# IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 239000

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

PIN # 4625570747

APPLICANT/OWNER: Robert Larsen | APPLICANT ADDRESS: 109 Hunter Spring Ln.

SITE ADDRESS: 109 Hunter Spring Ln. Mooresville, NC 28117 | PHONE: 828-455-9052 | ALT. PHONE: ——

SITE DIRECTIONS: Brawley School Rd → R on Bay Harbour → L on Lake Mist → R on Hunter Spring → lot on L | SAP CONTROLLED: ☐ YES ☐ NO

SUBDIVISION: The Harbour | SECTION: 2 | LOT # 31 | LOT AREA: .52ac | DESIGN FLOW: 480gpd | L.T.A.R.: ——

EXISTING

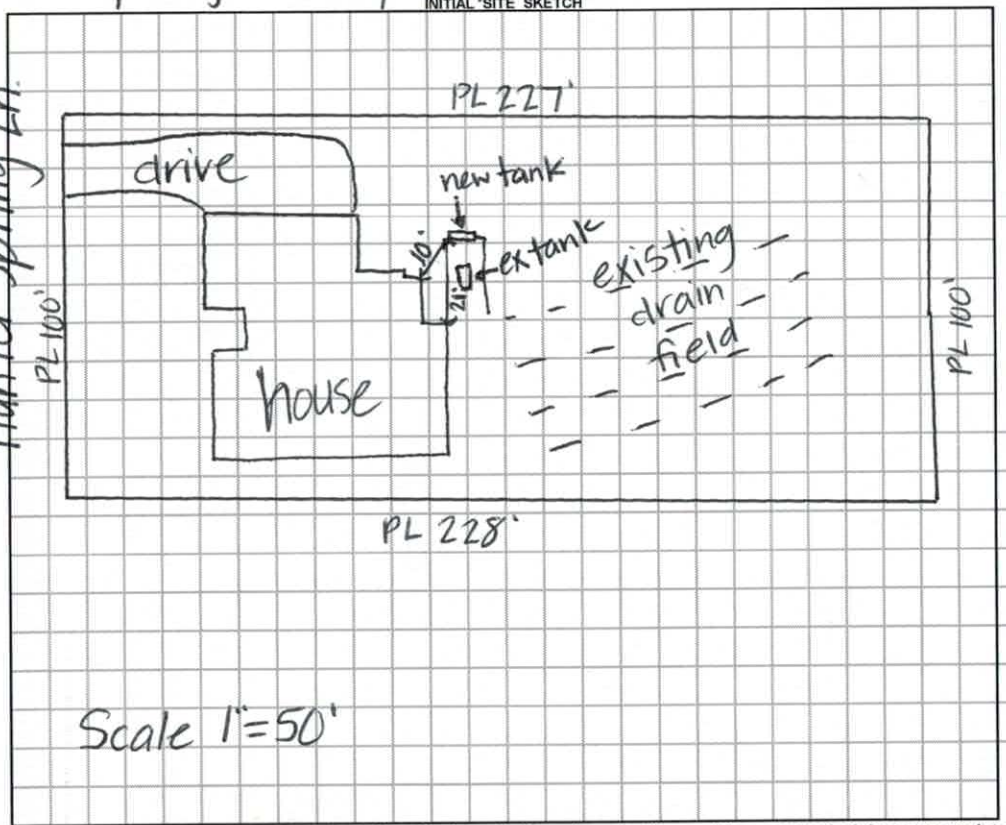
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 (gal) | STB | 760 | Date | 7-10 | ☐ New System ☑ Repair ☐ Expansion | System Type: I II (III) IV V VI |
| Pump Tank | (gal) | PT | | Date | | System Description: | |
| Pump Make | | Model | | Serial # | | Repair System Description: | tank replacement |
| # Nitrification Fields | | # Lines | | Linear Ft | | Maintenance Agreement Required: | ☐ YES ☑ NO |
| Trench Width | | Trench Bottom Depth (Low side) | | Gravel Depth | | ☑ GRAVITY | ☐ PRESSURE |

☑ Residence — No. Bedrooms: 4
☐ Business — No. Persons: 8
☐ Other — No. Employees:
☐ Slab — ☑ Crawl Space
☐ Basement w/plumbing — ☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☑ Community

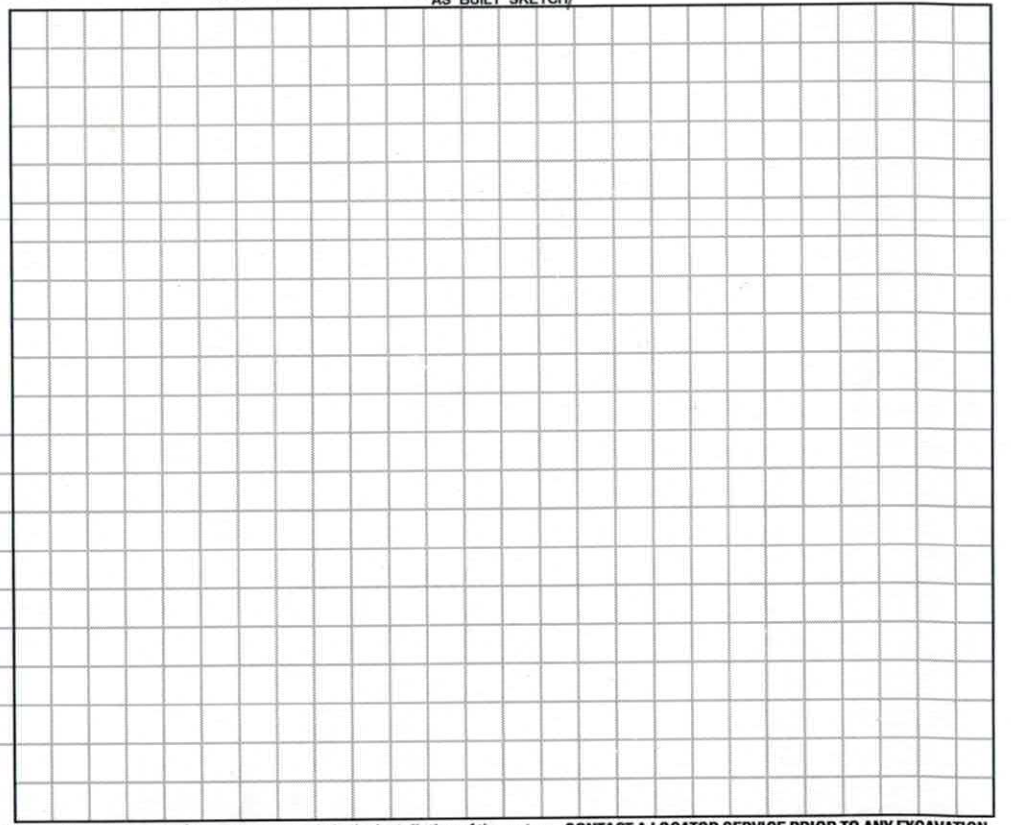
Comments / Conditions: Pump, crush, and fill existing tank. Maintain a minimum of 10' from house when installing new tank. Only 1000 gal tank required, however check with HOA to meet their requirements (may need 1500 gal tank).

INITIAL SITE SKETCH




AS BUILT SKETCH

ST bet from house
Installed New dist box



*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: Robert G Larsen | Date: 9/25/18 | Installed by: Lentz Wastewater

IMPROVEMENT PERMIT by: Kayla Wilson | Date: 9-25-18 | OPERATION PERMIT by: Mario Dotson | Date: 10/5/18

AUTHORIZATION TO CONSTRUCT by: Kayla Wilson | Date: 9-25-18 | 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.**

239000

# IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

*APPLICATION FORM*

**Application For:** ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment ( ) Septic Improvement Permit ( ) Authorization to Construct ( ) Existing System Inspection ( X ) 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:** (X) Survey Plat, scaled no more than 1 inch = 60 feet

*Place an (X) beside whichever is submitted if applicable* ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

**Applicant Information:** (PRINT CLEARLY)

Applicant Name: ROBERT LARSEN Address: 109 HUNTER SPRING LN Zip: 28117
Applicant Email: LARSENBA@AOL.COM Phone: 828 455 9052 Alt. Phone: —
Owner Name: ROBERT LARSEN Address: 109 HUNTER SPRING LN Zip: 28117
Owner Email: LARSENBA@AOL.COM Phone: 828 455 9052 Alt. Phone: —

**Property Information:**

Street Address: 109 HUNTER SPRING LN

Subdivision Name: THE HARBOUR Section/Phase: _____ Lot Number: _____

Driving Directions: BRADLEY SCHOOL Rd → LEFT ON BAY HARBOR → RIGHT ON LAKE MIST DRIVE → RIGHT ON HUNTER SPRING LN

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

**TYPE** **CHECK FOUNDATION**

( ) New Single Family Residence Maximum Number of Bedrooms: 4 (X) Crawl Space Foundation ( ) New Multi-Family Residence Maximum Number of Occupants: 2 ( ) Concrete Slab Foundation

( ) Accessory Building ( ) Swimming Pool ( ) Basement with Plumbing

( ) Bedroom(s) Addition ( ) Other Addition/Structure: _____ ( ) Basement without Plumbing

(X) Repair to failing septic system (X) Tank ___ Drain lines Describe Problem: TANK LEAKING

**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 ( ) Community Well ( ) City Water ( ) Other Public Water

**Desired Septic System Type:** *(you may rank in order of preference)* Year existing system installed: 1998

( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: _____

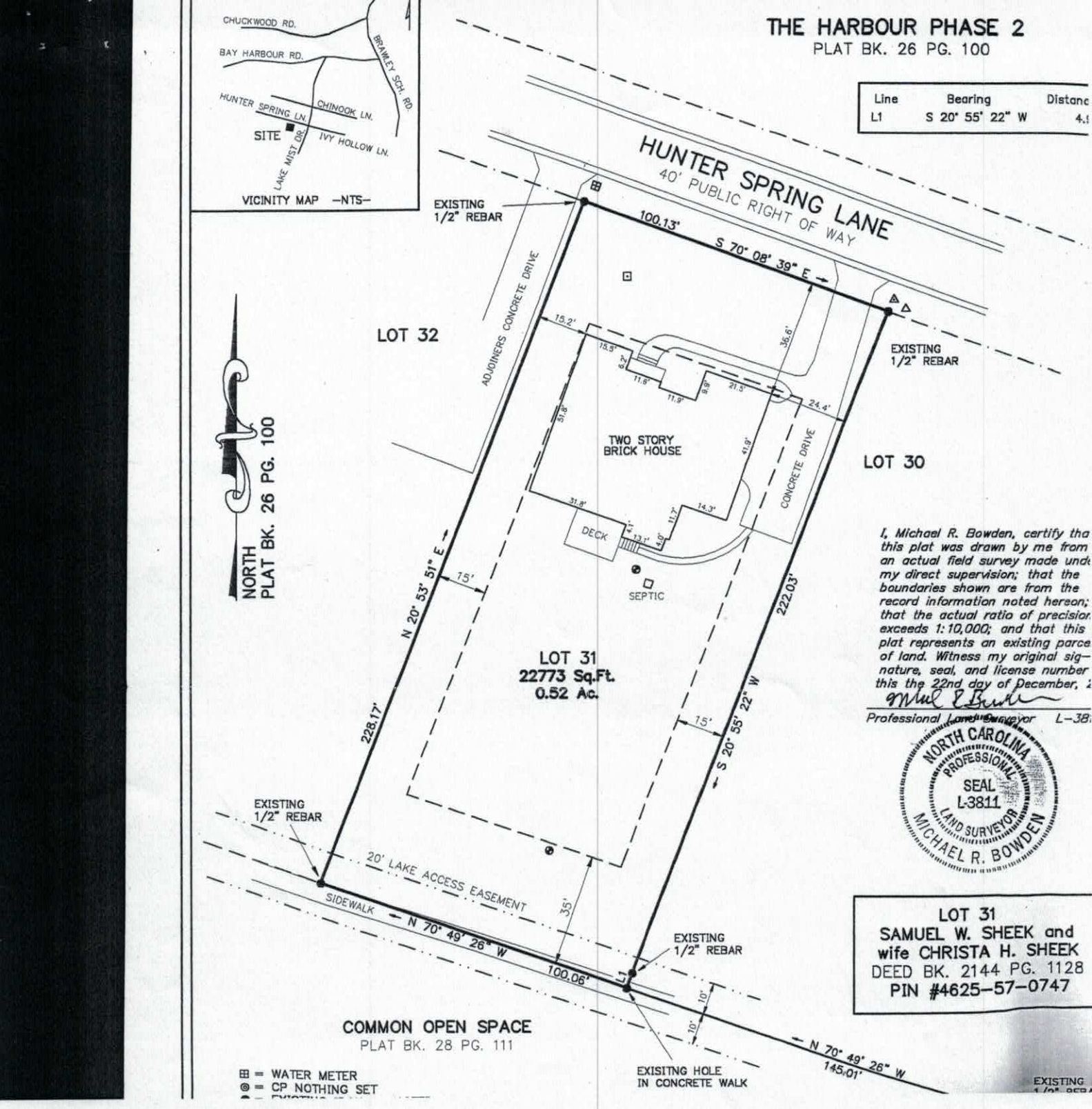
**Please answer the following to the best of your ability:**

( ) 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*


THE HARBOUR PHASE 2
PLAT BK. 26 PG. 100
Line Bearing Distanc
L1 S 20° 55' 22" W 4.
HUNTER SPRING LANE
40' PUBLIC RIGHT OF WAY
VICINITY MAP -NTS-
CHUCKWOOD RD.
BAY HARBOUR RD.
BRAMLEY SCH. RD.
HUNTER SPRING LN.
CHINOOK LN.
SITE
IVY HOLLOW LN.
LAKE MIST DR.
EXISTING 1/2" REBAR
100.13'
S 70° 08' 39" E
ADJOINERS CONCRETE DRIVE
LOT 32
15.2'
36.6'
EXISTING 1/2" REBAR
13.5'
6.2'
11.8'
11.9'
9.9'
21.5'
24.4'
31.8'
TWO STORY BRICK HOUSE
41.9'
CONCRETE DRIVE
LOT 30
31.8'
14.3'
11.7'
DECK
4.1'
13.1'
4.6'
SEPTIC
NORTH
PLAT BK. 26 PG. 100
15'
N 20° 53' 51" E
228.17'
LOT 31
22773 Sq.Ft.
0.52 Ac.
222.03'
S 20° 55' 22" W
15'
I, Michael R. Bowden, certify tha
this plat was drawn by me from
an actual field survey made und
my direct supervision; that the
boundaries shown are from the
record information noted hereon;
that the actual ratio of precisio
exceeds 1:10,000; and that this
plat represents an existing parce
of land. Witness my original sig-
nature, seal, and license number
this the 22nd day of December,
Professional Land Surveyor L-38
NORTH CAROLINA
PROFESSIONAL
SEAL
L-3811
LAND SURVEYOR
MICHAEL R. BOWDEN
EXISTING 1/2" REBAR
20' LAKE ACCESS EASEMENT
SIDEWALK
N 70° 49' 26" W
100.06'
35'
EXISTING 1/2" REBAR
10'
10'
LOT 31
SAMUEL W. SHEEK and
wife CHRISTA H. SHEEK
DEED BK. 2144 PG. 1128
PIN #4625-57-0747
COMMON OPEN SPACE
PLAT BK. 28 PG. 111
EXISITNG HOLE
IN CONCRETE WALK
N 70° 49' 26" W
145.01'
EXISTING
⊞ = WATER METER
◎ = CP NOTHING SET