

Orange County Health Department

(919) 245-2360
(919) 644-3006 (FAX)



131 West Margaret Lane
Suite 100
P.O. Box 8181
Hillsborough, NC 27278

IMPROVEMENT PERMIT

PIN: 9840435353
Application Date: 4/1/2021 12:00:00AM

Property Address:

Permit Number: IP21-0065

Township: BINGHAM-6

Applicant: BAKST JODI

Owner: BURT STEPHEN AND SHARON
7951 LAKE ROSS LN
SANFORD FL 32771

Phone: 919-697-5014

Phone: 407-580-7189

Email: jodi@realestateexperts.net

Email: steveburt1@me.com

Description: E/S SR 1006 P122/128

Lot Size: 54.10 Acres

Water Supply: Private Well

Facility Type: Single Family Home

		Initial System	Replacement System
Wasteflow:	600 GPD	System Classification: Ilgu: Accepted Trench (Ultrashallow), 25%Red	System Classification: Ilgu: Accepted Trench (Ultrashallow), 25%Red
No. of Bedrooms:	5	Useable Soil Depth: 24	Useable Soil Depth: 24
Site Classification		LTAR: 0.225 gpd/ft2	LTAR: 0.225 gpd/ft2
Provisionally suitable			

Conditions:

- For the REPAIR DRAINFIELD, imported soil material will be required when installed. The 6" soil cap must be approved by OCHD prior to placement, must extend at least 5 feet beyond the drainfield in all directions, and be seeded for system approval.
- This permit is for Lot # 5 (1.50 Acres) to be split off from Parent Parcel # 9840-43-5353.
- An imported soil cap is required over the drainfield area. The soil imported must be approved by OCHD prior to placement, be maintained at a minimum depth of 6 inches after settling, must extend at least 5 feet beyond the drainfield in all directions, and be seeded for system approval.

Refer to the attached site plan for specific information regarding location of the designated area. Soil and site descriptions are located on file at Environmental Health.

There may be other types of systems which are applicable to this site.

The applicant for the Construction Authorization must specify the system types to be considered.

The permit and evaluation are valid only for the site as designated on the attached site plan.

A Construction Authorization must be issued prior to the issuance of the Building Permit and before any construction or system installation can commence.

This permit is subject to revocation if the site plan, plat, or intended use changes or if the site is altered.

Subsequent changes to the site plan or information in the application require a new application and additional fees.

ISSUED: 06/29/2021

A handwritten signature in black ink, appearing to read "David Ward".

David Ward, Environmental Health
Specialist

NC 811: Call Before You Dig

EXPIRES: 06/27/2026

IP Site Sketch

Lot 5, Array S/D

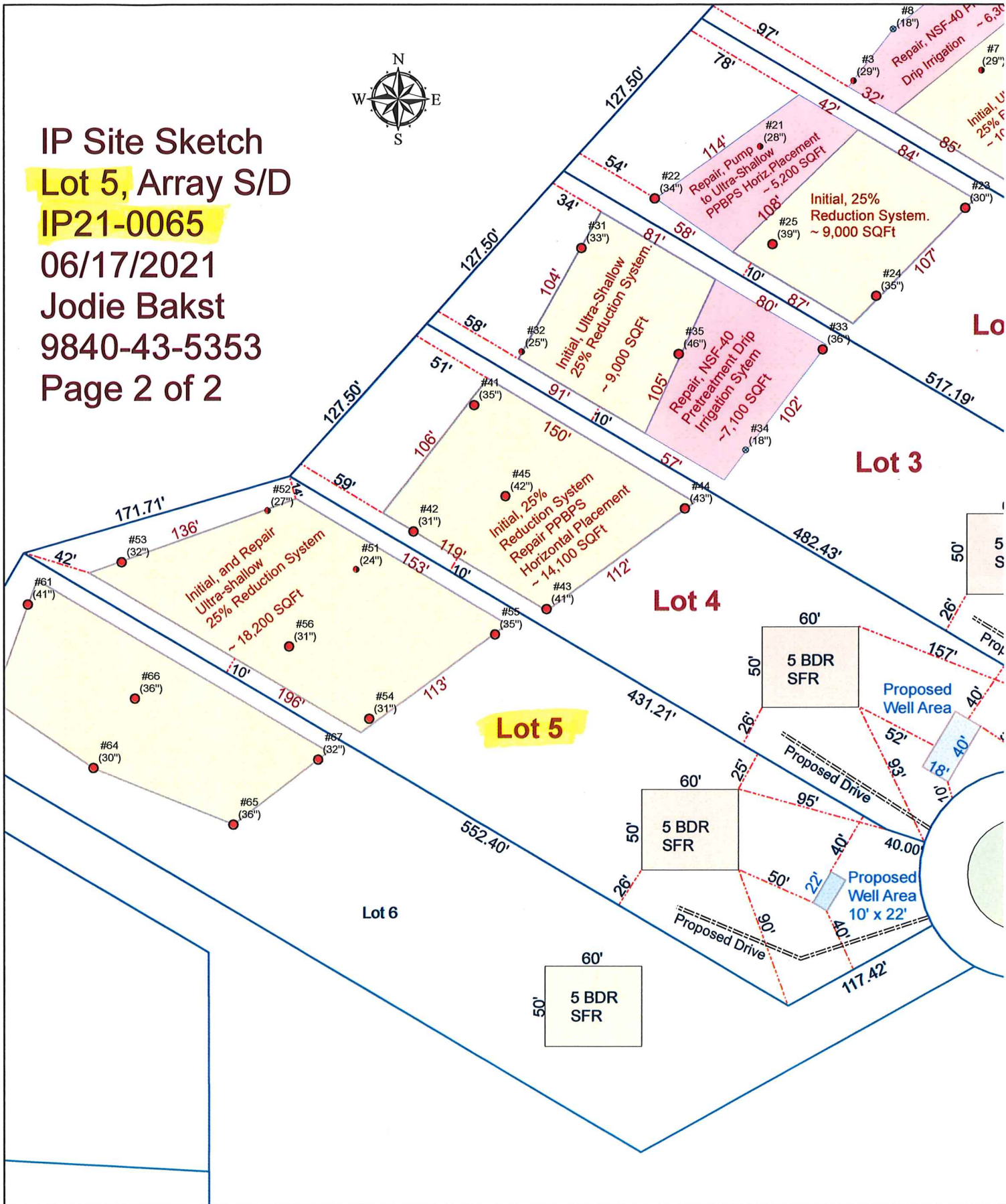
IP21-0065

06/17/2021

Jodie Bakst

9840-43-5353

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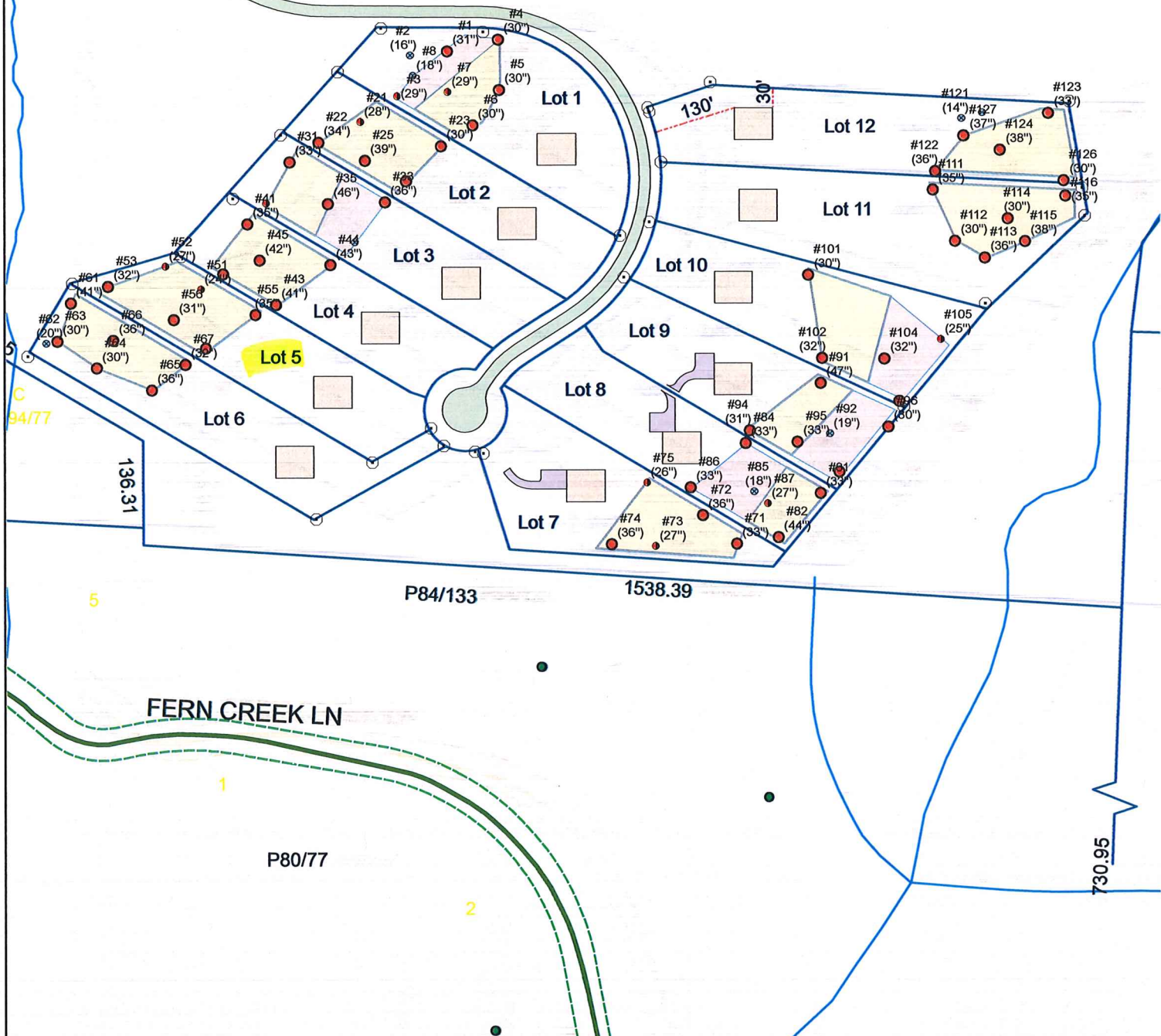
1 inch = 80 feet

0 12.525 50 75 100 Feet

Orange County Environmental Health

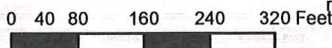
This map contains parcels prepared for the inventory of real property within Orange County, and is compiled from recorded deeds, plats and other public records and data. Users of this map are hereby notified that the aforementioned public primary information sources should be consulted for verification of the information contained on this map. The county and its mapping companies assume no legal responsibility for the information on this map.

IP Site Sketchs
 Lots 1-12, Array S/D
 06/10/2021
 Jodie Bakst
 9840-43-5353
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Orange County Environmental Health

1 inch = 233.33 feet



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ORANGE COUNTY ENVIRONMENTAL HEALTH SERVICES DIVISION

131 West Margaret Lane, Suite 100, Hillsborough, NC 27278
Phone 919-245-2360 Fax 919-644-3006 www.orangecountync.gov

Soil/Site Evaluation Field Data Sheet

Parcel PIN: 9040-43-5353 PARCEL ADDRESS: Orange Grove Rd Permit#: TP20-0065
Application Date: _____ # Bedrooms Requested: 5 # GPD requested: 600

Applicant: _____ Owner: _____ Prop Desc: _____
Address: _____ Address: _____ Lot size: _____
Phone: _____ Email: _____ Phone: _____ Email: _____

SOIL BORING PROFILE INFORMATION

FACTORS	RULE #	51	52	53	54	55	56	7	8	9	10
LANDSCAPE POSITION	.1940	W	W	W	W	W	W				
SLOPE (%)	.1940	~20	~30	~50	~5-60	~3-40	~50				
HORIZON 1 DEPTH **	.1943	0-9	0-8	0-6	0-12	0-6	0-11				
TEXTURE	.1941 (a)(1)	SIL	SIL	SIL	SIL	SIL	SIL				
CONSISTENCE	.1941	VRSS	VRSS	VRSS	VRSS	VRSS	VRSS				
STRUCTURE	.1941 (a)(2)	CRP.1	CRP.1	CRP.1	CRP.1	CRP.1	CRP.1				
CLAY MINERALOGY	.1941 (a)(3)	SEP	SEP	SEP	SEP	SEP	SEP				
HORIZON 2 DEPTH **	.1943	9-18	5-22	6-20	12-28	6-28	11-30				
TEXTURE	.1941 (a)(1)	SIL	SIL	SIL	SIL	SIL	SIL				
CONSISTENCE	.1941	VRSS	VRSS	VRSS	VRSS	VRSS	VRSS				
STRUCTURE	.1941 (a)(2)	CRP.1	CRP.1	CRP.1	CRP.1	CRP.1	CRP.1				
CLAY MINERALOGY	.1941 (a)(3)	SEP	SEP	SEP	SEP	SEP	SEP				
HORIZON 3 DEPTH **	.1943	18-26	22-28	20-33	28-33	28-36	30-33				
TEXTURE	.1941 (a)(1)	SIL	SIL	SIL	SIL	SIL	SIL				
CONSISTENCE	.1941	VRSS	VRSS	VRSS	VRSS	VRSS	VRSS				
STRUCTURE	.1941 (a)(2)	CRP.1	CRP.1	CRP.1	CRP.1	CRP.1	CRP.1				
CLAY MINERALOGY	.1941 (a)(3)	SEP	SEP	SEP	SEP	SEP	SEP				
HORIZON 4 DEPTH **	.1943										
TEXTURE	.1941 (a)(1)										
CONSISTENCE	.1941										
STRUCTURE	.1941 (a)(2)										
CLAY MINERALOGY	.1941 (a)(3)										
SOIL WETNESS	.1942	2.54/70									
RESTRICTIVE HORIZON	.1944										
SAPROLITE	.1943/.1956		28"	34"	33"	36"	33"				
USABLE SOIL DEPTH		24"	27"	32"	31"	35"	31"				
CLASSIFICATION	.1948	US	US	US	US	US	US				
L. T. A. R. (gpd/ft2)	.1955	1250	1250	1225	1250	1240	1250				

OTHER FACTORS (.1946):

AVAILABLE SPACE (.1945): 5

SITE CLASSIFICATION (.1948): P5

PRIMARY LTAR (gpd/ft2): 1225

REPAIR LTAR (gpd/ft2): 1225

EVALUATED BY: Paul Wad

COMMENTS:

SYSTEM TYPE: Ultra-Shallow 25% Red. Spacing

SYSTEM TYPE: " " " "

DATE: 05/11/2021

6512/2021

PS SOIL DEPTH: 24"

PS SOIL DEPTH: 24"

OTHERS PRESENT: P.S. Fiorentino

Excavator Operator

*Indicates Profile Reclassified PS per .1956 .1957 .1969
**Profile usable soil depth slope-corrected



Lot #5
IP21-0065

Orange County Environmental Health
PO Box 8181, 131 W Margaret Ln, Hillsborough, NC 27278

Type or print legibly.

APPLICATION FOR PERMITS

APPLICANT* Jodi Bakst PROPERTY OWNER* Stephen & Sharon Burt
ADDRESS* 501 Eastowne Dr., Ste 140, Chapel Hill, NC 27514 ADDRESS* Sandford, FL
EMAIL* Jodi@realestateexperts.net EMAIL* Steveburt1@me.com
DAYTIME PHONE NUMBER* 919-697-5014 DAYTIME PHONE* 407-580-7189
SITE ADDRESS: 7900 Orange Grove Road
DIRECTIONS / LOCATION* Directly to the right of 7906 Orange Grove Road
PIN* 9840-43-5353 LOT SIZE 1.51 SUBDIVISION / LOT# 5

*REQUIRED

- | | | |
|---|--|--|
| <input checked="" type="checkbox"/> NEW SEPTIC | <input type="checkbox"/> NEW WELL | <input type="checkbox"/> PERMIT REVISION: PERMIT# _____ |
| <input type="checkbox"/> EXPANSION OF SEPTIC SYSTEM (I.E. ADDING BEDROOM) | <input type="checkbox"/> WELL ABANDONMENT | <input type="checkbox"/> SEPTIC SYSTEM ABANDONMENT |
| <input type="checkbox"/> SEPTIC SYSTEM REPAIR | <input type="checkbox"/> WELL REPAIR | <input type="checkbox"/> SUBDIVISION/RECOMBINATION OF PROPERTY |
| <input type="checkbox"/> EXISTING SEPTIC AUTHORIZATION OR CHANGE OF USE | <input type="checkbox"/> WELL OR SEPTIC PERMIT RENEWAL: PERMIT # _____ | |

PROJECT DESCRIPTION (BE SPECIFIC) *REQUIRED:

- ☒ SINGLE FAMILY DWELLING *Number of Bedrooms: 5 Number of occupants: _____
☐ MULTI FAMILY: APARTMENT / GUEST HOUSE *Number of Bedrooms: _____ Number of occupants: _____
*REQUIRED

☐ BUSINESS/OTHER DOCUMENTATION OF TYPE, USAGE, NUMBER OF USERS/ STAFF WILL BE REQUIRED.

***WATER SUPPLY**

- ☐ PUBLIC
☒ PRIVATE WELL
☐ COMMUNITY WELL
☐ OTHER

PLEASE CHECK IF APPLICABLE

- ☐ BASEMENT WITH PLUMBING
☐ WASTEWATER OTHER THAN SEWAGE GENERATED
☐ PROPERTY CONTAINS DESIGNATED WETLANDS
☐ SITE IS SUBJECT TO APPROVAL BY OTHER AGENCY
☐ GARBAGE DISPOSAL
☐ WATER SOFTENER

***REQUESTED SYSTEM MATERIAL**

- ☐ NO PREFERENCE
☐ CONVENTIONAL ONLY
☐ ACCEPTED MATERIALS
☐ OTHER

*REQUIRED

*REQUIRED FOR IP/CA

INCOMPLETE APPLICATIONS WILL NOT BE PROCESSED. THE FOLLOWING IS REQUIRED.

- ☐ **SITE ASSESSMENT:** A site assessment must be obtained from the Planning Department with jurisdiction over the property
- ☒ **SITE PLAN DRAWN TO SCALE:**
- Existing and proposed property lines, easements, rights-of-way, and buffers with measurements;
 - Location of all proposed structures, driveways, additions, other future improvements with measurement of the structures and measures to two property lines (minimum);
 - Known sources of contamination (septic drain fields, animal lots, fuel tanks, old wells);
- ☐ **FLOOR PLAN** (not required for Well Permits or Residential Improvement Permits, other conditions apply for commercial projects)

Please read before signing. Acknowledgment: This application has been signed by the current OWNER of the property or the OWNER'S LEGAL REPRESENTATIVE (documentation required) who has entered into a contract or lease with the owner and who may legally represent the property owner in the transactions regarding the property. Contact this office regarding digital signatures. I, the undersigned, am the property OWNER or the LEGAL REPRESENTATIVE. By signing this application, I grant the Orange County Health Department, Environmental Health Division, right of entry to the property to perform the service(s) requested.

OWNER/REP: Jodi Bakst

DATE: 02/10/2021

CALCULATING FEES 2019-2020:

SITE EVALUATION		PERMIT #
IMPROVEMENT PERMIT UP TO 600 GPD	\$485	485
IMPROVEMENT PERMIT REISSUE/ REVISION/ RENEWAL	\$175	
IN-OFFICE REVISION OF IMPROVEMENT PERMIT	\$35	
EXPANSION OF EXISTING SYSTEM IP	\$485	
SUBDIVISION/ RECOMBINATION	\$485	
Up to two acres is evaluated. Sites where rock greater than 4" in diameter is prevalent will require evaluation by backhoe pit. Any changes to the site plan, floor plan, or intended use shall require a new application and additional fees. All projects with a design flow in excess of 600 GPD require additional fees. All projects with a design flow in excess of 600 GPD, non-residential projects, and subdivisions require that the applicant contract with a backhoe operator to dig pits on the site. Subdivisions and recombination of properties require at least the concept plan approval or plat prepared by a surveyor.		
AUTHORIZATION TO CONSTRUCT		
CONSTRUCTION AUTHORIZATION UP TO 600 GPD NEW OR EXP	\$360	
CONSTRUCTION AUTHORIZATION REISSUE/ REVISION/ RENEWAL	\$175	
IN-OFFICE REVISION OF CONSTRUCTION AUTHORIZATION	\$35	
CONSTRUCTION AUTHORIZATION- REPAIR	\$0	
Any changes to the site plan, floor plan, or intended use shall require a new application and additional fees. All projects with a design flow in excess of 600 GPD require additional fees.		
ESA		
EXISTING SYSTEM AUTHORIZATION (NO CHANGE IN FLOW)	\$175	
IN-OFFICE ESA WHERE NO SITE VISIT IS REQUIRED	\$35	
MOBILE HOME PARK SPACE RECONNECTION AUTHORIZATION	\$105	
SEPTIC SYSTEM ABANDONMENT	\$0	
Certain conditions, such as prolonged vacancy or site specific concerns, can require parts of the septic to be uncovered, the tank to be pumped, and property lines to be surveyed.		
WELL		
WELL PERMIT- NEW	\$595	
WELL PERMIT- REPLACEMENT	\$595	
WELL PERMIT-IRRIGATION OR GEOTHERMAL	\$595	
WELL PERMIT- REPAIR OR ABANDONMENT +BACTERIA SAMPLE	\$75	
Well permit fee includes one set of compliance water sampling for water supply wells after construction. If the well will serve more than one purpose (i.e. drinking water supply AND geothermal), indicate on PROJECT DESCRIPTION.		
RE-INSPECTION FEE FOR ALL SERVICES	\$50/ VISIT	
REFUND POLICY: No fees shall be refunded for services already rendered or initiated by site visit.		RECEIPT #
TOTAL		485

***PREPARING FOR THE SITE EVALUATION OR SITE VISIT:**

Improvement Permits for single-family dwellings on recorded properties and some Existing System Authorizations and Well Permits can be evaluated and visited without making appointments.

- ☐ Verify that the email and phone submitted are the best ways to reach the APPLICANT.
- ☐ All proposed structures must be staked.
- ☐ Property lines and corners must be clearly marked and accessible. If property lines cannot be verified, it will be necessary for the property to be surveyed before a determination can be made.
- ☐ Trim thick vegetation. The area may need to be "bush-hogged" or thinned out. Do not grade or excavate potential soil areas, as it is possible to damage sites beyond use.

*REQUIRED. Failure to prepare the site may cause long delays in permitting or may result in a *Notice of Incompletion*.

Please read before signing.

Acknowledgment: I, the undersigned, understand that I am the responsible party for making the site accessible for evaluation, permitting, and inspection purposes. Records, flags, and ribbon are available upon request.

OWNER/REP: Jodi Bakst DATE: 02/10/2021