BLDR 2022 7888

# ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 2022-0572

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

PIN # 4646 -- 23 -- 9425

APPLICANT/OWNER: Helsman Homes | APPLICANT ADDRESS: PO Box 3965 Mooresville 28117

SITE ADDRESS: 134 Continental Dr Mooresville 28117 | PHONE: (980) 500-1251 | ALT. PHONE: —

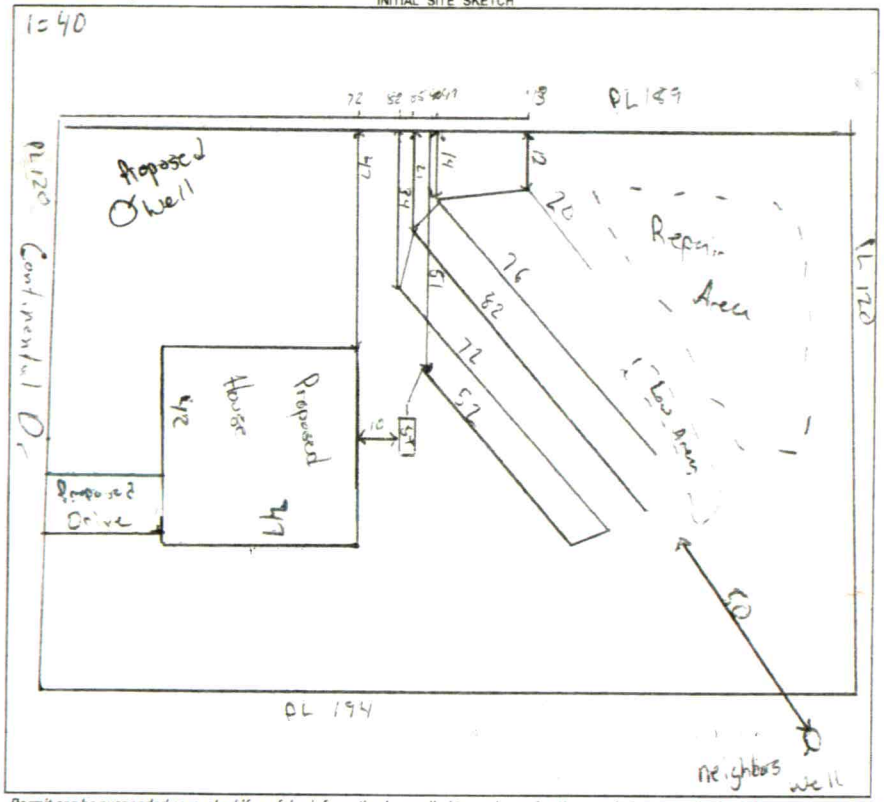
SITE DIRECTIONS: I-77S exit 33, R Williamson Rd, L on Sanderosa Cir, R Continental Dr | SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Lake Norman Bonanza | SECTION: - | LOT # 93 | LOT AREA: .53 AC | DESIGN FLOW: 360 | L.T.A.R.: .3

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 (gal) | STB | 760 | Date | 3/12/23 | ☑ New System | ☐ Repair | ☐ Expansion | System Type: I II III IV V VI | ☑ Residence | No. Bedrooms 3 | Water Supply |
| Pump Tank | (gal) | PT | | Date | | System Description: | Gravity 25% Reduction - Serial | | | ☐ Business | No. Persons 6 | ☑ Private |
| Pump Make | | Model | | Serial # | | Repair System Description: | Repair Exempt | | | ☐ Other | No. Employees | ☐ Public |
| # Nitrification Fields | 1 | # Lines | 5 | Linear Ft | 302 | Maintenance Agreement Required: | ☐ YES | ☑ NO | | ☑ Slab | ☐ Crawl Space | ☐ Community |
| Trench Width | 36-in | Trench Bottom Depth | Max 36-in | Gravel Depth | N/A | | ☑ GRAVITY | ☐ PRESSURE | | ☐ Basement w/plumbing | ☐ Basement w/o plumbing | |

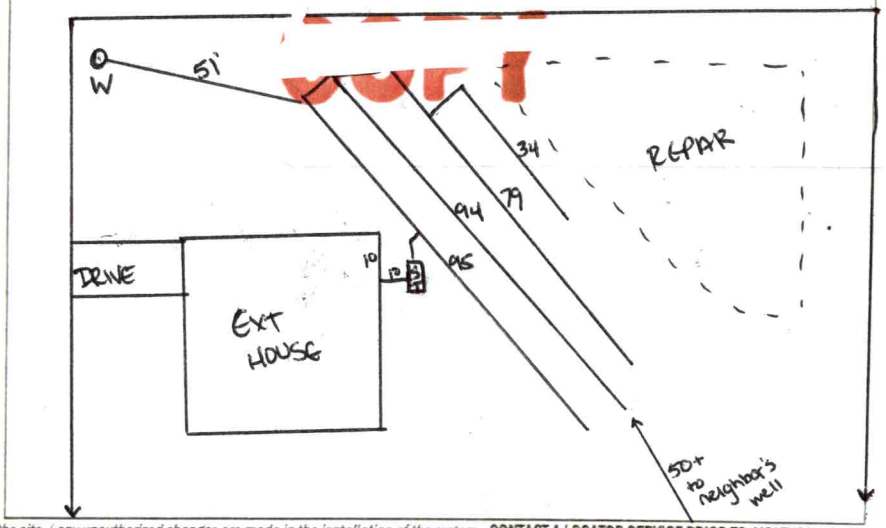
Comments / Conditions: Install on contour with 4ft on center. Do not perk, construct or cut septic area. Lot is repair exempt.

INITIAL SITE SKETCH




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.




*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: Online Signature | Date: | Installed by: Specialty Septic

IMPROVEMENT PERMIT by: [signature] | Date: 9/13/22 | OPERATION PERMIT by: Sarah Bracken | Date: 5/10/23

AUTHORIZATION TO CONSTRUCT by: [signature] | Date: 9/13/22 | Existing System Inspected by: | Date:

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

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 1
PROPERTY ID #: 7646239425
COUNTY: Wake

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

OWNER: Helman Homes
ADDRESS: PO Box 3765 Mooresville 28117
PROPOSED FACILITY:
LOCATION OF SITE: 134 Continental
PROPOSED DESIGN FLOW (.1949):
APPLICATION DATE 8/3/22
DATE EVALUATED: 9-12-22
PROPERTY SIZE: ~.53 AC
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 | SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | OTHER PROFILE FACTORS .1943 SOIL DEPTH | OTHER PROFILE FACTORS .1956 SAPRO CLASS | OTHER PROFILE FACTORS .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | LS 7% | 0-25 | C/SBK | SS-SP-FR-SEXP | — Few rocks @ 32" | 48" | — | — | PS .3 |
| | | 25-48 | CL/ABK | SS-SP-FR-SEXP | | | | | |
| 2 | LS 8% | 0-10 | SCL/GR | SS-SP-FR-SEXP | — | 50" | — | — | PS .3 |
| | | 10-32 | C/SBK | SS-SP-FR-SEXP | | | | | |
| | | 32-50 | CL/SBK | SS-SP-FR-SEXP | | | | | |
| 3 | LS 7% | 0-7 | SCL/GR | | — | 48" | — | — | PS .3 |
| | | 7-30 | C/SBK | SS-SP-FR-SEXP | | | | | |
| | | 30-48 | CL/SBK | SS-SP-FR-SEXP | | | | | |
| 4 | LS 8% | 0-10 | SCL/GR | SS-SP-FR-SEXP | — | 50" | — | — | PS .3 |
| | | 10-34 | C/SBK | SS-SP-FR-SEXP | | | | | |
| | | 34-50 | CL/SBK | SS-SP-FR-SEXP | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | 360 | 360 |
| System Type(s) | 25% | Repair Exempt |
| Site LTAR | .3 | |

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matthew W.
OTHER(S) PRESENT:

COMMENTS:

Updated February 2014

1=40


# DAS DON ALLEN & ASSOCIATES, P.A.

"Since 1971"

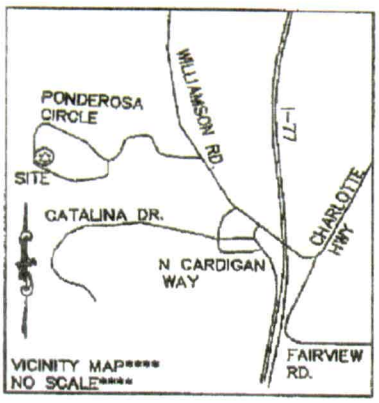
Commercial * Residential * Mortgage Surveys * Multi-Family
Construction Staking * Subdivision Design * Topographical
131 Crosslake Park Drive – Suite 102 * Mooresville * NC * 28117
(704) 664-7029 (704) 664-8041 Fax


I, certify that this map was drawn under my supervision from an actual survey made under my supervision recorded in deed book 1448, page 1943, and/or plat book 7, page 7, that the ratio of precision is 1':10,000, that this map was prepared in accordance with the General Statutes of North Carolina Chapter 89C.

my hand and seal on the 10, day of MARCH,
A.D. 20 22.

WILLIAM M. ALLEN, PLS

NORTH CAROLINA PROFESSIONAL SEAL L-3499 LAND SURVEYOR WILLIAM M. ALLEN




*LOT 81*
*JOYCE P.*
*NEEDHAM*
*2519/559*

*LOT 79 & 80*
*COURTNEY L. &*
*BRIAN T. BROWNEWELL*
*2552/662*

N64°59'00"W — 120.00'

35' REAR

septic

*LOT 93*
*(0.53 AC.)*

15' SIDE

15' SIDE

188.72'

S26°51'15"W

N26°50'20"E — 194.22'

42.5'

THE JIB
ELEV. A

43.9'

25' BLD LINE
PER PB.7 PG.7

CONC WALK

CONC DRIVE

2.0'

well

120.00' — S62°21'05"E

R/W

R/W

*LOT 94*
*BRADLEY H.*
*ANDERSON*
*1717/469*

*LOT 92*
*ALYSON B.*
*REID*
*2575/917*

PB.7 PG.7

CONCRETE CALCULATION:

DRIVE: 513 SQ. FT.
WALK: 73 SQ. FT.
TOTAL: 586 SQ. FT.

*CONTINENTAL DRIVE*