PJB

ICHD–ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625

SEPTIC IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PERMIT # AP-308909

PIN # 4625-98-5617

APPLICANT/OWNER: Lakewist Homes / Aaron Feldman APPLICANT ADDRESS: 637 Williamson Rd. Ste #102 Mooresville, NC 28117

SITE ADDRESS: 1731 Brawley School Rd. Mooresville, NC 28117 PHONE: 704-799-7609 ALT. PHONE

SITE DIRECTIONS: BSR towards Lake Norman → lot on left SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: The Point SECTION: 2 LOT # 236 LOT AREA: 0.87 acres DESIGN FLOW: 480 GPD L.T.A.R.: 0.30

Septic Tank	1500 (gal)	STB	961	Date	8/19/22	☒ New System ☐ Repair ☐ Expansion	System Type: I II III (IV) V VI	☒ Residence	No. Bedrooms 4
Pump Tank	1500 (gal)	PT	326	Date	9/14/22	System Description: LP-PPBPS (50% Reduction)		☐ Business	No. Persons 8
Pump Make	Liberty	Model	LE 1/2 hp	Serial #	2304	Repair System Description: same		☐ Other	No. Employees
# Nitrification Fields	1	# Lines	4	Linear Ft	267'	Maintenance Agreement Required: ☒ YES ☐ NO		☒ Slab	☒ Crawl Space
Trench Width	24" (min)	Trench Bottom Depth(Low side)			32"	Gravel Depth	☐ GRAVITY ☒ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☒ Community

Comments / Conditions: Though 320 l.f. of line has been laid out only 267 l.f. of line need be installed. Extra/spare area shall be set aside for future repair purposes. Recommend setting control floats to dose system 180 gallons per pumping event. Also recommend installing an event tracker in the control box to track total # of pumping events.

INITIAL SITE SKETCH

See attached 50-scale plan with approval date of 7-23-2020

Authorization to Construct
FOR SEPTIC FINAL INSPECTION
CALL 704-664-3703

Balance = 0

	Flagged Length	# Panels	Actual Length	Actual Panel #
L1	50	12		
L2	70	16 14		
L3	120	28 19		
L4	80	18 17		
	320	74		

AS BUILT SKETCH

Checked

Tanks MW 10/21/22
Lines MW 10/21/22
Supply Line MW 10/21/22

* House changed from 5 to 4 BR so panel # changed.

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION

☐ IMPROVEMENT PERMIT *with plat* valid without expiration. ☒ IMPROVEMENT PERMIT *with site plan* valid for 60 mos. ☒ AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

Owner / Applicant Signature: Acceptance of Permit Rec'd Date: 7.24.2020 Installed by: Greenway Solutions

IMPROVEMENT PERMIT by: Tom Shuck Date: 7/23/2020 OPERATION PERMIT by: Date: 12/7/22

AUTHORIZATION TO CONSTRUCT by: Maria Watson Date: 9/24/21 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inpsector to confirm your inspection time.

in the Iredell County Register of Deeds.
3) No N.C.G.S. or U.S.G.S. Monuments could be located within 2000'.
4) Area by coordinate method.
5) This survey is of an existing parcel of land.

Lot 245
P.B. 32 Pg. 78
Troy Fenderson
Christine Fenderson
D.B. 2306, Pg. 645

E.O.P. = Edge of Pavement

S37°24'52"E 161.26

320 ft T&J PANEL PRIMARY
(267' Req.)

370' T&J PANEL REPAIR
(~~300' REQ.~~)
(267' Req.)

NEW PITS
REV. 6/16/20
7-20-20

central valve box

w 29'
b 50'
r 70'
p 120'
o 80'
h 88'
r 48'
50' Setback
w 24'
b 24'
r 22'
15'
30.0
20.0
Proposed Pool
30.0
35.0
10.0
75.0
20' Setback
63.0
Proposed House
63.0
28.0
75.0
48.2
15.1
drive
50' Setback
5' Ingress/Egress Landscape & Utility Easement
5'
septic and pump tank
P.T.
0.87 Acres

Lot 237
P.B. 32 Pg. 78
The Point Owners Assoc.
D.B. 1232, Pg. 2022

N54°37'04"E 241.40

S37°51'14"W 262.27

Lot 235
P.B. 72 Pg. 27

R/W
C1
L1
R/W

Brawley School Road
(90 Public R/W)

APPROVED JUL 23 2020

R/W
R/W

LINE TABLE		
LINE	LENGTH	BEARING
L1	20.17	N32°08'46"W

CURVE TABLE				
CURVE	LENGTH	RADIUS	Chord Distance	Chord Bearing
C1	126.85	2245.00	126.83	N33°44'58"W

GRAPHIC SCALE

50 0 25 50 100

(IN FEET)
1 inch = 50 ft.

Vicinity Map
Not To Scale

Brawley Harbor Pl.

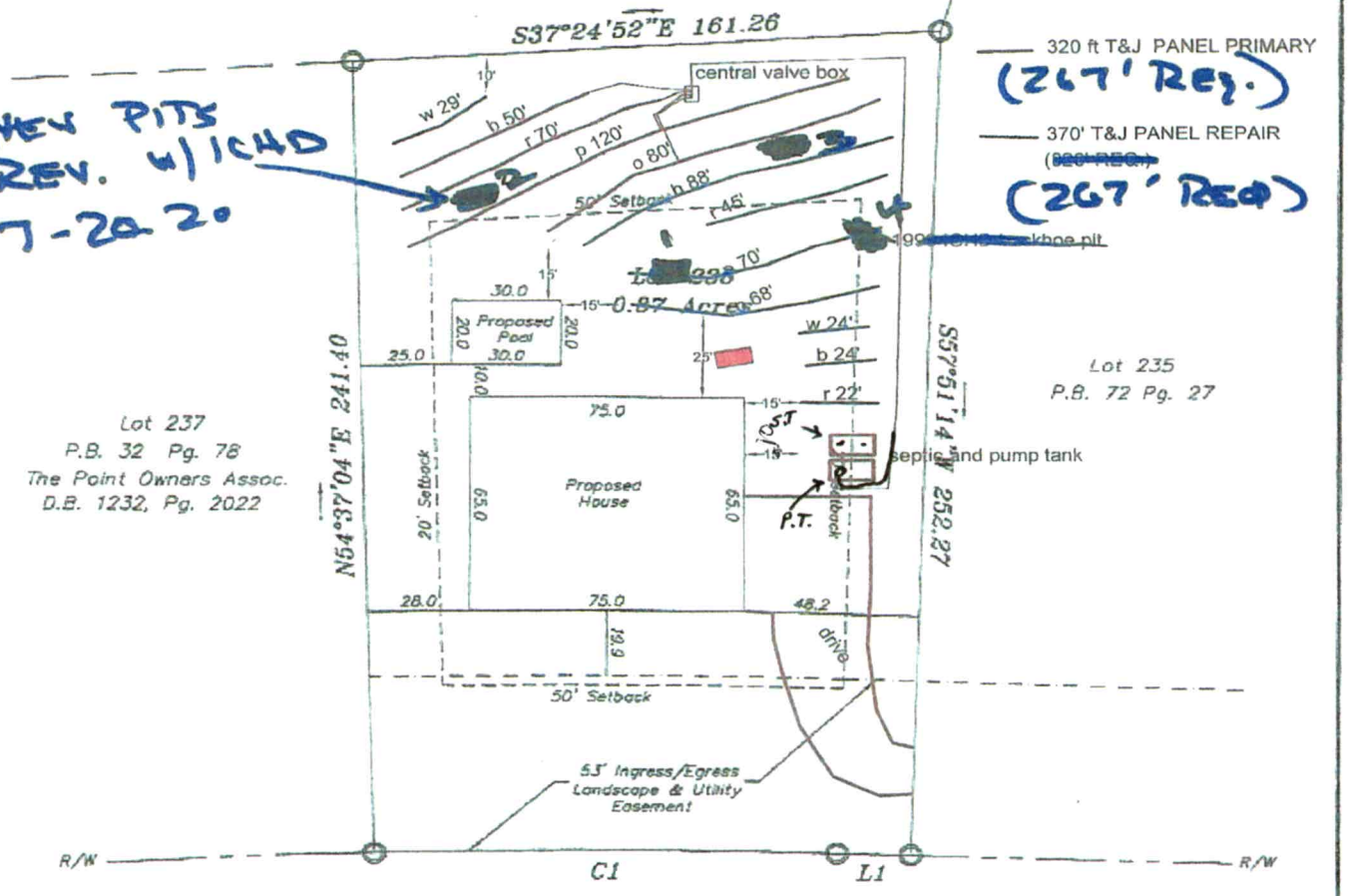
Plot Plan
FOR
Lakemist Homes
PROPERTY DESCRIPTION

SCALE: 1" = 50'
FIELD BOOK:
FILE: 2020-143

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(90 Public R/W)

APPROVED JUL 23 2020

R/W — R/W

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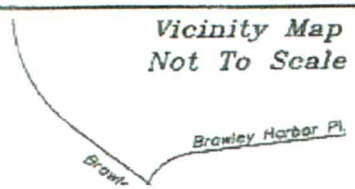
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SITE DIRECTIONS: BSR towards Lake Norman → lot on left SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: The Point SECTION: 2 LOT # 236 LOT AREA: 0.87 acres DESIGN FLOW: 480 GPD L.T.A.R.: 0.30

Septic Tank 1500 (gal) STB Date

Pump Tank 1500 (gal) PT Date

Pump Make — Model Serial #

Nitrification Fields 1 # Lines 4 Linear Ft 267'

Trench Width 24" (min) Trench Bottom Depth(Low side) 32" Gravel Depth —

☒ New System ☐ Repair ☐ Expansion System Type: I II III (IV) V VI

System Description: LP-PPBPS (50% Reduction)

Repair System Description: same

Maintenance Agreement Required: ☒ YES ☐ NO ☐ GRAVITY ☒ PRESSURE

☒ Residence ☐ Business ☐ Other ☒ Slab ☐ Basement w/plumbing

No. Bedrooms 4 No. Persons 8 No. Employees — ☒ Crawl Space

Water Supply: ☐ Private ☐ Public ☒ Community

☐ Basement w/o plumbing

Comments / Conditions: Though 320 l.f. of line has been laid out only 267 l.f. of line need be installed. Extra/spare area shall be set aside for future repair purposes. Recommend setting control floats to dose system 180 gallons per pumping event. Also recommend installing an event tracker in the control box to track total # of pumping events.

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Owner / Applicant Signature: Acceptance of Permit Provid Date: 7.24.2020 Installed by:

IMPROVEMENT PERMIT by: Tom Shuck Date: 7/23/2020 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Maria Folsom Date: 9/24/21 Existing System Inspected by: Date:

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P.B. 32 Pg. 78
Troy Fenderson
Christine Fenderson
D.B. 2306, Pg. 645

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S37°24'52"E 161.26

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(267' Req.)

370' T&J PANEL REPAIR
(300' REQ'd)
(267' Req.)

NEW PITS
REV. W/ICPD
7-20-20

central valve box

w 29'
b 50'
r 70'
p 120'
o 80'
b 88'
r 45'

50' Setback

Proposed Pool
30.0 x 20.0

0.87 Acres

w 24'
b 24'
r 22'

septic and pump tank

Proposed House
75.0 x 65.0

20' Setback

P.T.

28.0
48.2

drive

50' Setback

53' Ingress/Egress Landscape & Utility Easement

N54°37'04"E 241.40

S37°31'14"W 262.27

Lot 237
P.B. 32 Pg. 76
The Point Owners Assoc.
D.B. 1232, Pg. 2022

Lot 235
P.B. 72 Pg. 27

R/W — C1 — L1 — R/W

Brawley School Road
(90 Public R/W)

APPROVED JUL 23 2020

R/W — R/W

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Vicinity Map
Not To Scale

Brawley Harbor Pl.

Plot Plan
FOR
Lakemist Homes
PROPERTY DESCRIPTION

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FIELD BOOK:
FILE: 2020-143

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REV. W/ICHD
7-20-20

central valve box

w 29'
b 50'
r 70'
p 120'
o 80'
b 88'
r 45'
50' Setback

3
2
4

199 ICHD backhoe pit

15'
30.0
Proposed Pool
20.0
30.0
25.0
10.0
15'
0.87 Acres
68'
w 24'
b 24'
r 22'
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ST
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Proposed House
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Brawley School Road
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APPROVED JUL 23 2020

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IREDELL COUNTY HEALTH DEPARTMENT
JANE HINSON, RN BSN MS
HEALTH DIRECTOR

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

ACKNOWLEDGEMENT OF ACCEPTANCE OF PERMIT DESIGN AND CONDITIONS

Any permit requiring a signature must have this form signed by the property owner or their authorized agent. Once this form is signed and returned to Environmental Health an official copy of the permit will be emailed to the email that you provide.

I, (Aaron Feldman) Lakeshore Holdings LLC, am the legal owner or the agent of the property located at lot 236, identified as PIN(Parcel Identification Number) 4625985617, located in Iredell County, North Carolina.
Permit # 308-909.

I do hereby agree to the permit design and the conditions of this permit.

Signature of Owner/Authorized Agent — Date: 7/24/2020

Signature of Witness — Date: 7/24/2020

Lakeisthomes@yahoo.com
email

Sheet 1 of 1
PROPERTY ID #:
COUNTY:

SOIL/SITE EVALUATION
for **ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

OWNER: LAKEMIST HOMES - APP. APPLICATION DATE: 7-9-2
ADDRESS: DATE EVALUATED: 7-20-20
PROPOSED FACILITY: 4 BR PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE:
LOCATION OF SITE: 1731 BSR + Lot 231 This Plat PROPERTY RECORDED: YES
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L ~5%	0-5	WSBK/SCL	fr SS/SS	brn br	56"	fi-c in	—	PS .3
		5-29	ASBK/SBK C	fi SP	Pcd				
		29-56	WSBK CL	fr SS/SS	Pcd				
2	~5	0-11	SBK/SCL	fr SS/SS	br	52"	fine	—	PS .3
		11-38	SBK/MSBK C	fi SP	mott				
		38-54	WSBK/CL	fr SS/SS	mott				
3	~5	0-7	SBK/SCL	fr SS/SS	br	56"	fi	—	PS .3
		7-26	SBK/MSBK C	fi SP	mott				
		26-56	WSBK/CL	fr SS/SS	mott				
4	~5	0-9	SBK/SCL	fr SS/SS	br	56"	fi	—	PS .3
		9-26	SBK/MSBK C	fi SP	mott				
		26-56	WSBK/CL	fr SS/SS	mott				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	TRE	PAS
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: PGP + Tom Shook
OTHER(S) PRESENT: w/ ICHD

COMMENTS:

APPROVED JUL 23 2020

Updated February 2014

RECEIVED JUL 0 9 2020 AP-308909 $500.00

CALL PAUL PENNINGER FOR SITE VISIT 704.996.6330

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) Septic Improvement Permit ( ) Authorization to Construct ( ) Existing System Inspection ( ) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted: ( ) Survey Plat, scaled no more than 1 inch = 60 feet
Place an (X) beside whichever is submitted if applicable (X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: **(PRINT CLEARLY)**

Applicant Name: Lakemist Homes/Aaron Feldman **Address:** 637 Williamson Rd Unit 102, Mooresville **Zip:** 28117

Applicant Email: lakemisthomes@yahoo.com **Phone:** (704) 799-7609 **Alt. Phone:**

Owner Name: MATT ROGGENBURG DAWN PREZIOSKI **Address:** 1739 BRAWLEY SCHOOL ROAD,MOORESVILLE **Zip:** 28117

Owner Email: dawn@dawnpreziosi.com **Phone:** **Alt. Phone:**

Property Information:

Street Address: 1731 Brawley School Road

Subdivision Name: The Point **Section/Phase:** 2 **Lot Number:** 236

Driving Directions: Brawely School Road, Left Private Drive at 1731, at end of drive on right

28117

Site Development Information: ***(check or complete ALL that apply***

CHECK FOUNDATION TYPE

(X) New Single Family Residence — Maximum Number of Bedrooms: 4 — (X) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: 8 — ( ) Concrete Slab Foundation
( ) Accessory Building — (X) Swimming Pool — ( ) Basement with Plumbing
( ) Bedroom(s) Addition — ( ) Other Addition/Structure: — ( ) Basement without Plumbing
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem:
Non-Residential Site Development: Type of Business:
Square Footage of Building: Max. Number of Employees: Max. Number of Seats/Beds/Other:

Water Supply: ( ) Replacement Well – Reason:
( ) Multi-connection Well Number of Houses: Number of Persons:
( ) New Well ( ) Existing Well (X) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: ***(you may rank in order of preference)*** Year existing system installed:
( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other:

Please answer the following to the best of your ability:
( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (X) No Is the site subject to approval by any other public agency?

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.

Signature: _____ 7.9.20
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

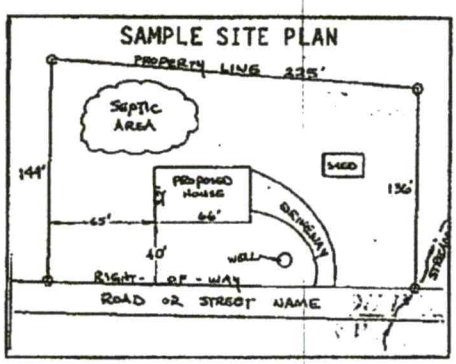
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

SITE PLAN WORKSHEET

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM OR WELL PERMIT!!!*

Place an (X) beside each item as you complete the site plan:

- (X) **Property Line measurements are clearly identified**
- (X) **All proposed structures are indicated**
- (X) **Front and side setbacks from property line**
- (X) **Preferred driveway location**
- (X) **Preferred well location**
- (X) **Preferred septic system location**
- (X) **North arrow, or other sufficient indicator of direction**



Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property	**N/A**
Location of easements and rights of ways on your property	**N/A**
Location of any designated wetlands on the property	**N/A**

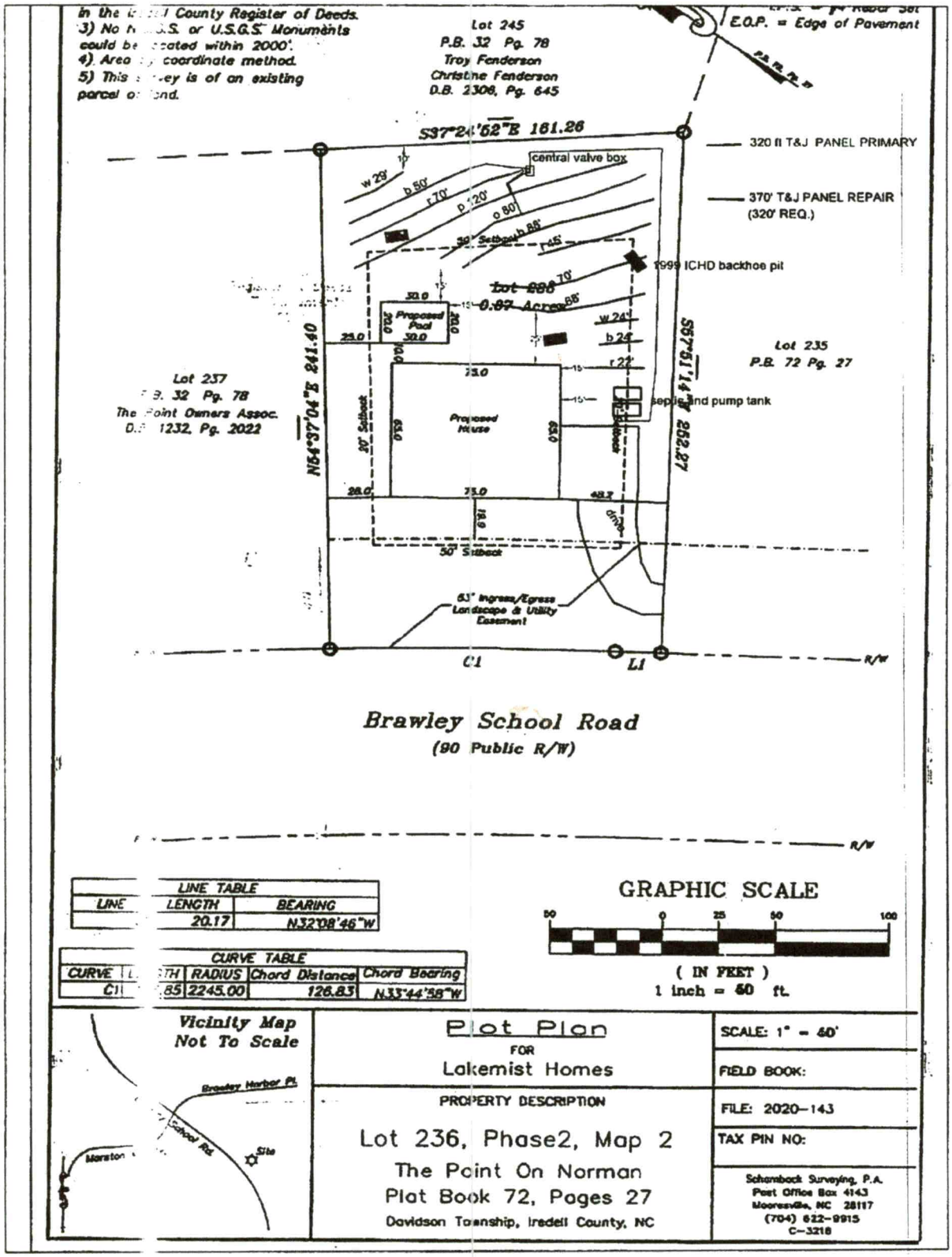
USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

See attached site plan.

Signature: _____ 7.9.20

Property owner or owner's legal representative signature (SIGNATURE REQUIRED) **DATE**



1731 Brawley School Road - The Point Lot 236 Septic Site Plan 7.9.20

Lakemist Homes septic area previously permitted by ICHD on 3.18.99.
Approx. proposed septic lines sketched by Penninger Soil Consulting.
Proposed septic system must be permitted by ICHD