ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 MW | PERMIT # AP 2022-4857

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

PIN # 4635 -- 05 -- 7506 ✓

APPLICANT/OWNER: Gary McNeely | APPLICANT ADDRESS: 2630 Statesville Blvd, Salisbury

SITE ADDRESS: 176 Chatham Rd, Mooresville 28115 ✓ | PHONE: 704-310-1832 | ALT. PHONE: –

SITE DIRECTIONS: Brawley School - Chatham | SAP CONTROLLED: ☐ YES ☐ NO

SUBDIVISION: The Point on Norman ✓ | SECTION: | LOT # 6 ✓ | LOT AREA: 0.87 acres ✓ | DESIGN FLOW: 480 gpd | L.T.A.R.: EX

Septic Tank	1500	(gal)	STB		Date		☒ New System	☐ Repair	☐ Expansion	System Type: I II III (IV) V VI	
Pump Tank	1500	(gal)	PT		Date		System Description:	Relocating Tanks (PPBPS)			
Pump Make			Model		Serial #		Repair System Description:	LP PPBPS			
# Nitrification Fields	EX		# Lines	EX	Linear Ft	EX	Maintenance Agreement Required:	☒ YES	☐ NO		
Trench Width	EX		Trench Bottom Depth(Low side)	EX	Gravel Depth	EX		☐ 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: Purpose of this permit is to relocate tanks for pool. Pump, crush, & fill old septic tanks.

INITIAL SITE SKETCH

See attached by MA&A

approved by ICHD 10/6/22

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.

Checked MW

Head Pressure 2/9/23

flouts 2/9/23

DW checked Tanks

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: 10/7/22 | Installed by: Greenway Solution

IMPROVEMENT PERMIT by: Cory Hill | Date: 10/6/22 | OPERATION PERMIT by: MA MW | Date: 2/9/23

AUTHORIZATION TO CONSTRUCT by: Cory Hill | Date: 10/6/22 | 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? _____	

MA&A
SOIL & ENVIRONMENTAL CONSULTANTS

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
556 Walden Trail
Weddington, NC 28173
(704) 576-3887
9/12/2022

CW
10/6/22

Reference: Data Sheet for 176 Chatham Rd, The Point 1B, Lot 6
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side, 50' lake
Water Source: Community well
Number of Bedrooms/Daily Flow: 4/480 GPD
LTAR: 0.3 GPD/FT^2 (ICHD)
Existing System Type: PPBPS
Proposed Repair System Type: PPBPS
Distribution: Low Pressure - CVB
Flow per Orifice: 0.59 GPM - Existing
Orifice Size: 3/16" – Existing (ICHD)
System Flow: Existing
Dosing Volume: Existing
Pump Run Time: Existing
Elevation Head: Existing
Friction Head: Existing
Pressure Head: Existing
Total Dynamic Head: Existing
Supply Line Length: Existing
Septic/Pump Tank Size: 1500/1500 gallons (New)
Proposed Trench Bottom: Existing

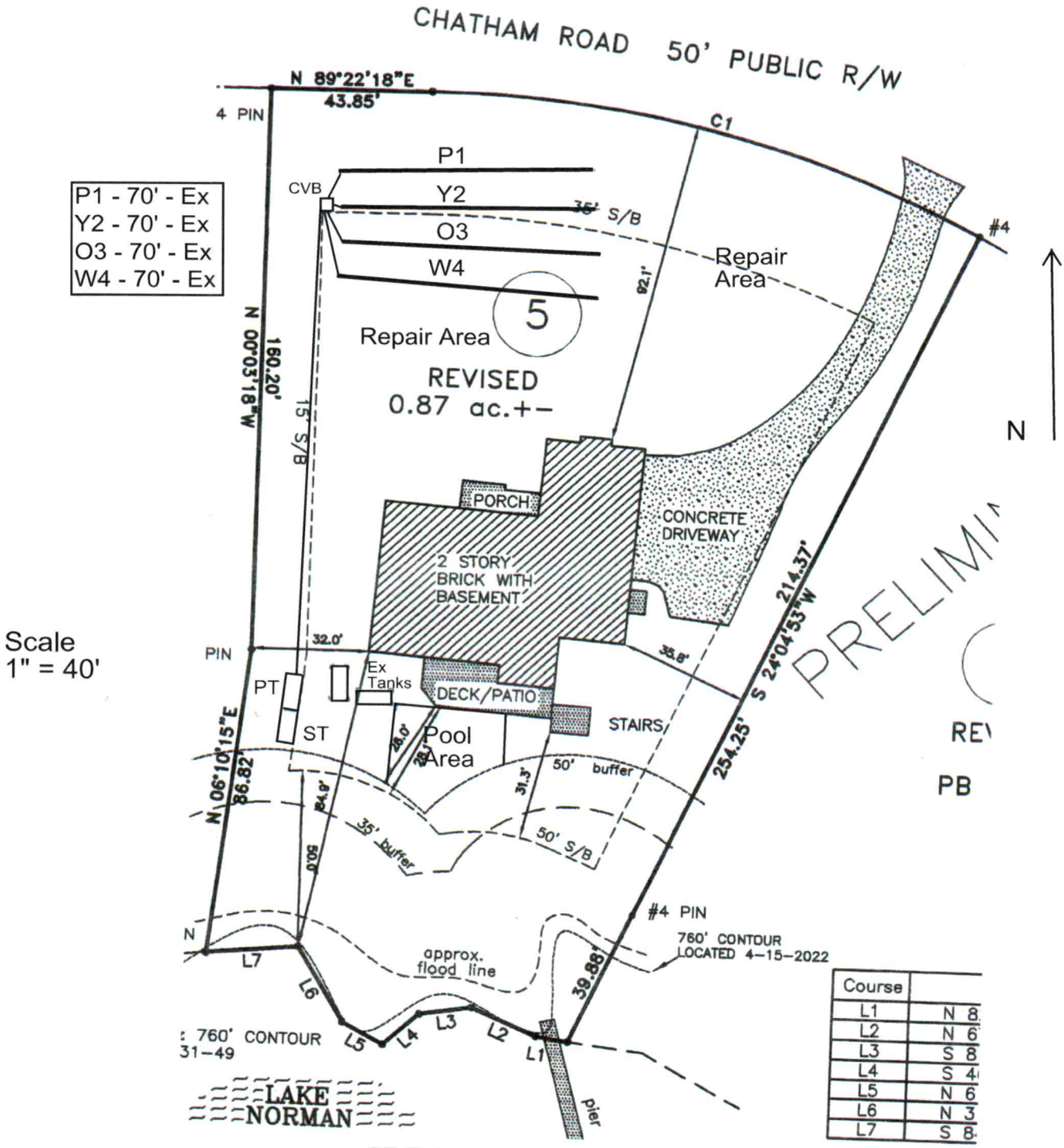


Line	Design Length	Actual Length	Elevation
Pink 1	**70'**		
Yellow 2	**70'**		
Orange 3	**70'**		
White 4	**70'**		

Initial System: 280' (existing) **Repair System:** As Permitted
Pump Tank: N/A **House Corner:** N/A **Benchmark:** N/A

Comments:
MA&A are replacing the septic and pump tanks to make room for a pool. The new tanks will be 10' off the property line. The existing septic line and the repair area will remain unchanged.

Please note this design is only intended for the use of two people per bedroom for a total design flow of 480 GPD and a total occupancy of 8 people. It is intended for residential use only, no commercial use. Please note once a septic system reaches 80% of the designed flow you are reaching the maximum ability of the septic system. Additional occupancy could lead to premature failure of the septic system.


CHATHAM ROAD 50' PUBLIC R/W
N 89°22'18"E
43.85'
4 PIN
C1
#4
P1
Y2
O3
W4
CVB
35' S/B
Repair Area
92.1'
5
Repair Area
REVISED
0.87 ac.+-
P1 - 70' - Ex
Y2 - 70' - Ex
O3 - 70' - Ex
W4 - 70' - Ex
N 00°03'18"W
160.20'
15' S/B
N
PORCH
CONCRETE DRIVEWAY
2 STORY BRICK WITH BASEMENT
214.37'
S 24°04'53"W
254.25'
PRELIMI
REV
PB
Scale
1" = 40'
PIN
32.0'
PT
Ex Tanks
DECK/PATIO
STAIRS
ST
Pool Area
38.8'
48.0'
28.3'
50' buffer
31.3'
N 06°10'15"E
86.82'
84.9'
35' buffer
50.0'
50' S/B
#4 PIN
760' CONTOUR
LOCATED 4-15-2022
approx. flood line
39.88'
L7
L6
L5
L4
L3
L2
L1
760' CONTOUR
31-49
LAKE NORMAN
pier
Course
L1 N 8
L2 N 6
L3 S 8
L4 S 4
L5 N 6
L6 N 3
L7 S 8

CW
10/6/22