



Engineering 212 Operations Center Drive Wilmington, NC 28412 910 341-7807 910 341-5881 fax wilmingtonnc.gov Dial 711 TTY/Voice

COMPREHENSIVE STORMWATER MANAGEMENT PERMIT

HIGH DENSITY DEVELOPMENT

SECTION 1 – APPROVAL

Having reviewed the application and all supporting materials, the City of Wilmington has determined that the application is complete and the proposed development meets the requirements of the City of Wilmington's Comprehensive Stormwater Ordinance.

PERMIT HOLDER: Home Place of Wilmington, LLC

PROJECT: The Homeplace ADDRESS: 1240 Beasley Road

PERMIT #: **2017036R1** DATE: **May 24, 2023**

Therefore, the above referenced site is hereby approved and subject to all conditions set forth in Section 2 of this approval and all applicable provisions of the City of Wilmington Comprehensive Stormwater Management Ordinance.

This permit shall be effective from the date of issuance until 05/24/2031 and shall be subject to the following specified conditions and limitations:

Section 2 - CONDITIONS

- 1. This approval is valid only for the stormwater management system as proposed on the approved stormwater management plans dated 01/08/2018.
- 2. The project will be limited to the amount and type of built-upon area indicated in Section IV of the Stormwater Management Application Form submitted as part of the approved stormwater permit application package, and per the approved plans.
- 3. This permit shall become void unless the facilities are constructed in accordance with the approved stormwater management plans, specifications and supporting documentation, including information provided in the application and supplements.
- 4. The runoff from all built-upon area within any permitted drainage area must be directed into the permitted stormwater control system for that drainage area.
- 5. The permittee shall submit a revised stormwater management application packet to the City of Wilmington and shall have received approval prior to construction, for any modification to the approved plans, including, but not limited to, those listed below:
 - a. Any revision to any item shown on the approved plans, including the stormwater management measures, built-upon area, details, etc.
 - b. Redesign or addition to the approved amount of built-upon area or to the drainage area.
 - c. Further subdivision, acquisition, lease or sale of any part of the project area.
 - d. Filling in, altering, or piping of any vegetative conveyance shown on the approved plan.
 - e. Construction of any permitted future areas shown on the approved plans.





Engineering 212 Operations Center Drive Wilmington, NC 28412 910 341-7807 910 341-5881 fax wilmingtonnc.gov Dial 711 TTY/Voice

- 6. A copy of the approved plans and specifications shall be maintained on file by the Permittee.
- 7. During construction, erosion shall be kept to a minimum and any eroded areas of the system will be repaired immediately.
- 8. If the stormwater system was used as an Erosion Control device, it must be restored to design condition prior to operation as a stormwater treatment device, and prior to issuance of any certificate of occupancy for the project.
- 9. All areas must be maintained in a permanently stabilized condition. If vegetated, permanent seeding requirements must follow the guidelines established in the North Carolina Erosion and Sediment Control Planning and Design Manual unless an alternative is specified and approved by the City of Wilmington.
- 10. All stormwater treatment systems as well as access to nearest right-of-way must be located in recorded easements.
- 11. All applicable operation & maintenance agreements and easements pertaining to each stormwater treatment system shall be referenced on the final plat and recorded with the Register of Deeds upon final plat approval. If no plat is recorded for the site the operation and maintenance agreements and easements shall be recorded with the Register of Deeds so as to appear in the chain of title of all subsequent purchasers under generally accepted searching standards.
- 12. The stormwater management system shall be constructed in its entirety, vegetated and operational for its intended use prior to the construction of any built-upon surface unless prior approval is obtained. City Staff must be notified of any deviation prior to construction of the built-upon surface. Any deviation request shall include justification and must propose an alternative timeline or construction sequence. Notification shall not constitute approval. Any alternative timeline approved by City staff shall become an enforceable component of this permit.
- 13. The permittee shall at all times provide the operation and maintenance necessary to assure the permitted stormwater system functions at optimum efficiency. The approved Operation and Maintenance Agreement must be followed in its entirety and maintenance must occur at the scheduled intervals including, but not limited to:
 - a. Scheduled inspections (interval noted on the agreement).
 - b. Sediment removal.
 - c. Mowing and revegetation of slopes and the vegetated areas.
 - d. Maintenance of landscape plants, including those within the landscape buffer and on the vegetated shelf.
 - e. Immediate repair of eroded areas, especially slopes.
 - f. Debris removal and unclogging of outlet structure, orifice device, flow spreader, catch basins and/or piping.
 - g. Access to the outlet structure must be available at all times.
- 14. Records of inspection, maintenance and repair for the permitted stormwater system must be kept by the permittee for at least 5 years from the date of record and made available upon request to authorized personnel of the City of Wilmington. The records will indicate the date, activity, name of person performing the work and what actions were taken.





Engineering 212 Operations Center Drive Wilmington, NC 28412 910 341-7807 910 341-5881 fax wilmingtonnc.gov Dial 711 TTY/Voice

- 15. Upon completion of construction, before a Certificate of Occupancy shall be granted, and prior to operation or intended use of this permitted facility, the applicant shall submit to the City of Wilmington as-built plans for all stormwater management facilities. The plans shall show the final design specifications and the field location, type, depth, invert and planted vegetation of all measures, controls and devices, asinstalled. A certification shall be submitted, along with all supporting documentation that specifies, under seal that the as-built stormwater measures, controls and devices are in compliance with the approved stormwater management plans. A final inspection by City of Wilmington personnel will be required prior to issuance of a certificate of occupancy or operation of the permitted facility.
- 16. This permit is not transferable except after application and approval by the City of Wilmington. In the event of a change of ownership, name change or change of address the permittee must submit a completed Name/Ownership Change form to the City of Wilmington at least 30 days prior to the change. It shall be signed by all applicable parties, and be accompanied by all required supporting documentation. Submittal of a complete application shall not be construed as an approved application. The application will be reviewed on its own merits by the City of Wilmington and may or may not be approved. The project must be in compliance with the terms of this permit in order for the transfer request to be considered. The permittee is responsible for compliance with all permit conditions until such time as the City of Wilmington approves the transfer request. Neither the sale of the project nor the conveyance of common area to a third party should be considered as an approved transfer of the permit.
- 17. Failure to abide by the conditions and limitations contained in this permit may subject the Permittee to enforcement action by the City of Wilmington, in accordance with Sections 18-52 and 18-53 and any other applicable section of the Land Development Code.
- 18. The City of Wilmington may notify the permittee when the permitted site does not meet one or more of the minimum requirements of the permit. Within the time frame specified in the notice, the permittee shall submit a written time schedule to the City of Wilmington for modifying the site to meet minimum requirements. The permittee shall provide copies of revised plans and certification in writing to the City of Wilmington that the changes have been made.
- 19. The issuance of this permit does not preclude the Permittee from complying with any and all statutes, rules, regulations, or ordinances, which may be imposed by other government agencies (local, state, and federal) having jurisdiction.
- 20. In the event that the facilities fail to perform satisfactorily, including the creation of nuisance conditions, the Permittee shall take immediate corrective action, including those as may be required by the City of Wilmington, such as the construction of additional or replacement stormwater management systems.
- 21. The permittee grants City of Wilmington Staff permission to enter the property during normal business hours for the purpose of inspecting all components of the permitted stormwater management facility.





Engineering 212 Operations Center Drive Wilmington, NC 28412 910 341-7807 910 341-5881 fax wilmingtonnc.gov Dial 711 TTY/Voice

- 22. The permit issued shall continue in force and effect until revoked or terminated by the City of Wilmington. The permit may be modified, revoked and reissued or terminated for cause. The filing of a request for a permit modification, revocation and re-issuance or termination does not stay any permit condition.
- 23. The approved stormwater management plans and all documentation submitted as part of the approved stormwater management permit application package for this project are incorporated by reference and are enforceable parts of the permit.
- 24. The permittee shall submit a renewal request with all required forms and documentation at least 180 days prior to the expiration date of this permit.
- 25. If any one or more of the conditions of this permit is found to be unenforceable or otherwise invalidated, all remaining conditions shall remain in full effect.

Stormwater Management Permit issued this the 24th day of May, 2023

for Anthony Caudle, City Manager

City of Wilmington





Public Services
Engineering
212 Operations Center Dr
Wilmington, NC 28412
910 341-7807
91 341-5881 fax
wilmingtonnc.gov
Dial 711 TTY/Voice

STORMWATER MANAGEMENT PERMIT APPLICATION FORM (Form SWP 2.3)

l.	GENERAL INFORMATION
1.	Project Name (subdivision, facility, or establishment name - should be consistent with project name or plans, specifications, letters, operation and maintenance agreements, etc.): Home Place of Wilmington, LLC
2.	Location of Project (street address): 1240 Beasley Road
	City: Wilmington County: New Hanover Zip: 28409
11.	PERMIT INFORMATION
1.	Specify the type of project (check one): Low Density High Density Offsite Stormwater System Drainage Plan Redevelopment Other If the project drains to an Offsite System, list the Stormwater Permit Number(s):
	City of Wilmington: State – NCDEQ/DEMLR:
2.	Is the project currently covered (whole or in part) by an existing City or State (NCDEQ/DEMLR) Stormwater Permit? Yes No
	If yes, list all applicable Stormwater Permit Numbers:
	City of Wilmington: State - NCDEQ/DEMLR:
3.	Additional Project Permit Requirements (check all applicable): CAMA Major Sedimentation/Erosion Control 404/401 Permit
Ш.	CONTACT INFORMATION
1.	Print Applicant / Signing Official's name and title (the developer, property owner, lessee, designated government official, individual, etc. who owns the project):
	Applicant / Organization: Home Place of Wilmington, LLC
	Signing Official & Title: Thomas Street / President of HOA



	a. Contact information for Applicant / Signing	g Official:				
	Address: 3141 Casa Court City: Wilmington	State:	NC		Zip: 28409	
	Phone: 910-262-4057	State Email:	ts	street	2ip. 28@yahoo.com	
	b. Please check the appropriate box. The appropriat	oplicant lis	ted	abov	e is:	
2.	Print Property Owner's name and title (if different Property Owner / Organization: Signing Official & Title:					
	a. Contact information for Property Owner: Street Address:					
	City:	State:			Zip:	
	Phone:	Email:				
3.	(Optional) Other Contact name and title (such as a construction supervisor) who would like to be copied on all correspondence:					
	Other Contact Person / Organization: Blue Atlantic Management - Management Company					
	Signing Official & Title: Thomas Bissette - Man	ager of B	ΑM		1.11-11/11	
	a. Contact information for person listed in item 3 above:					
	Street Address: 5129 Oleander Drive Ste.	101				
	City: Wilmington	State:	NO	<u> </u>	Zip: 28403	
	Phone: 910-392-3130					
4.	Agent Authorization: Complete this section if you w firm (such as a consulting engineer and /or firm) so the project (such as addressing requests for additional in	nat they ma				
	Consulting Engineer:	·				
	Consulting Firm:					
	a. Contact information for consultant listed	above:				
	Mailing Address:					
	City:	State:			Zip:	
	Phone:	Email:				



IV. PROJECT INFORMATION

1.	Total Property Area: 518,800 square feet
2.	Total Coastal Wetlands Area: 0square feet
3.	Total Surface Water Area: 0square feet
4.	Total Property Area (1) – Total Coastal Wetlands Area (2) – Total Surface Water Area (3) = Total Project Area: 518,800 square feet.
5.	Existing Impervious Surface within Project Area: 2,528 square feet
6.	Existing Impervious Surface to be Removed/Demolished: 2,528 square feet
7.	Existing Impervious Surface to Remain: 0 square feet

8.	Total Onsite (within property boundary) Newly Constructed Impervious Surface (in square feet):

Buildings/Lots	105,900
Impervious Pavement	29,590
Pervious Pavement (total area / adjusted area w credit applied)	0 /
Impervious Sidewalks	5,940
Pervious Sidewalks (total area / adjusted area w credit applied)	0 /
Other (Describe)	0
Future Development	1750
Total Onsite Newly Constructed Impervious Surface	143,180

Total Onsite Impervious Surface (Existing Impervious Surface to remain + Onsite Newly Constructed Impervious Surface) 143,180 squ	uare feet
	uare feet
11. Project percent of impervious area: (Total Onsite Impervious Surface / Total Project Area) $x100 = \frac{2}{100}$	27.6 _%

12.	Total (Offsite	Newly	Constructed	Impervious	Area	(in square feet):
-----	---------	---------	-------	-------------	------------	------	-------------------

Total Offsite Nev		4455	
Other	(Describe)		0
Pervious Sidewall	ks (total area / adjusted area w credit applied)	0	
Impervious Sidewalks			2905
Pervious Paveme	nt (total area / adjusted area w credit applied)	0	
Impervious Paven	nent	1550	



13. Complete the following information for each Stormwater SCM drainage area. Low Density and Drainage Plan projects (with no permeable pavements) may omit this section and skip to Section V.

Basin Information	Type of SCM SCM#	Type of SCM SCM#	Type of SCM SCM#
Receiving Stream Name	UT Hewletts Creek		
Receiving Stream Index Number	18-87-26		
Stream Classification	SA;HQW		
Total Drainage Area (sf)	411,413		
On-Site Drainage Area (sf)	411,413		
Off-Site Drainage Area (sf)	0		
Buildings/Lots (sf)	105,900		
Impervious Pavement (sf)		•	
Pervious Pavement (total / adjusted) (sf)	29590 /	1	1
Impervious Sidewalks (sf)	5940		
Pervious Sidewalks (total / adjusted) (sf)	1	7	/
Other (sf)			
Future Development (sf)	1750		
Existing Impervious to remain (sf)			
Offsite (sf)			
Total Impervious Area (sf)	143180		
Percent Impervious Area (%)	34.8%		

Basin Information	Type of SCM SCM#	Type of SCM SCM#	Type of SCM SCM#
Receiving Stream Name			
Receiving Stream Index Number			
Stream Classification			
Total Drainage Area (sf)			
On-Site Drainage Area (sf)			
Off-Site Drainage Area (sf)			
Buildings/Lots (sf)			
Impervious Pavement (sf)			
Pervious Pavement (total / adjusted) (sf)	1	1	1
Impervious Sidewalks (sf)			
Pervious Sidewalks (total / adjusted) (sf)	1	1	1
Other (sf)			
Future Development (sf)			
Existing Impervious to remain (sf)			
Offsite (sf)			
Total Impervious Area (sf)			
Percent Impervious Area (%)			



V. SUBMITTAL REQUIREMENTS

Only complete application packages will be accepted and reviewed by the City. A complete package includes all of the items listed below. Copies of forms, deed restrictions, checklists as well as detailed instructions on how to complete this application form may be downloaded from the City of Wilmington Plan Review website below:

https://www.wilmingtonnc.gov/departments/engineering/plan-review/stormwater-permits

The complete application package should be submitted to the following address:

City of Wilmington – Engineering Plan Review Section 212 Operations Center Dr. Wilmington, NC 28412

Please indicate that the following required information have been provided by initialing in the space provided for each item.

Initials

		initials
1.	One completed Stormwater Management Permit Application Form.	ts
2.	One completed Supplement Form for each SCM proposed (signed, sealed and dated).	<i>ts</i>
3.	One completed Operation & Maintenance agreement for each type of SCM.	+5
4.	Proposed Deed Restrictions and Restrictive Covenants (for all subdivisions)	+5
5.	Appropriate stormwater permit review fee.	15
6.	Minimum requirements identified on the Engineering Plan Review Checklist have been addressed.	+5
7.	One set of calculations (sealed. signed and dated).	<i>t</i> \$
8.	A detailed narrative (one to two pages) describing the stormwater treatment/management system for the project.	ts
9.	A USGS map identifying the site location. If the receiving stream is reported as class SA or the receiving stream drains to class SA waters within $\frac{1}{2}$ mile of the site boundary, include the $\frac{1}{2}$ mile radius on the map.	OS NF
10.	A copy of the soils report, if applicable. Must meet NCDEQ SCM Manual and MDC requirements for the type of SCM proposed. The report must include boring logs and a map of boring locations.	MA
11.	One full set of plans folded to 8.5" x 14".	1 NA
12.	A map delineating and labeling the drainage area for each SCM proposed.	1 NA
13.	A map delineating and labeling the drainage area for each inlet and conveyance proposed.	+5
14.	A digital copy of the entire submittal package (can be submitted via flash drive, CD, email, dropbox or other file sharing system).	+5



VI. PROPERTY OWNER AUTHO	DRIZATION (If Section III(2) has been filled out, complete this section)
l,	, certify that I own the property identified in this permit application, and
thus give permission toto develop the project as currently pr has been provided with the submittal the stormwater system.	oposed. A copy of the lease agreement or pending property sales contract, which indicates the party responsible for the operation and maintenance of
agentagreement, or pending sale, response back to me, the property owner. As the immediately and submit a completed a stormwater treatment facility without	vledge, understand, and agree by my signature below, that if my designated dissolves their company and/or cancels or defaults on their lease sibility for compliance with the City of Wilmington Stormwater Permit reverts the property owner, it is my responsibility to notify the City of Wilmington Name/Ownership Change Form within 30 days; otherwise I will be operating at a valid permit. I understand that the operation of a stormwater treatment ation of the City of Wilmington Municipal Code of Ordinances and may result the assessment of civil penalties.
Signature:	Date:
OF AL	a Natawa Dublia fantha
SEAL	I,, a Notary Public for the
	State of, County of, do hereby certify that
	personally appeared before me this day of,,
	and acknowledge the due execution of the application for a stormwater
	permit. Witness my hand and official seal,
	My commission expires:
VII. APPLICANT'S CERTIFIC	
form is, to the best of my knowledge approved plans, that the required de proposed project complies with the r Stormwater Ordinance	certify that the information included on this permit application , correct and that the project will be constructed in conformance with the ed restrictions and protective covenants will be recorded, and that the equirements of the applicable rules under the City's Comprehensive
Signature: Thomas Sto	
SEAL BARBER BUBLIO ADVER SOUTH	I,
The Manual Control of the Control of	My commission expires:

<u>High Density Residential Subdivisions</u> Deed Restrictions & Protective Covenances

In accordance with Article 14, Division III of the City of Wilmington Land Development Code, deed restrictions and protective covenants are required for High Density Residential Subdivisions where lots will be subdivided and sold and runoff will be treated in an engineered stormwater control facility. Deed restrictions and protective covenants are necessary to ensure that the development maintains a "built-upon" area consistent with the design criteria used to size the stormwater control facility.

Project	Name:	Home Place of	of Wilmingt	on, LLC					
Owner	/ Develope	er:I	Home Plac	e of Wilmingtor	ı, LLC				
1.	Managen Wilmingt	nent Permit Numb on/Engineering.	er	to ensure ongoing 2017036_		as issued i	by the City	of	
2.	The City	of Wilmington is i	nade a bene gement pern	eficiary of these co	ovenants to t	the extent	necessary	to maintai	n compliance
3.	These con	venants are to run	with the la	nd and be binding	on all perso	ons and po	arties claii	ming under	them.
4.	City of W	ilmington.		er may not be alte					
5.	Wilmingt	on.		the approved plo					
6.	The maxi includes of between the asphalt, of open wood	mum allowable be any built-upon are the front lot line a concrete, compacte od decking, washe	ea construct and the edge ed gravel, br ed gravel ex	tea per lot is <u>405</u> ted within the lot p of the pavement. rick, stone, slate, o cluding fines, or t ay BUA shall not	property bou Built upon coquina, and he water sur	ındaries, d area incli l parking d face of sv	and that poudes, but is areas, but vimming p	ortion of the not limited does not in ools. Note	e right-of-way d to, structures, aclude raised
OR, if	the propo The maxi	sed built-upon a mum built-upon d	reas per lot rea per lot,	t will vary, please in square feet, is	e REPLACI as listed bel	E# 6 abov ow:	e with the	following	
	Lot #	BUA	Lot #	BUA	Lot #	BUA		Lot #	BUA*
Lot	13 & 14_	4,350			_Lot 1-12 &	& 15- 26	4,050_		
	Check _ * If addi	Yes or tional space is ne	_XNo i	if additional lot B e attach lot BUA s	UA informat preadsheet.	tion has b	een attach	ned.	
	of the rig limited to not inclu	ht-of-way between o, structures, asph de raised open wo	n the front l alt, concret ood decking	lt-upon area consi ot line and the ed e, compacted grav , washed gravel e ed as right-of-way	ge of the pav el, brick, sto xcluding find	rement. Bi ne, slate, es, or the	uilt upon a coquina, c water surj	rea include and parking face of swin	es, but is not g areas, but does nming pools.
7.	through of the street stormwai	a variety of means t, or grading perio	s including i neter swale	n the lot must dra roof drain gutters s to collect the lot at will naturally di	which drain runoff and d	to the str directing i	eet, gradii them into d	ng the lot to a componer	o drain toward nt of the
		ffirm and agree by to the sale of any		ure below, that I v	vill cause the	e followin	g deed res	trictions ar	id covenants to
		homas,				Date:	_March 2	2, 2023	
Print N	ame:	Thomas S	treet	*					

STORMWATER MANAGEMENT PERMIT APPLICATION FORM 401 CERTIFICATION APPLICATION FORM

WET DETENTION BASIN SUPPLEMENT

This form must be filled out, printed and submitted.

The Required Items Checklist (Part III) must be printed, filled out and submitted along with all of the required information.

Tripp Enginering, PC, Phillip Tripp	Project name	The Homeplace		
Date Drainage area number 1 II. DESIGN INFORMATION	Contact person		Tripp Enginerring, PC, Phillip Tripp	
Design in FORMATION Site Characteristics Standard S	Phone number		10.75 10.6 10.75 10.5 10.5 10.5 10.5 10.5 10.5 10.5 10.	
Site Characteristics Drainage area Impervious area, post-development Site Characteristics Drainage area Impervious area, post-development Storage Volume: Non-SA Waters Minimum volume required Storage Volume: SA Waters 1.5' runoff volume	Date	3/2/2017		
Site Characteristics Drainage area Impervious area, post-development Storage Volume: Non-SA Waters Minimum volume required Volume provided Storage Volume: SA Waters 1.5" unoff volume 1.5" unoff vol	Drainage area number	1		
Drainage area 587,461 ft² 227,285 ft² 43.00 % 1.50 fms 1	II. DESIGN INFORMATION			
Impervious area, post-development % impervious Storage Volume: Non-SA Waters Minimum volume required Volume provided **To storage Volume: SA Waters **To storage Volume: SA Waters **Storage Volume: SA Waters **Insufficient required volume. **Ok, volume provided is equal to or in excess of volume required. **Ok, volume provided is equal to or in excess of volume required. **Ok, volume provided is equal to or in excess of volume required. **Ok, volume provided is equal to or in excess of volume required. **Ok, volume provided is equal to or in excess of volume required. **Ok, volume provided is equal to or in excess of volume required. **Ok, volume provided is equal to or in excess of volume required. **Ok, volume provided is equal to or in excess of volume required. **Ok, volume provided is equal to or in excess of volume required. **Ok, volume provided is equal to or in excess of volume required. **Ok, volume provided is equal to or in excess of volume required. **Ok, volume provided is equal to or in excess of volume required. **Ok, volume provided is equal to or in excess of volume required. **Ok, volume provi	Site Characteristics			
Storage Volume: Non-SA Waters 19,350 pt 1 1 1 1 1 1 1 1 1	Drainage area			
Design rainfall depth Storage Volume: Non-SA Waters Minimum volume required Volume provided 30,852 ft 3 OK, volume provided is equal to or in excess of volume required. Storage Volume: SA Waters 15' runoff volume Pre-development 1-yr, 22-thr runoff ft 3 Post-development 1-yr, 22-thr runoff ft 3 Minimum volume required Peak Flow Calculations Is the prelipost control of the 1yr 24thr storm peak flow required? 1-yr, 24-thr rainfall depth Rational C, pre-development Rational C, pre-development 1-yr, 24-thr pack flow 1-yr, 24-thr pack flow control 1-yr, 24-thr pack flow 1-yr, 24-thr pack flow control 1-yr, 24-thr pack flow 1-yr,	Impervious area, post-development	257,285 ft ²		
Storage Volume: Non-SA Waters Minimum volume required 19,350 ft 3 30,852 ft 3 OK, volume provided is equal to or in excess of volume required. Storage Volume: SA Waters 1.5' runoff volume 1.5' runoff volume required 1.5' runoff volume provided is equal to or in excess of volume required. OK, volume provided is equal to or in excess of volume required. OK, volume provided is equal to or in excess of volume required. OK, volume provided is equal to or in excess of volume required. OK, volume provided is equal to or in excess of volume required. OK, volume provided is equal to or in excess of volume required. OK, volume provided is equal to or in excess of volume required. OK, volume provided is equal to or in excess of volume required. OK, volume provided is equal to or in excess of volume required. OK, volume provided is equal to or in excess of volume required. OK, volume provided is equal to or in excess of volume required. OK, volume provided is equal to or in excess of volume required. OK, volume provided is equal to or in excess of volume required. OK, volume provided is equal to or in excess of volume required.	% impervious	43.80 %		
Minimum volume required 19,350 ft anoutificient required volume. Not wolume provided Storage Volume: SA Waters 1.5* runoff volume Pre-development 1-yr, 24-hr runoff Pre-development 1-yr, 24-hr runoff Minimum volume required Peak Flow Calculations Is the pre/post control of the 1yr 24hr storm peak flow required? 1,yr, 24-hr rainfald epth Railonal C, pre-development 1,yr, 24-hr rainfald epth Railonal C, pre-development 1,yr, 24-hr storm Pre-development 1-yr, 24-hr peak flow 12,92 ft //sec Pre/Post 1-yr, 24-hr peak flow 12,92 ft //sec Pre/Post 1-yr, 24-hr peak flow 12,92 ft //sec Pre/Post 1-yr, 24-hr peak flow 14,00 fmsl SHVPT elevation (approx, at the perm, pool elevation) 15,00 fmsl 10,00 ft vegetated shelf elevation 10 ft vegetated shelf elevation Sediment cleanout, bottom elevation Sediment cleanout, bottom elevation Sediment cleanout, bottom elevation Sediment storage provided 15,00 fmsl	Design rainfall depth	1.5 in		
Storage Volume: SA Waters 1.5" runoff volume Pre-development 1-yr, 24-hr runoff Minimum volume required Volume provided 18				
Storage Volume: SA Waters 1.5" runoff volume Pre-development 1-yr, 24-hr runoff Post-development 1-yr, 24-hr runoff Initial wolume required Volume provided Peak Flow Calculations Is the pre/post control of the 1yr 24hr storm peak flow required? 1-yr, 24-hr rainfall depth Rational C, post-development Rational C, post-development Rainfall intensity: 1-yr, 24-hr storm Rainfall intensity: 1-yr, 24-hr peak flow Pre-development 1-yr, 24-hr peak flow 11.99 ft sec Post-development 1-yr, 24-hr peak flow Pre-development 1-yr, 24-hr peak flow 12.92 ft sec Post-development 1-yr, 24-hr peak flow 12.92 ft sec Post-development 1-yr, 24-hr peak flow 15.05 fms Elevations Elevations Elevations Elevation SHWT elevation (approx. at the perm. pool elevation) Top of 10ft vegetated shelf elevation Stoff medicanout, to petewation (bottom of pond) Sediment cleanout, to petewation Sediment cleanout, bottom elevation Sediment cleanout, bottom elevation Sediment storage provided Is there additional volume stored above the state-required temp. pool? Y (Y or N)	Minimum volume required	19,350 ft ³	Insufficient required volume.	
Storage Volume: SA Waters 1.5" nnoff volume Pre-development 1-yr, 24-hr runoff Pre-development 1-yr, 24-hr runoff Minimum volume required Peak Flow Calculations Is the pre/post control of the 1yr 24hr storm peak flow required? Peak Flow Calculations Is the pre/post control of the 1yr 24hr storm peak flow required? 1-yr, 24-hr rainfall depth Rational C, post-development Rational C, post-development Rational C, post-development Rational C, post-development Rational T, post-flow with the peak flow 12.92 ft //sec Pre-development 1-yr, 24-hr peak flow 12.92 ft //sec Pre/Post 1-yr, 24-hr peak flow 25.83 ft //sec Pre/Post 1-yr, 24-hr peak flow 15.00 fmsl Permanent pool elevation SHWT elevation (approx. at the perm. pool elevation) 15.00 fmsl Sediment cleanout, top elevation (bottom of pond) Sediment cleanout, top elevation (bottom of pond) Sediment cleanout, bottom elevation Sediment storage provided Is there additional volume stored above the state-required temp. pool? Y (Y or N)	Volume provided	30,852 ft ³	OK, volume provided is equal to or in excess of volume required.	
Pre-development 1-yr, 24-hr runoff Post-development 1-yr, 24-hr runoff Minimum volume required Volume provided Peak Flow Calculations Is the pre/post control of the 1yr 24hr storm peak flow required? 1-yr, 24-hr rainfall depth Rational C, pre-development Rational C, pre-developme	Storage Volume: SA Waters	-		
Pre-development 1-yr, 24-hr runoff Post-development 1-yr, 24-hr runoff Minimum volume required Volume provided Peak Flow Calculations Is the pre/post control of the 1yr 24hr storm peak flow required? 1-yr, 24-hr rainfall depth Rational C, pre-development Rational C, pre-developme	1.5" runoff volume	ft ³		
Post-development 1-yr, 24-hr runoff Minimum volume required Volume provided Peak Flow Calculations Is the pre/post control of the 1yr 24hr storm peak flow required? 1-yr, 24-hr rainfall depth Rational C, post-development Rational C, post-development Rational C, post-development Rational T-yr, 24-hr storm Rational T-yr, 24-hr peak flow Pre-development 1-yr, 24-hr peak flow Top-of 10-yr, 24-hr peak flow Temporary pool elevation Temporary pool elevation Permanent pool elevation SHWT elevation (approx. at the perm. pool elevation) Top of 10ft vegetated shelf elevation SHWT elevation (approx. at the perm. pool elevation) Top of 10ft vegetated shelf elevation Sediment cleanout, top elevation (bottom of pond) Sediment cleanout, top elevation Sediment storage provided Is there additional volume stored above the state-required temp. pool? Y (Y or N)	Pre-development 1-yr, 24-hr runoff			
Minimum volume required Peak Flow Calculations Is the pre/post control of the 1yr 24hr storm peak flow required? 1-yr, 24-hr rainfall depth Rational C, pre-development Rational C, post-development Rainfall intensity: 1-yr, 24-hr storm Pre-development 1-yr, 24-hr peak flow Pre-development 1-yr, 24				
Step Peak Flow Calculations	CONTRACTOR			
Is the pre/post control of the 1yr 24hr storm peak flow required? 1-yr, 24-hr rainfall depth Rational C, pre-development Rational C, post-development Rational C, post-development Rainfall intensity: 1-yr, 24-hr storm Pre-development 1-yr, 24-hr peak flow Pre-development 1-yr, 24-hr peak flow Pre-development 1-yr, 24-hr peak flow Pre-flost 1-yr, 24-hr peak flow Pre-flost 1-yr, 24-hr peak flow Pre-flost 1-yr, 24-hr peak flow control Elevations Temporary pool elevation Permanent pool elevation SHWT elevation (approx. at the perm. pool elevation) SHWT elevation (approx. at the perm. pool elevation) SHOT vegetated shelf elevation Bottom of 10ft vegetated shelf elevation Bottom of 10ft vegetated shelf elevation Sediment cleanout, top elevation (bottom of pond) Sediment cleanout, top elevation (bottom of pond) Sediment cleanout, bottom elevation Sediment storage provided Is there additional volume stored above the state-required temp. pool? Y (Y or N)	Volume provided	ft ³		
Is the pre/post control of the 1yr 24hr storm peak flow required? 1-yr, 24-hr rainfall depth Rational C, pre-development Rational C, post-development Rational C, post-development Rainfall intensity: 1-yr, 24-hr storm Pre-development 1-yr, 24-hr peak flow Pre-development 1-yr, 24-hr peak flow Pre-development 1-yr, 24-hr peak flow Pre-flost 1-yr, 24-hr peak flow Pre-flost 1-yr, 24-hr peak flow Pre-flost 1-yr, 24-hr peak flow control Elevations Temporary pool elevation Permanent pool elevation SHWT elevation (approx. at the perm. pool elevation) SHWT elevation (approx. at the perm. pool elevation) SHOT vegetated shelf elevation Bottom of 10ft vegetated shelf elevation Bottom of 10ft vegetated shelf elevation Sediment cleanout, top elevation (bottom of pond) Sediment cleanout, top elevation (bottom of pond) Sediment cleanout, bottom elevation Sediment storage provided Is there additional volume stored above the state-required temp. pool? Y (Y or N)	Peak Flow Calculations		Proceeder BBO Of District Annual College and the Space of Annual College and Annua	
1-yr, 24-hr rainfall depth Rational C, pre-development Rational C, post-development Rainfall intensity: 1-yr, 24-hr sotrm Pre-development 1-yr, 24-hr peak flow Pre-development 1-yr, 24-hr peak flow Pre-fevelopment 1-yr, 24-hr peak flow Pre-fost 1-yr, 24-hr peak flow Pre-fost 1-yr, 24-hr peak flow control Elevations Temporary pool elevation Permanent pool elevation SHWT elevation (approx. at the perm. pool elevation) SHWT elevation (approx. at the perm. pool elevation) Top of 10ft vegetated shelf elevation Bottom of 10ft vegetated shelf elevation Sediment cleanout, top elevation (bottom of pond) Sediment cleanout, bottom elevation Sediment storage provided Is there additional volume stored above the state-required temp. pool? Y (Y or N)		Y (Y or N)	ECEIWE	
Rational C, pre-development Rational C, post-development Rational C, post-		A CONTRACTOR OF THE CONTRACTOR	The state of the s	
Rational C, post-development Rainfall intensity: 1-yr, 24-hr storm Pre-development 1-yr, 24-hr peak flow Pre-development 1-yr, 24-hr peak flow Pre-fevelopment 1-yr, 24-hr peak flow P			l box	
Rainfall intensity: 1-yr, 24-hr storm Pre-development 1-yr, 24-hr peak flow Pre-development 1-yr, 24-hr peak flow Pre-flost 1-yr, 24-hr peak flow control Elevations Temporary pool elevation Permanent pool elevation SHWT elevation (approx. at the perm. pool elevation) SHWT elevation (approx. at the perm. pool elevation) 15.50 fmsl Pottom of 10ft vegetated shelf elevation Bottom of 10ft vegetated shelf elevation Sediment cleanout, top elevation (bottom of pond) Sediment storage provided Is there additional volume stored above the state-required temp. pool? Y (Y or N)			MAR 2 3 2017	
Pre-development 1-yr, 24-hr peak flow Post-development 1-yr, 24-hr peak flow Pre/Post 1-yr, 24-hr peak flow control Elevations Temporary pool elevation Permanent pool elevation SHWT elevation (approx. at the perm. pool elevation) Top of 10ft vegetated shelf elevation Bottom of 10ft vegetated shelf elevation Sediment cleanout, top elevation Sediment storage provided Is there additional volume stored above the state-required temp. pool? It is there additional volume stored above the state-required temp. pool? It is there additional volume stored above the state-required temp. pool? It is there additional volume stored above the state-required temp. pool? It is there additional volume stored above the state-required temp. pool? It is there additional volume stored above the state-required temp. pool? It is there additional volume stored above the state-required temp. pool? It is there additional volume stored above the state-required temp. pool? It is there additional volume stored above the state-required temp. pool? It is there additional volume stored above the state-required temp. pool? It is there additional volume stored above the state-required temp. pool? It is there additional volume stored above the state-required temp. pool?			OK OK	
Post-development 1-yr, 24-hr peak flow Pre/Post 1-yr, 24-hr peak flow control Elevations Temporary pool elevation Permanent pool elevation SHWT elevation (approx. at the perm. pool elevation) Top of 10ft vegetated shelf elevation Bottom of 10ft vegetated shelf elevation Sediment cleanout, top elevation (bottom of pond) Sediment cleanout, bottom elevation Sediment storage provided Is there additional volume stored above the state-required temp. pool? Televation (38.75 ft³/sec ENGINEERING #**/sec ENGINEERING #**/sec ENGINEERING #**/sec ENGINEERING #**/sec ENGINEERING #**/sec ENGINEERING #**/sec #**/sec				
Elevations Temporary pool elevation Permanent pool elevation SHWT elevation (approx. at the perm. pool elevation) Top of 10ft vegetated shelf elevation Bottom of 10ft vegetated shelf elevation Sediment cleanout, top elevation (bottom of pond) Sediment cleanout, bottom elevation Sediment storage provided Is there additional volume stored above the state-required temp. pool? Elevation 15.00 fmsl 15.50 fmsl 15.50 fmsl 14.50 fmsl 13.50 fm	Post-development 1-yr, 24-hr peak flow		ENGINEERING	
Temporary pool elevation 15.00 fmsl Permanent pool elevation 14.00 fmsl SHWT elevation (approx. at the perm. pool elevation) 15.50 fmsl Top of 10ft vegetated shelf elevation 14.50 fmsl Bottom of 10ft vegetated shelf elevation 13.50 fmsl Sediment cleanout, top elevation (bottom of pond) 7.00 fmsl Sediment cleanout, bottom elevation 6.00 fmsl Sediment storage provided 1.00 ft Is there additional volume stored above the state-required temp. pool? Y (Y or N)			FINGUALFUNA	
Permanent pool elevation SHWT elevation (approx. at the perm. pool elevation) Top of 10ft vegetated shelf elevation Bottom of 10ft vegetated shelf elevation Sediment cleanout, top elevation (bottom of pond) Sediment cleanout, bottom elevation Sediment storage provided Is there additional volume stored above the state-required temp. pool? 14.50 fmsl Top of 10ft vegetated shelf elevation 13.50 fmsl Top of 10ft vegetated shelf	Elevations			
SHWT elevation (approx. at the perm. pool elevation) Top of 10ft vegetated shelf elevation Bottom of 10ft vegetated shelf elevation Sediment cleanout, top elevation (bottom of pond) Sediment cleanout, bottom elevation Sediment storage provided Is there additional volume stored above the state-required temp. pool? Times Ti	Temporary pool elevation	15.00 fmsl		
Top of 10ft vegetated shelf elevation Bottom of 10ft vegetated shelf elevation Sediment cleanout, top elevation (bottom of pond) Sediment cleanout, bottom elevation Sediment storage provided Is there additional volume stored above the state-required temp. pool? 14.50 fmsl 6.00 fmsl 7.00 ft (Y or N)				
Bottom of 10ft vegetated shelf elevation Sediment cleanout, top elevation (bottom of pond) Sediment cleanout, bottom elevation Sediment storage provided Sediment storage provided Sediment storage provided Sediment storage provided Tool fit (Y or N)				
Sediment cleanout, top elevation (bottom of pond) Sediment cleanout, bottom elevation Sediment storage provided Sediment storage provided Sediment storage provided The storage provided state-required temp. pool? Your Night storage provided (Y or Night)				
Sediment cleanout, bottom elevation Sediment storage provided 1.00 ft Is there additional volume stored above the state-required temp. pool? Y (Y or N)				
Sediment storage provided 1.00 ft Is there additional volume stored above the state-required temp. pool? Y (Y or N)				
Is there additional volume stored above the state-required temp. pool? Y (Y or N)				
	Sediment storage provided	1.00 ft		
Elevation of the top of the additional volume 15.0 fmsl OK	Is there additional volume stored above the state-required temp. pool?	Y (Y or N)		
	Elevation of the top of the additional volume	15.0 fmsl	OK	

I. PROJECT INFORMATION

II. DESIGN INFORMATION		
Surface Areas		
Area, temporary pool	32,671 ft ²	
Area REQUIRED, permanent pool	10,687 ft ²	
SA/DA ratio	0.02 (unitless)	
Area PROVIDED, permanent pool, A _{perm pool}	28,605 ft ²	OK
Area, bottom of 10ft vegetated shelf, A _{bot shelf}	26,274 ft ²	
Area, sediment cleanout, top elevation (bottom of pond), A _{bot pond}	9,244 ft ²	
Volumes	0,211	
Volume, temporary pool	30,852 ft ³	OK
Volume, permanent pool, V _{perm, pool}	128,844 ft ³	
Volume, forebay (sum of forebays if more than one forebay)	26,358 ft ³	
Forebay % of permanent pool volume	20.5% %	OK
V → CONTROL VIEW OF SECURITION OF THE CONTROL OF THE SECURITIES OF THE CONTROL O	20.570 70	OK .
SA/DA Table Data Design TSS removal	90 %	
Coastal SA/DA Table Used?	Y (Y or N)	
Mountain/Piedmont SA/DA Table Used?	N (Y or N)	
SA/DA ratio	2.06 (unitless)	
Average depth (used in SA/DA table):	5	
Calculation option 1 used? (See Figure 10-2b)	N (Y or N)	
Volume, permanent pool, V _{perm_pool}	128,844 ft ³	
Area provided, permanent pool, Aperm pool	28,605 ft ²	
Average depth calculated	ft	Need 3 ft min.
Average depth used in SA/DA, day, (Round to nearest 0.5ft)	ft	
Calculation option 2 used? (See Figure 10-2b)	Y (Y or N)	
Area provided, permanent pool, A _{perm_pool}	28,605_ft²	
Area, bottom of 10ft vegetated shelf, Abot_shelf	26,274 ft ²	
Area, sediment cleanout, top elevation (bottom of pond), $\mathbf{A}_{\text{bot_pond}}$	9,244 ft ²	
"Depth" (distance b/w bottom of 10ft shelf and top of sediment)	6.50 ft	
Average depth calculated	4.87 ft	OK
Average depth used in SA/DA, d _{av} , (Round to nearest 0.5ft)	5.0 ft	OK
Drawdown Calculations		
Drawdown through orifice?	Y (Y or N)	
Diameter of orifice (if circular)	in	
Area of orifice (if-non-circular)	in ²	
Coefficient of discharge (C _D)		
Driving head (H _o)	0.33 ft	
Drawdown through weir? Weir type	N (Y or N)	
Coefficient of discharge (C _w)	(unitless)	
Length of weir (L)	ft	
Driving head (H)	ft	
Pre-development 1-yr, 24-hr peak flow	12.92 ft ³ /sec	
Post-development 1-yr, 24-hr peak flow	38.75 ft ³ /sec	
Storage volume discharge rate (through discharge orifice or weir)	0.10 ft ³ /sec	
Storage volume drawdown time	2.36 days	OK, draws down in 2-5 days.
Additional Information		
Vegetated side slopes	3 :1	OK
Vegetated shelf slope	10 :1	OK
Vegetated shelf width	10.0 ft	OK
Length of flowpath to width ratio	3 :1	OK
Length to width ratio	3.5 :1	OK
Trash rack for overflow & orifice? Freeboard provided	Y (Y or N)	OK OK
Vegetated filter provided?	1.4 π Y (Y or N)	OK OK
Recorded drainage easement provided?	Y (Y or N)	OK
Capures all runoff at ultimate build-out?		OK
Drain mechanism for maintenance or emergencies is:	Pump	

Permit Number:	
(to be provided by City of Wilmington	on)
BMP Drainage Basin #:	

Wet Detention Basin Operation and Maintenance Agreement

I will keep a maintenance record on this BMP. This maintenance record will be kept in a log in a known set location. Any deficient BMP elements noted in the inspection will be corrected, repaired or replaced immediately. These deficiencies can affect the integrity of structures, safety of the public, and the removal efficiency of the BMP.

The wet detention basin system is defined as the wet detention basin, pretreatment including forebays and the vegetated filter if one is provided.

This system (<i>check one</i>): ☐ does ☐ does not	incorporate a vegetated filter at the outlet.
This system (<i>check one</i>): \square does \square does not	incorporate pretreatment other than a forebay.

Important maintenance procedures:

- Immediately after the wet detention basin is established, the plants on the vegetated shelf and perimeter of the basin should be watered twice weekly if needed, until the plants become established (commonly six weeks).
- No portion of the wet detention pond should be fertilized after the first initial fertilization that is required to establish the plants on the vegetated shelf.
- Stable groundcover should be maintained in the drainage area to reduce the sediment load to the wet detention basin.
- If the basin must be drained for an emergency or to perform maintenance, the flushing of sediment through the emergency drain should be minimized to the maximum extent practical.
- Once a year, a dam safety expert should inspect the embankment.

After the wet detention pond is established, it should be inspected **once a month and within 24 hours after every storm event greater than 1.5 inches.** Records of operation and maintenance should be kept in a known set location and must be available upon request. Inspection activities shall be performed as follows. Any problems that are found shall be repaired immediately.

BMP element:	Potential problem:	How I will remediate the problem:
The entire BMP	Trash/debris is present.	Remove the trash/debris.
The side slopes of the wet detention basin	Areas of bare soil and/or erosive gullies have formed.	Regrade the soil if necessary to remove the gully, and then plant a ground cover and water until it is established. Provide lime and a one-time fertilizer application.
	Vegetation is too short or too	Maintain vegetation at a height of
	long.	approximately six inches.

BMP element:	Potential problem:	How I will remediate the problem:
The inlet device: pipe or swale	The pipe is clogged.	Unclog the pipe. Dispose of the sediment off-site.
	The pipe is cracked or otherwise damaged.	Replace the pipe.
	Erosion is occurring in the	Regrade the swale if necessary to
	swale.	smooth it over and provide erosion control devices such as reinforced
		turf matting or riprap to avoid future problems with erosion.
The forebay	Sediment has accumulated to a depth greater than the original design depth for sediment storage.	Search for the source of the sediment and remedy the problem if possible. Remove the sediment and dispose of it in a location where it will not cause impacts to streams or the BMP.
	Erosion has occurred.	Provide additional erosion protection such as reinforced turf matting or riprap if needed to prevent future erosion problems.
	Weeds are present.	Remove the weeds, preferably by hand. If pesticide is used, wipe it on the plants rather than spraying.
The vegetated shelf	Best professional practices show that pruning is needed to maintain optimal plant health.	Prune according to best professional practices
	The plant community and coverage is significantly (>25%) different from approved landscape plan.	Restore plant vegetation to approved condition. If landscape plan needs to be adjusted to specify vegetation more appropriate for site conditions, contact City Stormwater or Engineering Staff.
	Cattails or other invasive plants cover >25% of the veg't shelf. A monculture of plants must be avoided)	Remove all invasives by physical removal or by wiping them with pesticide (do not spray) - consult a professional.
	Plants are dead, diseased or dying.	Determine the source of the problem: soils, hydrology, disease, etc. Remedy the problem and replace plants. Provide a one-time fertilizer application to establish the ground cover if a soil test indicates it is necessary.
The main treatment area	Sediment has accumulated to a depth greater than the original design sediment storage depth.	Search for the source of the sediment and remedy the problem if possible. Remove the sediment and dispose of it in a location where it will not cause impacts to streams or the BMP.

BMP element:	Potential problem:	How I will remediate the problem:
The main treatment area	Algal growth covers over	Consult a professional to remove
(continued)	25% of the area.	and control the algal growth.
	Cattails or other invasive	Remove all invasives by physical
	plants cover >25% of the veg't	removal or by wiping them with
	shelf. A monculture of plants	pesticide (do not spray) – consult a
	must be avoided)	professional.
The embankment	Shrubs have started to grow	Remove shrubs immediately.
	on the embankment.	
	Evidence of muskrat or	Use traps to remove muskrats and
	beaver activity is present.	consult a professional to remove
		beavers.
	A tree has started to grow on	Consult a dam safety specialist to
	the embankment.	remove the tree.
	An annual inspection by an	Make all needed repairs.
	appropriate professional	
	shows that the embankment	
	needs repair. (if applicable)	
The outlet device	Clogging has occurred.	Clean out the outlet device. Dispose
		of the sediment off-site.
LLAIB WATER TO THE TOTAL TOTAL TO THE TOTAL THE TOTAL TO THE TOTAL TOT	The outlet device is damaged	Repair or replace the outlet device.
The receiving water	Erosion or other signs of	Contact the local NC Division of
	damage have occurred at the	Water Quality Regional Office, or
	outlet.	the 401 Oversight Unit at 919-733-
		1786.

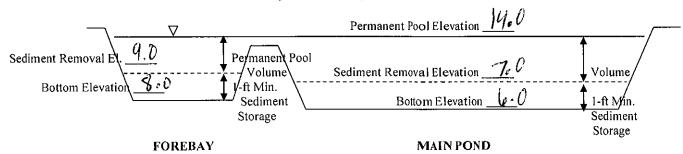
The measuring device used to determine the sediment elevation shall be such that it will give an accurate depth reading and not readily penetrate into accumulated sediments.

When the permanent pool depth reads $\underline{7.0}$ feet in the main pond, the sediment shall be removed.

When the permanent pool depth reads $\underline{900}$ feet in the forebay, the sediment shall be removed.

BASIN DIAGRAM

(fill in the blanks)



Permit Number:	
(to be provided	by City of Wilmington)

I acknowledge and agree by my signature below that I am responsible for the performance of the maintenance procedures listed above. I agree to notify the City of Wilmington of any problems with the system or prior to any changes to the system or responsible party.

Project name: Home Place of Wilmreton, 226
BMP drainage basin number:
Print name: Thomas Street
Title: President of HOA
Address: 3141 (asa Court Wilmsten NC 2840
Phone: 910-262-4067
Signature: Momors Slut
Date: 3/27/23
Note: The legally responsible party should not be a homeowners association unless more than 50% of the lots have been sold and a resident of the subdivision has been named the president.
I, <u>Cindy B. Barbee</u> , a Notary Public for the State of North Caeolia, County of <u>New Harrover</u> , do hereby certify that Thomas Stared personally appeared before me this <u>27</u> %.
day of March, 2023, and acknowledge the due execution of the
forgoing wet detention basin maintenance requirements. Witness my hand and official
seal, Curily B. Baulee
scar, carry 2. Terre
MOTA BARBUMAN SELIC SECONDA SECONDA SELIC SECONDA SELIC SECONDA SELIC SECONDA SELIC SECONDA SECONDA SELIC SECONDA SELIC SECONDA SELIC SECONDA SELIC SECONDA SECONDA SELIC SECONDA SELICA SECONDA SELICA SELIC
SEAL

My commission expires Dec. 1, 2027