl Space Max. Occup.: 8
Water Supply: Municipal

II. Initial System Type: Accepted **System Classification:** IIIg

Initial System Specifications:

Design Flow (gpd): 480	LTAR (gpd/ft^2): 0.275	Septic Tank Size (gal): 1000	Pump Tank Size (gal): N/A
Trench Width (ft): 3	Trench Spacing (ft): 9	Absorption Area (ft^2): 1309	Total Trench Length (ft): 436
Maximum Trench Depth (in): 33	Depth of Media (in): 12	Distribution Device: Distribution Box	

III. Repair System Type: Pump to Accepted **System Classification:** IIIb

Repair System Specifications:

Design Flow (gpd): 480	LTAR (gpd/ft^2): 0.275	Septic Tank Size (gal): 1000	Pump Tank Size (gal): 1000
Trench Width (ft): 3	Trench Spacing (ft): 9	Absorption Area (ft^2): 1309	Total Trench Length (ft): 436
Maximum Trench Depth (in): 33	Depth of Media (in): 12	Distribution Device: Pressure Manifold	

IV. Permit Conditions/Comments:

(Please See the Following Page for Permit Conditions.)

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment and Disposal Systems* and is subject to the following provisions:

- No work shall be conducted on the septic system until a Pre-Construction meeting has been completed by the Department.
- The septic system installer shall be a licensed septic contractor with the North Carolina Wastewater Contractor Inspector Certification Board.
- The permitted system shall be installed in accordance with the included PLOT PLAN.
- This IMPROVEMENT PERMIT is transferable.

Authorized Agent: Jacob Presley
Signature: JRP
Date Issued: 2/12/2021

Owner/Legal Agent: Brenda H Raborn (Print Name)
Signature: Brenda H Raborn

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr., Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

IMPROVEMENT PERMIT for a RESIDENTIAL ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

Permit #: 30011886 GWS File #: 10862B

IV. Permit Conditions/Comments:

- All components of the septic system must be installed in accordance with the required setbacks listed on the corresponding plot plan.
- All waterlines must be located a minimum of 10 ft. from any part of the septic system.
- Flow from all gutters and downspouts shall be directed not to discharge water onto or across any part of the septic system.
- Foundation drains shall be constructed not to discharge water onto or across any part of the septic system.
- The septic system shall be located at least 15 feet from any foundation drain.

The undersigned, an authorized agent of the STATE OF NORTH CAROLINA, certifies that the Department is issuing an IMPROVEMENT PERMIT for the above referenced property. This permit is being issued in accordance with the *Laws and Rules For Sewage Treatment and Disposal Systems* and is subject to the following provisions:

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Authorized Agent: Jacob Presley

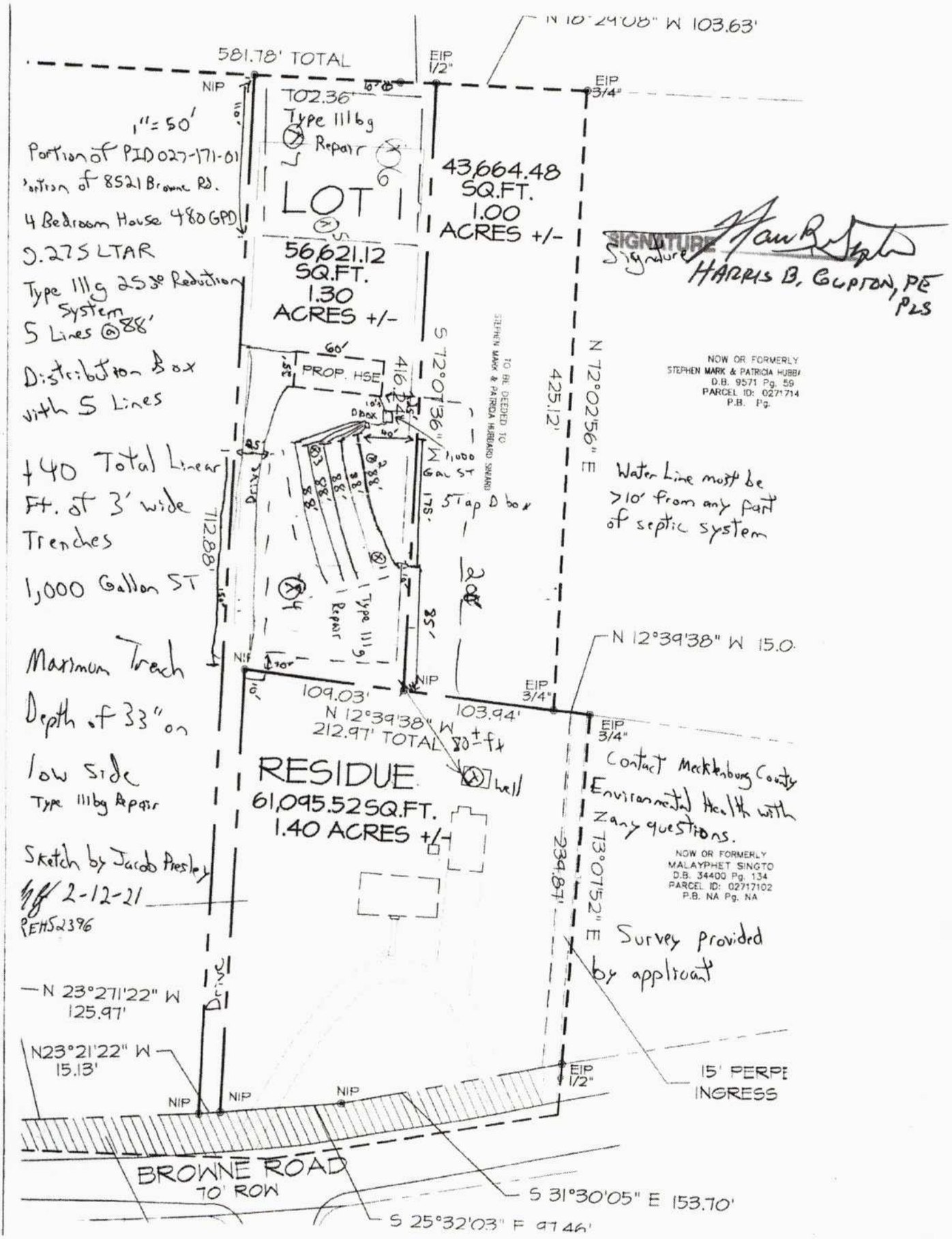
Signature: _____

Date Issued: 2/12/2021

Owner/Legal Agent: Brenda H Raborn
Print Name

Signature: Brenda H Raborn

Page 2 of 2


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Portion of 8521 Browne Rd.
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Sketch by Jacob Presley
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56,621.12 SQ.FT.
1.30 ACRES +/-
SIGNATURE
Signature
HARRIS B. GUPTON, PE PLS
NOW OR FORMERLY
STEPHEN MARK & PATRICIA HUBBA
D.B. 9571 Pg. 59
PARCEL ID: 0271714
P.B. Pg.
TO BE DEEDED TO STEPHEN MARK & PATRICIA HUBBARD SWARD
S 72°07'36" W 416.44'
N 72°02'56" E 425.12'
PROP. HSE
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35'
DRIVE
1,000 GAL ST
5 Tap D box
Water Line must be >10' from any part of septic system
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Type 111g Repair
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N 12°39'38" W 15.0
109.03'
103.94'
N 12°39'38" W 212.97' TOTAL
80± ft
Well
RESIDUE
61,095.52 SQ.FT.
1.40 ACRES +/-
Contact Mecklenburg County Environmental Health with any questions.
NOW OR FORMERLY
MALAYPHET SINGTO
D.B. 34400 Pg. 134
PARCEL ID: 02717102
P.B. NA Pg. NA
N 73°07'52" E 234.87'
Survey provided by applicant
N 23°27'22" W 125.97'
N23°21'22" W 15.13'
15' PERPE INGRESS
BROWNE ROAD
70' ROW
S 31°30'05" E 153.70'
S 25°32'03" E 97.46'

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 06/01/21
Receipt #: 129028
Check / Auth #: VISA 03865A
Received By: PLACILJ

Amount: 200.00
Tendered: 200.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: BRENDA RABORN
Attn:
Address: 8521 BROWNE RD
Address:
City/State/Zip: CHARLOTTE, NC 28269

Item	Description	Permit#	Quantity	Unit Price	Total Price
0734	Septic Construction Authorizat 8521 BROWNE RD		1	200.00	200.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

FEE: 200.00
DATE: 7/8/2021

CONSTRUCTION AUTHORIZATION FOR AN ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

MECKLENBURG COUNTY
GROUNDWATER & WASTEWATER SERVICES

FILE NUMBER: 10862B

PERMIT NUMBER: 30011886

PARCEL NUMBER: 02717101

JOB LOCATION INFORMATION

ADDRESS: ~~8521~~ 8515 BROWNE RD

CITY: CHARLOTTE **STATE: NC** **ZIP:** 28269

ISSUED TO: BETTY HUBBARD

CONSTRUCTION AUTHORIZATION ISSUANCE DATE: 7/7/2021

CONSTRUCTION AUTHORIZATION CONDITIONS

1. WASTEWATER SYSTEM CONSTRUCTION AND INSTALLATION MUST MEET ALL CONDITIONS AND SPECIFICATIONS AS SET FORTH IN IMPROVEMENT PERMIT NUMBER 30011886, AND THE ATTACHED SITE PLAN WITH SYSTEM DETAILS. CONSTRUCTION AND INSTALLATION MUST ALSO MEET ALL REQUIREMENTS SET FORTH IN THE RULES GOVERNING SANITARY SEWAGE COLLECTION, TREATMENT, AND DISPOSAL AND ANY OTHER APPLICABLE RULES AND LAWS.

2. A PRE-CONSTRUCTION MEETING MUST BE SECURED PRIOR TO INSTALLATION OF THE SEPTIC TANK SYSTEM. THE INSTALLER OF THE SYSTEM SHALL BE A LICENSED SEPTIC TANK CONTRACTOR WITH THE NORTH CAROLINA ONSITE WASTEWATER CONTRACTOR INSPECTOR CERTIFICATION BOARD.

3. ANY ALTERATION IN SITE OR SOIL CONDITIONS (INCLUDING LOCATION OF STRUCTURES AND APPURTENANCES) OR MODIFICATION IN USE, DESIGN WASTEWATER FLOW, OR WASTEWATER CHARACTERISTICS AS SPECIFIED IN THE ASSOCIATED IMPROVEMENT PERMIT AND APPLICATION, MAY SUBJECT THIS CONSTRUCTION AUTHORIZATION AND ASSOCIATED PERMIT(S) TO REVOCATION.

4. THIS CONSTRUCTION AUTHORIZATION AS PROVIDED IN G.S. 130A-335(f) AND G.S. 130A-336(b) SHALL BE VALID FOR A PERIOD EQUAL TO THE VALIDITY OF THE IMPROVEMENT PERMIT, AND MAY BE ISSUED AT THE SAME TIME THE IMPROVEMENT PERMIT IS ISSUED.

Authorized Agent Signature _____

MECKLENBURG COUNTY
LAND USE AND ENVIRONMENTAL SERVICES
Payment Receipt

Receipt Information

Date: 06/01/21
Receipt #: 129027
Check / Auth #: VISA 03865A
Received By: PLACILJ

Amount: 200.00
Tendered: 200.00
Returned: 0.00

Account Information

Account #: 200000
Contractor: BRENDA RABORN
Attn:
Address: 8521 BROWNE RD
Address:
City/State/Zip: CHARLOTTE, NC 28269

Item	Description	Permit#	Quantity	Unit Price	Total Price
0703	Septic Operational Permit 8521 BROWNE RD		1	200.00	200.00

----------Outstanding Balances----------

Month-To-Date	Prior Month	30 Days	60 Days	90 Days	Balance

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000 Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

Septic System Pre-Construction Meeting Checklist

File # 108622 B App# 11886 Tax Parcel# 027·171·60

Property Owner: Lowell & Brenda Raborn

Job Location Address: 8515 Browne Rd

City: Charlotte State: NC Zip Code: 28269

1. Does System design match facility, flow & wastewater characteristics?

   ☒ YES ☐ NO

   Comments: _____

2. Is there sufficient available space for the septic systems initial and repair areas?

   ☒ YES ☐ NO

   Comments: _____

3. Can the septic system be installed per the permit conditions and drawing on file?

   ☒ YES ☐ NO

   Comments: _____

*If "NO" is checked for any of the above the existing permit may need to be revoked.

Permission is hereby given to ☒ install ☐ alter ☐ repair an on-site wastewater treatment & and disposal system, with subsurface soil absorption and effluent discharge meeting all of the construction requirements of 15A NCAC 18A .1900 which are in effect on the date of granting this approval. **System shall not be installed while soils are in wet condition.**

Kim Garrett — Authorized Agent

2/15/22 — Date

Ehn's Wagner # 6510 — Others Present

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 108623 B Permit #: 30011886 Tax Parcel #: 027.171.60

Property Owner: Lowell & Brenda Raborn

Job Location Address: 9515 Braune Road

City: Charlotte State: NC Zip Code: 28269

Operation Permit Issuance Date: 2/16/22 Contractor Name: Chris Wagner #6510

Permitted Design Flow: 480 GPD Liquid Capacity of Dosing Tank: n/a gallons

Liquid Capacity of Septic Tank: 1000 gallons Tank Manufacture Sheaf Effluent Pump Model: n/a

Drainfield Installation ☐ N/A

Trench Depth: 33 inches

Trench Width: 3 feet

Line Spacing: 9 feet (O.C.)

Total line length: 436 feet

# of Lines: 4 @ Varying feet lengths

Depth of Media: 12 inches (Type) chambers

Depth of Cover: 21 inches

Distribution Device: end caps

Bed Installation *(For Repair Installations ONLY.)* ☒ N/A

Bed Depth: _____ inches

Bed Width: _____ feet

Total line length: _____ feet

# of Lines: _____ @ _____ feet

Depth of Media: _____ inches (Type) _____

Depth of Cover: _____ inches

Distribution Device: _____

Water Supply Source

☒ Municipal ☐ Private Well ☐ Community Well

☐ Other _____

System Installation Setbacks

Distance from Building Foundation: >10 feet

Distance from Property Line: >10 feet

Distance from Water Supply Source: >10 feet waterline

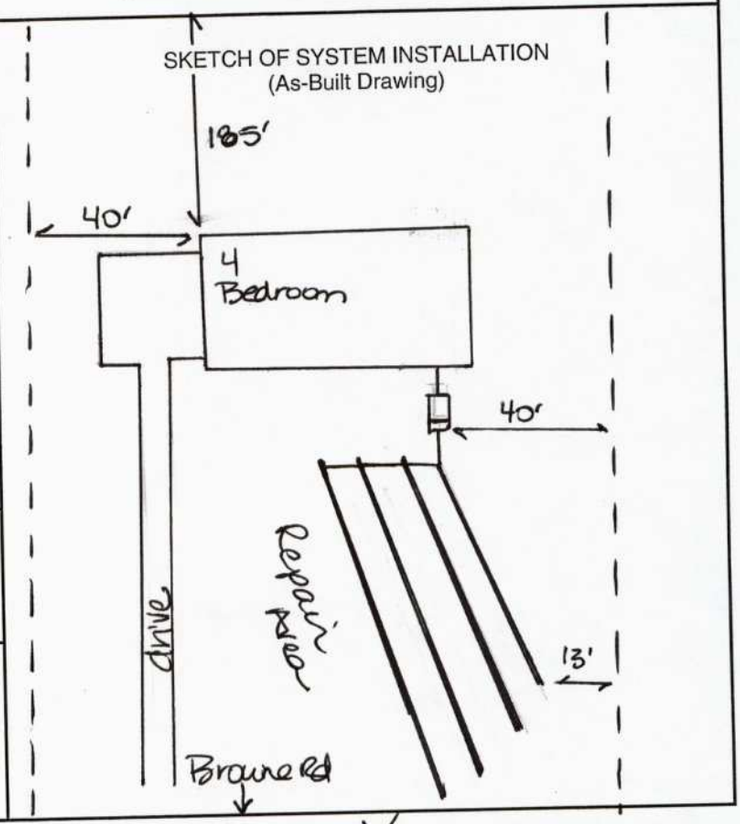
Inspection Dates

Tank(s) Inspected: 2/15/22

Excavation Inspected: 2/16/22

Pump & Controls Inspected: n/a

SKETCH OF SYSTEM INSTALLATION
(As-Built Drawing)



The undersigned has inspected the Septic Tank System described above, and certifies it has been ☒ installed ☐ altered ☐ repaired ☒ as detailed in the plot above ☐ in accordance with the permit issued and meets the provisions of 15A NCAC 18A. 1900, "Laws and Rules for Sewage Treatment and Disposal Systems" in effect on the date of issuance of the permit. The issuance of this Operation Permit does not in any way guarantee that the system will operate properly or relieve any person now or hereafter owning, controlling, or using such system from any liability resulting from the failure of the system to operate properly. This document is issued subject to those restrictions and conditions shown on the permit(s) and the provisions of 15A NCAC 18A. 1900 in addition to those listed below under "Comments." This document shall be null and void if any information contained in the application is untrue or if any additions are made to the property which would increase the requirements for said system.

Notice: Disturbance of the designated repair area may result in the Suspension or Revocation of this permit.

Comments: System Classification & Type: IIIg, gravity, CHm36, n/a, n/a

DENR Authorized Agent: Kim Garrett, REHS Signature: Kim Garrett, REHS

Mecklenburg County Groundwater & Wastewater Services
3205 Freedom Dr. Suite 8000, Charlotte, NC 28208
Phone: (980) 314-1680 Fax: (704) 336-6894

NC DHHS
Division of Environmental Health
On-Site Wastewater Section

OPERATION PERMIT for an
ON-SITE WASTEWATER TREATMENT & DISPOSAL SYSTEM

File #: 10862, B Permit #: 3001198Ble Tax Parcel #: 037-171-60

Property Owner: Lowell & Brenda Rabon

Job Location Address: 6515 Braune Road

City: Charlotte State: NC Zip Code: 28269

OPERATION PERMIT CONDITIONS:

I. Performance: System shall perform in accordance with 15A NCAC 18A .1961.

II. Monitoring: System shall be monitored as required by 15A NCAC 18A .1961.

III. Maintenance: Ground absorption sewage treatment and disposal systems shall be checked, and the contents of the septic tank removed, periodically from all compartments, to ensure proper operation of the system. The contents shall be pumped whenever the solids level is found to be more than 1/3 of the liquid depth in any compartment.

IV. Operation: System shall be operated in accordance with 15A NCAC 18A .1961.

System Classification: IIIg

*Operation Permits for Type V and VI systems expire five (5) years from the date of issuance (in accordance with Table V(a)). The system owner must contact GWS six (6) months prior to expiration for permit renewal.

Subsurface system operator required: Yes ☐ No ☒

☐ This type of system requires the system owner to maintain a contract with a certified operator to perform system inspection, maintenance, and reporting as required in 15A NCAC 18A .1961. and Table V(a). The system owner is responsible for all fees associated with these services.

☒ System does not require inspection by GWS on a routine frequency.

☐ System requires inspection by GWS once every five (5) years. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every three (3) years. The system owner is responsible for all fees associated with the inspection.

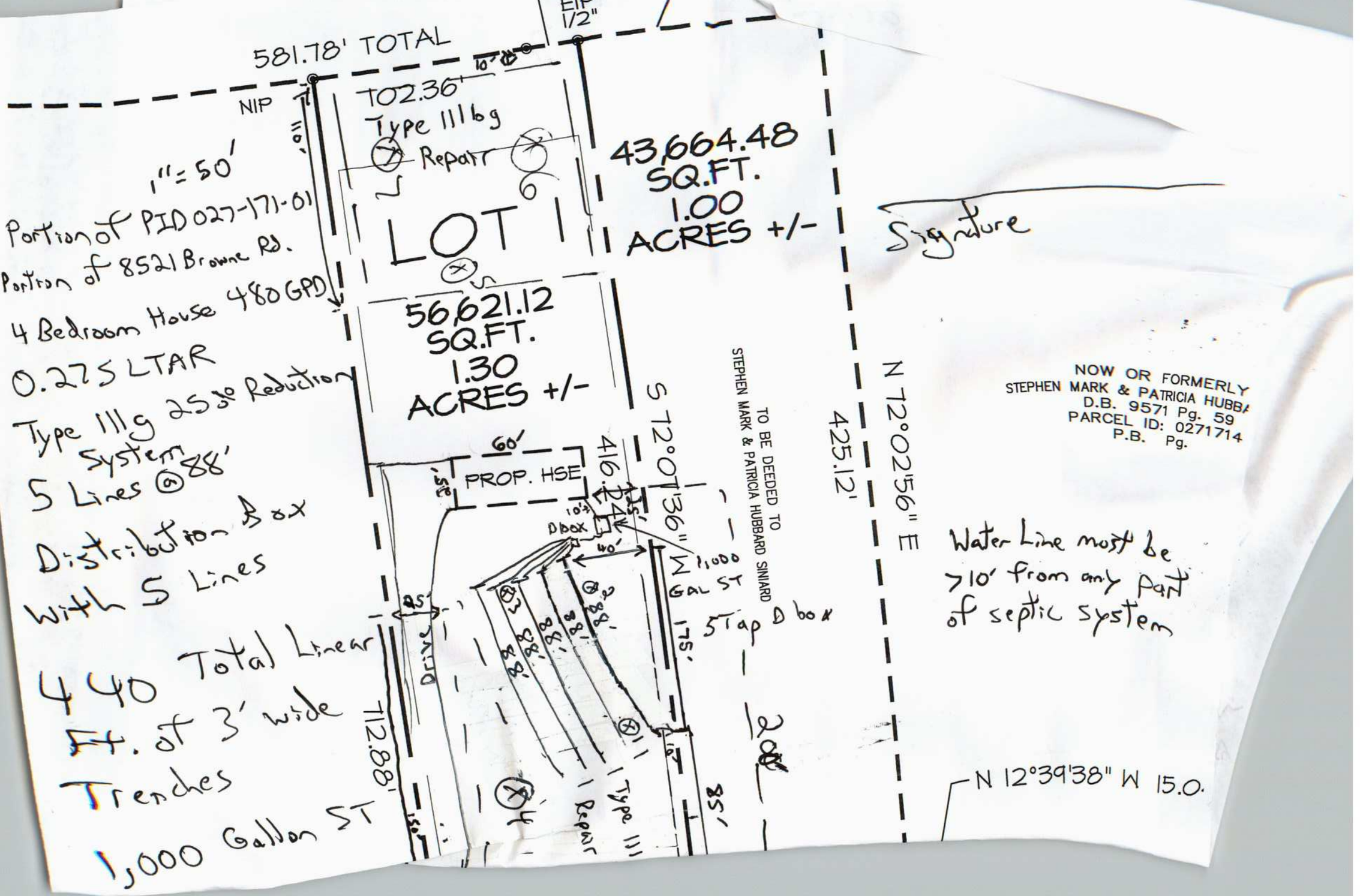
☐ System requires inspection by GWS once every twelve (12) months. The system owner is responsible for all fees associated with the inspection.

☐ System requires inspection by GWS once every six (6) months. The system owner is responsible for all fees associated with the inspection.

V. Other:

DENR Authorized Agent: Kim Garrett, REHS Date: 2/16/22

Signature: Kim Garrett, REHS


581.78' TOTAL
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