ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2022-0049

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

PIN # 3794 -- 14 --3338

APPLICANT/OWNER: KYLE BROOME APPLICANT ADDRESS: 132 SPRINGFIELD ROAD, STATESVILLE, N.C 28625

SITE ADDRESS: 272 COTTON GIN ROAD, STONY POINT, N.C 28678 PHONE: 704-929-4244 ALT. PHONE -

SITE DIRECTIONS: (W) ON 40, (R) ON OLD MOUNTAIN, (L) ON ISLAND FORD, (R) ON COTTON GIN, LOT ON (R) SAP CONTROLLED: ☐ YES ☑ NO

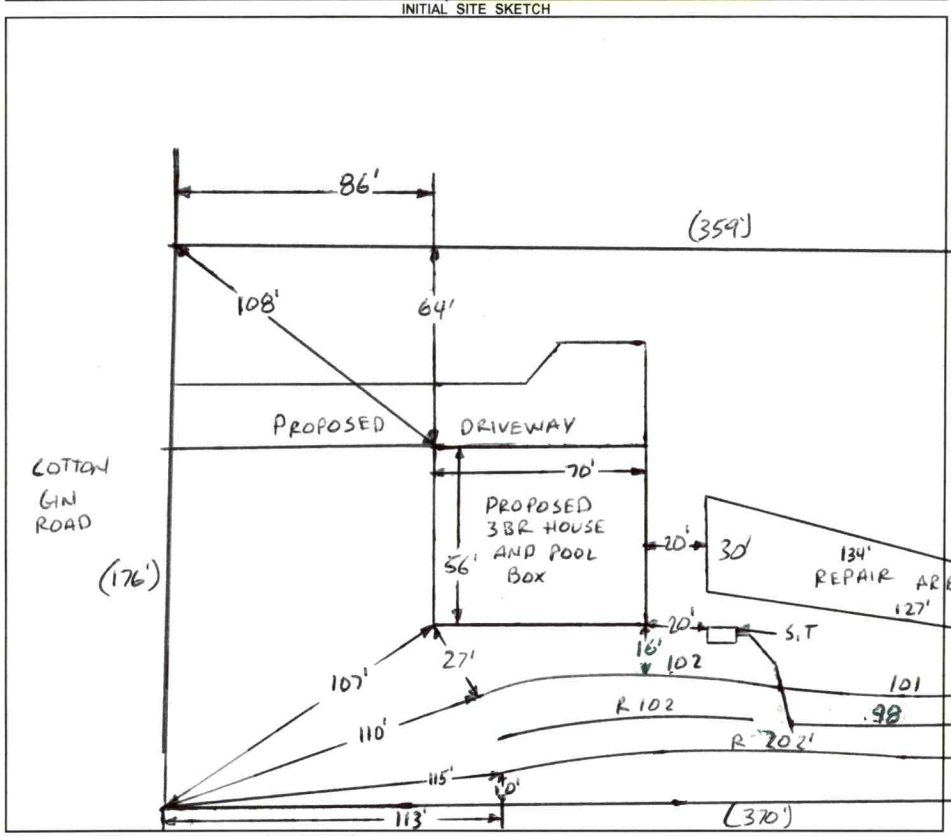
SUBDIVISION: SECTION: LOT # LOT AREA: DESIGN FLOW: 360GPD L.T.A.R.: 0.3 (0.25) REPAIR

Septic Tank	1000	(gal)	STB 1012	Date 2/10/23	☑ 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			☐ Business	No. Persons	6	☐ Private
Pump Make	–	Model	–	Serial # –	Repair System Description:	25% REDUCTION			☐ Other	No. Employees	–	☑ Public
# Nitrification Fields	1	# Lines	3	Linear Ft 301FT	Maintenance Agreement Required:	☐ YES	☑ NO		☑ Slab	☐ Crawl Space		☐ Community
Trench Width	36 IN	Trench Bottom Depth(Low side)		28 IN Gravel Depth –		☑ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION, DO NOT EXCEED A 36IN MAX TRENCH DEPTH, DO NOT GRADE OVER SEPTIC AREA, DO NOT SHALLOW UP

PROPERTY MUST BE RECORDED PRIOR TO A.C.
PROPERTY RECORDED IN DEED BOOK 2941 PAGES 2047-2051

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.

1 IN = 60 FT
S.T. = SEPTIC TANK
R = REPAIR

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: Frye Grading

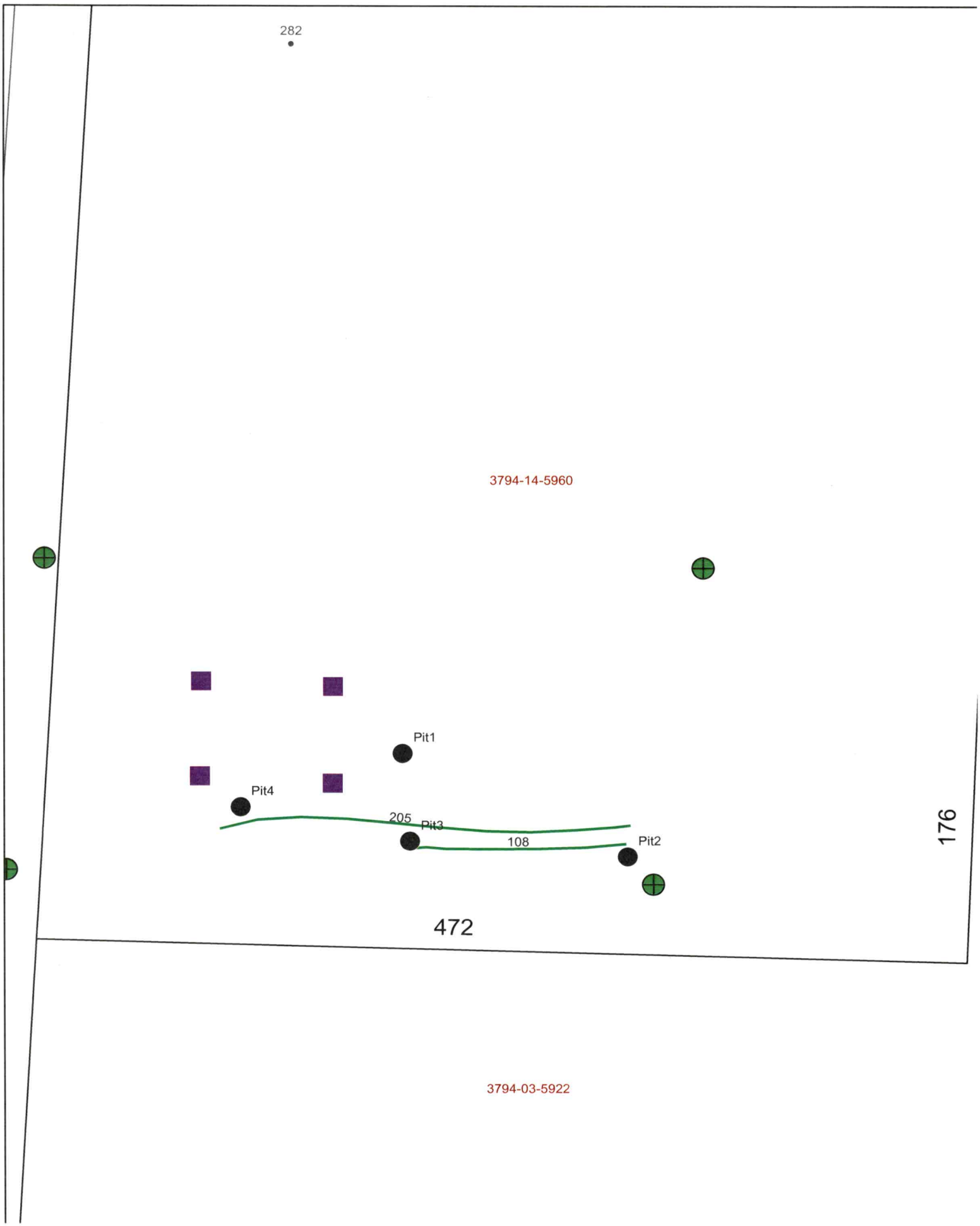
IMPROVEMENT PERMIT by: Bryant C. White Date: 8-30-2022 OPERATION PERMIT by: Matt Wise Date: 5/3/23

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 9-1-2022 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? _____	


282
3794-14-5960
Pit1
Pit4
205
Pit3
108
Pit2
176
472
3794-03-5922

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

Sheet 1 of 1
PROPERTY ID #: TBD
COUNTY: IREDELL

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

OWNER: KYLE BROOME
ADDRESS: 132 SPRINGFIELD ROAD, STATESVILLE, NC 28625
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360GPD
LOCATION OF SITE: 272 COT
APPLICATION DATE: 7-28-2022
DATE EVALUATED: 8-25-2022
PROPERTY SIZE: TBD
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	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
1	LINEAR SIDE 7%	0-8	SCL, SBK	FR, SS, SP, SEXP	YB MOTS 38"+ 10YR/6/4 @ ~~44~~"	48"+	NA	NA	PS .25 ABOVE 44"
		8-48	C, ABK	FI, S, P, SEXP					
2	LINEAR SIDE 5%	0-6	SCL, SBK	FR, SS, SP, SEXP	~~SAP~~ INC THRU OUT	48"+	NA	NA	PS .3
		6-24	C, ABK	FR, S, P, SEXP					
		24-48	CL, WABK	FI, SS, SP, SEXP					
3	LINEAR SIDE 8%	0-9	SCL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT FEW FI	49"+	NA	NA	PS .3
		9-26	C, ABK	FR, S, P, SEXP					
		26-49	CL, WABK	FI, SS, SP, SEXP					
4	LINEAR SIDE 6%	0-27	C, ABK	FR, ~~S~~, ~~P~~, SEXP	SAP INC THRU OUT FEW FI	50"+	NA	NA	PS .3
		27-50	CL, WABK	FI, SS, SP, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	25%
Site LTAR	0.3	0.25

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Bryant C. White
OTHER(S) PRESENT: _____

COMMENTS: _____

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular)
DS (Debris Slump) FP (Flood Plain) FS (Foot Slope)	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		SBK (Subangular Blocky) ABK (Angular Blocky)
H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		PL (Platy) PR (Prismatic)
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05		
		O (Organic)	None	None		

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
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.

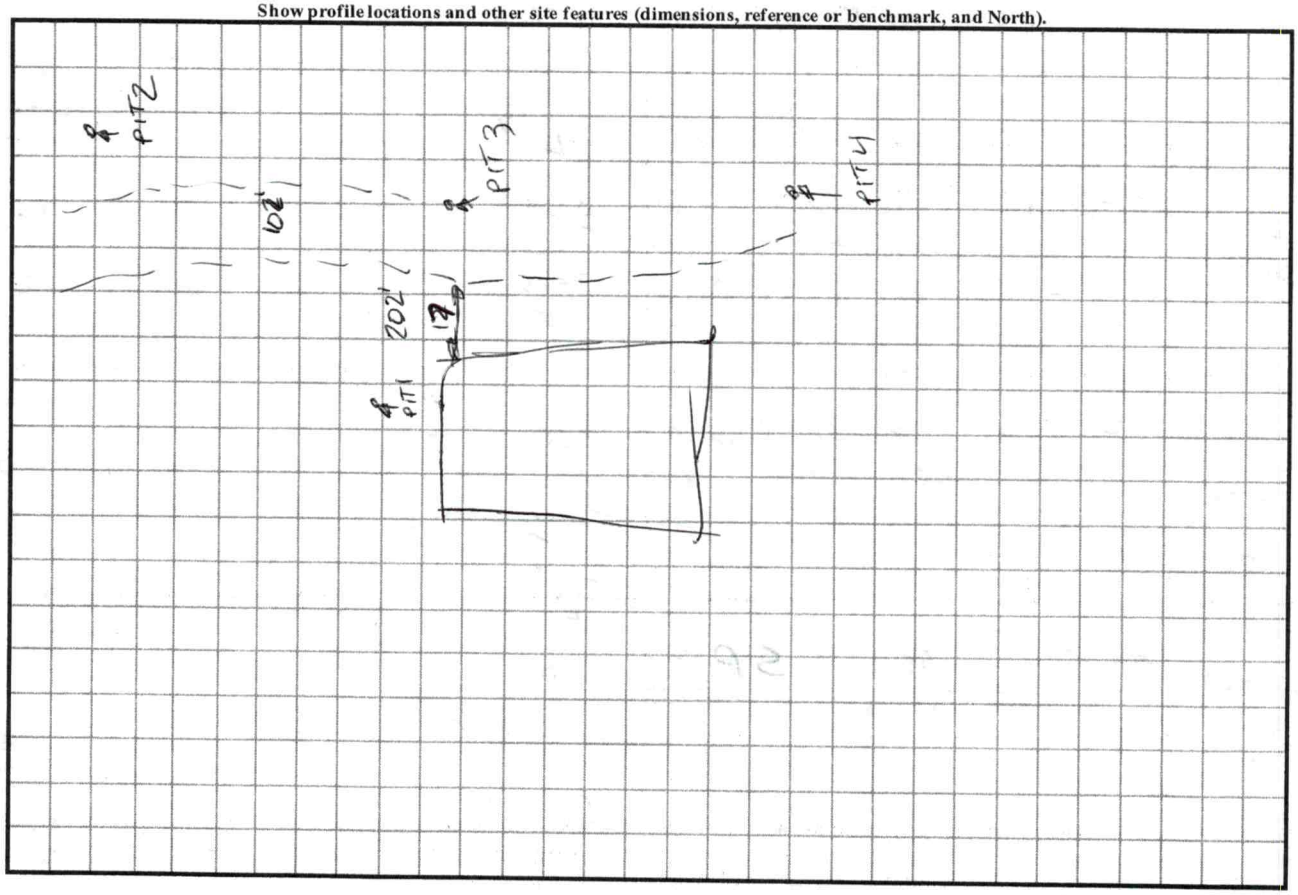
NOTES

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).



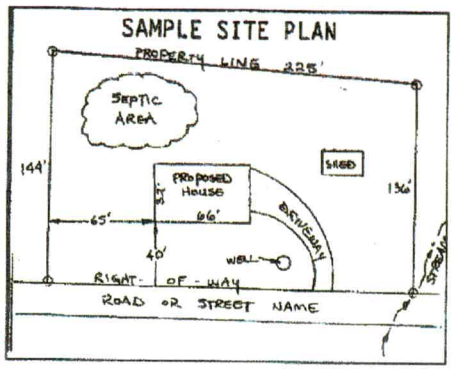
15% SLOPE

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *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 PERMIT!!!*



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

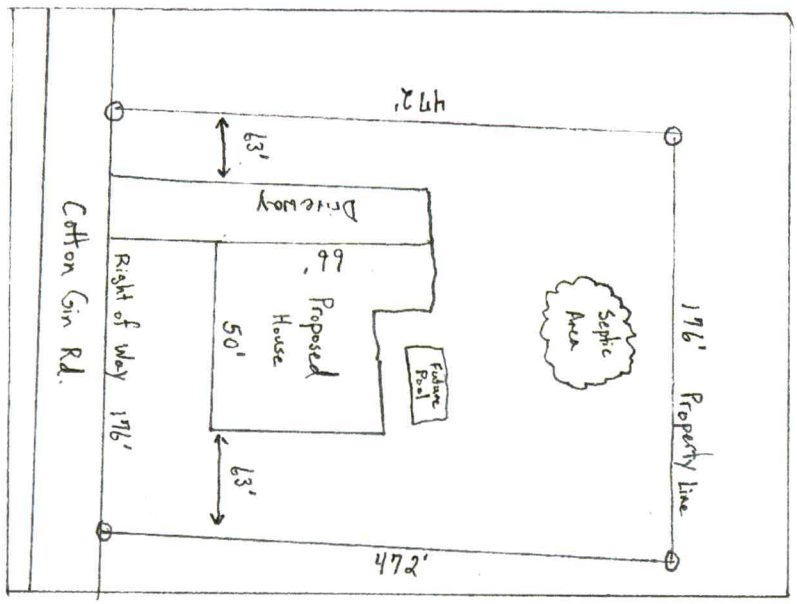
- ( ) **Property Line measurements are clearly identified**
- ( ) **All proposed structures are indicated**
- ( ) **Front and side setbacks from property line**
- ( ) **Preferred driveway location and well location**
- ( ) **Area you prefer your septic system to be placed**
- ( ) **North arrow, or other 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



KYLE BROOME
704-929-4244

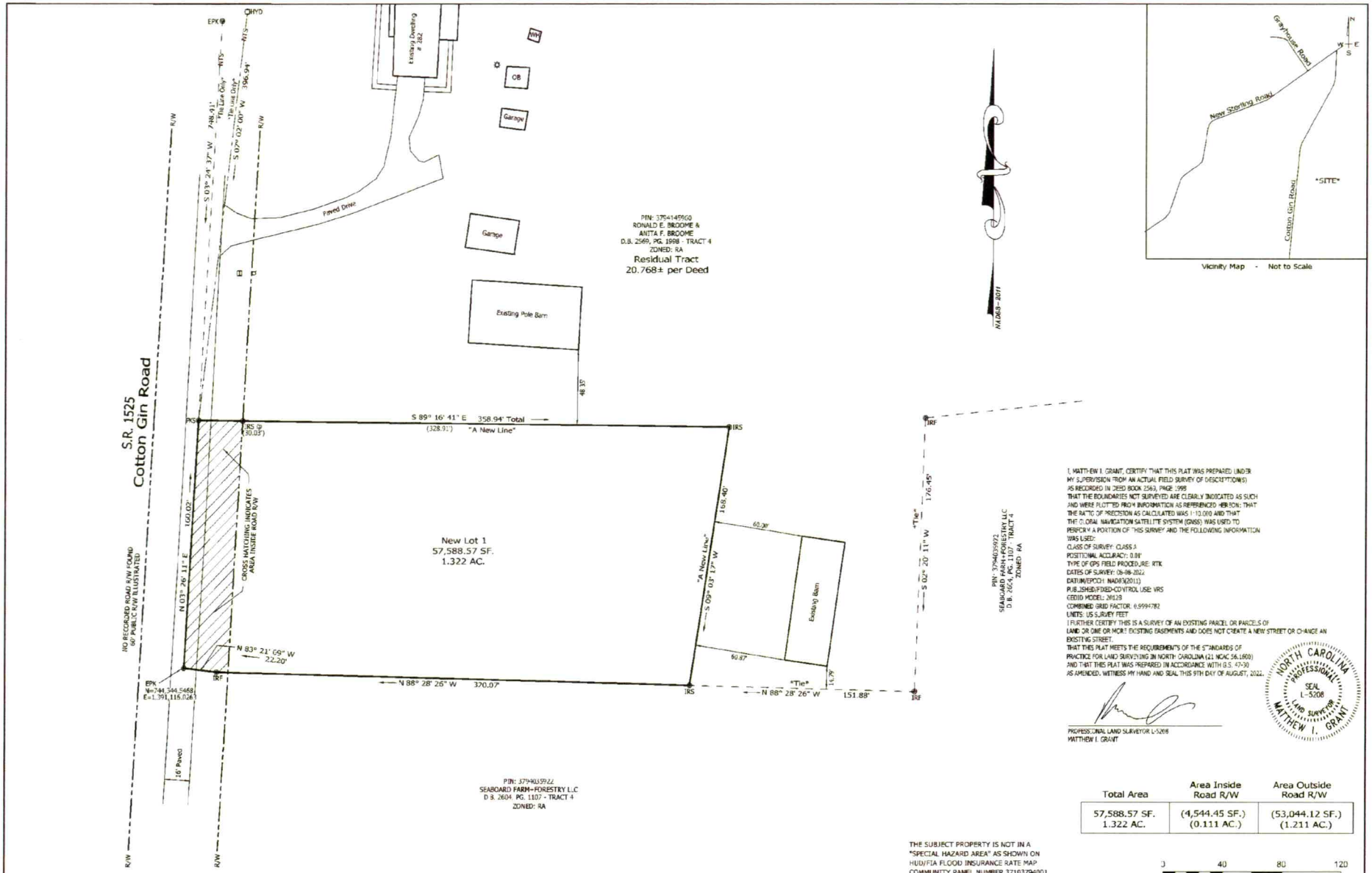
3BR
SLAB FOUNDATION

Signature: _____

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

_____

DATE



I, MATTHEW I. GRANT, CERTIFY THAT THIS PLAT WAS PREPARED UNDER MY SUPERVISION FROM AN ACTUAL FIELD SURVEY OF DESCRIPTION(S) AS RECORDED IN DEED BOOK 2569, PAGE 1998
THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS SUCH AND WERE PLOTTED FROM INFORMATION AS REFERENCED HEREON; THAT THE RATIO OF PRECISION AS CALCULATED WAS 1:10,000 AND THAT THE GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) WAS USED TO PERFORM A PORTION OF THIS SURVEY AND THE FOLLOWING INFORMATION WAS USED:
CLASS OF SURVEY: CLASS A
POSITIONAL ACCURACY: 0.07'
TYPE OF GPS FIELD PROCEDURE: RTK
DATES OF SURVEY: 08-08-2022
DATUM/EPOCH: NAD83(2011)
PUBLISHED/FIXED-CONTROL USE: VRS
GEOID MODEL: 2012B
COMBINED GRID FACTOR: 0.9994782
UNITS: US SURVEY FEET
I FURTHER CERTIFY THIS IS A SURVEY OF AN EXISTING PARCEL OR PARCELS OF LAND OR ONE OR MORE EXISTING EASEMENTS AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.
THAT THIS PLAT MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600) AND THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED. WITNESS MY HAND AND SEAL THIS 9TH DAY OF AUGUST, 2022.

PROFESSIONAL LAND SURVEYOR L-5208
MATTHEW I. GRANT

NORTH CAROLINA PROFESSIONAL SEAL L-5208 LAND SURVEYOR MATTHEW I. GRANT

Total Area	Area Inside Road R/W	Area Outside Road R/W
57,588.57 SF. 1.322 AC.	(4,544.45 SF.) (0.111 AC.)	(53,044.12 SF.) (1.211 AC.)

THE SUBJECT PROPERTY IS NOT IN A "SPECIAL HAZARD AREA" AS SHOWN ON HUD/FIA FLOOD INSURANCE RATE MAP
COMMUNITY PANEL NUMBER 3710379400J
EFFECTIVE DATE 3/18/2008.

0 40 80 120

LEGEND:

IPF - IRON PIPE FOUND
IRF - IRON REBAR FOUND
IRS - IRON REBAR SET
HYD - HYDRANT
NTS - NOT TO SCALE
EPK - EXISTING PK NAIL
PKS - PK NAIL SET
R/W - RIGHT OF WAY
OB - OUTBUILDING
WH - WELLHOUSE
- TELEPHONE PEDESTAL
- WELL
- POWER POLE
- LIGHT POLE
- COMPUTED POINT

NOTES:

PROPERTY SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.

PROPERTY SUBJECT TO EASEMENTS AND RIGHTS OF WAY OF RECORD AND THOSE NOT OF RECORD, IF ANY EXIST.

AREA BY COORDINATE COMPUTATION.

PROPERTY MAY BE SUBJECT TO GOVERNMENTAL ORDINANCES, ZONING AND OTHER REGULATIONS CONCERNING THE DIVISION AND DEVELOPMENT OF REAL ESTATE.

NO SUBTERRANEAN SURVEY PERFORMED AT THIS SITE.

ZONING:

PROPERTY IS ZONED: RA - IREDELL COUNTY ZONING JURISDICTION.

PROPERTY IS SUBJECT TO A 35' FRONT YARD (FY), 35' REAR YARD (RY), & 15' SIDE YARD (SY) - MINIMUM BUILDING SETBACK LINE PER IREDELL COUNTY ZONING ORDINANCE.

JORDAN GRANT
ENGINEERING • SURVEYING • PLANNING
JORDAN GRANT & ASSOCIATES, PLLC
P.O. BOX 151 * STATESVILLE, NC 28687
Matt.Grant@jordan-grant.com (704) 928-7919
FIRM # P-1227

Survey For:
Ronnie Broome

DRAWN BY: SMS	CHECKED BY: WMJ
SCALE: 1"=40'	
DEED REF: 2569-1998	PIN NO: 3794145960
DATE OF MAP: 08/09/2022	SURVEY DATE: 08/08/2022
REVISION:	DRAWING FILE: 20220771-BDY

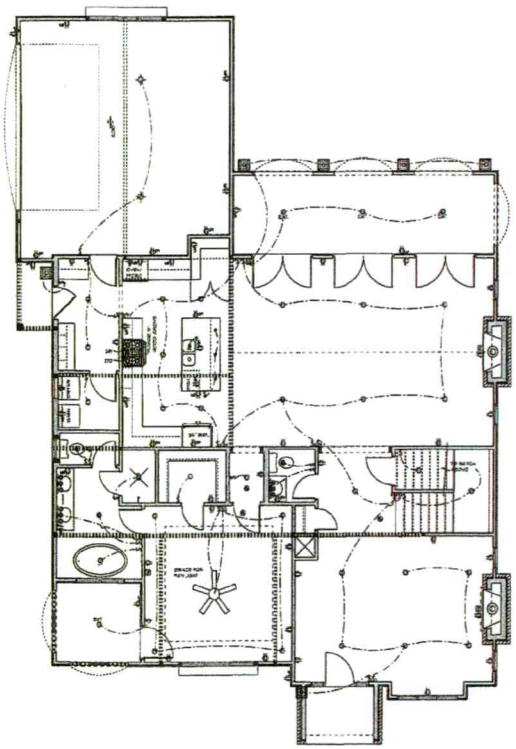
282 COTTON GIN ROAD STONY POINT, NC 28678
SHILOH TOWNSHIP --- IREDELL COUNTY --- NORTH CAROLINA

Acknowledgement Of
Plans Submittal ONLY!

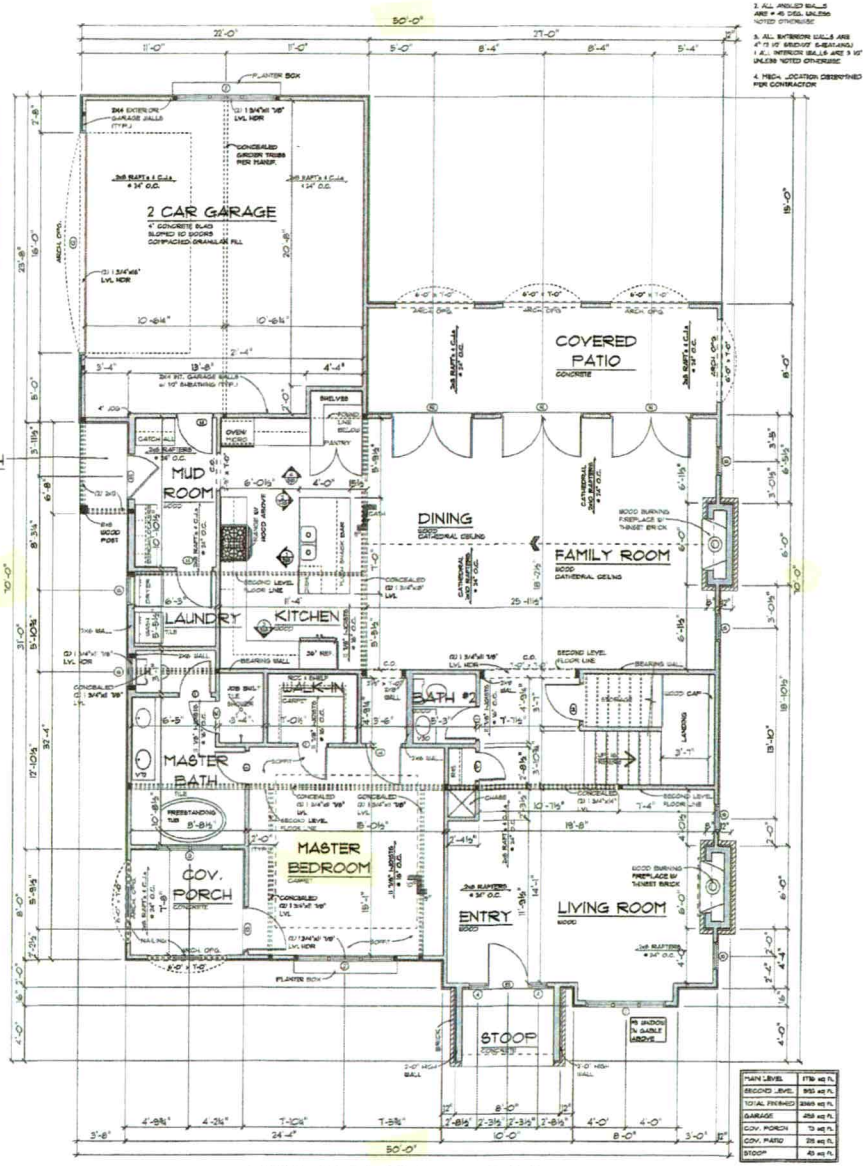
Kyle E. Broome 9/1/2022

Date

Buyer Contractor Date 9-1-2022



MAIN LEVEL ELECTRICAL PLAN



MAIN LEVEL FLOOR PLAN

advanced houseplans

Fox Hills
Reverse Slab

advancedhouseplans

29853

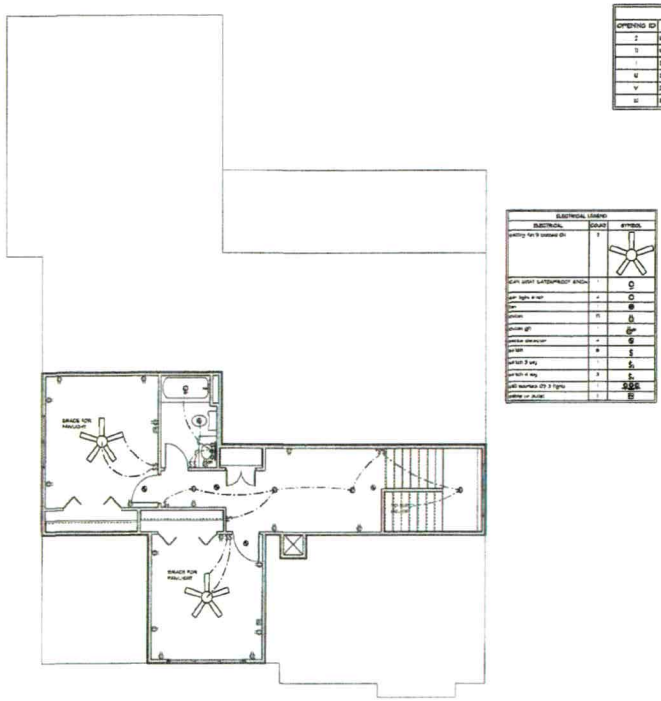
SHEET
5

Kyle E. Broome 9/1/2022

Acknowledgement Of
Plans Submittal ONLY!

Date

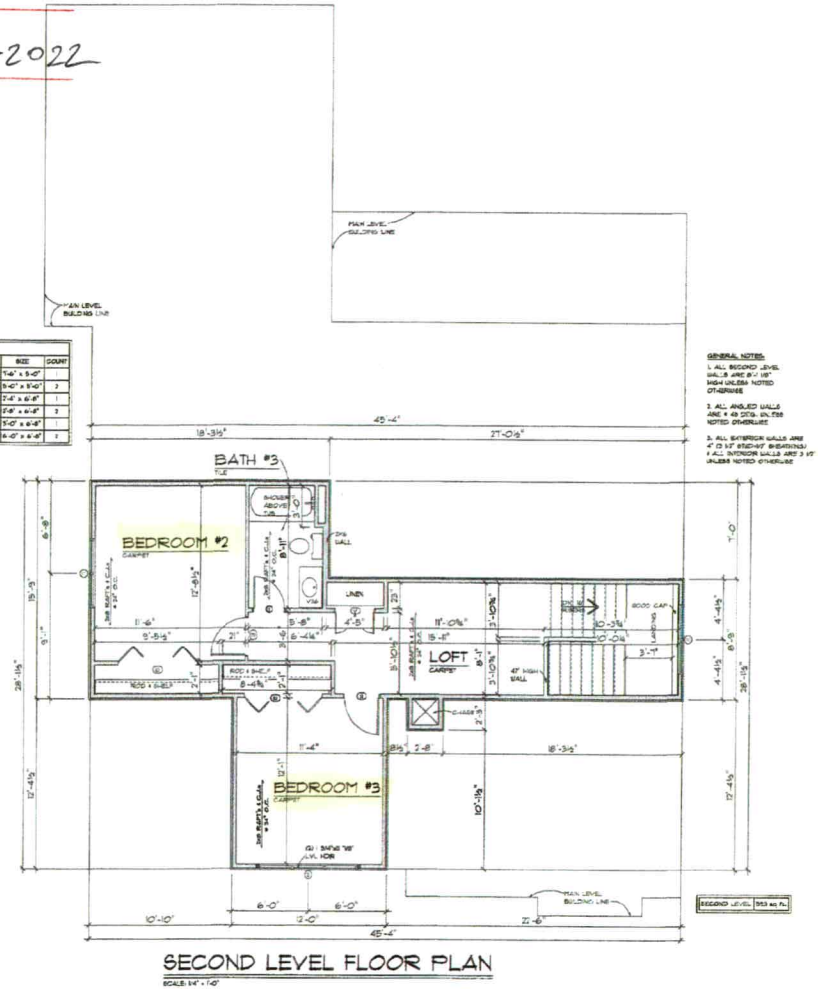
Buyer's Signature Date 9-1-2022



SECOND LEVEL ELECTRICAL PLAN

ELECTRICAL LEGEND		
ELECTRICAL	COUNT	SYMBOL
CEILING FAN 5 GANG OR	1	
CEILING LIGHT WATERPROOF SINGLE	1	
CEILING LIGHT	4	
CEILING LIGHT	11	
CEILING LIGHT	1	
CEILING LIGHT	1	
CEILING LIGHT	4	
CEILING LIGHT	1	
SWITCH 3 WAY	1	
SWITCH 4 WAY	3	
WALL MOUNTED GFI 2 PLEX	1	
CEILING FAN 3 GANG	1	

OPENING SCHEDULE				
OPENING ID	TYPE	PRODUCT CODE	SIZE	COUNT
2	WINDOW	SLIDING CASEMENT 3	5'-0" x 5'-0"	1
3	WINDOW	SLIDING CASEMENT 2	3'-0" x 5'-0"	2
1	DOOR	3068 1	3'-0" x 6'-8"	1
U	DOOR	3068 1	3'-0" x 6'-8"	1
V	DOOR	3068 1	3'-0" x 6'-8"	1
W	BIFOLD	7068 BIFOLD 2	6'-0" x 6'-8"	1



GENERAL NOTES:
1. ALL SECOND LEVEL WALLS ARE 8'-1 1/8" HIGH UNLESS NOTED OTHERWISE
2. ALL ANGLED WALLS ARE 45 DEG. UNLESS NOTED OTHERWISE
3. ALL EXTERIOR WALLS ARE 6" (5 1/2" STUD+1/2" SHEATHING)
4. ALL INTERIOR WALLS ARE 3 1/2" UNLESS NOTED OTHERWISE

SECOND LEVEL FLOOR PLAN

advanced

Fox Hills
Reverse Slab

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