ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 313628

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

PIN # 4624-06-0886

APPLICANT/OWNER: Kenneth Bealer Homes APPLICANT ADDRESS: P.O Box 3398 Mooresville, NC

SITE ADDRESS: 144 Burns Rd Mooresville, NC 28117 PHONE: 704 662 6400 ALT PHONE

SITE DIRECTIONS: Brawley School Rd TR Tuskaroa Trail TR Burns Rd on right SAP CONTROLLED ☐ YES ☒ NO

SUBDIVISION: Leonard K Bealer Family Trust SECTION: LOT # 3 LOT AREA 1.03 Ac DESIGN FLOW 480 gpd LTAR .3 Ft²

Septic Tank 1000 (gal) STB 1612 Date 2/1/22 ☒ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI ☒ Residence No. Bedrooms 4 Water Supply

Pump Tank 1000 (gal) PT 17 Date 2/17/22 System Description: Pump fm - 25% Reduction ☐ Business No. Persons 8 ☒ Private

Pump Make E-Flow Model CPES-15 Serial # R2100338 Repair System Description: PPBPS ☐ Other No. Employees ☐ Public

Nitrification Fields 1 # Lines 5 (4 tap) Linear Ft 400 Maintenance Agreement Required: ☐ YES ☒ NO ☒ Slab ☐ Crawl Space ☐ Community

Trench Width 36 Trench Bottom Depth (Lowest) 36" max Gravel Depth N/A ☐ GRAVITY ☒ PRESSURE ☐ Basement w/ plumbing ☐ Basement w/o plumbing

Comments / Conditions: ☒ Have Road Right of way marked at time of Septic Installation 2' supply line 2ft pipe use 2 3's & 4 tap 3 ☒ Direct Surface / Stormwater away from Septic ☒ Keep Septic at least 50' to well & 15ft from pool

INITIAL SITE SKETCH

Dec. 175 Pump 6 gal 2.33" x 4

See attached, approved Site drawing prepared by Thomas & Williams Land Surveyor & Submitted by Paul Pennington

AS BUILT SKETCH

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

Lines & tanks checked 5/5/22 MH

PM & SUPPLY CHECKED 5-6-2022 BCW

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

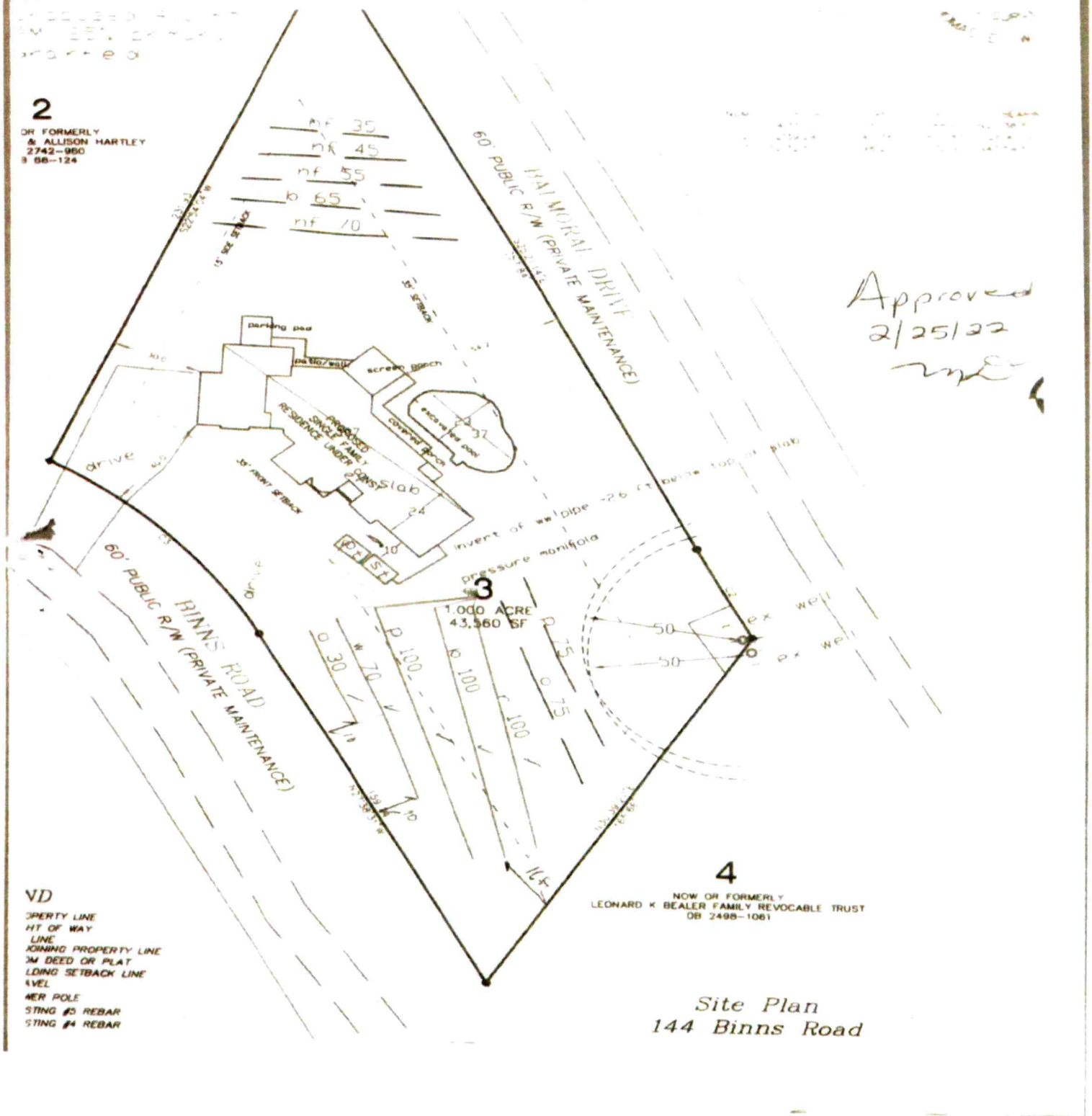
☐ IMPROVEMENT PERMIT ~~with plat~~ valid without expiration ☒ IMPROVEMENT PERMIT with site plan valid for 60 mos. ☒ AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT, not to exceed 60 mo.

Owner - Applicant Signature: Kenneth R Kennington Jr Date: 3/2/2022 Installed by: Steve Jordan

IMPROVEMENT PERMIT by: Date: 2/25/22 OPERATION PERMIT by: Date: 5-14-2022

AUTHORIZATION TO CONSTRUCT by: Date: 3/2/22 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed



Approved
2/25/22

Site Plan
144 Binns Road

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 313628

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

PIN # 4624-06-0886

APPLICANT/OWNER: Kenneth Bealer Homes | APPLICANT ADDRESS: P.O. Box 3398 Mooresville, NC

SITE ADDRESS: 144 Binns Rd Mooresville, NC 28117 | PHONE: 704 662-6400 | ALT. PHONE

SITE DIRECTIONS: Brawley School Rd TR Tuskarora Trail TR Binns Rd on right | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Leonard K Bealer Family Trust | SECTION: | LOT # 3 | LOT AREA: 1.0 Ac | DESIGN FLOW: 480 gpd | L.T.A.R.: .3 Int

Septic Tank 1000 (gal)	STB	Date	☒ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 4	Water Supply
Pump Tank 1000 (gal)	PT	Date	System Description: Pump-fm-25% Reduction		☐ Business	No. Persons 8	☒ Private
Pump Make	Model	Serial #	Repair System Description: PPBPS		☐ Other	No. Employees	☐ Public
# Nitrification Fields 1	# Lines 5 (4 taps)	Linear Ft 400	Maintenance Agreement Required:	☐ YES ☒ NO	☒ Slab	☐ Crawl Space	☐ Community
Trench Width 36"	Trench Bottom Depth(Low side) 36"	Gravel Depth N/A		☐ GRAVITY ☒ PRESSURE	☐ Basement w/ plumbing	☐ Basement w/o plumbing	

Comments / Conditions: ~~A~~ Have Road Right of way marked (max) at time of Septic Installation) 2" supply line 2ft pressure Use 1/2" sch 40 taps 7.11 gpm per tap ~~28.44 gpm~~

Direct Surface / Storm water away from Septic
~~X~~ Keep Septic at least 50' to well & 15ft from pool

INITIAL SITE SKETCH

Dose volume = 175 gallons Pump run 6.2 minutes 8.33" drop

See attached, approved Site drawing prepared by Thomas E Williams Land Surveyor & Submitted by Paul Penninger

AS BUILT SKETCH

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

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☐ **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: K Bealer FOR KENNETH BEALER HOMES | Date: 3/2/2022 | Installed by:

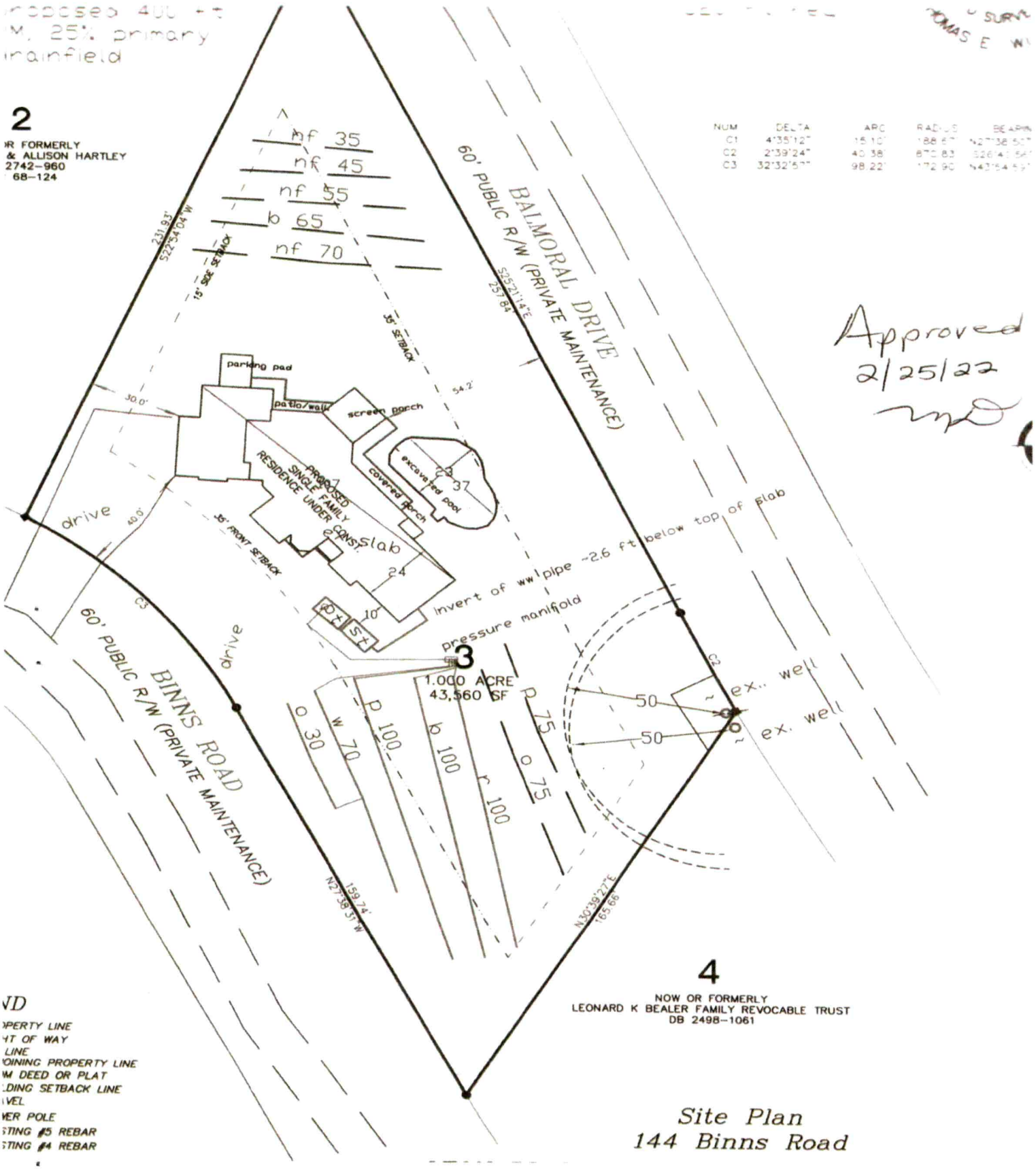
IMPROVEMENT PERMIT by: Maria Watson | Date: 2/25/22 | OPERATION PERMIT by: | Date:

AUTHORIZATION TO CONSTRUCT by: Maria Watson | Date: 3/2/22 | Existing System Inspected by: | Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

Item	Date	Initials
Drain Lines Checked	5-5-2022	MW
Tanks Checked	5-5-2022	MW
Pressure Manifold or Valve Box Checked	5-6-2022	BCW
Pressure Head Set	6-1-2022	BCW
Electrical Checked	6-14-2022	BCW
Floats Set	6-14-2022	BCW
Alarm Checked	6-14-2022	BCW
Maintenance Contract Needed? Y / (N)	6-14-2022	BCW
Comments: SUPPLY	5-6-20202	BW

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	



Site Plan
144 Binns Road

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 DW | Mooresville Office (704) 660-3625 DW | PERMIT # AP 313628

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

PIN # 4624-06-0886

APPLICANT/OWNER: Kenneth Bealer Homes | APPLICANT ADDRESS: P.O. Box 3398 Mooresville, NC

SITE ADDRESS: 144 Binns Rd Mooresville, NC 28117 | PHONE: 704 662-6400 | ALT. PHONE

SITE DIRECTIONS: Brawley School Rd TR Tuskarora Trail TR Binns Rd on right | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Leonard K Bealer Family Trust | SECTION: | LOT # 3 | LOT AREA: 1.0 Ac | DESIGN FLOW: 480gpd | L.T.A.R.: .3 Int

Septic Tank	1000 (gal)	STB	1 of 2	Date	2/1/22	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 4
Pump Tank	1000 (gal)	PT	17	Date	2/17/22	System Description:	Pump-Pm-25% Reduction			☐ Business	No. Persons 8
Pump Make	E-Hamilton Model	CPE5-75		Serial #	R240038	Repair System Description:	PPBPS			☐ Other	No. Employees
# Nitrification Fields	1	# Lines	5 (4 taps)	Linear Ft	400	Maintenance Agreement Required:	☐ YES	☒ NO		☒ Slab	☐ Crawl Space
Trench Width	36"	Trench Bottom Depth (~~Low side~~ max)	36"	Gravel Depth	N/A		☐ GRAVITY	☒ PRESSURE		☐ Basement w/ plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Have Road Right of Way marked at time of Septic Installation. 2" supply line 2ft pressure. Use 1/2" Sch 40 taps 7.11 gpm per tap 28.44 gpm

Direct Surface / Storm water away from Septic. Keep Septic at least 50' to well & 15ft from pool.

INITIAL SITE SKETCH

Dose volume = 175 gallons Pump run 6.2 minutes 8.33" drop

See attached, approved

Site drawing prepared

by Thomas E Williams

Land Surveyor & Submitted

by Paul Penninger

AS BUILT SKETCH

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

Lines & tanks checked 5/5/22 Matt

PM & SUPPLY CHECKED 5-6-2022 BCW

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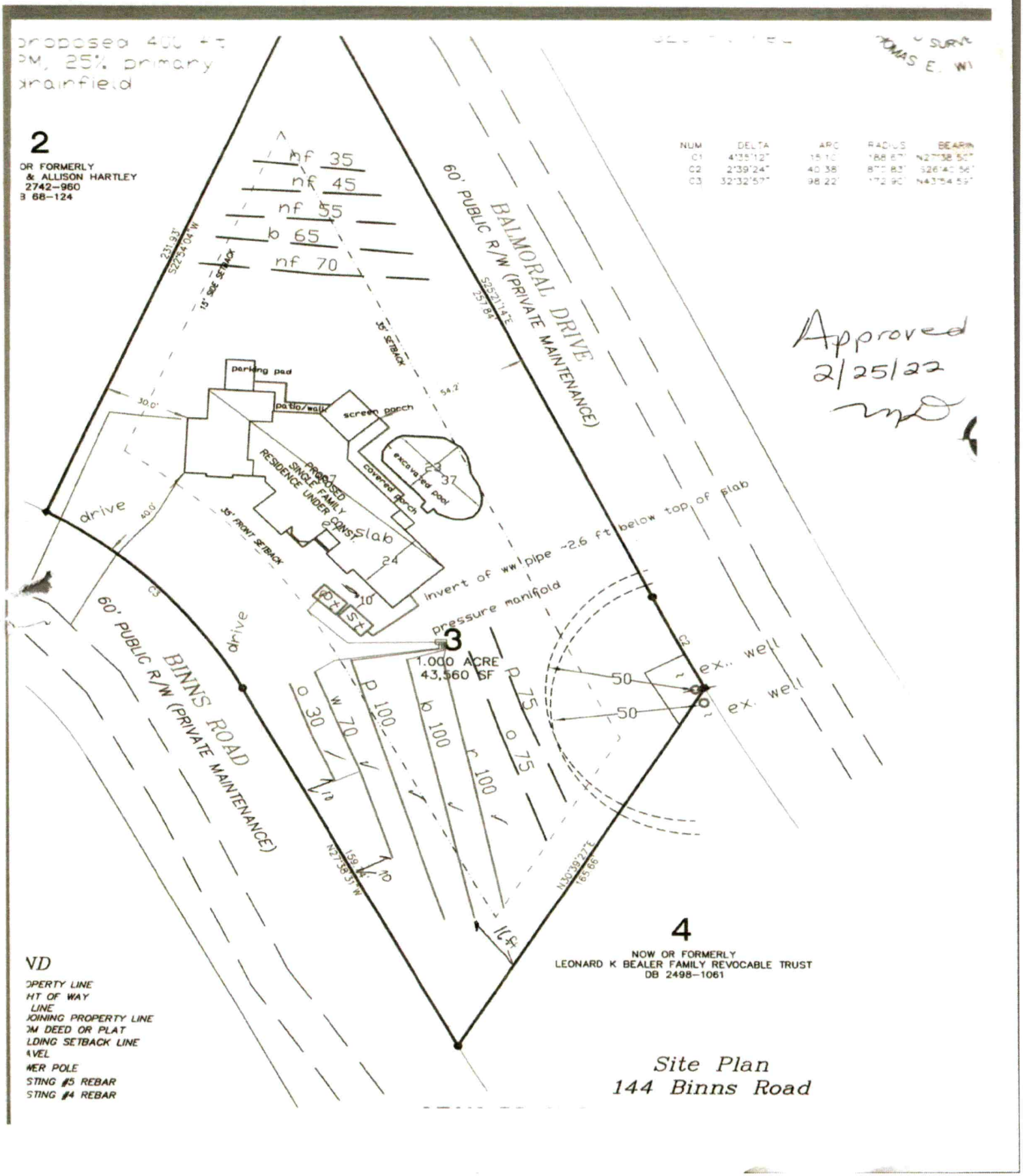
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Owner / Applicant Signature: Rodeen FOR KENNETH BEALER HOMES | Date: 3/2/2022 | Installed by: Steve Jordan

IMPROVEMENT PERMIT by: Maria Dotson | Date: 2/25/22 | OPERATION PERMIT by: | Date:

AUTHORIZATION TO CONSTRUCT by: Maria Dotson | Date: 3/2/22 | Existing System Inspected by: | Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.


proposed 400 sf
PM, 25% primary
drainfield
2
OR FORMERLY
& ALLISON HARTLEY
2742-960
B 68-124
nf 35
nf 45
nf 55
b 65
nf 70
231.93'
S22°54'04"W
15' SIDE SETBACK
35' SETBACK
60' PUBLIC R/W (PRIVATE MAINTENANCE)
BALMORAL DRIVE
S25°21'14"E
251.84'
54.2'
30.0'
parking pad
patio/walk
screen porch
excavated pool
covered porch
PROPOSED SINGLE FAMILY RESIDENCE UNDER CONST.
slab
24
10'
drive
40.0'
35' FRONT SETBACK
C3
60' PUBLIC R/W (PRIVATE MAINTENANCE)
BINNS ROAD
drive
invert of ww pipe ~2.6 ft below top of slab
pressure manifold
3
1.000 ACRE
43,560 SF
P 100
w 70
o 30
b 100
r 100
P 75
o 75
50
50
ex. well
ex. well
C2
N27°58'51"W
159.94'
N30°38'27"E
165.66'
4
NOW OR FORMERLY
LEONARD K BEALER FAMILY REVOCABLE TRUST
DB 2498-1061
NUM DELTA ARC RADIUS BEARIN
C1 4°35'12" 15.10' 188.67' N27°38'50"
C2 2°39'24" 40.38' 870.83' S26°40'56"
C3 32°32'57" 98.22' 172.90' N43°54'59"
Approved
2/25/22
VD
OPERTY LINE
HT OF WAY
LINE
JOINING PROPERTY LINE
M DEED OR PLAT
LDING SETBACK LINE
AVEL
MER POLE
STING #5 REBAR
STING #4 REBAR
Site Plan
144 Binns Road

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 (DW) Mooresville Office (704) 660-3625 (DW) PERMIT # AP 313628

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SUBDIVISION: Leonard K Bealer Family Trust SECTION: LOT # 3 LOT AREA: 1.0 Ac DESIGN FLOW: 480 gpd L.T.A.R.: .3 Int

Septic Tank	1000 (gal)	STB	Date	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms	4	Water Supply
Pump Tank	1000 (gal)	PT	Date	System Description:	Pump-pm-25% Reduction			☐ Business	No. Persons	8	☒ Private
Pump Make		Model	Serial #	Repair System Description:	PPBPS			☐ Other	No. Employees		☐ Public
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Trench Width	36"	Trench Bottom Depth (Low side) max	36" Gravel Depth N/A		☐ GRAVITY	☒ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing		

Comments / Conditions: ~~A~~ Have Road Right of way marked at time of Septic Installation) 2" supply line 2ft pressure Use 1/2" sch 40 taps 7.11 gpm per tap 28.44 gpm

Direct Surface / Storm water away from Septic

~~X~~ Keep Septic at least 50' to well & 15ft from pool

INITIAL SITE SKETCH

Dose volume 175 gallons Pump run 6.2 minutes 8.33" d.raw down

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AS BUILT SKETCH

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Owner / Applicant Signature: K Rodeen FOR KENNETH BEALER HOMES Date: 3/2/2022 Installed by:

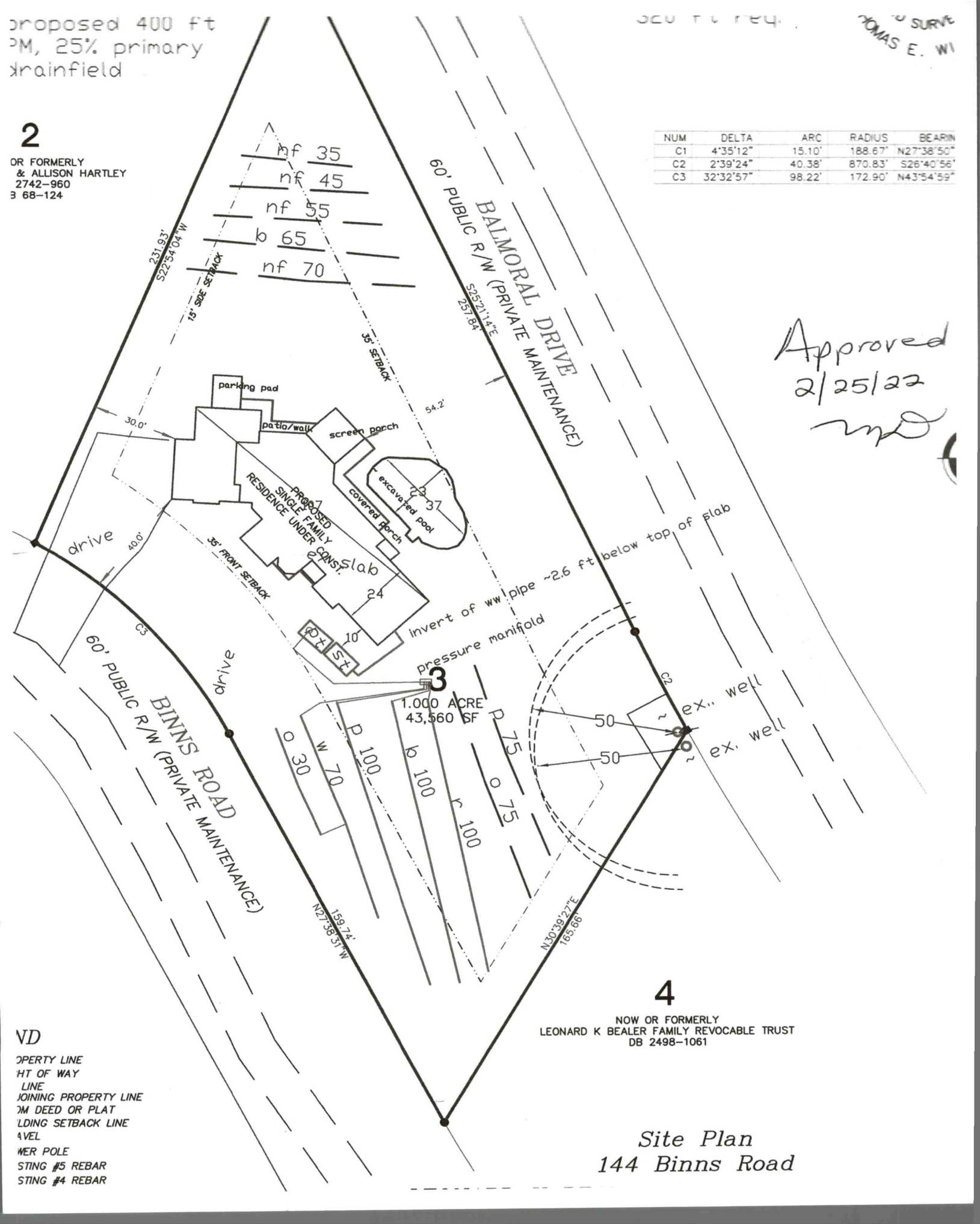
IMPROVEMENT PERMIT by: Maria Dotson Date: 2/25/22 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Maria Dotson Date: 3/2/22 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	



NUM	DELTA	ARC	RADIUS	BEARIN
C1	4°35'12"	15.10'	188.67'	N27°38'50"
C2	2°39'24"	40.38'	870.83'	S26°40'56"
C3	32°32'57"	98.22'	172.90'	N43°54'59"