(1)

ICHD–ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # AP307262

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

PIN # 4665388844

APPLICANT/OWNER: Benjamin Johnson | APPLICANT ADDRESS: 1356 Shearers Rd Mooresville NC 28115

SITE ADDRESS: 1356 Shearers Rd Mooresville NC 28115 | PHONE: 704-634-5147 | ALT. PHONE

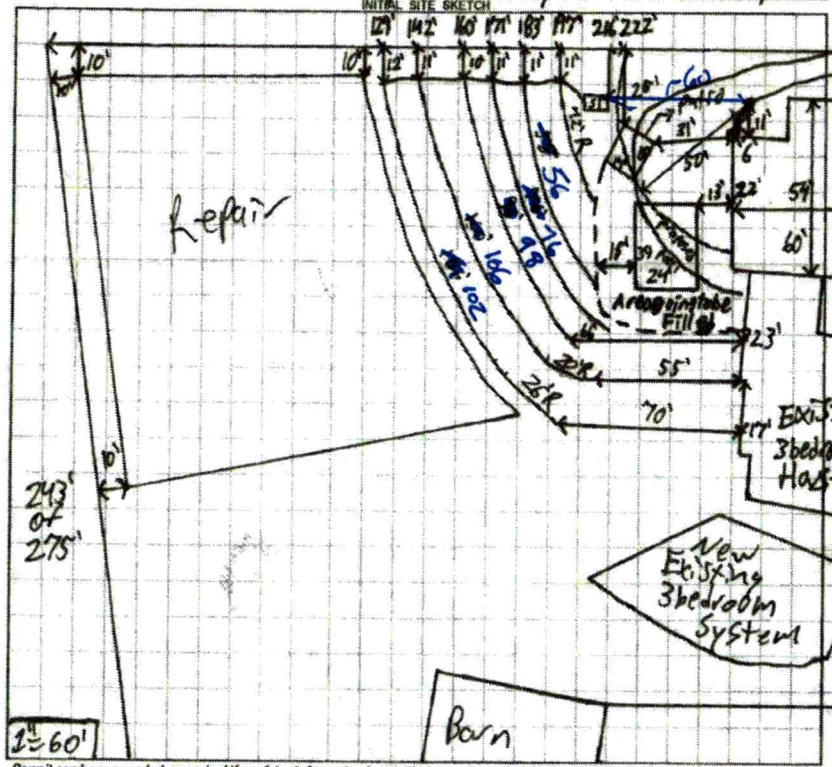
SITE DIRECTIONS: NC 3N to Ron Kistler Farm Rd, Ron Rd Ky River Rd, L on Shearers Rd, Lot on R | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: | SECTION: — LOT # — | LOT AREA: 4.39 acres | DESIGN FLOW: 480GPD | L.T.A.R.: .275

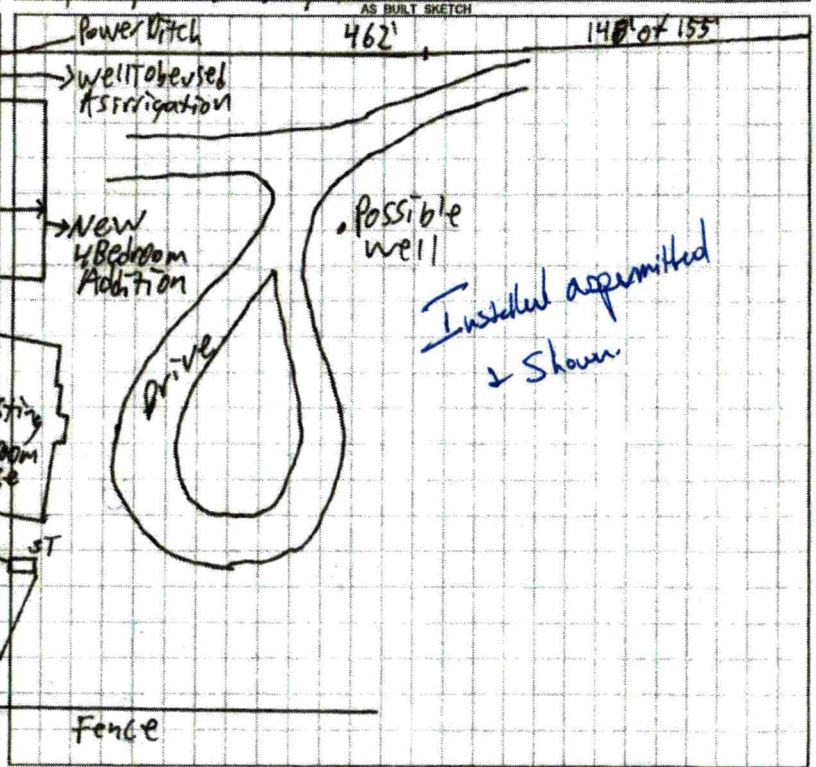
Septic Tank 1000 (gal)	STB 760	Date 12-19-	☒ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI		☒ Residence	No. Bedrooms 4	Water Supply
Pump Tank — (gal)	PT —	Date —	System Description: gravity 25% Reduction		☐ Business	No. Persons 8	☒ Private
Pump Make —	Model —	Serial # —	Repair System Description: gravity 50% Reduction		☐ Other	No. Employees	☐ Public
# Nitrification Fields 1	# Lines	Linear Ft 436'	Maintenance Agreement Required: ☐ YES ☒ NO		☒ Slab	☐ Crawl Space	☐ Community
Trench Width 36"	Trench Bottom Depth(Low side) 33"	Gravel Depth —	☒ GRAVITY ☐ PRESSURE		☐ Basement w/plumbing		☐ Basement w/o plumbing

Comments / Conditions: Install lines on contour. DO NOT drive on, store material or manipulate drainfield in any way. All property lines and corners must be clearly marked by a licensed surveyor during time of installation and inspection. All parts of septic must be 15' off waters edge of pool. NO Fill brought in for pool may be placed over system

INITIAL SITE SKETCH



AS BUILT SKETCH



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

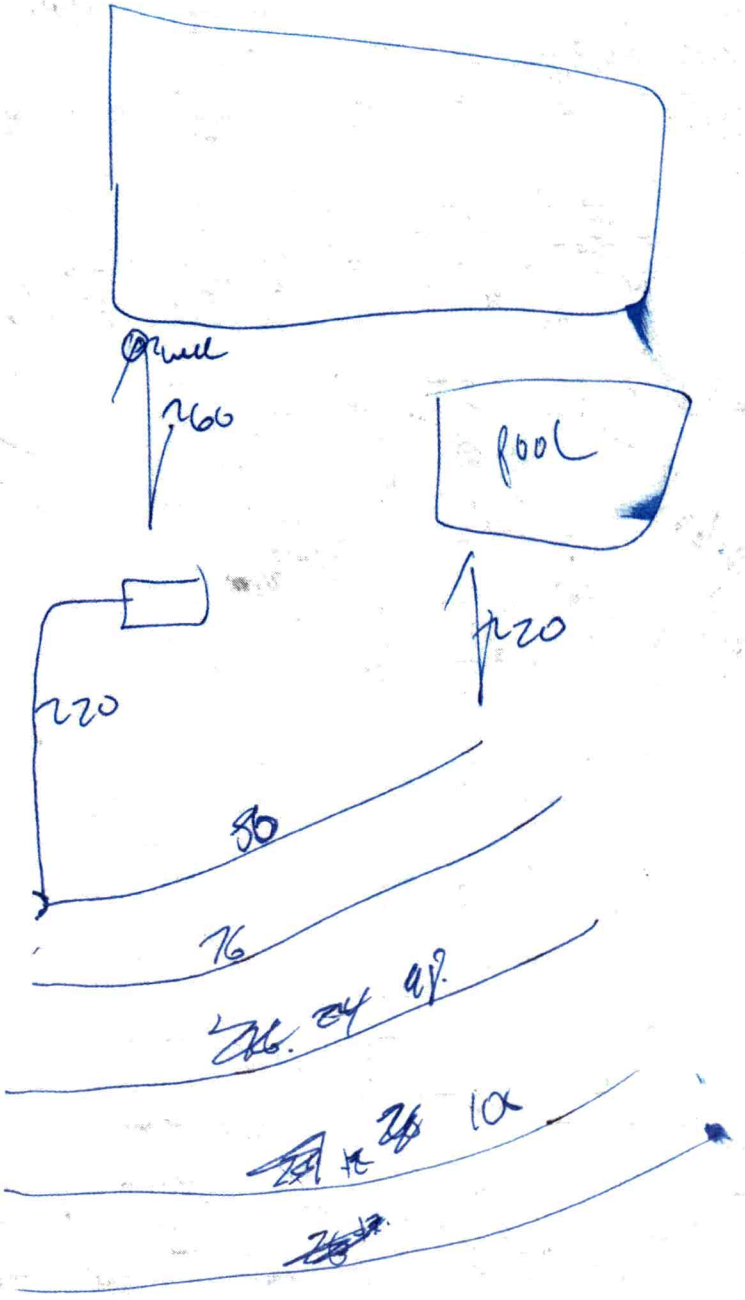
☐ IMPROVEMENT PERMIT with plat valid without expiration. ☒ IMPROVEMENT PERMIT with site plan valid for 60 mos. ☒ AUTHORIZATION TO CONSTRUCT valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

Owner / Applicant Signature: Ben Johnson Date: 1/26/21 | Installed by: Greenway Waste Solutions

IMPROVEMENT PERMIT by: Patrick Bg Ett Date: 1/15/2021 | OPERATION PERMIT by: Benjamin D. Bay Date: 3-9-2021

AUTHORIZATION TO CONSTRUCT by: Patrick Bg Ett Date: 1/20/2021 | Existing System Inspected by: Date:

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 inspection time


well
pool

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

Sheet 1 of 3
PROPERTY ID #: 0665338844
COUNTY: Iredell

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

Look up Rinehart

OWNER: Benjamin Johnson
ADDRESS: 1356 Shearers Rd
PROPOSED FACILITY: New single fam PROPOSED DESIGN FLOW (.1949): 480GPD
LOCATION OF SITE: 1356 Shearers Rd

APPLICATION DATE 5/6/2020
DATE EVALUATED: 6/12/2020
PROPERTY SIZE: 4.39 acres
PROPERTY RECORDED: yes

WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	SC 11%	0-10	Fill	—	Few	48"	Litho	Rocks	PS, .275
		10-33	C SBK	Fr SS SP					
		33-48	CL SBK	Fr SS SP					
2	SS 9%	0-6	SCL SBK	Fr SS SP	Few	48"	Litho	Rocks	PS, .275
		6-26	C SBK	Fr SS SP					
		26-48	CL SBK	Fr SS SP					
3	SS	0-6	SCL WSBK	Fr SSS Pexp	Chroma 2 start 24"	48"	Litho	Rocks	.25 about 24"
		6-26	C ABK	Fr SSS Pexp					
		26-42	CL SBK	Fr SS SP Pexp					
4	SS	0-8	SCL WSBK	Fr SS SP Pexp	—	48"	Litho	—	PS, .3
		8-33	C SBK	Fr SS SP Pexp					
		33-48	CL SBK	Fr SS SP Pexp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	436'	291'
System Type(s)	Gravity 25%	50% Red
Site LTAR	.275	.275

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: PatrickB
OTHER(S) PRESENT: Danielle W

COMMENTS: _____

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

Sheet 2 of 3
PROPERTY ID #: 4665 33 8844
COUNTY: Iredell

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

OWNER: Benjamin Johnson
ADDRESS: 1356 Shearers Rd
PROPOSED FACILITY: New single fam PROPOSED DESIGN FLOW (.1949): 480 GPD
LOCATION OF SITE: 1356 Shearers Rd
APPLICATION DATE 5/6/2020
DATE EVALUATED: 6/12/2020
PROPERTY SIZE: 4.51 acres
PROPERTY RECORDED: Yes

WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	SS	0-6	SCL WSBK	Fr SS SP SPL	—	48"	Litho	Rocks scattered throughout	PS.275
		6-30	C SBK	Fr SS SP SPL					
		30-48	CL SBK	Fr SS SP SPL					
2	SS	0-7	comp fill	—	—	45"	Litho	Rocks scattered throughout	PS.275
		7-38	C SBK	Fr SS SP SPL					
		38-48	CL SBK	Fr SS SP SPL					
3	SS	0-6	SCL SBK	Fr SS SP SPL	Few YBr 7.5YR 5/6	48"	Litho	Rocks scattered throughout	PS.275
		6-31	C SBK	Fr SS SP SPL					
		31-48	CL SBK	Fr SS SP SPL					
4	SS 5%	0-7	Gravelly fill	—	—	48"	Litho	Rocks scattered throughout	PS.3
		7-31	C SBK	Fr SS SP SPL					
		31-48	CL SBK	Fr SS SP SPL					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	436	291'
System Type(s)	Gravity 25%	50% Red
Site LTAR	.275	.275

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Patrick B
OTHER(S) PRESENT: Dainelle W

COMMENTS: Tank Size = 4 bedroom, (840)(1.7)+500 = 1482.8 (1483)
1500 gal tank

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

Sheet 3 of 3
PROPERTY ID #: 4665338044
COUNTY: Iredell

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

OWNER: Benjamin Johnson
ADDRESS: 1356 Shearer Rd
PROPOSED FACILITY: New Singlefam PROPOSED DESIGN FLOW (.1949): 480GPD
LOCATION OF SITE: 1356 Shearer Rd

APPLICATION DATE 5/6/2020
DATE EVALUATED: 6/12/2020
PROPERTY SIZE: 4.39 acres
PROPERTY RECORDED: yes

WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

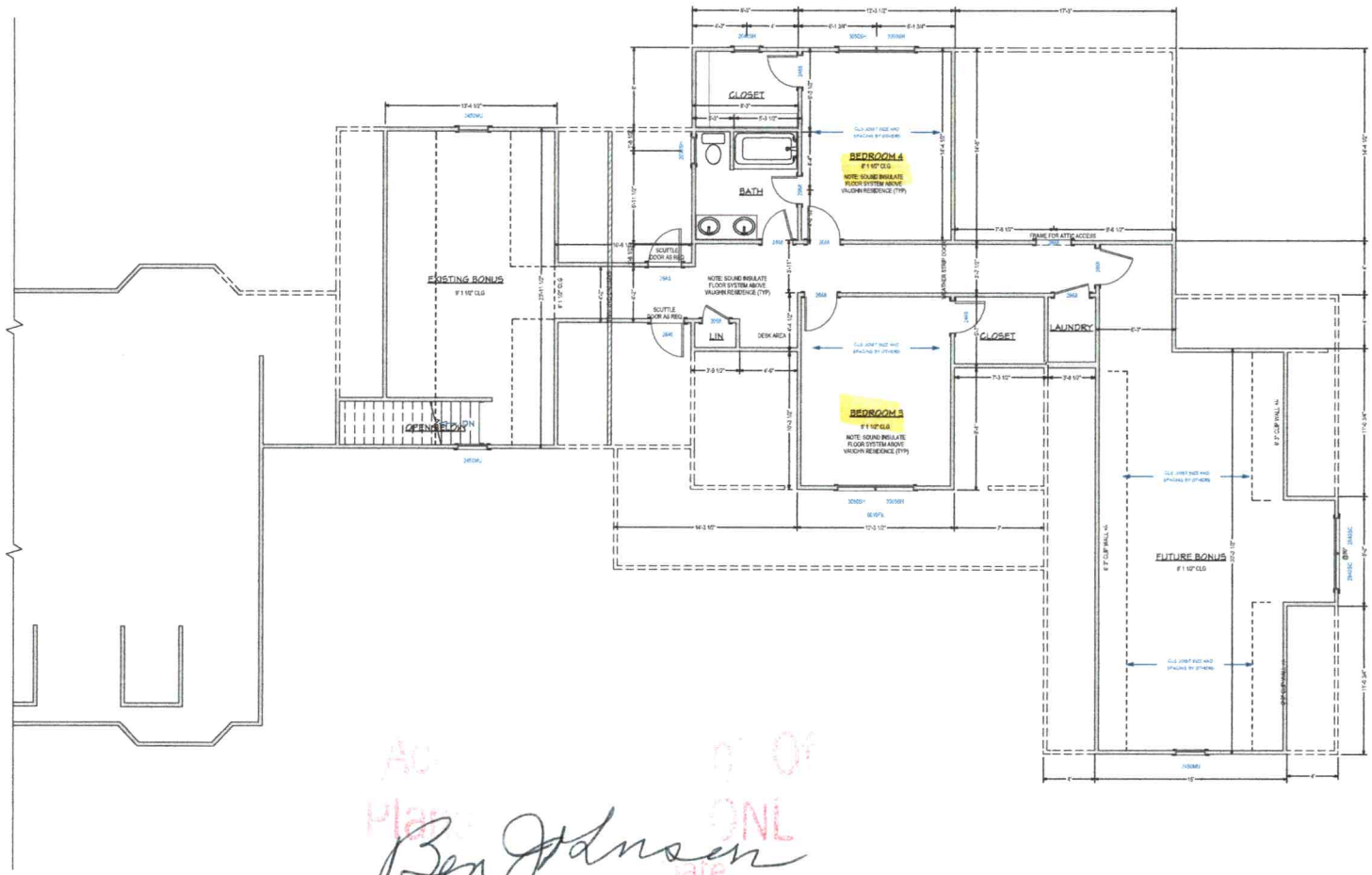
PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	SS	0-7	SCL WSBk	Fr SS SE xP	—	48"	Litho inclusions more common at bottom	—	PS,3
		7-32	C SBk	Fr SS SP SE xP					
	7%	32-48	C SBk	Fr SS SP SE xP					
2									
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	436	291
System Type(s)	Gravity 25%	50%
Site LTAR	.275	.275

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Patrick B
OTHER(S) PRESENT: Danielle W

COMMENTS:

SQUARE FOOTAGE	
COMMUNITY ROOM	601
VAUGHN RESIDENCE	1187
SECOND FLOOR ADD	747
TOTAL HEATED	2515
EXISTING BONUS	335
FUTURE BONUS	592
GARAGES	619
PORCHES	527
TOTAL UNDER ROOF	4528



Ben Johnson

Patricia B. Johnson date 1/20/2021

SECOND FLOOR PLAN

SCALE 1/4" = 1' - 0"

FIELD

NO.	DESCRIPTION	BY	DATE

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Visual Design and Drafting
13923 Providence Rd #152
Weddington NC 28104

PROJECT DESCRIPTION:
Vaughn-Johnson Residence

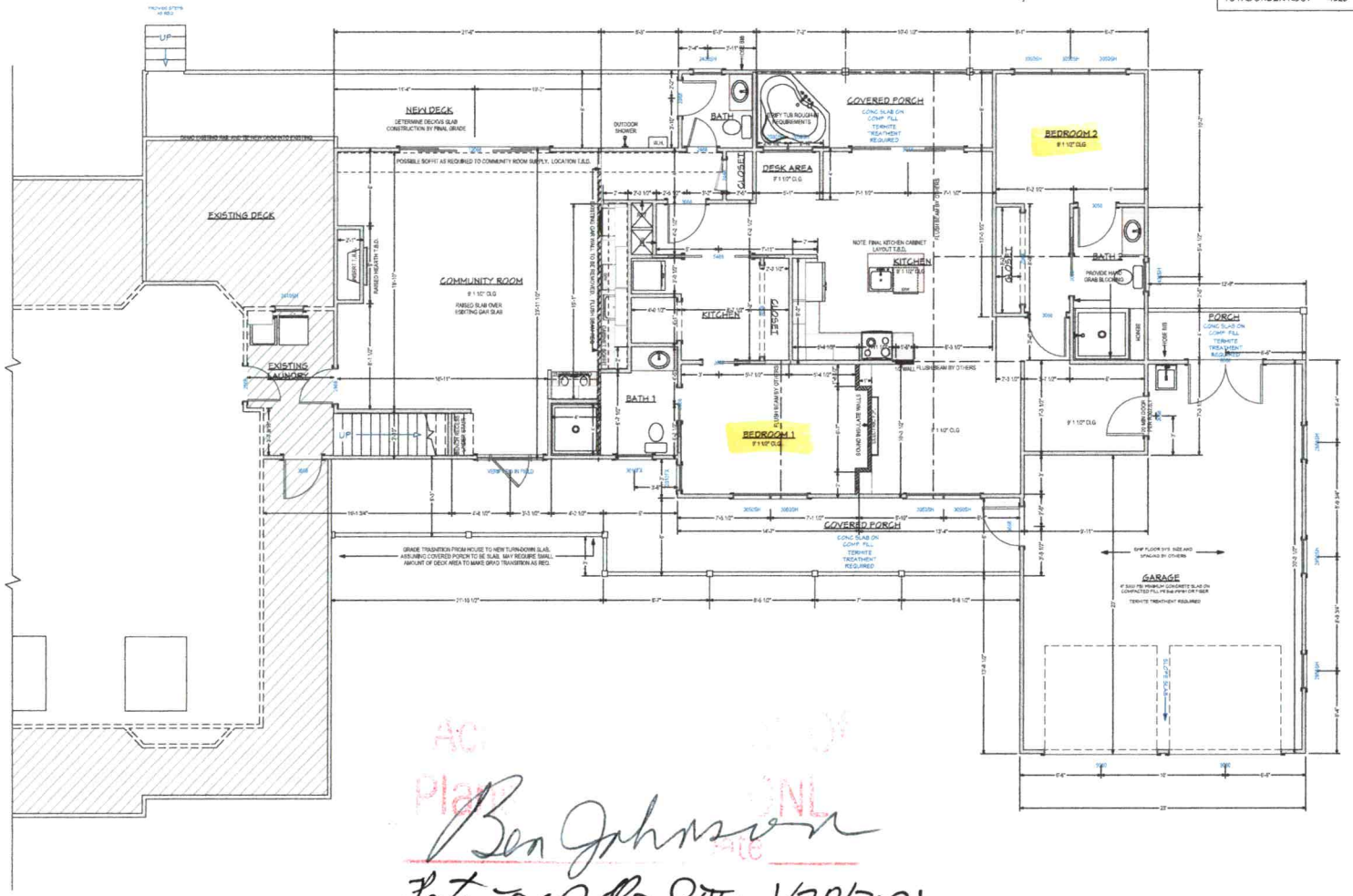
VisualDesignAndDrafting@gmail.com
Justin Travis
704-351-0507
VISUAL DESIGN & DRAFTING

DATE: 6/28/2020

SCALE:

SHEET: A-7

SQUARE FOOTAGE	
COMMUNITY ROOM	601
VAUGHN RESIDENCE	1187
SECOND FLOOR ADD	747
TOTAL HEATED	2515
EXISTING BONUS	335
FUTURE BONUS	532
GARAGES	614
PORCHES	527
TOTAL UNDER ROOF	4528



Ben Johnson
Patricia J Bye Date 1/20/2021

FLOOR PLAN
SCALE 1" = 20'-0"

FIELD

NO.	DESCRIPTION	BY	DATE

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1 Pine Ridge Rd
Washington NC 28104

PROJECT DESCRIPTION:
Vaughn-Johnson Residence

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Justin Travis
(864)957-5960
VISUAL DESIGN & DRAFTING

DATE:
6/28/2020

SCALE:

SHEET:
A-6