ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP 314032

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

PIN # 4666317544 - --

APPLICANT/OWNER: Americas Home Place | APPLICANT ADDRESS: 1206 Greenland Drive Statesville NC 28677

SITE ADDRESS: 755 White Oaks Rd Mooresville NC 28115 | PHONE: | ALT. PHONE

SITE DIRECTIONS: Shearers Rd to Whites Oak Rd | SAP CONTROLLED: ☒ YES ☐ NO

SUBDIVISION: Ronald + Cathleen Strawser | SECTION: – | LOT # 2 | LOT AREA: 2.59 Acres | DESIGN FLOW: 480 | L.T.A.R.: .325

Septic Tank	1000 (gal)	STB	Date	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 4
Pump Tank	(gal)	PT	Date	System Description:	Gravity - 25% Reduction			☐ Business	No. Persons 8
Pump Make		Model	Serial #	Repair System Description:	CP-PPBDS - 50% Reduction			☐ Other	No. Employees
# Nitrification Fields	1	# Lines 5	Linear Ft 372	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space
Trench Width	36	Trench Bottom Depth	372	Gravel Depth	–	☒ GRAVITY	☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☐ Community

Comments / Conditions:

~~Installed as permitted.~~
6/28/2022 - Lot 2 is Clocked.

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 March 18, 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: Lynn Barker Date: 5-11-21 Installed by: Shannon Grandpre

IMPROVEMENT PERMIT by: Benjamin A. Batten Date: 4/2021. OPERATION PERMIT by: Benjamin A. Batten Date: 6/28/2022

AUTHORIZATION TO CONSTRUCT by: Benjamin A. Batten Date: 5-10-2021 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? _____	

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 at 755 White Oaks Rd, Lot 1, PIN#(4666317544) Mooresville 28115, Iredell County, NC.

Contents: **Page**

Information for the Installer---------- 1

Design Information
- Design Specifications---------- 2-3
- Layout Specifications---------- 4

Site Plan/System Plan---------- 5-6

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LICENSED SOIL SCIENTIST
Samuel A. Rollins
1231
STATE OF NORTH CAROLINA

March 18, 2021
Project #: 20-0125
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 as a 50% reduction Modified Conv. LPPBPS installation.

Layout Specifications - 755 White Oaks Rd

Project #: 20-0125

LAYOUT FOR 4 BEDROOM HOME

March 18, 2021

LINE #	FLAG COLOR	BS	HI	FS	ELEVATION	FLAGGED LINE LENGTH	DESIGN LINE LENGTH
TBM							
INSTR. 1							
1	***RED***					***40***	***40***
2	***ORANGE***					***80***	***80***
3	***YELLOW***					***104***	***104***
4	***BLUE***					***84***	***84***
5	***PINK***					***64***	***64***
6	PINK					32	32
7	RED					45	45
8	ORANGE					56	56
9	YELLOW					70	70
10	BLUE					80	80
					Total	655	655

	LINE LENGTH	LTAR GPD/FT2	SYSTEM TYPE	SOIL LTAR GPD/FT2	TRENCH SYSTEM	DISTRIBUTION
**** System***	***372***	***0.325***	***ACCEPT.***	***0.325***	***25% RED***	***GRAVITY***
Repair	283	0.325	MOD. CONV.	0.325	PPBPS	LOW PRESSURE

Notes:

**All measures in feet

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

**Nitrification lines were located by tape measures & GPS.

**Property lines & corners were located by a Professional Land Surveyor.

CALCULATIONS

Location 755 White Oaks Rd
Mooresville, NC 28115
Project Number 20-0125

Lot No: 2

No. of Bedrooms 4

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

LTAR 0.325 $^{gal}/_{ft^2\,day}$

PPBPS? (YES OR NO) NO

Supply Line Length 12 ft.

Supply Line Volume 7.836 gal.

Required Feet of Line 369.2308 ft.
Amount of Line from Layout 372 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

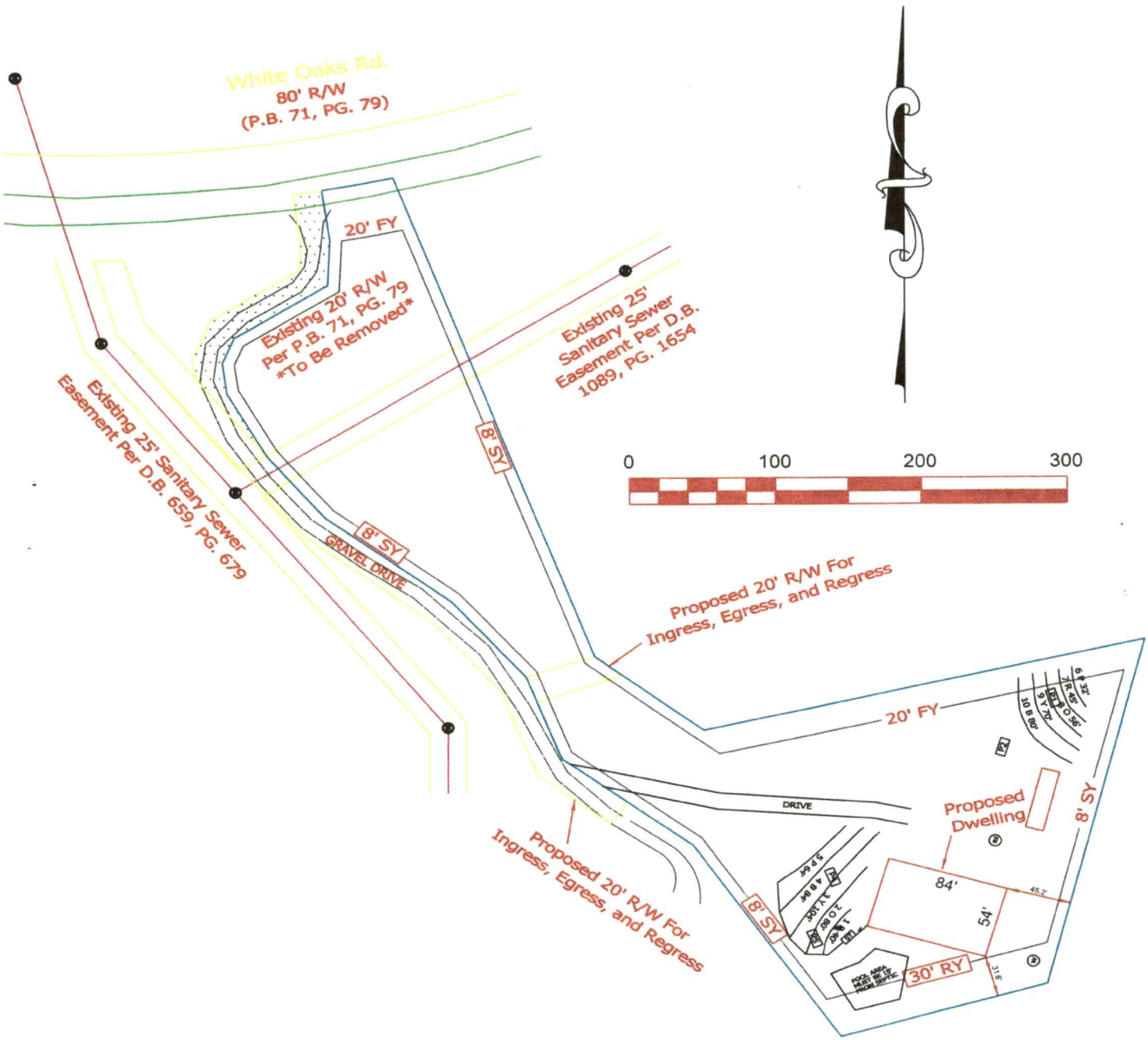
Pump Run Time

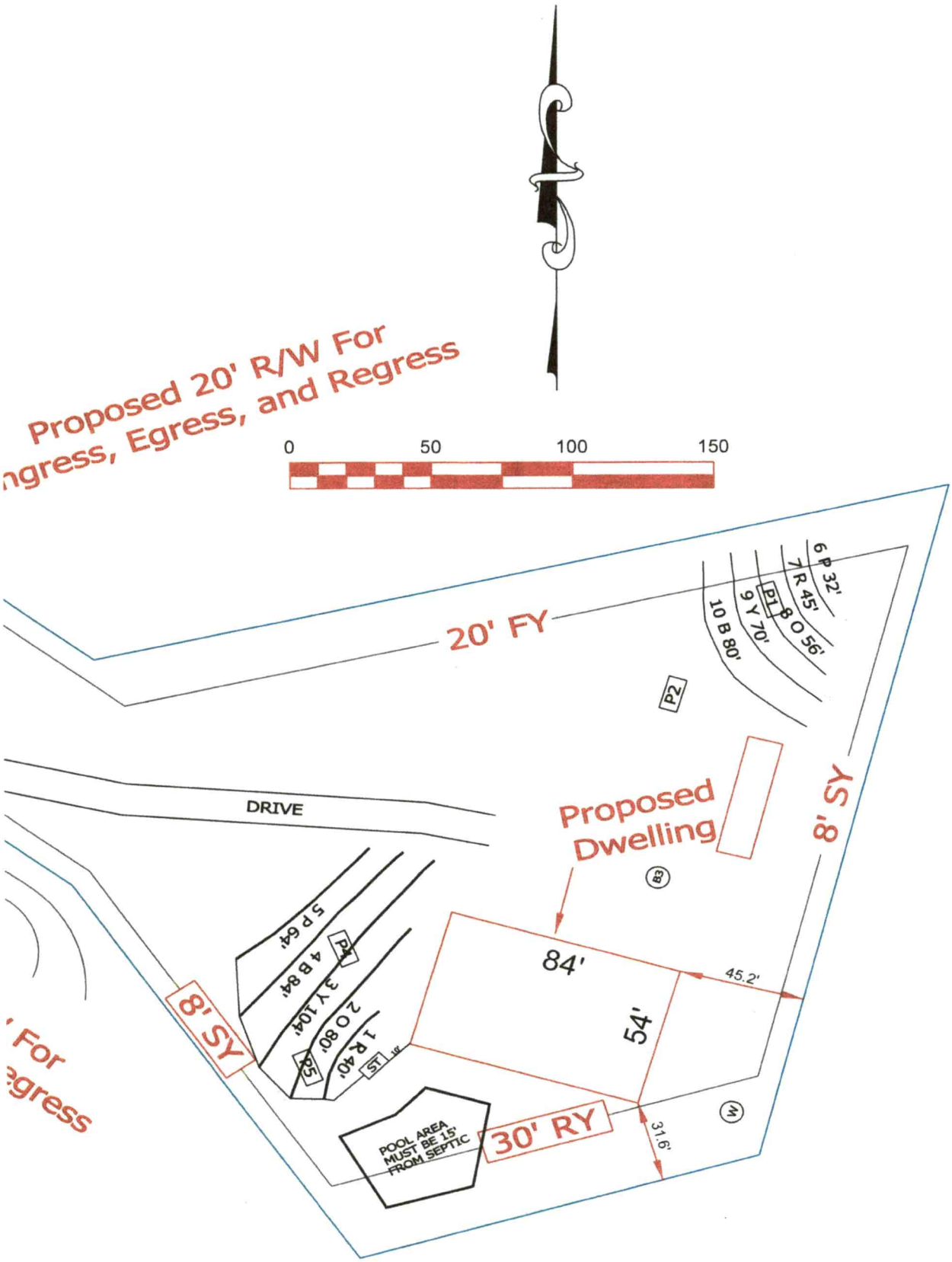
Elevation Head N/A ft.
Pressure Head N/A ft.
Friction Factor N/A ft./100 ft. *(From the interpolater.)*
Friction Head N/A ft.

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


White Oaks Rd.
80' R/W
(P.B. 71, PG. 79)
20' FY
Existing 20' R/W
Per P.B. 71, PG. 79
To Be Removed
Existing 25'
Sanitary Sewer
Easement Per D.B.
1089, PG. 1654
Existing 25' Sanitary Sewer
Easement Per D.B. 659, PG. 679
8' SY
GRAVEL DRIVE
0
100
200
300
Proposed 20' R/W For
Ingress, Egress, and Regress
20' FY
DRIVE
Proposed
Dwelling
8' SY
84'
54'
30' RY
Proposed 20' R/W For
Ingress, Egress, and Regress
8' SY


Proposed 20' R/W For
ngress, Egress, and Regress
0
50
100
150
20' FY
6 P 32'
7 R 45'
P1
8 O 56'
9 Y 70'
10 B 80'
P2
DRIVE
Proposed
Dwelling
8' SY
84'
45.2'
54'
5 P 64'
4 B 84'
3 Y 104'
2 O 80'
1 R 40'
P4
P5
ST
8' SY
POOL AREA
MUST BE 15'
FROM SEPTIC
30' RY
31.6'
For
gress

GRAVITY ACCEPTED SYSTEM
FOR WASTEWATER TREATMENT

Owner/Applicant:	America's Home Place
Address:	1206 Greenland Dr. Statesville, NC 28677
Phone:	704.872.4400
County:	Iredell
Location:	755 White Oaks Rd Mooresville NC 28115
Source of Wastewater Flow:	4 Bedroom Single Family Residence
Estimated Gallons Per Day Flow:	480
System Flow:	N/A

Design Specifications

Drainfield Size:	372	
Loading Rate (gpd/ft.^{2}):	0.325	
Depth of Gravel in Trench:	N/A	
Gravel Size:	N/A	
Max.Trench Depth:	36 in.	Repair Trench Bottom 36 in.
Trench Width:	36 in.	
Septic Tank Size:	1000	

Estimated Supply Line Length:	12
Supply Line Diameter:	4 in. SCH 40 PVC
Supply Line Volume:	7.84
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

755 White Oaks Rd

ACCEPTED SYSTEM

DESIGN FLOW (gpd):	480
SOIL APPLICATION RATE (gpd/ft.^{2}):	0.325
TOTAL AREA TRENCH BOTTOM:	1116
TOTAL LATERAL LENGTH:	372
NUMBER OF FIELDS:	1
LATERAL LENGTH REQUIRED PER FIELD:	369.2307692
SUPPLY LINE LENGTH:	12
TOTAL DYNAMIC HEAD:	N/A
MANIFOLD SIZE:	N/A
DOSING VOLUME:	N/A
PUMP TANK DRAW DOWN*:	N/A
SEPTIC TANK SIZE:	1000

RECEIVED MAR 31 2021

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Paid $500.00 AP-314032

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: America's Home Place **Address:** 1206 Greenland Dr. Statesville NC **Zip:** 28677
Applicant Email: lbarker@americashomeplace.com **Phone:** 704-872-4400 **Alt. Phone:**
Owner Name: ~~Kenny & Katelyn~~ Staskel **Address:** 753 White Oaks Rd Mooresville NC **Zip:** 28115
Owner Email: Ronalde, Cathleen **Phone:** **Alt. Phone:**

Property Information: 755
Street Address: ~~959~~ White Oaks Rd, Mooresville NC 28115
Subdivision Name: **Section/Phase:** **Lot Number:** 2
Driving Directions: Shearers Rd, White Oaks Rd

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

(✓) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) 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:

Maximum Number of Bedrooms: 4
Maximum Number of Occupants: 8
( ) Swimming Pool
( ) Other Addition/Structure:

CHECK FOUNDATION TYPE
(X) 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: _____ 2/19/21
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

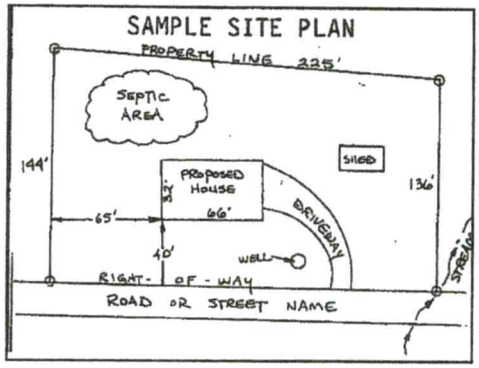
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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: _____ 2/19/21

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

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

www.soilandforestryservices.com

Project#: 20-0125
March 18th, 2021

AMERICAS HOMEPLACE
Attn: Lynn Barker
Email: lbarker@americashomeplace.com

RE: Soil & Site Evaluation for a 4 Bedroom Residence at 755 White Oaks Road, Mooresville NC 28115, PIN # (4666317544), Iredell County.

Mr. Barker:

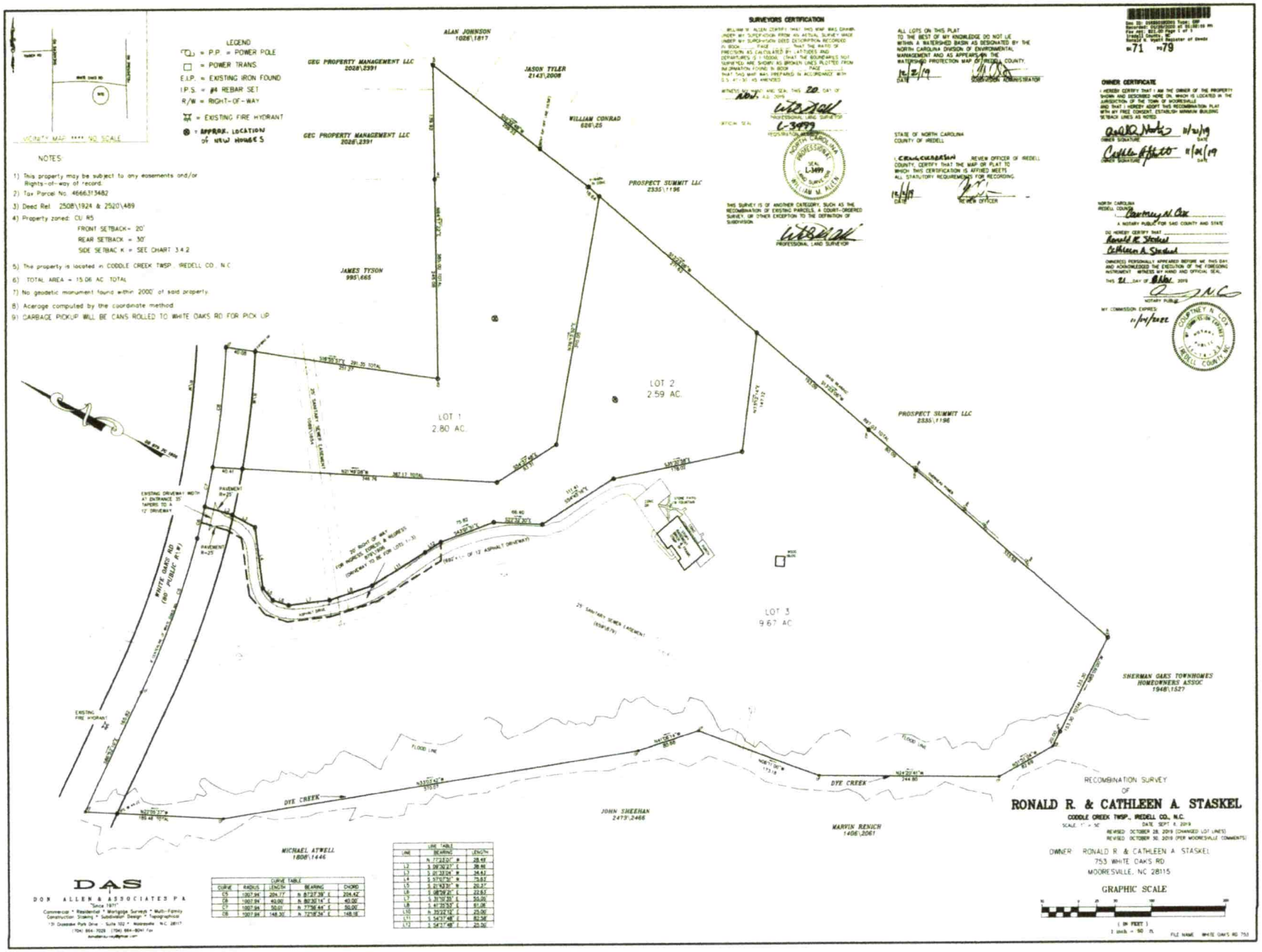
At your request Soil & Forestry Services of the Carolinas (S&FS) has performed soil/site evaluations on parcel noted above. The Lot size is noted on the attached survey map & soil evaluation form. The purpose of our work was to identify soil areas with potential to support subsurface wastewater disposal 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 partially open/wooded. Topography within the evaluated area was gently slope near the house site and proposed drainfield area. Property corners were marked at the time of the evaluation by Jordan Grant Associates. The Surveyor provided an Autocad File of the survey as a basemap. The proposed septic layout was located via measuring tape/GPS and used to produce the attached *Site Plan*. The house envelope was flagged by the surveyor. The Survey Plat from Jordan Grant is attached to our design.

Methodology

We evaluated soil areas through the use of hand augers and backhoe pits. Soil morphological conditions including color, texture, structure, etc. were reviewed in the field with one boring and four pit locations on the property flagged and located via GPS. Three of the pits are located in the proposed septic layout. 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/pit. An on-ground layout of system and repair was performed using a laser level. Pin flag locations of the layout were also located by tape measure and GPS. Detailed system & repair information is summarized in the following paragraph for this Lot.


VICINITY MAP **** NO SCALE
LEGEND
P.P. = POWER POLE
= POWER TRANS.
E.I.P. = EXISTING IRON FOUND
I.P.S. = #4 REBAR SET
R/W = RIGHT-OF-WAY
= EXISTING FIRE HYDRANT
= APPROX. LOCATION OF NEW HOUSES
NOTES:
1) This property may be subject to any easements and/or Rights-of-way of record.
2) Tax Parcel No. 4666313482
3) Deed Ref: 2508\1924 & 2520\489
4) Property zoned: CU R5
FRONT SETBACK= 20'
REAR SETBACK = 30'
SIDE SETBACK = SEE CHART 3.4.2
5) The property is located in CODDLE CREEK TWSP., IREDELL CO., N.C.
6) TOTAL AREA = 15.06 AC. TOTAL
7) No geodetic monument found within 2000' of said property.
8) Acerage computed by the coordinate method.
9) GARBAGE PICKUP WILL BE CANS ROLLED TO WHITE OAKS RD FOR PICK UP.
ALAN JOHNSON 1026\1817
GEC PROPERTY MANAGEMENT LLC 2028\2391
JASON TYLER 2143\2008
WILLIAM CONRAD 526\28
GEC PROPERTY MANAGEMENT LLC 2028\2391
PROSPECT SUMMIT LLC 2335\1196
JAMES TYSON 995\665
LOT 1 2.80 AC.
LOT 2 2.59 AC.
LOT 3 9.67 AC.
PROSPECT SUMMIT LLC 2335\1196
EXISTING DRIVEWAY WIDTH 41' ENTRANCE, 35' TAPERS TO A 12' DRIVEWAY
PAVEMENT R=25
WHITE OAKS RD (SR PUBLIC R/W)
25' RIGHT OF WAY FOR INGRESS, EGRESS & UTILITIES (DRIVEWAY TO BE FOR LOTS 1-3)
25' SANITARY SEWER EASEMENT
EXISTING FIRE HYDRANT
FLOOD LINE
DYE CREEK
SHERMAN OAKS TOWNHOMES HOMEOWNERS ASSOC 1948\1527
JOHN SHEEHAN 2473\2468
MARVIN RENICH 1406\2061
MICHAEL ATWELL 1808\1446
CURVE TABLE
CURVE | RADIUS | LENGTH | BEARING | CHORD
C5 | 1007.96 | 204.17' | N. 87°27'39" E. | 204.42'
C6 | 1007.96 | 43.00' | N. 80°30'19" E. | 43.00'
C7 | 1007.96 | 50.01' | N. 77°36'44" E. | 50.00'
C8 | 1007.96 | 148.32' | N. 72°18'34" E. | 148.18'
LINE TABLE
LINE | BEARING | LENGTH
L1 | N. 77°23'00" W. | 28.49'
L2 | S. 09°30'23" E. | 38.46'
L3 | S. 80°33'36" W. | 34.63'
L4 | S. 57°12'36" W. | 73.82'
L5 | S. 21°43'31" W. | 20.27'
L6 | S. 68°16'21" E. | 23.82'
L7 | S. 31°10'35" E. | 55.20'
L8 | S. 41°35'53" E. | 61.08'
L10 | N. 75°22'12" E. | 25.06'
L11 | S. 54°37'48" E. | 82.56'
L12 | S. 54°37'48" E. | 20.56'
SURVEYORS CERTIFICATION
ALL LOTS ON THIS PLAT TO THE BEST OF MY KNOWLEDGE DO NOT LIE WITHIN A WATERSHED BASIN AS DESIGNATED BY THE NORTH CAROLINA DIVISION OF ENVIRONMENTAL MANAGEMENT AND AS APPEARS ON THE WATERSHED PROTECTION MAP OF IREDELL COUNTY.
DATE
DIVISION ADMINISTRATOR
L-3499
REGISTRATION NUMBER
SEAL L-3499 WILLIAM M. ALLEN
THIS SURVEY IS OF ANOTHER CATEGORY, SUCH AS THE RECOMBINATION OF EXISTING PARCELS, A COURT-ORDERED SURVEY, OR OTHER EXCEPTION TO THE DEFINITION OF SUBDIVISION.
PROFESSIONAL LAND SURVEYOR
STATE OF NORTH CAROLINA
COUNTY OF IREDELL
REVIEW OFFICER OF IREDELL COUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.
DATE
REVIEW OFFICER
Map ID: 20200102001 Type: SRP
Recorded: 01/02/2020 09:00:59 PM
Fee #$21.00 Page 1 of 1
Iredell County, NC
Carolyn K. Wyatt Register of Deeds
M71 P79
OWNER CERTIFICATE
I HEREBY CERTIFY THAT I AM THE OWNER OF THE PROPERTY SHOWN AND DESCRIBED HERE ON, WHICH IS LOCATED IN THE JURISDICTION OF THE TOWN OF MOORESVILLE AND THAT I HEREBY ADOPT THIS RECOMBINATION PLAT WITH MY FREE CONSENT, ESTABLISH MINIMUM BUILDING SETBACK LINES AS NOTED.
OWNER SIGNATURE
DATE
OWNER SIGNATURE
DATE
NORTH CAROLINA IREDELL COUNTY
A NOTARY PUBLIC FOR SAID COUNTY AND STATE
DO HEREBY CERTIFY THAT
PERSONALLY APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THE EXECUTION OF THE FOREGOING INSTRUMENT. WITNESS MY HAND AND OFFICIAL SEAL.
THIS DAY OF
NOTARY PUBLIC
MY COMMISSION EXPIRES:
COURTNEY A. COX NOTARY PUBLIC IREDELL COUNTY, NC
DAS
DON ALLEN & ASSOCIATES P.A.
"Since 1977"
Commercial * Residential * Mortgage Surveys * Multi-Family Construction Staking * Subdivision Design * Topographical
131 Gaskeen Park Drive - Suite 102 * Mooresville, N.C. 28117
(704) 664-7025 (704) 664-8041 Fax
RECOMBINATION SURVEY OF
RONALD R. & CATHLEEN A. STASKEL
CODDLE CREEK TWSP., IREDELL CO., N.C.
SCALE: 1" = 50'
DATE: SEPT. 6, 2019
REVISED: OCTOBER 28, 2019 (CHANGED LOT LINES)
REVISED: OCTOBER 30, 2019 (PER MOORESVILLE COMMENTS)
OWNER: RONALD R. & CATHLEEN A. STASKEL
753 WHITE OAKS RD.
MOORESVILLE, NC 28115
GRAPHIC SCALE
(IN FEET)
1 inch = 50 ft.
FILE NAME: WHITE OAKS RD 753

755 White Oaks Road (*See Attached Design*)
The septic layout for this lot (9' centers) yielded a total of 655 linear feet of line. The primary system is proposed as 372 linear feet of Accepted (25% Reduction) drainfield with gravity distribution. Trench depth is specified at 36 inches. The repair system is proposed as 247 linear feet of PPBPS (50% Reduction) drainfield with gravity distribution. Trench depth is specified at 36 inches. There is 283 linear feet of line available for repair.

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 RON STASKEL
Signature _____ 3/19/2021

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 at 755 White Oaks Road, Mooresville, NC 28115 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,

LICENSED SOIL SCIENTIST
Samuel A. Rollans
1231
STATE ON-SITE WASTEWATER BOARD

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

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet 1 of 2
PROPERTY ID #: 4606317547
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Ronald Staskal
ADDRESS: 753 White Oak Rd Mooresville NC 28115
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480 gpd
LOCATION OF SITE: 755 White Oak Rd Mooresville NC 28115
WATER SUPPLY: ☑ Private ☐ Public ☑ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☑ Auger Boring ☑ Pit ☐ Cut
TYPE OF WASTEWATER: ☑ Sewage ☐ Industrial Process ☐ Mixed

APPLICATION DATE
DATE EVALUATED: 1/28/21
PROPERTY SIZE: 2.59 AC
PROPERTY RECORDED: Yes

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
P 1	L/5%	0-4	BSL Gr	Fr SS SP SEXP		30	PS	—	PS .325+
		4-23	BRC wmsbk	Fr SS SP					
		23-30	RBCL/sacl/sbk	Fr SS SP					
		30-67	VAR SL MASS	Fr SS SP					
P 2	L/6%	0-10	BSL Gr	Fr SS SP SEXP		10	PS 39-65	10-39"	Marg.
		10-39	VAR SL MASS	H NS NP	+ C Gravel/Rock - Rock Controlling + Clay Increase				
		39-65	VAR SL MASS	Fr SS SP					
B 3	L/5%	0-4	BSL Gr	Fr SS SP SEXP	+ Fe Depl. + Ch. A2's @ 24"	30	—	—	PS .1 Drip
		4-30	BRC wmsbk	Fr SS SP					
P 4	L/13%	0-10	BSCL wfsbk	Fr SS SP SEXP		50	PS	—	PS .325
		10-24	BRC wmsbk	Fr SS SP					
		24-50	RBCL/scl wfsbk	Fr SS SP	+ C to Marg SHP				
		50-65	VAR SL MASS	Fr SS SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Accepted	PPBPS
Site LTAR	0.325	0.325

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

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

Sheet 2 of 2

PROPERTY ID #: 4606317544

DATE OF EVALUATION: 1/20/21 & 2/17/21

COUNTY: Iredell

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
P5	L/8%	0-7	BSL Gr	Fr SS SP SEMP		54	PS	-	PS .325
		7-12	RBSCL wfsbk	Fr SS SP					
		12-27	BRC wmsbk	Fr SS SP					
		27-54	RBCL wfsbk	Fr SS SP	-fs-p				
		54-60	UAR SL MASS	Fr SS SP					

COMMENTS:

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, Kerry & Katelyn Staskel, am the legal owner(s) of the property located at 755 White Oaks Rd, Mooresville NC 28115, identified as PIN (Parcel Identification Number) [redacted] 4666317544, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) SFS / Ashley Rollans, _____, 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.

* _____ 3/19/2021
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

Town of Mooresville Jurisdiction

ZONING APPROVAL

For building permit applications

Development Services 413 North Main St. Mooresville, NC 28115 Phone 704-662-7040

Number: AP-314032 Subdivision: RONALD R+CATHLEEN A STASKEL-

Proposed Use: NEW SINGLE FAMILY RESIDENCE

Street Address: 755 WHITE OAKS RD

Tax PIN: 4666317544.000 Zoning: R5 Lot: 2 Size: 2.59

Owner: STASKEL RONALD R+CATHLEEN A

Address:

Applicant: AMERICAS HOME PLACE INC

Address: 1206 GREENLAND DRIVE
STATESVILLE, NC 28677

I certify that all statements made in this application and any attached documents are true, complete, and correct to the best of my knowledge and belief are made in good faith. I understand that false information may be grounds for rejection of this application. Authorized Health Department and Inspection Department Representatives are granted right of entry to make evaluations or inspections and to release information upon public request.

Signature of Owner or Authorized Agent Date

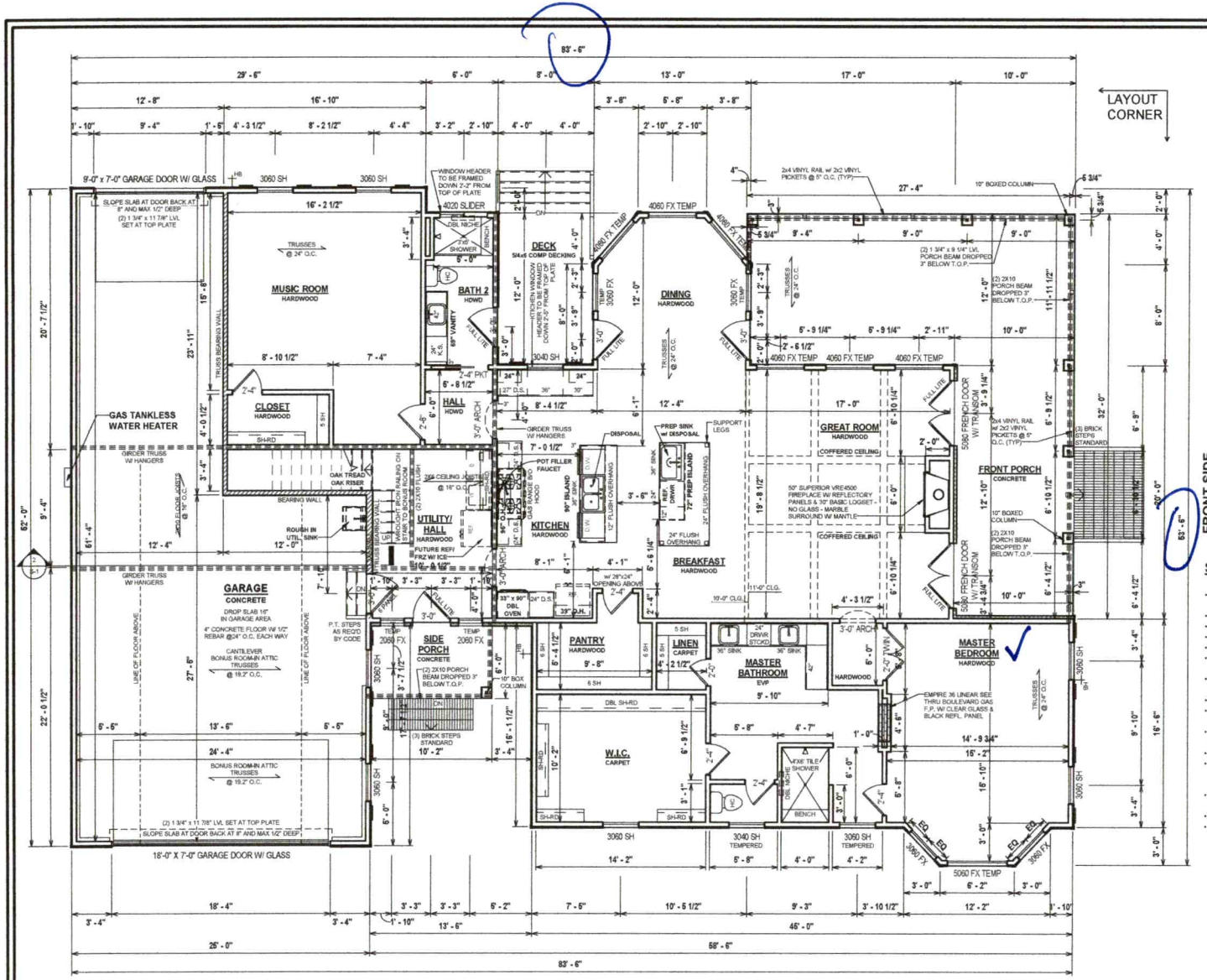
If permitted, the following minimum zoning requirements must be met, unless Health Department requires more land area or other qualifications are indicated in the remarks.

Lot Area: 0 Front Yard Depth: 20 Side Yard Depth: 15

Rear Yard Depth: 30 Corner Yard Depth: 15

Remarks: MUST HAVE ONE TREE PER LOT IN FRONT YARD BEHIND SIDEWALK. –INSTALLATION OF SIDEWALK IS REQUIRED MUST OBTAIN ALL IREDELL COUNTY PERMITS AND INSPECTIONS

CPMP	01/11/2021	
Approved By:	Date	Application Fee



1 FIRST FLOOR PLAN
1/8" = 1'-0"

SPECIAL NOTES:

- GUTTERS & SOFFIT UPGRADED TO PREMIUM COLOR
- 10' CEILINGS ON FIRST FLOOR
- 9' CEILINGS IN BONUS ROOM
- INTERIOR DOORS ON FIRST FLOOR TO BE 8' TALL
- ALL EXTERIOR DOORS TO BE 8' TALL
- QUARTZ COUNTERTOPS THROUGHOUT EXCEPT BATH 5
- DISPOSALS IN KITCHEN SINKS W/ SWITCHES LOCATED IN SINK BASE CABINETS
- NO GLASS IN GREAT ROOM FIREPLACE
- DOUBLE WIDTH NICHE IN MASTER AND BATH 2 SHOWERS
- HANDHELD SHOWER DEVICE W/ OWN VALVE IN MASTER BATH MODEL #D59346RBPK
- MIRRORS BY OWNER
- 2 DISHWASHWERS MODEL #WDT750SAKZ BY AHP - ALL OTHER KITCHEN APPLIANCES BY OWNER
- MARSH CABS TO SUPPLY GOLD BATH AND KITCHEN FIXTURES
- MARSH CABS TO SUPPLY KITCHEN SINKS
- REMI STYLE INTERIOR DOOR HARDWARE

Acknowledgement Of Plans Submittal ONLY!
Brenna Barbe Date 5-10-21
Lynn Barbe Date 5-10-21

Revision Schedule		
Revision Number	Revision Description	Revision Date

FIRST FLOOR HEATED	2,324 SF
FINISHED BONUS ROOM	904 SF
	2,928 SF
GARAGE	998 SF
FRONT PORCH	524 SF
REAR PORCH	61 SF
TOTAL UNDER ROOF	1,583 SF
	4,410 SF
DECK	96 SF
TOTAL UNCOVERED	96 SF

THE: CUSTOM - CARRINGTON A
FOR: STASKEL, RON & CATHY
753 WHITE OAKS ROAD MOORESVILLE NC-28115
SOLD BY: OFFICE STATESVILLE JILL SCHOOLEY

JOB# 87-20-058
2x4 EXTERIOR WALLS
FOUNDATION TYPE: CRAWLSPACE

DRAWN BY: J. VALLES
CHECKED BY: R. THOMPSON
PRINT DATE: 5/4/2021 4:09:32 PM

PROPERTY OF: AMERICA'S HOME PLACE

SHEET NUMBER: F-2

FIRST FLOOR PLAN

© COPYRIGHT - 2020

OPT. PAPER SIZE: for 1/4" =1'-0" on 24"x36" PAPER SIZE ENLARGE PRINTS TO 200%

FINAL CONSTRUCTION PLANS

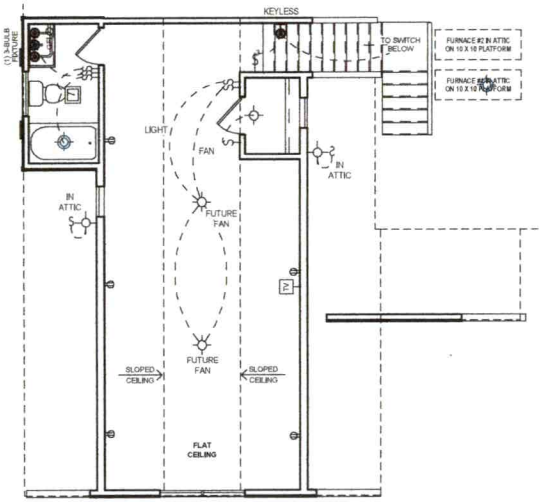
PAPER SIZE: 11" x 17" SCALE: 1/8" = 1'-0"

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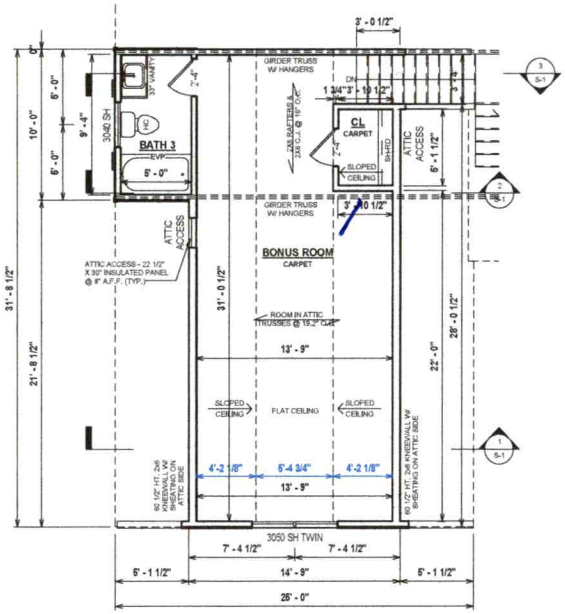
Acknowledgement Of
Plans Submittal ONLY!

Date 5-10-21.

Lynn Barker Date 5-11-21



2 BONUS ROOM - ELECTRICAL PLAN
1/8" = 1'-0"



1 BONUS ROOM PLAN
1/8" = 1'-0"

Revision Schedule			
Revision Number	Revision Description	Revision Date	

FIRST FLOOR HEATED	2,324 SF
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TOTAL UNCOVERED	96 SF

THE: CUSTOM - CARRINGTON A
FOR: STASKEL, RON & CATHY
753 WHITE OAKS ROAD
MOORESVILLE NC-28115
OFFICE: STATESVILLE
SOLD BY: JILL SCHOOLEY

JOB# 87-20-058
2x4 EXTERIOR WALLS
FOUNDATION TYPE: CRAWLSPACE

DRAWN BY: J. VALLES
CHECKED BY: R. THOMPSON
PRINT DATE: 5/4/2021 4:09:33 PM

PROPERTY OF:
© COPYRIGHT - 2020

SHEET NUMBER: F-3
BONUS ROOM

OPT. PAPER SIZE: for 1/4" =1'-0" on 24"x36" PAPER SIZE ENLARGE PRINTS TO 200%

FINAL CONSTRUCTION PLANS

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