ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 323103

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

PIN # 4764 -- 45 -- 4708

APPLICANT/OWNER: Randy Wilson - Wilson Building APPLICANT ADDRESS: PO Box 6658 Statesville NC 28687

SITE ADDRESS: 105 Capstone Court Statesville NC 28625 PHONE: 704 8810071 ALT. PHONE —

SITE DIRECTIONS: Hwy 64 to Bell Farm to Skyland Drive to Carters Farm Capstone on Right SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Carters Farm SECTION: 1 LOT # 8 LOT AREA: .772 DESIGN FLOW: 480 L.T.A.R.: .25

Septic Tank	1000	(gal)	STB	760	Date	5/6/22	☒ 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:	PPBPS - 50% reduction			☐ Other	No. Employees		☒ Public
# Nitrification Fields	1	# Lines	4		Linear Ft:	480	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space		☐ Community
Trench Width	36 in	Trench Bottom Depth(Low side)		24 in	Gravel Depth	—	☒ GRAVITY	☐ PRESSURE			☐ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions.

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:

Soil & Forestry Services of the Carolinas PA

LSS # 1231 Dated May 7th 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.

Installed as Drawn

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**

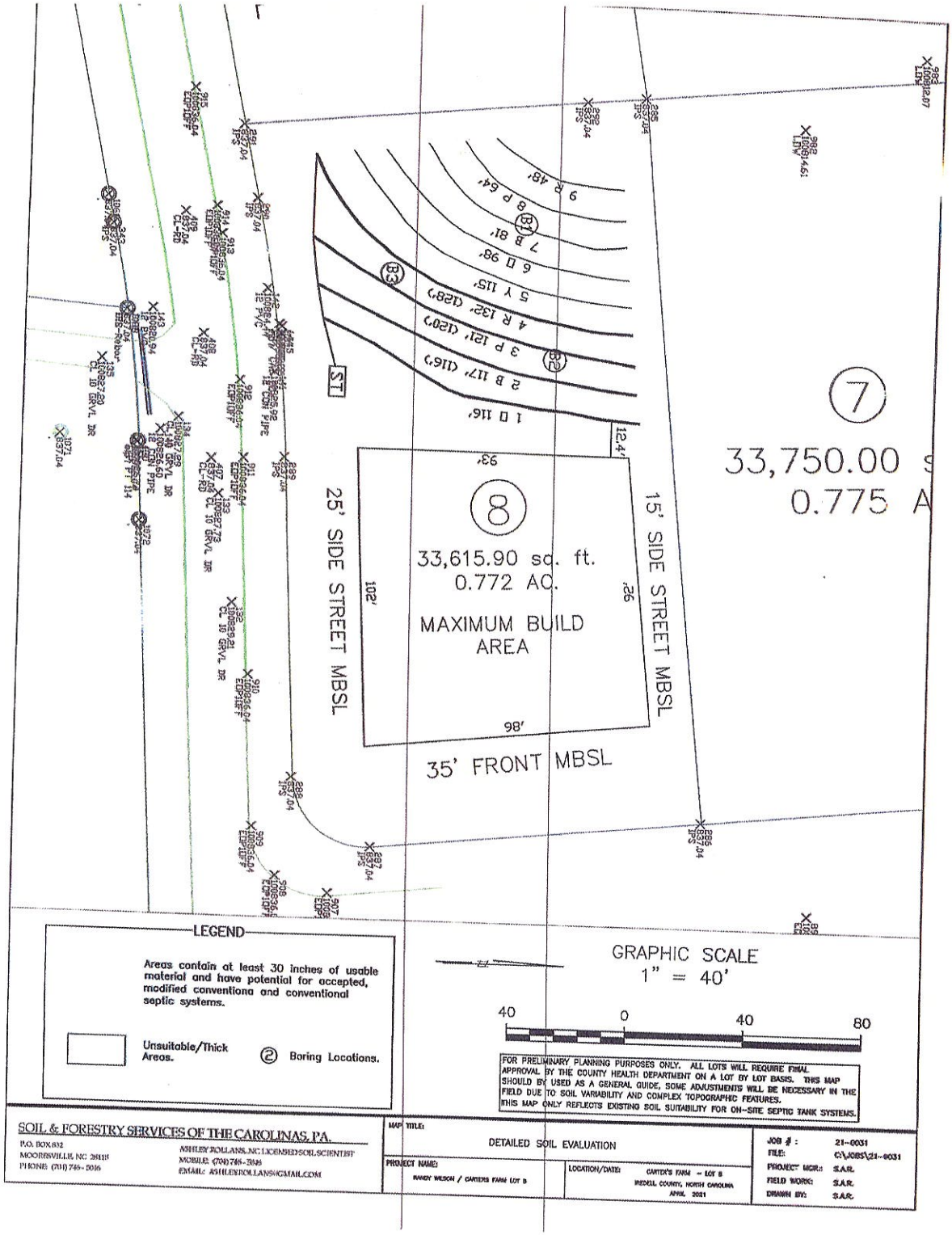
☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* ☐ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: 12/20/2021 Installed by: Williams Excavating

IMPROVEMENT PERMIT by: Benjamin A Botts Date: 11/30/2021 OPERATION PERMIT by: Cary Wilson Date: 6/24/22

AUTHORIZATION TO CONSTRUCT by: Benjamin A Botts Date: 12-29-2021 Existing System Inspected by: Date:

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


9 R 48'
8 P 64'
7 B 81'
6 D 98'
5 Y 115'
4 R 132' (128')
3 P 121' (120')
2 B 117' (116')
1 D 116'
12.4'
93'
8
33,615.90 sq. ft.
0.772 AC.
MAXIMUM BUILD AREA
102'
26'
98'
25' SIDE STREET MBSL
15' SIDE STREET MBSL
35' FRONT MBSL
7
33,750.00 s
0.775 A
LEGEND
Areas contain at least 30 inches of usable material and have potential for accepted, modified conventiona and conventional septic systems.
Unsuitable/Thick Areas.
② Boring Locations.
GRAPHIC SCALE
1" = 40'
40 0 40 80
FOR PRELIMINARY PLANNING PURPOSES ONLY. ALL LOTS WILL REQUIRE FINAL APPROVAL BY THE COUNTY HEALTH DEPARTMENT ON A LOT BY LOT BASIS. THIS MAP SHOULD BY USED AS A GENERAL GUIDE, SOME ADJUSTMENTS WILL BE NECESSARY IN THE FIELD DUE TO SOIL VARIABILITY AND COMPLEX TOPOGRAPHIC FEATURES.
THIS MAP ONLY REFLECTS EXISTING SOIL SUITABILITY FOR ON-SITE SEPTIC TANK SYSTEMS.
SOIL & FORESTRY SERVICES OF THE CAROLINAS, PA.
P.O. BOX 832
MOORESVILLE, NC 28115
PHONE (704) 746-2016
ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746-2016
EMAIL: ASHLEYROLLANS@GMAIL.COM
MAP TITLE: DETAILED SOIL EVALUATION
PROJECT NAME: RANDY WILSON / CARTERS FARM LOT 8
LOCATION/DATE: CARTER'S FARM - LOT 8 IREDELL COUNTY, NORTH CAROLINA APRIL, 2021
JOB # : 21-0031
FILE: C:\JOBS\21-0031
PROJECT MGR.: S.A.R.
FIELD WORK: S.A.R.
DRAWN BY: S.A.R.

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 21-0031
May 7th, 2021

WILSON BUILDING INC.
Attn: *Randy Wilson*
Email: wilsonbuildinginc@gmail.com

RE: Soil & Site Evaluation for a 4 Bedroom Residence on Lot 8 Carters Farm Subdivision, 0.772 ac Parcel, PIN# 4764454708, 105 Capstone Court, Statesville, NC 28625.

Mr. Wilson:

At your request Soil & Forestry Services of the Carolinas (S&FS) has performed soil/site evaluations on parcel noted above. The Lot size is noted on the attached survey map & soil evaluation form. The purpose of our work was to identify soil areas with potential to support subsurface wastewater disposal systems and provide design details for Session Law submittal to Iredell County Health Department.

Site Conditions

At the time of our evaluation land cover on the property was mostly open in the back with scattered hardwoods in the front. Topography within the evaluated area was gentle slope near the house site and proposed drainfield area. Property corners were marked at the time of the evaluation by Jordan Grant & Associates. An Autocad File of the subdivision was used as a basemap. The proposed septic layout was located via GPS and used to produce the attached *Site Plan*. The house envelope is illustrated as the maximum buildable footprint. All structures must stay within this area. Any proposed pool must be a minimum of 15 feet from the septic tank or proposed drainfield.

Methodology

We evaluated soil areas through the use of hand augers. Soil morphological conditions including color, texture, structure, etc. were reviewed in the field with three on the property flagged and located via GPS. All of the hand augers are located in the proposed system and repair areas. Soil suitability was determined by referencing 15A NCAC 18A.1900 "Laws and Rules for Sewage Treatment and Disposal Systems". *Soil & Site Evaluation Forms* were utilized to record the soil morphological data for each boring. The house envelope was established on the Site Plan. An on-ground layout of system and repair was performed using a laser level. Pin flag locations of the layout were also located by GPS. Detailed system & repair information is summarized in the following paragraph for this Lot.

105 Capstone Court - Lot 8 Carters Farm *(See Attached Design)*
The septic layout for this lot (9' centers) yielded a total of 892 linear feet of line. The primary system is proposed as 480 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth is specified at 24 inches. The repair system is proposed as 320 linear feet of PPBPS drainfield with gravity distribution. There is 406 linear feet available for repair. Trench depth is specified at 30 inches.

Session Law Requirements

An LSS Evaluation may be submitted in conjunction with a complete application to the LHD. The application shall include all information described in 15A NCAC 18A .1937(d) and be accompanied by a signed and dated statement from the applicant (owner or owner's legal representative) that reads as follows:

"The LSS Evaluation attached to this application is to be used to produce design and construction features for permitting in accordance with SL 2018-114 Section 11.(c).".

Owner

Date

Print Name Richard Evans
Signature

6/10/21

The LSS Evaluation shall include a statement bearing the LSS seal and signature that reads as follows:

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

Disclaimer
This report reflects the findings of S&FS, PA. *This LSS Evaluation is being submitted pursuant to and meets the requirements of SL 2018-114 Section 11.(c).* Any site modifications that impact the proposed septic areas on 105 Capstone Court - Lot 8 of Carters Farm Subdivision may nullify this design. System design requirements and site requirements shall be adhered to for installation and Operations Permits to be issued by the local Health Department. If you have questions regarding these requirements a Pre-Construction meeting should be scheduled to discuss. Please contact S&FS if you have any questions regarding this report or the attached information. S&FS also offers septic system inspection, wetland delineation and forestry services.

Sincerely,

S. Ashley Rollans, LSS
Attachment: *Septic Design*

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Attached is a proposed design for an Accepted Septic System with gravity dist. for a 4 bedroom single family residence on Lot 8 Carters Farm, 105 Capstone Ct., Statesville 28625, Iredell County, NC. PIN#: 4764454708

Contents:

	Page
Information for the Installer	1
Design Information	
Design Specifications	2-3
Layout Specifications	4
Site Plan/System Plan	5
Calculations	6
Profile Descriptions	7
Application	8-9
Green Sheet	10
Agent Authorization Form	11
Plat	12

5/7/2021
Project #: 21-0031
Design By: Soil & Forestry Services of the Carolinas, PA

INFORMATION FOR THE INSTALLER:

The permit should be read very carefully prior to bidding. The following are details that must be considered along with all other considerations.

- Tanks shall be approved by NC DHHS, and certification supplied by the manufacturer.
- Tanks shall be water tested prior to installation.
- The installer shall be responsible to the owner for placement of the tanks and to insure that final grades are returned to the original natural grade, with exception of added structural features.
- The supply trench shall be compacted to eliminate cavities left during initial fill placement.
- Installation of the system shall be during dry conditions in order to protect the soil structure.
- All fittings shall be pressure rated fittings.
- All joints shall be cleaned with PVC pipe cleaner and a heavy bodied glue applied to weld all joints.
- Where required by the county health department, post installation inspections by the designer must be scheduled 5 week days in advance.
- Trenches shall be carefully excavated so the bottom is within 2" from the highest to . the lowest points of elevation within the trench. If the bottom elevation needs adjusting after it has been trenched, it will be done by removing high points rather than filling low points. It is extremely important to insure that trenches are not over excavated during initial trenching. All fine grading within the trench will be hand done with a shovel. No loose material will be left in the trench
- All pipe openings in the tanks shall be properly grouted. This also applies to the joints around the riser.
- All tanks shall be properly back filled and compacted to prevent slump at a later date.
- Earth dams, constructed of relatively impervious material, shall be installed at the beginning and end of each lateral.
- No heavy equipment shall be used on the field during or after installation. The use of a small loader (i.e. Bobcat) or a trencher (i.e. Ditch Witch 2300/2310) may be used for installation.
- Elevations at pinflag locations should be checked by the installer prior to beginning trenches.
- Septic tank riser shall be a minimum of 6" above finished grade.
- System is specified as a gravity 25% reduction (Accepted) installation.
- Repair is specified a gravity PPBPS sytem.

GRAVITY ACCEPTED SYSTEM FOR WASTEWATER TREATMENT

Owner/Applicant:	Wilson Building Inc.
Address:	P.O. Box 6658 Statesville, NC 28687
Phone:	704.881.0071
County:	Iredell
Location:	105 Capstone Court Statesville, NC 28625
Source of Wastewater Flow:	4 Bedroom Single Family Residence
Estimated Gallons Per Day Flow:	480
System Flow:	N/A

Design Specifications

Drainfield Size:	480
Loading Rate (gpd/ft.^{2}):	0.25
Depth of Gravel in Trench:	N/A
Gravel Size:	N/A
Max.Trench Depth (LOW SIDE):	24 in. Repair Trench Bottom 30 in.
Trench Width:	36 in.
Septic Tank Size:	1000
Estimated Supply Line Length:	18
Supply Line Diameter:	4 in. SCH 40 PVC
Supply Line Volume:	11.75
Dosing Volume:	N/A
Supply Manifold:	N/A
Supply Manifold Length:	N/A
Supply Manifold Volume:	N/A
Recommended Float Controls:	N/A
Recommended Control Panel:	N/A
Pressure Head:	N/A
Friction Head:	N/A
Elevation Head:	N/A
Total Dynamic Head:	N/A
Threaded Union:	N/A
Gate Valves:	N/A
Check Valves:	N/A
Anti-Siphon Hole:	N/A
Additional Comments:	Soil suitability was performed by Soil & Forestry Services of the Carolinas, PA

105 Capstone Court

ACCEPTED SYSTEM

DESIGN FLOW (gpd):	480
SOIL APPLICATION RATE (gpd/ft.^{2}):	0.25
TOTAL AREA TRENCH BOTTOM:	1440
TOTAL LATERAL LENGTH:	480
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	480
SUPPLY LINE LENGTH:	20
TOTAL DYNAMIC HEAD:	N/A
MANIFOLD SIZE:	N/A
DOSING VOLUME:	N/A
PUMP TANK DRAW DOWN*:	N/A
SEPTIC TANK SIZE:	1000

Layout Specifications - 105 Capstone Court - Lot 8

Project #: 21-0031

LAYOUT FOR 4 BEDROOM HOME

5/7/2021

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM							
INSTR. 1							
1	*ORANGE*					*116*	*116*
2	*BLUE*					*117*	*116*
3	*PINK*					*121*	*120*
4	*RED*					*132*	*128*
5	YELLOW					115	115
6	ORANGE					98	98
7	BLUE					81	81
8	PINK					64	64
9	RED					48	48
						892	*886*

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION	TRENCH DEPTH
** System*	*480*	*0.250*	*ACCEPT.*	*0.250*	*25% RED*	*GRAVITY*	24"
Repair	*406*	0.250	MOD. CONV.	0.250	PPBPS	GRAVITY	30"

Notes: **All measures in feet

**Nitrification lines are demonstrated on contour via colored pin flags

**Nitrification lines were located by GPS.

** Property corners & lines located by survey (Jordan Grant & Associates)

CALCULATIONS

Location 105 Capstone Court
Statesville, NC 28625
Project Number 21-0031

Lot No: 8

No. of Bedrooms 4

Design Flow 480 $^{gal}/_{day}$

LTAR 0.250 $^{gal}/_{ft^2\ day}$

PPBPS? (YES OR NO) NO

Supply Line Length 18 ft.

Supply Line Volume 11.754 gal.

Required Feet of Line 480 ft.
Amount of Line from Layout 480 ft.

Gallons per Minute N/A $^{gal}/_{min}$

Required Septic Tank Capacity 1000 gal.
Septic Tank Size 1000 gal.

Panel Volume N/A gal.
# of Panels N/A
Dosing Volume N/A gal.

Tank Draw Down N/A

Pump Run Time

Elevation Head N/A ft.
Pressure Head N/A ft.
Friction Factor N/A ft./100 ft. *(From the interpolater.)*
Friction Head N/A ft.

Total Dynamic Head (+15%) N/A ft.

FRICTION FACTOR
INTERPOLATER
2" SCH 40 PVC

GPM	*f*
20	0.84
	-0.88
25	1.27
	-1.28
30	1.78
	-1.76
35	2.37
	-2.25
40	3.03
43.07	3.48
45	3.77
48.14	4.28
50	4.58
57.11	5.89
60	6.42

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

Sheet 1 of 1
PROPERTY ID #: 4766454068
COUNTY: Iredell

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

OWNER: Randy Wilson
ADDRESS: P.O. Box 6058 Statesville NC 28687
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480 gpd
LOCATION OF SITE: 105 Capstone Ct, Statesville NC 28625
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☑ Auger Boring ☐ Pit ☐ Cut
APPLICATION DATE
DATE EVALUATED: 4/8/21
PROPERTY SIZE: 0.772
PROPERTY RECORDED: Yes
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
B1	L/5%	0-12	BCl wfsbk	Fr SS SP SEXP	-f[Fe]depl -F[Mn] conc	48	–	–	PS 0.25-.275
		12-24	RBc wmsbk/Abk	Fr " P "					
		24-48	RCwmAbk/sbk	" " " "					
B2	L/10%	0-10	BCl wfsbk	Fr SS P SEXP	-f[Fe]depl -f chr'sd(4H"	48	–	–	PS-4H 0.25 24" TP
		10-48	BRc wmsbk/Abk	Fr SS P SEXP					
B3	L/8%	0-18	BCl wfsbk	Fr SS P SEXP	-f[Fe]depl -f[Mn] conc	48	–	–	PS 0.25-.275
		18-26	RBc wmsbk	Fr SS P SEXP					
		26-48	BRc wmsbk/Abk	Fr SS P SEXP					
4									

LICENSED SOIL SCIENTIST Samuel A. Rollins 1231

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted	PPBPS
Site LTAR	0.25	0.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: S. Ashley Rollins
OTHER(S) PRESENT:

COMMENTS:

Updated February 2014

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

RECEIVED NOV 2 2 2021

Rec'd Session Law Packet

Paid $500.00

AP- 323103

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: Randy Wilson - Wilson Building Inc Address: P.O. Box 6658 Statesville NC Zip: 28687
Applicant Email: wilsonbuilding inc@gmail.com Phone: 704 881 0071 Alt. Phone: _____
Owner Name: Same as above Address: _____ Zip: _____
Owner Email: _____ Phone: _____ Alt. Phone: _____

Property Information:

Street Address: 105 Capstone Court Statesville NC 28625
Subdivision Name: Carters Farm Section/Phase: _____ Lot Number: 8
Driving Directions: see Address

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

( ) New Single Family Residence Maximum Number of Bedrooms: 4
( ) New Multi-Family Residence Maximum Number of Occupants: 8
( ) Accessory Building ( ) Swimming Pool
( ) Bedroom(s) Addition ( ) Other Addition/Structure: _____
( ) 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: _____

CHECK FOUNDATION TYPE

(✓) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

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: Accepted

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: _____ 5/7/21
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

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.

I, [signature], am the legal owner(s) of the property located at 195 Capstone Ct. Statesville NC 28625, identified as PIN (Parcel Identification Number) 4764454708, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Matthew Evans Holloway Family Homes, 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.

[signature] 6/10/21 — [signature] 6/10/21

Signature of Owner(s) Date — Signature of Witness Date

Please return this signed form to the appropriate office:

Mooresville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

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

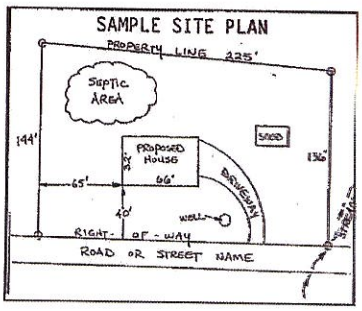
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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 OR WELL PERMIT!!!*

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

- (X) **Property Line measurements are clearly identified**
- (X) **All proposed structures are indicated**
- (X) **Front and side setbacks from property line**
- (X) **Preferred driveway location**
- (X) **Preferred well location**
- (X) **Preferred septic system location**
- (X) **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

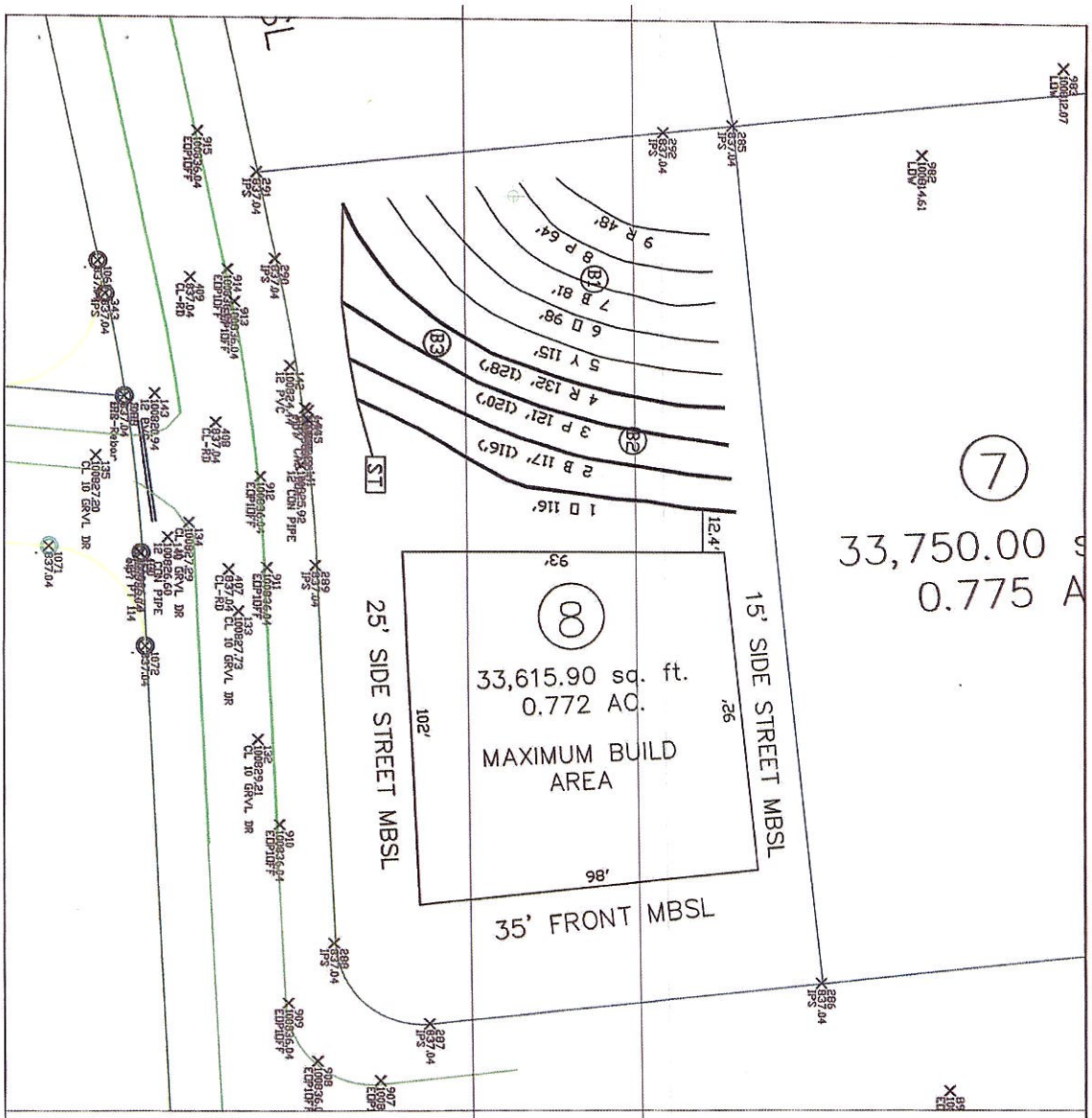
USE THIS SPACE TO DRAW YOUR SITE PLAN

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

See Attached

Signature: _____ 5/7/20

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



LEGEND

Areas contain at least 30 inches of usable material and have potential for accepted, modified conventiona and conventional septic systems.

Unsuitable/Thick Areas.

② Boring Locations.

GRAPHIC SCALE
1" = 40'

40 0 40 80

FOR PRELIMINARY PLANNING PURPOSES ONLY. ALL LOTS WILL REQUIRE FINAL APPROVAL BY THE COUNTY HEALTH DEPARTMENT ON A LOT BY LOT BASIS. THIS MAP SHOULD BY USED AS A GENERAL GUIDE, SOME ADJUSTMENTS WILL BE NECESSARY IN THE FIELD DUE TO SOIL VARIABILITY AND COMPLEX TOPOGRAPHIC FEATURES.
THIS MAP ONLY REFLECTS EXISTING SOIL SUITABILITY FOR ON-SITE SEPTIC TANK SYSTEMS.

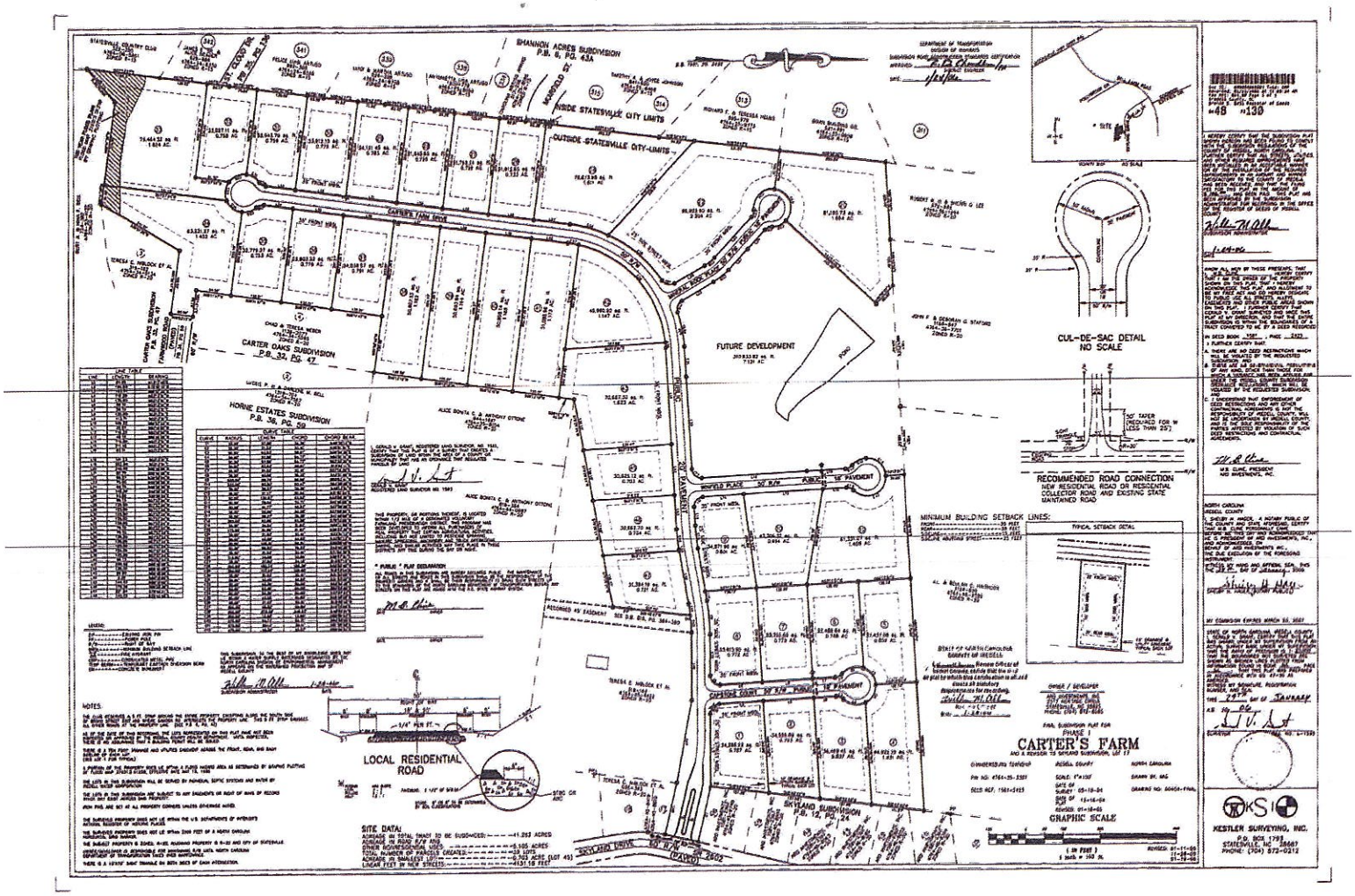
SOIL & FORESTRY SERVICES OF THE CAROLINAS, PA.
P.O. BOX 832
MOORESVILLE, NC 28115
PHONE: (704) 746-5046
ASHLEY ROLLANS, NC LICENSED SOIL SCIENTIST
MOBILE: (704) 746-5046
EMAIL: ASHLEYROLLANS@GMAIL.COM

MAP TITLE: DETAILED SOIL EVALUATION

PROJECT NAME: RANDY WILSON / CARTERS FARM LOT 8

LOCATION/DATE: CARTER'S FARM - LOT 8 IREDELL COUNTY, NORTH CAROLINA APRIL 2021

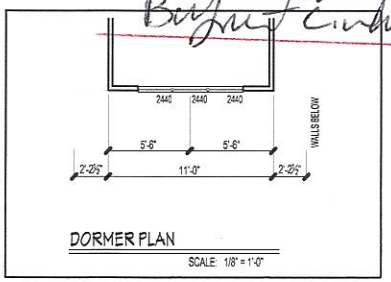
JOB # : 21-0031
FILE: C:\JOBS\21-0031
PROJECT MGR.: S.A.R.
FIELD WORK: S.A.R.
DRAWN BY: S.A.R.


SHANNON ACRES SUBDIVISION
P.B. 6, PG. 43A
INSIDE STATESVILLE CITY LIMITS
OUTSIDE STATESVILLE CITY LIMITS
CARTER'S FARM DRIVE
CARTER OAKS SUBDIVISION
P.B. 32, PG. 47
HORNE ESTATES SUBDIVISION
P.B. 36, PG. 59
FUTURE DEVELOPMENT
CUL-DE-SAC DETAIL
NO SCALE
RECOMMENDED ROAD CONNECTION
NEW RESIDENTIAL ROAD OR RESIDENTIAL
COLLECTOR ROAD AND EXISTING STATE
MAINTAINED ROAD
MINIMUM BUILDING SETBACK LINES:
TYPICAL SETBACK DETAIL
WINFIELD PLACE
CHELSEA COURT
LOCAL RESIDENTIAL
ROAD
SITE DATA:
GRAPHIC SCALE
CARTER'S FARM
PHASE I
KESTLER SURVEYING, INC.
P.O. BOX 1793
STATESVILLE, NC 28687
PHONE: (704) 872-0312

Acknowledgement Of Plans Submittal ONLY!

Date 1-3-22

Date 12-29-2021



DORMER PLAN

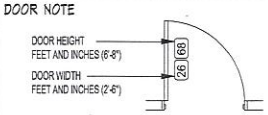
SCALE: 1/8" = 1'-0"

SQUARE FOOTAGES		
FIRST FLOOR	1922	SQ.FT.
TOTAL LIVING	1922	SQ.FT.
TWO CAR GARAGE	500	SQ.FT.
SINGLE CAR GARAGE	308	SQ.FT.
FRONT PORCH	55	SQ.FT.
REAR PORCH	206	SQ.FT.
TOTAL NON-LIVING	1109	SQ.FT.
TOTAL UNDER ROOF	3031	SQ.FT.

FLOOR PLAN NOTES

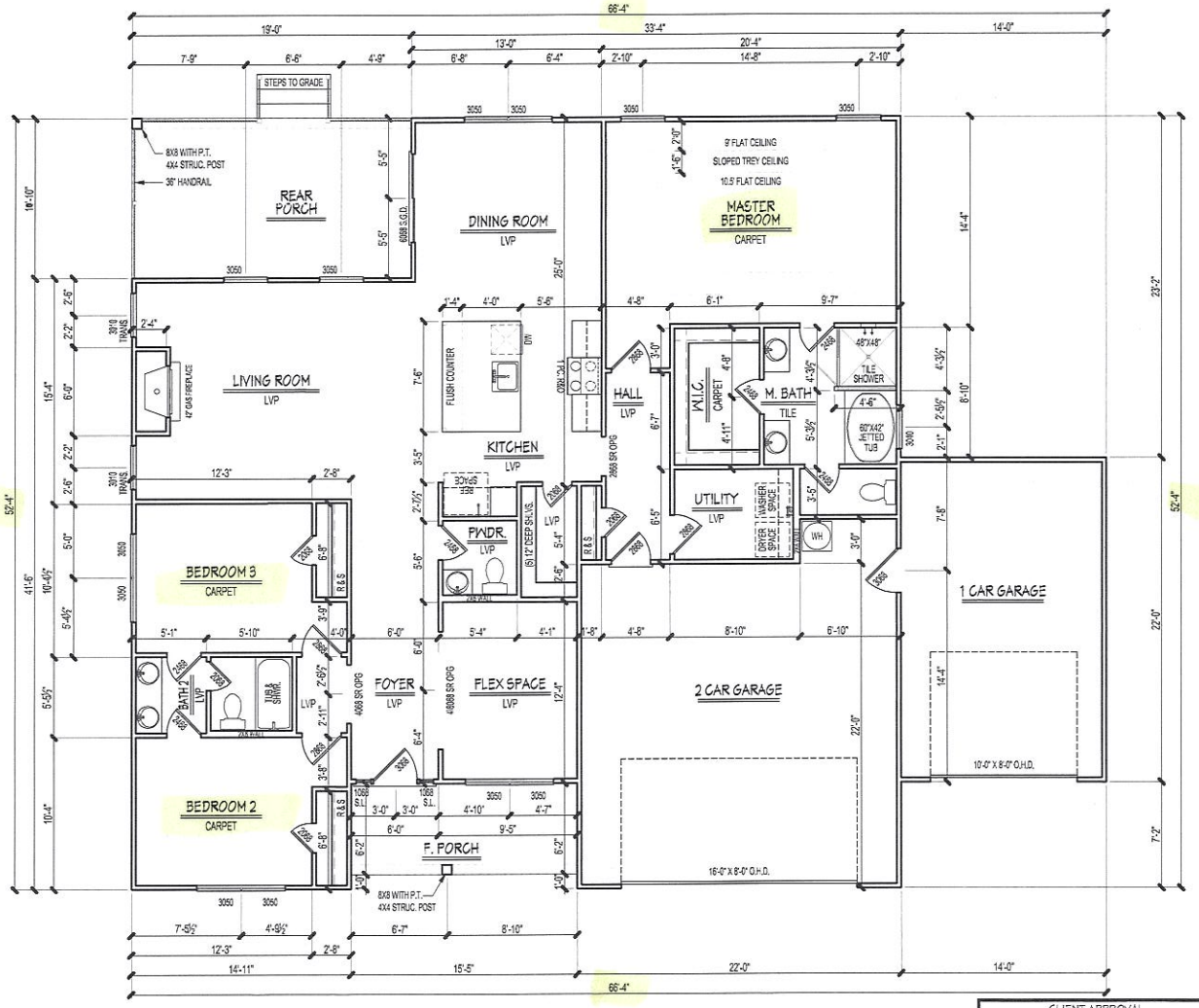
1. ALL DIMENSIONS & SITE CONDITIONS TO BE VERIFIED PRIOR TO CONSTRUCTION
2. ALL DIMENSIONS ARE TO OUTSIDE OF OUTSIDE FACE OF WALL STUD. CONCRETE WALL OR C.M.U. WALL. NO WALL FINISHES, SIDINGS OR VENEERS ARE ASSUMED
3. ADAPT PLANS AS REQUIRED TO MEET ALL SITE CONDITIONS
4. ALL SQUARE FOOTAGE MEASUREMENTS ARE APPROXIMATE AND MAY DIFFER FROM ACTUAL CONSTRUCTED RESIDENCE OR BUILDING.
5. VERIFY ALL FINISHES TO BE VERIFIED WITH OWNER PRIOR TO CONSTRUCTION.
6. VERIFY ALL DOOR AND WINDOW STYLES AND SIZES WITH OWNER PRIOR TO CONSTRUCTION. MANUFACTURER TO SUPPLY ALL ROUGH OPENING SIZES.
7. LOCATE HVAC UNITS AND WATER HEATER AT SITE IF NOT SHOWN ON PLANS
8. ANGLES IN WALLS TO BE ASSUMED 45°, TYP. U.N.O.
9. VERIFY LOCAL CODE FOR LOCATION OF TEMPERED GLAZING REQUIREMENTS
10. EXTERIOR WALLS ARE TO BE 2X4 at 16" O.C. TYP. UNLESS NOTED OTHERWISE
11. INTERIOR WALLS ARE TO BE 2X4 at 16" O.C. TYP. UNLESS NOTED OTHERWISE
12. DOUBLE HUNG WINDOW STYLE IS TO BE TYPICAL UNLESS NOTED OTHERWISE. COORDINATE COLORS AND SERIES TYPE WITH OWNER AND MANUFACTURER.

DOOR NOTE



1. PROVIDE WEATHER STRIPING ON ALL DOORS TO UNHEATED SPACE AND EXTERIOR DOORS
2. ALL GLAZING IN DOORS IS TO BE TEMPERED
3. COORDINATE DOOR PANEL STYLE WITH OWNER
4. COORDINATE HARDWARE STYLE WITH OWNER
5. SEE ELEVATIONS FOR ADDITIONAL DOOR INFORMATION

ISSUED FOR CONSTRUCTION



CLIENT APPROVAL

CLIENT INITIALS	DATE
CLIENT INITIALS	DATE

Holloway Family HOMES
1270 Northside Drive
Statesville, NC
(704) 872-5510

THIS DRAWING IS NOT TO BE REPRODUCED OR USED TO CONTRACT ANY BUILDING WITHOUT WRITTEN AUTHORIZATION AND SHALL REMAIN THE PROPERTY OF HOLLOWAY FAMILY HOMES

EVANS RESIDENCE

105 Capstone Ct. ◆ Statesville, No. Carolina

FIRST FLOOR PLAN

REVISIONS

DESIGN NO: 10-21-104
SCALE: 1/8" = 1'-0"
BASE PLAN NAME: PRESTON
BASE PLAN LINE: TEXAS FARMHOUSE
DATE DRAWN: 11/09/21

A3.0

Carter's Farm, Sec 1/Lot 8