



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM

PERMIT #: 05-SV-4043004
APPLICATION #: AP2274293
DATE PAID: _____
FEE PAID: _____
RECEIPT #: _____
DOCUMENT #: PR2348422

CONSTRUCTION PERMIT FOR: OSTDS New
APPLICANT: (Ecosun Homes LLC)
PROPERTY ADDRESS: 1044 Yakutat Ave SE Palm Bay, FL 32909
LOT: 14 BLOCK: 680 SUBDIVISION: Port Malabar Unit 15
PROPERTY ID #: 29-37-08-GO-680-14 [SECTION, TOWNSHIP, RANGE, PARCEL NUMBER]
[OR TAX ID NUMBER]

SYSTEM MUST BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS AND STANDARDS OF SECTION 381.0065, F.S., AND CHAPTER 64E-6, F.A.C. DEPARTMENT APPROVAL OF SYSTEM DOES NOT GUARANTEE SATISFACTORY PERFORMANCE FOR ANY SPECIFIC PERIOD OF TIME. ANY CHANGE IN MATERIAL FACTS, WHICH SERVED AS A BASIS FOR ISSUANCE OF THIS PERMIT, REQUIRE THE APPLICANT TO MODIFY THE PERMIT APPLICATION. SUCH MODIFICATIONS MAY RESULT IN THIS PERMIT BEING MADE NULL AND VOID. ISSUANCE OF THIS PERMIT DOES NOT EXEMPT THE APPLICANT FROM COMPLIANCE WITH OTHER FEDERAL, STATE, OR LOCAL PERMITTING REQUIRED FOR DEVELOPMENT OF THIS PROPERTY.

SYSTEM DESIGN AND SPECIFICATIONS

T [400] GALLONS / GPD NSF 245 Certified aerobic unit CAPACITY
A [] GALLONS / GPD _____ CAPACITY
N [] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK:1250 GALLONS]
K [] GALLONS DOSING TANK CAPACITY [] GALLONS @ [] DOSES PER 24 HRS #Pumps []
D [375] SQUARE FEET New bed drainfield SYSTEM
R [] SQUARE FEET _____ SYSTEM
A TYPE SYSTEM: [] STANDARD [] FILLED [x] MOUND [] _____
I CONFIGURATION: [] TRENCH [x] BED [] _____
N

F LOCATION OF BENCHMARK: Site Benchmark #1 40"

I ELEVATION OF PROPOSED SYSTEM SITE [5.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT
E BOTTOM OF DRAINFIELD TO BE [17.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT

D FILL REQUIRED: [30.00] INCHES EXCAVATION REQUIRED: [32.00] INCHES

O
T
H
E
R
The system is sized for 3 bedrooms with a maximum occupancy of 6 persons (2 per bedroom), for a total estimated flow of 300 gpd. Nitrogen-reducing NSF-245 certified aerobic treatment unit. Nitrogen-reducing system installed to comply with current or future spring BMAP requirements. Maintenance service agreement required. Biennial OSTDS operating permit from the department required. Audio and visual alarms must be installed and working prior to final approval. Minimum 54" of effective soil depth is required beneath the bottom surface of the drainfield. (Comments Continued on Page 2.)

SPECIFICATIONS BY: Skylar K Senti TITLE: CEHP
APPROVED BY: Jennifer N Morley TITLE: Environmental Specialist III Brevard CHD
DATE ISSUED: 12/02/2025 EXPIRATION DATE: 06/02/2027

ALL severely limiting material must be excavated from the effective soil beneath the drainfield and for a distance of 1 ft. beyond the drainfield on all sides. Remove topsoil throughout fill area including shoulders and slopes. The O horizon of original topsoil and vegetation must be removed from beneath the drainfield, shoulder and slope area and the exposed underlying soil plowed or roughened to prevent formation of an impervious barrier between the fill and natural soil. Maintain all required setbacks including 75' to potable wells and 5' to building foundations. Maintain 6' side easements and 10' rear easement. No part of the OSTDS including the 4' shoulders for a mound/filled system may be in the easements. Maintain 4' shoulders and 2:1 slopes. Mound must be constructed of slightly limited soil, including shoulder area. Property lines must be clearly marked for system inspection. Issuance of this permit does not relieve the owner of meeting the permit requirements of county, municipal, or other legally constituted authorities.

NOTICE OF RIGHTS

A party whose substantial interest is affected by this order may petition for an administrative hearing pursuant to sections 120.569 and 120.57, Florida Statutes. Such proceedings are governed by Rule 28-106, Florida Administrative Code. A petition for administrative hearing must be in writing and must be received by the Agency Clerk for the Department, within twenty-one (21) days from the receipt of this order. The address of the agency clerk is 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. The Agency Clerk's email is agency_clerk@FloridaDEP.gov.

Mediation is not available as an alternative remedy.

Your failure to submit a petition for hearing within 21 days from receipt of this order will constitute a waiver of your right to an administrative hearing, and this order shall become a 'final order'.

Should this order become a final order, a party who is adversely affected by it is entitled to judicial review pursuant to Section 120.68, Florida Statutes. Review proceedings are governed by the Florida Rules of Appellate Procedure. Such proceedings may be commenced by filing one copy of a Notice of Appeal with the Agency Clerk of the Department of Environmental Protection and a second copy, accompanied by the filing fees required by law, with the Court of Appeal in the appropriate District Court. The notice must be filed within 30 days of rendition of the final order.

OCT 15 2025



STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM SITE EVALUATION AND SYSTEM SPECIFICATIONS

Initial: [Signature]

PERMIT #. AP2274293

APPLICANT: ECOSUN HOMES LLC AGENT: Drain Mechanics

LOT: 14 BLOCK: 680 SUBDIVISION: Port Malabar Unit 15

PROPERTY ID #: 29-37-08-GO-680-14 [Section/Township/Parcel No. or Tax ID Number]

TO BE COMPLETED BY ENGINEER, HEALTH DEPARTMENT EMPLOYEE, OR OTHER QUALIFIED PERSON. ENGINEERS MUST PROVIDE REGISTRATION NUMBER AND SIGN AND SEAL EACH PAGE OF SUBMITTAL. COMPLETE ALL ITEMS.

PROPERTY SIZE CONFORMS TO SITE PLAN: [X] YES [] NO NET USABLE AREA AVAILABLE: 0.23 ACRES TOTAL ESTIMATED SEWAGE FLOW: 300 GALLONS PER DAY [TABLE 1] AUTHORIZED SEWAGE FLOW: 340 345 GALLONS PER DAY [2500 GPD/ACRE] UNOBSTRUCTED AREA AVAILABLE: 1000 SQFT UNOBSTRUCTED AREA REQUIRED: 565 SQFT

BENCHMARK/REFERENCE POINT LOCATION: Site Benchmark #1 40" ELEVATION OF PROPOSED SYSTEM SITE IS 5 [INCHES] [ABOVE] BENCHMARK/REFERENCE POINT

THE MINIMUM SETBACK WHICH CAN BE MAINTAINED FROM THE PROPOSED SYSTEM TO THE FOLLOWING FEATURES SURFACE WATER: na FT DITCHES/SWALES: 80 FT NORMALLY WET? [] YES [X] NO WELLS: PUBLIC: na FT LIMITED USE: na FT PRIVATE: 84 FT NON-POTABLE: na FT BUILDING FOUNDATIONS: 5 FT PROPERTY LINES: 12.5 FT POTABLE WATER LINES: 48 FT

SITE SUBJECT TO FREQUENT FLOODING: [] YES [X] NO 10 YEAR FLOODING? [] YES [X] NO 10 YEAR FLOOD ELEVATION FOR SITE: FT MSL/NGVD SITE ELEVATION: FT MSL/NGVD

SOIL PROFILE INFORMATION SITE 1

SOIL PROFILE INFORMATION SITE 2

Table with 3 columns: MUNSELL #/COLOR, TEXTURE, DEPTH. Rows include 10YR 4/2 Sand, 10YR 5/2 Sand, 10YR 6/1 Sand, 10YR 2/2 Spodic, 10YR 5/3 Sand, Hole Caved Refusal, and USDA SOIL SERIES: Myakka.

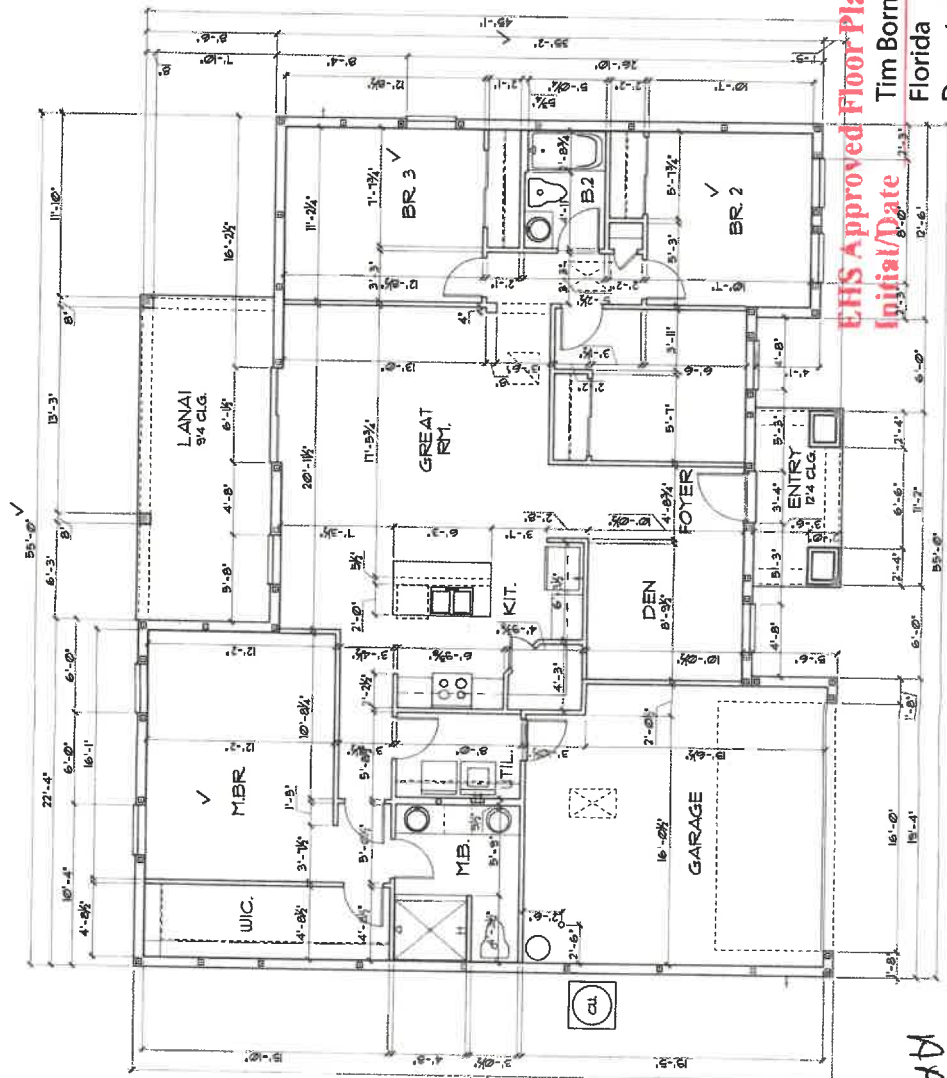
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OBSERVED WATER TABLE: 8 [INCHES BELOW] EXISTING GRADE. TYPE: [APPARENT] ESTIMATED WET SEASON WATER TABLE ELEVATION: 12 INCHES [BELOW] EXISTING GRADE HIGH WATER TABLE VEGETATION: [] YES [X] NO WSWT Indicator: [X] YES [] NO DEPTH: 12

SOIL TEXTURE/LOADING RATE FOR SYSTEM SIZING: 0.6/Sand DEPTH OF EXCAVATION: 32 INCHES DRAINFIELD CONFIGURATION: [] TRENCH [X] BED [] OTHER (SPECIFY)

REMARKS/ADDITIONAL CRITERIA: Site #1: 35" EWSWT based on 10YR 6/1 stripping in 10YR 5/2 matrix at 12 inches in site #2. Site #2: 35"

SITE EVALUATED BY: [Signature] Skylar Senti CEHP# 25-2176 DATE: 9/30/2025



EHS Approved Floor Plan
Initial/Date
Tim Born, Florida Department of Health
Digitally signed by Tim Born, Florida Department of Health
Date: 2025.11.04 11:05:05 -06'00'

FLOOR PLAN W/ DIMENSIONS
1/8" = 1'-0" (10X1) 1/4" = 1'-0" (22X34)

02774293

RECEIVED
Initial: *pu*
06:15

3-Bed/1665-LV1TB V

TABULATION	
LIVING	1665 SF
GARAGE	372 SF
LANAI	62 SF
TOTAL UNDER ROOF	2756 SF

- GENERAL NOTES
1. CONTRACTOR TO VERIFY ALL DIMENSIONS ON JOB SITE.
 2. DO NOT SCALE PRINTS! CONSTRUCTION DIMENSIONS TO BE REPORTED TO SUPERVISOR FOR CLARIFICATION.
 3. ALL INTERIOR FRAMING WALL DIMENSIONS TO BE 3/4" UNLESS NOTED OTHERWISE.
 4. ALL EXTERIOR BLOCK WALL DIMENSIONS TO BE 1 1/2" UNLESS NOTED OTHERWISE.
 5. ALL INTERIOR CEILING AT 9'-0" UNLESS NOTED OTHERWISE.
 6. MECHANICAL EQUIPMENT LOCATIONS WILL BE DETERMINED BY CITY AND COUNTY CODES.