



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

PERMIT #: 64-SW-1589257
APPLICATION #: AP1177590
DATE PAID: _____
FEE PAID: _____
RECEIPT #: _____
DOCUMENT #: PR966529

CONSTRUCTION PERMIT FOR: OSTDS New
APPLICANT: O'Brien & Emma Edwards
PROPERTY ADDRESS: 502 Antelope Dr Deltona, FL 32738
LOT: 23 BLOCK: 129 SUBDIVISION: 04, Deltona Lakes
PROPERTY ID #: 813004170230 [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 [1,050] GALLONS / GPD Septic Tank 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 [667] SQUARE FEET Bed SYSTEM or
R [500] SQUARE FEET Trench SYSTEM
A TYPE SYSTEM: [x] STANDARD [] FILLED [] MOUND []
I CONFIGURATION: [x] TRENCH or [x] BED []

F LOCATION OF BENCHMARK: Metal Disc C/L Antelope Drive

I ELEVATION OF PROPOSED SYSTEM SITE [90.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT

E BOTTOM OF DRAINFIELD TO BE no lower than [60.00] [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT

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

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. Sloping lot; Soil cover above drainfield must be 6-18". The licensed contractor installing the system is responsible for installing the minimum category of tank in accordance with s. 64E-6.013(3)(f), FAC. NOTE- Prior to issuance of a Certificate of Occupancy and/or final approval this department must inspect for proper inlet/seal connection of the building sewer pipe into the septic tank. *NOTE -Front of house is setback 25' from the front property line.

SPECIFICATIONS BY: Albert J Royster AJR TITLE: Environmental Specialist I

APPROVED BY: JM Rae TITLE: Env. Supv Volusia CHD

DATE ISSUED: 03/06/2015 EXPIRATION DATE: 09/06/2016

DH 4016, 08/09 (Obsoletes all previous editions which may not be used)
Incorporated: 64E-6.003, FAC





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

APPLICATION # AP1177590
PERMIT # 64-SW-1589257
DOCUMENT # SE953181

APPLICANT: O'Brien & Emma Edwards

CONTRACTOR / AGENT: O'Brien & Emma Edwards

LOT: 23

BLOCK: 129

SUBDIVISION: 04, Deltona Lakes ID#: 813004170230

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: 0.29 ACRES
TOTAL ESTIMATED SEWAGE FLOW: 101 x 125 lot 400 GALLONS PER DAY [RESIDENCES-TABLE 1 / OTHER-TABLE 2]
AUTHORIZED SEWAGE FLOW: 724.98 GALLONS PER DAY [1500 GPD/ACRE OR 2500 GPD/ACRE]
UNOBSTRUCTED AREA AVAILABLE: 1350.00 SQFT UNOBSTRUCTED AREA REQUIRED: 1000.00 SQFT

BENCHMARK/REFERENCE POINT LOCATION: Metal Disc C/L Antelope Drive

ELEVATION OF PROPOSED SYSTEM SITE 90.00 [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 [] NO
WELLS: PUBLIC: NA FT LIMITED USE: NA FT PRIVATE: NA FT NON-POTABLE: NA FT
BUILDING FOUNDATIONS: 5 FT PROPERTY LINES: 5 FT POTABLE WATER LINES: 65 FT

SITE SUBJECT TO FREQUENT FLOODING? [] YES [] NO 10 YEAR FLOODING? [] YES [] NO

10 YEAR FLOOD ELEVATION FOR SITE: NA FT [MSL / NGVD] SITE ELEVATION: NA FT [MSL / NGVD]

SOIL PROFILE INFORMATION SITE 1 12

USDA SOIL SERIES: Paola fine sand, 0 to 8 percent

Munsell #/Color	Texture	Depth
10YR 6/1	Fine Sand	0 To 12
10YR 8/1	Fine Sand	12 To 24
10YR 7/6	Fine Sand	24 To 72

SOIL PROFILE INFORMATION SITE 2 12

USDA SOIL SERIES: Paola fine sand, 0 to 8 percent

Munsell #/Color	Texture	Depth
10YR 6/1	Fine Sand	0 To 6
10YR 8/1	Fine Sand	6 To 24
10YR 7/6	Fine Sand	24 To 72

BM 102

OBSERVED WATER TABLE: 73.00 INCHES [ABOVE / BELOW] EXISTING GRADE TYPE: [PERCHED / APPARENT]

ESTIMATED WET SEASON WATER TABLE ELEVATION: 73 INCHES [ABOVE / BELOW] EXISTING GRADE

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

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

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

REMARKS/ADDITIONAL CRITERIA

BM reading 102 site 1) 12 site 2) 12
Property slopes to the east.

SITE EVALUATED BY: Albert Royster

DATE: 03/04/2015

Royster, Albert (Title: Environmental Specialist I) (Department of Health in Volusia County)

DR 4015, 08/09 (Obsoletes previous editions which may not be used) Incorporated: 64E-6.001, FAC

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EID1589257

v 1.0.2

1589257

FLORIDA DEPARTMENT OF HEALTH

Permit # GH-SW-1589257

Plan Approved Not Approved

Date: 3-6-2015

By: [Signature]

Volusia County Health Department

Comments: 1:20 Scale

On-Site Features - Existing AND Proposed:

Property Lines and Easements	shown/none	Wells-All Types	shown/none
Potable Waterlines and Meters	shown/none	Surface Water	shown/none
Septic System Components	shown/none	Drainage Features	shown/none
Driveways and Walkways	shown/none	Filled Areas	shown/none
Building Foundations	shown/none	Slope of Lot	shown/none

Off-Site Features - On Adjacent Properties AND/OR Within (setback distance):

Public Wells (200')	shown/none	NonPotable Wells (50')	shown/none
Private Wells (75')	shown/none	Waterlines/Meters (10')	shown/none
Surface Water (75')	shown/none	Drainage Features (75')	shown/none
Septic Systems (75')	shown/none	To Scale or	Dimensions Shown?

Site Plan Submitted By: O'Brien Edward Date: 2-23-15