H5

ICHD–ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 234696

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

PIN # 4676604557

APPLICANT/OWNER: True Homes LLC | APPLICANT ADDRESS: 1649 Brekonridge Center Dr. Monroe NC 28110

SITE ADDRESS: 126 Brawley Woods Ln Mooresville NC 28115 | PHONE: 980-313-3316 | ALT. PHONE

SITE DIRECTIONS: NC 3 N to L on Williford Rd, R on Linwood Rd, L on Brawley Woods Ln, Lot on R | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Brawley Woods | SECTION: 2 | LOT # 20 | LOT AREA: 1.096 acres | DESIGN FLOW: 480 GPD | L.T.A.R.: .25 (.1 Repair)

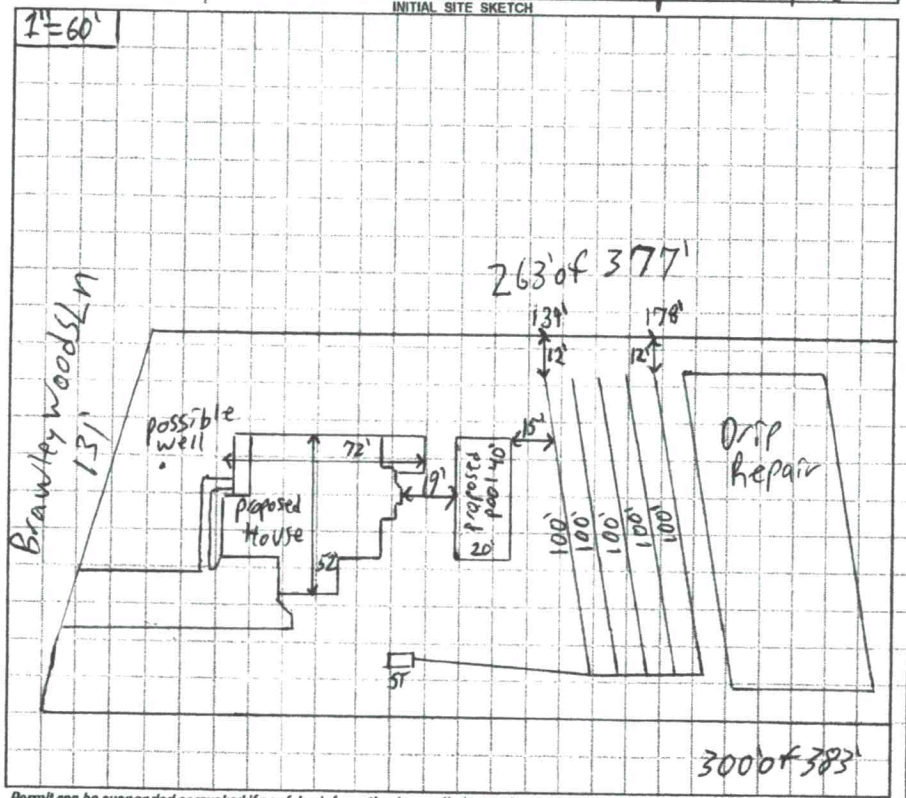
Septic Tank	1000	(gal)	STB		Date		☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	—	(gal)	PT	—	Date	—	System Description:	Gravity 25% Reduction			
Pump Make	—	Model		—	Serial #	—	Repair System Description:	Drip			
# Nitrification Fields	1	# Lines	5		Linear Ft	480'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36"	Trench Bottom Depth(Low side)	20/24" high side		Gravel Depth	—		☒ GRAVITY	☐ PRESSURE		

☒ Residence	No. Bedrooms	4	Water Supply		
☐ Business	No. Persons	8	☒ Private		
☐ Other	No. Employees		☐ Public		
☐ Slab	☒ Crawl Space		☐ Community		
☐ Basement w/plumbing			☐ Basement w/o plumbing		

Comments / Conditions: Install lines on contour. Do Not Drive on, Store material or manipulate rainfield in any way. 500' of Drainline is shown only 480' of Drainlines needed. All parts of septic system must be 15' off waters edge of pool. Pool must be marked during installation and inspection.

INITIAL SITE SKETCH

1"=60'



AS BUILT SKETCH

Installed as Drawn
Tank 50' off House

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: | Date: 9-21-20 | Installed by: S. J. Gaskens

IMPROVEMENT PERMIT by: Patrick J Boyle III | Date: 9/17/2020 | OPERATION PERMIT by: | Date: 12-9-2020

AUTHORIZATION TO CONSTRUCT by: Patrick J Boyle III | Date: 9/17/202 | 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.

To: Iredell County Environmental Health Dep

From: Kathleen Saunders, LSS

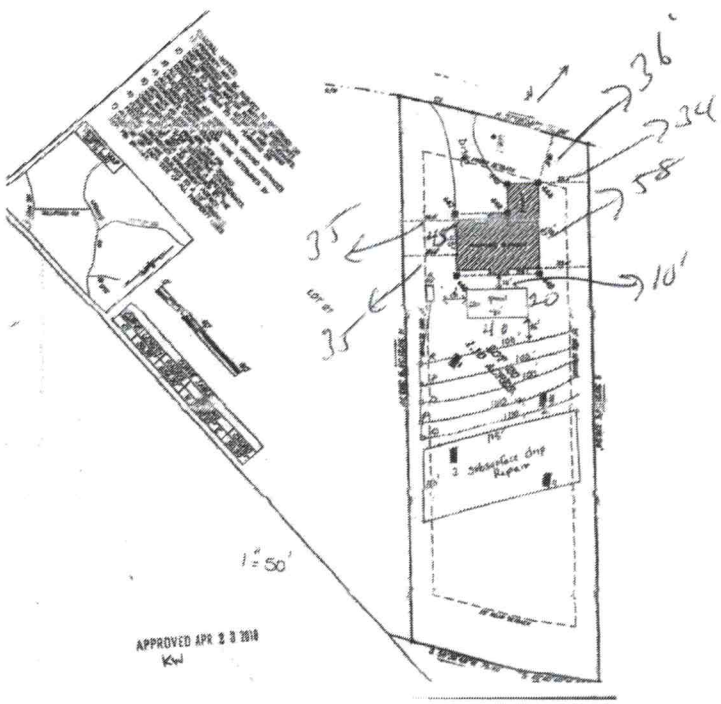
RE: 126 Brawley Woods Lane

Date: April 16, 2018

Attached is the septic specification information required for [illegible]ley Woods Lane [illegible]
Improvement Permit and/or Construction Authorization [illegible]
Review Process.

The attached information is not an [illegible]
assist the ICHD with permitting. The[illegible]
permits. The system should be instal[illegible]s, and repairs
these specifications are in accordance with [illegible] locations, depth
devices, etc they may do so at their discretion

All information and specifications have b[illegible]
for the current lot owners to acquire an[illegible]
lot. It is ultimately the ICHD's responsi[illegible]
permitting and/or septic system install[illegible]



PID 467660[illegible]
SIMON FAMILY REVOCABLE
TRUST
DB 2416 PG 1367

L3

L2

L3

20

47,823 SQ. FT.
1.098 ACRES±

19

PID 467660[illegible]
KENNETH M & SUSAN L
BROWN
MB 65 PG 147
DB 2556 PG 1956

PROPOSED
SEPTIC
FIELD

138.63'

88.61'

376.93'

273.48'

S50°21'34"E

N50°21'01"W

382.74'

40.00'

20.00'

POOL

19.00'

33.41'

39.54'

HVAC

33.40'

DE

8.00'

L1

C1

BRAWLEY WOODS LA
50' PUBLIC R/W

IMPERVIOUS SURFACE AREA

DESCRIPTION	AREA
HOUSE	2,403 SF
DRIVE TO R/W	1,464 SF
FRONT PORCH	110 SF
REAR PORCH	185 SF
LEADWALK	115 SF
HVAC	12 SF
POOL	800 SF
TOTAL LOT AREA	47,823 SF
TOTAL PROPOSED	5,089 SF
SEED/STRAW	42,734 SF
IMPERVIOUS	11%

LOT IS NOT LOCATED WITHIN THE

Brawley Woods Lot 20 Fast Track - The Oaks Group, PA

Number of Bedrooms	4
Basement or Crawl	**Crawl Space**
Design Flow (gpd)	**480**
Primary System LTAR (gpd/ft2)	**0.25**
Primary System Type	**25% Reduction**
No. Lines	5 (See Table)
Total Linear Feet	500
Trench Width	3' min.
Trench Spacing	9' min.
Distribution Device	Drop Boxes or Other
Tank Size	1000 gallon tank
Max Trench Bottom Depth (High Side)	24"
Maintenance Agreement Required	No
Repair System	**Subsurface Drip**
Total Linear Feet	4800 sqft +
Repair Loading Rate	0.1

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)
1	System	Red	25% Reduction	100 endfed
2	System	Pink	25% Reduction	100 endfed
3	System	Orange	25% Reduction	100 endfed
4	System	Pink	25% Reduction	100 endfed
5	System	Orange	25% Reduction	100 endfed
				Total System: 500'
				Total Repair: xxx'

Note: Keep necessary setbacks to foundation drains if used
Tank locations and distribution devices can be altered at ICHD's discretion

APPROVED APR 2 3 2018
KW