



Floyd County Health Department

1917 Bono Road
New Albany, IN 47150
Office 812-948-4726

Public Health
Prevent. Promote. Protect.

Onsite System Minimum Requirements Specifications

Date: 10/21/2021 **Soil Test Login #:** 21-127
Owner: Waters, Karen - Living Trust With Karen Water & Jonathan & Pamela Belden-truste
 [Redacted]
Phone:
Site Address: Tract 4 St Marys Rd
Floyds Knobs, IN 47119
Parcel ID#

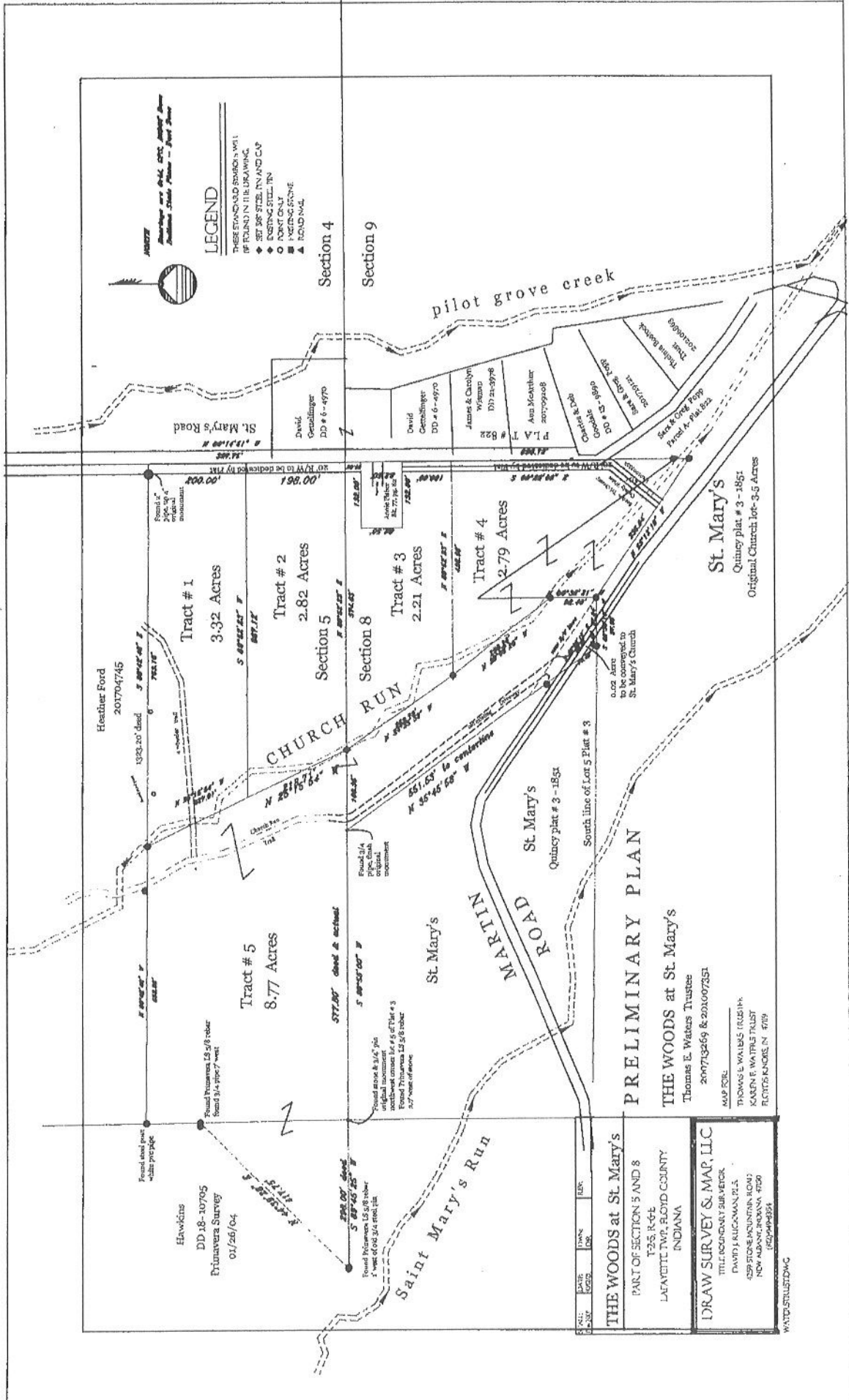
Date of Soil Evaluation:	10/13/2021	Dose Tank Size:	
Soil Scientist:	ARCHIE SAUERHEBER	Dose Volume:	
Number of Bedrooms:	4	Total Absorption Area (sq.ft.)	804
Daily Design Flow:	600 GPD	Total Linear Feet (3' wide)	280
Depth of Limiting Layer:	32"	Trench Depth Min	4"
Soil Loading Rate:	.50	Trench Depth Max	8"
System Type:	SPLIT SAND-LINED SYSTEM	Subsurface Drain Required	Yes
Slope:	8%	Subsurface Drain Type	Upslope
Septic Tank Size:	1250 Gallon	Subsurface Drain Depth	46"
Septic Tank #2 Size:		Dispersal Area	1/2 Width of SAF

Notes:

Install septic over soil pits A1-A3 and install along contour. Wrap the drain in geo-textile fabric. Drain depth based on the deepest limiting layer. If the system can't be gravity fed due to home elevation then it must be flood dosed. If a flood dose system is required a site plan, including a pump calculation sheet, completed by a licensed septic installer must be submitted to FCHD. A set aside area spec over soil pits B1-B3, same as primary with a drain installed 40" and wrapped in geo-textile fabric. Any vegetation which may interfere with the system layout must be cleared prior to the site survey; trees in the area may be cut to grade with stumps ground. Property lines must be marked off before the site survey. Must maintain proper distances to property lines, driveways, structures, etc. If system is located within a utility easement permission may be required from the utility company. Any proposed construction must be marked at the time of the site survey or an additional site approval may be required. Protect septic area at all times during construction.

Please note the above minimum design specifications for your onsite sewage system does not imply construction approval. If you should have any further questions regarding these specifications or the approval process, please contact this office at the number listed above.

Reveiwed by: *AS* **Date:** 10/21/2021



LEGEND

- THESE STANDARD MARKERS WILL BE FOUND IN THE DRAWING.
- ◆ SET 1/2\"/>



PRELIMINARY PLAN

THE WOODS at St. Mary's
 Thomas E. Waters Trustee

200713269 & 201007351

MAP SCALE
 THOMAS E. WATERS, FLSU 1/A
 KAREN E. WATERS TRUST
 FLOYD COUNTY, IN. 479

THE WOODS at St. Mary's
 PART OF SECTION 5 AND 8
 T-25, R-6E
 LAFAYETTE TWP., FLOYD COUNTY
 INDIANA

DRAW SURVEY & MAP, LLC
 TITLE BOUNDARY SURVEYOR
 DAVID J. KILGOMAN, P.L.S.
 429 STONE MOUNTAIN ROAD
 NEW ALBANY, INDIANA 47950
 (317) 944-9395

WATD-STL1212DWG

Archie Sauerheber, Consulting Soil Scientist, IRSS #80

2385 S Gethsemane Rd NW

21127

Corydon, IN 47112

812-267-2749

RECEIVED
10/18/21

This report is for informational purposes only. The appropriate government agency will determine the suitability, type, and size of a septic system installed at this site.

Date: October 13, 2021

Prepared For: Tom Waters, Tract 4

Property Address: St. Mary's Road Floyds Knobs, IN 47119

Client Mailing Address:

Phone:

Email:

Current Land Use: Forest

Primary Pit 1 Latitude: 38.359504

Longitude: -85.865068

County: Floyd

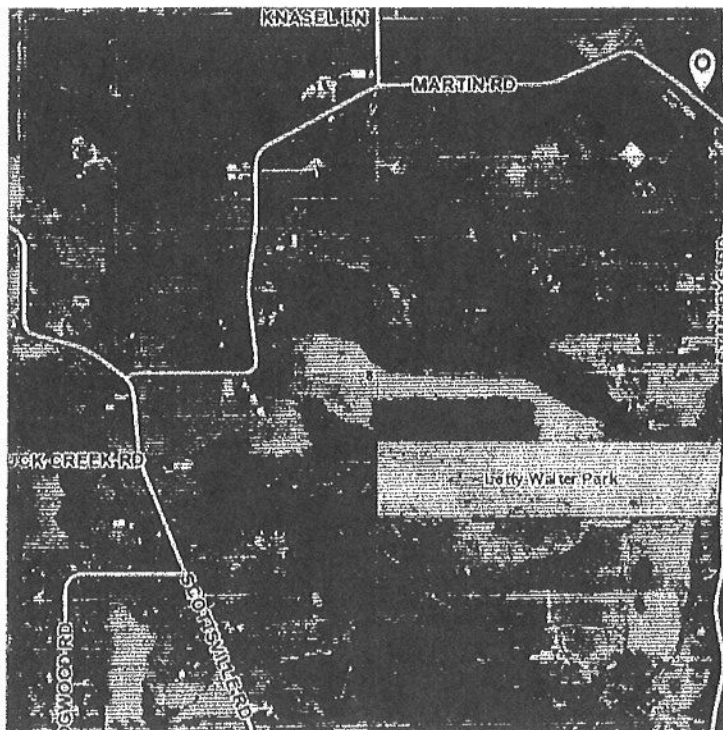
Civil Township: Lafayette

Legal Land Description: N 1/2 NE 1/4 8-2-6; SE 1/4 SE 1/4 5-2-6; 0042080027 PRT SW1/4 SE1/4 5-2-6

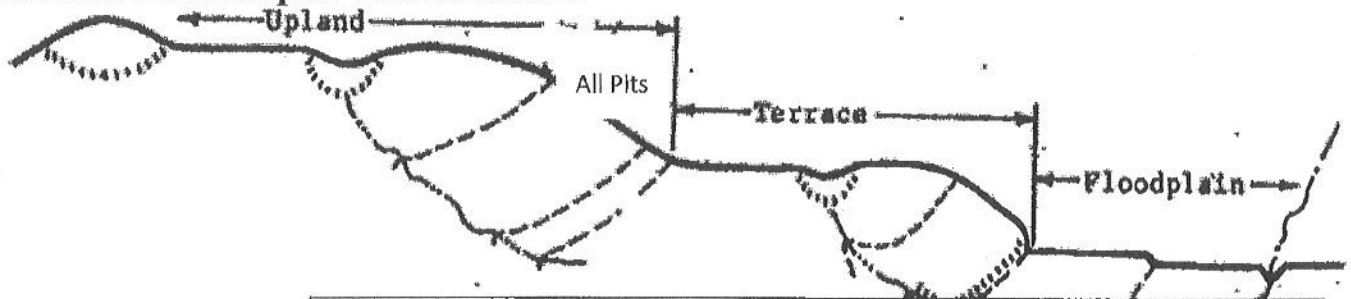
Parcel #: 22-04-00-800-026.000-006

General Comments: New Construction. 4 Bedroom Home. Basement with plumbing

Mapped Soil Series: Spickert/Wrays



General Landscape Position of Site:



Site Map:

Notes:

Slope is to the Southwest.

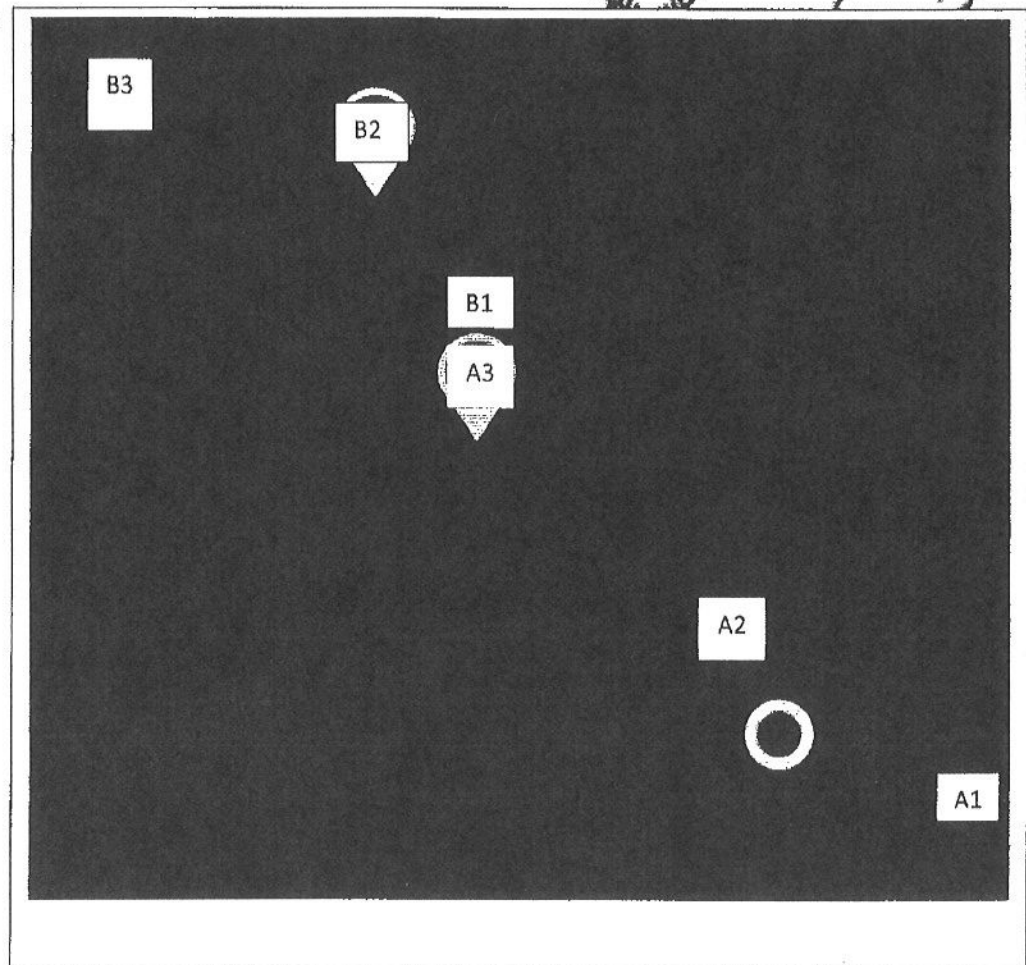
Pit A1 to A2 is 30 ft.

Pit A2 to A3 is 30 ft.

Pit A3 to B1 is 10 ft.

Pit B1 to B2 is 36 ft.

Pit B2 to B3 is 48 ft.



Detailed Soil Description-Site B

Pit B-1: Slope: 8% Slope Type: Backslope Water Table: 25 in. Limiting Layer: Fragipan LL Depth: 32 in.

Depth (in)	Horizon	Texture %Clay	Matrix	Mottles	Grade	Shape	Size	Cons.	Coarse Frag%	Parent Material
0-7	A	SIL 12	10YR 4/3		MOD	GR	F	FR		LOESS
7-18	Bt1	SIL 24	7.5YR 4/6		MOD	SBK	M	FR		LOESS
18-25	Bt2	SIL 27	7.5YR 5/6		MOD	SBK	M	FR		LOESS
25-32	Bt3	SIL 27	10YR 5/6	10YR 6/2	MOD	SBK	M	FR		LOESS
32-48	2Btx	SIL 24	10YR 5/6	10YR 6/2	STR	PR	VC	VFI		RESIDUUM
48-60+	Cr									

Pit B-2: Slope: 6% Slope Type: Backslope Water Table: 23 in. Limiting Layer: Fragipan LL Depth: 38 in.

Depth (in)	Horizon	Texture %Clay	Matrix	Mottles	Grade	Shape	Size	Cons.	Coarse Frag%	Parent Material
0-7	A	SIL 12	10YR 4/3		MOD	GR	F	FR		LOESS
7-15	Bt1	SIL 27	7.5YR 4/6		MOD	SBK	M	FR		LOESS
15-23	Bt2	SIL 27	7.5YR 5/6		MOD	SBK	M	FR		LOESS
23-38	Bt3	SIL 27	10YR 5/6	10YR 6/2	MOD	SBK	M	FR		LOESS
38-50	2Btx	SIL 24	10YR 5/6	10YR 6/2	STR	PR	VC	VFI		RESIDUUM
50-60+	2BC	C 60	5YR 4/6	10YR 6/2	MOD	ABK	C	FI		RESIDUUM

Pit B-3: Slope: 5% Slope Type: Backslope Water Table: 26 in. Limiting Layer: Fragipan LL Depth: 34 in

Depth (in)	Horizon	Texture %Clay	Matrix	Mottles	Grade	Shape	Size	Cons.	Coarse Frag%	Parent Material
0-7	A	SIL 12	10YR 4/4		MOD	GR	F	FR		LOESS
7-16	Bt1	SIL 24	10YR 4/6		MOD	SBK	M	FR		LOESS
16-26	Bt2	SIL 27	7.5YR 4/6		MOD	SBK	M	FR		LOESS
26-34	Bt3	SIL 24	10YR 5/6	10YR 6/2	MOD	SBK	M	FR		LOESS
34-46	2Btx	SIL 24	10YR 5/6	10YR 6/2	STR	PR	VC	VFI		RESIDUUM
46-60+	2BC	C 60	5YR 4/6	10YR 6/2	MOD	ABK	C	FI		RESIDUUM