BCW

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 315223

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

PIN # 4628-43-6063

APPLICANT/OWNER James M. Perry APPLICANT ADDRESS 191 Plantation Drive Mooresville NC 28117

SITE ADDRESS 191 Plantation Drive Mooresville NC 28117 PHONE ALT PHONE

SITE DIRECTIONS Hwy 150 @ Pinnacle Shores Drive @ Plantation Located in the Cul de Sac SAP CONTROLLED ☐ YES ☒ NO

SUBDIVISION Pinnacle Shores SECTION 1 LOT # 74 LOT AREA 1.17 Ac DESIGN FLOW 480 L.T.A.R. .3

Septic Tank	1000	(gal)	STB 760	Date 3/18/23	☒ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI	☒ Residence	No. Bedrooms	4	Water Supply
Pump Tank	1000	(gal)	PT 363	Date 3/19/23	System Description PM-25% Reduction	☐ Business	No. Persons	8	☐ Private
Pump Make			Model	Serial #	Repair System Description: PM-25% Reduction	☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines	4	Linear Ft 400	Maintenance Agreement Required: ☐ YES ☒ NO	☐ Slab	☐ Crawl Space		☒ Community
Trench Width	36	Trench Bottom Depth	29 inches	Gravel Depth -	☐ GRAVITY ☒ PRESSURE	☒ Basement w. plumbing		☐ Basement w/o plumbing	

Comments, Conditions * Pressure manifold to be 10ft from Property Line *

Pump line underground easement located 12/13/21
Offsite Dist. 25, 183
Lookout 965 3018

INITIAL SITE SKETCH

This permit is issued pursuant to Section 11 . (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by:

Thompson Environmental Consulting

LSS # 1287 . Dated Feb 22, 2021

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

Tanks MW 5/9/23
* re-marked up to ~10ft

BCW 6-13-2023 P.M - 4½ SCH80
PRESSURE HEAD
FLOATS
Lines STH 5/10
Alarm } STH
electrical } 11/16/23

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 3/30/2021 Installed by Ground Breakers

IMPROVEMENT PERMIT by Benjamin A Rattz Date 3/25/2021 OPERATION PERMIT by Sydney Holland Date 11/16/23

AUTHORIZATION TO CONSTRUCT by: Date 12/6/21 Existing System Inspected by: Date

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

BCW

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 315223

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

PIN # 4628-43-6063

APPLICANT/OWNER: James M. Perry APPLICANT ADDRESS: 191 Plantation Drive Mooresville NC 28117

SITE ADDRESS: 191 Plantation Drive Mooresville NC 28117. PHONE: ALT. PHONE

SITE DIRECTIONS: Hwy 150 & Pinnacle Shores Drive & Plantation Located in the Cul de Sac SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Pinnacle Shores SECTION: 1 LOT # 74 LOT AREA: 1.17 Ac DESIGN FLOW: 480 L.T.A.R.: .3

Septic Tank	1000	(gal)	STB	Date	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms	4	Water Supply
Pump Tank	1000	(gal)	PT	Date	System Description: PM-25% Reduction				☐ Business	No. Persons	8	☐ Private
Pump Make			Model	Serial #	Repair System Description: PM-25% Reduction.				☐ Other	No. Employees		☐ Public
# Nitrification Fields	1	# Lines	4	Linear Ft: 400	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☐ Crawl Space		☒ Community
Trench Width	36	Trench Bottom Depth	29 inches	Gravel Depth		☐ GRAVITY	☒ PRESSURE		☒ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: * Pressure manifold to be 10ft from Property Line *

Pumpline - unrecorded easement Emailed 12/13/21
Offsite: Plat 25, 183
Language: 965, 898

INITIAL SITE SKETCH

This permit is issued pursuant to Section 11 . (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by:

Thompson Environmental Consulting

LSS # 1287 Dated: Feb 22, 2021

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**

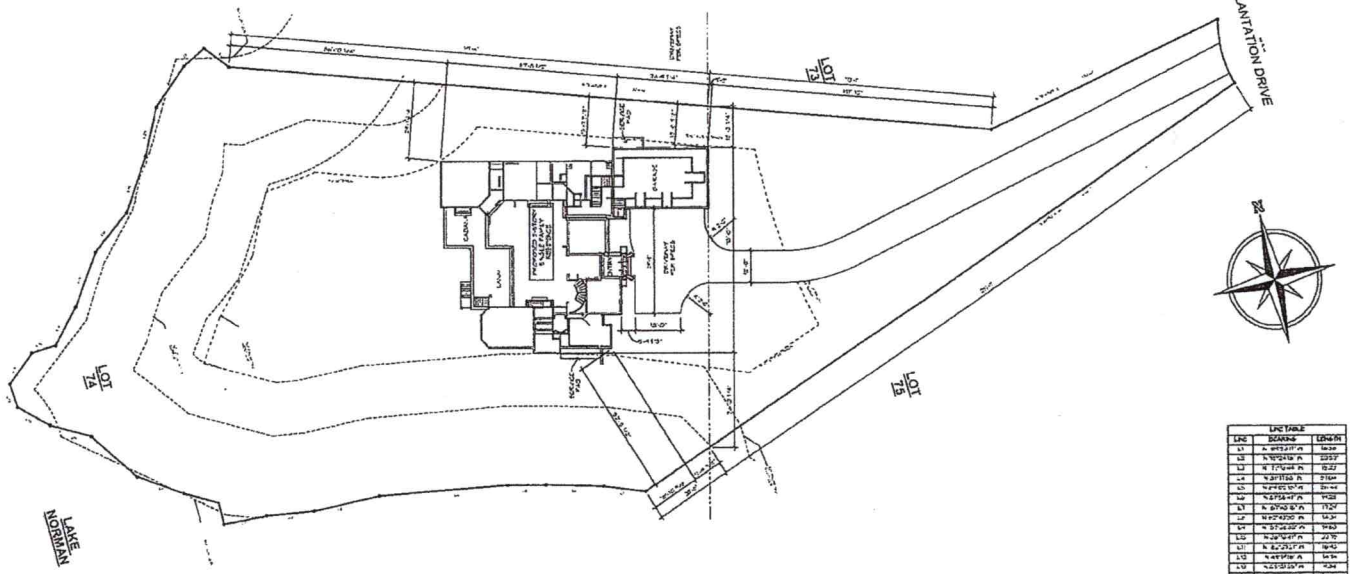
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: 3/30/2021 Installed by:

IMPROVEMENT PERMIT by: Date: 3/25/2021 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: D. Mebane Date: 12/10/21 Existing System Inspected by: Date:

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


PLANTATION DRIVE
LOT 73
LOT 74
LOT 72
LAKE NORMAN
PROPOSED PATIO
PROPOSED COVERED PORCH
PROPOSED 3 CAR GARAGE
PROPOSED 2 STORY
PROPOSED 1 STORY
PROPOSED 2 STORY
PROPOSED 1 STORY
PROPOSED 1 STORY
PROPOSED 1

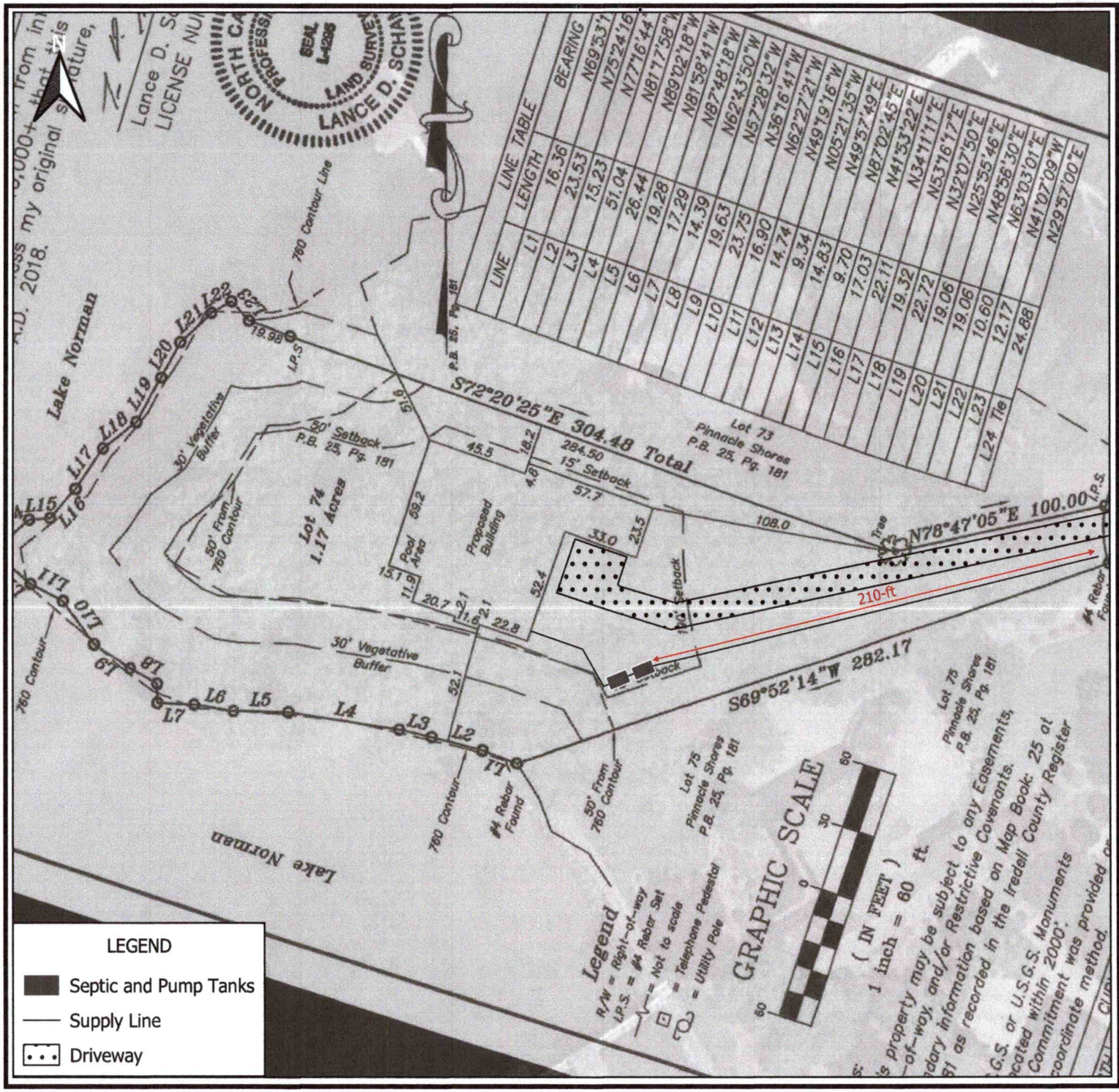


FIGURE 1

Prepared For:

Jim Perry

House and Tank Locations

191 Plantation Drive
Mooresville, NC 28117

Iredell County

Scale:
0 30 60 ft

TEC Job No.
21-51

Date:
February 2021

Thompson Environmental Consulting
WATER · WASTEWATER · WETLANDS

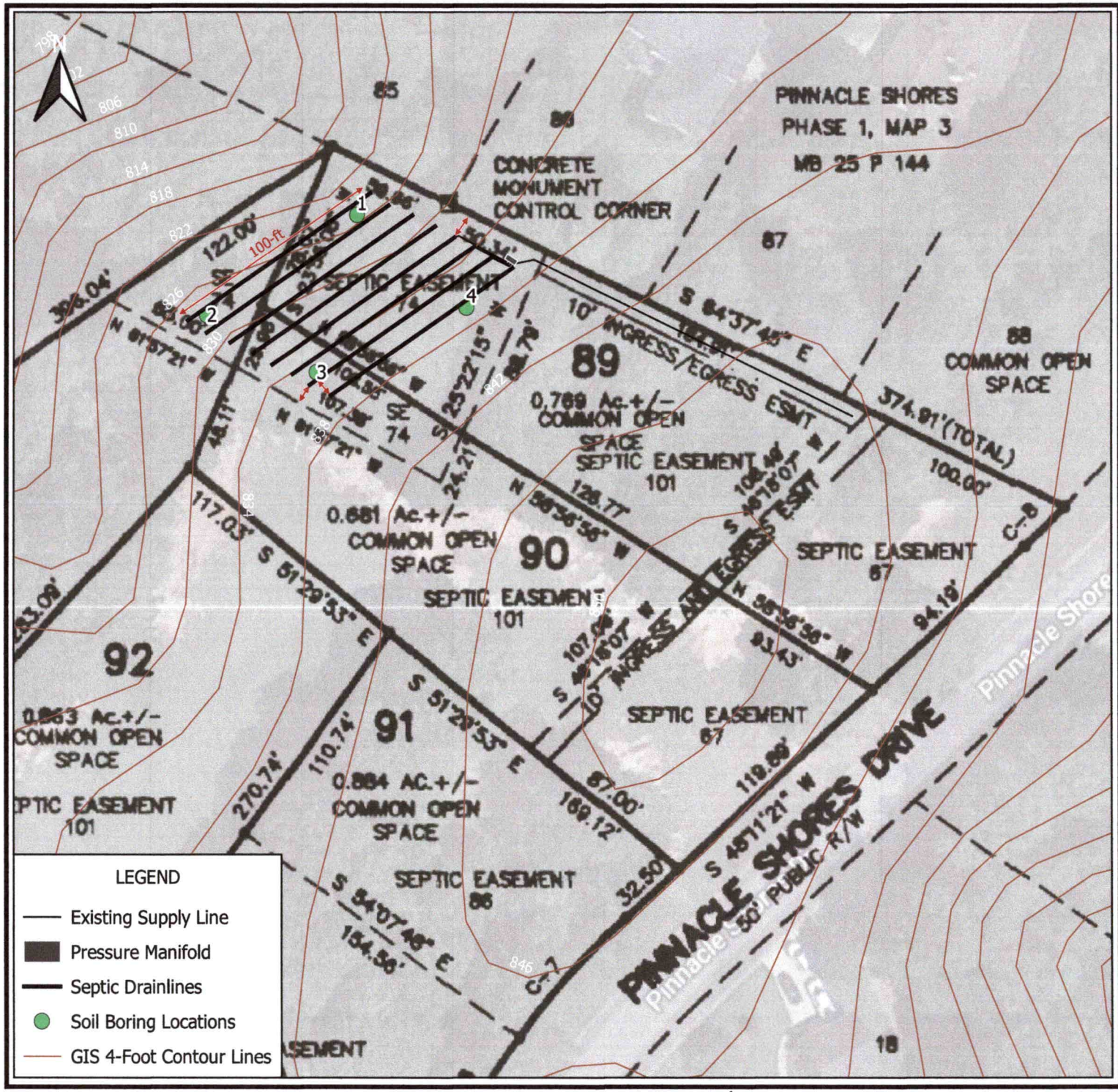


FIGURE 2

Prepared For:

Jim Perry

Lot 74 Offsite Septic Easement Area

191 Plantation Drive
Mooresville, NC 28117

Iredell County

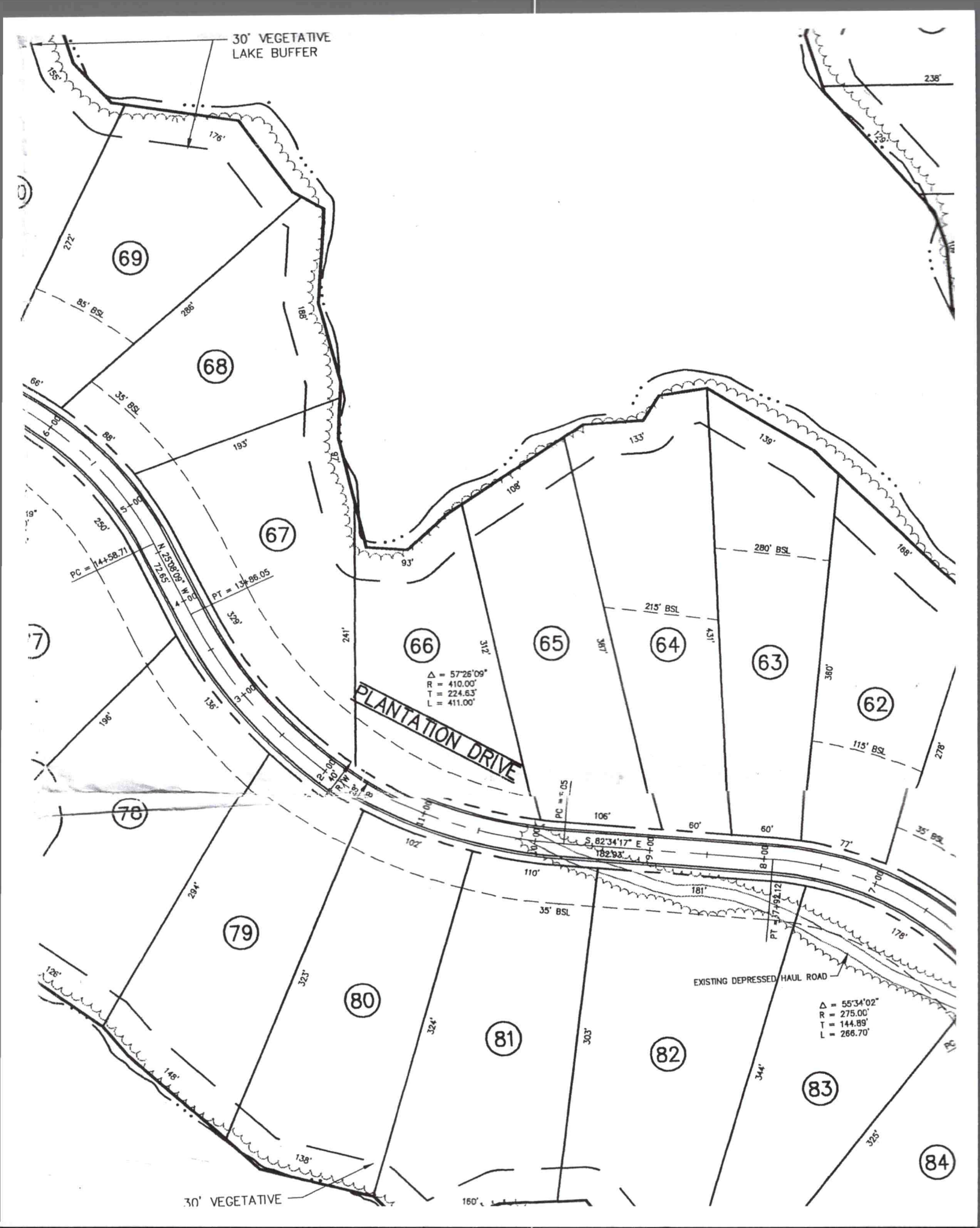
Scale:

0 30 60 ft

TEC Job No.
21-51

Date:
February 2021

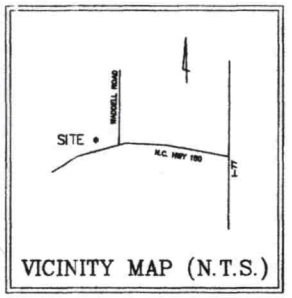
Thompson Environmental Consulting
WATER · WASTEWATER · WETLANDS


30' VEGETATIVE
LAKE BUFFER
69
68
67
66
65
64
63
62
78
79
80
81
82
83
84
PLANTATION DRIVE
Δ = 57°26'09"
R = 410.00'
T = 224.63'
L = 411.00'
PC = 14+58.71
PT = 19+86.05
N 25°08'09" W
72.65'
S 82°34'17" E
182.93'
PC = 17+92.05
PT = 19+92.12
Δ = 55°34'02"
R = 275.00'
T = 144.89'
L = 266.70'
EXISTING DEPRESSED HAUL ROAD
30' VEGETATIVE
35' BSL
85' BSL
115' BSL
215' BSL
280' BSL
40' R/W

76
75
74
73
72
71
REFERENCE
99'
30'
132'
284'
338'
205'
261'
280'
55' BSL
80'
100'
25'
190' BSL
285'
168'
98'
S 63°59'27"E
93.68'
L7
175.84
25'
25'
35'
70'
60' BSL
269'
177'
125' BSL
205'
150'
281'

FILED
IREDELL COUNTY
95 OCT 20 PM 3:01
25/183
BRENDA D. BELL
REGISTER OF DEEDS

VICINITY MAP (N.T.S.)



NORTH CAROLINA
Iredell COUNTY

THE FOREGOING CERTIFICATE OF Christine Patrick & Colleen D. Girdwood A NOTARY PUBLIC OF — COUNTY, IS CERTIFIED TO BE CORRECT. PRESENTED FOR REGISTRATION AND RECORDED IN THIS OFFICE IN PLAT BOOK 25, PAGE 183 THIS THE 20th DAY OF OCT. A.D. 1995 AT 3:01 O'CLOCK P M.

Brenda D. Bell Dept
REGISTER OF DEEDS
By: Sally B. Beal

GRAPHIC SCALE

100 0 50 100 200 400
(IN FEET)
1 inch = 100 ft.

State of North Carolina
County of Mecklenburg

I, Hugh A. Dalrymple, certify that this plat was drawn under my supervision from an actual field survey made under my supervision of DB 481 P 91 as recorded in the Iredell County Public Registry; that the boundaries not surveyed are clearly indicated; that the ratio of precision is 1:10,000; that this plat was prepared in accordance with GS 47-30 as amended. Witness my original signature, registration number and seal this 13th day of OCTOBER, 1995.

Hugh A. Dalrymple, R.L.S.
NC Reg. No. L-3139

NORTH CAROLINA REGISTERED SEAL L-3139 LAND SURVEYOR HUGH A. DALRYMPLE

I, Hugh A. Dalrymple, hereby certify that this survey creates a subdivision of land within the area of a county or municipality that regulates parcels of land.

Hugh A. Dalrymple, R.L.S.
NC Reg. No L-3139

State of North Carolina
County of Mecklenburg

I, Christine Patrick, a Notary Public of the County and State aforesaid, certify that Hugh A. Dalrymple, a registered land surveyor, personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official seal this 13th day of OCTOBER, 1995.

Notary Public

My commission expires: 9/15/98

CHRISTINE PATRICK NOTARY PUBLIC MECKLENBURG COUNTY, NC

I hereby certify that I am the owner of the property shown and described hereon, which is located in the subdivision jurisdiction of the County of Iredell and that I hereby adopt this plan of subdivision with my free consent, establish minimum building setback lines, and dedicate all streets, alleys, walks, parks and other sites and easements to public or private use as noted.

Owner

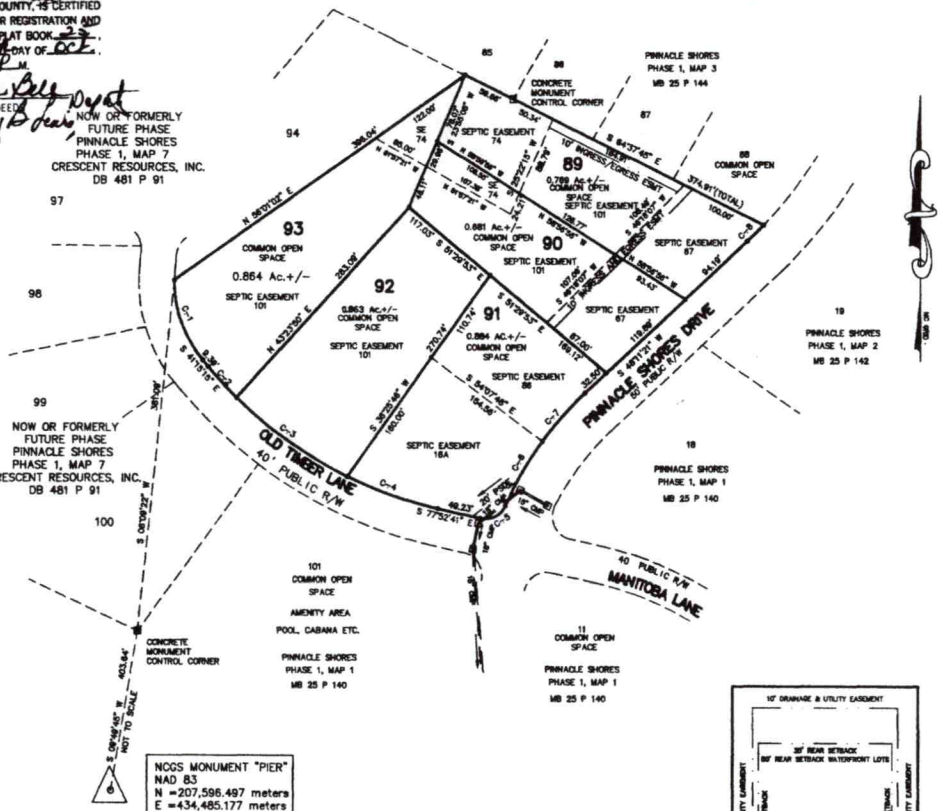
COLLEEN D. GIRDWOOD NOTARY PUBLIC MECKLENBURG CO., NC

State of North Carolina
Iredell County
Mecklenburg

I, Colleen D. Girdwood, Notary Public for said County and State, do hereby certify that Gilbert D. Henderson, Jr. owner(s) personally appeared before me this day, and acknowledged the execution of the foregoing instrument. Witness my hand and official seal, this 10th day of October 1995.

Colleen D. Girdwood
Notary Public

My commission expires 6.19.1999

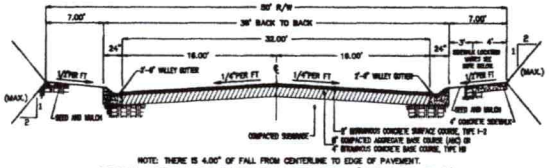


NCGS MONUMENT "PIER"
NAD 83
N =207,596.497 meters
E =434,485.177 meters

COMBINED GRID FACTOR = 0.9998918

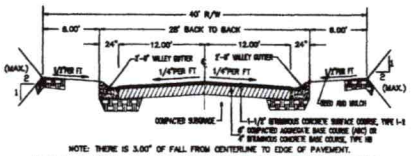
AS OF THE DATE OF THIS RECORDING, THE LOTS REPRESENTED ON THIS PLAT HAVE NOT BEEN INSPECTED OR APPROVED BY THE IREDELL COUNTY HEALTH DEPARTMENT. UNTIL INSPECTED, THERE IS NO ASSURANCE THAT A BUILDING PERMIT WILL BE ISSUED.

OWNER



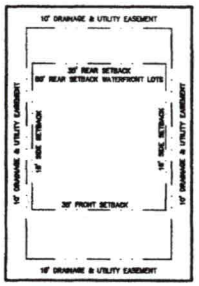
NOTE: THERE IS 4.00" OF FALL FROM CENTERLINE TO EDGE OF PAVEMENT.

TYPICAL SECTION FOR PINNACLE SHORES DRIVE (COLLECTOR ROAD)



NOTE: THERE IS 3.00" OF FALL FROM CENTERLINE TO EDGE OF PAVEMENT.

TYPICAL SECTION FOR 40' LOCAL RESIDENTIAL STREET, CLASS VI

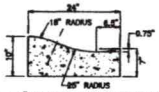


TYPICAL LOT SETBACKS

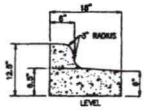
LEGEND

MBL	MINIMUM BUILDING LINE
R/W	RIGHT-OF-WAY
SE	SEPTIC EASEMENT
MB P	MAP BOOK PAGE
DB P	DEED BOOK PAGE

CURVE	RADIUS	LENGTH	CHORD	BEARING	DELTA
C-1	130.00'	94.62'	92.54'	S 20°24'15" E	41°42'01"
C-2	480.00'	46.27'	46.25'	S 44°00'58" E	05°31'25"
C-3	480.00'	153.05'	151.42'	S 55°51'10" E	18°06'59"
C-4	480.00'	106.49'	106.28'	S 71°24'10" E	12°57'01"
C-5	25.00'	33.71'	31.21'	N 63°29'40" E	77°15'19"
C-6	375.00'	80.81'	80.65'	S 31°02'24" W	12°20'48"
C-7	375.00'	71.84'	71.73'	S 42°42'06" W	10°58'33"
C-8	475.00'	25.50'	25.50'	N 46°39'04" E	03°04'33"



2'-0" CONCRETE VALLEY GUTTER



1'-6" CONCRETE CURB & GUTTER

NOTES

1. TAX PARCEL NUMBER IS 2N-A-20.
2. ALL AREA DETERMINED BY COORDINATE COMPUTATION.
3. IRON PINS AT ALL CORNERS UNLESS OTHERWISE NOTED.
4. NCGS MONUMENT IS "PIER". STATION IS LOCATED ABOUT 7.4 MI WEST OF MOORESVILLE, AND 2.5 MI EAST OF TERRELL ALONG NC 150 FOR 4.4 MI WEST FROM THE I-77 UNDERPASS, 0.3 MI WEST OF McCRARY BOAT ACCESS AREA ENTRANCE, ON 0.8 MI EAST OF THE CATAWBA RIVER BRIDGE AND THE COUNTY LINE, ON A BANK IN THE EDGE OF THE WOODS AND ACROSS THE HIGHWAY FROM THE PIER CAMPGROUNDS. STATION IS A STANDARD NCGS HORIZONTAL DISK SET IN THE TOP OF A CONCRETE CYLINDER. MARK IS ABOUT LEVEL WITH THE HIGHWAY AND IS FLUSH WITH GROUND.
5. PROPERTY LINES ABUTTING LAKE NORMAN FOLLOW THE 760 CONTOUR AS ESTABLISHED BY FIELD SURVEY AND ARE MONUMENTED WITH IRON PINS.
6. PROPERTY BORDERS A FLOOD HAZARD ZONE PER FEMA PANEL # 370313-0200-B.
7. PLAT IS SUBJECT TO ANY AND ALL APPLICABLE DEED RESTRICTION, EASEMENTS, RIGHTS-OF-WAY, UTILITIES AND RESTRICTIVE COVENANTS WHICH MAY BE OF RECORD.
8. ZONING: R-R

MINIMUM LOT SIZE:	21,780 SQ.FT.
MINIMUM ROAD FRONTAGE WIDTH:	25'
MINIMUM LOT ACCESS STRIP WIDTH:	25'
MINIMUM LOT WIDTH AT SETBACK:	100'
MINIMUM FRONT SETBACK:	35'
MINIMUM SIDE YARD:	15'
MINIMUM SIDE YARD ADJACENT TO STREET:	25'
MINIMUM REAR YARD:	35', 50' WATERFRONT LOTS

9. LANDSCAPE AREAS AND COMMON OPEN SPACE TO BE OWNED AND MAINTAINED BY THE HOME OWNERS ASSOCIATION.
10. P.S.D.E. DENOTES PUBLIC STORM DRAINAGE EASEMENT TO BE PRIVATELY MAINTAINED BY INDIVIDUAL PROPERTY OWNER.
11. SITE IS IN WS4, A CRITICAL AREA OF LAKE NORMAN/ CATAWBA RIVER BASIN.
12. SEWAGE DISPOSAL WILL BE INDIVIDUAL SEPTIC TANKS PER IREDELL COUNTY HEALTH DEPARTMENT STANDARDS.
13. WATER SUPPLIES IS TO BE COMMUNITY WELLS.
14. SIGHT TRIANGLES AT ALL INTERSECTIONS – 10'x70'
15. THE HOMEOWNERS ASSOCIATION WILL BE RESPONSIBLE FOR MAINTAINING STREETS LABELED PUBLIC UNTIL SUCH TIME AS THE NCDOT ACCEPTS RESPONSIBILITY FOR THE STREETS. THE DEVELOPER WILL REIMBURSE THE THE HOMEOWNERS ASSOCIATION FOR ANY EXPENSES INCURRED.
16. ALL PUBLIC STREETS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE DESIGN AND CONSTRUCTION STANDARDS PROMULGATED BY THE NCDOT DIVISION OF HIGHWAYS.
ALL MATERIAL SHALL MEET THE REQUIREMENTS SET FORTH IN THE LATEST EDITION OF THE NORTH CAROLINA STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
17. THE HOMEOWNERS ASSOCIATION WILL BE RESPONSIBLE FOR MAINTAINING ANY PRIVATE STREETS. ALL LOTS IN THE SUBDIVISION HAVE THE RIGHT OF ACCESS TO USE THE PRIVATE STREET.
18. THE PURPOSE OF THIS PLAT IS TO ADD SEPTIC EASEMENTS TO LOTS 89-93 AND TO DEDICATE LOTS 89 AND 90 AS COMMON OPEN SPACE.
19. THE PLAT SUPERCEDES ALL OTHER PLATS OF LOTS 89-90, PINNACLE SHORES PHASE 1, MAP 1 AS RECORDED IN MB 25 P 140 AT THE IREDELL COUNTY PUBLIC REGISTRY.

I hereby certify that the subdivision plat shown hereon has been found to comply with the subdivision regulations of the County of Iredell, North Carolina. This plat has been approved by the Subdivision Administrator for recording in the office of the Register of Deeds of Iredell County.

10-1995 Date — Subdivision Administrator

ALL LOTS WITHIN THE PINNACLE SHORES, PHASE 1 SUBDIVISION, TO THE BEST OF MY KNOWLEDGE, LIE WITHIN THE WS-IV C.A. OF THE LAKE NORMAN-CATAWBA, AS DESIGNATED BY THE NORTH CAROLINA DIVISION OF ENVIRONMENTAL MANAGEMENT AND AS APPEARS ON THE WATERSHED PROTECTION MAP OF IREDELL COUNTY.

10-1995 DATE — SUBDIVISION ADMINISTRATOR

No.	Date	By	Revision

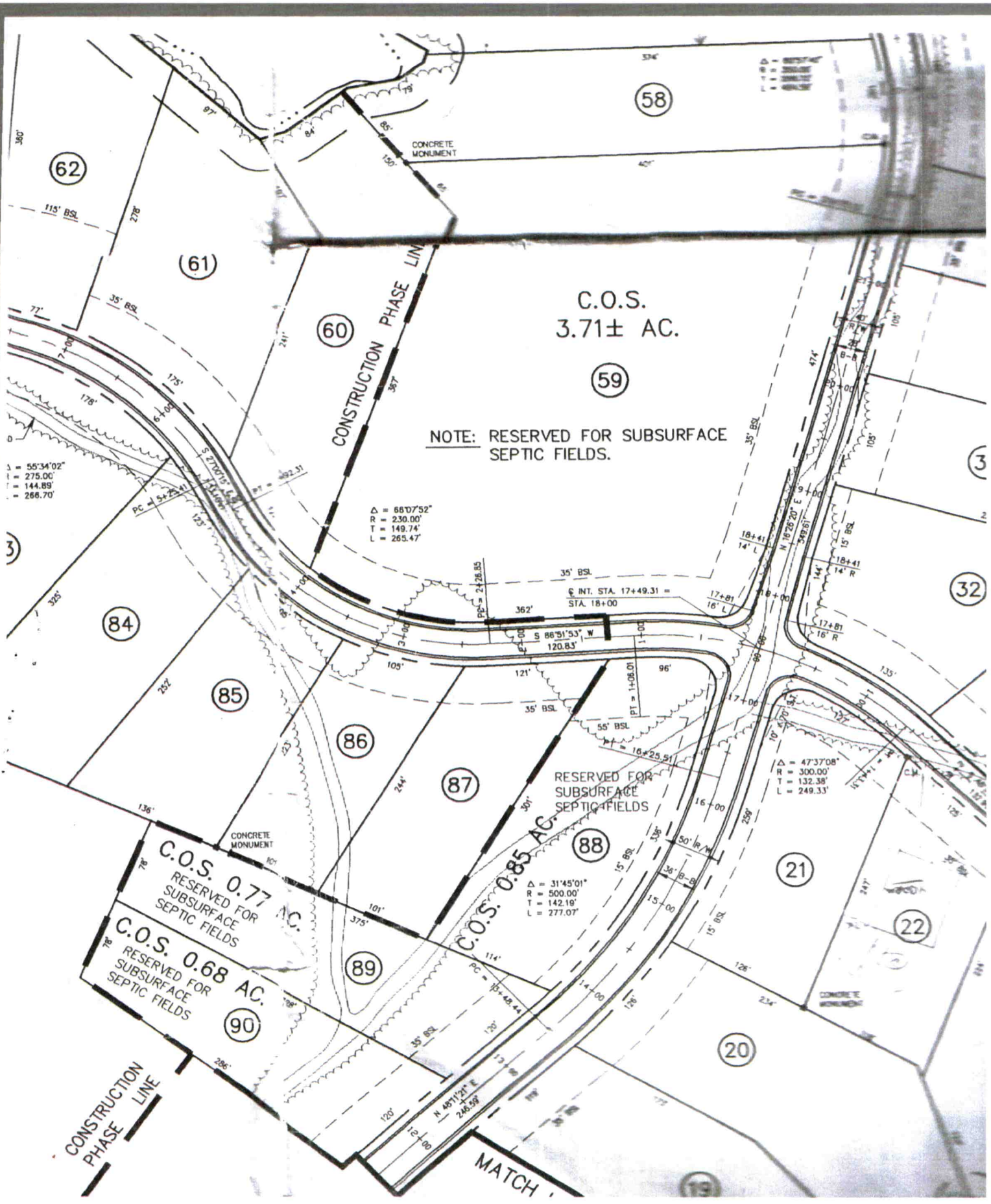
DELTA LAND SERVICES, INC.
6033 Florence Avenue, Suite 100
Charlotte, North Carolina 28212
Telephone 704/536-6190

Title:
REVISED RECORD PLAT
A REVISIONS OF LOTS 89, 90, 91, 92 AND 93
PINNACLE SHORES
PHASE 1, MAP 1

Owner/Developer:
CRESCENT RESOURCES, INC.
400 S. TRYON STREET, SUITE 1300
CHARLOTTE, N.C. 28202-1003
DB 481 P 91

Location:
DAVIDSON TOWNSHIP, IREDELL COUNTY
STATE OF NORTH CAROLINA

Date:	Drawn By:	Checked By:	Job No.	DCA/CAD No.
10/9/95	MJD	HAD	9508	PINR1


C.O.S.
3.71± AC.
NOTE: RESERVED FOR SUBSURFACE SEPTIC FIELDS.
CONSTRUCTION PHASE LINE
CONCRETE MONUMENT
RESERVED FOR SUBSURFACE SEPTIC FIELDS
C.O.S. 0.85 AC.
C.O.S. 0.77 AC.
RESERVED FOR SUBSURFACE SEPTIC FIELDS
C.O.S. 0.68 AC.
RESERVED FOR SUBSURFACE SEPTIC FIELDS
CONSTRUCTION PHASE LINE
MATCH
58
59
60
61
62
84
85
86
87
88
89
90
20
21
22
32
Δ = 66°07'52"
R = 230.00'
T = 149.74'
L = 265.47'
Δ = 55°34'02"
R = 275.00'
T = 144.89'
L = 266.70'
Δ = 31°45'01"
R = 500.00'
T = 142.19'
L = 277.07'
Δ = 47°37'08"
R = 300.00'
T = 132.38'
L = 249.33'
℄ INT. STA. 17+49.31 = STA. 18+00
S 86°31'53" W
120.83'
N 18°28'20" E
349.61'
N 45°11'21" E
246.59'
35' BSL
55' BSL
15' BSL

Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107

Sheet 1 of 1
PROPERTY ID #: 46286 10956.000
COUNTY: Iredell

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**

OWNER: Pinnacle Shores OA Inc
ADDRESS: PO Box 329, Cornelius NC 28031
PROPOSED FACILITY: Res PROPOSED DESIGN FLOW (.1949): 440
LOCATION OF SITE: COA - Pinnacle Shores LOT 74 Easement Area
DATE EVALUATED: 2-1-21
PROPERTY SIZE:
PROPERTY RECORDED:
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) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 14%	0-9	SBk/SCL	FR/ss/sp/sep	—	53"	—	—	PS 0.3
		9-53	SBk/C	FI/s/p/sep					
2	LS 19%	0-8	SBk/SCL	FR/ss/sp/sep	—	48"	—	—	PS 0.3
		8-48	SBk/C	FI/s/p/sep					
3	LS 11%	0-9	SBk/SCL	FR/ss/sp/sep	—	18"	—	—	PS 0.3
		9-48	SBk/C	FI/s/p/sep					
4	LS 7%	0-6	SBk/SCL	FR/ss/sp/sep	—	45"	—	—	PS 0.3
		6-48	SBk/C	FI/s/p/sep					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted	Accepted
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): Provisional
SITE CLASSIFICATION (.1948):
EVALUATED BY: Larry Thompson
OTHER(S) PRESENT: Mac Haun

LICENSED SOIL SCIENTIST · LARRY B. THOMPSON, JR. · 1287 · STATE OF NORTH CAROLINA

COMMENTS:

The LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11.(c).

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

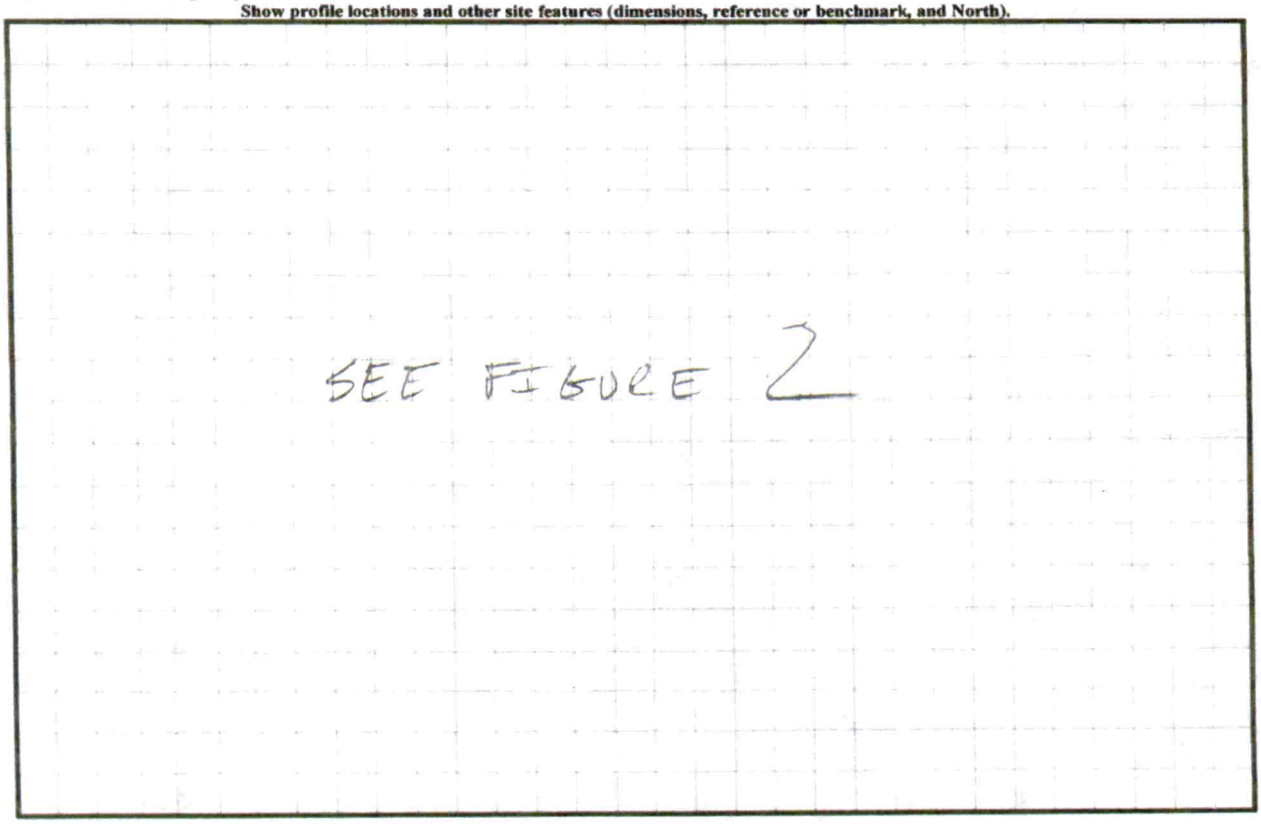
NOTES

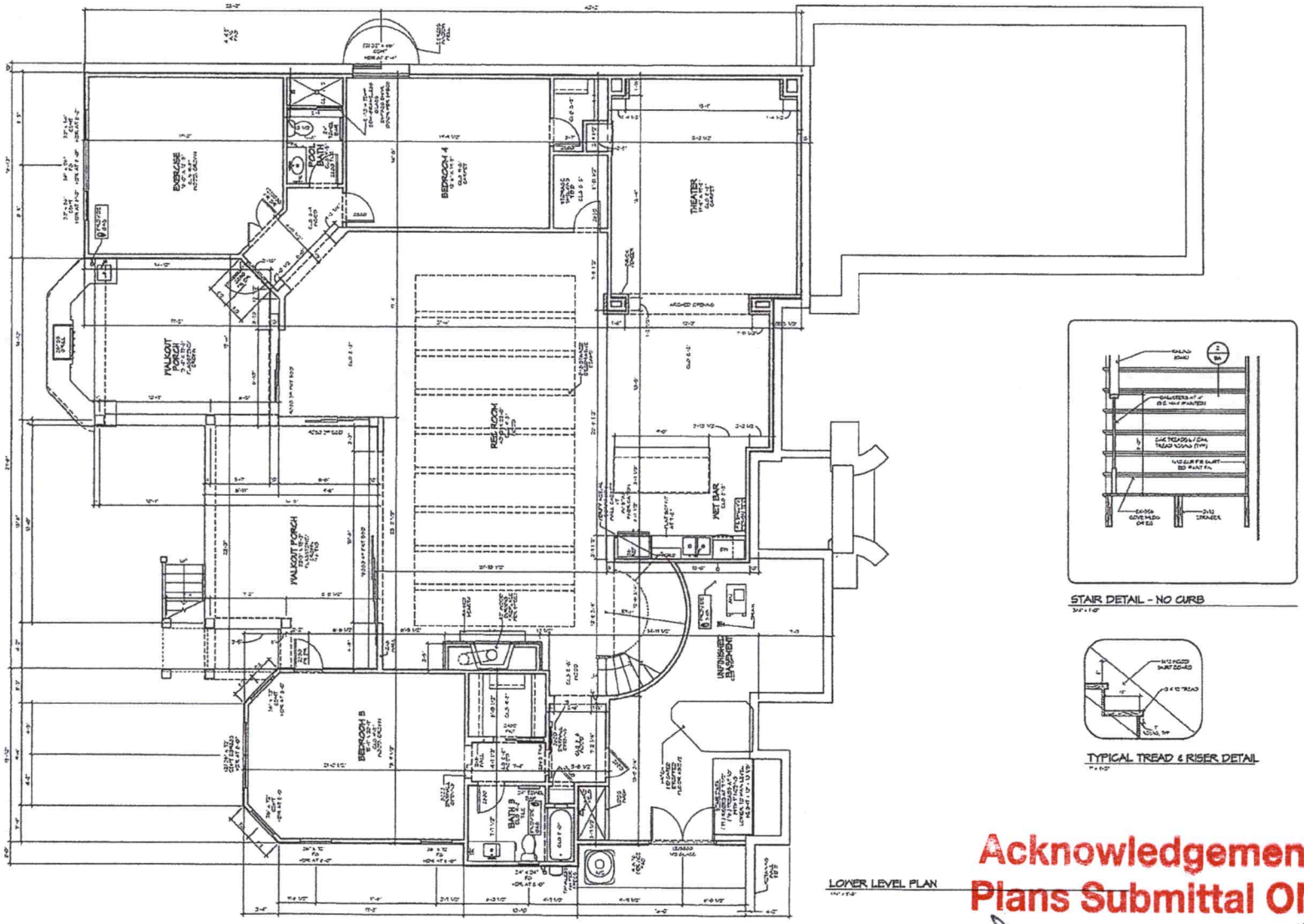
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

Show profile locations and other site features (dimensions, reference or benchmark, and North).





LOWER LEVEL PLAN

STAIR DETAIL - NO CURB

TYPICAL TREAD & RISER DETAIL

A CUSTOM PLAN FOR THE PERRY RESIDENCE

LOWER LEVEL FLOOR PLAN

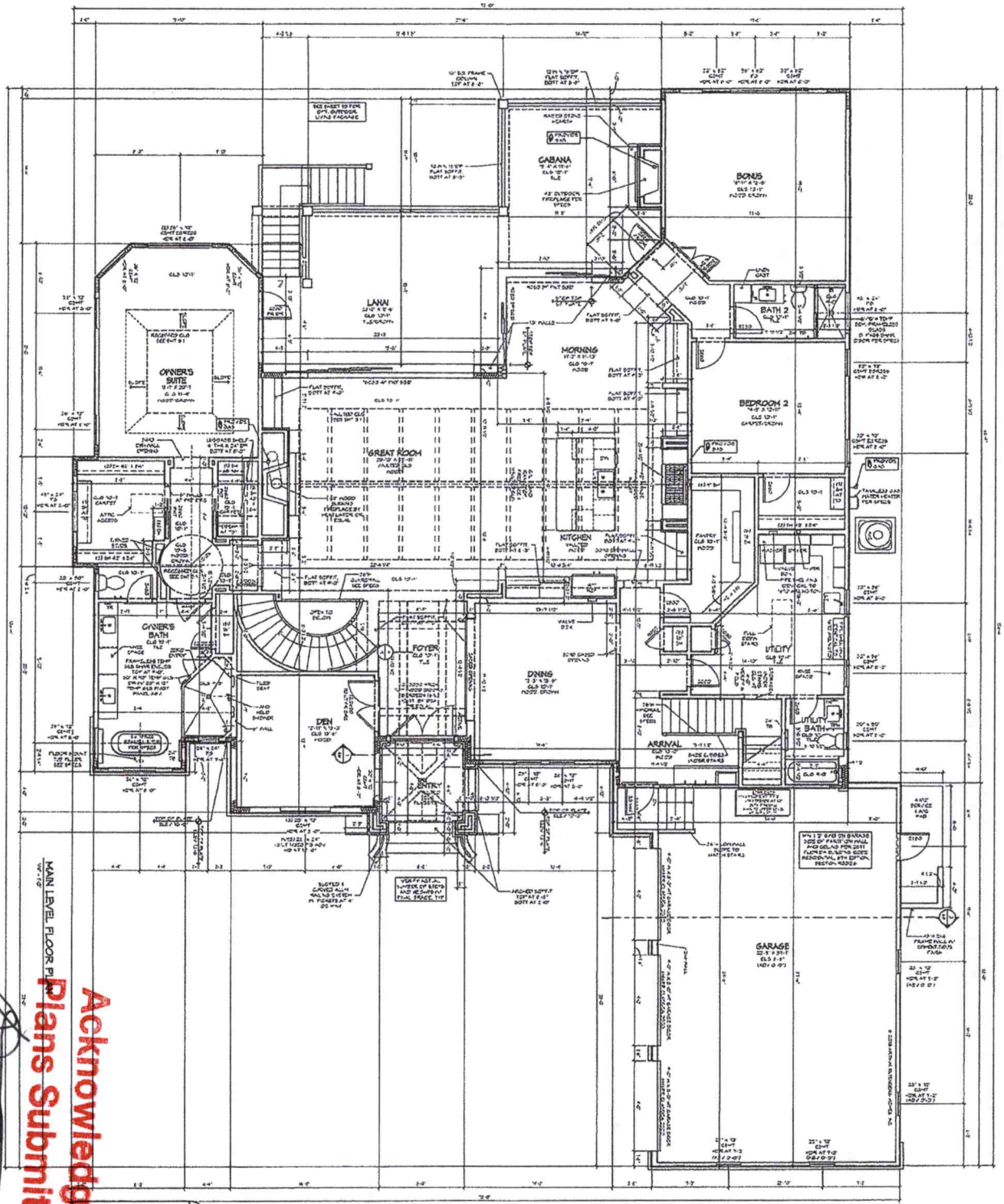
RHOMES

Acknowledgement Of Plans Submittal ONLY!

Date 12/03/24

Date

5



Acknowledgement of Plans Submittal ONLY!

Date 12/3/21

Date

MAIN LEVEL FLOOR PLAN

A CUSTOM PLAN FOR THE PERRY RESIDENCE

Monterrey Bay Homes of Charlotte, LLC

TAYLOR'S MATCH, LOT 74

RHOMES

RECEIVED NOV 0 4 2021

APPLICATION MUST BE FILLED OUT COMPLETELY & BE LEGIBLE OR IT WILL NOT BE PROCESSED

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM* AP-315223

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit (✓) Authorization to Construct ( ) Existing System Inspection ( ) 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: ( ) 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: MONTEREY BAY CHARLOTTE Address: 18637 NORTHLINE DR, CORNELIUS, NC Zip: 28031
Applicant Email: mwolfe@arhomes.com Phone: 980-253-5488 Alt. Phone:
Owner Name: JAMES & ILONA PERRY Address: 1650 CONE FLOWER WAY, SUWANEE, GA 30024
Owner Email: jimperry926@gmail.com Phone: 770-503-5635 Alt. Phone: 248-421-6949

Property Information:

Street Address: 191 PLANTATION DR., MOORESVILLE, NC 28117
Subdivision Name: PINNACLE SHORES Section/Phase: Lot Number: 74
Driving Directions: FROM RIVER HWY 150 TURN RIGHT ONTO PINNACLE SHORES DR. THEN LEFT ONTO PLANTATION DR. (IN CUL DE SAC).

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

CHECK FOUNDATION TYPE

(✓) New Single Family Residence Maximum Number of Bedrooms: 4 ( ) Crawl Space Foundation
( ) New Multi-Family Residence Maximum Number of Occupants: ( ) Concrete Slab Foundation
( ) Accessory Building ( ) Swimming Pool (✓) Basement with Plumbing
( ) Bedroom(s) Addition ( ) Other Addition/Structure: ( ) Basement without Plumbing
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem:
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:
(✓) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other:

Please answer the following to the best of your ability:

( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (✓) 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 proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

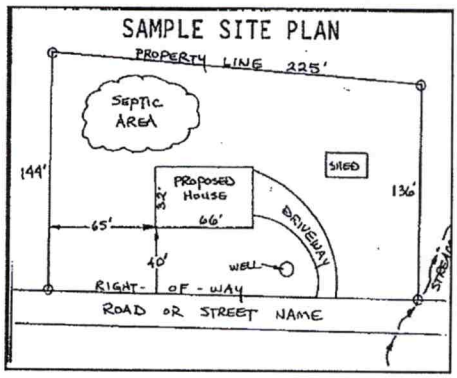
Signature: Melinda Wolfe 11/04/2021
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *SITE PLAN WORKSHEET*

SEE THE "SAMPLE SITE PLAN" BELOW. ***INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!***



Place an (X) beside each item as you complete the site plan:

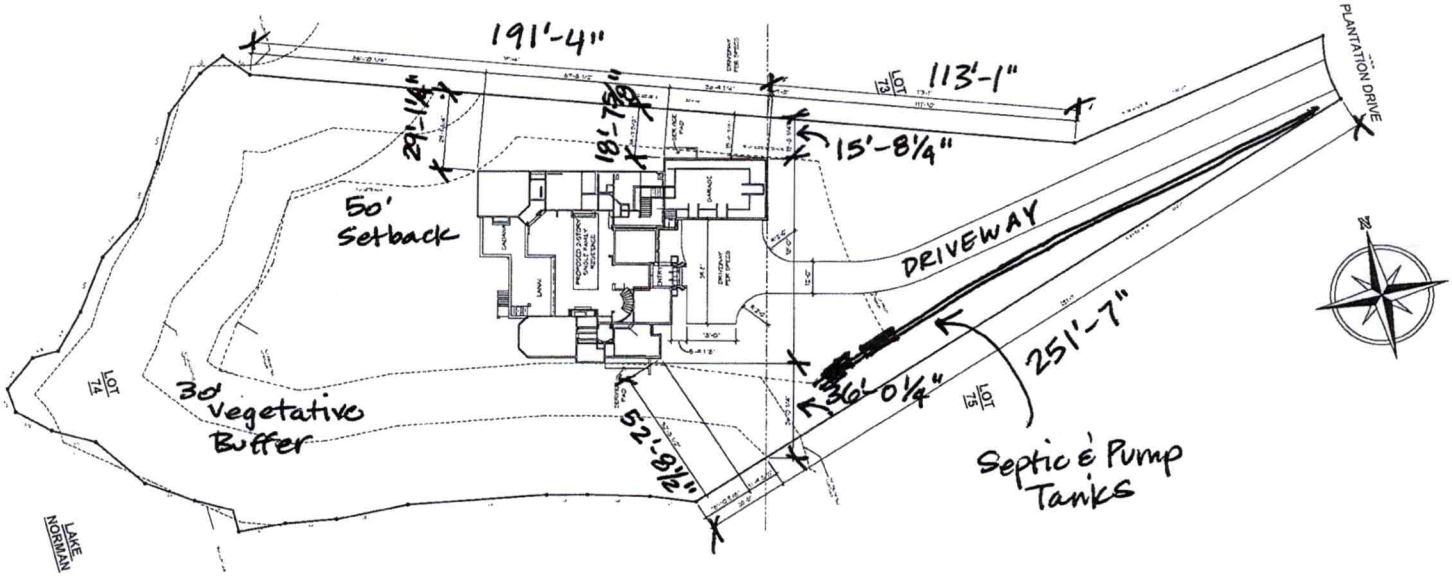
- (✓) Property Line measurements are clearly identified
- (✓) All proposed structures are indicated
- (✓) Front and side setbacks from property line
- (✓) Preferred driveway location and well location
- (✓) Area you prefer your septic system to be placed
- (✓) North arrow, or other sufficient indicator of direction

Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property N/A
Location of easements and rights of ways on your property N/A
Location of any designated wetlands on the property (N/A)

USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site



SITE PLAN

Signature: Rhelinda Wolfe

Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

11/04/2021

DATE

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

☐ 1. *** APPLICANT AND OWNER ARE THE SAME. *** (*Sign here*) _____

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative: *Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship* In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:
Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form. If there are multiple property owners, then all property owners must sign the form that designates a legal representative.
By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

☑ 2. I, James M Perry Ilona M Perry, am the legal owner(s) of the property located at 191 Plantation Dr, Mooresville, NC 28117, identified as PIN (Parcel Identification Number) 4628436063, located in Iredell County, North Carolina.

I do hereby authorize **(print legal representative/company name)** MELINDA WOLFE, MONTEREY BAY CHARLOTTE, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

James M. Perry Ilona M Perry
Signature of Owner(s)

11/3/21
Date

Mooresville - Environmental Health
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

ENVIRONMENTAL HEALTH REQUIREMENTS for SEPTIC and WELL PERMITS

The following items must be completed *PRIOR* to the *SUBMITTAL* of any Environmental Health Application. Incomplete applications will be returned to the applicant and cannot be processed or placed on the work list.

*** Initial all lines below to indicate you have submitted each form and completed every site requirement ****

____ **Complete all Environmental Health forms:**

MW Application
MW Site Plan including the dimensions of proposed structure, addition, pool etc.
MW Documentation to Authorize Owner Agent (even if the property owner is the applicant – complete section 1 or 2)
MW Copy of Zoning Permit when applicable
MW Sign this sheet after you have completed all items

MW **Lot must be cleared of heavy undergrowth.** In order to evaluate the lot, the footprint of the proposed structure must be visible. Adequate area for the septic drain field and repair area must be sufficiently cleared of heavy undergrowth, with 50 feet of visibility in all directions. Inspectors must be able to evaluate the property, shoot laser level elevations, layout the drain field, do soils work, etc. **If the lot is not cleared sufficiently, then a $100 site revisit fee will be charged and the evaluation will be put on HOLD until the requirement is met.**

MW **Clearly mark all property corners by locating existing iron or concrete markers.** Flag all property lines every 25 feet if adjacent corners are not visible when standing on any given corner. Property lines must be flagged by a licensed NC surveyor & easily identified **prior to application submittal** (exception may apply for septic repair evaluations only). 'Mow lines' and/or fence lines do NOT constitute marked lines. **If the property lines are not properly marked when the lot is ready to be evaluated, then the application will be put on HOLD and a $100 site re-visit fee charged.**

MW **Stake or flag the footprint of the proposed structure, addition, pool etc. to match the site plan submitted.** The proposed structure, etc. must be staked out on the property as per the site plan.

MW **If an Authorization to Construct (AC) is desired,** submit a recorded copy of the plat for newly created or subdivided lot(s) and a LEGIBLE copy of the basic floor plan no larger than 8 ½" x 14" for each floor of the structure including decks, porches, etc. **The overall dimensions must be clearly noted & the rooms labeled.**

Any site not meeting the above requirements when staff arrives for the evaluation will result in a $100 site revisit fee being charged and the request being placed on HOLD. This will delay the processing of the application. *Once work by Environmental Health staff begins, the up-front fees paid toward securing any health department permit are nonrefundable. Refunds for work not started, due to a customer changing their mind or plans, are subject to an administrative fee of $50 to defray a portion of the costs of processing the refund.*

Backhoe pits are required for all applications that require a soils evaluation.
DO NOT DIG PITS UNTIL THE EH SPECIALIST HAS AUTHORIZED AND SCHEDULED YOUR EVALUATION TIME.

- **All utilities shall be marked before pits are dug. Call NC 811 for this service.**
- The applicant/agent is responsible for securing these services
- Backhoe pits are to be dug at the locations and depths determined by the Environmental Health Specialist or a NC Licensed Soil Scientist. A minimum of four pits must be dug.
- The EH specialist will contact you when your application is ready to be processed for pit scheduling.
- Your backhoe operator must be on site during the EH Specialist's evaluation to prevent your operator from having to return to the property for additional work.

By signing below, I am acknowledging the above specifications have been met and the site is READY to be evaluated AND I understand the backhoe pit requirement and will secure those services (if applicable).

Signature Kelidra Wolfe **Date** 11/04/2021.

Questions? Contact the Environmental Health Offices below:

Statesville Office
349 North Center Street (2nd Floor Building Standards)
Statesville, NC 28677-4063
Phone: (704)878-5305 ext. 3456

Mooresville Office
610 East Center Avenue (2nd Floor Govt. Center South)
Mooresville, NC 28115-2548
Phone: (704)660-3625