ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 321008

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

PIN # 4639-20-4066

APPLICANT/OWNER: Princeton Homes LLC APPLICANT ADDRESS: P.O. Box 3608 Mooresville, NC 28117

SITE ADDRESS: 120 Cedar Branch Ct Mooresville, NC PHONE: 704 799-9770 ALT. PHONE 7042358211

SITE DIRECTIONS: Perth Rd N, TL Fern Hill TL Bagby TR Cedar Branch Ct @ end SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: Woodleaf SECTION: 2 LOT # 98 LOT AREA: 1.72 DESIGN FLOW: 480 gpd LTAR: .3

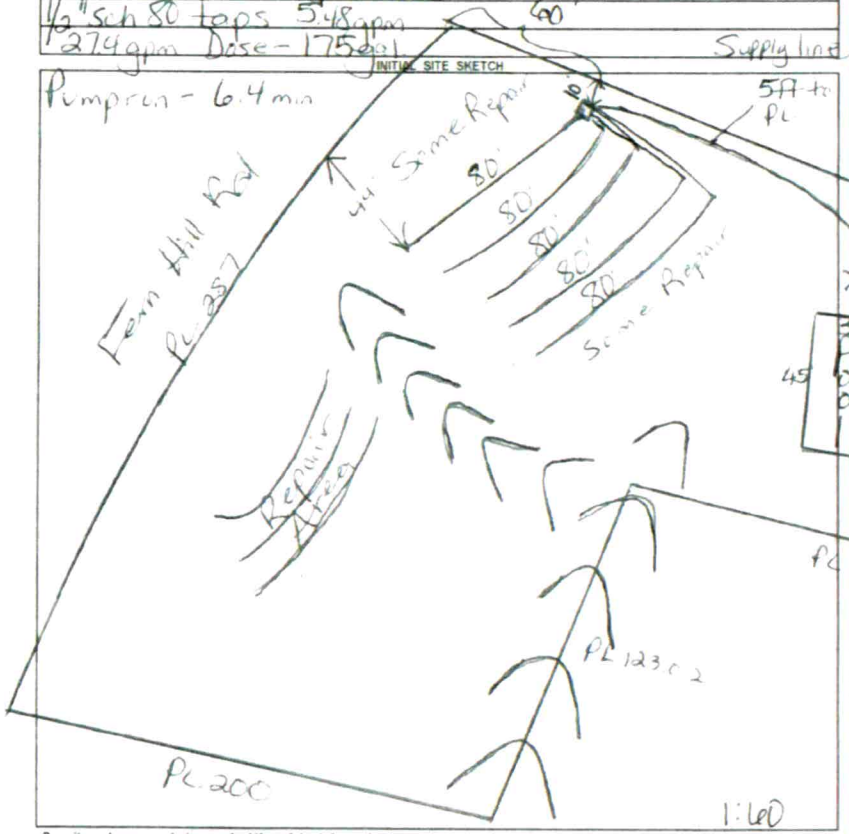
Septic Tank	1000 (gal)	STB	760	Date	4/22/23	[X] New System	[ ] Repair	[ ] Expansion	System Type: I II III IV V VI	[X] Residence	No. Bedrooms 4
Pump Tank	1000 (gal)	PT	363	Date	4/22/23	System Description:	Pump-PM-25% Reduction			[ ] Business	No. Persons 8
Pump Make		Model		Serial #		Repair System Description:	PPBPS			[ ] Other	No. Employees
# Nitrification Fields	1	# Lines	5@8'	Linear Ft	400	Maintenance Agreement Required:	[ ] YES	[X] NO		[ ] Slab	[ ] Crawl Space
Trench Width	36"	Trench Bottom Depth (~~Low side~~)	Max		36"	Gravel Depth	N/A	[ ] GRAVITY	[X] PRESSURE	[X] Basement w/ plumbing	[ ] Basement w/o plumbing

Water Supply: [X] Private [ ] Public [ ] Community

Comments / Conditions: 2Ft Pressure
1½" Sch 80 tops 5.48gpm
1.274gpm Dose - 175gal
Pump run - 6.4 min

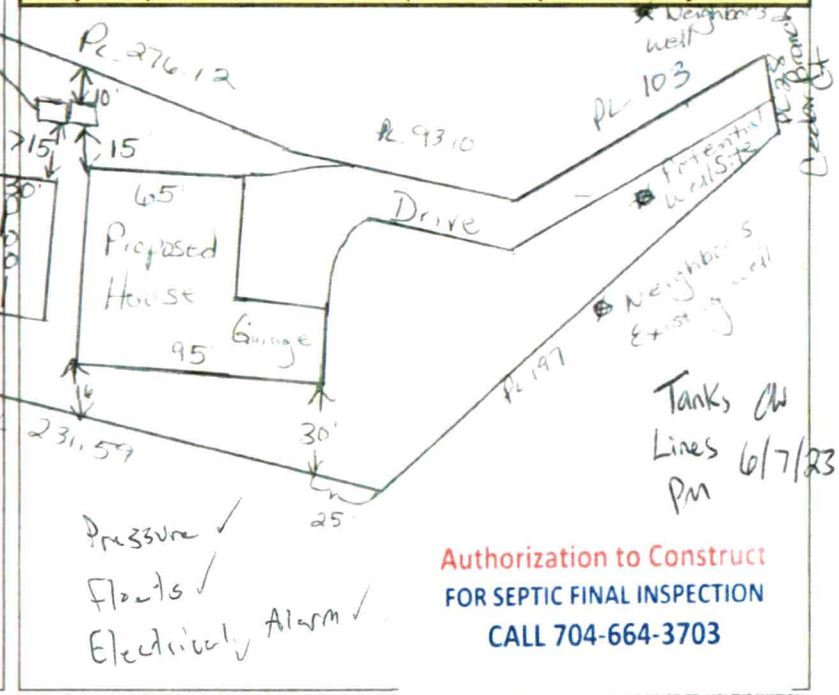
Direct Storm/Surface water away from Septic
Must keep Septic 100Ft from any well
5/24/22 Reviewed Floor plans, house only permitted for 4 Bedrooms

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.



Tanks CW
Lines 6/7/23
PM

Pressure ✓
Floats ✓
Electrically Alarm ✓

Authorization to Construct
FOR SEPTIC FINAL INSPECTION
CALL 704-664-3703

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.* [X] **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* [X] **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: _____ Date: 2/7/22 Installed by: Abernathy

IMPROVEMENT PERMIT by: Maria Nolan Date: 2/5/22 OPERATION PERMIT by: _____ Date: 7/25/23

AUTHORIZATION TO CONSTRUCT by: Maria Nolan Date: 5/24/22 Existing System Inspected by: _____ Date: _____

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

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

Sheet ___ of ___
PROPERTY ID #: 4639204060
COUNTY: ~~Iredell~~

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

OWNER: Woodbridge Partners LLC
ADDRESS: P.O. Box 3608 Mooresville, NC 28117
PROPOSED FACILITY: House
PROPOSED DESIGN FLOW (.1949): 480 gpd
LOCATION OF SITE: 120 Cedar Branch Woodleaf II Lot 98
APPLICATION DATE
DATE EVALUATED: 9/22 -21
PROPERTY SIZE: 1.72 Ac
PROPERTY RECORDED: Y

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
X A	15%	0-10	Brw SCL	wSBK SS, SP, SExp, FR					PS
		10-37	RCm-	wSBK SS, SP, SExp, FR					
		37-53	RCL	wSBK SS, SP, SExp, FR w/ few to many SAP Inclus					.3
		53-56	L/SL	SAP massive, FR					
X B	10%	0-4	Brw	SCL wSBK SS, SP, SExp, FR					PS
		4-12	RCm-	w SBK SS, SP, SExp, FR					
		12-45	RCL	wSBK SS, SP, SExp, FR w/ few to many SAP Inclus & Common Mica					.3
		45-54	L/SAP	SAP massive FR					
X C	L 20% Repair	0-13	RCL/m-	wSBK SS, SP, SExp, FR					PS
		13-56	Yel/Brw	L/SAP/SL/SAP massive, FR					.35
X A D	22% Repair	0-9	Brw	wSBK SS, SP, SExp, FR					PS
		9-32	RCm-	wSBK SS, SP, SExp, FR					
		32-36	RCL	wSBK SS, SP, SExp, FR w/ few to many SAP Inclus					.3
		36-56	L/SL	SAP massive, FR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	50% Red	25% Red
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Marig Dotson
OTHER(S) PRESENT: David Bean

COMMENTS:

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

Old

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

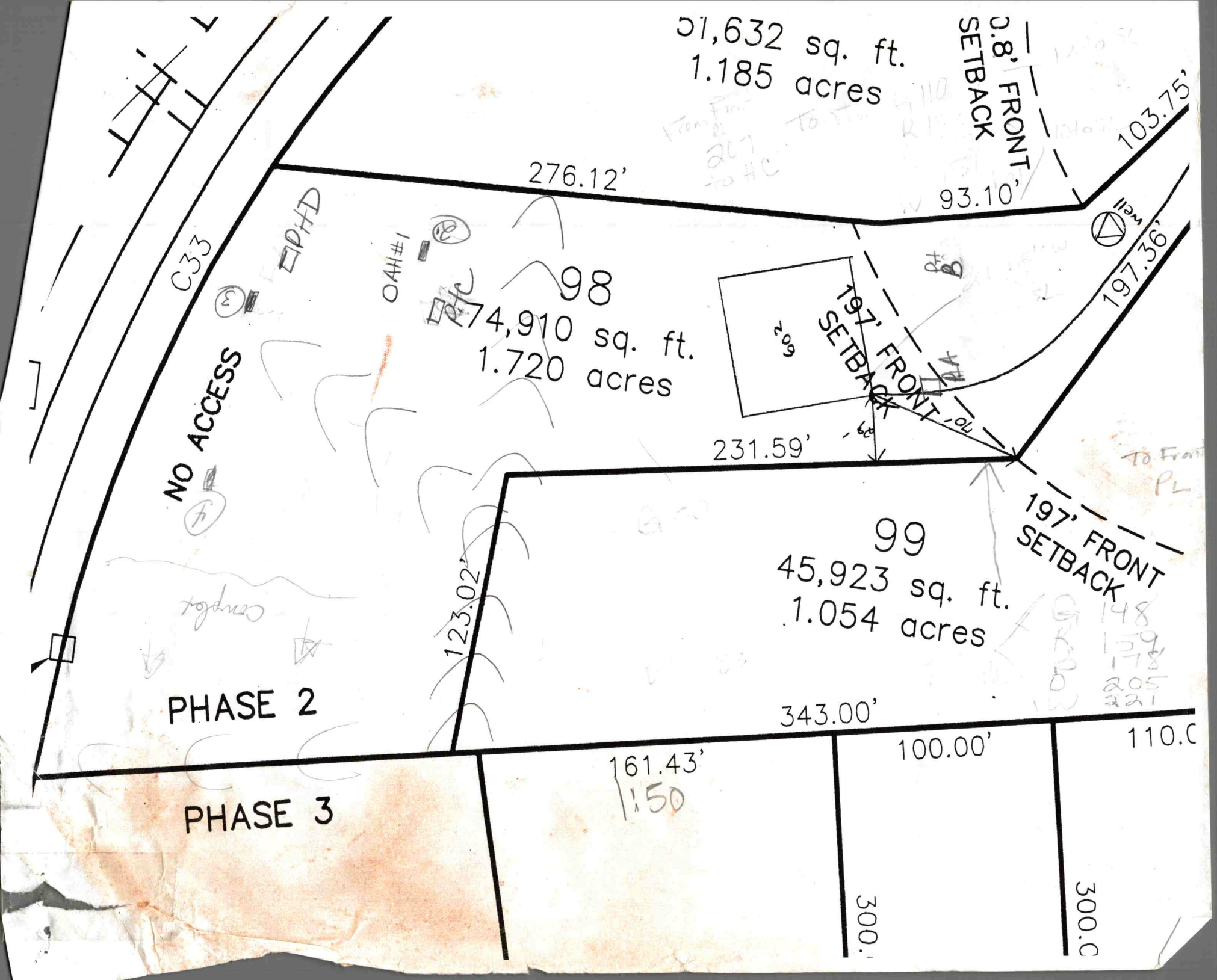
OWNER: Woodleaf Ph 2 APPLICATION DATE _____
ADDRESS: _____ DATE EVALUATED: _____
PROPOSED FACILITY: House PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: _____
LOCATION OF SITE: Lot 98 PROPERTY RECORDED: _____
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other _____
EVALUATION METHOD: ☒ Auger Boring ☒ Pit ☐ Cut TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

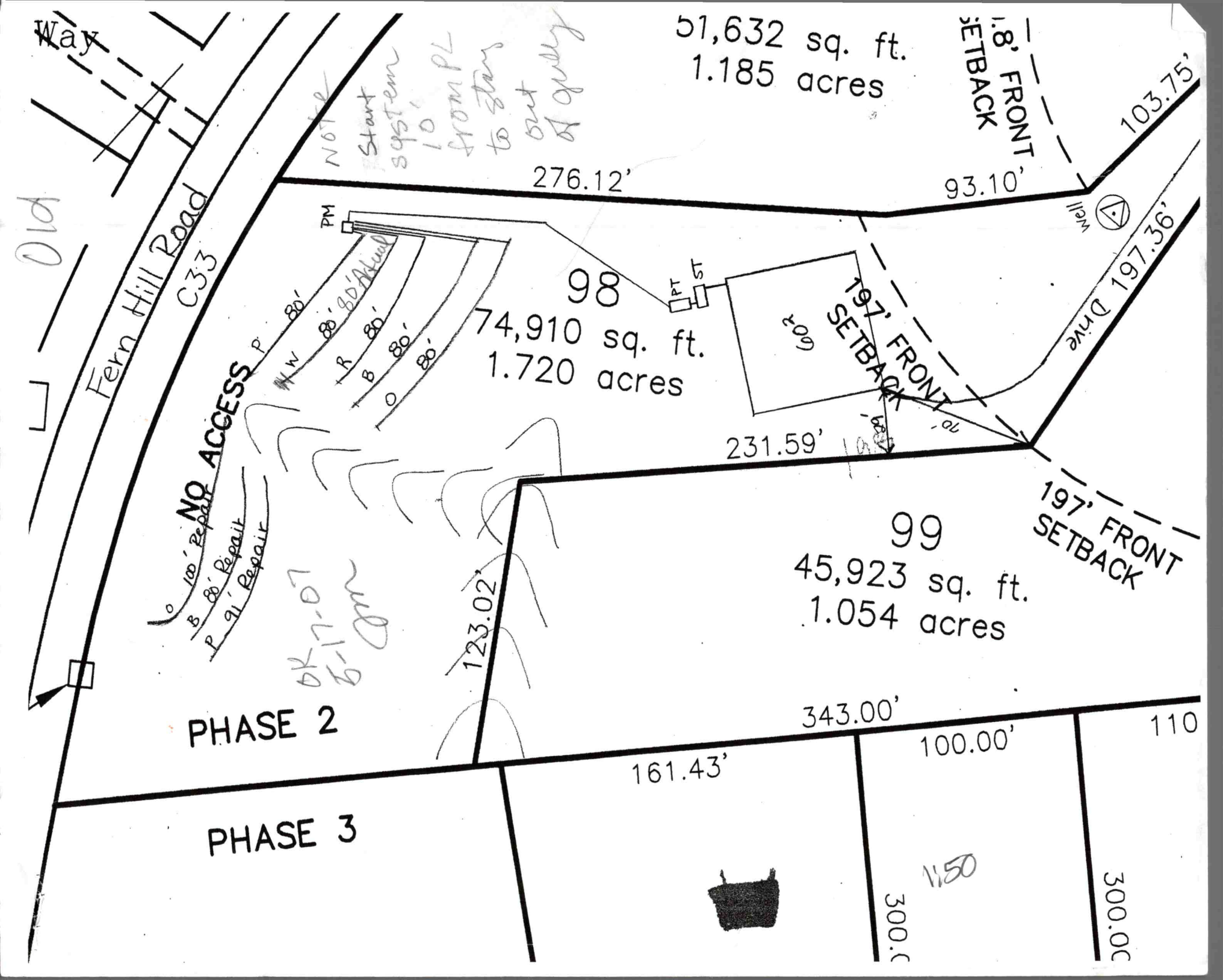
PROFILE #	.1949 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	AH #1 L	0-12	Mo SBK C	FR SS/SP	Red				PS 0-3-0.35
		12-24	WK SBK CL	FR SS/SP	Red				
		24-48	MA SL SAP	FR SS/NP	Yel Red				
2	22%	0-11	wk sbk scl	fr ss sp					.3
		11-43	m sbk light red cl	fr ss sp					
		43-53	wk sbk cl	fr ss sp	SAP common SAP				
		53-60	massive L SAP	fr ss np					
3		0-2	wk sbk brown cl	fr ss sp					.3 ≤ 42"
		2-23	SBK red C	fr ss sp	SAP				
		23-42	wk sbk cl	fr ss sp	few common SAP, few w rock				
		42-67	mostly massive	cl/L SAP	fr ss np common w/ rock				
4		0-20	m sbk-wk sbk	red C fr ss sp					.3
		20-48	m sbk red cl	fr ss sp	few/ SAP				
		48-68	wk sbk red cl	fr ss sp	common SAP				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
vailable Space (.1945)		
ystem Type(s)		
te LTAR		

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

MMENTS: _____


51,632 sq. ft.
1.185 acres
80' FRONT SETBACK
103.75'
276.12'
93.10'
197.36'
C33
PHD
OAH#1
98
74,910 sq. ft.
1.720 acres
197' FRONT SETBACK
NO ACCESS
231.59'
197' FRONT SETBACK
99
45,923 sq. ft.
1.054 acres
123.02'
PHASE 2
343.00'
161.43'
100.00'
PHASE 3


Way
Old
Fern Hill Road
C33
NO ACCESS
100' Repair
88' Repair
91' Repair
51,632 sq. ft.
1.185 acres
Start system 10' from PL to start out of curb
276.12'
93.10'
103.75'
197' FRONT SETBACK
Well
Drive
197.36'
PM
PT
ST
98
74,910 sq. ft.
1.720 acres
60'
231.59'
197' FRONT SETBACK
99
45,923 sq. ft.
1.054 acres
123.02'
PHASE 2
343.00'
161.43'
100.00'
110
PHASE 3
300.00'
300.00'

FIELD	NO.	DESCRIPTION	BY	DATE		PROJECT DESCRIPTION: VARIO SOLITUDE Princeton	VISUAL DESIGN & DRAFTING	DATE: 4/19/2022	SCALE:	SHEET: A-5

FOUNDATION PLAN

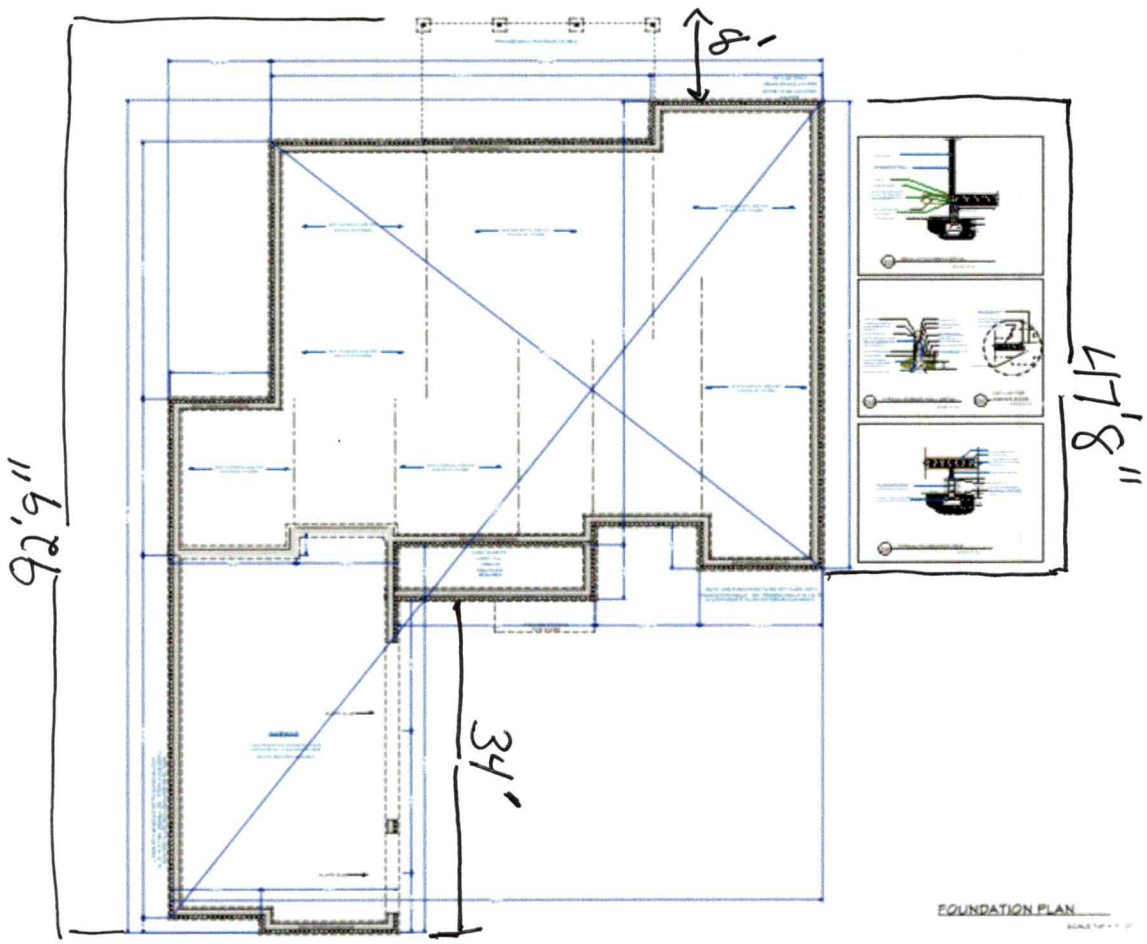
SCALE 1/4" = 1'-0"

Acknowledgement Of
Plans Submittal ONLY!

Maria Ortega Date 5/24/22

Date 5/24/22

Verizon 9:44 AM
Done Open Open Open Solitude Pla...

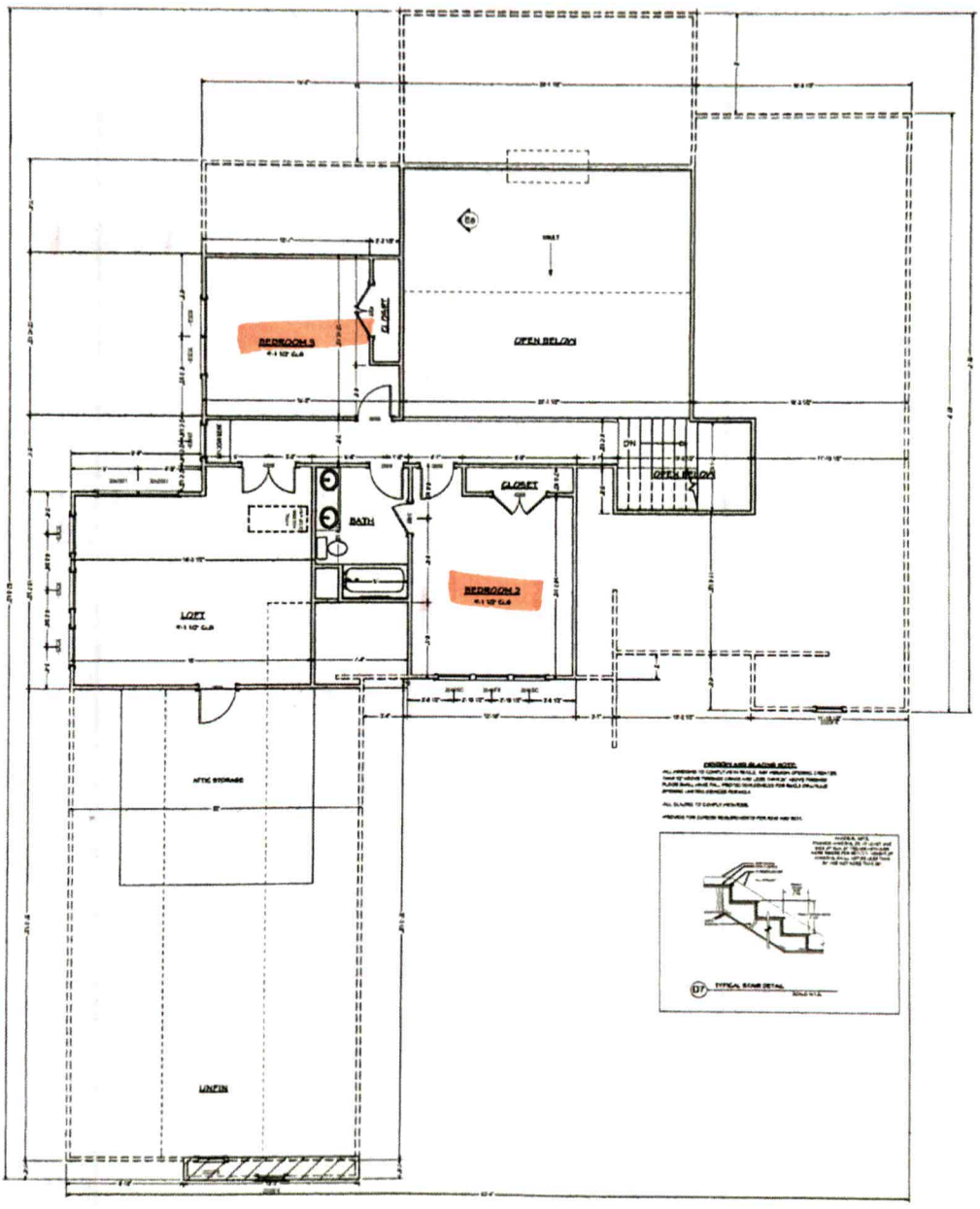


This is the actual box/footprint of house. We want to keep the driveway coming in on the right to a courtyard entry. The garage will be in the area you currently show septic lines.

Acknowledgement Of Plans Submittal ONLY!

Maria Dotson Date 5/24/22

Date 5/24/22



SECOND FLOOR PLAN

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

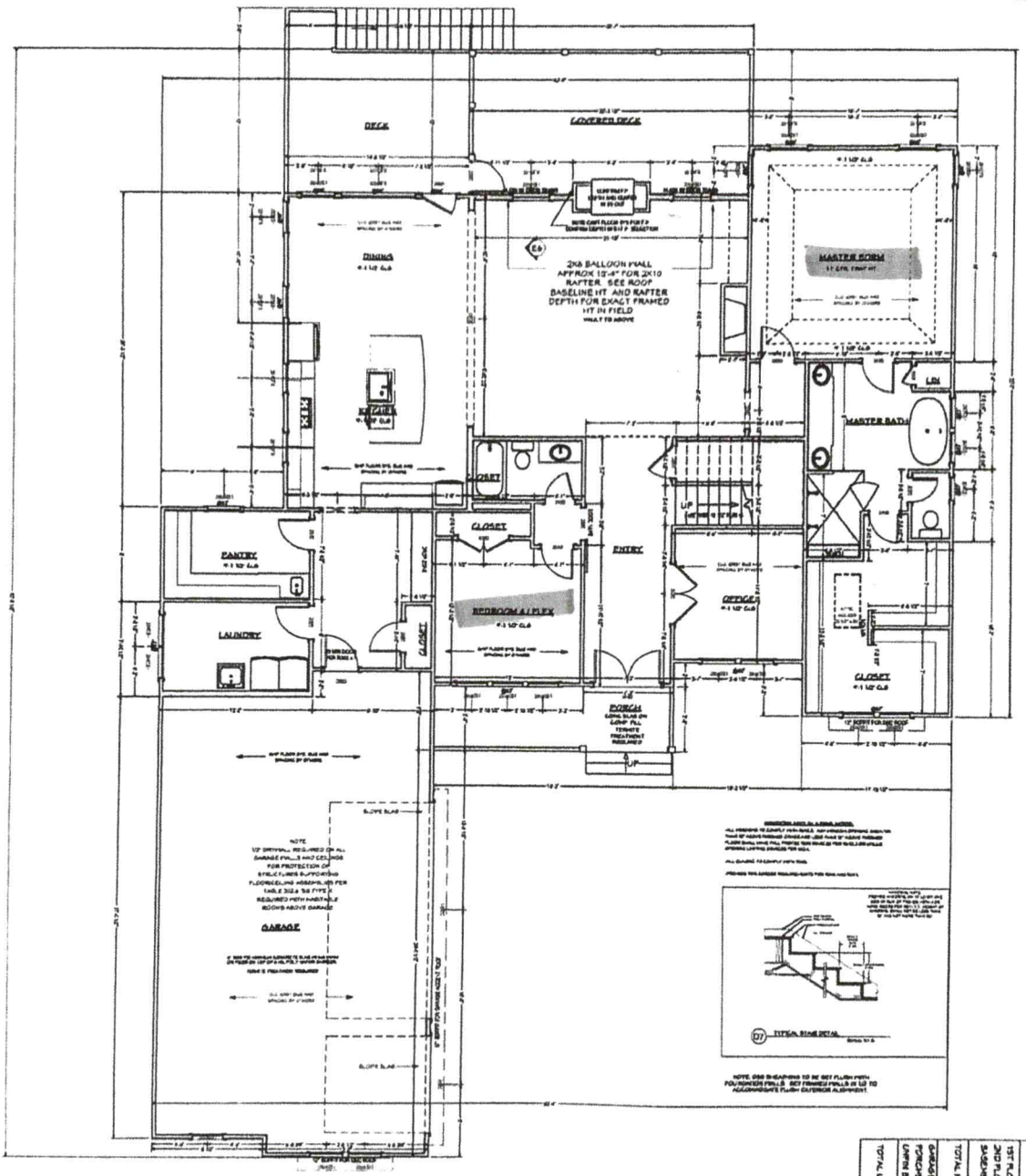
SHEET:	SCALE:	DATE:	PROJECT DESCRIPTION:	NO.	DESCRIPTION	BY	DATE	
A-7		4/19/2022	VARIO SOLITUDE Princeton					FIELD

VISUAL DESIGN & DRAFTING

Acknowledgement Of Plans Submittal ONLY!

Maria Dotson Date 5/24/22

Date 5/24/22



FIRST FLOOR PLANS

SCALE 1/4" = 1'-0"

SQUARE FOOTAGE	
1ST FLOOR HEATED	2421
2ND FLOOR HEATED	69
BASEMENT HEATED	1248
TOTAL HEATED	4618
GARAGES	889
PORCHES	350
UNFIN BSMT	1174
TOTAL UNDER ROOF	7084

SHEET:	SCALE:	DATE:	PROJECT DESCRIPTION	NO.	DESCRIPTION	BY	DATE
A-6		4/19/2022	VARIO SOLITUDE Princeton				

VISUAL DESIGN & DRAFTING

FIELD