



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

PERMIT #: 66-S4-2445584
APPLICATION #: AP1784970
DATE PAID: _____
FEE PAID: _____
RECEIPT #: _____
DOCUMENT #: PR1739924

CONSTRUCTION PERMIT FOR: OSTDS New

APPLICANT: (Walton County Board of County Commissioners)

PROPERTY ADDRESS: State Hwy 20 Santa Rosa Beach, FL 32459

LOT: 1-7 BLOCK: D SUBDIVISION: Mullet Creek

PROPERTY ID #: 22-1S-21-41090-00D-0010 [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 [1,900] GALLONS / GPD _____ Septic Tank _____ CAPACITY
A [0] GALLONS / GPD _____ N/A _____ CAPACITY
N [0] GALLONS GREASE INTERCEPTOR CAPACITY [MAXIMUM CAPACITY SINGLE TANK:1250 GALLONS]
K [1,050] GALLONS DOSING TANK CAPACITY [145.83]GALLONS @[6]DOSES PER 24 HRS #Pumps [2]

D [547] SQUARE FEET _____ Drainfield _____ SYSTEM
R [547] SQUARE FEET _____ Drainfield _____ SYSTEM

A TYPE SYSTEM: [X] STANDARD [] FILLED [] MOUND [] _____

I CONFIGURATION: [X] TRENCH [] BED [] _____

N
F LOCATION OF BENCHMARK: Top of nail in tree with orange ribbon near proposed OSTDS

I ELEVATION OF PROPOSED SYSTEM SITE [16.00] [INCHES] FT [ABOVE / BELOW] BENCHMARK/REFERENCE POINT

E BOTTOM OF DRAINFIELD TO BE [46.00] [INCHES] FT [ABOVE / BELOW] BENCHMARK/REFERENCE POINT

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

O Variance approval granted 06/23/2022.
T Industrial Manufacturing operating permit required prior to final approval.
H Each pump serves 1/2 of required absorption area pumps to dose alternately.
E Pumps must be certified as suitable for distributing sewage effluent.
R Master Contractor or PE Design Required.
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.
Outlet filter required. Observe all setbacks. This office will need to verify proper connection of structure to septic tank

SPECIFICATIONS BY: Robert E King TITLE: Environmental Specialist III

APPROVED BY: *Crystal C Steele* TITLE: Environmental Manager Walton CHD
Crystal C Steele

DATE ISSUED: 06/24/2022 EXPIRATION DATE: 12/24/2023

DH 4016, 08/09 (Obsoletes all previous editions which may not be used)

Incorporated: 64E-6.003, FAC

A reinspection fee will be charged for additional inspections. To prevent soils smear and excessive soil compaction, drainfield shall NOT be installed in soils with textures finer than sand, loamy sand, or sandy loam when the soil moisture content is above the point at which the soil changes from semi-solid to plastic. Risers must be installed at access points at the top of the septic tank if cover exceeds 8 inches. Leave benchmark in place until final septic system approval is granted. OSTDS approval does not guarantee septic system performance.

Alarm required. Ensure alarm is in normal, operational condition at the time of inspection to avoid reinspection fees.

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.



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ON-SITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

PERMIT NO. AP1784970
DATE PAID: _____
FEE PAID: _____
RECEIPT #: _____

APPLICATION FOR:

New System Existing System Holding Tank Innovative
 Repair Abandonment Temporary _____

APPLICANT: Walton County Board of County Commissioners

AGENT: Dewberry Engineers Inc.

TELEPHONE: _____

MAILING ADDRESS: 877 County Road 393 North, Santa Rosa Beach, FL 32459

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3) (m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: 1-7 BLOCK: D SUBDIVISION: Mullet Creek PLATTED: 2-68A ^{02/08/1955} _{PER}

PROPERTY ID #: 22-1S-21-41090-00D-0010 ZONING: Residential ^{Rural Village} I/M OR EQUIVALENT: No Yes

PROPERTY SIZE: 11.41 ACRES WATER SUPPLY: PRIVATE PUBLIC <=2000GPD >2000GPD ^{Freeport}

IS SEWER AVAILABLE AS PER 381.0065, FS? No Yes DISTANCE TO SEWER: 107A FT

PROPERTY ADDRESS: Northwest quadrant of the intersection of Highway 20 and Western St.

DIRECTIONS TO PROPERTY: Located 4.77 miles east of the SR-20 and HWY-293 intersection along SR-20. Project is just 100-ft north of the Choctaw Beach Park.

BUILDING INFORMATION

RESIDENTIAL COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	Fire Station	7-Bunks	8,120	400 GPD; Max # of Employees = 7; Max # of Meals = 21 / shares
2				7x50 = 350
3				21x25 = 525 } 875 gp.
4				

Floor/Equipment Drains Other (Specify) N/A

SIGNATURE: _____

DATE: 2/11/2022



877 CR 393 North
 Santa Rosa Beach, FL 32459
 850.287.0759

CHOCTAW BEACH FIRE STATION
 BOARD OF COUNTY COMMISSIONERS
 WALTON COUNTY
 FLORIDA



ARDON M. HARRISON, P.E. 18509
 ENGINEER OF PROFESSIONAL ENGINEERING AND ARCHITECTURE
 2009 E. HIGHWAY 90, SUITE 100, SANTA ROSA BEACH, FL 32459

SCALE: 1" = 20'

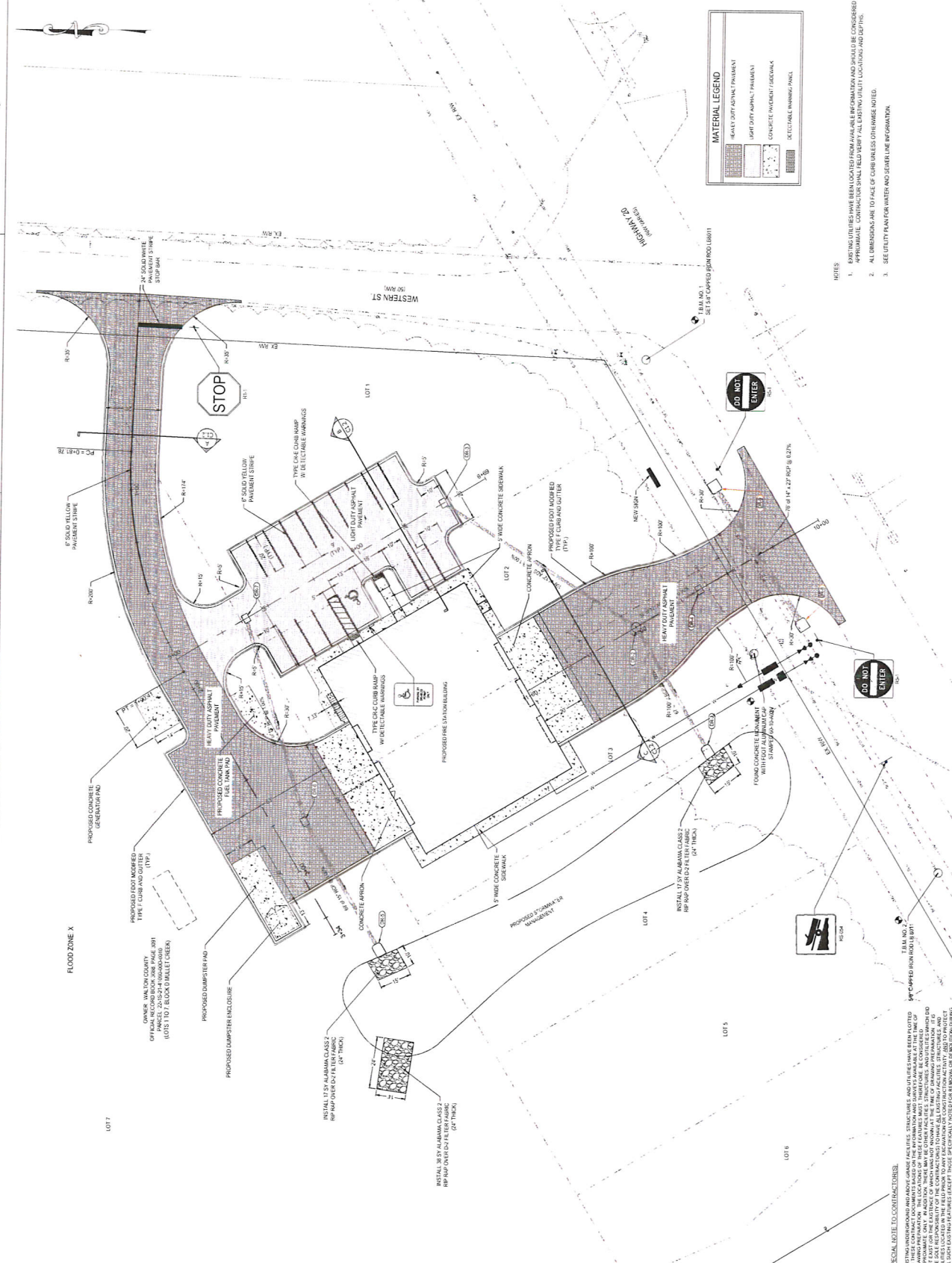


NO.	DESCRIPTION	DATE

DRAWN BY: _____ AMH
 APPROVED BY: _____ AMH
 CHECKED BY: _____ CLS
 DATE: _____ JANUARY 2022
 TITLE: **SITE PLAN**

PROJECT NO.: S17429
 SHEET NO.: **C5.2**
 SHEET NO.: _____

EXISTING UTILITIES HAVE BEEN LOCATED FROM AVAILABLE INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE. CONTRACTORS SHALL VERIFY ALL LOCATIONS (UTILITY LOCATIONS AND DEPTHS).
 ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
 SEE UTILITY PLANS FOR WATER AND SEWER LINE INFORMATION.



FLOOD ZONE X
 OWNER: WALTON COUNTY OFFICIALS
 PROJECT: 2018-24-11 (REAR) (LOTS 1 TO 7 BEYOND WALLEY CREEK)
 DATE: 1/20/22
 SHEET: C5.2

REVISIONS
 1. EXISTING UTILITIES HAVE BEEN LOCATED FROM AVAILABLE INFORMATION AND SHOULD BE CONSIDERED APPROXIMATE. CONTRACTORS SHALL VERIFY ALL LOCATIONS (UTILITY LOCATIONS AND DEPTHS).
 2. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
 3. SEE UTILITY PLANS FOR WATER AND SEWER LINE INFORMATION.

MATERIAL LEGEND
 HEAVY DUTY ASPHALT PAVEMENT
 LIGHT DUTY ASPHALT PAVEMENT
 CONCRETE PAVEMENT (SIDEWALKS)
 DETECTABLE WARNING PANEL



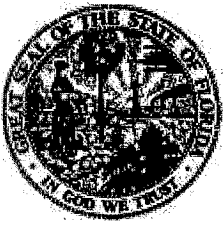
SCALE: 1" = 20'

NO.	DESCRIPTION	DATE

DRAWN BY: _____ AMH
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 DATE: _____ JANUARY 2022
 TITLE: **SITE PLAN**

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 ALL DIMENSIONS ARE TO FACE OF CURB UNLESS OTHERWISE NOTED.
 SEE UTILITY PLANS FOR WATER AND SEWER LINE INFORMATION.



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

APPLICATION # AP1784970

PERMIT # 66-S4-2445584

DOCUMENT # SE1656794

APPLICANT: Walton County Board of County Commissioners

CONTRACTOR / AGENT: Dewberry Engineers Inc

LOT: 1-7

BLOCK: D

SUBDIVISION: Mullet Creek ID#: 22-1S-21-41090-00D-0010

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: 11.41 ACRES

TOTAL ESTIMATED SEWAGE FLOW: 875 GALLONS PER DAY [RESIDENCES-TABLE1 / OTHER-TABLE 2]

AUTHORIZED SEWAGE FLOW: 28525.02 GALLONS PER DAY [1500 GPD/ACRE OR 2500 GPD/ACRE]

UNOBSTRUCTED AREA AVAILABLE: 5000.00 SQFT UNOBSTRUCTED AREA REQUIRED: 1641.00 SQFT

BENCHMARK/REFERENCE POINT LOCATION: Top of nail in tree with orange ribbon near proposed OSTDS

ELEVATION OF PROPOSED SYSTEM SITE 16.00 [INCHES / FT] [ABOVE / BELOW] BENCHMARK/REFERENCE POINT

THE MINIMUM SETBACK WHICH CAN BE MAINTAINED FROM THE PROPOSED SYSTEM TO THE FOLLOWING FEATURES

SURFACE WATER: N/A FT DITCHES/SWALES: 53 FT NORMALLY WET: YES NO

WELLS: PUBLIC: N/A FT LIMITED USE: N/A FT PRIVATE: N/A FT NON-POTABLE: N/A FT

BUILDING FOUNDATIONS: 108 FT PROPERTY LINES: +100 FT POTABLE WATER LINES: 136 FT

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

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

SOIL PROFILE INFORMATION SITE 1

USDA SOIL SERIES:Lakeland sand, 0 to 5 percent sl		
Munsell #/Color	Texture	Depth
10YR 4/6	Fine Sand	0 To 8
10YR 5/6	Sand	8 To 48
10YR 6/6	Sand	48 To 72

SOIL PROFILE INFORMATION SITE 2

USDA SOIL SERIES:Lakeland sand, 0 to 5 percent sl		
Munsell #/Color	Texture	Depth
10YR 5/4	Fine Sand	0 To 11
10YR 4/6	Sand	11 To 30
10YR 5/6	Sand	30 To 60
10YR 6/6	Sand	60 To 72

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

ESTIMATED WET SEASON WATER TABLE ELEVATION: >72 INCHES [ABOVE / BELOW] EXISTING GRADE

HIGH WATER TABLE VEGETATION: YES NO MOTTLING: YES NO DEPTH: N/A INCHES

SOIL TEXTURE/LOADING RATE FOR SYSTEM SIZING: Fine Sand/0.80 DEPTH OF EXCAVATION: N/A INCHES

DRAINFIELD CONFIGURATION: TRENCH BED OTHER (SPECIFY)

REMARKS/ADDITIONAL CRITERIA

SB1: 16" BBM; SB2: 58" BBM. Sunny Day. Area mapped lakeland with some possible dorovan-pamlico in area. Do not shift drainfields into this area if encountered. Soils in profiles consistent with lakeland sands. Tree clearing is required. Due to grading, a grinder pump to the septic tank, in addition to the lift dosing, may be required.

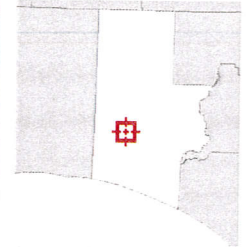
SITE EVALUATED BY:

King, Robert (Title: Environmental Specialist III) (Florida Department of Health in Walto

DATE: 03/01/2022



Overview



Legend

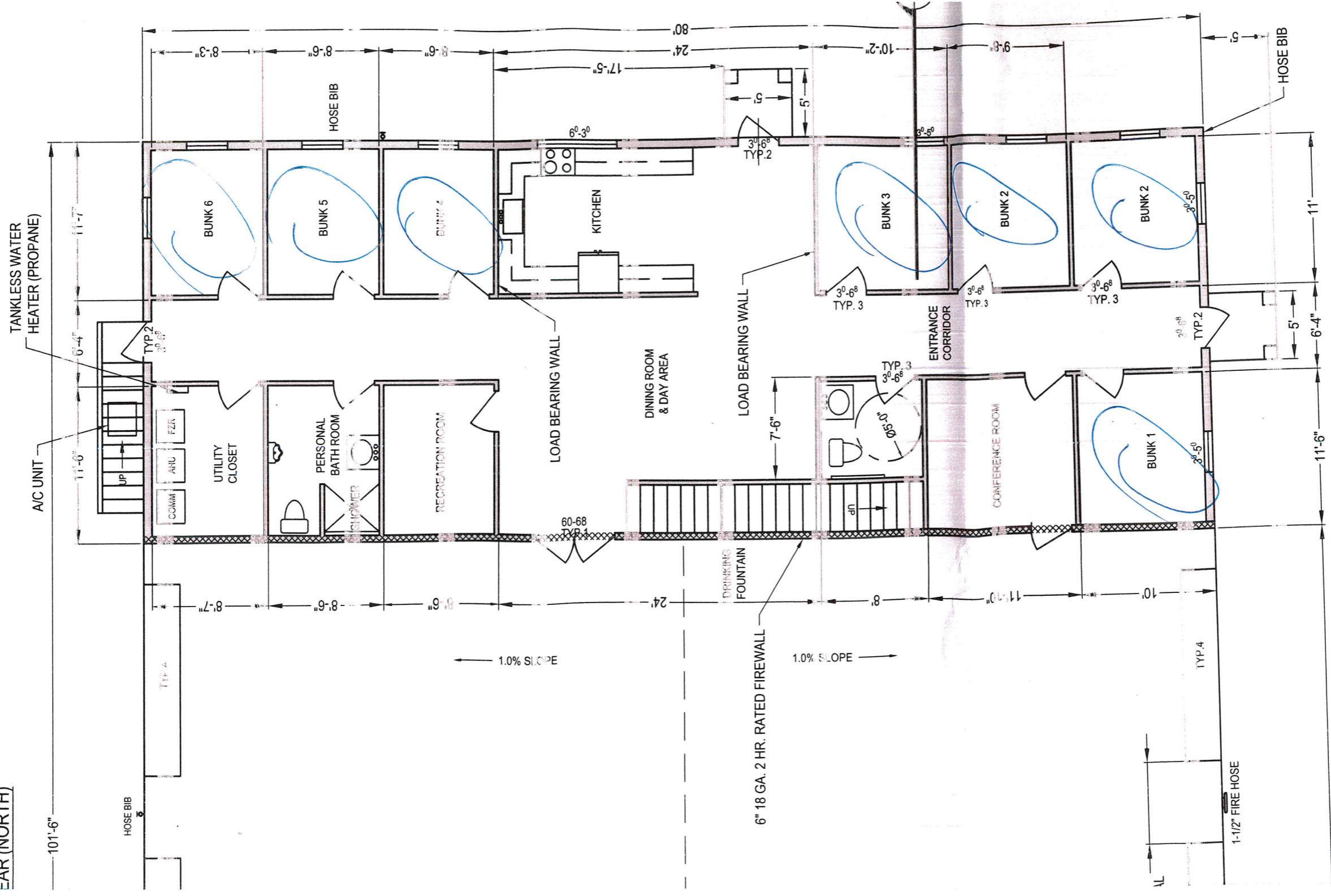
- City Labels
- Landmarks
- Parcels

Parcel Number	22-1S-21-41090-00D-0010	Physical Address	WALTON COUNTY	Building Value	\$0	Just Value	\$344,833	Last 2 Sales Date		Price		Vacant	Qual
Acreage	11.409	Mailing Address	76 N 6TH ST	Misc Value	\$0	Assessed Value	\$327,477	10/23/2018		\$306,000	Y	U	
Property Usage	COUNTY	Address	DEFUNIAK SPRINGS, FL 32433	Land Value	\$344,833	Exempt Value	\$327,477	7/24/2015	MLS	\$467,400	Y	U	
				Ag Land Value	\$0	Taxable Value	\$0						
				Ag Market Value	\$0								

Date created: 10/14/2021
 Last Data Uploaded: 10/13/2021 7:45:20 PM

Developed by  **Schneider**
 GEOSPATIAL

EAR (NORTH)



1ST FLOOR PLAN
FRONT (SOUTH)

Fire Department Sizing – Information received from Tallahassee 4.4.2021

This is the guidance we have given in the past:

- 50gpd per bed (like dormitory/work camp/residential other), this would cover meals
- If there are shift staff in addition to the around the clock staff, they would be 15 gpd per employee per 8-hour shift (add an extra 10 gpd if there are showers for 25 gpd)
- Add 5 gpd per meal served for the shift staff
- if they do maintenance and or wash the vehicles, this would be considered industrial waste and would need to be directed to DEP for how this water will be disposed of. There cannot be floor drains in industrial areas.

As regards to the laundry:

- Regular laundry in a regular washing machine does not have any special requirements or limitations (same as a residence, recommend spacing out loads throughout the week or upsizing system if that is not possible)
- PPE cannot be cleaned in the domestic-use laundry machine(s) connected to an OSTDS
- For the PPE, washing (including in an extractor) is under DEP jurisdiction (see attached previous guidance)
 - If the DEP will not be permitting a system to address the extractor wastewater, it will require a variance before it could be permitted for use with an OSTDS
- <https://bandctech.com/commercial-laundry-blog/2014/09/the-advantages-of-using-commercial-laundry-equipment-to-clean-ppe/>

$$\begin{array}{r} 7 \times 50 = 350 \\ 2 \times 25 = 525 \\ \hline 875 \text{ gpd.} \end{array}$$

Godwin, Charylene G

From: Mall, Rudolph <rmall@Dewberry.com>
Sent: Friday, March 4, 2022 9:35 AM
To: Godwin, Charylene G
Subject: RE: Fire station in Choctaw Beach

EXTERNAL EMAIL: DO NOT CLICK links or open attachments unless you recognize the sender and know the content is safe.

Hi Charylene,

Correction – I have been informed that PPE equipment WILL be washed in the onsite washing machines.

Rudy Mall, EI

Graduate Engineer
877 North County Highway 393
Santa Rosa Beach, FL 32459-5370
D 850.571.1249 C 850.635.2620



.....
in   
www.dewberry.com

From: Godwin, Charylene G <Charylene.Godwin@flhealth.gov>
Sent: Friday, March 4, 2022 8:32 AM
To: Mall, Rudolph <rmall@Dewberry.com>
Subject: Fire station in Choctaw Beach

[CAUTION] External Email. DO NOT click links or open attachments unless expected. Please use the "Phish Alert" button to report all suspicious emails.

Mr. mall, I am reviewing the application for this project and am just looking to clarify that the fire department employees will NOT be washing their PPE equipment or PPE clothing in the onsite washing machines.
Thank you.

Charylene Godwin, Environmental Supervisor II

Florida Department of Health - Walton County
362 State Road 83 N
Defuniak Springs, Florida 32433
(850) 892-8021 x 6363, fax 892-8025

DLCHD66EHWeb@flhealth.gov

Mission: To protect, promote & improve the health of all people in Florida through integrated state, county, & community efforts.

From: Mall, Rudolph
Sent: Friday, February 11, 2022 11:22 AM
To: King, Robert E <Robert.King@flhealth.gov>
Cc: Godwin, Charylene G <Charylene.Godwin@flhealth.gov>; Steele, Crystal C <Crystal.Steele@flhealth.gov>; Harrison, Aaron <aharrison@Dewberry.com>
Subject: RE: OSTDS - Walton County (Choctaw Beach Fire Station)

Hey Robert,

Thank you for reaching out. Below are the responses to the comments you recently provided.

- A site evaluation was attempted on 2/3/2022. During the site visit, no flag placement was denoted on site for the proposed septic system. Please indicate your proposed septic system area with the pink environmental flags available at the county health department.

RESPONSE: Flags will be placed sometime next week. I will notify you once the flags have been placed.

- Please ensure that the property lines are marked on site in order to determine proper placement of your proposed septic system. Please indicate any trees which will be removed or will be remaining in place near the septic system area so that a benchmark location can be established.

RESPONSE: Property corners and nearby trees will be marked at same time flag placement will be done.

- The provided floor plans show 7 bunks for this station. 6 are listed on your application. Bunk 2 appears to be labeled twice. Please clarify the number of bunks for the fire station, and update your application if required. Please also update your application to reflect the number of employees working around the clock, how many shift workers will be on site, and how many meals will be served daily on site in order to properly size your proposed septic system.

RESPONSE: The application and floor plan has been revised to state 7 bunks. The number of employees, shift workers, and meals have also been added to the revised application. The number of employees and shift workers will be the same. Please see attached application.

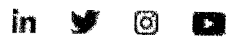
- Please clarify if any vehicle washing will occur on site. Are there any proposed floor drains for the fire station? Are there any hazardous materials, either through vehicle, equipment, or laundry usage, which will be entering the system at any time?

RESPONSE: All vehicle washing runoff will be captured and directed to the proposed stormwater facility via roadway inlets. There are no proposed floor drains within the fire station. No hazardous materials will be entering the system at any time.

Thank you,

Rudy Mall, EI

Graduate Engineer
877 North County Highway 393
Santa Rosa Beach, FL 32459-5370
D 850.571.1249 C 850.635.2620



www.dewberry.com

From: King, Robert E <Robert.King@flhealth.gov>
Sent: Tuesday, February 8, 2022 3:20 PM
To: Mall, Rudolph <rmall@Dewberry.com>
Cc: Godwin, Charylene G <Charylene.Godwin@flhealth.gov>; Steele, Crystal C <Crystal.Steele@flhealth.gov>
Subject: RE: OSTDS - Walton County (Choctaw Beach Fire Station)

(CAUTION) If you receive this email, DO NOT click links or open attachments, unless expected. Please use the "Plain Text" button to request all instructions email.

Good afternoon,

I am in need of some additional information for your proposed Fire Station in Choctaw Beach. Can you please refer to the attached information request. If you have any questions, please contact me at the Walton County Health Department. Thank you.

Robert E. King Sr.
Environmental Specialist III
Florida Department of Health Walton County
362 State Highway 83
DeFuniak Springs, FL 32433
Office number: 850-401-6362
Cell: 850-699-9725
Fax number: 850-892-8025
Robert.King@FLHealth.gov

Mission: To protect, promote & improve the health of all people in Florida through integrated state, county and community efforts.

Please Note: Florida has a very broad public records law. Most written communication to or from state officials regarding state business are public records available to the public and media upon request. Your email communication may therefore be subject to public disclosure.

From: Steele, Crystal C <Crystal.Steele@flhealth.gov>
Sent: Tuesday, February 8, 2022 3:12 PM
To: King, Robert E <Robert.King@flhealth.gov>
Subject: FW: OSTDS - Walton County (Choctaw Beach Fire Station)

Crystal Steele, PG, REHP
Environmental Manager
Florida Department of Health Walton County
Phone: 850-892-8021
362 State Hwy 83
DeFuniak Springs, FL

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From: Mall, Rudolph <rmall@Dewberry.com>
Sent: Monday, January 10, 2022 10:29 AM
To: DL CHD66 EHWeb <DLCHD66EHWeb@flhealth.gov>
Cc: Harrison, Aaron <aharrison@Dewberry.com>
Subject: FW: OSTDS - Walton County (Choctaw Beach Fire Station)

EXTERNAL EMAIL: DO NOT CLICK links or open attachments unless you recognize the sender and know the content is safe.

Hello,

Please find attached signed OSTDS permit application and supplemental documents for the proposed Choctaw Beach Fire Station. The project includes the construction of a new 8,120-sf fire station and parking lot for the Walton County Fire Department. The project site is located northwest of the intersection of SR-20 and Western Street, located in Choctaw Beach, Walton County, Florida. The property is approximately 11 acres and is identified by parcel # 22-1S-21-41090-00D-0010 based on Walton County Property Appraiser data. The existing site is undeveloped and consists of woods with thin stand.

Please let me know if you need any additional information.

Rudy Mall, EI

Graduate Engineer
877 North County Highway 393
Santa Rosa Beach, FL 32459-5370
D 850.571.1249 C 850.635.2620



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From: Mall, Rudolph
Sent: Monday, January 10, 2022 10:24 AM
To: DLCHD66EHDWeb@flhealth.gov
Cc: Harrison, Aaron <aharrison@Dewberry.com>
Subject: OSTDS - Walton County (Choctaw Beach Fire Station)

Hello,

Please find attached signed OSTDS permit application and supplemental documents for the proposed Choctaw Beach Fire Station. The project includes the construction of a new 8,120-sf fire station and parking lot for the Walton County Fire Department. The project site is located northwest of the intersection of SR-20 and Western Street, located in Choctaw Beach, Walton County, Florida. The property is approximately 11 acres and is identified by parcel # 22-1S-21-41090-00D-0010 based on Walton County Property Appraiser data. The existing site is undeveloped and consists of woods with thin stand.

Please let me know if you need any additional information.

Rudy Mall, EI

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877 North County Highway 393
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King, Robert E

From: Mall, Rudolph <rmall@Dewberry.com>
Sent: Friday, February 25, 2022 7:49 AM
To: King, Robert E
Cc: Godwin, Charylene G; Steele, Crystal C; Harrison, Aaron
Subject: RE: OSTDS - Walton County (Choctaw Beach Fire Station)

EXTERNAL EMAIL: DO NOT CLICK links or open attachments unless you recognize the sender and know the content is safe.

Thank you.

Rudy Mall, EI

Graduate Engineer
877 North County Highway 393
Santa Rosa Beach, FL 32459-5370
D 850.571.1249 C 850.635.2620



.....

www.dewberry.com

From: King, Robert E <Robert.King@flhealth.gov>
Sent: Thursday, February 24, 2022 4:21 PM
To: Mall, Rudolph <rmall@Dewberry.com>
Cc: Godwin, Charylene G <Charylene.Godwin@flhealth.gov>; Steele, Crystal C <Crystal.Steele@flhealth.gov>
Subject: RE: OSTDS - Walton County (Choctaw Beach Fire Station)

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No sir. I believe I can get this now. I will work to get this expedited for you. Thank you.

Robert E. King Sr.
Environmental Specialist III
Florida Department of Health Walton County
362 State Highway 83
DeFuniak Springs, FL 32433
Office number: 850-401-6362
Cell: 850-699-9725
Fax number: 850-892-8025
Robert.King@FLHealth.gov

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Subject: RE: OSTDS - Walton County (Choctaw Beach Fire Station)

EXTERNAL EMAIL: DO NOT CLICK links or open attachments unless you recognize the sender and know the content is safe.

Hey Robert – just touching base. Do you need anything else from us?

Rudy Mall, EI

Graduate Engineer
877 North County Highway 393
Santa Rosa Beach, FL 32459-5370
D 850.571.1249 C 850.635.2620



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www.dewberry.com

From: Mall, Rudolph
Sent: Thursday, February 17, 2022 10:26 AM
To: King, Robert E <Robert.King@flhealth.gov>
Cc: Godwin, Charylene G <Charylene.Godwin@flhealth.gov>; Steele, Crystal C <Crystal.Steele@flhealth.gov>; Harrison, Aaron <aharrison@Dewberry.com>
Subject: RE: OSTDS - Walton County (Choctaw Beach Fire Station)

Robert,

Site has been flagged. See pics below for instructions. Following the marked trees will lead you to the septic area.



Figure 1: Vehicle Entrance Flag (Western St.)

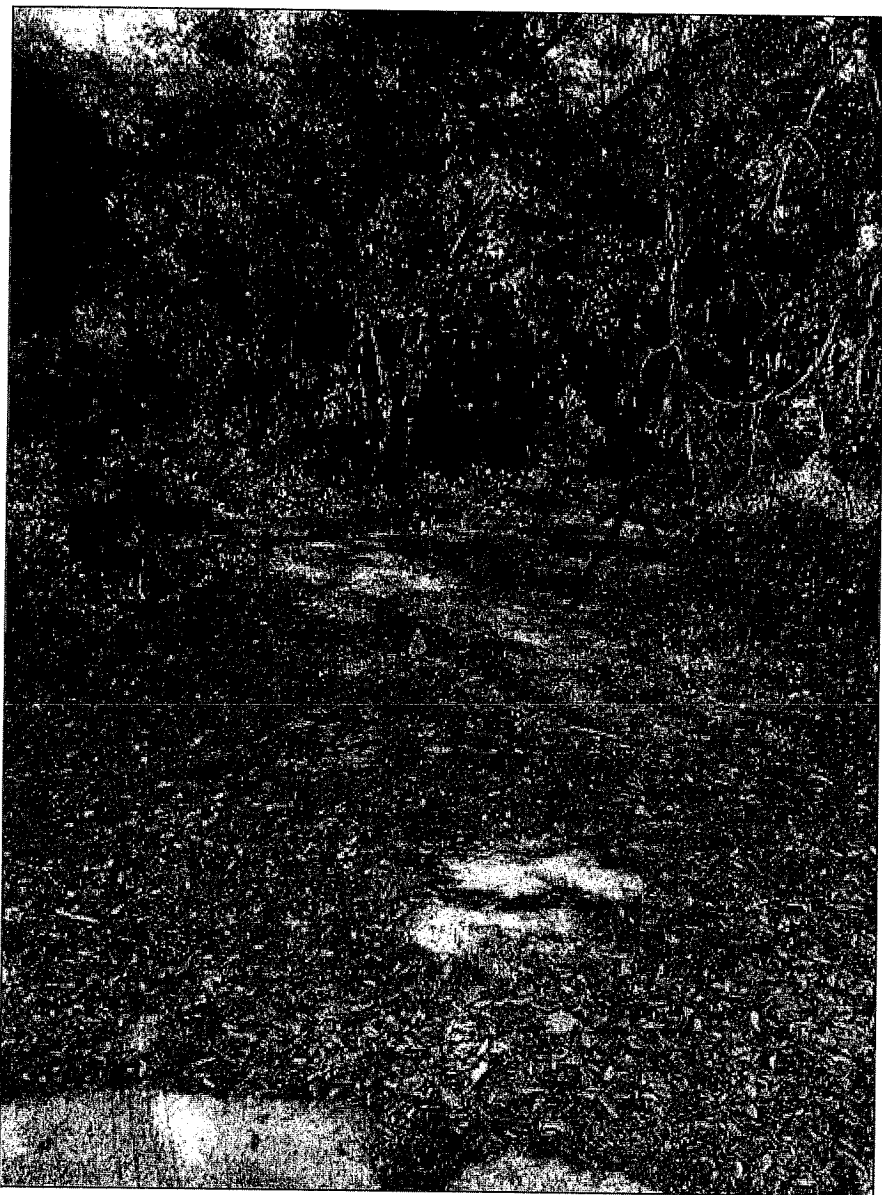


Figure 2: Path Direction to Septic from Vehicle Entrance

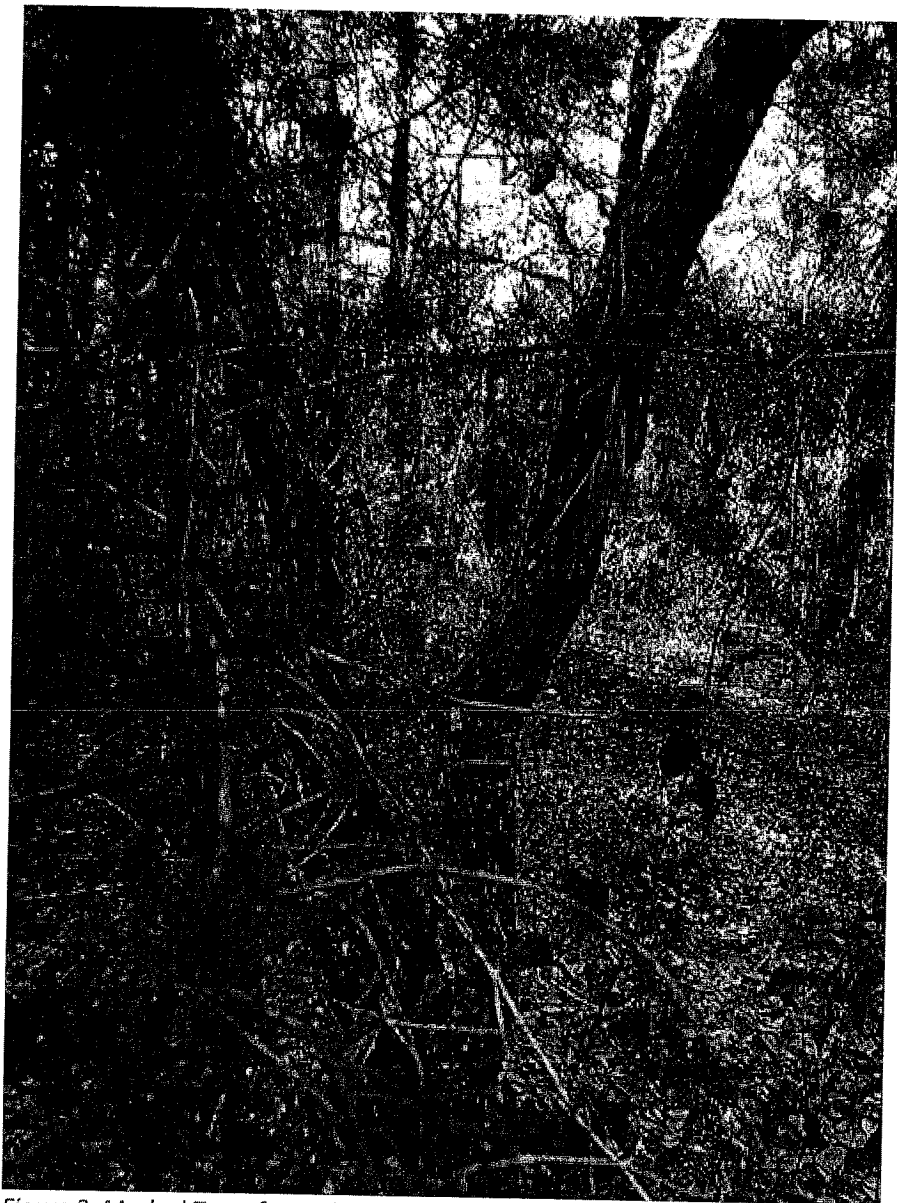


Figure 3: Marked Trees for Path to Septic

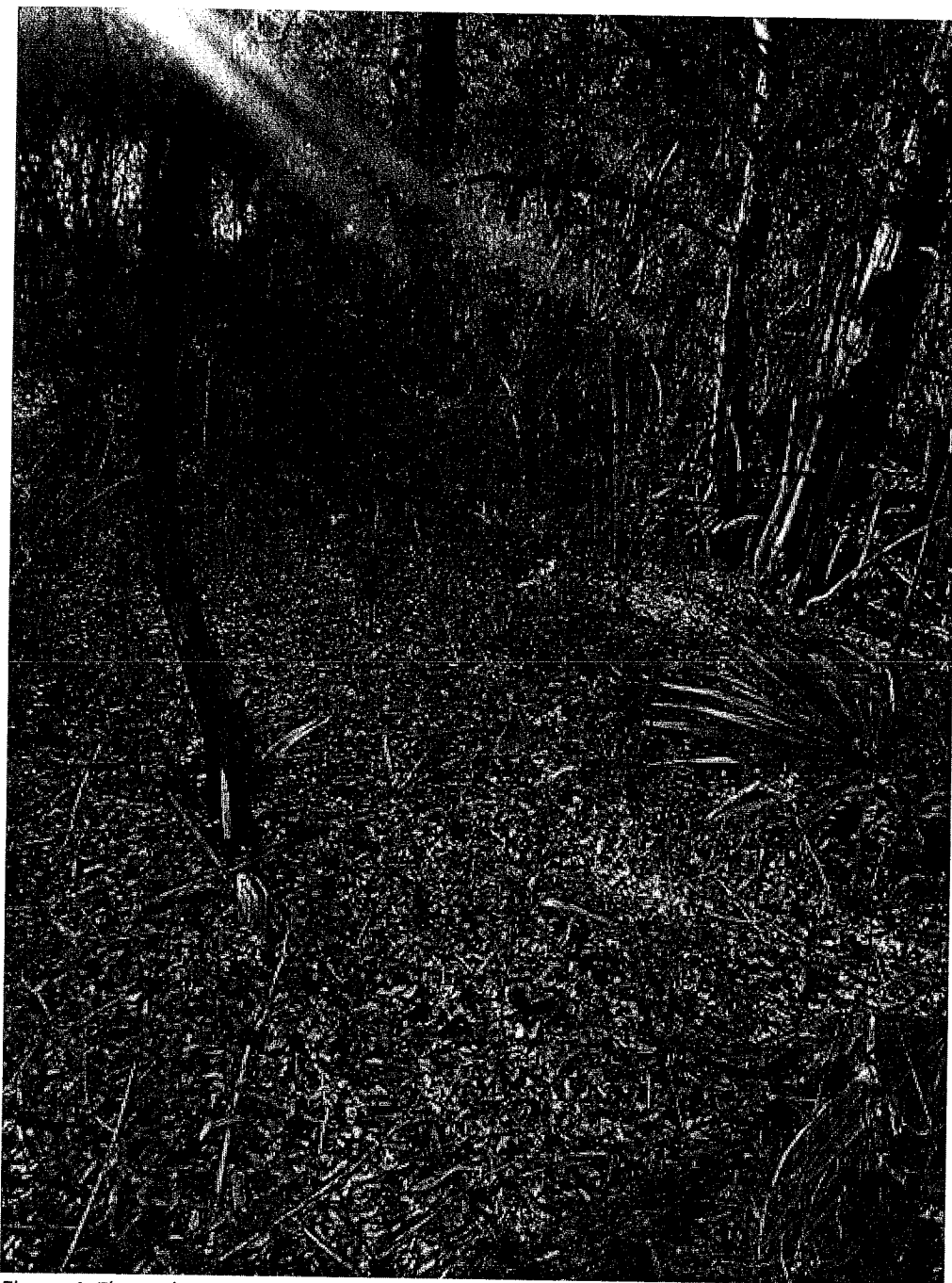


Figure 4: Flagged Septic Area

Rudy Mall, EI

Graduate Engineer

877 North County Highway 393

Santa Rosa Beach, FL 32459-5370

D 850.571.1249 C 850.635.2620

 **Dewberry**

King, Robert E

From: King, Robert E
Sent: Tuesday, February 8, 2022 3:20 PM
To: rmall@Dewberry.com
Cc: Godwin, Charylene G; Steele, Crystal C
Subject: RE: OSTDS - Walton County (Choctaw Beach Fire Station)
Attachments: AP 1784970.pdf

Good afternoon,

I am in need of some additional information for your proposed Fire Station in Choctaw Beach. Can you please refer to the attached information request. If you have any questions, please contact me at the Walton County Health Department. Thank you.

Robert E. King Sr.
Environmental Specialist III
Florida Department of Health Walton County
362 State Highway 83
DeFuniak Springs, FL 32433
Office number: 850-401-6362
Cell: 850-699-9725
Fax number: 850-892-8025
Robert.King@FLHealth.gov

Mission: To protect, promote & improve the health of all people in Florida through integrated state, county and community efforts.

Please Note: Florida has a very broad public records law. Most written communication to or from state officials regarding state business are public records available to the public and media upon request. Your email communication may therefore be subject to public disclosure.

From: Steele, Crystal C <Crystal.Steele@flhealth.gov>
Sent: Tuesday, February 8, 2022 3:12 PM
To: King, Robert E <Robert.King@flhealth.gov>
Subject: FW: OSTDS - Walton County (Choctaw Beach Fire Station)

Crystal Steele, PG, REHP
Environmental Manager
Florida Department of Health Walton County
Phone: 850-892-8021
362 State Hwy 83
DeFuniak Springs, FL

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From: Mall, Rudolph <rmall@Dewberry.com>
Sent: Monday, January 10, 2022 10:29 AM
To: DL CHD66 EHWeb <DLCHD66EHWeb@flhealth.gov>
Cc: Harrison, Aaron <aharrison@Dewberry.com>
Subject: FW: OSTDS - Walton County (Choctaw Beach Fire Station)

EXTERNAL EMAIL: DO NOT CLICK links or open attachments unless you recognize the sender and know the content is safe.

Hello,

Please find attached signed OSTDS permit application and supplemental documents for the proposed Choctaw Beach Fire Station. The project includes the construction of a new 8,120-sf fire station and parking lot for the Walton County Fire Department. The project site is located northwest of the intersection of SR-20 and Western Street, located in Choctaw Beach, Walton County, Florida. The property is approximately 11 acres and is identified by parcel # 22-1S-21-41090-00D-0010 based on Walton County Property Appraiser data. The existing site is undeveloped and consists of woods with thin stand.

Please let me know if you need any additional information.

Rudy Mall, EI

Graduate Engineer
877 North County Highway 393
Santa Rosa Beach, FL 32459-5370
D 850.571.1249 C 850.635.2620



www.dewberry.com

From: Mall, Rudolph
Sent: Monday, January 10, 2022 10:24 AM
To: DLCHD66EHDWeb@flhealth.gov
Cc: Harrison, Aaron <aharrison@Dewberry.com>
Subject: OSTDS - Walton County (Choctaw Beach Fire Station)

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Please let me know if you need any additional information.

Rudy Mall, EI

Graduate Engineer

877 North County Highway 393
Santa Rosa Beach, FL 32459-5370
D 850.571.1249 C 850.635.2620



.....
   
www.dewberry.com

Visit Dewberry's website at www.dewberry.com If you've received this email even though it's intended for someone else, then please delete the email, don't share its contents with others, and don't read its attachments. Thank you.

King, Robert E

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Please let me know if you need any additional information.

Rudy Mall, EI

Graduate Engineer
877 North County Highway 393
Santa Rosa Beach, FL 32459-5370
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[in](#) [Twitter](#) [Instagram](#) [YouTube](#)
www.dewberry.com

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Rudy Mall, EI

Graduate Engineer

877 North County Highway 393
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GEOTECHNICAL ENGINEERING
CONSULTANTS

GEOTECHNICAL ENGINEERING REPORT

CHOCTAW BEACH FIRE DEPARTMENT
WALTON COUNTY, FLORIDA

PREPARED FOR:

Mr. RUDY MALL, E.I.
DEWBERRY ENGINEERS INC.
877 CR 393 NORTH
SANTA ROSA BEACH, FLORIDA 32459

429 FLORIDA AVENUE
LYNN HAVEN, FLORIDA 32444
TELEPHONE (850) 258.0994



MAGNUM ENGINEERING INC
GEOTECHNICAL ENGINEERING
CONSULTANTS

November 12, 2021

Mr. Rudy Mall, E.I.
Dewberry Engineers Inc.
877 CR 393 North
Santa Rosa Beach, Florida 32459

SUBJECT: Choctaw Beach Fire Department - Geotechnical Services for Roadway and Stormwater Ponds
Walton County, Florida
MEI Project No. M121-109-174

Dear Mr. Mall:

This letter forwards the results of the geotechnical services performed for the proposed Choctaw Beach Fire Department in Walton County, Florida. The purpose of this exploration was to determine soil types, groundwater depths, and the estimated seasonal high groundwater levels in the proposed roadway and stormwater pond areas. In addition, site/soil preparation recommendations and pavement recommendations have been provided for the proposed roadways.

Project Description and Scope of Work

The subject site is located at north of State Road 20 and west of Western Street in Walton County, Florida. At the time of our exploration, the site was undeveloped and wooded with light to medium dense undergrowth. Access onto the site was fairly easy for our men and equipment.

Our exploration consisted of Four (4) 5-feet to 10-feet deep hand auger borings in the proposed roadway and stormwater pond area(s) and One (1) Double Ring Infiltrometer (DRI) test in the proposed stormwater pond area.

Subsurface Conditions

Figure #1 shows the boring location plan and Figure #2 shows the Logs of Borings designated as HA-1 through HA-4. The subsurface conditions encountered in the test boring will be discussed in general terms below.

The roadway and pond borings (HA-1 through HA-4) generally encountered gray, tan, and brown slightly silty fine sands from the ground surface to the boring termination depth of 5-feet and 10-feet below existing grade.

The above subsurface descriptions are of a generalized nature, provided to highlight the major soil strata encountered. The Logs of Boring should be reviewed for specific subsurface conditions at each boring location. The stratifications shown on the Logs of Boring represent the subsurface conditions at the actual boring locations only, and variations in the subsurface conditions can and may occur between boring locations and should therefore be expected. The stratifications represent the approximate boundary between subsurface materials, and the transitions between strata may be gradual. Please refer to the attached Logs of Boring for a more detailed profile of the soils encountered.

Groundwater Conditions

Groundwater was not encountered at the time of drilling (October 20, 2021), which was during a period of above normal seasonal rainfall. By definition, the normal seasonal high groundwater table elevation is the highest level of the saturated zone in the soil during a year with normal rainfall. The procedure used in estimating the seasonal high groundwater table is based on adjusting the existing groundwater table encountered upward or downward and taking into consideration factors such as antecedent rainfall, redoximorphic features (identifying soil mottling) and vegetative indicators. The following Table #1 provides the groundwater levels and estimated seasonal high groundwater levels at each boring location. Groundwater levels will fluctuate with rainfall and could vary several feet during typical seasonal fluctuations. Larger fluctuations are possible under severe weather conditions.

TABLE #1
GROUNDWATER DATA

TEST LOCATION	DEPTH TO EXISTING GROUNDWATER TABLE (ft)	DEPTH TO ESTIMATED SEASONAL HIGH GROUNDWATER TABLE (ft)
HA-1	>10.0 feet	>10.0 feet
HA-2	>5.0 feet	>5.0 feet
HA-3	>5.0 feet	>5.0 feet
HA-4	>5.0 feet	>5.0 feet

General

The following geotechnical related design recommendations have been developed on the basis of the previously described project characteristics and subsurface conditions encountered. If there are any changes in these project criteria, including project location on the site, a review should be made by Magnum Engineering to determine if modifications to the recommendations are warranted.

Once final design plans and specifications are available, a general review by Magnum Engineering is recommended as a means to check that the evaluations made in preparation of this report are correct and that earthwork and foundation recommendations are properly interpreted and implemented

Site Preparation

The site should be cleared and grubbed of surface vegetation and any other deleterious material. As a minimum, it is recommended the clearing operations extend at least five feet beyond the development perimeters.

The subgrade soils should be compacted to at least 95 percent of the Modified Proctor (ASTM D-1557) maximum dry density to a depth of 12 inches below footing and floor slab bottoms.

Fill and backfill, if required to raise site to final grades, should consist of sandy soils with less than 15 percent passing the No. 200 sieve. These soils should be free of rubble, organics, clay, debris and other unsuitable material. Fill should be placed in lifts on the order of 12 inches or less (in loose thickness) and compacted to 95 percent of the soil's Modified Proctor maximum dry density, per ASTM D-1557.

Prior to placing fill soils, where applicable, the top of the ground surface should be compacted to a minimum soil density of 95% of the Modified Proctor Test (ASTM D1557).

**Choctaw Beach Fire Department - Geotechnical Services for Roadway and Stormwater Ponds
Walton County, Florida
Page 3 of 5**

Structural fill soils should be placed in maximum 12-inch lifts and compacted to a minimum soil density of 95% of the Modified Proctor Test (ASTM D1557). The top 12 inches of subgrade should be compacted to a minimum soil density of 98% of the Modified Proctor Test (ASTM D1557). The top 12 inches of subgrade should have a minimum LBR value of 40. We recommend that structural fill soils, where planned, have a minimum LBR of 40.

Pavement Recommendations

Based on the subsurface conditions encountered in the test borings, we recommend using a graded aggregate base (i.e. limerock or crushed concrete). The base course should be compacted to a minimum soil density of 98% of the Modified Proctor Test (ASTM D1557).

Without benefit of traffic loads, volumes, and serviceability parameters, a pavement section cannot be designed. However, typical pavements in the local area generally consist of a minimum of 1½ inches of FDOT Superpave Mix SP-12.5 or SP-9.5 asphaltic concrete and a minimum of 6 inches of base. Moderate duty traffic areas (e.g. main entrance areas) typically have a minimum pavement section consisting of 2 inches of FDOT Superpave Mix SP-12.5 asphaltic concrete and 8 inches of base.

While specific traffic loads and volumes for the project have not been provided, we are providing recommended light-duty and medium-duty pavement sections, which have been successfully utilized for this type of commercial development in the Northwest Florida area.

Light Duty (General roadway areas)

- 1 ½ inches Asphalt Concrete (FDOT Superpave Mix SP-12.5 or SP-9.5)
- 6 inches Crushed Limerock or Graded Aggregate Base
- 12 inches stabilized subgrade (minimum LBR 40)

Medium Duty (Entrance Lanes, Dumpster Pads)

- 2 inches Asphaltic Concrete (FDOT Superpave Mix SP-12.5)
- 8 inches Crushed Limerock or Graded Aggregate Base
- 12 inches Stabilized Subgrade (minimum LBR 40)

The above recommended pavement sections represent minimum design thicknesses and, as such, periodic maintenance should be anticipated. Also, these recommended pavement sections should be confirmed or modified by your Civil Engineer, based on actual traffic and the owner's requirements. The pavement section materials and construction should comply with the Florida DOT and local municipality requirements.

Double Ring Infiltrometer Test

One (1) Double Ring Infiltrometer test was performed in the field in general accordance with the procedures outlined in ASTM D-3385, "Infiltration Rate of Soils in Field using Double Ring Infiltrometers". Testing consisted of initially clearing all surface vegetation and topsoil from within the test area. The Infiltration test were performed approximately 2 feet below existing grade at location DRI-1. The outer ring, which is approximately 24 inches in diameter, was then driven to a depth of 6 inches below the exposed ground surface. The inner ring, approximately 12 inches in diameter, was then centrally located within the outer ring and driven to a depth of 2 inches. The two rings were then simultaneously filled with water to a height of 4 inches above the exposed ground surface test soils. The water level was maintained at this height throughout the test period, with the required amount of water added to maintain this level in both rings recorded at time intervals of 5 minutes.

The infiltration rate for the inner ring and the annular space between the rings is determined by dividing (a) the water volume used (within each specific area) during the stabilized flow period of the test, by (b) the specific area and (c) the time interval. Infiltration rates are generally converted to units of inches per hour. The infiltration rate for the inner ring, if different than the infiltration rate of the annular area between the rings, according to ASTM, should be used as the infiltration rate for the soils.

INFILTRATION DATA

LOCATION	ORIENTATION	TEST DEPTH (feet)	SUSTAINED INFILTRATION RATE (in/hr)
DRI-1	K _v (unsaturated)	2.0	32.1 inches/hour*

Note: The above infiltration rate has not been factored and is up to the designer to apply an appropriate factor of safety.

We recommend using a transformation ratio of 1 horizontal to 1 vertical (i.e. the estimated ratio of horizontal to vertical permeability).

ENVIRONMENTAL RESOURCE PERMITTING (ERP) DESIGN PARAMETERS

DESCRIPTION	LOCATION	DESIGN PARAMETER
SUSTAINED INFILTRATION RATE (K _{vu})	DRI-1	32.1 inches/hour*
TEST DEPTH	DRI-1	2.0 feet
FILLABLE POROSITY	DRI-1	30%
DEPTH TO EXISTING GROUNDWATER TABLE	DRI-1	>10.0 feet
DEPTH TO ESTIMATED SEASONAL HIGH GROUNDWATER TABLE	DRI-1	>10.0 feet
DEPTH TO CONFINING LAYER	DRI-1	> 20 FT BELOW EXISTING GRADE**

* The above infiltration rate has not been factored and it is up to the designer to apply an appropriate factor of safety.

**Based on our experience with soils in the general area

Warranty and Limitations of Study

Our professional services have been performed, our findings obtained, and our recommendations prepared in accordance with generally accepted geotechnical engineering principles and practices. This warranty is in lieu of all other warranties, either expressed or implied. Magnum Engineering, Inc. is not responsible for the independent conclusions, opinions or recommendations made by others based on the field exploration and laboratory test data presented in this report.

Soil conditions at other locations may differ from those encountered in the test borings, and the passage of time may cause the soils conditions to change from those described in this report.


This report is intended for use by the designers of this project. While we have no objections to it being provided for review by parties to this project, it is not a specification document and is not to be used as a part of the specifications. If desired, we can assist in the development of specifications for this project based upon our exploration.

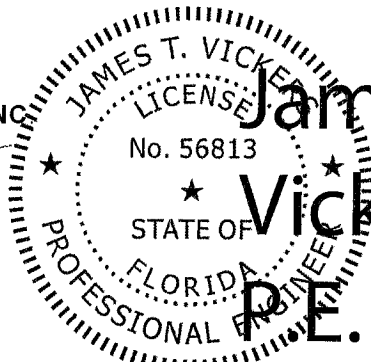
The nature and extent of variation and change in the subsurface conditions at the site may not become evident until the course of construction. Construction monitoring by the geotechnical engineer or his representative is therefore considered necessary to verify the subsurface conditions and to check that the soils connected construction phases are properly carried out. If significant variations or changes are in evidence, it may be necessary to reevaluate the recommendations in this report.

Furthermore, if the project characteristics are altered significantly from those discussed in this report, or if the project information contained in this report is incorrect and additional information becomes available, a review must be made by this office to determine if any modifications in the recommendations will be necessary.

We hope this letter provides sufficient information for the present. If you have any questions or comments, please feel free to call.

Sincerely,
MAGNUM ENGINEERING, INC.


JAMES T. VICKERS, P.E.
Sr. Geotechnical Engineer
Florida Reg. #56813



James T. Vickers,
P.E.

Digitally signed
by James T.
Vickers, P.E.
Date:
2021.11.12
08:53:26 -06'00'

Attachments: Figure #1 – Boring Location Plan
Figure #2 – Logs of Borings



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GEOTECHNICAL ENGINEERING
CONSULTANTS

BORING LOCATION PLAN

FIGURE # 1

SEA

CLIFFORD LANGRISH, P.E. 03130
FLORIDA

REVIEW SET
(NOT FOR CONSTRUCTION)

SCALE

SCALE: 1" = 50'

REVISIONS

NO.	DESCRIPTION	DATE

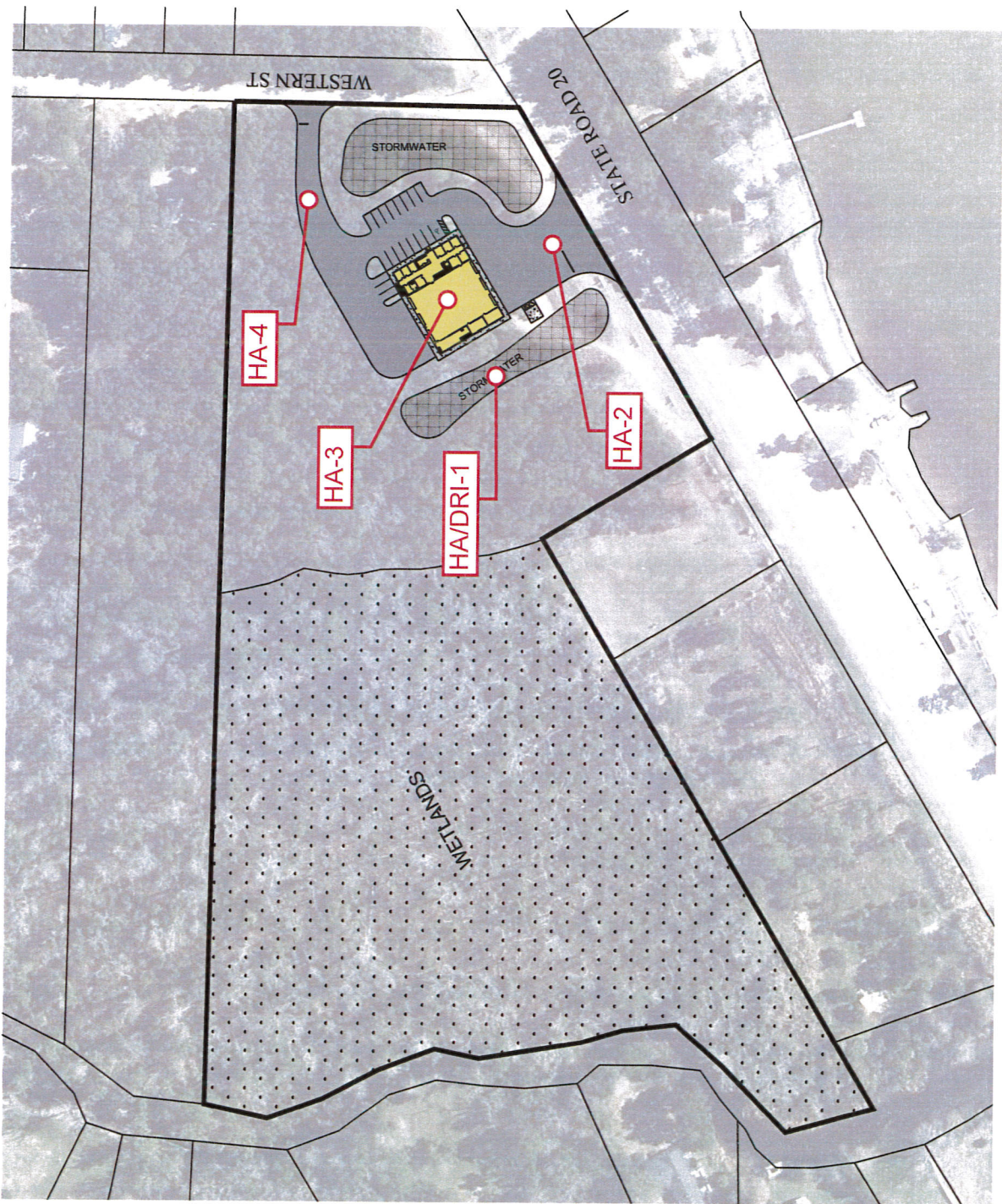
DRAWN BY
APPROVED BY
CHECKED BY
DATE
TITLE
WALTON COUNTY
FIRE DEPT.

PROJECT NO.
SYMBOLS

EXHIBIT 1

SHEET NO.

1 2 3 4 5





MAGNUM ENGINEERING INC
GEOTECHNICAL ENGINEERING
CONSULTANTS

LOGS OF BORINGS

FIGURE # 2



Magnum Engineering, Inc.
 1026 Pierson Drive
 Lynn Haven, Florida 32444
 Telephone: 8502658332

BORING NUMBER HA-1

PAGE 1 OF 1

CLIENT Dewberry Engineers Inc PROJECT NAME Choctaw Beach Fire Department
 PROJECT NUMBER M121-109-174 PROJECT LOCATION Walton County, Florida
 DATE STARTED 10/20/21 COMPLETED 10/20/21 GROUND ELEVATION _____ HOLE SIZE _____
 DRILLING CONTRACTOR GeoDrill Tech, LLC GROUND WATER LEVELS:
 DRILLING METHOD Hand Auger Boring DEPTH TO GROUNDWATER AT TIME OF DRILLING >10.0
 LOGGED BY J. Governale CHECKED BY J. Vickers ESTIMATED SEASONAL HIGH GWT _____
 NOTES _____ AFTER DRILLING _____

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			FINES CONTENT (%)
									LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
0.0		Tan Slightly Silty Fine SAND (SP-SM)										
2.5												
5.0		Gray/Tan Slightly Silty Fine SAND (SP-SM)										
7.5												
10.0		Brown Slightly Silty Fine SAND (SP-SM)										
		Boring Termination Depth at 10.0 feet.										

GEO TECH BH COLUMNS CHOCTAW BEACH FIRE DEPARTMENT.GPJ GINT STD US LAB.GDT 11/12/21



Magnum Engineering, Inc.
 1026 Pierson Drive
 Lynn Haven, Florida 32444
 Telephone: 8502658332

BORING NUMBER HA-2

CLIENT Dewberry Engineers Inc PROJECT NAME Choctaw Beach Fire Department
 PROJECT NUMBER M121-109-174 PROJECT LOCATION Walton County, Florida
 DATE STARTED 10/20/21 COMPLETED 10/20/21 GROUND ELEVATION _____ HOLE SIZE _____
 DRILLING CONTRACTOR GeoDrill Tech, LLC GROUND WATER LEVELS:
 DRILLING METHOD Hand Auger Boring DEPTH TO GROUNDWATER AT TIME OF DRILLING >5.0
 LOGGED BY J. Governale CHECKED BY J. Vickers ESTIMATED SEASONAL HIGH GWT ---
 NOTES _____ AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			FINES CONTENT (%)
									LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
0		Tan Slightly Silty Fine SAND (SP-SM)										
1												
2												
3		Gray/Tan Slightly Silty Fine SAND (SP-SM)										
4												
5		Boring Termination Depth at 5.0 feet.										

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Magnum Engineering, Inc.
 1026 Pierson Drive
 Lynn Haven, Florida 32444
 Telephone: 8502658332

BORING NUMBER HA-3

PAGE 1 OF 1

CLIENT Dewberry Engineers Inc PROJECT NAME Choctaw Beach Fire Department
 PROJECT NUMBER M121-109-174 PROJECT LOCATION Walton County, Florida
 DATE STARTED 10/20/21 COMPLETED 10/20/21 GROUND ELEVATION _____ HOLE SIZE _____
 DRILLING CONTRACTOR GeoDrill Tech, LLC GROUND WATER LEVELS:
 DRILLING METHOD Hand Auger Boring DEPTH TO GROUNDWATER AT TIME OF DRILLING >5.0
 LOGGED BY J. Governale CHECKED BY J. Vickers ESTIMATED SEASONAL HIGH GWT ---
 NOTES _____ AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (RQD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			FINES CONTENT (%)
									LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
0		Tan Slightly Silty Fine SAND (SP-SM)										
1												
2												
3		Gray/Tan Slightly Silty Fine SAND (SP-SM)										
4												
5		Boring Termination Depth at 5.0 feet.										

GEO TECH BH COLUMNS CHOCTAW BEACH FIRE DEPARTMENT.GPJ GINT STD US LAB.GDT 11/12/21



Magnum Engineering, Inc.
 1026 Pierson Drive
 Lynn Haven, Florida 32444
 Telephone: 8502658332

BORING NUMBER HA-4

PAGE 1 OF 1

CLIENT Dewberry Engineers Inc PROJECT NAME Choctaw Beach Fire Department
 PROJECT NUMBER M121-109-174 PROJECT LOCATION Walton County, Florida
 DATE STARTED 10/20/21 COMPLETED 10/20/21 GROUND ELEVATION _____ HOLE SIZE _____
 DRILLING CONTRACTOR GeoDrill Tech, LLC GROUND WATER LEVELS:
 DRILLING METHOD Hand Auger Boring DEPTH TO GROUNDWATER AT TIME OF DRILLING >5.0
 LOGGED BY J. Governale CHECKED BY J. Vickers ESTIMATED SEASONAL HIGH GWT ---
 NOTES _____ AFTER DRILLING ---

DEPTH (ft)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE NUMBER	RECOVERY % (ROD)	BLOW COUNTS (N VALUE)	POCKET PEN. (tsf)	DRY UNIT WT. (pcf)	MOISTURE CONTENT (%)	ATTERBERG LIMITS			FINES CONTENT (%)
									LIQUID LIMIT	PLASTIC LIMIT	PLASTICITY INDEX	
0		Brown Slightly Silty Fine SAND (SP-SM)										
1												
2												
3												
4												
5												
		Boring Termination Depth at 5.0 feet.										

GEO TECH BH COLUMNS CHOCTAW BEACH FIRE DEPARTMENT.GPJ GINT STD US LAB.GDT 11/12/21

AU



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GEOTECHNICAL ENGINEERING
CONSULTANTS

DOUBLE RING INFILTROMETER TEST
RESULTS

FIGURE # 3

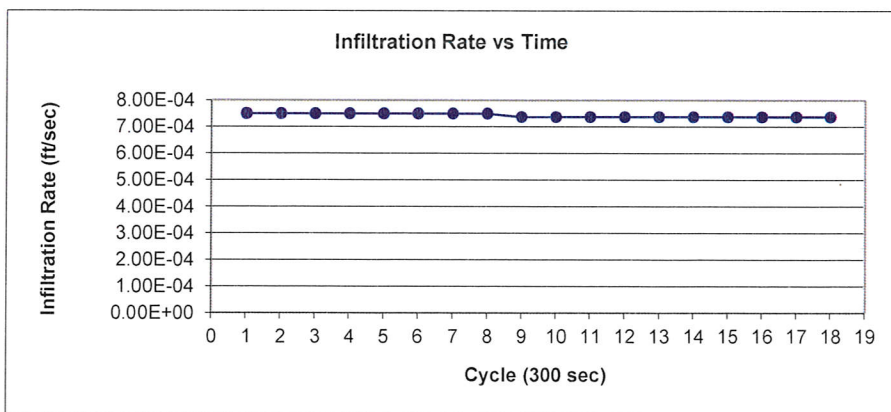


MAGNUM ENGINEERING INC
 GEOTECHNICAL ENGINEERING CONSULTANTS

Double-Ring Field Infiltration Test

Test Location: DRI-1
Project Name: Choctaw Beach Fire Station
Project Location: Walton County, Florida
Test Depth: 2 ft
 Depth to GWT: >10.0 ft
 Inner Ring Diameter: 12 in 0.3048 m
 Outer Ring Diameter: 24 in 0.6096 m
 Pre-Saturation: 30 min
 Area Outer Ring: 3.1416 ft² 0.00202683 m²
 Area Inner Ring: 0.7854 ft² 0.00050671 m²
 Net Outer Ring Area: 2.3562 ft² 0.00152013 m²

Inner Ring			
Cycle	ElapTime (sec)	Vol Used (in ³)	Infiltration Rate (ft/sec)
1	300	305	7.49E-04
2	300	305	7.49E-04
3	300	305	7.49E-04
4	300	305	7.49E-04
5	300	305	7.49E-04
6	300	305	7.49E-04
7	300	305	7.49E-04
8	300	305	7.49E-04
9	300	300	7.37E-04
10	300	300	7.37E-04
11	300	300	7.37E-04
12	300	300	7.37E-04
13	300	300	7.37E-04
14	300	300	7.37E-04
15	300	300	7.37E-04
16	300	300	7.37E-04
17	300	300	7.37E-04
18	300	300	7.37E-04
Results	Sustained Rate	302	7.42E-04



Infiltration Rate: 2.26E-02 cm/sec
 32.1 in/hr

Steele, Crystal C

To: Bill.Evans@FloridaDEP.gov
Subject: Septic Applications under DEP jurisdiction
Attachments: AP1784970.pdf; AP1807323.pdf

Attached are two applications for septic systems for the Walton County Fire Department. One is a repair the other is for a new system. Both state that they will be using the washing machines to wash PPE, which I believe will fall under DEP jurisdiction. Please let me know if you have any questions.

Thank you,

Crystal Steele, PG, REHP
Environmental Manager
Florida Department of Health Walton County
Phone: 850-892-8021
362 State Hwy 83
DeFuniak Springs, FL

Please Note: Florida has a very broad public records law. Most written communications to or from state officials regarding state business are public records available to the public and media upon request. Your email communication may therefore be subject to public disclosure.

Mission:

To protect, promote & improve the health of all people in Florida through integrated state, county & community efforts.



Ron DeSantis
Governor

Joseph A. Ladapo, MD, PhD
State Surgeon General

Vision: To be the Healthiest State in the Nation

February 08, 2022

Rudy Mall (Dewberry Engineers Inc)
877 N County Road 393
Santa Rosa Beach, FL 32459

Request for Additional Information
Application Document No: 1784970
State Hwy 20
Santa Rosa Beach, FL 32459
Lot: 1-7 Block: D Subdivision: Mullet Creek

Dear Applicant:

This will acknowledge receipt of an application and plans for an onsite sewage treatment and disposal system construction permit dated January 10, 2022 for a proposed system to be constructed on the above referenced property.

In response, we are requesting that you provide the following additional information, clarification or corrections:

- A site evaluation was attempted on 2/3/2022. During the site visit, no flag placement was denoted on site for the proposed septic system. Please indicate your proposed septic system area with the pink environmental flags available at the county health department.
- Please ensure that the property lines are marked on site in order to determine proper placement of your proposed septic system. Please indicate any trees which will be removed or will be remaining in place near the septic system area so that a benchmark location can be established.
- The provided floor plans show 7 bunks for this station. 6 are listed on your application. Bunk 2 appears to be labeled twice. Please clarify the number of bunks for the fire station, and update your application if required. Please also update your application to reflect the number of employees working around the clock, how many shift workers will be on site, and how many meals will be served daily on site in order to properly size your proposed septic system.
- Please clarify if any vehicle washing will occur on site. Are there any proposed floor drains for the fire station? Are there any hazardous materials, either through vehicle, equipment, or laundry usage, which will be entering the system at any time?

Rudy Mall (Dewberry Engineers Inc)
Page two
February 08, 2022

If you have any questions on this matter, please call our office at (850) 892-8021.

Sincerely,

A handwritten signature in blue ink, appearing to read 'R. King', is written over the word 'Sincerely,'.

Robert King, Environmental Specialist III



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

PERMIT NO. AP 1784970
DATE PAID: 1/10/22
FEE PAID: 423.00
RECEIPT #: 66-54-2445584

APPLICATION FOR:

- New System Existing System Holding Tank Innovative
 Repair Abandonment Temporary

APPLICANT: Walton County Board of County Commissioners

AGENT: Dewberry Engineers Inc. (RUDY MALL) TELEPHONE: _____

MAILING ADDRESS: 877 County Road 393 North, Santa Rosa Beach, FL 32459

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3)(m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: 1-7 BLOCK: D SUBDIVISION: Mullet Creek PLATTED: 2-68A

PROPERTY ID #: 22-1S-21-41090-00D-0010 ZONING: Residential I/M OR EQUIVALENT: No

PROPERTY SIZE: 11.41 ACRES WATER SUPPLY: PRIVATE PUBLIC <=2000GPD >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? No Yes DISTANCE TO SEWER: _____ FT

PROPERTY ADDRESS: Northwest quadrant of the intersection of Highway 20 and Western St.

DIRECTIONS TO PROPERTY: Located 4.77 miles east of the SR-20 and HWY-293 intersection along SR-20. Project is just 100-ft north of the Choctaw Beach Park.

BUILDING INFORMATION RESIDENTIAL COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	Fire Station	6-Bunks	8,120	400 GPD
2				<u>shows yes</u>
3				
4				

Floor/Equipment Drains Other (Specify) N/A

SIGNATURE: _____ DATE: 1/7/22



STATE OF FLORIDA
DEPARTMENT OF HEALTH
ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEM
SITE EVALUATION AND SYSTEM SPECIFICATIONS

PERMIT #. _____

APPLICANT: Walton County BOCC AGENT: Dewberry Engineers Inc. (Rudy Mall)

LOT: _____ BLOCK: _____ SUBDIVISION: _____

PROPERTY ID #: 22-1S-21-41090-00D-0010 [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: _____ ACRES
TOTAL ESTIMATED SEWAGE FLOW: _____ GALLONS PER DAY [RESIDENCES-TABLE 1/OTHER-TABLE 2]
AUTHORIZED SEWAGE FLOW: _____ GALLONS PER DAY [1500 GPD/ACRE OR 2500 GPD/ACRE]
UNOBSTRUCTED AREA AVAILABLE: _____ SQFT UNOBSTRUCTED AREA REQUIRED: _____ SQFT

BENCHMARK/REFERENCE POINT LOCATION: _____
ELEVATION OF PROPOSED SYSTEM SITE IS _____ [INCHES/FT] [ABOVE/BELOW] BENCHMARK/REFERENCE POINT

THE MINIMUM SETBACK WHICH CAN BE MAINTAINED FROM THE PROPOSED SYSTEM TO THE FOLLOWING FEATURES
SURFACE WATER: _____ FT DITCHES/SWALES: _____ FT NORMALLY WET? YES NO
WELLS: PUBLIC: _____ FT LIMITED USE: _____ FT PRIVATE: _____ FT NON-POTABLE: _____ FT
BUILDING FOUNDATIONS: _____ FT PROPERTY LINES: _____ FT POTABLE WATER LINES: _____ 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
_____	_____	TO
_____	_____	TO
_____	_____	TO
_____	_____	TO
_____	_____	TO
_____	_____	TO
_____	_____	TO
_____	_____	TO
_____	_____	TO
_____	_____	TO

USDA SOIL SERIES: _____

SOIL PROFILE INFORMATION SITE 2

MUNSELL #/COLOR	TEXTURE	DEPTH
_____	_____	TO
_____	_____	TO
_____	_____	TO
_____	_____	TO
_____	_____	TO
_____	_____	TO
_____	_____	TO
_____	_____	TO
_____	_____	TO
_____	_____	TO

USDA SOIL SERIES: _____

OBSERVED WATER TABLE: _____ INCHES [ABOVE/BELOW] EXISTING GRADE. TYPE: [PERCHED/APPARANT]
ESTIMATED WET SEASON WATER TABLE ELEVATION: _____ INCHES [ABOVE/BELOW] EXISTING GRADE
HIGH WATER TABLE VEGETATION: YES NO MOTTLING: YES NO DEPTH: _____ INCHES

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

SITE EVALUATED BY: _____ DATE: _____

INSTRUCTIONS:

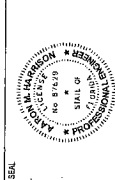
- PERMIT #:** Permit tracking number assigned by County Health Department.
- APPLICANT:** Property owner's full name.
- AGENT:** Property owner's legally authorized representative.
- LOT, BLOCK, SUBDIVISION:** Lot, block, and subdivision for lot.
- PROPERTY ID#:** 27 character number for property (property appraiser ID # or section/township/range/parcel number).
- PROPERTY SIZE:** Check if property size at site conforms to submitted site plan. Record net usable area available - lot area exclusive of all paved areas and prepared road beds within public rights-of-way or easements and exclusive of streams, lakes, normally wet drainage ditches, marshes, or other such bodies of water.
- SEWAGE FLOW:** Record the estimated sewage flow for the establishment from Table 1 (residential) or Table 2 (non-residential), Chapter 64E-6, FAC. Record the authorized sewage flow for the lot based on net usable area and water supply (1500 gallons per day per acre for private water supplies and 2500 gallons per day per acre for public water supplies). If authorized sewage flow does not equal or exceed the estimated sewage flow, the application must be denied.
- UNOBSTRUCTED AREA:** Record the square feet of unobstructed area available and the amount required. Unobstructed area must be at least 2 times as large as the drainfield absorption area and at least 75 percent of the unobstructed area must meet minimum setbacks in Chapter 64E-6, FAC. The unobstructed area must be contiguous to the drainfield.
- BENCHMARK INFORMATION:** Record the location of the benchmark. If using a surveyor's benchmark record the actual elevation. Record the elevation of the proposed system site in relation (above or below) to the benchmark.
- MINIMUM SETBACKS:** Record minimum setbacks which can be met to all listed features. Actual measurements must be recorded or "NA" for non applicable features. Features on site plan or within 75 feet of the applicant lot must be measured. The location of any public drinking well within 200 feet of the applicant's lot must also be verified.
- FLOOD INFORMATION:** Record information on lot's subject to flooding. For lots subject to flooding record 10 year flood elevation for site and actual site elevation.
- SOIL PROFILE INFORMATION:** Two soil profiles within the proposed absorption area to a minimum depth of 6 feet or refusal are required. Soil identification will use USDA Soil Classification methodology (Munsell colors and USDA soil textures). Refusals must be clearly documented. Provide USDA soil series if available, record "UNK" if the series cannot be determined.
- WATER TABLE:** Record the depth of the observed water table at the time of the evaluation. Mark "perched" or "apparent" as appropriate. Record the estimated wet season water table elevation based on site evaluation, USDA soil maps, and historical information. Indicate if there is high water table vegetation present. Indicate if mottling is present and depth.
- SOIL TEXTURE:** Record soil texture or loading rate for system sizing.
- DEPTH OF EXCAVATION:** If applicable record depth of excavation required. Record "NA" if not applicable.
- DRAINFIELD CONFIGURATION:** Check drainfield configuration required. If other, specify type.
- ADDITIONAL CRITERIA:** Record any additional remarks pertinent to site or installation. Ex. Dosing required.
- SITE EVALUATED BY:** Signature of evaluator, title, and date of evaluation. Professional engineers must seal all documentation submitted.

ELEVATION WORKSHEET		ELEVATION OF BENCHMARK / REFERENCE POINT IS: _____					
BENCHMARK	_____	SITE 1	_____	SITE 2	_____	SITE 3	_____
[+] SHOT	_____	H.I.	_____	H.I.	_____	H.I.	_____
H.I.	_____	[-] SHOT	_____	[-] SHOT	_____	[-] SHOT	_____
	_____		_____		_____		_____



877 CR 393 North
Santa Rosa Beach, FL 32459
850.267.0769

CHOCTAW BEACH FIRE STATION
BOARD OF COUNTY COMMISSIONERS
WALTON COUNTY
FLORIDA



AMPORTAL HARRISON, P.E. 81429
PROVIDES SEAL FOR DOCUMENTS NOT COVERED BY ELECTRICAL CODES
DATE 01/12/22

REVIEW SET
(NOT FOR CONSTRUCTION)

SCALE
1" = 20'

REVISIONS

NO.	DESCRIPTION	DATE

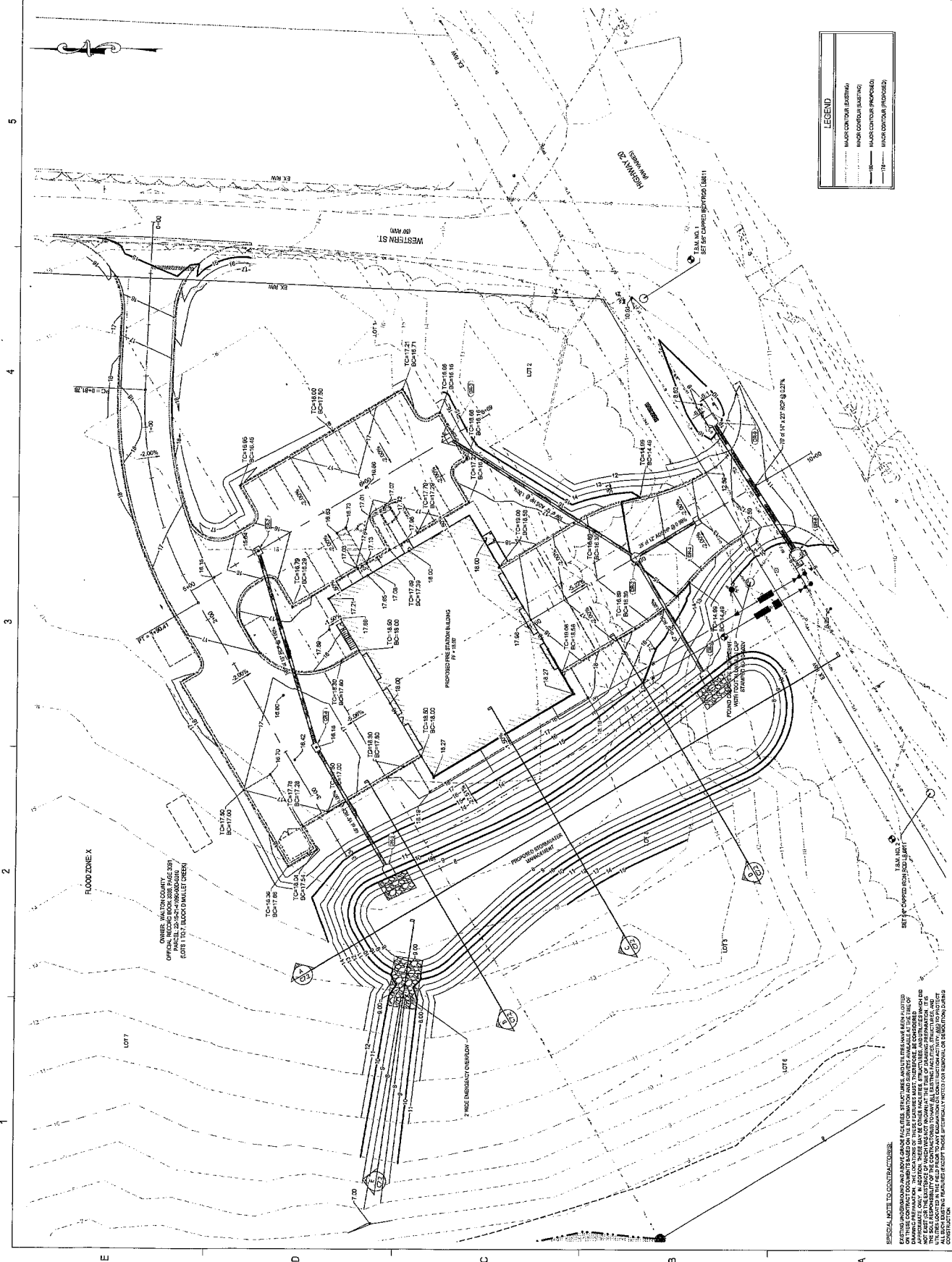
NO.	DESCRIPTION	DATE

TITLE
GRAIDING AND DRAINAGE PLAN

PROJECT NO.
201408

C7.1

SHEET NO.



FLOOD ZONE X
OWNER: WALTON COUNTY
OFFICE: 1000 W. WALTON BLVD., SUITE 100
PENSACOLA, FL 32504
(GTS 1 TO 7, BACK TO WALLEY GREEN)

PROPOSED BUILDING
PROPOSED WINDMILL
PROPOSED WINDMILL
PROPOSED WINDMILL

PROPOSED WINDMILL
PROPOSED WINDMILL
PROPOSED WINDMILL

PROPOSED WINDMILL
PROPOSED WINDMILL
PROPOSED WINDMILL

PROPOSED WINDMILL
PROPOSED WINDMILL
PROPOSED WINDMILL

LEGEND

(Symbol)	MAJOR CONTOUR ELEVATION
(Symbol)	MINOR CONTOUR ELEVATION
(Symbol)	MAJOR CONTOUR INTERVAL
(Symbol)	MINOR CONTOUR INTERVAL

SPECIAL NOTE TO CONTRACTOR:
ELECTRIC UNDERGROUND AND ABOVE GROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN FIELD LOCATED AND SHOWN ON THIS PLAN. THE LOCATION OF THESE UTILITIES MUST BE MAINTAINED AS SHOWN ON THIS DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND NOT START ANY WORK UNTIL THE LOCATION OF ALL UTILITIES IS VERIFIED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES.

1 2 3 4 5

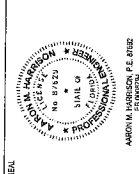
E

D

C

B

A



SEAL
AARON M. HARRISON, P.E.
ENGINEER
LICENSE NO. 14720
STATE OF FLORIDA
MECHANICAL
12/20/11

DATE: 01/15/22
SCALE: 1" = 20'

NO.	DESCRIPTION	DATE

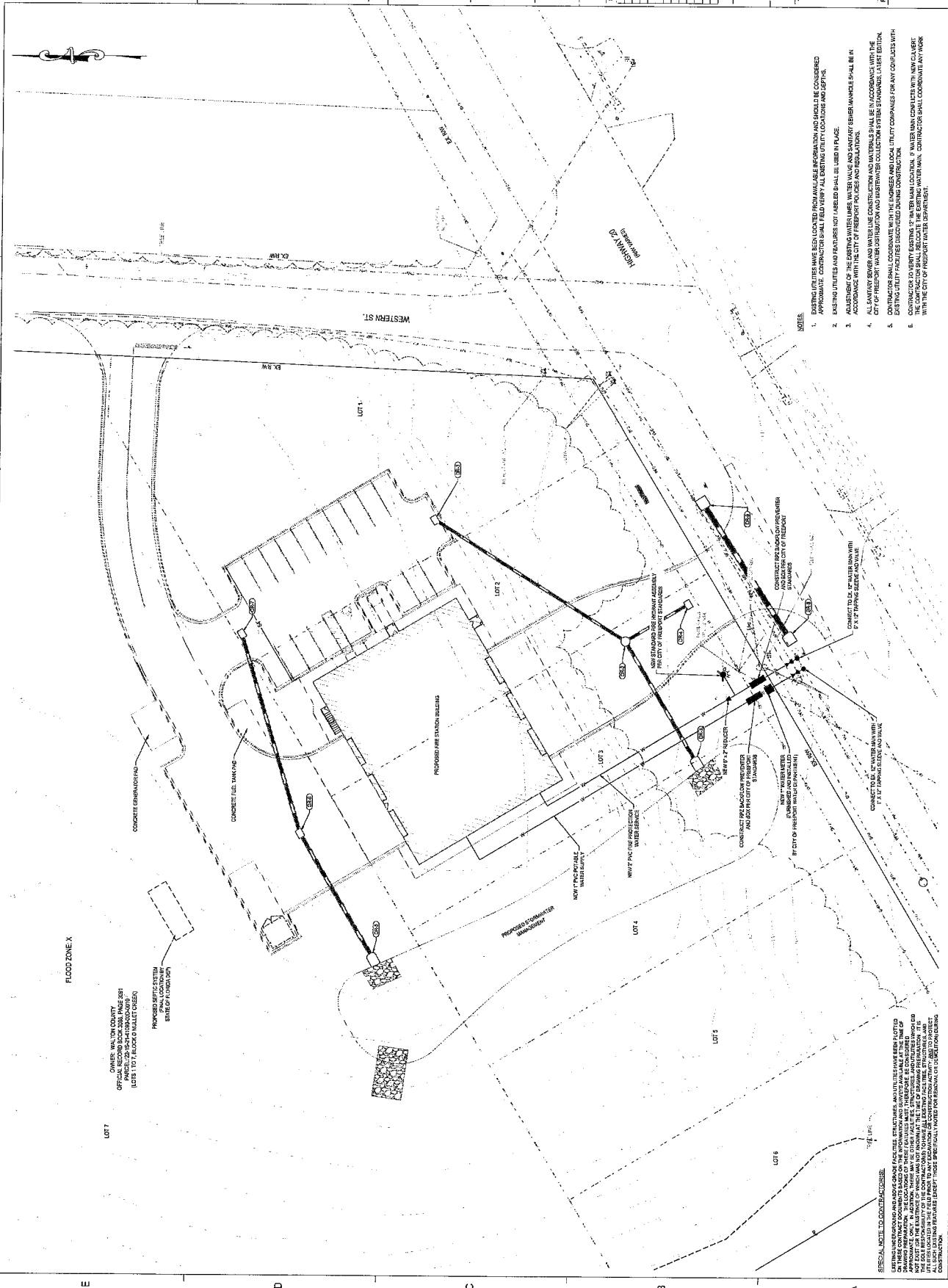
DRAWN BY:
APPROVED BY:
CHECKED BY:
DATE:

UTILITY PLAN

PROJECT NO.

C6.1

SHEET 4



- NOTES:**
- EXISTING UTILITIES HAVE BEEN LOCATED FROM AVAILABLE RECORDS, AND LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND DEPTHS.
 - EXISTING UTILITIES AND FEATURES NOT LABELED SHALL BE USED IN PLACE.
 - ADJUSTMENT OF THE EXISTING WATER LINES, WATER VALVE AND SANITARY SEWER MANHOLE SHALL BE IN ACCORDANCE WITH THE CITY OF FRESHPORT WATER DISTRIBUTION AND WASTEWATER COLLECTION SYSTEM STANDARDS, LATEST EDITION.
 - ALL SANITARY SEWER AND WATER LINE CONSTRUCTION AND WASTEWATER SHALL BE IN ACCORDANCE WITH THE CITY OF FRESHPORT WATER DISTRIBUTION AND WASTEWATER COLLECTION SYSTEM STANDARDS, LATEST EDITION.
 - EXISTING UTILITY FACILITIES DESCRIBED DURING CONSTRUCTION.
 - CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND LOCAL UTILITY COMPANIES FOR ANY CONFLICTS WITH EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS FROM ALL AFFECTED UTILITY COMPANIES. CONTRACTOR SHALL COORDINATE ANY WORK WITH THE CITY OF FRESHPORT WATER DEPARTMENT.

SPECIAL NOTE TO CONTRACTORS:
EXISTING UNDERGROUND AND ABOVE-GROUND FACILITIES, STRUCTURES, AND UTILITIES HAVE BEEN LOCATED BY FIELD SURVEY AND FIELD VERIFICATION. THE LOCATION OF THESE UTILITIES AND FACILITIES IS SHOWN ON THIS DRAWING FOR INFORMATION ONLY. THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTHS OF ALL EXISTING UTILITIES AND FACILITIES BY FIELD SURVEY AND FIELD VERIFICATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS FROM ALL AFFECTED UTILITY COMPANIES. CONTRACTOR SHALL COORDINATE ANY WORK WITH THE CITY OF FRESHPORT WATER DEPARTMENT.



FLORIDA DEPARTMENT OF Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, FL 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

June 23, 2022

Dewberry Engineers Inc., Agent for:
Walton County Board of County Commissioners, Applicant
877 County Road 393 North
Santa Rosa Beach, Florida 32459

RE: Variance Request for an Onsite Sewage Treatment and Disposal System
Variance Application #14997
Florida Department of Health in Walton County Reference #AP1784970
Parcel Number: 22-1S-21-41090-00D-0010
12412 State Highway 20 West, Walton County
Variance from section: 381.0065(4)(i), Florida Statutes (F.S.)
OGC Number: 22-2004

Dear Sir or Madam:

The Variance Review and Advisory Committee for the Onsite Sewage Treatment and Disposal Program has recommended approval, with proviso, of your application for variance in the case of the above referenced property. The advisory committee recommended the following requirement:

The applicant shall obtain and maintain an annual onsite sewage treatment and disposal system operating permit in accordance with section 62-6.003(5), F.A.C.

I concur with the advisory committee's recommendation and approve your variance subject to the requirement above. This variance, as approved, applies only to those sections of the law or rules referenced above and in no way exempts compliance with other state and local regulations. This variance will expire one year from the date of this letter, unless an onsite sewage treatment and disposal system construction permit is issued by the Florida Department of Health in Walton County, in which case the variance will run concurrent with the system construction permit.

Dewberry Engineers Inc., Agent for:
Walton County Board of County Commissioners, Applicant (Variance #14997)
Page 2
June 23, 2022

If you have any questions please contact Ed Williams at 850-245-4070 or
Ed.P.Williams@floridaDEP.gov.

Sincerely,



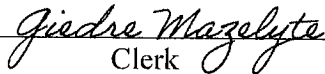
Kendra Goff, PhD, DABT, CPM, CEHP
Deputy Director
Division of Water Resource Management

KFG/ew
Enclosure

cc: Florida Department of Health in Walton County

Filing and Acknowledgement

Filed, on this date, pursuant to Section 120.52, Florida Statutes, (F.S.), with the designated Department Clerk, receipt of which is hereby acknowledged.


Clerk

6/24/2022
Date

NOTICE OF RIGHTS

This action is final and effective on the date filed with the Clerk of the Department unless a petition for an administrative hearing is timely filed under sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the request for a variance or waiver.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57, F.S. Unless otherwise provided by statute, and except for agency enforcement and disciplinary actions that shall be initiated under Rule 28-106.2015, F.A.C., pursuant to Rule 28-106.201, F.A.C., a petition for an administrative hearing must contain the following information:

- a) The name and address of each agency affected and each agency's file or identification number, if known;
- b) The name, address, telephone number, and any e-mail address of the petitioner; the name, address, telephone number, and any e-mail address of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests are or will be affected by the agency determination;
- c) A statement of when and how the petitioner received notice of the agency decision;
- d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
- f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
- g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000. The Agency Clerk's email is agency_clerk@FloridaDEP.gov. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing must be filed within 21 days of receipt of this written notice. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, before the applicable deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

Judicial Review

Once this decision becomes final, any party to this action has the right to seek judicial review pursuant to section 120.68, F.S., by filing a Notice of Appeal pursuant to Rules 9.110 and 9.190, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this action is filed with the Clerk of the Department.

INSTRUCTIONS FOR THE COUNTY HEALTH DEPARTMENT

Instructions for completing Part II, Department-Provided Information

- ✓ County Reference Number: If your office has an application number or other case number used to track this file, list it here so it can be included on variance correspondence.
- Fee Paid: *waived for County* Provide the amount of the variance application fee paid by the applicant.
- Date: Provide the date of the fee payment.
- Receipt Number: List the receipt number associated with the fee payment for purposes of audit control.
- ✓ Specific Section(s) Involved in Request: List the individual specific rule and statute citations which need to be varied in order to issue the construction permit or approve the system or operation.
- Reason Requirements Cannot be Met: Provide a brief explanation of the reason the section of the rule or statute was listed, for example:
64E-6.005(3), F.A.C. Proposed drainfield is 68 feet from surface water.
381.0065(4)(a), F.S. Anticipated flow (300 gpd) exceeds authorized (285 gpd)
381.0065(4)(b), F.S. Lot is in a subdivision that has 4.6 lots per acre.
- Site Information: Provide the distance from the property to the nearest sewer line and "X" the boxes that most closely describe the property, the establishment and the system involved in the request.
- Lot is Posted: Mark an "X" in the box if the lot has been posted. The county health department shall post a sign on the subject property under consideration for variance when reductions of setbacks from surface waters, wells, wet season high water table, and minimum lot size criteria are requested. The sign shall state that a variance from the standards of Chapter 64E-6, F.A.C. has been requested and that information on the variance request may be obtained from the county health department. The sign shall be posted in a conspicuous location on the lot no later than the 15th day of the month preceding the variance meeting and shall remain posted for a minimum period of two weeks.
- Comments from the county health department: Provide any facts that clarify the variance issues or that would be helpful to the committee in making a recommendation or to the department in making a decision.
- Signature of Environmental Director: The signature of the Director of the Environmental Health or Engineering Section that administers the Onsite Sewage Program, or his designee, is required.

Instructions for assembling the variance request information package

Supportive documentation should include eight (8) copies of the following:

- ✓ ■ Completed application for onsite sewage treatment and disposal system construction permit
- ✓ ■ The denial letter
- ✓ ■ Completed site evaluation form
- ✓ ■ Completed plot plan, drawn to scale, showing pertinent features on the applicant's property and neighboring properties
- ✓ ■ Complete plans and specifications for the proposed system
- Any other information necessary for rendering a decision or which you feel is pertinent to the case
- NOTE: If the variance request involves setback violations, the site plan should very clearly show the exact setback dimensions that will be achieved if the variance is granted.
- NOTE: If the variance request involves the setback to a public drinking water supply well, a written opinion from the agency regulating the affected public drinking water system is required to be included in the application package.
- NOTE: If the variance request involves jurisdiction of sewage treatment regulation, a letter from the agency having jurisdiction which authorizes the Department of Health to take jurisdiction of the sewage flow is required.

The burden of presenting pertinent and supportive facts is the responsibility of the applicant. Failure to provide necessary information may result in the application being denied or tabled.

Each of the eight copies of the variance application package should be assembled in the following order:

- Variance Application Form, Part I
- Variance Application Form, Part II
- Continuation of Part I (if any)
- Continuation of Part II (if any)
- Denial letter
- OSTDS Application for construction permit
- Site evaluation
- Site plan
- Subdivision map
- System design specifications
- Other substantiating data

Each copy should be stapled together and all eight copies should be banded into a single bundle.

The copies of the completed application package must be received by the Department of Health, Onsite Sewage Office in Tallahassee no later than the 15th of the month to be placed on the agenda for the next monthly meeting of the variance review and advisory committee. If the 15th falls on a weekend or legal holiday, the deadline for receipt will be the next regular working day.



**STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR VARIANCE FROM CHAPTER 64E-6, FAC
STANDARDS FOR ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS**
Authority: Chapter 381, Florida Statutes
Chapter 64E-6, Florida Administrative Code

Variance Application Number Onsite Sewage Office Use Only
--

Follow the instructions on the back of this form for assembling your application for variance. Eight (8) copies of this form and supporting documentation must be submitted with the required fee to your local county health department. Your application must be reviewed by the local county health department and the completed application received by the Bureau of Onsite Sewage Programs in Tallahassee no later than the 15th of the month to be placed on the agenda for the next monthly meeting of the variance review and advisory committee. If the 15th falls on a weekend or legal holiday, the deadline for receipt will be the next regular working day. If the variance request involves setbacks from wells or surface waters, the separation of the drainfield from the estimated wet season high water table, or the authorized sewage flow of the property, the county health department must post a sign on the property giving notice of the application for variance.

PART I - GENERAL INFORMATION

(To be completed by the applicant. See instructions on the back of this form.)
(TYPE OR PRINT LEGIBLY)

APPLICANT INFORMATION

Property Owner: Walton County Board of County Commissioners Phone: (W) (850) 892-8474 (H) ()
 Owner's Agent: Dewberry Engineers Inc. (Rudy Mall) Phone: (W) (850) 571-1249 (H) ()
 Mailing Address: 877 County Road 393 North City: Santa Rosa Beach State: FL Zip: 32459

PROPERTY INFORMATION

Property Street Address: 12412 State Highway 20 W City: Freeport County: Walton
 Lot: _____ Block: _____ Subdivision: _____ Unit: _____
 Section: 22 Township: 1S Range: 21W Parcel Number: 22-1S-21-41090-00D-0010

Metes & Bounds Description (Attach property legal description)

VARIANCE REQUEST INFORMATION

A variance may not be granted under section 381.0065, FS, until the department is satisfied the following conditions have been met.

Address each item explaining how your variance request satisfies the statutory conditions for a variance. Attach a separate sheet if necessary.

1. Please explain how your variance request satisfies the statutory requirement that the hardship was not caused intentionally by the action of the applicant. The proposed fire station will be utilizing the washing services on site to wash personal protective equipment (PPE) that may be considered as industrial, hazardous, or toxic sewage waste.

2. Please explain how your variance request satisfies the statutory requirement that no reasonable alternative, taking into consideration factors such as cost, exists for the treatment of the sewage. There is currently no available sewer on site or any other reasonable alternative that exists for the proposed treatment of the sewage.

3. Please explain how your variance request satisfies the statutory requirement that the discharge from the onsite sewage treatment and disposal system will not adversely affect the health of the applicant or the public or significantly degrade the groundwater or surface waters. According to recent geotechnical investigations done for the project site, the depth to groundwater exceeds 10-ft for test locations near the proposed drain field, and therefore the existing groundwater should not be adversely effected. There are no active wells in the area. The proposed drain field location provides adequate separation from any nearby surface waters.

I attest the above information is true. I acknowledge that in the submission of this variance request, I hereby authorize department employees to enter onto my property to conduct inspection activities and to post public notice of this variance request.

Signature of Owner or Agent:  Date: 3 / 14 / 2022

PART II - COUNTY HEALTH DEPARTMENT INFORMATION

(To be completed by the county health department. See instructions on the back of this form.)

(TYPE OR PRINT LEGIBLY)

County Reference Number AP1784970 County Health Department Use Only Fee Paid \$ Date Receipt Number

REASON STANDARDS CANNOT BE MET

SPECIFIC SECTION(S) OF 381.0065, F.S. OR 64E-6, F.A.C., INVOLVED IN REQUEST 381.0065 4(i)

REASON REQUIREMENTS IN THE SECTION CANNOT BE MET (include the quantity of the deviation from the requirement)

Sanitary sewer is not available. Personal Protective Equipment (PPE) must be utilized by the department for fire rescue operations. Alternative cleaning services are not available in the local area, and would pose a hardship upon the county services provided. Washing of this PPE is required to ensure contacted materials are removed prior to reuse by the department.

SITE INFORMATION (Attach a completed site evaluation form)

Connection distance from property to sanitary sewer is >10 feet/miles

- Lots in the vicinity of the subject property are generally: [] Larger [x] Smaller [] Same Size
Buildings on this property are: [x] Proposed [] Existing [] Under Construction
The OSTDS involved in this variance request is: [x] Proposed [] Installed [] Existing (Previously approved)
Proposed property use is: [] Unchanged [] Increased [x] New Use
Are there known OSTDS failures in the area? [x] No [] Yes...Reason(s):

[x] Lot is posted with a sign in accordance with the instructions on the back of this form.

Comments from the county health department (attach additional sheets if necessary): Variance request is for a local fire department which will service the surrounding community. Hazardous/toxic materials may enter the proposed septic system during washing of personal protective equipment utilized in fire fighting operations. Floor drains are not proposed in the structure, and more direct entry (i.e. dumping) hazardous/toxic materials will not occur on site.

Signature of Environmental Health Director or designee Title: Environmental Specialist III Date: 03 / 18 / 2022

- NOTICE
1. Procedures leading to the submission of this variance request must be in accordance with Chapter 120, Florida Statutes.
2. This completed application must be received by the Department of Health, Onsite Sewage Office in Tallahassee no later than the 15th of the month to be placed on the agenda for the next monthly meeting of the variance review and advisory committee.
3. If the variance request involves setbacks from wells or surface waters, the separation of the drainfield from the estimated wet season high water table, or the authorized sewage flow of the property, the county health department shall post a sign on the property.

Mission:

To protect, promote & improve the health of all people in Florida through integrated state, county & community efforts.



Ron DeSantis
Governor

Joseph A. Ladapo, MD, PhD
State Surgeon General

Vision : To be the **Healthiest State** in the Nation

March 10, 2022

Rudy Mall (Dewberry Engineers Inc)
877 N County Road 393
Santa Rosa Beach, FL 32459

Application Denial and Notice of Right to Administrative Proceedings
Application Document No: AP1784970
State Hwy 20
Santa Rosa Beach, FL 32459
Lot: 1-7 Block: D Subdivision: Mullet Creek

Dear Applicant:

This will acknowledge receipt of an application and plans for an onsite sewage treatment and disposal system construction permit dated January 10, 2022 for a proposed system to be constructed on the above referenced property.

You are hereby notified that your application is denied because the proposal described does not meet the requirements of section 381.0065, Florida Statutes, or Chapter 64E-6, Florida Administrative Code. Specifically the proposal has the following violations:

emailed 3/10/2022 AJC

<u>Code Citation</u>	<u>Letter Detail</u>	<u>Code Citation Description</u>
64E-6.002(27), F.A.C.	<p>As a fire station, which will be utilizing the washing services on site to wash personal protective equipment, you are required to obtain septic permitting through the Florida Department of Environmental Protection. If the Florida Department of Environmental Protection decides they will waive this permitting requirement, you will be required to obtain variance approval from the Variance committee prior to permitting approval from the Florida Department of Health.</p> <p>The Florida Department of Environmental Protection has issued a letter of no objection in regards to this requirement. At this time you are required to submit for variance to the variance committee for approval final to permitting. Please apply for variance approval.</p>	Industrial, hazardous, or toxic sewage waste

As an applicant who has been denied a permit, you have the right to request a variance or hearing to appeal the department's action. Requests for a hearing must be made to this office in writing no later than 21 days from the receipt of this letter. Mediation pursuant to S.120.573, Florida Statutes, is not available to resolve this dispute.

Your lot may qualify for a performance based treatment system under Part IV, Chapter 64E-6, Florida Administrative Code. You should consult with a professional engineer registered in Florida for further information on performance based systems.

Rudy Mall (Dewberry Engineers Inc)
Page three
March 10, 2022

If you have any questions on this matter, please call our office at (850) 892-8021.

Sincerely,

A handwritten signature in black ink, appearing to read 'R. King', written in a cursive style.

Robert King, Environmental Specialist III

NOTICE TO POTENTIAL VARIANCE APPLICANTS

If pursuing a variance application, please note that the following information is taken from the section of Florida Statutes dealing with variance applications for onsite sewage treatment and disposal systems. To find the Florida Statutes on the internet, please go to <http://www.leg.state.fl.us/Statutes/index.cfm>. Scroll down and click on "Title XXIX." Find and click on "Chapter 381." Find and click on "381.0065." The citation to look for is Chapter 381.0065(4)(h)1., Florida Statutes.

The department may grant variances in hardship cases which may be less restrictive than the provisions specified in this section. A variance may not be granted under this section until the department is satisfied that:

- a. The hardship was not caused intentionally by the action of the applicant;
- b. No reasonable alternative, taking into consideration factors such as cost, exists for the treatment of the sewage; and
- c. The discharge from the onsite sewage treatment and disposal system will not adversely affect the health of the applicant or the public or significantly degrade the groundwater or surface waters.

Where soil conditions, water table elevation, and setback provisions are determined by the department to be satisfactory, special consideration must be given to those lots platted before 1972.

While the final authority to grant or deny variances rests solely with the Department of Health, variance applications are reviewed by a State Variance Review and Advisory Committee. The committee meets once a month in a predetermined location in Florida. You are invited to attend, at your own expense, or send someone to represent you. The committee will evaluate your request during the meeting, and will make a recommendation on the disposition of your application to the department.

Please note there are specific requirements and deadlines for variance applications. Please call your local county health department representative for information on how to file for a variance request.



FLORIDA DEPARTMENT OF Environmental Protection

Northwest District
160 W. Government Street, Suite 308
Pensacola, Florida 32502-5740
NWD_EPOST@dep.state.fl.us

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Shawn Hamilton
Secretary

March 9, 2022

BY ELECTRONIC MAIL
(jonlarry@co.walton.fl.us)

Walton County Board of County Commissioners
Larry Jones, County Administrator
P. O. Box 1350
Defuniak Springs, Florida 32435

Re: Choctaw Beach Fire Department (FLAB07297)
No Objection by Department of Environmental Protection
Over Industrial Wastewater for an Onsite Sewage Treatment and Disposal System

Dear Mr. Jones:

This is in response to your March 7, 2022, request for the Department of Environmental Protection (DEP) Letter of No Objection for the use of an onsite sewage treatment and disposal system (OSTDS) regulated by the Department of Health (DOH) for the proposed fire station located northwest of the intersection of SR-20 and Western Street, Choctaw Beach, Walton County, Florida.

The project includes the construction of a new 8,120-sf fire station and parking lot for the Walton County Fire Department. The proposed wastewater flow is expected to be approximately 875 gallons per day and includes industrial wastewater from the laundry machines.

Please be advised that DEP has no objection to DOH issuing a permit for an OSTDS for the type of industrial wastewater proposed in accordance with section III.A.4. of the Interagency Agreement between DEP and DOH for OSTDSs, dated September 30, 2015. In order to obtain an OSTDS permit you must apply for an OSTDS permit through the DOH County Health Department (CHD). You will then be able to file for a variance with the DOH after your permit application is initially denied. The CHD can advise you of the procedure in applying for a variance to DOH Rule 64E-6, Florida Administrative Code, and Section 381.0065, Florida Statutes. This no objection letter must be submitted as part of the variance application. If a variance is ultimately denied by DOH, this Department shall retain jurisdiction.

This no objection letter is specific for the purpose requested and is not transferable for any other use or any other owner or tenant without prior approval from this Department. The continued use of the OSTDS is contingent upon satisfactory system performance. When an approved sewage collection system becomes available, the owner of this system may be required to apply for connection. Also, should the OSTDS prove to be inadequate to achieve acceptable treatment and disposal, or should regulations change, this facility may be required to obtain a permit for a wastewater facility from the DEP.

If this letter is used to obtain an OSTDS permit from DOH, it will be incorporated into the permit record. The use of this letter to obtain a DOH permit constrains the property owner, subsequent owners and leaseholders of the installation to agree to routine inspections of that facility and its source of wastes during reasonable business hours by this agency and/or the CHD.

Many commonly encountered materials may not be disposed of in an OSTDS because they are not biodegradable by the system, will contaminate groundwater, or impair the function of the system. Some examples of inappropriate materials are: solvents, thinners, fuels, lubricants, hydraulic oil, vehicle radiator fluid, pesticides, herbicides, inks, mineral acids, lye, photographic wastes, and chemical lab wastes. Disposal of all wastes shall be in accordance with appropriate regulations. This Department has the duty and reserves the right to take enforcement action for violations of groundwater quality. Such enforcement action may, in part, require the owner at his or her own expense to install and operate a ground water monitoring system, prepare a contamination assessment plan, and provide remedial action to remove and dispose of environmentally offensive and health-threatening materials from the affected soil and water. Additionally, the Department may seek court-imposed penalties of up to \$10,000 per day for each day of water quality violation.

If you have any questions concerning this matter, please contact Chuck Harrell by email at charles.harrell@floridadep.gov or by phone at (850) 595-0581.

Sincerely,



Katie Ates
Water and Wastewater Permitting Manager

c:

Crystal Steele, Florida Department of Health Walton County (Crystal.Steele@flhealth.gov)
Maurice Barker, DEP Wastewater Management Program (Maurice.Barker@dep.state.fl.us)
Michael Fuller, DEP NWD Panama City Branch Office (Michael.Fuller@dep.state.fl.us)

Mission:

To protect, promote & improve the health of all people in Florida through integrated state, county & community efforts.



Ron DeSantis
Governor

Joseph A. Ladapo, MD, PhD
State Surgeon General

Vision : To be the Healthiest State in the Nation

March 04, 2022

Rudy Mall (Dewberry Engineers Inc)
877 N County Road 393
Santa Rosa Beach, FL 32459

Application Denial and Notice of Right to Administrative Proceedings
Application Document No: AP1784970
State Hwy 20
Santa Rosa Beach, FL 32459
Lot: 1-7 Block: D Subdivision: Mullet Creek

Dear Applicant:

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You are hereby notified that your application is denied because the proposal described does not meet the requirements of section 381.0065, Florida Statutes, or Chapter 64E-6, Florida Administrative Code. Specifically the proposal has the following violations:

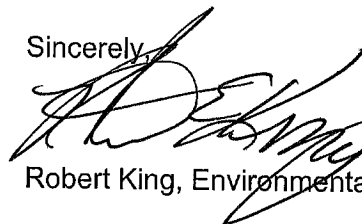
<u>Code Citation</u>	<u>Letter Detail</u>	<u>Code Citation Description</u>
64E-6.002(27), F.A.C.	As a fire station, which will be utilizing the washing services on site to wash personal protective equipment, you are required to obtain septic permitting through the Florida Department of Environmental Protection. If the Florida Department of Environmental Protection decides they will waive this permitting requirement, you will be required to obtain variance approval from the Variance committee prior to permitting approval from the Florida Department of Health.	Industrial, hazardous, or toxic sewage waste

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Your lot may qualify for a performance based treatment system under Part IV, Chapter 64E-6, Florida Administrative Code. You should consult with a professional engineer registered in Florida for further information on performance based systems.

If you have any questions on this matter, please call our office at (850) 892-8021.

Sincerely,



Robert King, Environmental Specialist III

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Please note there are specific requirements and deadlines for variance applications. Please call your local county health department representative for information on how to file for a variance request.



- Legend**
- City Labels
 - Landmarks
 - Parcels

Parcel Number	22-15-21-41090-00D-0010	Physical Address		Building Value	\$0	Just Value	\$344,833	Last 2 Sales Date		Price		Vacant	Qual
Acreage	11.409	Mailing Address	WALTON COUNTY	Misc Value	\$0	Assessed Value	\$327,477	10/23/2018		\$306,000	Y	U	
Property Usage	COUNTY	Address	76 N 6TH ST DEFUNIAK SPRINGS, FL 32433	Land Value	\$344,833	Exempt Value	\$327,477	7/24/2015	MLS	\$467,400	Y	U	
				Ag Land Value	\$0	Taxable Value	\$0						
				Ag Market Value	\$0								

Date created: 5/3/2022
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