

Commonwealth of Virginia

Application for: ☒ Sewage System ☐ Water Supply

VDH Use only
Health Department ID# 001-21-453
Due Date 1/4/22

Owner Carrington Partners LLC

Mailing Address 10598 Barnett Valley Road

Sebastopol CA 95472

Agent Kenneth Carbaugh

Mailing Address 17954 N Shore Dr

Quintville VA 24132

Site Address Carrington Road

Delaplane VA

Directions to Property RT 17 to 55S after Delaplane to (L) on RT 729

Subdivision _____ Section _____ Block _____ Lot 3

Tax Map 6040-02-8505-000 Other Property Identification _____

Phone 707.888.8510

Phone _____

Fax _____

Phone 540 931 3106

Phone _____

~~Fax~~ percworks@hotmail.com

Email CBPAIGE@SONIC.NET

Dimension/Acreage of Property 78.9

Sewage System

Type of Approval: Applicants for new construction are advised to apply for a certification letter to determine if land is suitable for a sewage system and to apply for a construction permit (valid for 18 months) **only when ready to build.**

☒ Certification Letter ☐ Construction Permit ☐ Voluntary Upgrade ☐ Repair Permit ☐ Minor Modification

Proposed Use:

Single Family Home (Number of Bedrooms 5) Multi-Family Dwelling (Total Number of Bedrooms 5)

Other (describe) _____

Basement ☒ Yes ☐ No

Walk-out Basement ☒ Yes ☐ No

Fixtures in Basement ☒ Yes ☐ No

Conditional permit desired? ☒ Yes ☐ No

If yes, which conditions do you want?

☐ Reduced water flow ☐ Limited Occupancy ☐ Intermittent or seasonal use ☐ Temporary use not to exceed 1 year

Do you wish to apply for a betterment loan eligibility letter? ☐ Yes ☐ No *There is a \$50 fee for determination of eligibility.

Water Supply

Will the water supply be ☐ Public or ☒ Private?

Is the water supply ☐ Existing or ☒ Proposed?

If proposed, is this a replacement well? ☐ Yes ☐ No

If yes, will the old well be abandoned? ☐ Yes ☐ No

Will any buildings within 50' of the proposed well be termite treated? ☐ Yes ☐ No

Well Type (e.g. domestic use, agricultural, irrigation, etc.) _____

All Applicants

Is this property intended to serve as your (owners) principal place of residence? ☐ Yes ☒ No

All applications must be accompanied by private sector evaluations and designs, unless a petition for VDH services is approved. Is a Petition for Service form attached? ☐ Yes ☒ No

In order for VDH to process your application for a sewage system you must attach a plat of the property and a site sketch. For water supplies, a plat of the property is recommended and a site sketch is required. The site sketch should show your property lines, actual and/or proposed buildings and the desired location of your well and/or sewage system. When the site evaluation is conducted the property lines, building location and the proposed well and sewage sites must be clearly marked and the property sufficiently visible to see the topography. I give permission to the Virginia Department of Health to enter onto the property described during normal business hours for the purpose of processing this application and to perform quality assurance checks of evaluations and designs certified by a private sector Onsite Soil Evaluator or Professional Engineer as necessary until the sewage disposal system and/or private water supply has been constructed and approved.

Carrington Partners, LLC

Signature of Owner/Agent Sheila Paige Co-Manager

This form contains personal information subject to disclosure under RAUCHEIR Act.

By: Sheila Paige

DEC 02 2021

Date

DEPARTMENT

Revised 7/1/2019

Carbaugh Environmental Inc

17954 N Shore Dr Purcellville, VA 20132
540-931-3106

AOSE certification letter report for:

Glenn Hazard c/o Carrington Partners LLC

Location of property:
Carrington Road VA. RTE.
729

Parcel 3, Fauquier County
Pin 6040-02-8565-000
Instrument number: tbd

Client address:
Carrington Partners LLC
10598 Barnett Valley Rd
Sebastopol California 95472

Prepared by AOSE/PE (name and address):
Kenneth Carbaugh AOSE # 1940001170
percworks@hotmail.com
cell phone 540-931-3106

Date of Report: 11/17/2021
Revision Date:

AOSE/PE Job Number:
Health Dept. ID. No.: _____

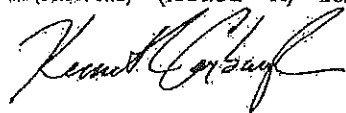
Contents/Index of this report:2

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Map, history and scope of work	pg 2	
Soils notes for install area and reserve area	pg 3- 9	
Abbreviated designs	pg 10	
Sanitary survey and statement	pg 11	Record plat: 11-12-2021 Walter C. Sampson, III pg 12

Certification Statement(s):3

I hereby certify that the evaluations and/or designs contained herein were conducted in accordance with the applicable provisions of the Sewage Handling and Disposal Regulations (12 VAC5-610), the Private Well Regulations (12 VAC5-630), the Regulations for Alternative Onsite Sewage Systems (12VAC5-613) and all other applicable laws, regulations and policies implemented by the Virginia Department of Health. I further certify that I currently possess any professional license required by the laws and regulations of the Commonwealth that have been duly issued by the applicable agency charged with licensure to perform the work contained herein.
The work attached to this cover page has been conducted under an exemption to the practice of engineering, specifically the exemption in the Code of Virginia Section 54.1-402.A.11

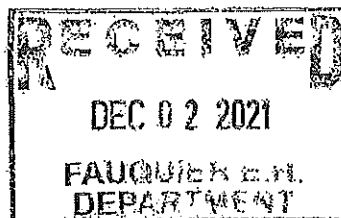
I recommend that a (select one): construction permit (certification letter **X**) subdivision approval
be (select one) (Issued **X**) Denied

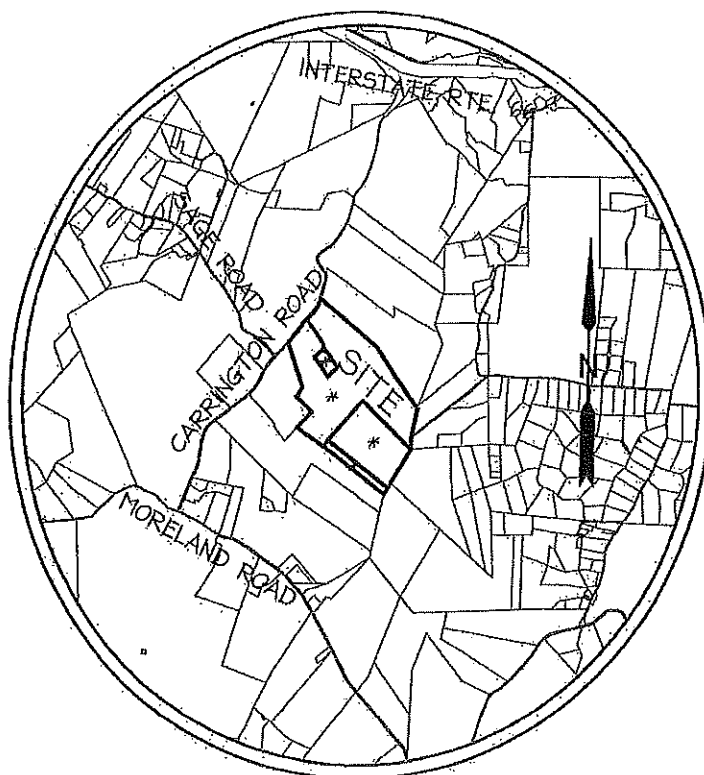


11/17/2021

AOSE/PE Signature

Date





VICINITY MAP
SCALE 1"=2000'

See referenced plat details in full scale on last page

Scope of project:

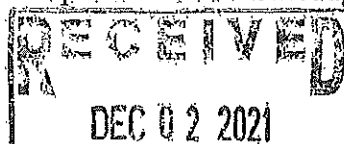
Certification letter for proposed lot of existing record to be processed with a boundary line adjustment per Carson Land Consultants 11-12-2021 for Carrington Partners, LLC. Deed book 1387, page 188.

Parcel 3 consists of a 78.9223 acre lot with a proposed 5-bedroom conventional gravity septic effluent trench based system. The system meets all state and county regulations including the Fauquier 200% reserve area requirement.

Shown as detail "A" the proposed system shall utilize site 101 as the primary installation area. Residual area in the upper portion of site 101 will provide reserve area with the remaining reserve area requirement to be provided by site 102 using pretreatment.

Prior History on adjacent residue parcel 2

Lots 3 & 4 in the proposed BLA are included in certification letters for corresponding lots. Residue Parcel 2 (6040-04-6278) has already been issued a certification letter under a previously approved application SD-05-164 from April 1st 2005. This tract of land was previously under pin 061-6040-13-0257, a 100 acre parcel previously known as lot 3. The soils study for this lot was provided by Phillip B. Helm March 2005 and provides for a 5-bedroom conventional SDS. If the EHS staff reviewing this proposal cannot locate this information please contact Carbaugh Environmental for a copy of the approved documentation.



Abbreviated design for Install and Reserve area

Install area: Install from bottom up, depth at 24-30 inches. Septic tank effluent.

A. Design rate:	45 mpi	Square footage per bedroom required	344 square feet
C. Number of bedrooms:	5	Total Square footage required by VDH	1720 square feet
D. Length of trench:	100'	Length of available area:	127-144'
E. Width of trench:	3'	F. Number of trenches:	6
G. Center to center spacing	9'	Trenches are to be placed on contour with 2-4" of fall per 100'	
H. Width required: G(F-1)+E	48'	Available width:	68-78'
Total Square footage designed: D x E x F	1800	Footprint required:	100 x 48' (l x w)

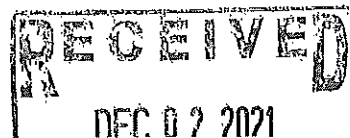
Chambered systems are prohibited

RESERVE AREA: (Site 102) Install depth 24-30" w/ gravel trenches. Treatment level TL3.

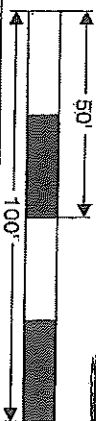
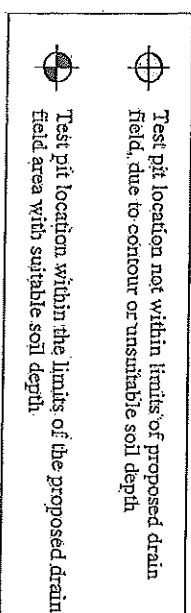
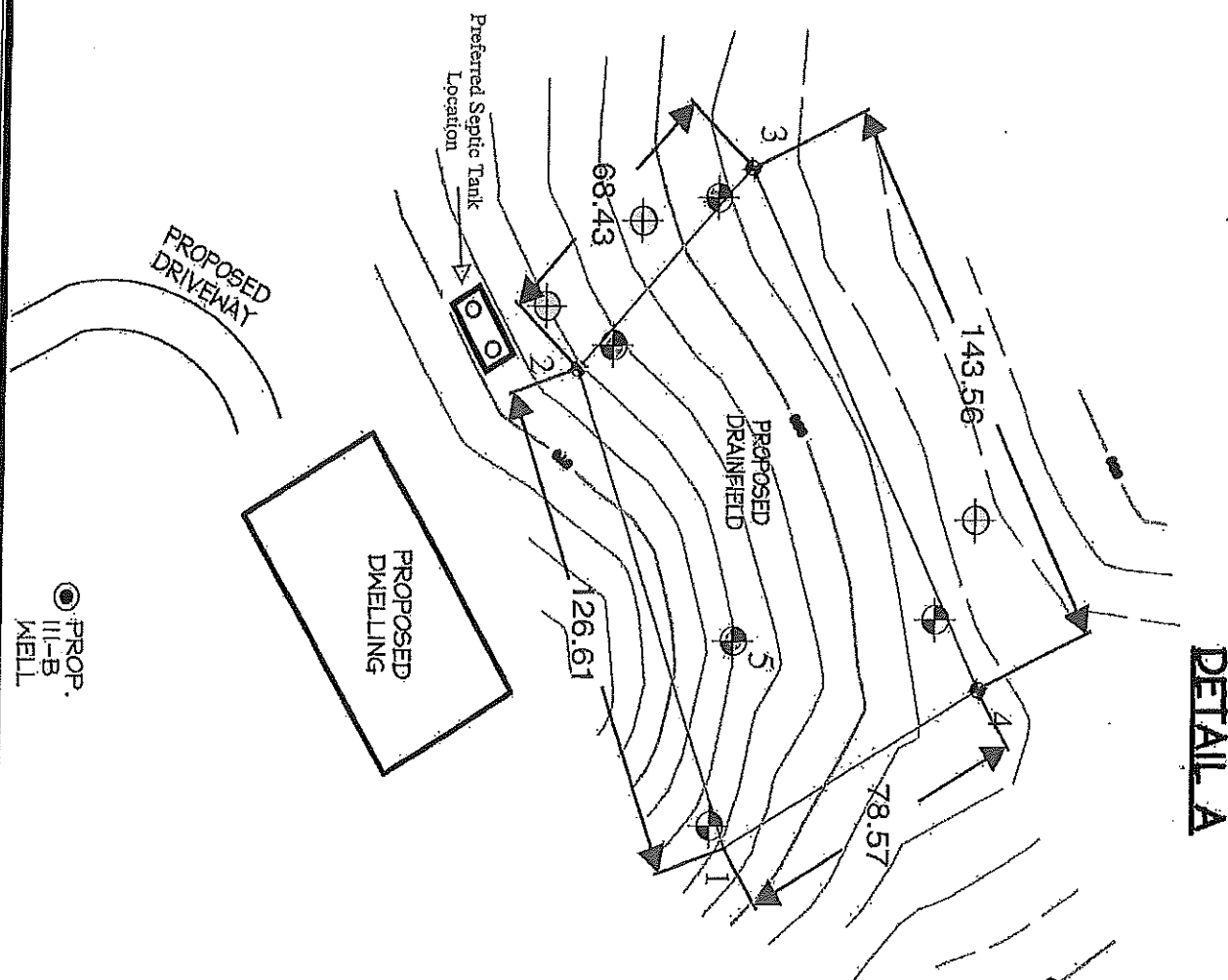
A. Design rate:	50 mpi	Loading Rate for TL3 effluent	.077 gpd/ft ²
C. Number of bedrooms:	5	Σ area req. by VDH & Fauquier Co 200% res. req.	974/1948 ft ²
D. Length of trench:	85'	Length of available area:	85'
E. Width of trench:	3'	F. Number of trenches:	8
G. Center to center spacing	9'	Trenches are to be placed on contour with 2-4" of fall per 100'	
H. Width required: G(F-1)+E	66'	Available width:	75'
Total Square footage designed: D x E x F	2040	Footprint required:	85 x 66' (l x w)

Chambered systems are prohibited

The reserve area detailed above encompasses the 200% reserve area required by Fauquier
County ordinance.



Testing profile locations & d/f dimensions

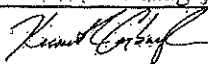


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Soil Profiles for D/F site 101

Soil Information Summary

1. Position in landscape satisfactory YES ☒ NO ☐ Describe shoulder to side-slope in tall heavy grass vegetation
2. Slope \leq 18-20%
3. Depth to rock/pervious strata Max. 66 Min.
4. Depth to seasonal water table (gray mottling or gray color) NO ☒ YES ☐
5. Free water present NO ☒ YES ☐ range in inches
6. Soil percolation rate estimated YES ☒ NO ☐ Texture group I, II, III
Estimated rate 45 min/inch
7. Percolation test performed YES ☐ NO ☒ Number of percolation test holes _____
Depth of percolation test holes _____
Average percolation rate _____

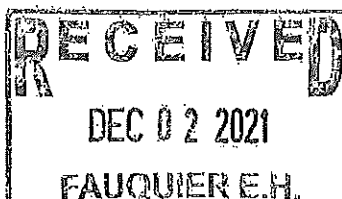
Name and title of evaluator: Kenneth Carbaugh, VA State AOSE 1940001170Signature: 

Department Use

☒ Site Approved: Drain field to be placed at 24-30" in depth at site designated on permit.☐ Site Disapproved:

Reason for rejection:

1. ☐ Position in landscape subject to flooding or periodic saturation.
2. ☐ Insufficient depth of suitable soil over hard rock.
3. ☐ Insufficient depth of suitable soil over seasonal water table.
4. ☐ Rates of absorption too slow.
5. ☐ Insufficient area of acceptable soil for required drain field, and/or Reserve Area.
6. ☐ Proposed system too close to well.
7. ☐ Other Specify _____



Date of Evaluation 10-28-21

Profile Description

Cool and overcast 60 deg

SOIL EVALUATION REPORT

☐ See application sketch☐ See construction permit☒ See sketch reverse side or page attached to this form.

Hole#	Horizon	Depth (Inches)	Description of, color, texture, etc.	Texture Group
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Soil profiles for existing site 101

1	A	0-10	7.5 YR 4/6 strong brown, moist and very friable, loam; moderate fine sub-angular blocky, heavily rooted.	IIb
	Bt	10-20	7.5 YR 5/4 brown, moist, and very friable, fine sandy clay loam; moderate fine sub-angular blocky becoming weak and granular with depth, heavily rooted.	IIb
	CB	20-46	7.5 YR 5/4 brown, 5 YR 5/8 yellowish red, moist, and friable sandy loam; weak fine sub-angular blocky, becoming granular and loose with depth, finely rooted.	IIa
	C	46-68	7.5 YR 5/4 brown, 5 YR 5/8 yellowish red, moist, and firm sandy loam; granular, single-grained and massive highly weathered in place saprolite, firmness from 66-68, 10-15% fine parent material channels from 55-68", well drained.	IIa
2	A	0-10	7.5 YR 4/6 strong brown, moist and very friable, loam; moderate fine sub-angular blocky, heavily rooted.	IIb
	Bt	10-22	7.5 YR 5/4 brown, moist, and very friable, fine sandy clay loam; moderate medium sub-angular blocky becoming weak and granular with depth, common earthworms, channels and castings, heavily rooted.	IIb
	BC	22-37	7.5 YR 5/4 brown, 5 YR 5/8 yellowish red, moist, and friable sandy loam; moderate fine sub-angular blocky, becoming granular and loose with depth, finely rooted.	IIa
	C	37-64	7.5 YR 5/4 brown, 5 YR 5/8 yellowish red, moist, and very friable sandy loam; granular, single-grained, highly weathered in place saprolite, 10-15% fine parent material channels from 55-64", well drained.	IIa
3	A	0-12	7.5 YR 4/6 strong brown, moist and very friable, loam; moderate fine sub-angular blocky, heavily rooted.	IIb
	Bt	12-24	7.5 YR 5/4 brown, moist, and very friable, fine sandy clay loam; moderate fine sub-angular blocky becoming weak and granular with depth, heavily rooted.	IIb
	CB	24-38	7.5 YR 5/4 brown, 5 YR 5/8 yellowish red, moist, and friable sandy loam; weak fine sub-angular blocky, becoming granular and loose with depth, finely rooted.	IIa
	C	38-59	7.5 YR 5/4 brown, 5 YR 5/8 yellowish red, moist, and firm sandy loam; granular, single-grained, and massive, highly weathered in place saprolite, firmness from 66-68, 10-15% fine parent material channels from 55-68", well drained.	IIa

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Cool and overcast 60 deg

SOIL EVALUATION REPORT

☐ See application sketch☐ See construction permit☒ See sketch reverse side or page attached to this form.

Hole#	Horizon	Depth (Inches)	Description of, color, texture, etc.	Texture Group
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Soil profiles for existing site 101

4	A	0-11	7.5 YR 4/6 strong brown, moist and very friable, loam; moderate fine sub-angular blocky, heavily rooted.	Iib
	Bt	11-24	7.5 YR 5/6 brown, moist, and very friable, fine sandy clay loam; moderate medium sub-angular blocky becoming weaker with depth, common earthworms, channels and casings, heavily rooted.	Iib
	C	24-77	7.5 YR 5/4 brown, 5 YR 5/8 yellowish red, moist, and friable sandy loam; weak very fine sub-angular blocky, becoming granular and loose with depth, finely rooted.	Iia
5	A	0-10	7.5 YR 4/6 strong brown, moist and very friable, loam; moderate fine sub-angular blocky, heavily rooted.	Iib
	Bt	10-22	7.5 YR 5/4 brown, moist, and very friable, fine sandy clay loam; strong medium sub-angular blocky becoming weak and granular with depth, heavily rooted.	Iib
	BC	22-37	7.5 YR 5/4 brown, 5 YR 5/8 yellowish red, moist, and friable sandy loam; moderate fine sub-angular blocky, becoming granular and loose with depth, common earthworms, channels and casings, finely rooted.	Iia
	C	37-64	7.5 YR 5/4 brown, 5 YR 5/8 yellowish red, moist, and very friable sandy loam; granular, single-grained, highly weathered in place saprolite, 10-15% fine parent material channels from 55-64", well drained.	Iia



Soil Profiles for D/F site 102 200% Reserve Area

Soil Information Summary

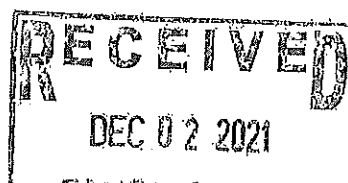
1. Position in landscape satisfactory YES ☒ NO ☐ Describe side-slope in heavy grass vegetation
2. Slope \leq 17-19%
3. Depth to rock/pervious strata Max. Min. 51"
4. Depth to seasonal water table (gray mottling or gray color) NO ☒ YES ☐
5. Free water present NO ☒ YES ☐ range in inches
6. Soil percolation rate estimated YES ☒ Texture group II & III
NO ☐ Estimated rate 50-55 min/inch
7. Percolation test performed YES ☐ Number of percolation test holes _____
NO ☒ Depth of percolation test holes _____
Average percolation rate _____

Name and title of evaluator: Kenneth Carbaugh, VA State AOSE 1940001170

Signature: *Kenneth Carbaugh*

Department Use

- ☒ Site Approved: Drain field to be placed at 24-30" in depth at site designated on permit.
- ☐ Site Disapproved:
- Reason for rejection:
1. ☐ Position in landscape subject to flooding or periodic saturation.
 2. ☐ Insufficient depth of suitable soil over hard rock.
 3. ☐ Insufficient depth of suitable soil over seasonal water table.
 4. ☐ Rates of absorption too slow.
 5. ☐ Insufficient area of acceptable soil for required drain field, and/or Reserve Area.
 6. ☐ Proposed system too close to well.
 7. ☐ Other Specify _____



Date of Evaluation 10-28-21

Profile Description

Cool and overcast 60 deg

SOIL EVALUATION REPORT

☐ See application sketch☐ See construction permit.☒ See sketch reverse side or page attached to this form.

Hole#	Horizon	Depth (Inches)	Description of, color, texture, etc.	Texture Group
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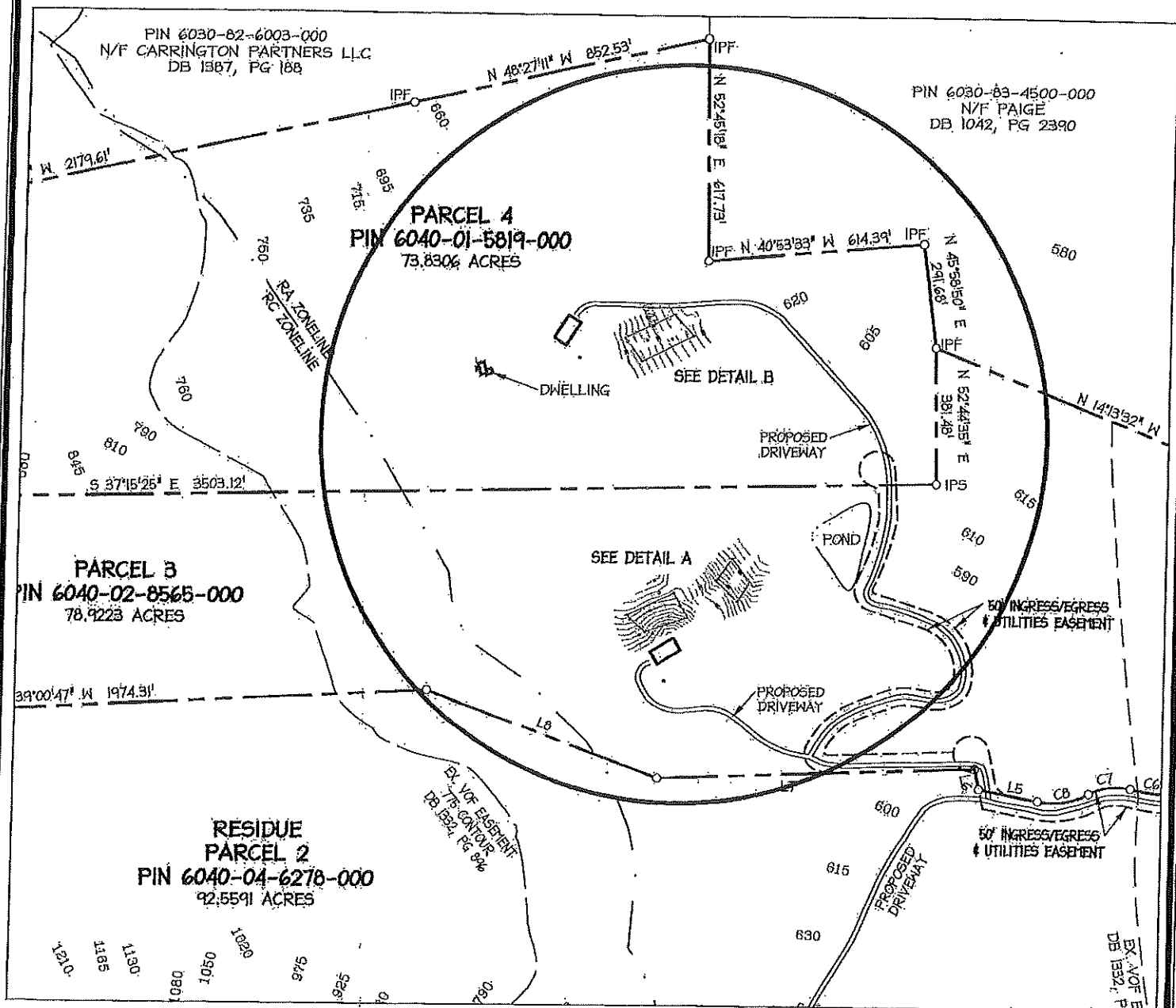
Soil profiles for existing site 102

1	A	0-12	7.5 YR 4/4 brown, moist and very friable, loam; moderate fine sub-angular blocky, heavily rooted.	IIb
	Bt	12-22	7.5 YR 5/8 strong brown, moist, and very friable, silt loam; strong moderate sub-angular blocky, common earthworms, channels and casings, heavily rooted.	III
	CB	22-51	7.5 YR 6/8 reddish yellow, moist, and friable sandy clay loam; moderate fine sub-angular blocky, becoming granular and loose with depth, finely rooted.	IIa
	C/Cr	51-60	7.5 YR 6/8 reddish yellow, moist, and firm channery fine sandy loam; granular, single-grained, highly weathered in place saprolite, 25-35% fine parent material channels from 51-60", well drained.	III
2	A	0-10	7.5 YR 4/4 brown, moist and very friable, loam; moderate fine sub-angular blocky, heavily rooted.	IIb
	Bt	10-24	7.5 YR 5/8 strong brown, moist, and very friable, silt loam; strong moderate sub-angular blocky, common earthworms, channels and casings, heavily rooted.	III
	CB	24-58	7.5 YR 6/8 reddish yellow, moist, and friable light silty clay/clay loam; moderate fine sub-angular blocky, becoming granular and loose with depth, finely rooted.	III
	C/Cr	58-68	7.5 YR 6/8 reddish yellow, moist, and firm channery silt loam; granular, single-grained, highly weathered in place saprolite, 35% fine parent material channels from 58-68", well drained.	III
3	A	0-14	7.5 YR 4/4 brown, moist and very friable, loam; moderate fine sub-angular blocky, heavily rooted.	IIb
	Bt	14-24	7.5 YR 5/8 strong brown, moist, and very friable, silt loam; strong moderate sub-angular blocky, common earthworms, channels and casings, heavily rooted.	III
	CB	24-60	7.5 YR 6/8 reddish yellow, moist, and friable micaceous coarse sandy loam; weak fine sub-angular blocky, becoming granular and loose with depth, finely rooted.	IIa
4	A	0-14	7.5 YR 4/4 brown, moist and very friable, loam; moderate fine sub-angular blocky, heavily rooted.	IIb
	Bt	14-24	7.5 YR 5/8 strong brown, moist, and very friable, silt loam; strong moderate sub-angular blocky, heavily rooted.	III
	C	24-60	7.5 YR 5/8 strong brown, moist, and friable micaceous coarse sandy loam; weak fine sub-angular blocky, becoming granular and loose with depth, finely rooted.	IIa



Sanitary Survey

All known developed and undeveloped water sources within a 200' radius of the proposed onsite systems have been shown. *See full scale plat



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