MANF-2022-11949

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 2022-5010

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

PIN # 4844 -- 22 -- 7743

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

SITE ADDRESS: 453 Warren Bridge Rd Union Grove NC 28689 PHONE: 704-929-1552 ALT. PHONE

SITE DIRECTIONS: I-40 to I-77 N to exit 65 Car 901 on Warren Bridge Sit on L SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: SECTION: LOT # LOT AREA: 110.029 Ac DESIGN FLOW: 480 L.T.A.R.: 30

Septic Tank 1000 (gal) STB 854 Date 10/7/22
Pump Tank (gal) PT Date
Pump Make Model Serial #
Nitrification Fields 1 # Lines 4 Linear Ft 400
Trench Width 36 in Trench Bottom Depth(Low side) 30 in max Gravel Depth

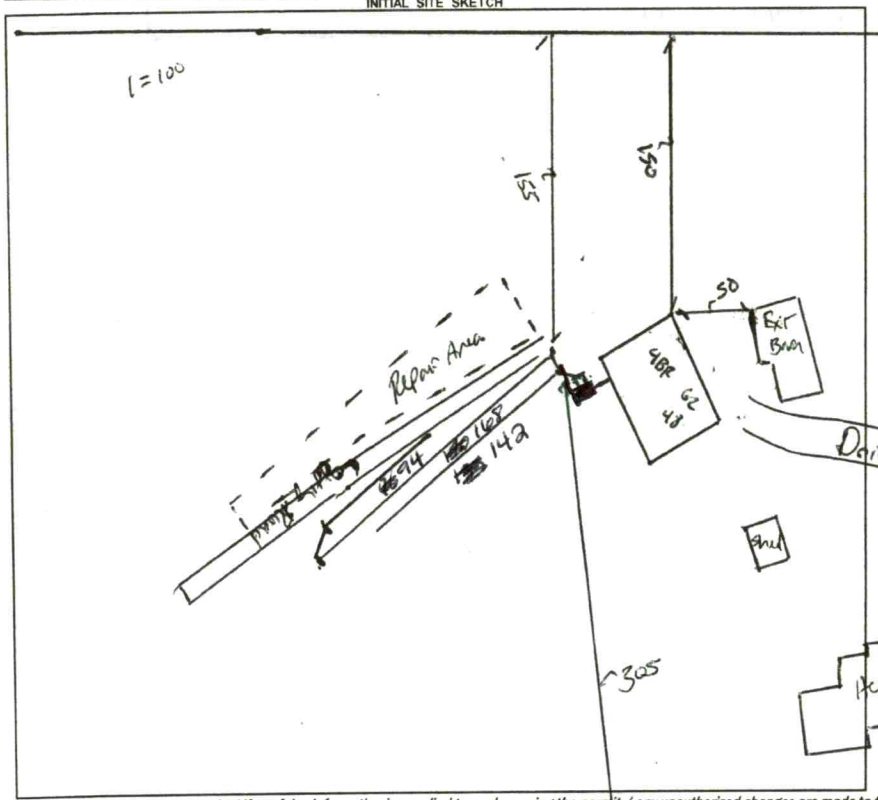
☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI
System Description: Gravity - 25% Reduction
Repair System Description: LP-PPBPS - 50% Reduction
Maintenance Agreement Required: ☐ YES ☒ NO
☒ GRAVITY ☐ PRESSURE

☒ 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: Install the Drawings at Center of the Land Utilize Serial Distribution. Pond, Drive, Pool, Pipe, or bldg within 10' Drain Lines

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.

See as built line lengths at left, tank orientation

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: Installed by: Justin Price

IMPROVEMENT PERMIT by: Date: 11/30/2022 OPERATION PERMIT by: D Wolberg Date: 2/8/23

AUTHORIZATION TO CONSTRUCT by: Date: 12/15/22 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? _____	

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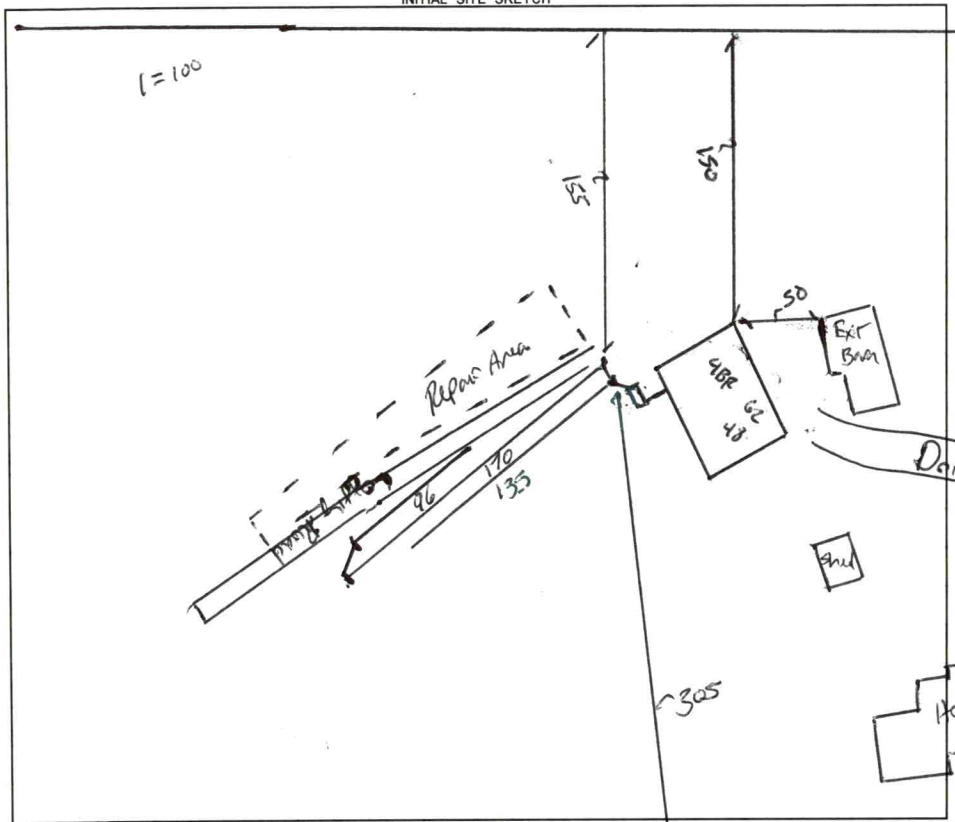
SITE DIRECTIONS: I-40 to I-77 N to exit 65 Left on 901 R on Warren Bridge Sit on L SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: SECTION: LOT # LOT AREA: 110.029 Ac DESIGN FLOW: 480 L.T.A.R.: 30

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	(gal)	PT	Date	System Description: Gravity. 25% Reduction	☐ Business	No. Persons 8	☐ Private
Pump Make	Model		Serial #	Repair System Description: LP-PPBPS. 50% 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 in	Trench Bottom Depth(Low side) 30 in max		Gravel Depth	☒ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing	

Comments / Conditions: Install 4 th Downlines at Center of the Level. Utilize Serial Distribution. Pond Drive, Pave, Power, as by within 5 ft Drawing

INITIAL SITE SKETCH



AS BUILT SKETCH

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Owner / Applicant Signature: Date: Installed by:

IMPROVEMENT PERMIT by: Date: 11/30/2022 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Date: 12/15/22 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? _____	

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

Sheet 1 of 1
PROPERTY ID #: 4824227213
COUNTY: Iredell

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

OWNER: Clayton Homes / Ann W White
ADDRESS: 2026 Northside Drive SVL NC 28677.
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480.
LOCATION OF SITE: 4155 Walker Bridge Rd Mtn Grove.
APPLICATION DATE: 9/30/22
DATE EVALUATED: 11/3/22
PROPERTY SIZE: 110.
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) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	S:ds 8%	0-11	SC-GR	NS NP FMSBK	2.5YR 4/8	52	-	-	PS .30 Upper Critical plow pan Layer
		11-32	C-MSBK	SS Sp FR SBK					
		32-52	CL WSBK	SS Sp FR SBK					
2	S:ds 10%	0-6	SC-GR	NS NP VFR	2.5YR 4/8	53	-	-	PS .30 Many to Com SAP Inclusions Beginning @ 42 Inches
		6-33	C-SBK	SS Sp FR SBK					
		33-53	CL WSBK	SS Sp FR					
4	S:ds 10%	0-6	Compacted C		2.5YR 4/6	60			PS .30 Deep. 42+ VFR CL Few to Common SAP @ 30+
		6-27	C-MSBK	SS Sp FM SBK					
		27-60	CL-MSBK	SS Sp FM-FR SBK					
3	S:ds 8%	0-9	SC-Some Minor Compaction		2.5YR 4/8	52	-	-	PS .30 Few SAP Inclusions @ 39+ Inches
		9-32	C-SBK	SS Sp FR SBK					
		32-52	CL WSBK	SS Sp FR SBK					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS 400	267
System Type(s)	GR-25%	LP-50%
Site LTAR	.50	.30

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

COMMENTS:

Updated February 2014

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.

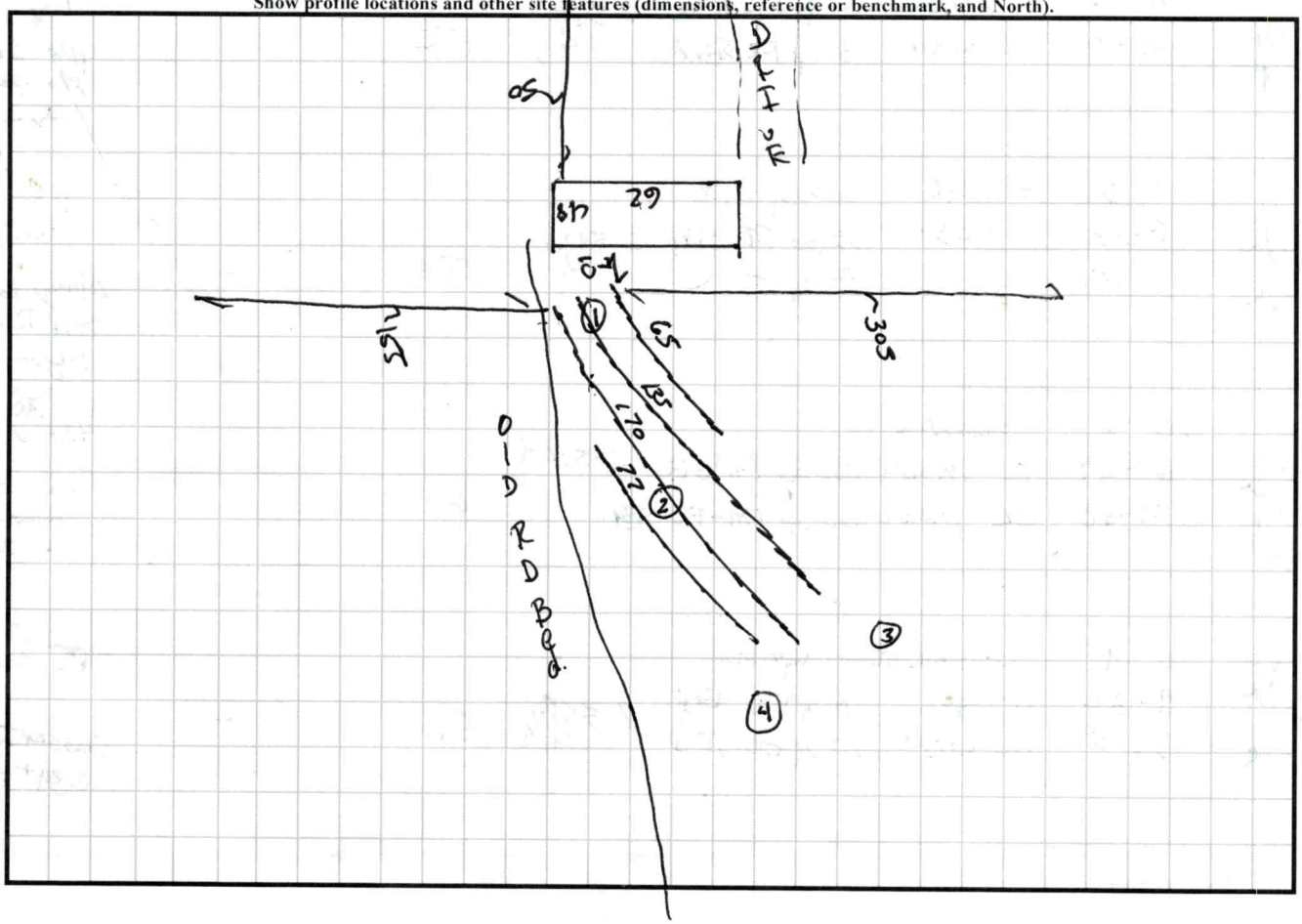
NOTES

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

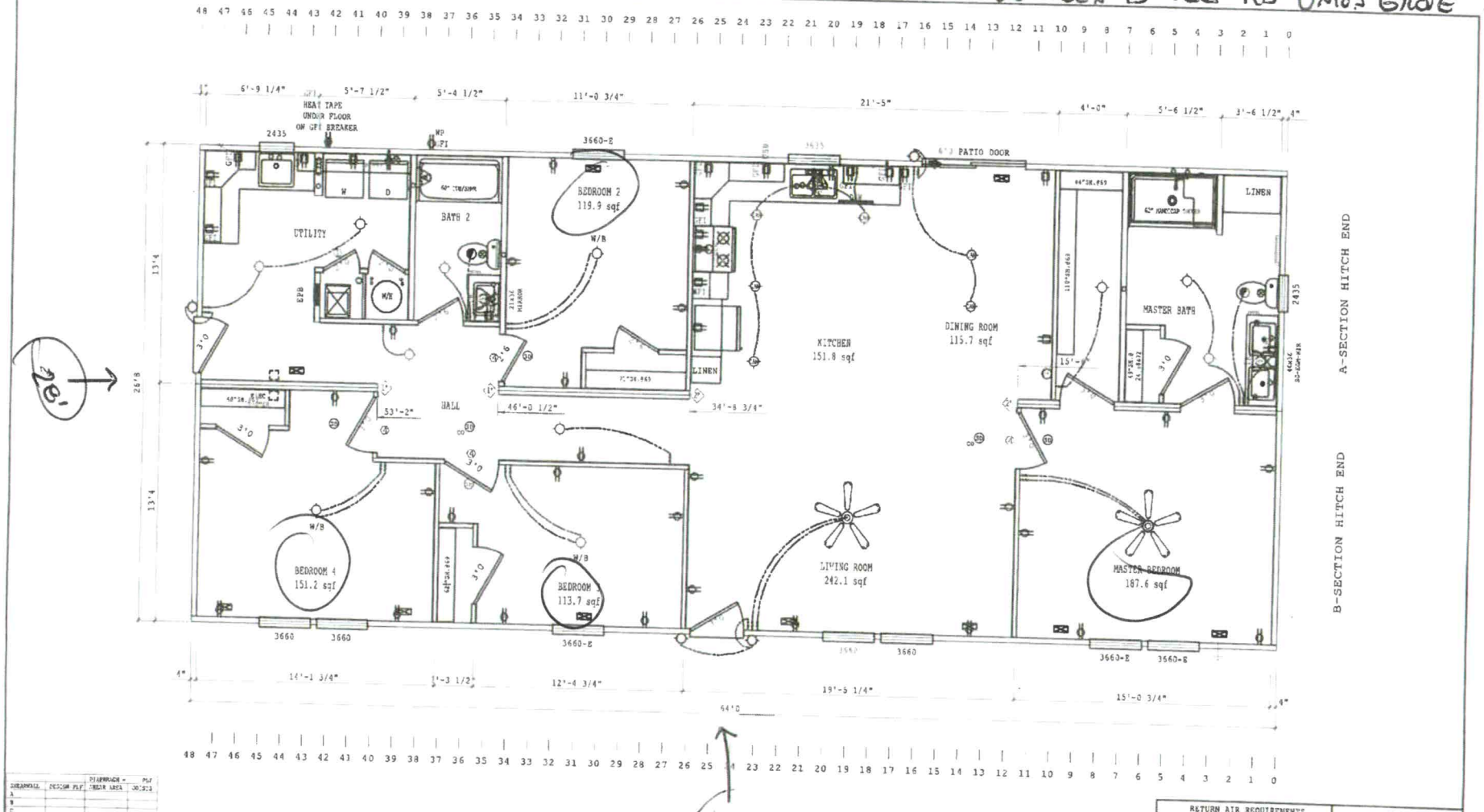
Show profile locations and other site features (dimensions, reference or benchmark, and North).



11/30/22

Acknowledgement Of
Plans Submittal ONLY!
BAB. Date 12-15-2022.
Date

DOUBLEWIDE HOME 64×28 WARREN BRIDGE RD UNION GROVE



BRAND	SERIES
SCHULT	MD28

CLAYTON HOME BUILDING GROUP

REVISIONS	BY	DATE

GENERAL NOTES
CEILING HEIGHT = 96.00
REFER TO DAPIA PAGE MHP-2.0 FOR AREA LIGHT & VENT
REFER TO DAPIA PAGE EL-1.2 FOR ELEC. SYMBOL & BRANCH CIRCUIT NUMBER
FLOOR FRAMING SPACING = 16
TOTAL WINDOW SQFT =ENTER TOTAL CALCULATED

DRAWING TITLE
MASTER PLAN
MASTER PLAN

RETURN AIR REQUIREMENTS
1. 20"x30" GRILL REQUIRED
2. 4"x10" GRILL W/ 2 1/2" DOOR UNDERCUT
3. DOOR(S) MUST BE UNDERCUT 2 1/2" MIN.
4. 4"x24" OR 6"x14" GRILL REQUIRED

* INDICATES REQUIRED NUMBER OF STUDS IN COLUMN
^ THE ^ SPECIFIES THAT THERE CAN BE NO HOLES IN STUDS IN COLUMNS

MODEL NAME	SQ. FT.
4620-RE	1706

PLAN#	DESCRIPTION	MODEL NO.
958	28X64 4BR-2BA	SN254307

DRAWN BY	ORIG. DATE	DATE PRINTED	SHEET NO.
TFH	09/19/2022	09/19/2022	1-1