ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625

BLDR-2024-48755

PERMIT # OSWP-2023-40216

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

PIN # 4716 -- 16 -- 6328

APPLICANT/OWNER: Jeffery Morrison

APPLICANT ADDRESS: 127 Hudspeth Rd, Statesville, NC 28677

SITE ADDRESS: 151 Amos Lake Dr, Statesville, NC 28625

PHONE: (480) 474-8301

ALT. PHONE: —

SITE DIRECTIONS: Scotts Creek, Amos Lake

SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: Roger Steve Morrison

SECTION: — LOT # 3 LOT AREA: .507

DESIGN FLOW: 360 L.T.A.R.: .275

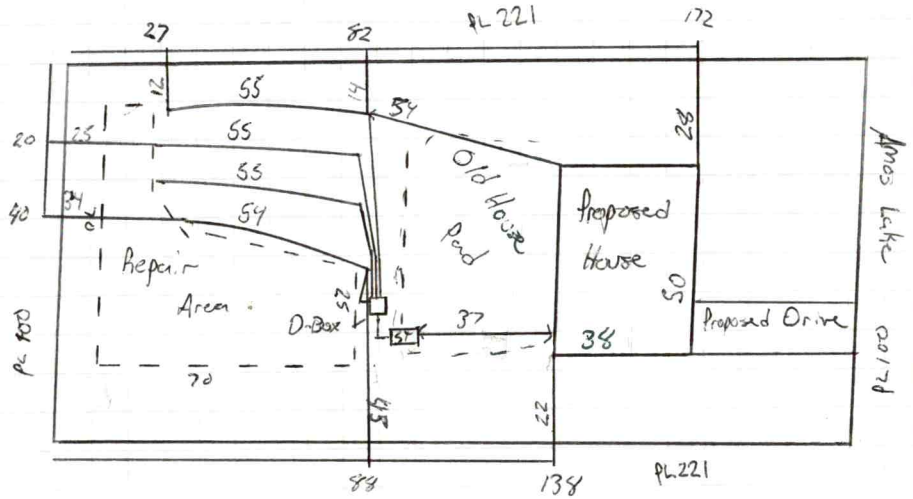
Septic Tank	1000	(gal)	STB	1012	Date	4/16/24	☑ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI	
Pump Tank		(gal)	PT		Date		System Description:	50% Reduction - Horizontal	
Pump Make			Model		Serial #		Repair System Description:	50% Reduction - Horizontal	
# Nitrification Fields	1		# Lines	4	Linear Ft	219ft	Maintenance Agreement Required:	☐ YES ☑ NO	
Trench Width	36 in		Trench Bottom Depth(Low side)	20 in	Gravel Depth	N/A		☑ GRAVITY ☐ PRESSURE	

☑ Residence	No. Bedrooms	3	Water Supply
☐ Business	No. Persons	6	☐ Private
☐ Other	No. Employees	—	☑ Public
☑ Slab	☐ Crawl Space		☐ Community
☐ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: Install on contour with 9ft centers. Do not drive, park or construct/Grade septic area. Do not sign AC until lot is recorded & deed.

INITIAL SITE SKETCH

1=50



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.

Tank, CW 7/24
Top line

INSTALLED AS SHOWN

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: PIEDMONT BACKHOE

IMPROVEMENT PERMIT by: Matt Wilkie ✓ Date: 11/29/23

OPERATION PERMIT by: Bryant C. White ✓ Date: 7-31-2024

AUTHORIZATION TO CONSTRUCT by: Matt Wilkie ✓ Date: 3/13/24

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 #: 4716622885
COUNTY: Iredell

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

OWNER: Jeffrey Morrison
ADDRESS: 127 Hudspeth
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: 151 Amos Lake
APPLICATION DATE: 10/30/23
DATE EVALUATED: 11/27/23
PROPERTY SIZE:
PROPERTY RECORDED: no

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	LS 10%	0-8	SCL/SBK	SS SP FR SE	–	48	Sap inclusions with Rock in CL		P3 .3 Shallow
		8-30	C/SBK	SS SP FR SE					
		30-48	CL/SBK	SS SP FR SE					
2	LS 10%	0-12	SCL/SBK	SS SP FR SE	–	48	Sap inclusions with rock in CL 40%	–	P3 .3 Shallow
		12-32	C/SBK	SS SP FR SE					
		32-48	CL/SBK	SS SP FR SE					
3	LS 10%	0-25	CL/SBK	SS SP FR SE	–	48	Sap inclusions beginning at 27 with rock	–	P3 .275 Shallow
		25-48	CL/SBK	SS SP FR SE					
4	LS 10%	0-8	SCL/SBK	SS SP FR SE	–	48	Rock clusters begin at 32±	–	P3 .275 Shallow
		8-37	C/SBK	SS SP FR SE					
		37-48	CL/SBK	SS SP FR SE					

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

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): P3
EVALUATED BY: Matthew W
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.

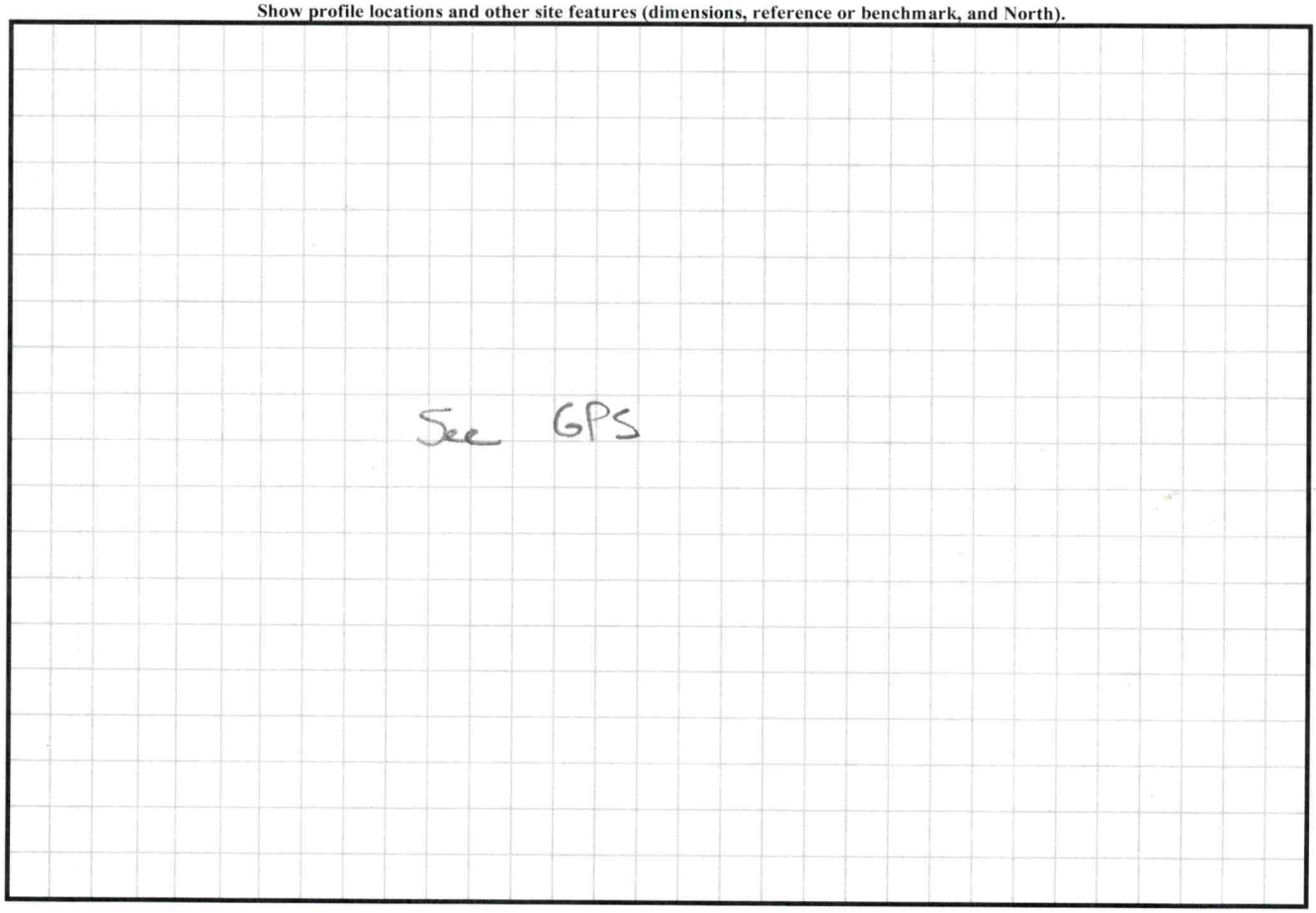
NOTES

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).



PERMIT SNAPSHOT REPORT OSWP-2023-40216 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	10/30/2023
Work Class:	EH Septic Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Wilkinson, Matthew	**Approval Expire Date:**	

Description: APPLYING IP-AC v *Site plan lot size does not match lot size for address 151 Amos Lake Dr.** See email per Jake Must obtain recorded subdivision before building permit can be issued.** 11/9 Site visit, site ready GM

Parcel: 4716162285.000 Main	**Address:** 151 Amos Lake Dr Statesville, NC 28625 Main	**Zone:** R-20(Suburban Residential District)

Applicant/Authorized Agent
Jeffery Morrison
127 Hudspeth Road
STATESVILLE, NC 28677
Mobile: (980) 474-8301

Property Owner
Jeffery Morrison
Home: (980) 474-8301
Business: (980) 474-8301
Mobile: (980) 474-8301

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Authorization to Construct, Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	50' wide 38' deep
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain	50' wide 38' deep	Number of Occupants	4	Foundation Type	Concrete Slab Foundation
Residential/Business/Other	Residential	Number of Employees	2	Water Supply	Other Public Water
Desired Septic System Type	Conventional (most common)	Has this project been approved by TRC	No	Lot Acreage	1.434
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Is the structure or development in the floodplain	No	Is the property in a local historic district?	No
Is the property located downtown?	No	Zoning Notes/Addendums	RICH STATED NO SPECIAL SETBACK FROM LAKE.10-31-2023 **PRELIMINARY ZONING SUBDIVISION MUST BE RECOREDED BEFORE BUILDING PERMIT CAN BE ISSUED.	Additional Unique Setbacks Apply	No
Watershed	NOT IN A WATERSHED				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Jeffery_Morrison_10/30/2023.jpg	10/30/2023 16:39	Morrison, Jeffery		Uploaded via CSS
Authorization to Act as Owner_v1.pdf	10/31/2023 9:43	COMEAUX, DEBRA	Available Online	Authorize to Act as Agent
151 & 153 Amos Lake Dr - Subdivision Draft.pdf	11/08/2023 12:13	Lowman, Jake		
151 AMOS LAKE DR EMAIL FROM JAKE.pdf	11/08/2023 16:10	Sloan, Chrystal		
SITE PLAN.pdf	11/08/2023 16:13	Sloan, Chrystal	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-161340	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	11/09/2023	11/09/2023 0:00	11/09/2023 0:00	11/09/2023 11:53	11/09/2023 11:53

PERMIT SNAPSHOT REPORT (OSWP-2023-40216)

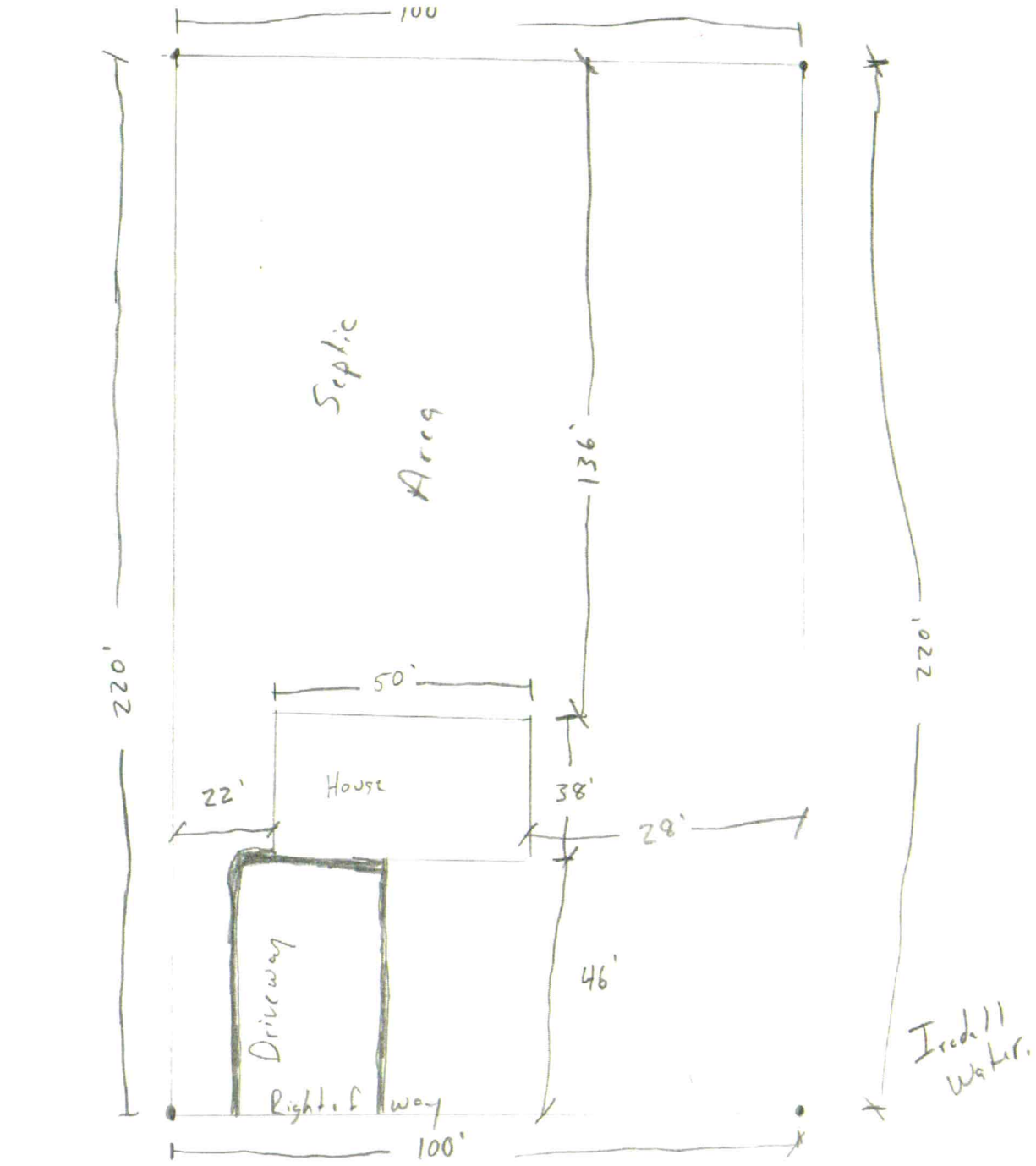
Inspectors: McLeod, Grace (Primary)

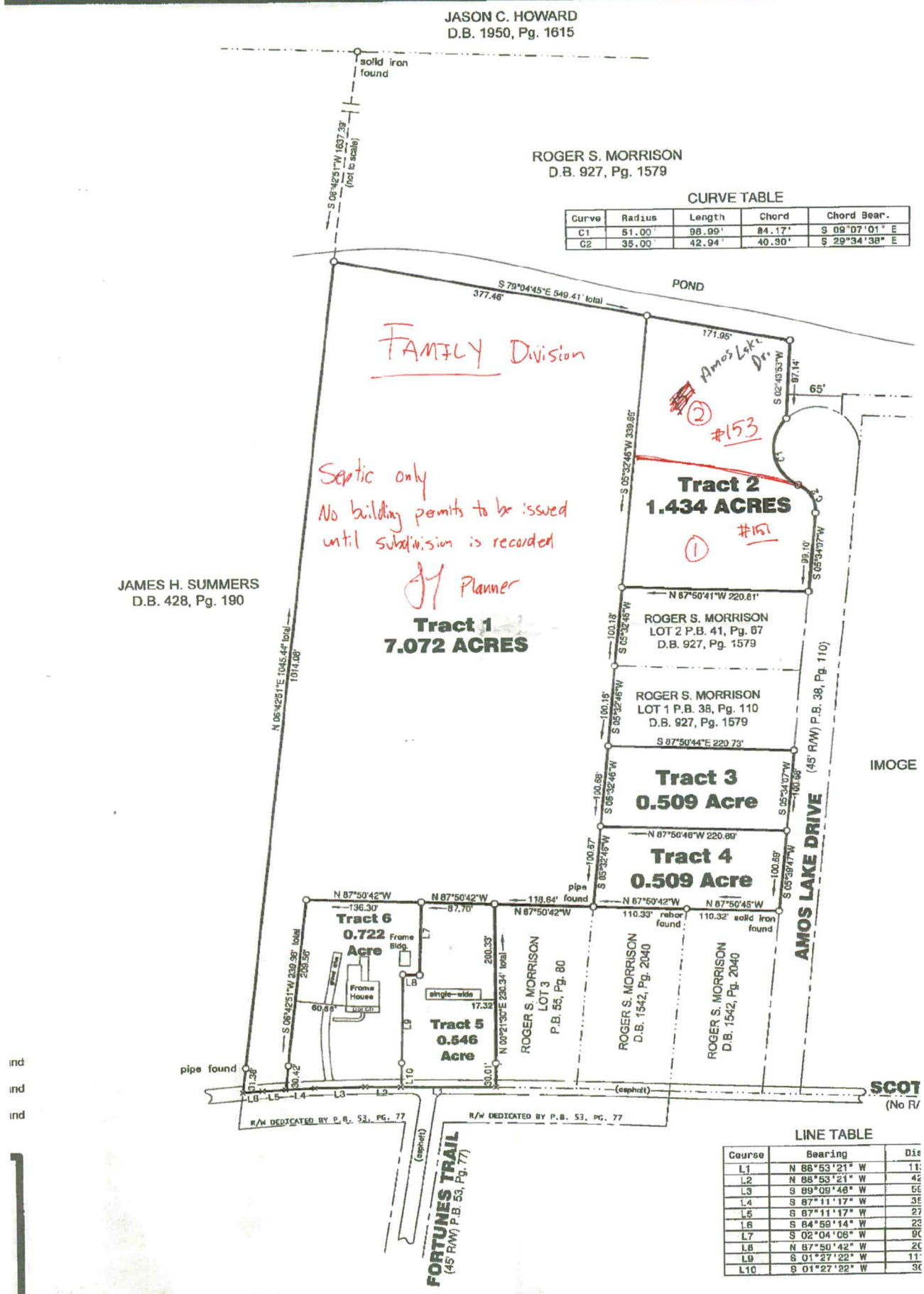
Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

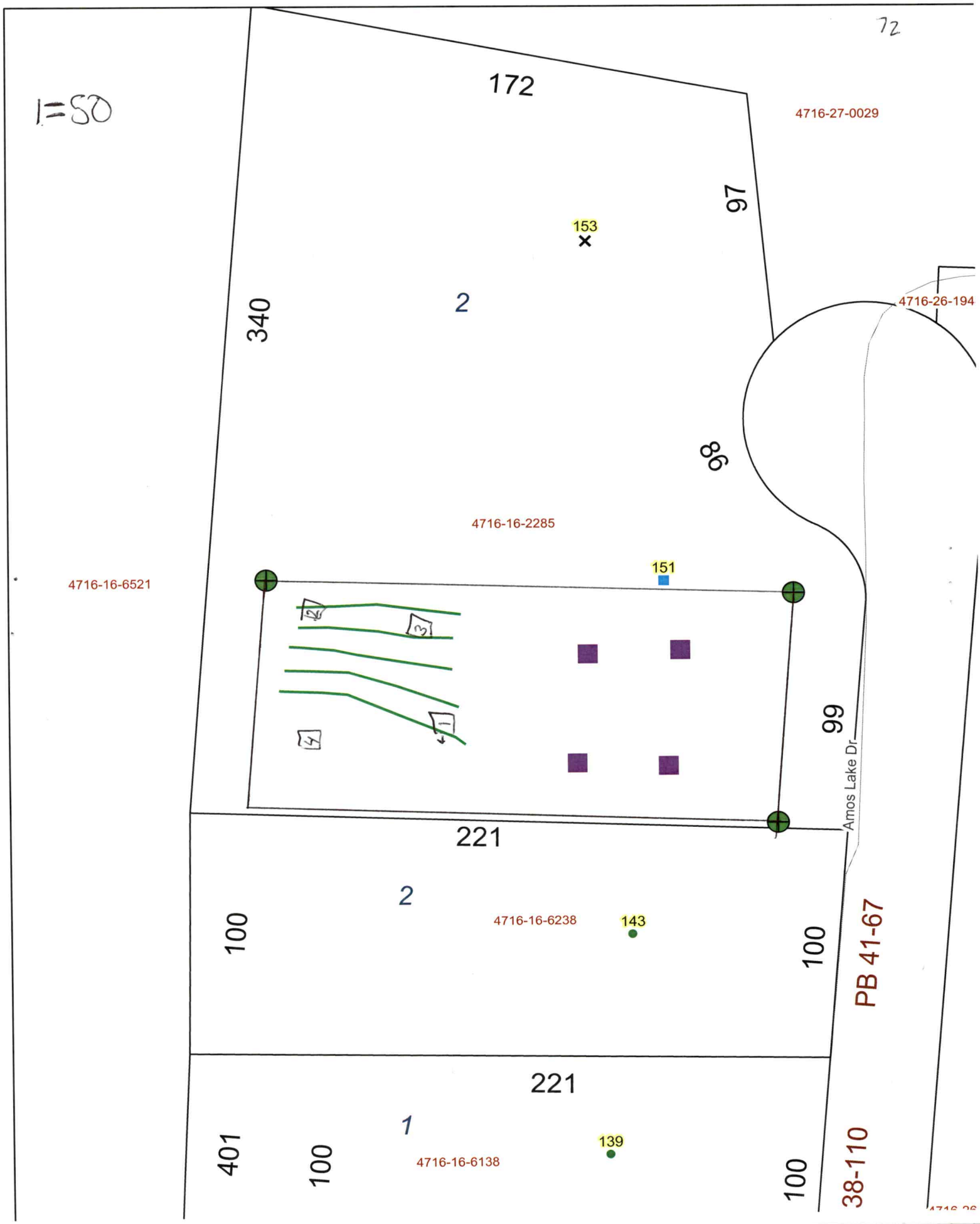
Note	Created By	Date and Time Created
1. 11/9 SIte visit, Site ready GM	Grace McLeod	11/09/2023 11:52

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00023113	Iredell Zoning Tech Fee		$2.25	$2.25
	New Gravity System		$500.00	$500.00
	Iredell Zoning Permit Fee		$75.00	$75.00
		Total for Invoice INV-00023113	$577.25	$577.25
		Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		10/31/2023 9:49	10/31/2023 9:49
Confirm application complete v.1	Generic Action		10/31/2023 9:49
Fees v.1		11/09/2023 8:47	11/09/2023 8:47
Fees Paid v.1	Generic Action		11/09/2023 8:47
Issue Invoice v.1	Generic Action		11/09/2023 8:47
Zoning Review v.1		10/31/2023 10:56	11/09/2023 10:45
~~Floodplain Admin Overview v.1~~	Task		10/31/2023 10:55
Iredell County Zoning Approval v.1	Task	11/08/2023 16:10	11/09/2023 10:45
Issue Invoice v.1	Generic Action		11/08/2023 16:17
Fees Paid v.1	Generic Action		11/09/2023 8:47
Lot Readiness Verification v.1		11/09/2023 11:52	
OSWP Septic Preliminary Site Visit v.1	Inspection	11/09/2023 11:52	11/09/2023 11:53
OSWP Site Evaluation v.1	Inspection		
Issue Improvement Permit v.1			
Issue Invoice v.1	Generic Action		
Fees Paid v.1	Generic Action		
Issue Permit v.1	Generic Action		
Permit Completion Process v.1			
Authorization to Construct Permit v.1	Create Sub Permit		
Issue Authorization to Construct v.1	Generic Action		


100
Septic
Area
136'
220'
50'
House
22'
38'
28'
220'
Driveway
46'
Right of way
Irrdell
Water.
100'
Amos Lake Drive


JASON C. HOWARD
D.B. 1950, Pg. 1615
solid iron found
S 06°42'51"W 1637.39' (not to scale)
ROGER S. MORRISON
D.B. 927, Pg. 1579
CURVE TABLE
Curve | Radius | Length | Chord | Chord Bear.
C1 | 51.00' | 98.99' | 84.17' | S 09°07'01" E
C2 | 35.00' | 42.94' | 40.30' | S 29°34'38" E
POND
S 79°04'45"E 549.41' total
377.46'
171.95'
Amos Lake Dr.
S 02°43'53"W 87.14'
65'
FAMILY Division
#153
Septic only
No building permits to be issued until subdivision is recorded
Planner
Tract 2
1.434 ACRES
#151
S 05°32'46"W 339.65'
S 05°34'07"W 99.10'
N 87°50'41"W 220.81'
JAMES H. SUMMERS
D.B. 428, Pg. 190
Tract 1
7.072 ACRES
N 06°42'51"E 1045.44' total
1014.06'
ROGER S. MORRISON
LOT 2 P.B. 41, Pg. 67
D.B. 927, Pg. 1579
100.18'
S 05°32'46"W
ROGER S. MORRISON
LOT 1 P.B. 38, Pg. 110
D.B. 927, Pg. 1579
S 87°50'44"E 220.73'
Tract 3
0.509 Acre
100.69'
S 05°34'07"W
N 87°50'48"W 220.69'
Tract 4
0.509 Acre
100.67'
S 05°32'46"W
100.69'
S 05°34'07"W
AMOS LAKE DRIVE (45' R/W) P.B. 38, Pg. 110)
IMOGE
pipe found
N 87°50'42"W 136.30'
N 87°50'42"W 87.76'
118.64' found
N 87°50'42"W
N 87°50'42"W 110.33' rebar found
N 87°50'45"W 110.32' solid iron found
Tract 6
0.722 Acre
Frome Bldg.
Frome House
S 06°42'51"W 239.98' total
209.56'
60.86'
L7
L8
single-wide
17.32
200.35' total
Tract 5
0.546 Acre
N 00°21'30"E 230.34' total
ROGER S. MORRISON
LOT 3
P.B. 55, Pg. 80
ROGER S. MORRISON
D.B. 1542, Pg. 2040
ROGER S. MORRISON
D.B. 1542, Pg. 2040
pipe found
51.38'
30.42'
90.01'
L10
L9
L6 L5 L4 L3 L2
(asphalt)
SCOT
(No R/
R/W DEDICATED BY P.B. 53, PG. 77
R/W DEDICATED BY P.B. 53, PG. 77
(asphalt)
FORTUNES TRAIL
(45' R/W) P.B. 53, Pg. 77)
LINE TABLE
Course | Bearing | Dis
L1 | N 86°53'21" W | 11
L2 | N 88°53'21" W | 4
L3 | S 89°09'48" W | 5
L4 | S 87°11'17" W | 3
L5 | S 87°11'17" W | 2
L6 | S 84°59'14" W | 2
L7 | S 02°04'06" W | 9
L8 | N 87°50'42" W | 2
L9 | S 01°27'22" W | 1
L10 | S 01°27'22" W | 3

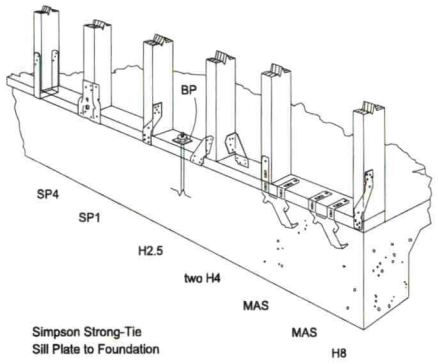

1=50
72
172
4716-27-0029
97
153
2
340
4716-26-194
98
4716-16-2285
151
4716-16-6521
99
Amos Lake Dr
221
2
4716-16-6238
143
100
100
PB 41-67
221
1
139
401
100
4716-16-6138
100
38-110

Pictures... Pictures....Pictures.... We'd LOVE to see our home - through your eyes! - Please send pictures of your finished home to us.....Pictures... Pictures... Pictures

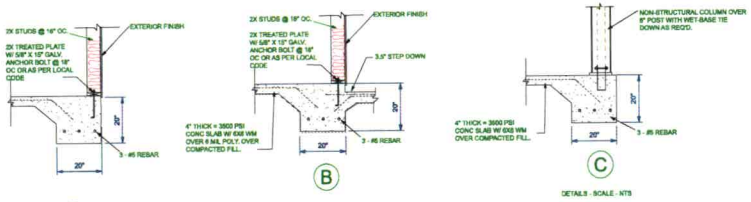
NOTE: USE SYROFOAM INSULATION BOARD ONLY IF THE TERMITE TREATMENT USED HAS A LIFETIME WARRANTY.

FOUNDATION NOTES:

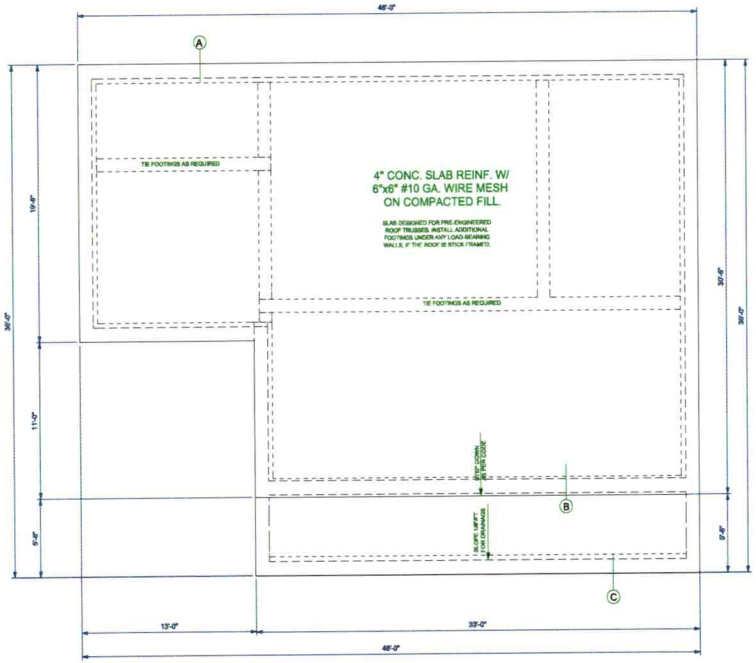
1. CONCRETE SHALL CONFORM TO ACI 318 (BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE) AND TO ACI 315 (MANUAL OF STANDARD PRACTICE FOR DETAILING STEEL). REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60.
2. ALL REINFORCING STEEL SHALL BE SUPPORTED ON METAL OR PLASTIC CHAIRS.
3. CONCRETE SHALL BE 3,500 PSI MIX AND SHALL OBTAIN 3,500 PSI IN 28 DAYS.
4. CONCRETE SHALL BE POURED WITH NO MORE THAN A 6" SLUMP. MINIMUM OF 2" WASHED SAND, PLACED OVER SELECTED FILL (MAY FREE OF ROOTS AND OTHER ORGANIC MATTER) AND COMPACTED IN 8" LIFTS TO OBTAIN 95% STANDARD PROCTOR DENSITY.
5. AREA WHERE FOUNDATION WILL BE CONSTRUCTED SHALL HAVE THE TOP 8" OF SOIL REMOVED AND STORED IN AN AREA ON SITE TO BE USED AS BACKFIELD AT A LATER DATE. AREA SHALL BE COMPACTED AND TESTED TO OBTAIN 95% STANDARD PROCTOR DENSITY (ASTM-698), AND ALL FILL DIRT SHALL BE PLACED AND COMPACTED TO OBTAIN A 95% STANDARD PROCTOR DENSITY VERIFIED BY A QUALIFIED SOIL TESTING LAB.
6. STRIP ALL TOPSOIL, VEGETATION, DEBRIS, ROOTS AND DELETERIOUS MATERIAL FROM UNDER FOOTING PAD.
7. THE ALLOWABLE SOIL BEARING PRESSURE IS 1,000 PSF.
8. CONSTRUCT FOOTINGS AND SLAB AS SPECIFIED - ADJUST AS REQUIRED FOR SITE CONDITIONS AND LOCAL CODES.



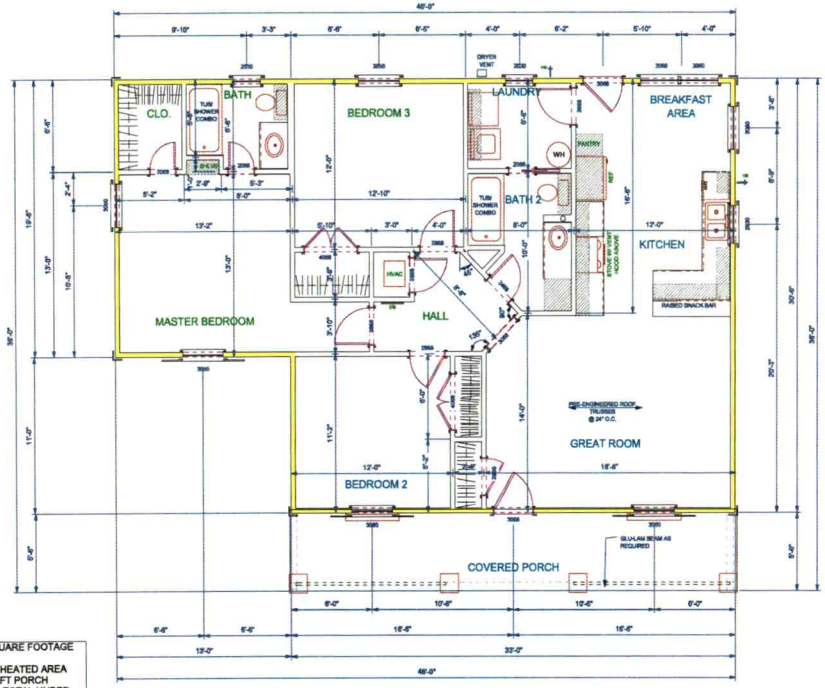
Simpson Strong-Tie
Sill Plate to Foundation



NOTE: CONTRACTOR TO VERIFY ALL DATA AND CONDITIONS DUE TO VARYING SOIL CONDITIONS AND MATERIALS AND BE RESPONSIBLE FOR THE SAME.



MONOLITHIC SLAB FOUNDATION



FLOOR PLAN

APPROX. SQUARE FOOTAGE

1260 SQ.FT HEATED AREA
182 SQ.FT PORCH
1442 SQ. FT. TOTAL UNDER ROOF

NOTICE: ANY DISCREPANCIES, ERRORS AND OR OMISSIONS IN THE NOTES, DIMENSIONS, AND/OR DRAWINGS CONTAINED ON THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. PROCEEDING WITH CONSTRUCTION CONSTITUTES THE ACCEPTANCE OF THE DOCUMENTS AND ANY DISCREPANCIES, ERRORS AND/OR OMISSIONS BECOME THE RESPONSIBILITY OF THE BUILDING CONTRACTOR.

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601-928-3234

N · C · B · D · C

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Wiggins, MS 39577

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RESIDENTIAL DESIGNERS

For God so loved the world, that he gave his only begotten son, that whosoever believeth in him should not perish but have everlasting life. - John 3:16

PLAN NUMBER

DP-1260

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12/07
on Date noted above.

SCALE

1/4"=1'-0"
UNLESS NOTED OTHERWISE

REVISIONS

DATE	REVISION MADE

Pictures... Pictures....Pictures.... We'd LOVE to see our home - through your eyes! - Please send pictures of your finished home to us.....Pictures... Pictures... Pictures