



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

PERMIT #: **05-SV-3186101**
APPLICATION #: **AP2246345**
DATE PAID: **09/03/2025**
FEE PAID: **\$310.00**
RECEIPT #: **138583090**
DOCUMENT #: **PR2321768**
5-PID-7589979

CONSTRUCTION PERMIT FOR: OSTDS New

APPLICANT: (Ecosun Homes LLC)

PROPERTY ADDRESS: 1833 Cajeput Ct NW Palm Bay, FL 32907

LOT: 10 BLOCK: 1877 SUBDIVISION: Port Malabar Unit 41

PROPERTY ID #: 28-36-33-01-1877-10 [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 Aerobic Treatment 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: BM #2 91"

I ELEVATION OF PROPOSED SYSTEM SITE [1.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT

E BOTTOM OF DRAINFIELD TO BE [8.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT

L

D FILL REQUIRED: [27.00] INCHES EXCAVATION REQUIRED: [0.00] INCHES

O 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. Audio and visual alarms must be installed and working. Maintenance service agreement and Biennial OSTDS
T Operating Permit from CHD required. The licensed contractor installing the system is responsible for installing the minimum
H category of tank in accordance with s. 62-6.013(3)(f), FAC. Maintain all setbacks, including 75' to potable wells. Stormwater
E runoff control is required to divert drainage from drainfield area if dripline of roof is less than 5' from drainfield.
R (Comments Continued on Page 2.)

SPECIFICATIONS BY: Skylar K Senti

TITLE: Septic Design & Permitting

APPROVED BY: Tim G Born
Tim G Born

TITLE: EH North Branch Director

Brevard CHD

DATE ISSUED: 09/11/2025

EXPIRATION DATE: 03/11/2027

DEP 4015, 06-21-2022 (Obsoletes previous editions which may not be used)

Incorporated 62-6.004, FAC

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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. Mound system requires minimum 4' shoulder and maximum 2:1 slope. Mound must be constructed of slightly limited soil, including shoulder area. Mound system, including shoulder and slopes, may not be in easements. Slope not required if stabilizing on adjacent property that is at same elevation of mound height. Nitrogen-reducing system installed to comply with current or future spring BMAP requirements. Nitrogen-reducing NSF-245 certified aerobic treatment unit.

Tim Born,
Florida
Department
of Health

Digitally signed by
Tim Born, Florida
Department of
Health
Date: 2025.09.11
15:59:17 -05'00'

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.

1834 BERMUDA/SP#05-SV-27/65336
Side Septic/Front Well > 75' Away/TB

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28 SOUTH, RANGE 30 EAST
1842 BERMUDA
SP#05-SV-15205
Rear Septic/Front Well
> 75' Away/TB
4' CHAIN-LINK FENCE
LOT 8
BLOCK 1877
(OCCUPIED)

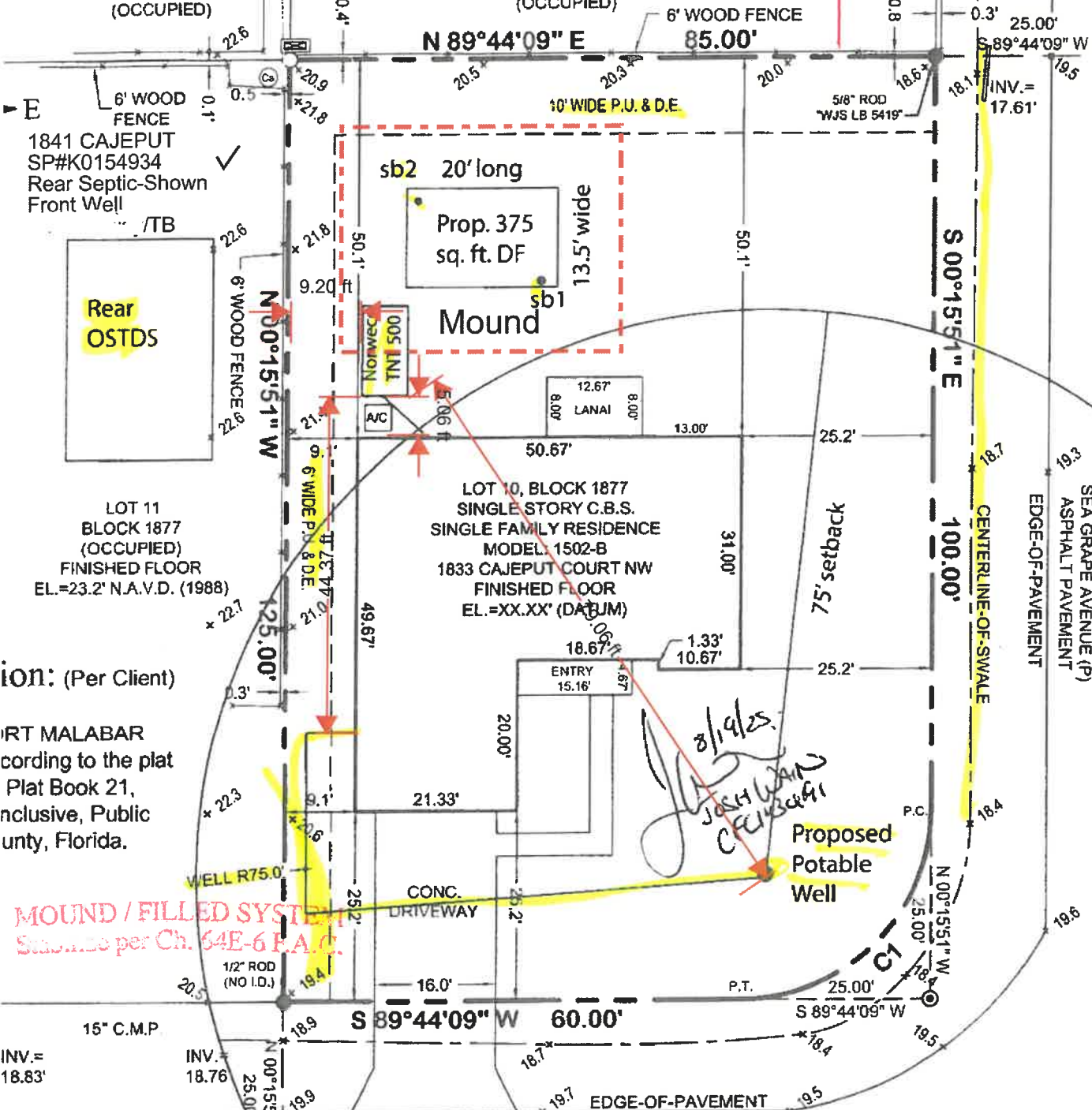
Front
well,
rear
septic

AUG 26 2025

Initial:

~29'
to
OSTDS

1826 BERMUDA/SP#2563583
L-4: B-1882
Side Septic/Rear Well
> 75' Away/TB



ion: (Per Client)
RT MALABAR
ording to the plat
Plat Book 21,
nclusive, Public
nty, Florida.

MOUND / FILLED SYSTEM
Stations per Ch. 64E-6 F.A.C.

EHS Approved Plot Plan
Post on Job Site
487.00'

Tim Born,
Florida
Department
t of Health

Digitally signed by Tim Born,
Florida Department of Health
Date: 2025.09.11 15:41:31
-0500'

1834 CAJEPUT
L-8: B-1878
SP#20136
Rear Septic/Front Well
Away/TB
SITE BENCHMARK
EL.=20.13'
N.A.V.D. (1988)

Cajeput Court NW

CURVE TABLE					
CURVE	RADIUS	DELTA	LENGTH	CHORD	CHORD BEARING
C1	25.00'	90°00'00"	39.27'	35.36'	S 44°44'09" W

SURVEYORS NOTES:

N.A.V.D. (1988) = NORTH AMERICAN VERTICAL DATUM (1988)
N.G.V.D. (1929) = NATIONAL GEODETIC VERTICAL DATUM (1929)

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AP2246345



STATE OF FLORIDA

Initial: sa

PERMIT #. _____

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

APPLICANT: ECOSUN HOMES AGENT: Drain MechanicsLOT: 10 BLOCK: 1877 SUBDIVISION: PORT MALABAR UNIT 41PROPERTY ID #: 28-36-33-01-1877-10 [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: ☒ YES [] NO NET USABLE AREA AVAILABLE: 0.24 ACRES
 TOTAL ESTIMATED SEWAGE FLOW: 300 GALLONS PER DAY [TABLE]
 AUTHORIZED SEWAGE FLOW: 360 GALLONS PER DAY [1500 GPD/ACRE]
 UNOBSTRUCTED AREA AVAILABLE: 1000 SQFT UNOBSTRUCTED AREA REQUIRED: 565 SQFT

BENCHMARK/REFERENCE POINT LOCATION: BM #2 91"
 ELEVATION OF PROPOSED SYSTEM SITE IS 1 [INCHES] [BELOW] BENCHMARK/REFERENCE POINT

THE MINIMUM SETBACK WHICH CAN BE MAINTAINED FROM THE PROPOSED SYSTEM TO THE FOLLOWING FEATURES
 SURFACE WATER: NA FT DITCHES/SWALES: 52 NA FT NORMALLY WET? [] YES ☒ NO
 WELLS: PUBLIC: NA FT LIMITED USE: NA FT PRIVATE: 79 FT NON-POTABLE: NA FT
 BUILDING FOUNDATIONS: 5 FT PROPERTY LINES: 9 FT POTABLE WATER LINES: 44 FT

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

SOIL PROFILE INFORMATION SITE 1

MUNSELL #/COLOR	TEXTURE	DEPTH
10YR 5/2	Sand	0 TO 6
10YR 6/2	Sand	6 TO 17
10YR 7/1	Sand	15 TO 28
10YR 7/2	Sand	28 TO 40
10YR 6/2	Sand	40 TO 58
Hole Caved	Refusal	58 TO 58
		TO
		TO
		TO
USDA SOIL SERIES: <u>Malabar</u>		

SOIL PROFILE INFORMATION SITE 2

MUNSELL #/COLOR	TEXTURE	DEPTH
10YR 5/2	Sand	0 TO 6
10YR 6/2	Sand	6 TO 17
10YR 7/1	Sand	15 TO 30
10YR 7/2	Sand	30 TO 41
10YR 6/2	Sand	41 TO 58
Hole Caved	Refusal	58 TO 58
		TO
		TO
		TO
USDA SOIL SERIES: <u>Malabar</u>		

OBSERVED WATER TABLE: 43 [INCHES BELOW] EXISTING GRADE. TYPE: [APPARENT] ESTIMATED
 WET SEASON WATER TABLE ELEVATION: 15 INCHES [BELOW] EXISTING GRADE
 HIGH WATER TABLE VEGETATION: [] YES ☒ NO WSWT Indicator: ☒ YES [] NO DEPTH: 15

SOIL TEXTURE/LOADING RATE FOR SYSTEM SIZING: 0.6/Sand DEPTH OF EXCAVATION: na INCHES
 DRAINFIELD CONFIGURATION: [] TRENCH ☒ BED [] OTHER (SPECIFY) _____
 REMARKS/ADDITIONAL CRITERIA: _____

Site #1: 92" EWSWT based on 10YR 7/1 stripping in 10YR 6/2 matrix at 15 inches in site #1.
 Site #2: 92"

SITE EVALUATED BY: Skylar Senti CEHP# 23-2176 DATE: 8/14/2025

DEP 4015, 06-21-2022 (Obsoletes previous editions which may not be used)

Incorporated: 62-6.004, FAC

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