ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | DW | PERMIT # AP 303432

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

PIN # 4614-73-8928

APPLICANT/OWNER: Gary Scott | APPLICANT ADDRESS: 131 Buttercup Drive Mooresville, NC 28117

SITE ADDRESS: 131 Buttercup Drive, Mooresville NC | PHONE: 980-240 9374 | ALT. PHONE

SITE DIRECTIONS: Brawley School Rd TR Tuskarora Trail TR Buttercup lot on left | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: CL&T | SECTION: 6 | LOT # 300 | LOT AREA: .67 Ac | DESIGN FLOW: 300 gpd | L.T.A.R.: .3/.125 rep

Septic Tank	1000 (gal)	STB	760	Date	3/17/23	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank	1000 (gal)	PT	303	Date	3/10/22	System Description:	LPPPBPS (rear)			☐ Business	No. Persons 6
Pump Make	Liberty	Model	240	Serial #		Repair System Description:	TSII Drip			☐ Other	No. Employees
# Nitrification Fields	1	# Lines	5	Linear Ft	300	Maintenance Agreement Required:	☒ YES	☐ NO		☐ Slab	☒ Crawl Space
Trench Width	min 24"	Trench Bottom Depth (~~Low side~~)	may 36"	Gravel Depth	N/A		☐ GRAVITY	☒ PRESSURE		☐ Basement w/ plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Must Abandon 2 existing wells that aren't 25ft from House foundation
Well abandoned 3/10/22

Floor plans approved 2/7/22

INITIAL SITE SKETCH

See attached, approved Septic plan by Michael Athanas & Assoc. (dated 12/15/21)

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.

Authorization to Construct
FOR SEPTIC FINAL INSPECTION
CALL 704-664-3703

Tanks CW 5/5/23
Lines
CVB
Floats CW
Electrical 6/16/23
PH

Needs Maintenance Agreement

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**

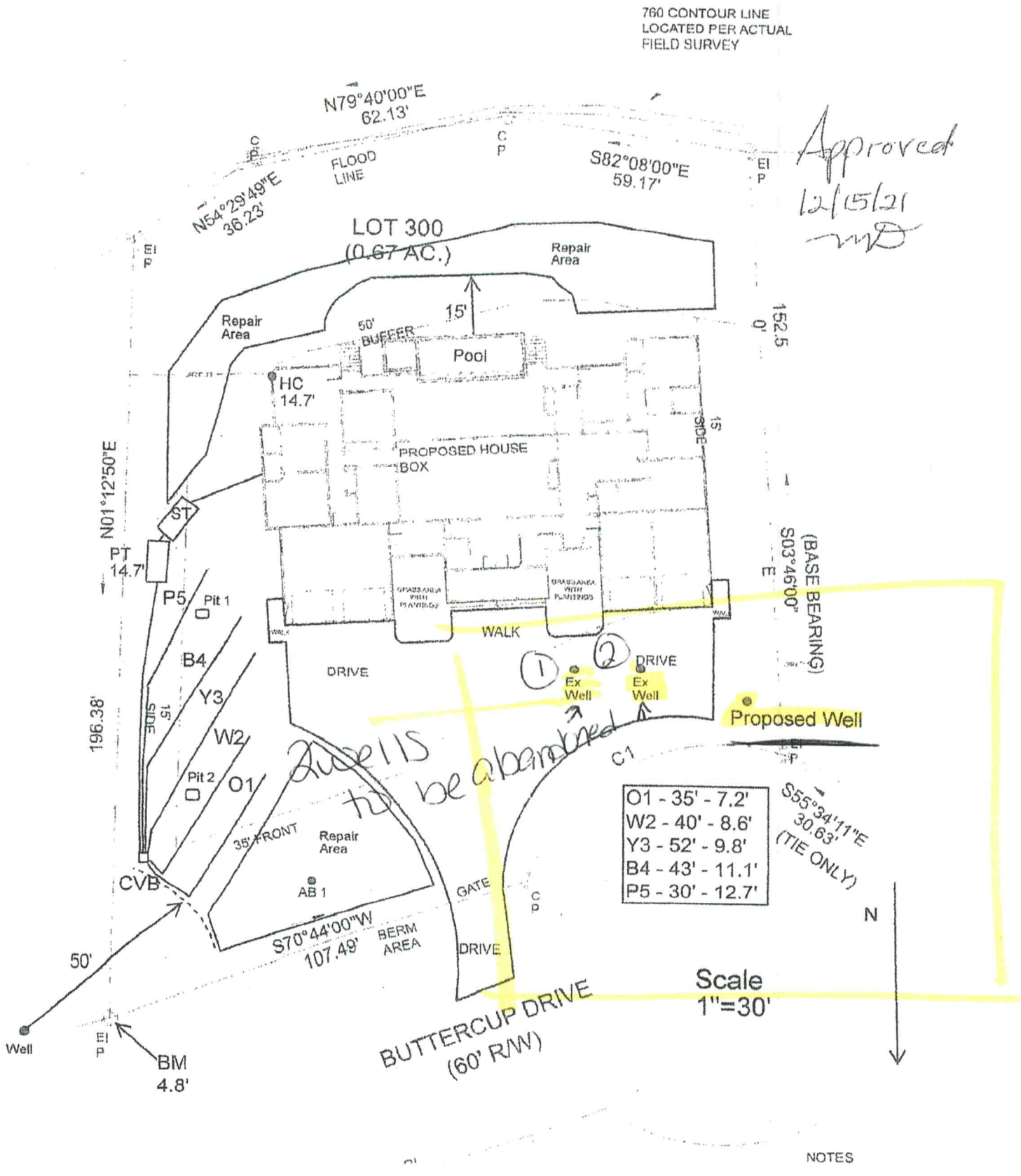
☐ **IMPROVEMENT PERMIT** *with plat valid with no expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☒ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: [signature] Date: 01/11/22 Installed by: Abernathy

IMPROVEMENT PERMIT by: Maria Dotson Date: 12/15/21 OPERATION PERMIT by: [signature] Dmeyer Date: 7/25/23

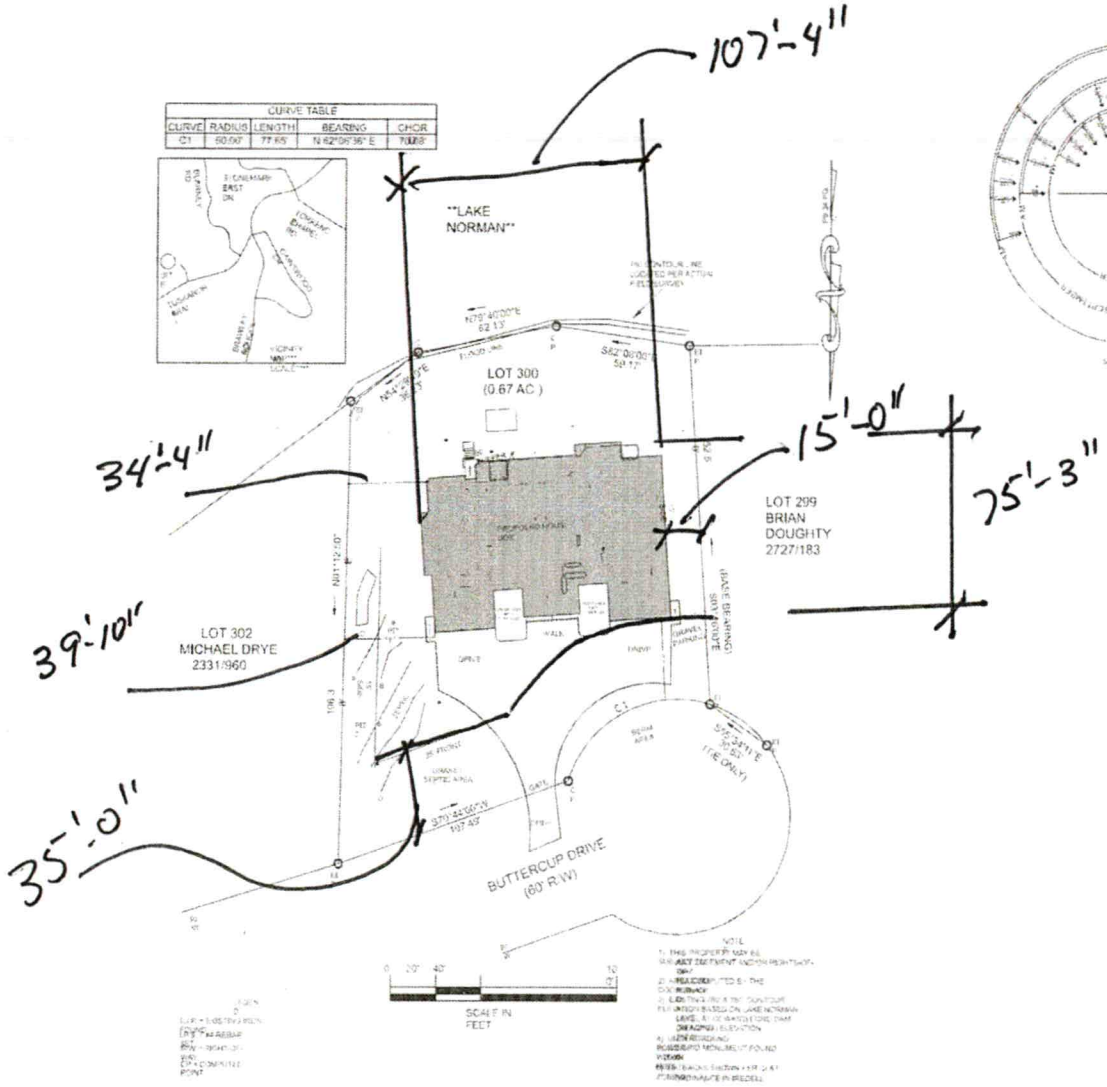
AUTHORIZATION TO CONSTRUCT by: Maria Dotson Date: 3/16/22 Existing System Inspected by: Date:

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

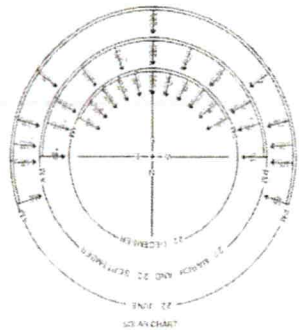


Approved
12/15/21
MD

2 wells to be abandoned



CURVE TABLE				
CURVE	RADIUS	LENGTH	BEARING	CHOR
C1	50.00'	77.65'	N 42°05'36" E	70.08



PIPPIN
HOME DESIGNS
INC.

Professional Member, AIBD
9140 RIVER HIGHWAY
PMB 174
MOORESVILLE, NC 28117
TEL 704 369-9037
www.pippinhomedesigns.com

N·C·B·D·C

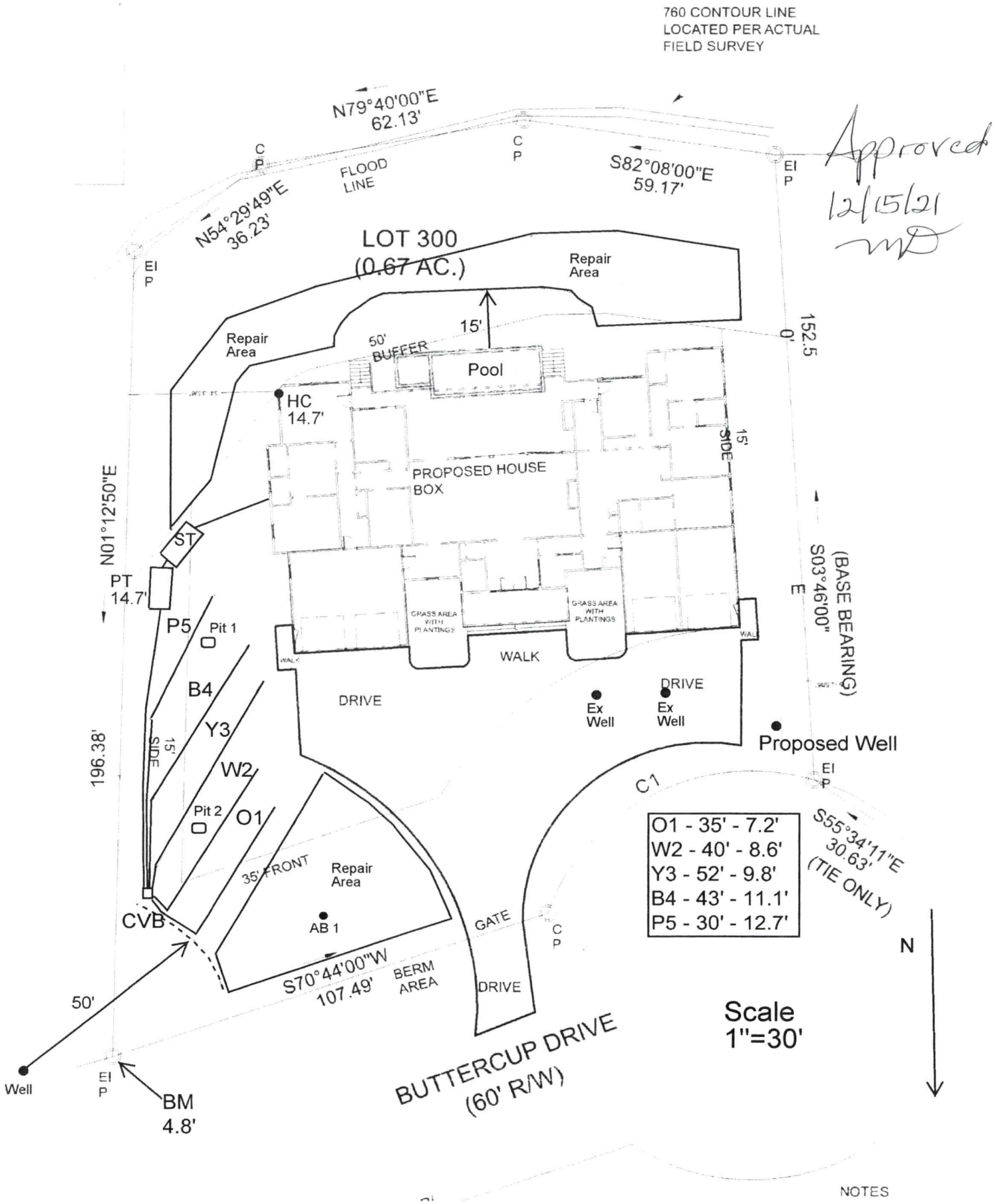
FELLOW MEMBER
AIBD
AMERICAN INSTITUTE OF BUILDING DESIGN

Creating where people live

A NEW CUSTOM HOME DESIGN FOR:
GARY SCOTT
131 BUTTERCUP DRIVE
MOORESVILLE, NC 28117
IREDELL COUNTY

DATE:
2/8/2022
SCALE:
1" = 20'
SHEET:
A-1

SITE PLAN



Approved
12/15/21
MD

MA&A
SOIL & ENVIRONMENTAL CONSULTANTS

MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
556 Walden Trail
Weddington, NC 28173
(704) 576-3887
11/11/2021

Approved
12/15/21
MD

Reference: Data Sheet for 131 Buttercup Dr, CL&T Sec 6 Lot 300
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side, 50' lake
Water Source: Private Well
Number of Bedrooms/Daily Flow: 3/360 GPD
Proposed LTAR: 0.3 GPD/FT^2 (initial), 0.125 GPD/FT^2 (repair)
Proposed System Type: PPBPS (8' on center-24" Trench width)
Proposed Repair System Type: TSII Drip Dispersal
Distribution: Low Pressure-Central Valve Box
Flow per Orifice: 0.59 GPM
Tap Size: 3/16"
System Flow: 27.14 GPM
Dosing Volume: 165.6 gallons
Pump Run Time: 6.1 minutes
Elevation Head: 12.5'
Friction Head: 1.3'
Pressure Head: 2'
Total Dynamic Head: 15.8'
Supply Line Length: 70' of 2" PVC
Septic/Pump Tank Size: 1000/1000 gallons
Proposed Trench Bottom: 36"



Line	Design Length	# of Panels	Actual Length	Elevation
Orange 1	35'	8	35'	7.2'
White 2	40'	9	40'	8.6'
Yellow 3	52'	12	52'	9.8'
Blue 4	43'	10	43'	11.1'
Pink 5	30'	7	33'	12.7'

Initial System: 200'
Repair System: 3200 FT^2
Pump Tank: 14.7'
House Corner: 14.7'
Benchmark: 4.8'

Comments:
The soil in repair area in the lake setback has been previously approved.

PROPERTY ID #: 4614738928
COUNTY: Iredell

Approved
12/15/21 MD

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Gary Scott
ADDRESS: 131 Buttercup Dr, Mooresville, NC 28117
APPLICATION DATE
DATE EVALUATED: 11/2021
PROPOSED FACILITY: 3 BDRM PROPOSED DESIGN FLOW (.1949): 360 GPD PROPERTY SIZE: 0.67 AC
LOCATION OF SITE: 131 Buttercup Dr, CL&T Sec 6 Lot 300
PROPERTY RECORDED: 9/21/1976
WATER SUPPLY: X Private ☐ Public X Well ☐ Spring ☐ Other
EVALUATION METHOD: X Auger Boring X Pit ☐ Cut
TYPE OF WASTEWATER: X Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
PIT 1	LS 10%	0-6	Br CL WSBK	FR SS SP SXP	N/A	53"	N/A	N/A	PS 0.3
		6-36	R C SBK	FR SS SP SXP					
		36-53	R CL WSBK	FR SS SP SXP					
PIT 2	LS 10%	0-34	R C SBK	FR SS SP SXP	N/A	50"	N/A	N/A	PS 0.3
		34-50	R CL WSBK	FR SS SP SXP					
AB 1	LS 4%	0-3	FILL		N/A	48"	N/A	N/A	PS 0.3
		3-30	R C SBK	FR SS SP SXP					
		30-48	R CL WSBK	FR SS SP SXP					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400 FT^2	3200 FT^2
System Type(s)	PPBPS	TSII DRIP
Site LTAR	0.3	0.125

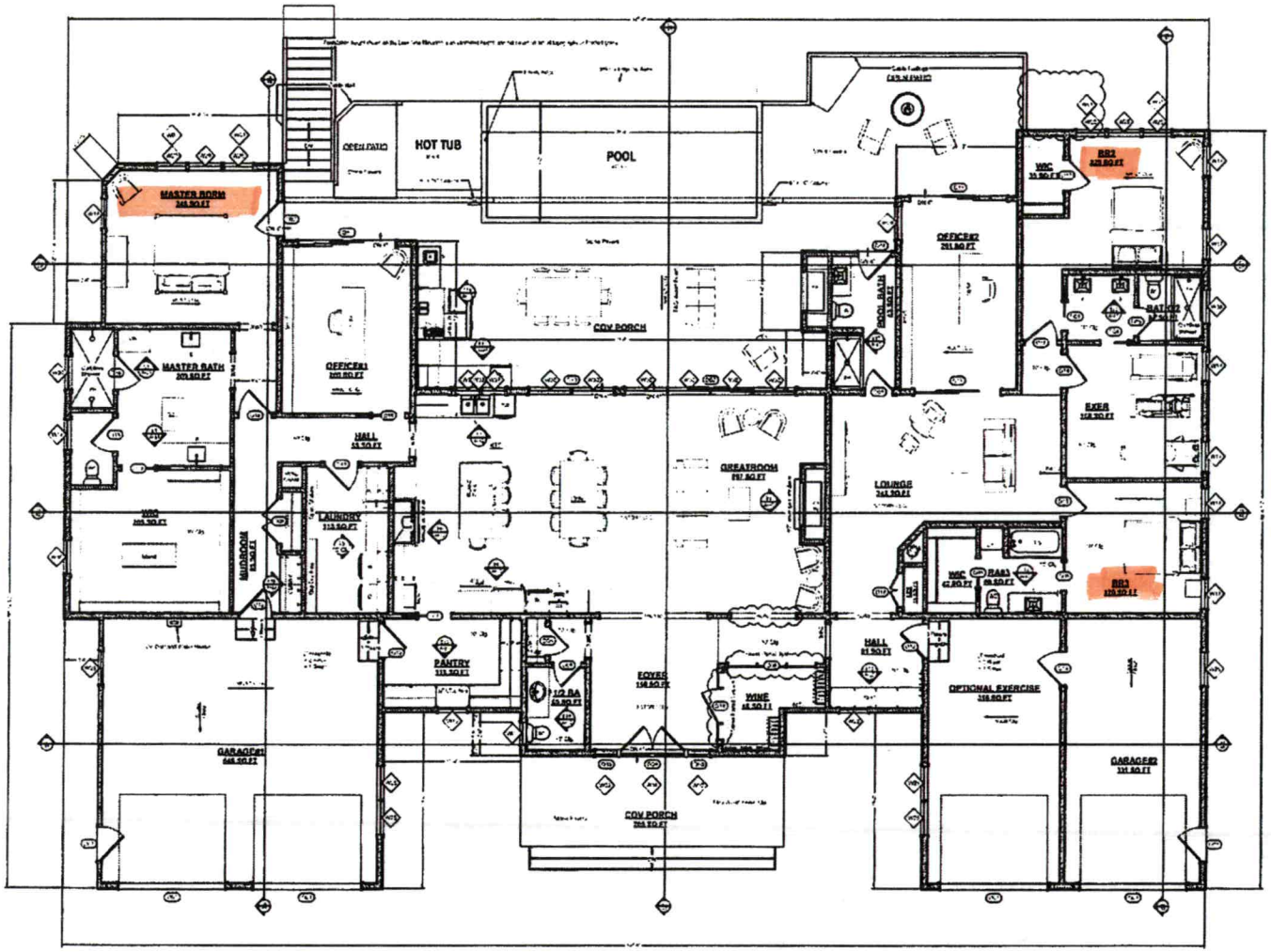
OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MA&A
OTHER(S) PRESENT:

COMMENTS:

Acknowledgement Of Plans Submittal ONLY!

Date _____

Date 2/17/22



FIRST FLOOR PLAN NOTED

PIPPIN HOME DESIGNS INC.

FELLOW MEMBER AIBD AMERICAN INSTITUTE OF BUILDING DESIGN

Creating where people live

A NEW CUSTOM HOME DESIGN FOR:
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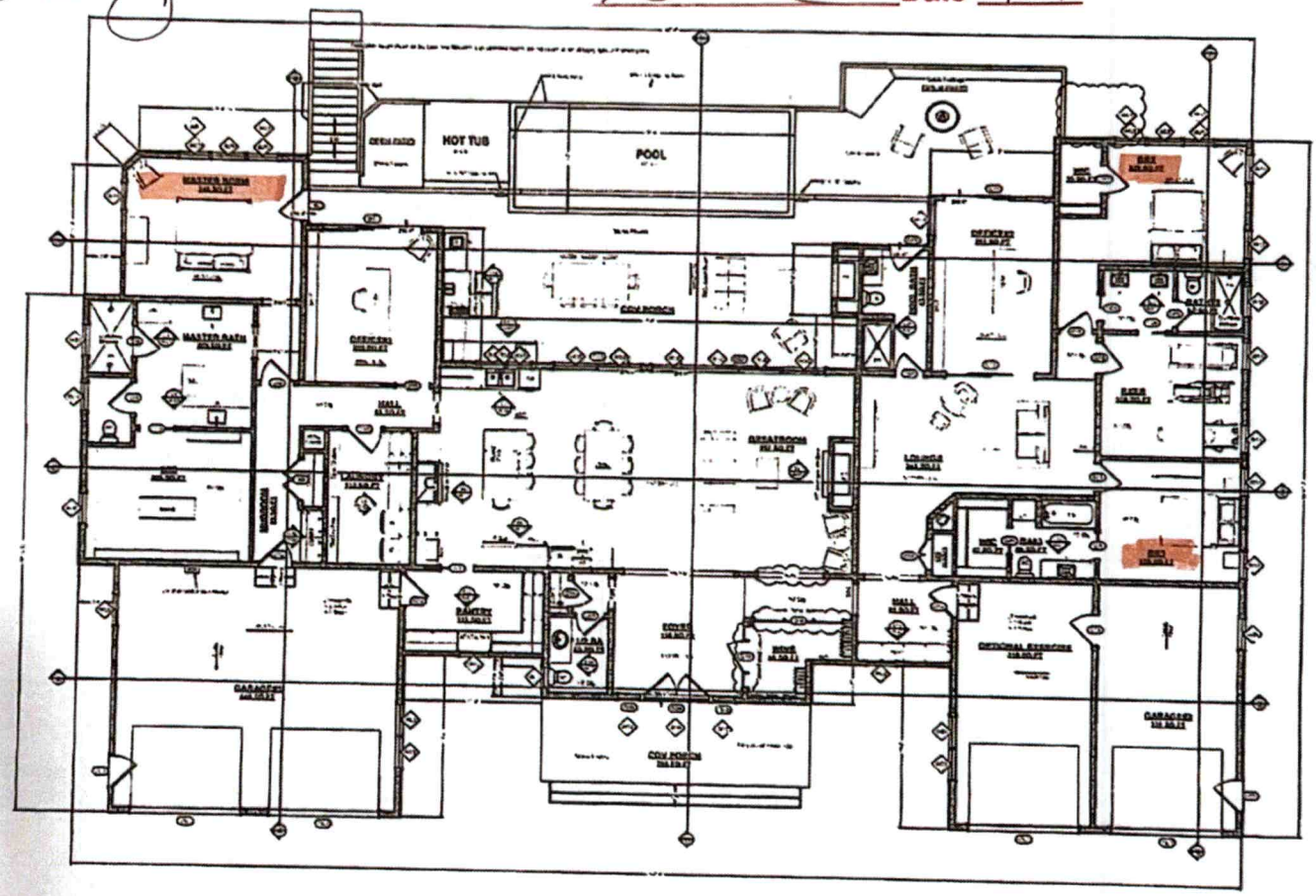
3/16/22

Hardy

Acknowledgement Of Plans Submittal ONLY!

_____ Date _____

_____ Date 2/17/22



FIRST FLOOR PLAN NOTED