



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

PERMIT #: 05-SV-2876970
 APPLICATION #: AP2051504
 DATE PAID: _____
 FEE PAID: _____
 RECEIPT #: _____
 DOCUMENT #: PR2112655

CONSTRUCTION PERMIT FOR: OSTDS New

APPLICANT: Santiago Sermeno

PROPERTY ADDRESS: 1621 Westlund Ave SE Palm Bay, FL 32909

LOT: 1 BLOCK: 927 SUBDIVISION: Port Malabar Unit 18

PROPERTY ID #: 29-37-16-GR-927-1 [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 [500] GALLONS / GPD New NSF-245 Aerobic Unit CAPACITY
 A [] GALLONS / GPD N/A CAPACITY
 N [] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK:1250 GALLONS]
 K [] GALLONS DOSING TANK CAPACITY [] GALLONS @ [] DOSES PER 24 HRS #Pumps []

D [500] SQUARE FEET New Bed Drainfield SYSTEM
 R [] SQUARE FEET N/A SYSTEM
 A TYPE SYSTEM: [] STANDARD [] FILLED [x] MOUND []
 I CONFIGURATION: [] TRENCH [x] BED []

F LOCATION OF BENCHMARK: Bm orange dot across street

I ELEVATION OF PROPOSED SYSTEM SITE [9.00] [INCHES] FT [ABOVE] BELOW] BENCHMARK/REFERENCE POINT
 E BOTTOM OF DRAINFIELD TO BE [23.00] [INCHES] FT [ABOVE] BELOW] BENCHMARK/REFERENCE POINT

D FILL REQUIRED: [32.00] INCHES EXCAVATION REQUIRED: [20] INCHES

O
 T
 H
 E
 R
 The system is sized for 4 bedrooms with a maximum occupancy of 8 persons (2 per bedroom), for a total estimated flow of 400 gpd. Nitrogen-reducing system installed to comply with current or future spring BMAP requirements. Nitrogen-reducing NSF-245 certified aerobic treatment unit. Issuance of this permit does not relieve the owner of meeting the permit requirements of county, municipal, or other legally constituted authorities. ALL PROPERTY LINES MUST BE CLEARLY MARKED AT TIME OF INSPECTION. Waterlines less than 10' from the OSTDS must be verified as Sched. (Comments Continued on Page 2.)

SPECIFICATIONS BY: Matthew Farrey TITLE: Environmental Specialist I

APPROVED BY: Matthew Farrey TITLE: Environmental Specialist I Brevard CHD

DATE ISSUED: 07/02/2024 EXPIRATION DATE: 01/02/2026

40 PVC or better construction by CHD. Potable water lines may not be installed within 2 ft of OSTDS. Stormwater runoff control is required to divert drainage from drainfield area if dripline of roof is less than 5' from drainfield. Maintain all setbacks, including 75' to potable wells. All wells must be installed and marked. 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. 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. Maintenance service agreement and Biennial OSTDS Operating Permit from CHD required. Audio and visual alarms must be installed and working. .

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.

AP2051504

1601 Waneta

Qv-2837107
Front Well
Rear Septic

1609 Waneta st
Front Well rear
Septic no objs

CERTIFIED TO:
SANTIAGO SERMENO
RADIUS=50.00'
CENTRAL ANGLE=90°00'00"
ARC LENGTH=78.54'

1600 Westland Ave
Vacant
NO RECORDS

1610 Westland
Vacant
NO RECORDS

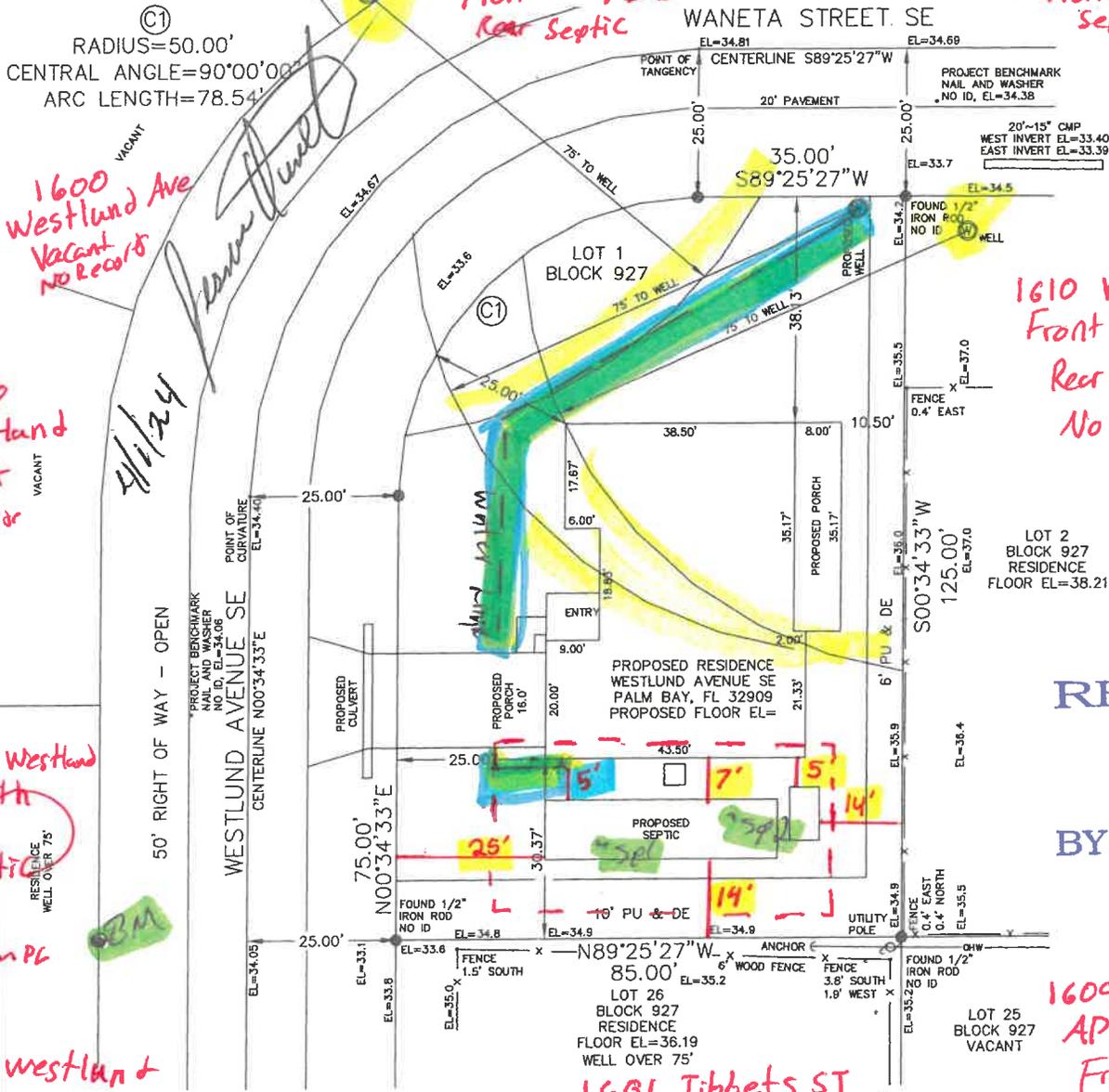
1610 Waneta st
Front well
Rear Septic PerMge
No records

1620 Westland
Google earth
Rear well
Front Septic
NO OBT
System > 75' from PL

1630 Westland
S Front well
Rear DF

1601 Tibbets ST
NO RECORDS
Rear Septic

1609 Tibbets ST
AP 2035086
Front well
Rear Septic



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APR 03 2024

BY: [Signature]

DESCRIPTION
LOT 1, BLOCK 927, PORT MALABAR UNIT EIGHTEEN ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK 15, PAGES 109 THRU 119 OF THE PUBLIC RECORDS OF BREVARD COUNTY, FLORIDA.

NOTES:

- 1.) BEARINGS BASED ON THE ASSUMPTION THAT THE CENTERLINE OF WANETA STREET SE BEARS N89°25'27"W PER PLAT OF PORT MALABAR UNIT EIGHTEEN.
- 2.) LOT DIMENSIONS ARE AS PLATTED(P) AND SURVEYED(S) UNLESS OTHERWISE NOTED.
- 3.) PROPERTY LIES WITHIN SECTION 16, TOWNSHIP 29 SOUTH, RANGE 37 EAST.
- 4.) PU & DE DENOTES PUBLIC UTILITIES AND DRAINAGE FACILITIES EASEMENT.
- 5.) ELEVATIONS "EL=34.38" BASED ON NATIONAL GEODETIC VERTICAL DATUM OF 1929.
- 6.) PARENT BENCHMARK, CITY OF PALM BAY BM 18-271, MAG NAIL C/L TOP OF WEST ENDWALL DRIVEWAY OVER PIPE (L-2, B-927) #1610 WANETA STREET, EL=35.243, NATIONAL GEODETIC VERTICAL DATUM OF 1929.
- 7.) NO ID DENOTES NO IDENTIFICATION.

MAP OF BOUNDARY SURVEY

F.A.C. CHAPTER 5J-17

GRAPHIC SCALE



(IN FEET)
1 INCH = 20 FEET

WJS WILLIAM J. SUITER
LAND SURVEYING, INC.

1849 CANOVA STREET SE. BILL@WJSUITER.COM
PALM BAY, FLORIDA 32909 (321) 728-0553 WJSUITER.COM

FLOOD ZONE X FLOOD INSURANCE RATE MAP NUMBER 12009C0660G.

REVISIONS

WHEN PRINTED THIS DOCUMENT IS NOT CONSIDERED SIGNED AND SEALED. THIS SURVEY IS ONLY VALID WHEN THE SIGNATURE CAN BE VERIFIED ON THE ELECTRONIC DOCUMENTS ONLY. THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED.

William J Suiter
Digitally signed by William J Suiter
Date: 2024.03.13 15:02:07 -04'00'

PROFESSIONAL SURVEYOR AND MAPPER IN RESPONSIBLE CHARGE
WILLIAM J. SUITER
FLORIDA CERTIFICATE NO. 4210
CERTIFICATE OF AUTHORIZATION #B 5419

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SURVEY DATE: MARCH 7, 2024

SCALE: 1" = 20'

FIELD BOOK: N/A

PAGE: N/A

JOB NUMBER: 24-34

0.07
0.10
0.11



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM
SITE EVALUATION AND SYSTEM SPECIFICATION

APPLICATION # AP2051504
PERMIT # 05-SV-2876970
DOCUMENT # SE2022600

APPLICANT: Santiago Sermeno

CONTRACTOR / AGENT: QUINTEROS CONSTRUCTION LLC

LOT: 1 BLOCK: 927

SUBDIVISION: Port Malabar Unit 18 ID#: 29-37-16-GR-927-1

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: 400 GALLONS PER DAY [RESIDENCES-TABLE1 / OTHER-TABLE 2]

AUTHORIZED SEWAGE FLOW: 435.0 GALLONS PER DAY [1500 GPD/ACRE OR 2500 GPD/ACRE]

UNOBSTRUCTED AREA AVAILABLE: 1000.00 SQFT UNOBSTRUCTED AREA REQUIRED: 750 SQFT

BENCHMARK/REFERENCE POINT LOCATION: Bm orange dot across street

ELEVATION OF PROPOSED SYSTEM SITE 9.00 [INCHES / FT] [ABOVE / 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: na FT NORMALLY WET: [] YES [X] NO
WELLS: PUBLIC: na FT LIMITED USE: na FT PRIVATE: 97 FT NON-POTABLE: na FT
BUILDING FOUNDATIONS: 5 FT PROPERTY LINES: 14 FT POTABLE WATER LINES: 5 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

Munsell #/Color	Texture	Depth
USDA SOIL SERIES: Myakka		
10YR 4/2	Sand	0 To 6
10YR 6/1	Sand	6 To 18
10YR 7/1	Sand	10 To 18
10YR 2/1	Spodic Material	18 To 20
10YR 3/3	Sand	20 To 32
10YR 5/3	Sand	32 To 55
10YR 2/1	Spodic Material	55 To 66
10YR 3/4	Sand	66 To 72

SOIL PROFILE INFORMATION SITE 2

Munsell #/Color	Texture	Depth
USDA SOIL SERIES: Myakka		
10YR 4/2	Sand	0 To 4
10YR 6/1	Sand	4 To 20
10YR 7/1	Sand	12 To 20
10YR 2/1	Sand	20 To 22
10YR 4/3	Sand	22 To 30
10YR 6/2	Sand	30 To 58
10YR 2/1	Spodic Material	58 To 68
10YR 3/4	Sand	68 To 74

OBSERVED WATER TABLE: 72.00 INCHES [ABOVE / BELOW] EXISTING GRADE TYPE: [PERCHED / APPARENT]

ESTIMATED WET SEASON WATER TABLE ELEVATION: 10 INCHES [ABOVE / BELOW] EXISTING GRADE

HIGH WATER TABLE VEGETATION: [] YES [X] NO MOTTLING: [X] YES [] NO DEPTH: 10.00 INCHES

SOIL TEXTURE/LOADING RATE FOR SYSTEM SIZING: Sand/0.60 DEPTH OF EXCAVATION: 20 INCHES

DRAINFIELD CONFIGURATION: [] TRENCH [X] BED [] OTHER (SPECIFY)

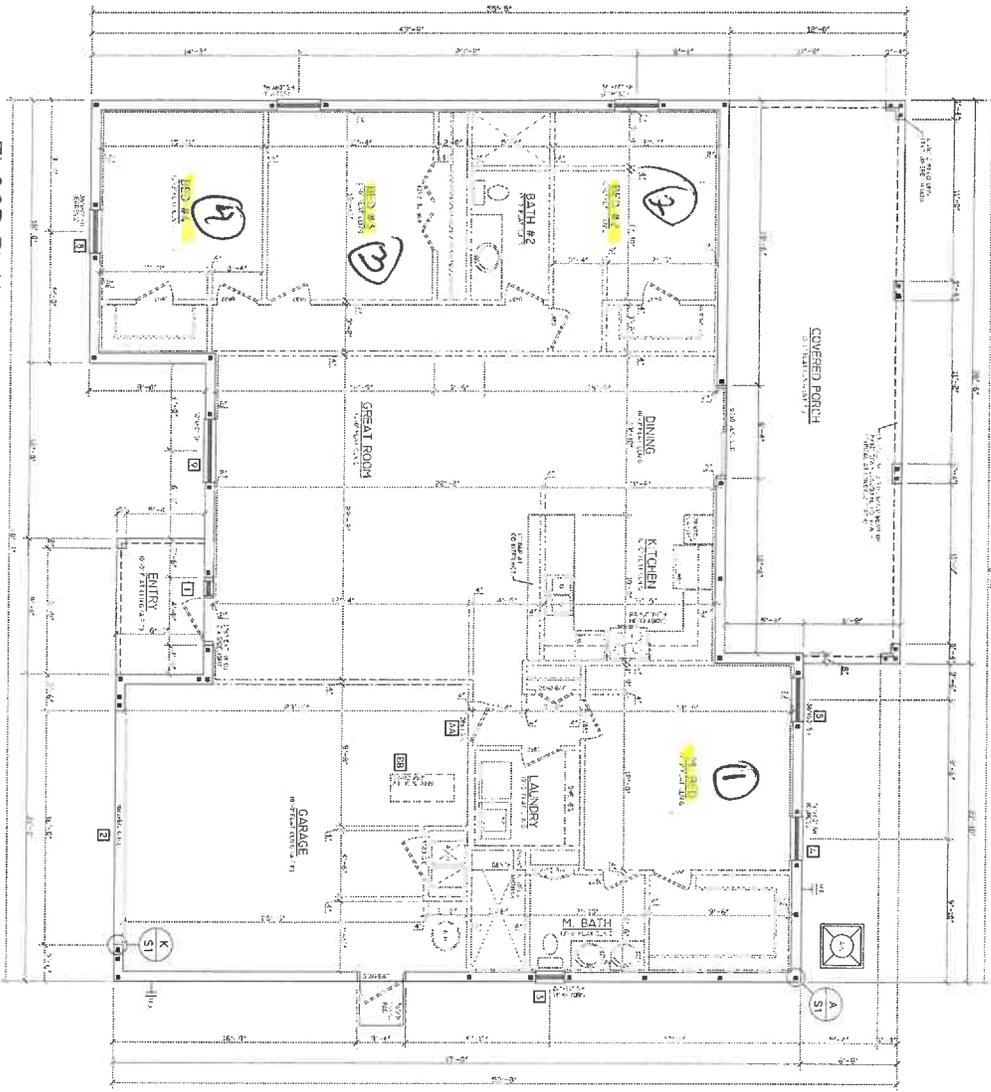
REMARKS/ADDITIONAL CRITERIA

BM:42 SP1:33 SP2:32
WSWT called for 6/1 7/1 stripping in SP1

SITE EVALUATED BY: Matthew Farrey DATE: 04/09/2024

Farrey, Matthew (Title: Environmental Specialist I) (FDOH in Brevard County)

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



FLOOR PLAN
SCALE: 1/4"=1'-0"

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EHS Approved Floor Plan
Initial/Date

BY: 
APR 03 2024

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APR051504

AREA	TABULATION (2-20-24)
LIVING	2046 SQ.FT.
GARAGE	496 SQ.FT.
ENTRY	55 SQ.FT.
COVERED PORCH	457 SQ.FT.
TOTAL	3057 SQ.FT.

THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY EDWARD F. SPINKS, PE ON THE DATE 04/03/2024. THE SIGNATURE AND SEAL MAY BE VERIFIED BY VISUALLY CHECKING THE SIGNATURE AND SEAL ON THE DRAWING. PRINTED COPIES OF THIS DOCUMENT ARE NOT VALID UNLESS THEY ARE VERIFIED BY VISUALLY CHECKING THE SIGNATURE AND SEAL ON THE DRAWING.

715 PALM BAY ROAD, STE. A PALM BAY, FL 32909 TEL: (321) 771-6710 FAX: (321) 771-6700 EMAIL: info@edcinc.com 973 LOR. 2011

EDC
ENGINEERING AND DESIGN CONCEPTS, INC.

-SFR FOR-
WANETA ST. SE
PALM BAY, FL 32909

A2
SHEET 2 OF 7

REVISIONS
