ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 PERMIT # AP 2022 - 0601

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

PIN # 4646 -- 23 -- 9772

APPLICANT/OWNER: Heitsman Homes | APPLICANT ADDRESS: PO Box 3965 Mooresville

SITE ADDRESS: 129 Continental Dr Mooresville 28117 | PHONE: (980) 500-1251 | ALT. PHONE:

SITE DIRECTIONS: I-77S to exit 33, R on Williamson Rd, L Ponderosa Cir, L Continental Dr | SAP CONTROLLED: ☐ YES ☑ NO

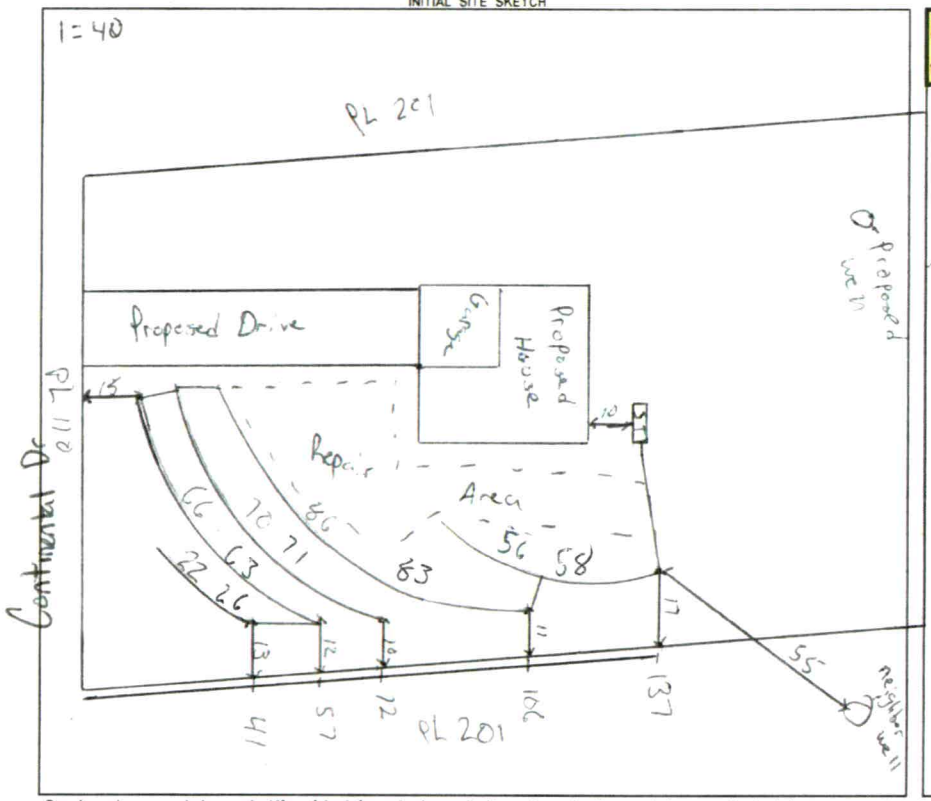
SUBDIVISION: Lake Norman Bonanza | SECTION: | LOT # 100 | LOT AREA: .51 Ac | DESIGN FLOW: 360 | L.T.A.R.: .3

Septic Tank	1000 (gal)	STB	760	Date	3/11/23	☑ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 3
Pump Tank	(gal)	PT		Date		System Description:	25% Reduction - Gravity - Serial	☐ Business	No. Persons 6
Pump Make		Model		Serial #		Repair System Description:	Exempt	☐ Other	No. Employees
# Nitrification Fields	1	# Lines	5	Linear Ft	300	Maintenance Agreement Required:	☐ YES ☑ NO	☑ Slab	☐ Crawl Space
Trench Width	36 in	Trench Bottom Depth	Max 36 in	Gravel Depth	N/A		☑ GRAVITY ☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

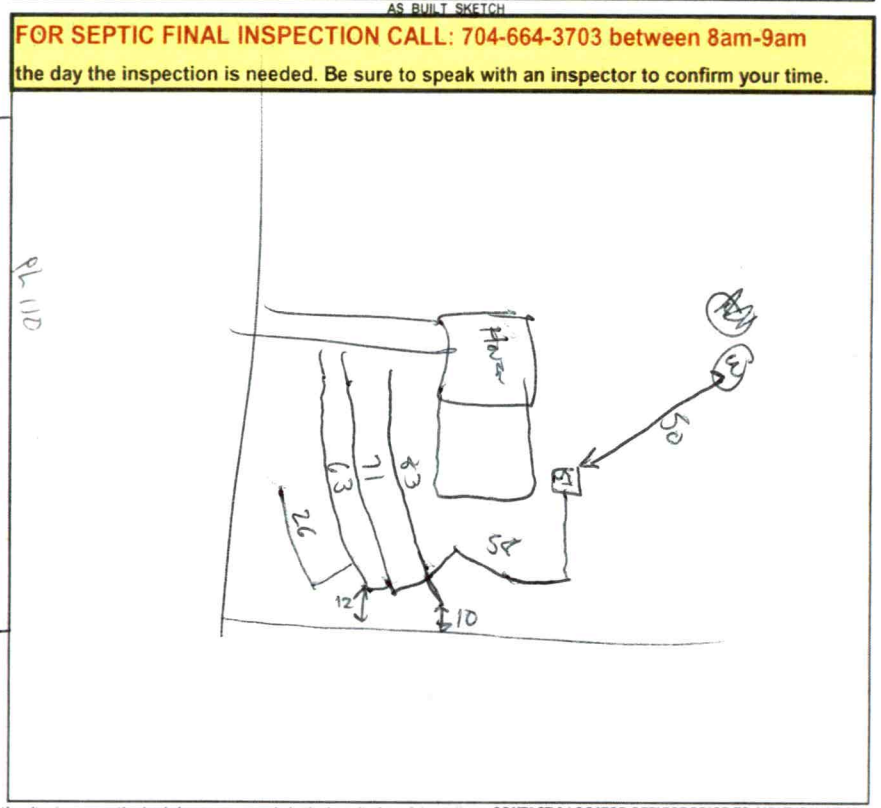
Water Supply: ☑ Private ☐ Public ☐ Community

Comments / Conditions: Install on contour with 4ft on center. Stay 15ft off send ditch. Serial distribution throughout. Do not drive, park or construct on septic area.

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.

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: Specialty Septic

IMPROVEMENT PERMIT by: Matt Wilkie | Date: 9/19/22 | OPERATION PERMIT by: Matt Wilkie | Date: 5/10/23

AUTHORIZATION TO CONSTRUCT by: Matt Wilkie | Date: 9/19/22 | Existing System Inspected by: | Date:

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

I-40

DAS DON ALLEN & ASSOCIATES, P. A.

"Since 1971"

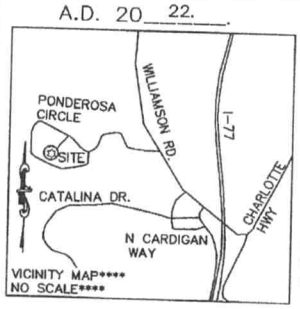
Commercial * Residential * Mortgage Surveys * Multi-Family
Construction Staking * Subdivision Design * Topographical
131 Crosslake Park Drive – Suite 102 * Mooresville * NC * 28117
(704) 664-7029 (704) 664-8041 Fax

I, certify that this map was drawn under my supervision from an actual survey made under my supervision recorded in deed book 1448, page 1943, plat book 7, page 7, that the ratio of precision is 1':10,000, that th was prepared in accordance with the General Statutes of North Carolina Chapter 89(my hand and seal on the 4, day of MARCH, A.D. 20 22.

WILLIAM M. ALLEN, PLS
SEAL
L-3499

NORTH CAROLINA PROFESSIONAL LAND SURVEYOR WILLIAM M. ALLEN

UPDATED: 9-13-22
(FLIPPED HOUSE AND MOVED)



LOT 64
HARTLINE JOINT
FAMILY TR
2805/1537

LOT 63
SCOTT R. NEEDHAM
808/315

S62°49'00"E
110.00

35' REAR

LOT 100
0.51 AC.

15' SIDE

44.5'

2119 FITS THE BILL

15' SIDE

N23°48'10"E
200.43

S23°49'10"W
201.32

28.6'

PROPOSED DRIVE

80.0'

35' FRONT

LOT 101
KIMBERLY G &
MARVIN ROGERS JR
1715/1173

LOT 99
BETTY S. VARNER

LEGEND
P.P. = POWER POLE
I.P.S. = #4 REBAR SET
R/W = RIGHT-OF-WAY
CP = COMPUTED POINT

R/W

R/W

N62°21'05"W
110.00

0' 15' 30' 60'

NOTES
1) THIS PROPERTY MAY BE S
TO ANY EASEMENTS AND

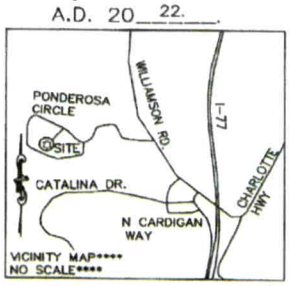
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my hand and seal on the 4, day of MARCH,
A.D. 20 22.

WILLIAM M. ALLEN, PLS

NORTH CAROLINA PROFESSIONAL SEAL L-3499 LAND SURVEYOR WILLIAM M. ALLEN



UPDATED: 9-13-22
(FLIPPED HOUSE AND MOVED)

LOT 64
HARTLINE JOINT
FAMILY TR
2805/1537

LOT 63
SCOTT R. NEEDHAM
808/315

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35' REAR

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LEGEND
P.P. = POWER POLE
I.P.S. = #4 REBAR SET
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CP = COMPUTED POINT

0' 15' 30' 60'
SCALE IN FEET

NOTES
1) THIS PROPERTY MAY BE SUBJECT TO ANY EASEMENTS AND/OR RIGHTS OF WAY OF RECORD.
2) ACREAGE COMPUTED BY THE COORDINATE METHOD.
3) UNDERGROUND POWER
4) NO GRID MONUMENT FOUND WITHIN 2000 FEET.
5) SETBACKS SHOWN PER R20 ZONING

PLOT PLAN SURVEY

OF

CONTINENTAL DR
LOT 100 LAKE NORMAN BONANZA

DAVIDSON TWSP., IREDELL CO., N.C.

SCALE 1" = 30'

ACQUIRED BY: PAMELA REV TR & BARRY WAGONER

FIELD BOOK:
FILE: LAKE NORMAN BONANZA 100
DC FILE:
TAX MAP NO: 4646239772.000

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

Sheet 1 of 1
PROPERTY ID #: 4696239772
COUNTY: Iredell

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

OWNER: Helsaney Hermes
ADDRESS: PO Box 3965 Mooresville
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: 129 Continental Dr
APPLICATION DATE: 8/3/22
DATE EVALUATED: 9/12/22
PROPERTY SIZE: .51 A.
PROPERTY RECORDED: yes

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

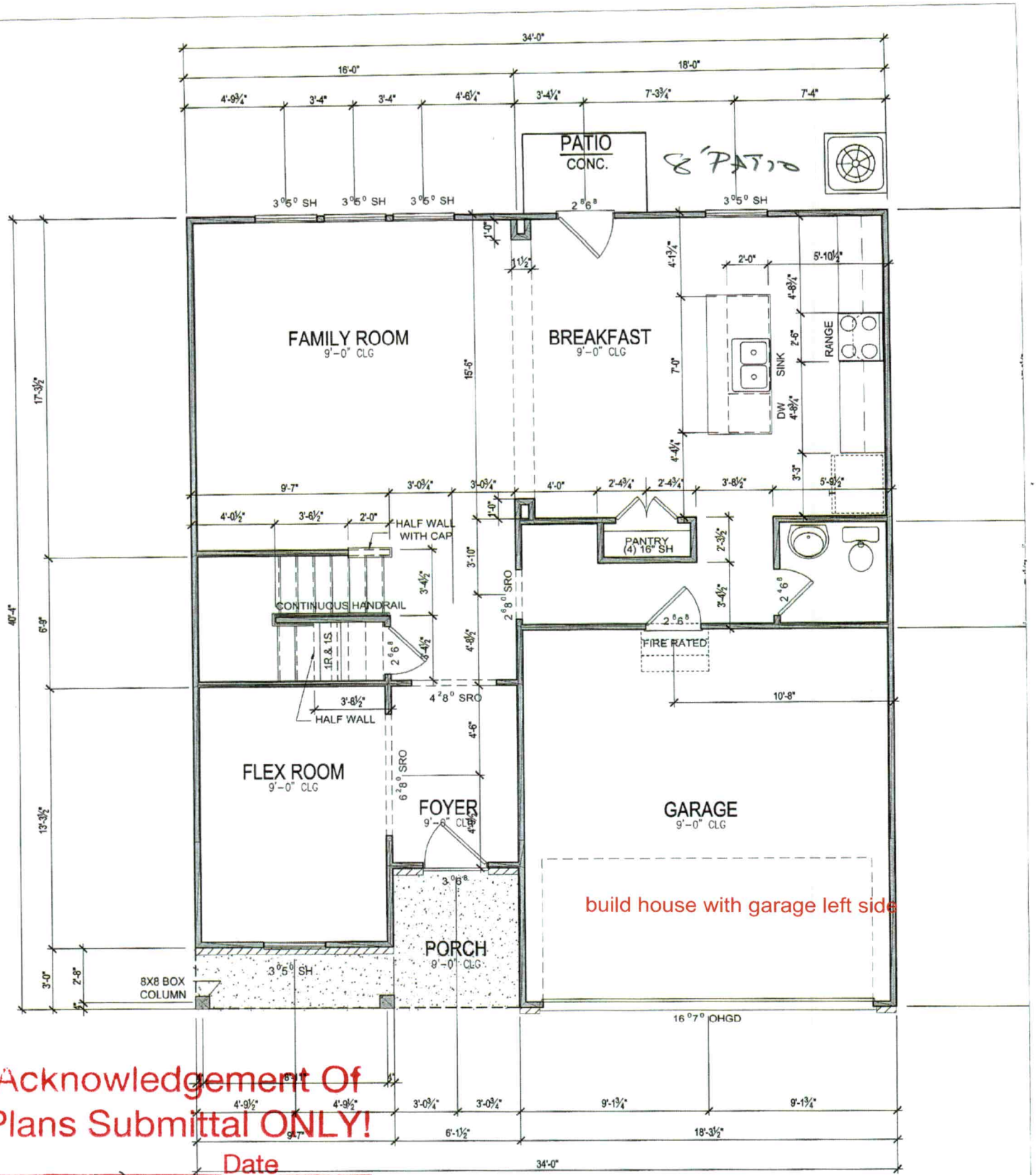
PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 5%	0-7	SCL/SBK	ns np fr SE	-	44	Sap inclusion in CL		PS .3
		7-30	C/SBK	ss sp fr SE					
		30-44	CL/SBK	ss sp fr SE					
2	LS 6%	0-6	SCL/SBK	ns np fr SE	-	51	Sap inclusion in CL	-	PS .3
		6-24	C/SBK	ss sp fr SE					
		24-51	CL/SBK	ss sp fr SE					
3	LS 8%	0-4	SCL/SBK	ns np fr SE	-	48	Sap inclusions throughout profile.	Rock clusters toward bottom	PS .3
		4-20	C/SBK	ss sp fr SE					
		20-48	CL/SBK	ss sp fr SE					
4	LS 6%	0-7	SCL/SBK	ns np fr SE	-	46	-	-	PS .3
		7-26	C/SBK	ss sp fr SE					
		26-48	CL/SBK	ss p fr SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	320	Exempt
System Type(s)	25%	
Site LTAR	.3	

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matthew Wilkinson
OTHER(S) PRESENT: Sydney Ikeland

COMMENTS:

Updated February 2014



Acknowledgement Of
Plans Submittal ONLY!

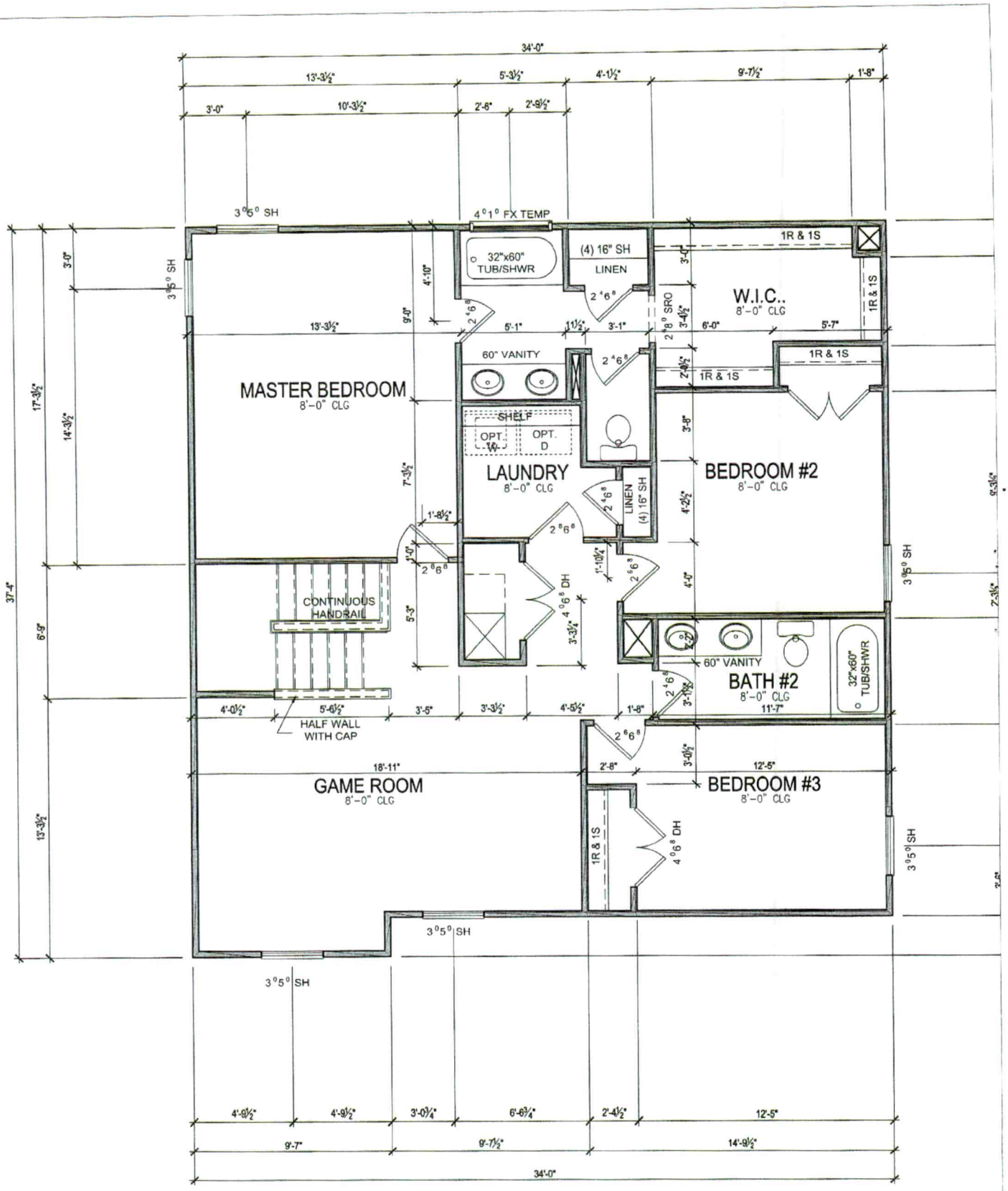
Date

Date 9/14/22

2119 Fits the Bill

FIRST FLOOR PLAN

SCALE: 1/4" = 1'-0"



2119 Fits the Bill

SECOND FLOOR PLAN

SCALE: 1/4" = 1'-0"