BLDR 2023-14695

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 PERMIT # AP 2022-5059

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

PIN # 4665 -- 09 -- 6918

APPLICANT/OWNER: Clayton Homes APPLICANT ADDRESS: 2026 Northside Dr, Statesville, NC 28677

SITE ADDRESS: 171 Blackwelder Farm Dr, Mooresville, NC 28115 PHONE: 704-929-1552 ALT. PHONE –

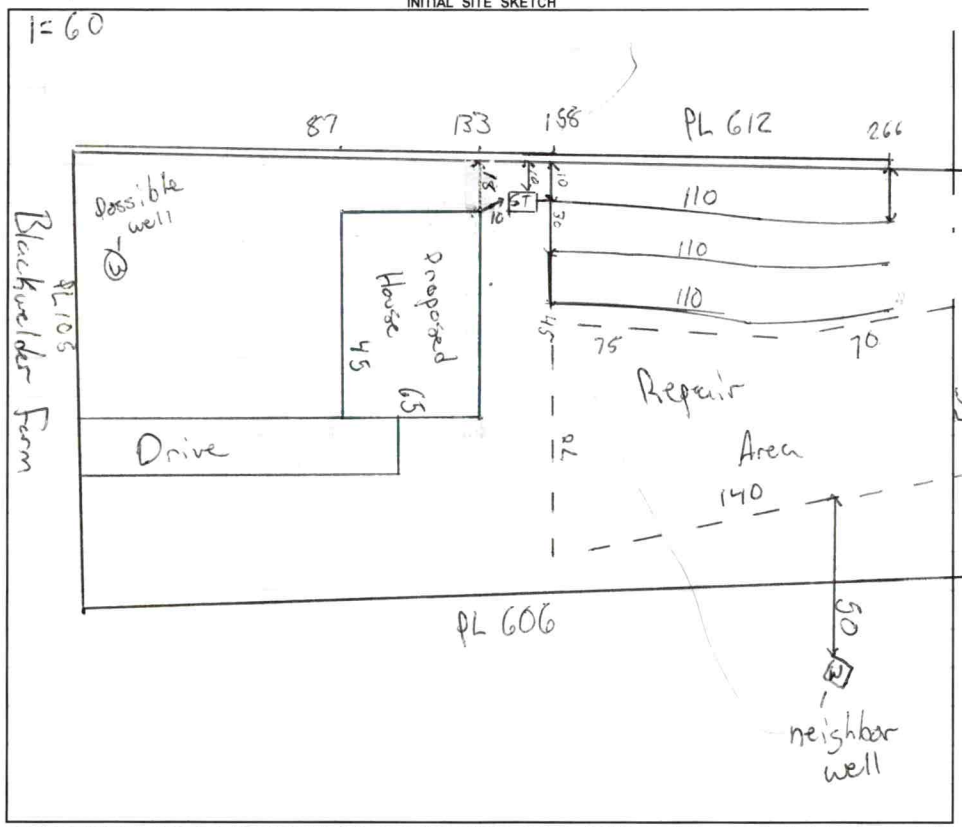
SITE DIRECTIONS: (L) on Bridgecrest Dr, (R) Fieldstone Rd, (R) White Oak, (L) Sheerer Rd, (R) Blackwelder Farm Road SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Blackwelder Farm Road SECTION: – LOT # 3 LOT AREA: 1.46 AC DESIGN FLOW: 360 L.T.A.R.: .275

Septic Tank	1000	(gal)	STB	760	Date	9/28/23	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms	3	Water Supply	
Pump Tank		(gal)	PT		Date		System Description:	25% Reduction - Serial			☐ Business	No. Persons	6	☑ Private	
Pump Make		Model			Serial #		Repair System Description:	25% Reduction - Serial			☐ Other	No. Employees		☐ Public	
# Nitrification Fields	1	# Lines	3		Linear Ft	328	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space		☐ Community	
Trench Width	36in	Trench Bottom Depth(~~Low side~~)			36 in max	Gravel Depth	N/A	☑ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing			☐ Basement w/o plumbing	

Comments / Conditions: Install on contour with 6ft on center. Serial distribution throughout. Maintain proper distance of 25ft off back of house.

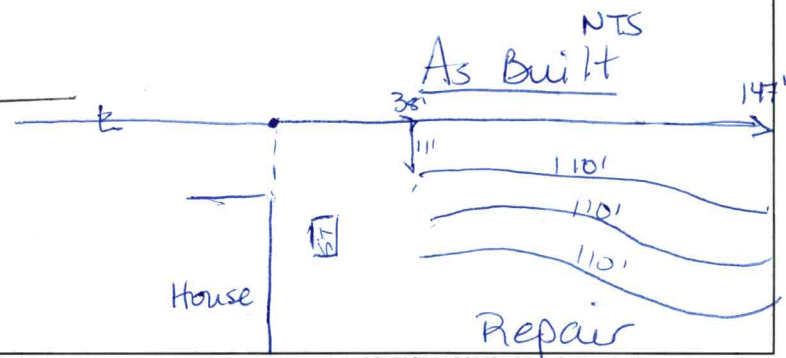
INITIAL SITE SKETCH



AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am

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.*

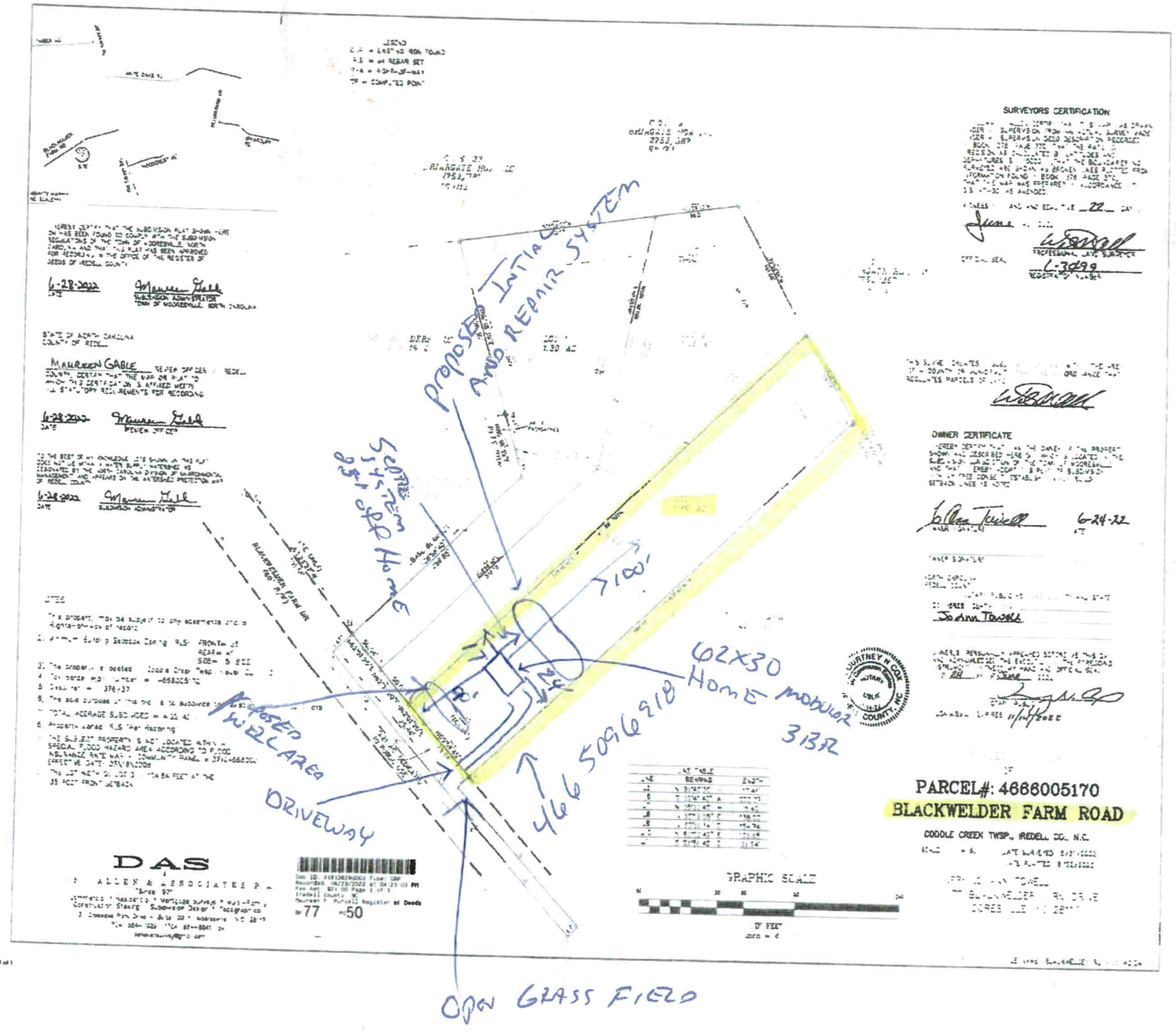
Owner / Applicant Signature: Online Signature Date: Installed by: Lentz Wastewater

IMPROVEMENT PERMIT by: Matt Win Date: 12/22/22 OPERATION PERMIT by: D. Wrebey Date: 4/20/23

AUTHORIZATION TO CONSTRUCT by: Matt Win Date: 12/22/22 Existing System Inspected by: Date:

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

LOT 3 : 1.46AC


SURVEYORS CERTIFICATION
OWNER CERTIFICATE
PARCEL#: 4666005170
BLACKWELDER FARM ROAD
CODDLE CREEK TWSP., IREDELL CO., N.C.
DAS
ALLEN & ASSOCIATES P.A.
Proposed Init. & Repair System
Existing Home
Proposed W/L Area
Driveway
62X30 Home Modular
313'
466'
509'
618'
Open Grass Field
GRAPHIC SCALE

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 1
PROPERTY ID #: 4765076916
COUNTY: Iredell

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

OWNER: Clayton Homes
ADDRESS: 2026 Northside Dr, Statesville, NC 28677
PROPOSED FACILITY: SFD
LOCATION OF SITE: 171 Blackwelders Farm Rd
APPLICATION DATE
DATE EVALUATED: 12/16/22
PROPOSED DESIGN FLOW (.1949): 360
PROPERTY SIZE: 1.46Ac
PROPERTY RECORDED: yes

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	FS 4%	0-6	SCL/GR	NS NP FR SE	-	53	Sap inclusions at 40+	Mica begins in CL	PS .3
		6-22	C/SBK	SS SP FR SE					
		22-53	CL/SBK	SS SP FR SE					
2	LS 2%	0-7	SCL/GR	NS NP FR SE	-	52	Sap + Litho at 30+	-	PS .275
		7-27	C/WSBK	S P FR SE					
		27-52	CL/SBK	SS SP FR SE					
3	FS 9%	0-6	SCL/SBK	NS NP FR SE	-	52	Sap inclusions begin at 20 Heavy at 42	-	PS .3
		6-18	C/SBK	SS SP FR SE					
		18-52	CL/SBK	SS SP FR SE					
4	LS 5%	0-6	SCL/SBK	SS SP FR SE	-	54	Sap inclusions at 19 Heavy Sap at 40+	-	PS .3
		6-14	C/SBK	SS SP FR SE					
		14-54	CL/SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	360	360
System Type(s)	25%	50%
Site LTAR	.275	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matthew Wilkerson
OTHER(S) PRESENT:

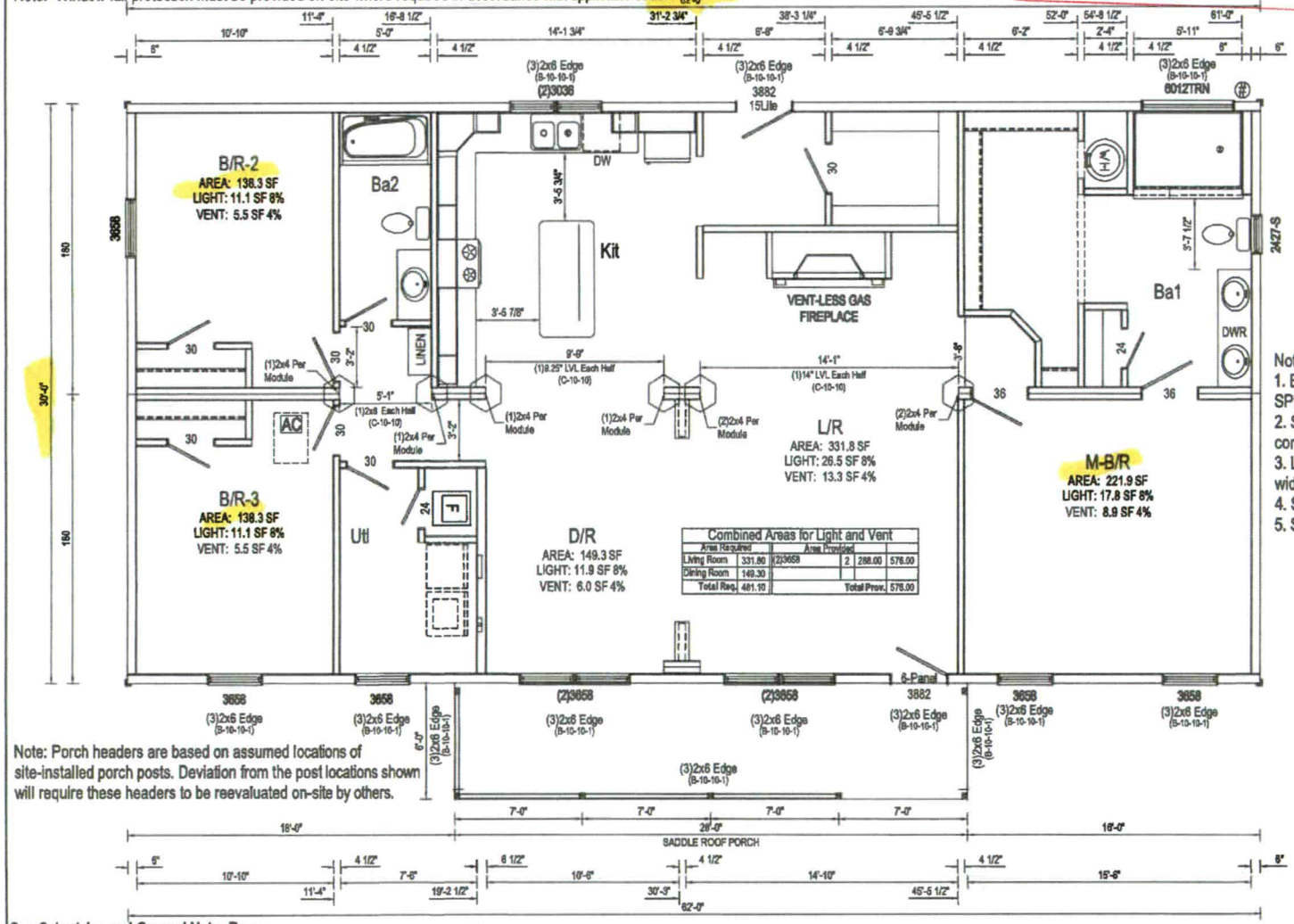
COMMENTS:

Updated February 2014

Acknowledgement Of
Plans Submittal ONLY!
Date 12/22/20

Date

Note: Window fall protection must be provided on-site where required in accordance with applicable code.



Combined Areas for Light and Vent					
Areas Required		Areas Provided			
Living Room	331.80	(2)3658	2	288.00	576.00
Dining Room	149.30				
Total Req.	481.10			Total Prov.	576.00

Notes:
1. Exterior opening headers and jack studs are SPF #2 unless otherwise noted.
2. Sidewall headers may use alternate construction per section B-10 of Systems Manual.
3. LVL's where specified to be minimum of 1 1/2" wide, M.O.E. = 2.0 and fb = 2900 PSI.
4. See C-10-45 for stair opening framing.
5. See C-10-105 for dormer opening framing.

Note: Porch headers are based on assumed locations of site-installed porch posts. Deviation from the post locations shown will require these headers to be reevaluated on-site by others.

See Schedules and General Notes Page
⬡ = Column Support Location
AC = Attic Access

Note:
* LVLs noted must extend past column on at least one end 24" minimum and be overlayed with OSB sheathing.

APPROVED BY
NTA 8/4/2020
Approval of this document does not authorize or approve any deviation or deviations from the requirements of applicable State Laws
Kip Whitehead

Builder: R-Anell Housing Group, LLC - Subsidiary of The Commodore Corp.	Cutsheet: 3262	Revisions	Scale: 3/16" = 1'-0"	Date: 07/29/2020	Cust:Stock Dir: Clayton Statesville SN: 42622	Model/Eng. No.: 1B1017-V1
Title: Floor Plan		Drawn By: NE	Reference: NONE			Pg: FP