

## Remarks: DERM ONSITE SEWAGE TREATMENT & DISPOSAL SYSTEMS - C2023085319

Code	Description	Created	Modified
REMARK	*identify the structure located at NE side corner in the site plan.	ICAZA, CARLOS 04/10/2023 1:48 PM	ICAZA, CARLOS 04/10/2023 1:49 PM
REMARK	<p>*Provide a new system Application (form DEP 4015 page 1 of 4), and site evaluation (DEP 4015 page 3 of 4), both shall be dated, signed and sealed by a Professional Engineer.</p> <p>If you have any questions regarding these review comments, please contact Carlos Icaza via email at: Carlos.Icaza2@miamidade.gov</p>	ICAZA, CARLOS 04/10/2023 1:46 PM	ICAZA, CARLOS 04/10/2023 1:47 PM
0023	Provide a site plan drawn to scale showing the following: center line of the adjacent roads, property line, soil boring test location and elevations, all existing and proposed OSTDSs and wells including the one in adjacent properties, water service line, all existing and proposed building(s) and or structures, water bodies etc.	ICAZA, CARLOS 04/10/2023 1:45 PM	ICAZA, CARLOS 04/10/2023 1:47 PM
0024	A cross section of the drainfield showing the separation of the bottom of the drainfield with the wet season high water table shall be included in the site plan.	ICAZA, CARLOS 04/10/2023 1:45 PM	ICAZA, CARLOS 04/10/2023 1:47 PM
0025	A Performance Based Treatment System shall be designed by a qualified professional engineer, licensed in the State of Florida. The pages containing the site plan, PBTS design, and other pages relevant to the design of the PBTS, shall be signed and sealed by a Professional Engineer, registered in the State of Florida, qualified to perform this work which shall be complete and accurate to safeguard the life, health, property, and welfare of the public. Note that electronically submitted documents shall be duly digitally or electronically signed, and the PE signature shall be in accordance with FBPE guidelines for digitally/electronically signing and sealing documents. The following link can be used for guidance on signing and sealing electronic documents: <a href="https://fbpe.org/legal/signing-and-sealing-engineering-documents/">https://fbpe.org/legal/signing-and-sealing-engineering-documents/</a>	ICAZA, CARLOS 04/10/2023 1:45 PM	ICAZA, CARLOS 04/10/2023 1:47 PM
0026	Provide a signed and sealed boundary survey with elevations.	ICAZA, CARLOS 04/10/2023 1:45 PM	ICAZA, CARLOS 04/10/2023 1:47 PM
0017	Under Chapter 24-42.7 of the Miami-Dade County Code, a reduction of the drainfield size by the use of a PBTS is not allowed. If a reduction of the drainfield is desired, the applicant needs to demonstrate that it is not technically possible to install a full size drainfield and additional treatment of the effluent must be provided, prior to its entrance to the drainfield.	ICAZA, CARLOS 04/10/2023 1:44 PM	ICAZA, CARLOS 04/10/2023 1:47 PM
0013	At a minimum, a Type 3 OSTDS is required. This system shall meet Advanced Secondary Treatment Standards as per Chapter 62-6 of the Florida Administrative Code. The effluent must comply with maximum concentrations of carbonaceous biochemical oxygen demand (CBOD5) of 10 mg/l, total suspended solids (TSS) of 10 mg/l, total nitrogen (TN) 50% reduction, total phosphorus (TP) of 10 mg/l, and fecal coliform of 200 cfu, as annual averages, prior to the drainfield.	ICAZA, CARLOS 04/10/2023 1:37 PM	ICAZA, CARLOS 04/10/2023 1:47 PM

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0015	The bottom of the drainfield or other disposal system shall be designed and installed no less than 36 inches above the wet season high water table.	ICAZA, CARLOS 04/10/2023 1:37 PM	ICAZA, CARLOS 04/10/2023 1:47 PM
0016	<p>The OSTDS calculation summary boxes and performance data table shall be depicted in the plans, in the format that was provided. Complete the tables and include them in the site plan. The OSTDS performance data shall be supported and referenced by third party testing from NSF or the DEP "Testing Performance Data for Components of Performance Based Treatment Systems (PBTS)". The required boxes have been uploaded to this process number for reference.</p> <p>*The two OSTDS calculation and summary boxes and the performance data table shall be completed and depicted in the site plan. The required boxes will be uploaded to this process number.</p>	ICAZA, CARLOS 04/10/2023 1:37 PM	ICAZA, CARLOS 04/10/2023 1:47 PM

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