GRANDY MANOR POPLAR BRANCH TOWNSHIP, CURRITUCK COUNTY, NORTH CAROLINIA

PRELIMINARY STORMWATER MANAGEMENT NARRATIVE

MARCH 27, 2025

PREPARED BY:



1805 West City Drive, Unit E Elizabeth City, NC 27909 252.621.5030 License No. C-1652 www.timmons.com



Grandy Manor – 20-LOT SUBDIVISION

Site Information

Grandy Manor is a 23.04-acre project located adjacent to Poplar Branch Road to the east and the just off of U.S. Highway 158 – Caratoke Highway on the West in Grandy, Poplar Branch Township. The site <u>does not</u> contain any U.S. Army Corps of Engineers wetlands. The majority of the site is wooded with some fallow field and consist of existing perimeter drainage ditches and a cross ditch that captures the over land runoff from the property and further conveys that runoff downstream to "Outlaw Ditch."

The topography of the site is gently sloping from East to West from Poplar Branch Road to the wooded areas and ditches. Elevations range from 10 to 12-foot MSL.

Soils within the site consist primarily of Portsmouth (Pt) fine sandy loam in the central area of the site and a mix of Conetoe (CnA) and Dragston (Ds) loamy fine sand soils throughout the remainder of the project.

Proposed Development

The proposed development will utilize vegetative swales to convey runoff from the proposed lots alongside property lines, to either rear property line ditches, new roadside ditches or directly to the stormwater BMP's. The BMP's will incorporate an outfall structure at the downstream ends that will outlet to the existing cross ditch that leads north to Outlaw Ditch. Off-site runoff from the adjacent parcels to the south of the property and highway drainage from the west will be allowed to continue draining through the existing ditches.

Preliminary Analysis

The proposed development will not negatively affect the existing off-site drainage. Perimeter ditches will be unchanged and cross ditches only relocated as necessary to work with the proposed development pattern. Is the intention of this development to utilize the NCDEQ's Low Density Stormwater Permit option to ensure that the proposed development maintains a low impact design. The proposed BMP storage will be designed and constructed in accordance with the County's Stormwater Manual. It is anticipated that any rise in stormwater runoff to the downstream water surface of Outlaw Ditch will be below 0.01 feet. HEC-RAS models for the site will be provided during the Permitting & Construction document phase.

Proposed Street Name Review and Addition to Master Street List Form

To Be Completed By Applicant				
Subdivision Name:	Grandy Manor			
Subdivision Type:	Conservation Subdivision			
Applicant:	Howard Land Development, Inc.			
Address:	2854A Cataoke Highway			
	Subject Parcel - PIN # 009400161B0000, 009400161C0000, 009400001680000			
Phone:	252-202-3500	Fax:		
Proposed Street Nat	me(s):	ELOON LN REGERVED		
Alternate Street Nan Grandy Manor Way		nst one (1) alternate street name		
To Be Completed By County Staff				
Proposed street name	es with a check mark have b	been approved. Proposed street names with an X mark have been denied. Date: 3 27 25		
Reviewed By:	Harry 1- Lee	Date: 3 27 25		
Add the following da Street Name:	ta to the Master Street	List:		
Address Range:				
F&R #:				
Community:				
ZIP:				
Location:				
Plat Approval Date:				
l .				

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Site Location:

Lot 1 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

If unsuitable, the site may be reclassified to provisionally suitable with the following modification(s):

* Shallow Placement - Type II System

To obtain an Authorization to Construct:

- * Submit a plat or scale drawing of the lot, showing location and dimensions of all property lines, proposed structures and driveways
- * Pay permit fee of \$420

Comments:

A benchmark should be set so original grade is known. Some sand fill may be needed since removal of trees typically lowers ground elevation.

EHS:

Carver, Kevin

Date: 04/09/2025

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 2 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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Date: 04/09/2025

Carver, Kevin

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 3 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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Carver, Kevin

Date: 04/09/2025

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 4 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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ehs

Carver, Kevin

THIS APPROVAL WILL BECOME VOID AFTER 12 MONTHS AND A NEW APPLICATION WILL BE NECESSARY.

Date: 04/09/2025

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 5 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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Carver, Kevin

Date: 04/09/2025

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 6 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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EHS:

Date: 04/09/2025

Carver, Kevin

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 7 Poplar Branch Road Grandy, NC 27939

GPD:

360

LTAR: 0.500

0

Classification:

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Date: 04/09/2025

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929 Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 8 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500

Classification: Suitable

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EHS:

Carver, Kevin

Date: 04/09/2025

451426

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 9 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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EHS:

Carver, Kevin

Date: 04/09/2025

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 10 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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EHS:

Carver, Kevin

Date: 04/09/2025

4

451428

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 11 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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EHS:

Carver, Kevin

Date: 04/09/2025

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 12 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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Carver, Kevin

Date: 04/09/2025

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 13 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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Date: 04/09/2025

Carver, Kevin

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 14 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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Carver, Kevin

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Date: 04/09/2025

451432

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 15 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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EHS:

Carver, Kevin

Date: 04/09/2025

451433

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929 Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 16 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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EHS:

Carver, Kevin

Date: 04/09/2025

451435

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 17 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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EHS:

Carver, Kevin

Date: 04/09/2025

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 18 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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Comments: 🔗

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EHS:

Carver, Kevin

Date: 04/09/2025

451437

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 19 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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Carver, Kevin

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Date: 04/09/2025

Applicant:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, NC 27929

Owner:

Howard Land Dev. Co 2854 A Caratoke Hwy Currituck, 27929

Site Location:

Lot 20 Poplar Branch Road Grandy, NC 27939

GPD: 360 LTAR: 0.500 Classification: Suitable

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EHS:

Carver, Kevin

Date: 04/09/2025



County Contact Information	
Will Rumsey, Utilities Manager 444 Maple Road Maple, NC 27956 Website: https://co.currituck.nc.us/departments	Phone: 252.232.2769 Fax: 252.453.3721 <u>/water/</u>
Request	
This request is for: Single Family Residence Residential Development Non-residential	
Owner Information	
Name(s): Howard Land Development, Inc. Mailing Address: 2854 A Caratoke Hwy., Curritu	ick, NC 27929
E-Mail Address: cahowardjr@hotmail.com Phone Number: 252.202.3500	
Applicant Information (if different from Owner)	
Name(s):	-
Mailing Address:	
E-Mail Address:	
Phone Number:	

Parcel Information			
PIN(s): 0094000161B0000, 0094000161C00000, 0094000016800000			
Street Address: Poplar Branch Road			
Project Information			
Name of Project: Grandy Manor			
Number of Units:20 Projected Daily Project Demand (gpd): 7200			
Anticipated Water Access Date: August 2025			
Applicant's Signature			
I declare, that to the best of my knowledge, the information provided herein is true, correct, and complete.			
Property Owner/Applicant Signature 4-15-25 Date			
Note: Water connection and/or developmental fees are due at building permit application. See the Currituck County Master Fee Schedule for rates. https://co.currituck.nc.us/master-fee-schedule/			
For Office Use Only			
Water capacity is available for this project.			
☐ Water capacity is not available for this project.			
Utilities Manager Date County Manager Date			
This capacity availability is good for one year			

Currituck County

Public Services Department

Will Rumsey, Utilities Manager



446 Maple Rd. Maple NC 27956 Phone 252-232-6061 Fax 252-453-3721

Email: will.rumsey@CurrituckCountyNC.gov

March,28 2025 Mr. Jason Mizelle / Timmons Group 1805 West City Drive Elizabeth City, NC 27909 2600 North Croatan Hwy Suite 100 Kill Devil Hills, NC 27948

Subject: Commitment to serve letter for Grandy Manor

The Currituck Mainland Water System will commit to serving water for Grandy Manor a 20-lot subdivision off Poplar Branch Road, when all fees are paid to the system and the project final approval is given by the Currituck County Engineering and Planning staff. Please submit a Mainland Water Capacity Availability Form.

Sincerely,

Will Rumsey Utilities Manager Currituck County

Currituck County

Public Services Department

Will Rumsey, Utilities Manager



446 Maple Rd. Maple NC 27956 Phone 252-232-6061 Fax 252-453-3721

Email: will.rumsey@CurrituckCountyNC.gov

March,28 2025 Mr. Jason Mizelle / Timmons Group 1805 West City Drive Elizabeth City, NC 27909 2600 North Croatan Hwy Suite 100 Kill Devil Hills, NC 27948

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Sincerely,

Will Rumsey Utilities Manager Currituck County