



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: Remarkable Properties, LLC

PROJECT:

Flitwick Flats

ADDRESS:

3807 Cherry Avenue

PERMIT #:

2019059

DATE:

October 14, 2019

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 October 14, 2029 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 10/14/2019.
- 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.





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- 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.
- 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 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.
- 11. 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.





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- 12. 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.
- 13. 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.
- 14. 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, as-installed. 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.
- 15. 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.
- 16. 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.





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- 17. 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.
- 18. 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.
- 19. 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.
- 20. 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.
- 21. 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.
- 22. 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.
- 23. 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.
- 24. 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 14th day of October, 2019

for Sterling Cheatham, City Manager

City of Wilmington





Public Services
Engineering
414 Chestnut St, Suite 200
Wilmington, NC 28401
910 341-7807
910 341-5881 fax
wilmingtonnc.gov
Dial 711 TTY/Voice



STORMWATER MANAGEMENT PERMIT APPLICATION FORM (Form SWP 2.2)

I. GENERAL INFORMATION 1. Project Name (subdivision, facility, or establishment name - should be consistent with project name on plans, specifications, letters, operation and maintenance agreements, etc.): FLITWICK FLATS 2. Location of Project (street address): 3807 Cherry Ave. Zip: 28405 City: Wilmington County: New Hanover 3. Directions to project (from nearest major intersection): Intersection of Oleander and 39th Street. Travel NW on 39th to intersection of 39th and Cherry Ave. Site is located on NW corner of the intersection. II. PERMIT INFORMATION 1. Specify the type of project (check one): Low Density | High Density Drains to an Offsite Stormwater System Drainage Plan Other If the project drains to an Offsite System, list the Stormwater Permit Number(s): City of Wilmington: State - NCDENR/DWQ: 2. Is the project currently covered (whole or in part) by an existing City or State (NCDENR/DWQ) Stormwater Permit? Yes No If yes, list all applicable Stormwater Permit Numbers: City of Wilmington: State – NCDENR/DWQ: _____ 3. Additional Project Permit Requirements (check all applicable): CAMA Major Sedimentation/Erosion Control NPDES Industrial Stormwater 404/401 Permit: Proposed Impacts: If any of these permits have already been acquired please provide the Project Name, Project/Permit Number, issue date and the type of each permit:



III. CONTACT INFORMATION

1.	Print Applicant / Signing Official's name and title (specifically the developer, property owner, lessee, designated government official, individual, etc. who owns the project):
	Applicant / Organization: REMARKABLE PROPERTIES, LLC
	Signing Official & Title: Mark Maynard Jr
	a. Contact information for Applicant / Signing Official:
	Street Address: 10 S. Cardinal Drive
	City: Wilmington State: NC Zip: 28403
	Phone: 910-612-3633 Fax: Email: jr@tributecompanies.com
	Mailing Address (if different than physical address):
	City:State:Zip:
	b. Please check the appropriate box. The applicant listed above is:
	The property owner (Skip to item 3) Lessee* (Attach a copy of the lease agreement and complete items 2 and 2a below) Purchaser* (Attach a copy of the pending sales agreement and complete items 2 and 2a below) Developer* (Complete items 2 and 2a below.)
2.	Print Property Owner's name and title below, if you are the lessee, purchaser, or developer. (This is the person who owns the property that the project is on.)
	Property Owner / Organization:
	Signing Official & Title:
	a. Contact information for Property Owner:
	Street Address:
	City:Zip:
	Phone:Fax:Email:
	Mailing Address (if different than physical address):
	City:State:Zip:
3.	(Optional) Print the name and title of another contact such as the project's construction supervisor or another person who can answer questions about the project:
	Other Contact Person / Organization:
	Signing Official & Title:



City:		State:	Zip:	
	Fax:E			
	ss (if different than physical address			
City.		state:	ZIP:	
. PROJECT INFOR	RMATION			
In the space provi	ded below, briefly summarize how	he stormw	ater runoff will	be treated.
One undergrou	ind trench sized for a 1.5" storr	n event, a	and designed	to meet
· <u></u> -	gton Stormwater requirements		<u> </u>	
Oity Of Williams	ion otomiwator requirements			<u></u>
-				
Total Property Are	ea: <u>44,100</u> square feet			
Total Coastal Wet	lands Area: 0square fo	eet		
Total Surface Wat	er Area: 0square feet			
Total Property Are	ea (2) – Total Coastal Wetlands Are	a (3) – Tota	al Surface Wate	er Area (4) = 1
	ea (2) – Total Coastal Wetlands Are	a (3) – Tota	al Surface Wat	er Area (4) = 1
Project Area: 44,1		. ,		er Area (4) = 1
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Project Area: 44,1 Existing Impervious Existing Impervious	oo square feet. us Surface within Property Area: <u>0</u> us Surface to be Removed/Demolis	s ned: <u>0</u>	quare feet square f	,
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12. Total Offsite Newly Constructed Impervious Area (improvements made outside of property boundary, in square feet):

Impervious Pavement		502
Pervious Pavement (adj. total, with	% credit applied)	
Impervious Sidewalks		3,173
Pervious Sidewalks (adj. total, with	% credit applied)	
Other (describe)		
Total Offsite Newly Constructed Imper	3,675	

13.	Fotal Newly Constructe	d Impervious	Surface		
(Total Onsite + Offsite Newl	y Constructed Im	pervious Surface)	= 34625	square fee

14. Complete the following information for each Stormwater BMP drainage area. If there are more than three drainage areas in the project, attach an additional sheet with the information for each area provided in the same format as below. Low Density projects may omit this section and skip to Section V.

Basin Information	BMP # 1	BMP # 2	(Type of BMP) BMP # 3
Receiving Stream Name	Burnt Mill Creek		
Receiving Stream Index Number	18-74-63-2		
Stream Classification	C;Sw		
Total Drainage Area (sf)	31468	0	0
On-Site Drainage Area (sf)	31468		
Off-Site Drainage Area (sf)	0	•	
Total Impervious Area (sf)	30079	0	0
Buildings/Lots (sf)	9236	· ·	
Impervious Pavement (sf)	20022		
Pervious Pavement, % credit (sf)		·	0
Impervious Sidewalks (sf)	821		
Pervious Sidewalks, % credit (sf)			
Other (sf)			
Future Development (sf)		0	
Existing Impervious to remain (sf)			
Offsite (sf)			
Percent Impervious Area (%)	95.6		

15. How was the off-site impervious area listed above determined? Provide documentation:						
	1 2 20000					



V. SUBMITTAL REQUIREMENTS.

- Supplemental and Operation & Maintenance Forms One applicable City of Wilmington Stormwater BMP supplement form and checklist must be submitted for each BMP specified for this project. One applicable proposed operation and maintenance (O&M) form must be submitted for each type of stormwater BMP. Once approved, the operation and maintenance forms must be referenced on the final plat and recorded with the register of deeds office.
- 2. Deed Restrictions and Restrictive Covenants For all subdivisions, outparcels, and future development, the appropriate property restrictions and protective covenants are required to be recorded prior to the sale of any lot. Due to variability in lot sizes or the proposed BUA allocations, a table listing each lot number, lot size, and the allowable built-upon area must be provided as an attachment to the completed and notarized deed restriction form. The appropriate deed restrictions and protective covenants forms can be downloaded at the link listed in section V (3). Download the latest versions for each submittal.

In instances where the applicant is different than the property owner, it is the responsibility of the property owner to sign the deed restrictions and protective covenants form while the applicant is responsible for ensuring that the deed restrictions are recorded.

By the notarized signature(s) below, the permit holder(s) certify that the recorded property restrictions and protective covenants for this project, if required, shall include all the items required in the permit and listed on the forms available on the website, that the covenants will be binding on all parties and persons claiming under them, that they will run with the land, that the required covenants cannot be changed or deleted without concurrence from the City of Wilmington, and that they will be recorded prior to the sale of any lot.

3. Only complete application packages will be accepted and reviewed by the City. A complete package includes all of the items listed on the City Engineering Plan Review Checklist, including the fee. Copies of the Engineering Plan Review Checklist, all Forms, Deed Restrictions as well as detailed instructions on how to complete this application form may be downloaded from:

http://www.wilmingtonnc.gov/PublicServices/Engineering/PlanReview/StormwaterPermits.aspx

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

City of Wilmington – Engineering Plan Review Section 414 Chestnut Street, Suite 200 Wilmington, NC 28402



VI. CONSULTANT INFORMATION AND AUTHORIZATION

1.	Applicant: Complete this sec (such as a consulting engine this project (such as address	er and /or firm) so tha	t they may	provide informat		
	Consulting Engineer: Howard	d Resnik, PE				
	Consulting Firm: CSD Engine	ering				
	a. Contact information f	or consultant listed ab	0,40.			
			ove.			
	Mailing Address: PO BOX				100	
	City: Wilmington					
	Phone: 910-791-4441	_Fax: <u>910-791-1501</u>	_Email: _l	howard@csd-engin	eering.com	
VII	. PROPERTY OWNER AL	JTHORIZATION (If Sec	ction III(2) ha	s been filled out, con	nplete this section)	
pers liste pro the sto As des def Will res Chi vali	n the property identified in this son listed in Contact Information, item 1)	greement or pending per party responsible for knowledge, understand Contact Information, item at, or pending sale, reseverts back to me, the f Wilmington immediate therwise I will be operate operation of a storm an Municipal Code of Comments.	oroperty sa the opera d, and agre of 1) dissolved sponsibility property of ely and su ting a stori water trea ordinances	with (print or typ to develop the les contract has les contract has les tion and mainten ee by my signatures their company for compliance vowner. As the probmit a completed mwater treatment tment facility with	e name of organization project as currently been provided with ance of the re below, that if my and/or cancels or with the City of perty owner, it is my Name/Ownership t facility without a out a valid permit is	•
Sig	nature:			Date:	_	
S	EAL	I, State of hereby certify that		_, County of	, do	
						—,
		and acknowledge the permit. Witness my h		· -	on for a stormwater	
		My commission expire	es:			<u> </u>



VIII. APPLICANT'S CERTIFICATION

	, (print or type name of person listed in Contact Information, item 1) , Mark Maynard Jr certify							
	that the information included on this permit application form is, to the best of my knowledge, correct and							
	that the project will be constructed	d in conformance with the approved plans, that the required	d deed					
	restrictions and protective covena	ants will be recorded, and that the proposed project complic	s with the					
	requirements of the applicable sto	ormwater rules under.						
		Date: 6/18/19						
	Signature:	Date:						
		·						
	SEAL	1, Charity C. Lone, a Notary Pub	lic for the					
	MILLION AND AND AND AND AND AND AND AND AND AN	I, Charity C. Lane, a Notary Pub State of New Hanax	<u>'C</u> , do					
	WILL ARITY C. PALLE	hereby certify that mack maynard &.						
		personally appeared before me this day of	_, <u>2019</u> .					
	NOTARY Z	and acknowledge the due execution of the application for a sto	mwater					
PUBLIC permit. Witness my hand and official seal,								
							NORTHINI	My commission expires:
		wy commission expres.						

Permit No.	
	(to be provided by DWQ)

STORMWATER MANAGEMENT PERMIT APPLICATION FORM 401 CERTIFICATION APPLICATION FORM

INFILTRATION TRENCH 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.

Project name	Flitwick Flats					
Contact person	Howard Resnik					
Phone number	910-791-4441					
Date	8/19/2019					
Drainage area number	1					
II. DESIGN INFORMATION						
Site Characteristics						
Drainage area	31,468.00 ft ²					
Impervious area	30,079.00 ft ²					
Percent impervious	95.6% %					
Design rainfall depth	1.50 in					
Peak Flow Calculations						
1-yr, 24-hr rainfall depth	3.83 in					
1-yr, 24-hr intensity	0.16in/h					
Pre-development 1-yr, 24-hr discharge	0.62 ft ³ /s					
Post-development 1-yr, 24-hr discharge	2.59 ft ³ /s		BECEIVER			
Pre/Post 1-yr, 24-hr peak flow control	ft ³ /s	sec				
Storage Volume: Non-SA Waters						
Minimum volume required	3,581.00 ft ³		AUG 2 8 2019			
Volume provided	3,674.00 ft ³	OK for non-SR waters	les bil			
Storage Volume: SA Waters			ENGINEEDING			
1.5" runoff volume	ft ³		LINGINLLINING			
Pre-development 1-yr, 24-hr runoff volume	ft³					
Post-development 1-yr, 24-hr runoff volume	ft ³					
Minimum volume required	ft ³					
Volume provided	ft ³					
Soils Report Summary						
Soil type	Вр					
Infiltration rate	0.60 in/h	r				
SHWT elevation	30.00 fms	1				
Trench Design Parameters						
Drawdown time	0.96 day	s OK				
Perforated pipe diameter	18.00 in					
Perforated pipe length	882.00 ft					
Number of laterals	11					
Stone type (if used)	washed 57					
Stone void ratio	40					
Stone is free of fines?	(Y c	or N) OK				

I. PROJECT INFORMATION

Permit No. (to be provided by DWQ)

Ţ	ren	ich	E	levations

richen Elevations			
Bottom elevation	32.00	fmsl	OK
Storage/overflow elevation	34.15	fmsl	
Top elevation	35.30	fmsl	
Trench Dimensions			
Length (long dimension)	130.00	ft	
Width (short dimension)	24.50	ft	
Height (depth)	2.00	 ft	OK
Additional Information			
Maximum volume to each inlet into the trench?	2.00	ac-in	OK
Length of vegetative filter for overflow		ft	
Number of observation wells	1		OK
Distance to structure	>15	ft	OK
Distance from surface waters	>30	ft	OK
Distance from water supply well(s)	na	ft	OK
Separation from impervious soil layer	>2	ft	OK
Depth of naturally occuring soil above SHWT	2.00	ft	OK
Bottom covered with 4-in of clean sand?	n	(Y or N)	Must cover bottom with 4-in of clean sand
Proposed drainage easement provided?	у	(Y or N)	OK
Capures all runoff at ultimate build-out?	у	(Y or N)	OK
Bypass provided for larger storms?	у	(Y or N)	OK
Trench wrapped with geotextile fabric?	у	(Y or N)	OK
Pretreatment device provided	sumps		

Infiltration Trench 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.

Important maintenance procedures:

- The drainage area of the infiltration trench will be carefully managed to reduce the sediment load to the sand filter.
- The water level in the monitoring wells will be recorded once a month and after every storm event greater than 1.5 inches if in a Coastal County.

The infiltration trench will be inspected **once a quarter and within 24 hours after every storm event greater than 1.5 inches.** Records of operation and maintenance will be kept in a known set location and will 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 grass filter strip or	Areas of bare soil and/or	Regrade the soil if necessary to	
other pretreatment area	erosive gullies have formed.	remove the gully, and then plant a	
		ground cover and water until it is	
		established. Provide lime and a	
		one-time fertilizer application.	
	Sediment has accumulated to	Search for the source of the	
	a depth of greater than six	sediment and remedy the problem if	
	inches.	possible. Remove the sediment and	
		dispose of it in a location where it	
		will not cause impacts to streams or	
		the BMP.	
The flow diversion	The structure is clogged.	Unclog the conveyance and dispose	
structure (if applicable)		of any sediment off-site.	
	The structure is damaged.	Make any necessary repairs or	
		replace if damage is too large for	
		repair.	



BMP element:	Potential problem:	How I will remediate the problem:	
The trench	Water is ponding on the surface for more than 24	Remove the accumulated sediment from the infiltration system and	
	hours after a storm.	dispose in a location that will not impact a stream or the BMP.	
	The depth in the trench is reduced to 75% of the original design depth.	Remove the accumulated sediment from the infiltration system and dispose in a location that will not impact a stream or the BMP.	
	Grass or other plants are growing on the surface of the trench.	Remove the plants, preferably by hand. If pesticide is used, wipe it on the plants rather than spraying.	
The observation well(s)	The water table is within one foot of the bottom of the system for a period of three consecutive months.	Contact the DWQ Stormwater Unit immediately at 919-733-5083.	
	The outflow pipe is clogged.	Provide additional erosion protection such as reinforced turf matting or riprap if needed to prevent future erosion problems.	
	The outflow pipe is damaged.	Repair or replace the pipe.	
The emergency overflow berm	Erosion or other signs of damage have occurred at the outlet.	The emergency overflow berm will be repaired or replaced if beyond repair.	
The receiving water	Erosion or other signs of damage have occurred at the outlet.	Contact the NC Division of Water Quality 401 Oversight Unit at 919- 733-1786.	

Permit Numb	oer:		
(to be j	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 City of Wilmington of any problems with the system or prior to any changes to the system or responsible party.

Project name: FLITWICK FLATS
BMP drainage basin number:1
Print name: Mark Maynard Jr
Title: Manage r
Address: 10 S. Cardinal Drive Wilmington NC 28403
Phone:910-612-3633
Signature:
Date: 6/19/19
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, Charity C. Love, a Notary Public for the State of
I, Charity C. Love, a Notary Public for the State of New Hower, do hereby certify that
markt may as d 5. personally appeared before me this 18 day of 5.e., 2019, and acknowledge the due execution of the
day of, 2019, and acknowledge the due execution of the
forgoing infiltration trench maintenance requirements. Witness my hand and official
seal,
NOTARY ZE PUBLIC OF PUBLIC OF THE PUBLIC OF
SEAL
My commission expires 6-29-19