ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 | Mooresville Office (704) 660-3625 | SW | 1200

PERMIT : OSWP 2024-54075

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

PIN # 4639-83-6869

APPLICANT/OWNER: Jeanie Lentz | APPLICANT ADDRESS: 463 Lentz Rd, Statesville 28625

SITE ADDRESS: 147 Belfry Rd, Statesville 28117 | PHONE: 612-386-6779 | ALT. PHONE —

SITE DIRECTIONS: Perth Rd, @ Bells Crossing | SAP CONTROLLED: ☐ YES ☐ NO

SUBDIVISION: Bells Crossing | SECTION: 2 | LOT # 92 | LOT AREA: .92 | DESIGN FLOW: 480 | L.T.A.R.(Initial): Ex. | L.T.A.R (Repair): Ex.

EXISTING

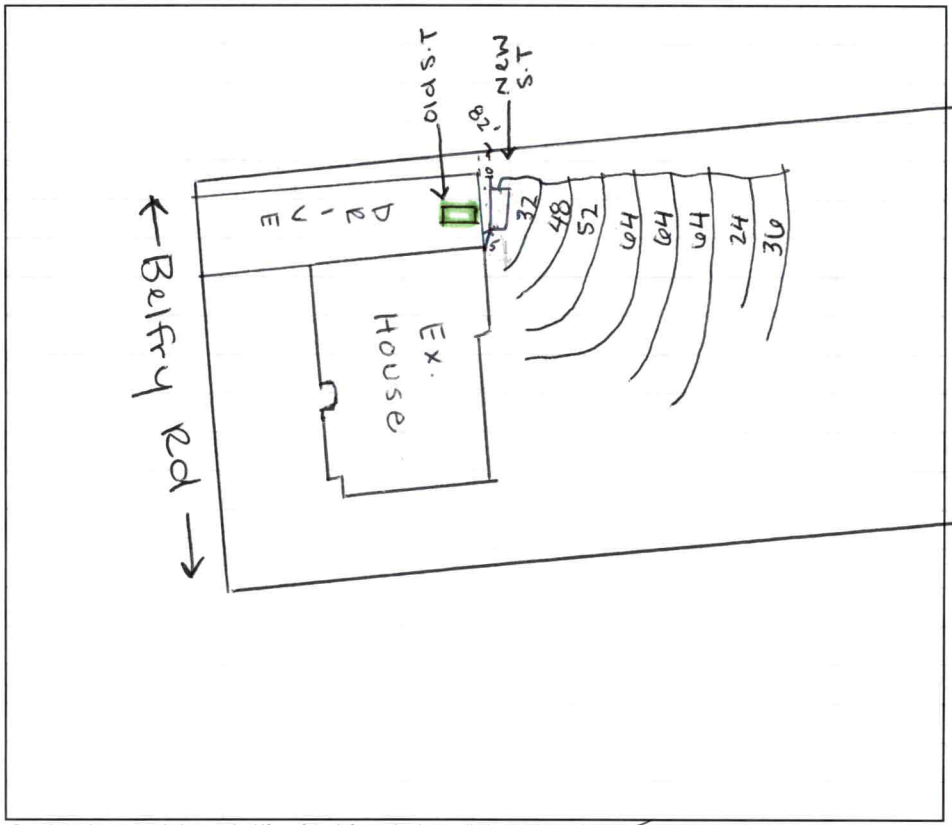
Septic Tank	1000	(gal)	STB	Neo	Date		☐ New System	☑ Repair	☐ Expansion	System Type: I (II) III IV V VI	☑ Residence	No. Bedrooms	4	Water Supply: ☑ Private
Pump Tank		(gal)	PT		Date		System Description:				☐ Business	No. Persons	8	☐ Public
Pump Make			Model		Serial #		Repair System Description:	Tank Replacement			☐ Other	No. Employees		☑ Community
# Nitrification Fields			# Lines		Linear Ft.		Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space		
Trench Width	—		*Max. Trench Depth(Initial)		*Max. Trench Depth(Repair)	—	Gravel Depth	—	☑ GRAVITY	☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing		

* Measured on the downhill side of the trench | Effluent Standard: ☑ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40 | Usable Depth to LC (Initial): Ex. | Usable Depth to LC (Repair): Ex. | *Limiting Condition*

Comments / Conditions: System functioning properly at time of inspection. Replace distribution as needed

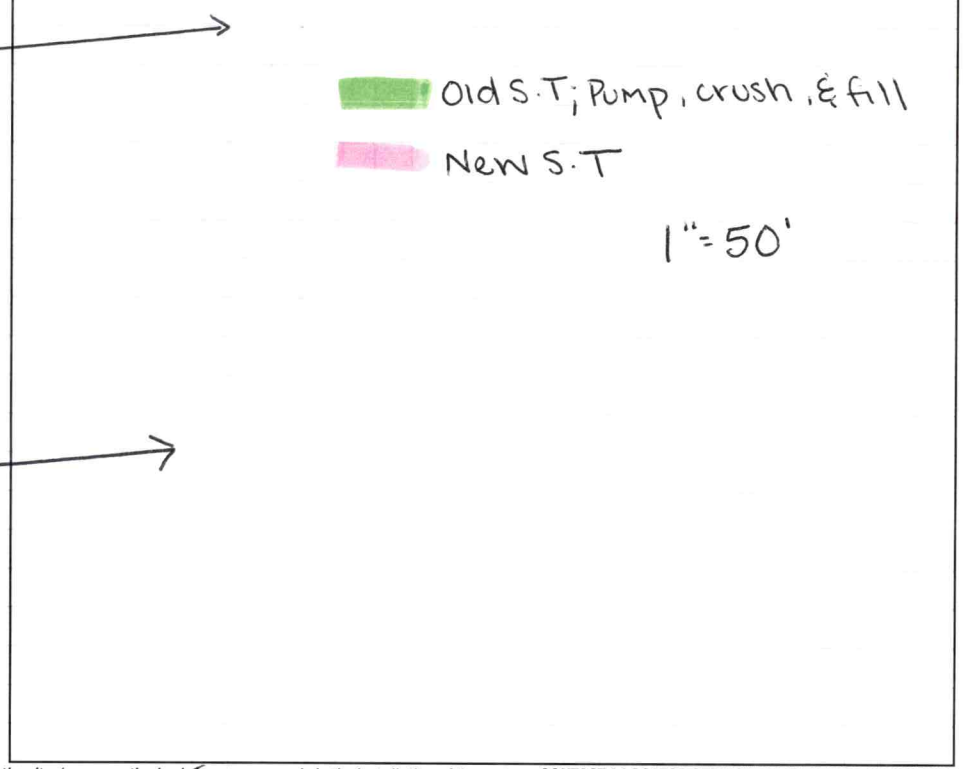
Do not install new tank under driveway.

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 | Date: — | Installed by: Lentz Wastewater

IMPROVEMENT PERMIT by: Sydney Holland | Date: 5/30/24 | OPERATION PERMIT by: D Imeberg | Date: 6/17/24

AUTHORIZATION TO CONSTRUCT by: Sydney Holland | Date: 6/3/24 | Existing System Inspected by: | Date:

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? _____	

IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 152560

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

PIN # 4639836869

APPLICANT: MERITAGE HOMES of CAROLINAS APPLICANT ADDRESS: 7761 BALLANTYNE COMMONS PKWY 103 CHARLOTTE NC 28277

SITE ADDRESS: 147 BELFRY LOOP MOORESVILLE NC 28117 PHONE: ALT. PHONE: MATT 919 422 2827

SITE DIRECTIONS: PERTH (N) - TL BELLS XING - TL BELFRY - ON LT

SUBDIVISION: BELLS XING SECTION: LOT # 92 LOT AREA: .92 AC DESIGN FLOW: 480 L.T.A.R.: .3

Septic Tank 1000 (gal) STB Date
Pump Tank (gal) PT Date
Pump Make Model Serial #
Nitrification Fields 1 # Lines 9 Linear Ft: 419
Trench Width 36" Max. Trench Bottom Depth 36" Gravel Depth N/A

☑ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI
System Description: GRAVITY 25% REDUCTION
Repair System Description: UPPERS - OFFSITE
Maintenance Agreement Required: ☐ YES ☑ NO
☑ GRAVITY ☐ PRESSURE

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

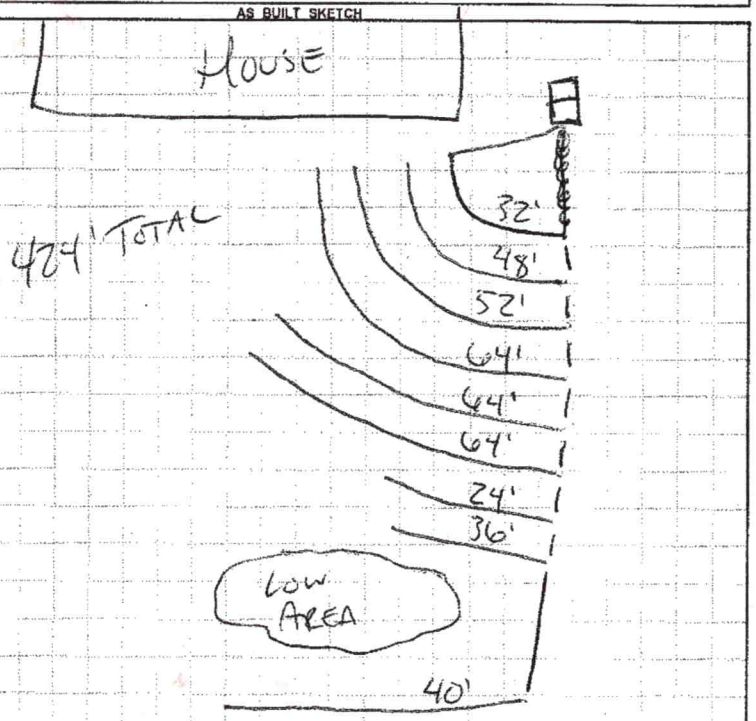
Water Supply: ☐ Private ☐ Public ☑ Community

Comments / Conditions: DO NOT ISSUE A/C UNTIL EASEMENT AREAS ARE PROPERLY RECORDED.

INITIAL SITE SKETCH

SEE BATEMAN CIVIL SURVEY COMPANY'S DESIGN.

AS BUILT SKETCH



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: 7-30-13 Installed by: CPL

IMPROVEMENT PERMIT by: Date: 7/25/13 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Date: 12-6-13 Existing System Inspected by: Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK

LOT 92 BELLS CROSSING

4–BEDROOM INNOVATIVE GRAVITY SYSTEM
WITH DROP BOXES 419' OF LINE
LINES 1–9
EZFLOW OR CHAMBER 25% REDUCTION
LTAR 0.3

4–BEDROOM LPP FED PANEL BLOCK
REPAIR
LINES 10–13 (366') OF LINE
LTAR 0.3

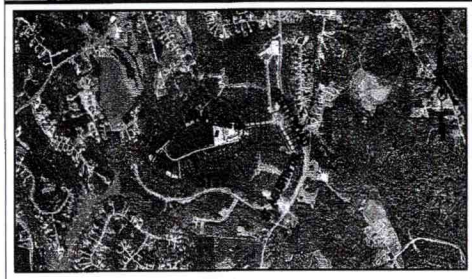
FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

NOTE:
SOIL EVALUATIONS WERE CONDUCTED BY
JASON HALL WITH CENTRAL CAROLINA
SOIL CONSULTING PLLC
329 S. WHITE STREET
WAKE FOREST, NC 27588

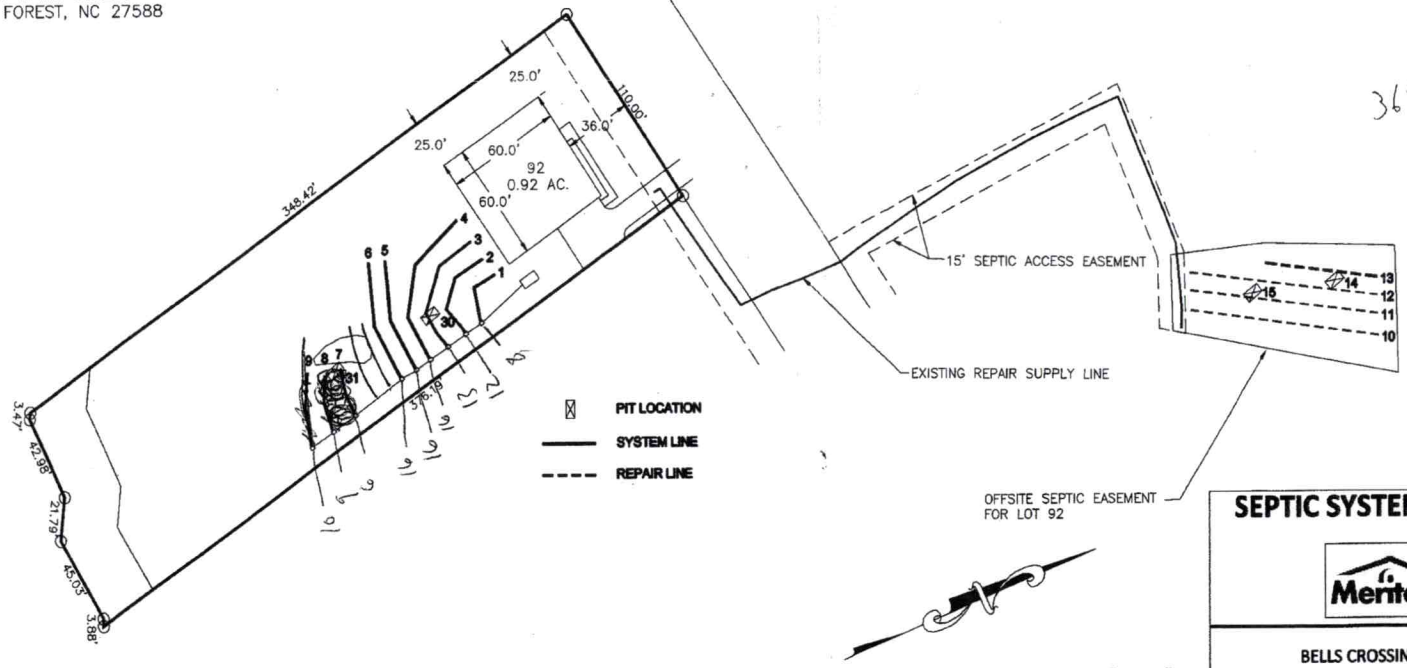
LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	PINK	1.9	30
2	RED	3.0	48
3	ORANGE	4.7	61
4	BLUE	7.1	70
5	PINK	8.8	55
6	RED	10.5	55
7	YELLOW	14.8	25
8	BLUE	16.8	35
9	PINK	18.6	40
10	ORANGE	7.3	102
11	RED	7.8	102
12	YELLOW	8.4	102
13	PINK	8.8	60

Bateman Civil Survey Company
Engineers • Surveyors • Planners
200 N. Main Street, Holly Springs, NC 27540 Ph: 919.577.1080 Fax: 919.577.1091
www.batemancivilsurvey.com info@batemancivilsurvey.com
NCBELS Firm No. C-2378



VICINITY MAP
(Not to Scale)



36" Need Pit

SEPTIC SYSTEM LAYOUT - LOT 92

FOR

MeritageHomes

BELLS CROSSING PHASE ONE LOT 91
MOORESVILLE, IREDELL COUNTY

DATE: 05/30/13 DRAWN BY: TMB CHECKED BY: TMB

SCALE: 1" = 60 ft