



Planning, Development, &
 Transportation Department
 Planning Division
 305 Chestnut Street
 PO Box 1810
 Wilmington, NC 28402-1810

910 254-0900
 910 341-3264 fax
 wilmingtonnc.gov
 Dial 711 TTY/Voice

TRANSMITTAL LETTER

TO: Traci Lunceford Zoning Enforcement Inspector
 DATE: June 19, 2019
 SUBJECT: Village Townhomes (2018020)
Release for Grading Purposes Only
 Plans Sealed as of 5/29/19

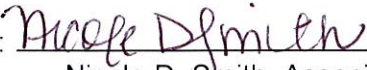
The following items are being sent to you via this package.

QUAN.	DWG./NO.	DESCRIPTION
1	Sheets 2, 3, 5, 6, and 7	Plans Sealed by James H. Fentress, Jr. , PE on 5/29/19
1	Dated 6/12/19	Approved Tree Preservation Permit
1	Dated 6/18/19	NHC Erosion Control # GP 59-18
1	Dated 11/19/02	Policy on the Release of Projects for the Purpose of Clearing and Grading

REMARKS: The Village Townhomes Project, located at 294 Military Cutoff Road, is hereby conditionally released for **Clearing and Grading Purposes Only**. The following conditions must be satisfied as part of this release:

- 1. A PRE-CONSTRUCTION MEETING MUST BE HELD BETWEEN THE SITE CONTRACTOR AND CITY STAFF PRIOR TO ANY GRADING BEGINNING ON THE SITE. FAILURE TO COMPLY WILL RESULT IN IMMEDIATE CIVIL PENALTIES.**
- 2. NO CONSTRUCTION OF ANY BUILDING, STRUCTURE, WALL, UTILITIES, INFRASTRUCTURE ETC. OF ANY KIND, INCLUDING FOOTINGS AND BUILDING SLABS, WILL BE PERMITTED UNTIL THE TECHNICAL REVIEW COMMITTEE HAS APPROVED THE FINAL CONSTRUCTION RELEASE.**
- 3. ANY TREES AND/OR AREA DESIGNATED TO BE SAVED MUST BE PROPERLY BARRICADED OR MARKED WITH FENCING AND PROTECTED THROUGHOUT CONSTRUCTION TO INSURE THAT NO CLEARING AND GRADING WILL OCCUR IN THOSE AREAS.**
- 4. THIS GRADING RELEASE IS GIVEN IN ACCORDANCE WITH THE EROSION CONTROL PLAN APPROVED BY NEW HANOVER COUNTY.**
- 5. IF THE CONDITIONS LISTED ABOVE ARE VIOLATED; A STOP WORK ORDER WILL BE ISSUED.**

6. THE DEVELOPER ASSUMES ALL RISKS AND PENALTIES WITH ANY DELAY OR STOP WORK ORDER ASSOCIATED WITH THE VIOLATION OF THIS RELEASE. BY SIGNING THIS, THE DEVELOPER ACKNOWLEDGES THE CONDITIONS OF THIS RELEASE AND ASSUMES ALL RESPONSIBILITIES AND RISKS ASSOCIATED WITH IT. THE CITY OF WILMINGTON WILL NOT BE HELD LIABLE FOR ANY COSTS ASSOCIATED WITH THE CLEARING AND GRADING RELEASE.

Signature: 
Nicole D. Smith, Associate Planner

Signature: 
Applicant/Agent for Applicant

Copy: James H. Fentress, Jr., PE	Stroud Engineering, PA (e-mail only)
Bret Russell	Construction Manager
Rob Gordon	Engineering
Chris Walker	Wilmington Fire Department
Aaron Reese	Urban Forestry
Rich Christensen	Engineering (email only)
Trent Butler	Engineering (email only)
Chris Elrod	Wilmington Fire Department (e-mail only)
Jim Sahlie	GIS Addressing (e-mail only)
Bill McDow	Transportation Planning (e-mail only)
Don Bennett	Traffic Engineering (e-mail only)
Mitesh Baxi	Traffic Engineering (e-mail only)
Bernice Johnson	CFPUA (e-mail letter only)
Beth Easley Wetherill	NHC Erosion Control (e-mail only)
Michelle Hutchinson	GIS Engineer (e-mail only)
Amy Beatty	Community Services (e-mail only)
Ryan O'Reilly	Community Services (e-mail only)
Joan Mancuso	City Zoning (email only)

File: The Village Townhomes Project



**Planning, Development, &
Transportation Department**

Planning Division
305 Chestnut Street
PO Box 1810
Wilmington, NC 28402-1810

June 13, 2019

Stroud Engineering, PA
James H. Fentress, PE
102-D Cinema Drive
Wilmington, NC 28403

910 254-0900
910 341-3264 fax
wilmingtonnc.gov
Dial 711 TTY/Voice

RE: The Village Townhomes Project, located at 294 Military Cutoff Road

I have attached a copy of the release for grading for The Village Townhomes Project, located at 294 Military Cutoff Road dated sealed on plans as of 5/29/19. **Please make note of the conditions for the release as they appear on the attached release letter.** These conditions must be followed and met in order for the construction to be approved. ***Prior to beginning grading on the site, you must have a pre-construction meeting between City staff and the project's representatives. Any violation of this condition will result in an immediate stop work order and other civil penalties.***

All grading on the site must be in accordance with New Hanover County erosion control standards and the erosion control plan approved by New Hanover County and the City of Wilmington. Any trees and areas designated to be saved or protected must be properly barricaded and/or marked throughout construction. In addition please be aware that no construction of buildings, structures, walls, etc. may begin until the City of Wilmington's Technical Review Committee has approved the final plans and final construction release is granted.

Please contact our office at 254-0900 if you have any questions or concerns regarding this information and to schedule a pre-construction meeting with City staff. The City thanks you for your investment in our community and looks forward to working with you towards construction of a quality development project.

Sincerely,


Nicole D. Smith, AICP, CZO, CFM
Associate Planner



Department of Planning,
Development and Transportation
Planning Division
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PO Box 1810
Wilmington, NC 28402-1810

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APPROVED: DENIED:

PERMIT #: TPP-19-017

Application for Tree Removal Permit

Name of Applicant: MICHAEL MAYNARD Phone: _____ Date: 6/06/19

Name of Property Owner: WESTATES, LLC Phone: _____

Property Owner Address: 10 SOUTH CARDINAL DR. WILMINGTON, NC 28403 / R07200-002-004-000

Address of Proposed Tree Removal: 294 MILITARY CUTOFF RD. WILMINGTON, NC

Description of tree(s) to be removed/reason for removal: (provide attachment if necessary) 20 Trees damaged by Hurricane Florence
82 Trees as reasoned below

- | | |
|---|--|
| 1. <u>16</u> Pines for essential site improvements | 6. <u>5</u> Pines for building construction |
| 2. <u>27</u> Oaks for essential site improvements | 7. <u>4</u> Oaks for building construction |
| 3. <u>12</u> Cypress for essential site improvements | 8. <u>2</u> Dogwoods for building construction |
| 4. <u>9</u> Hardwoods for essential site improvements, ESI | 9. <u>1</u> Cypress for building construction |
| 5. <u>1</u> Gum, Maple, Dogwood, Orna & Crepe Myrtle 'ea. for ESI | 10. <u>12</u> Total for building construction |

69 Total for ESI

Description of Replacement Tree(s): See Landscape Plan Sheet L1.0

I, MICHAEL MAYNARD, certify that the property owner has given me permission to apply for this permit on his/her behalf.

Applicant Signature: [Signature] Date: 6/7/19

***** FOR OFFICIAL USE ONLY *****

Reviewed By: Nicole D Smith Date: 6.12.19

Remarks: The proposed tree removal is either exempt from mitigation per Sec 18-461 or credits offset req mitigation.
ALL WORK MUST BE IN COMPLIANCE WITH THE CITY LAND DEVELOPMENT CODE ARTICLE 8, LANDSCAPING AND TREE PRESERVATION.

NEW CONSTRUCTION: _____ EXPANSION: _____ OTHER: _____ PAID: \$100.00 7/31/18

Tree Preservation Permit Fees

Less than 1 acre	\$25.00
1-5 acres	\$50.00
5-10 acres	\$100.00
Greater than 10 acres	\$150.00

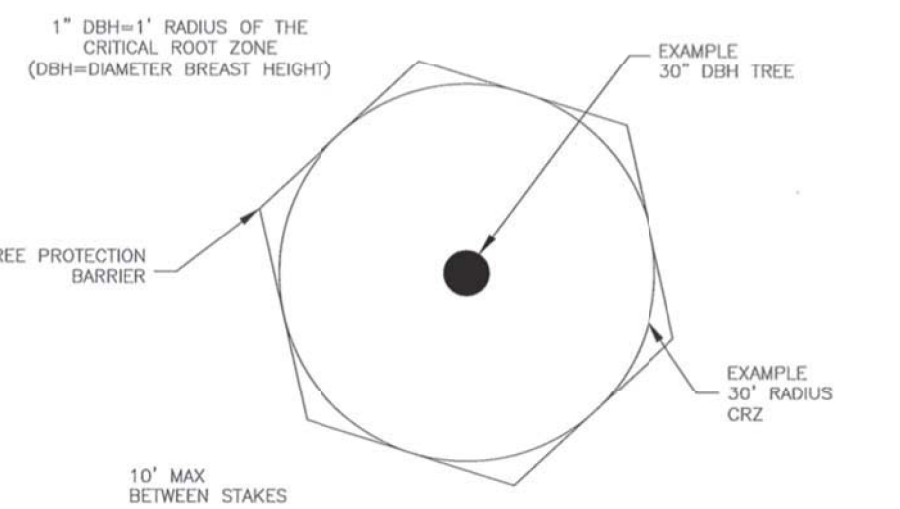
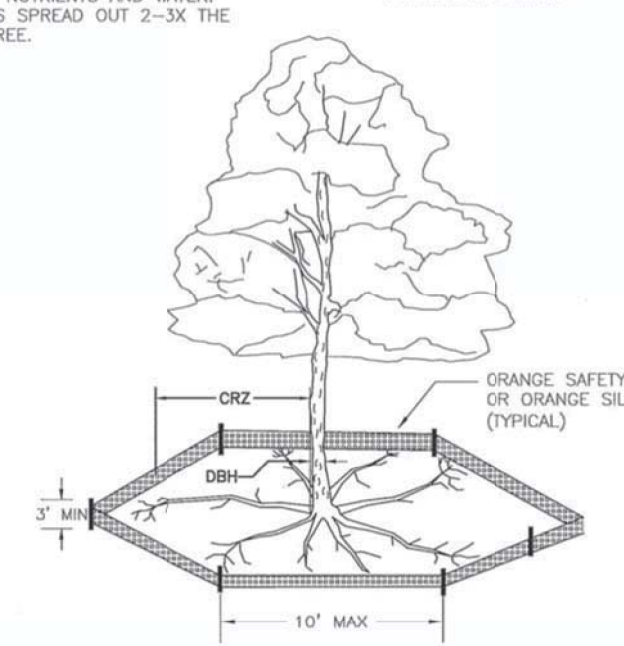
VILLAGE TOWNHOMES TREE REMOVAL ASSESSMENT

Post Hurricane Florence accounting
 No. 's correspond to red & green colored numbers on plan

Undamaged Regulated Trees proposed to be removed					Regulated Trees to be preserved									
NO.	TREE	DIA.	NO.	TREE	DIA.	NO.	TREE	DIA.	NO.	TREE	DIA.			
1	Pinus	12	42	Carex	12	39	Carex	12	40	Carex	12			
2	Carex	14	43	Carex	11	41	Carex	10	42	Carex	10			
3	Pinus	15	44	Carex	10	43	Carex	10	44	Carex	10			
4	Carex	16	45	Carex	10	45	Carex	10	46	Carex	10			
5	Pinus	20	46	Hwy	12	47	Carex	10	48	Carex	10			
6	Pinus	14	47	Cyperus	12	49	Carex	10	50	Carex	10			
7	Hwy	9	48	Cyperus	12	51	Carex	10	52	Carex	10			
8	Dogwood	4	49	Carex	12	53	Hwy	9	54	Carex	10			
9	Hwy	9	50	Pinus	12	55	Carex	10	56	Hwy	9			
10	Hwy	10	51	Carex	12	57	Pinus	12	58	Hwy	9			
11	Pinus	10	52	Pinus	12	59	Hwy	9	60	Carex	10			
12	Carex	11	53	Pinus	12	61	Carex	10	62	Carex	10			
13	Carex	10	54	Hwy	9	63	Carex	10	64	Hwy	9			
14	Carex	10	55	Carex	12	65	Hwy	9	66	Hwy	9			
15	Carex	10	56	Carex	12	67	Hwy	9	68	Carex	10			
16	Carex	10	57	Cyperus	12	69	Hwy	9	70	Dogwood	6			
17	Carex	10	58	Pinus	12	71	Carex	10	72	Carex	10			
18	Carex	9	59	Pinus	12	73	Cyperus	12	74	Cyperus	12			
19	Boxelder	10	60	Pinus	12	75	Cyperus	12	76	Cyperus	12			
20	Hwy	14	61	Carex	12	77	Cyperus	12	78	Cyperus	12			
21	Carex	9	62	Pinus	12	79	Pinus	12	80	Cyperus	12			
22	Carex	10	63	Hwy	9	81	Cyperus	12	82	Carex	10			
23	Carex	10	64	Hwy	9	83	Cyperus	12	84	Carex	10			
24	Carex	10	65	Carex	12	85	Cyperus	12	86	Carex	10			
25	Pinus	10	66	Carex	12	87	Cyperus	12	88	Cyperus	12			
26	Pinus	10	67	Carex	12	89	Cyperus	12	90	Cyperus	12			
27	Pinus	10	68	Carex	12	91	Cyperus	12	92	Cyperus	12			
28	Pinus	10	69	Cyperus	12	93	Cyperus	12	94	Cyperus	12			
29	Hwy	9	70	Cyperus	12	95	Cyperus	12	96	Cyperus	12			
30	Carex	10	71	Carex	12	97	Cyperus	12	98	Cyperus	12			
31	Carex	10	72	Cyperus	12	99	Cyperus	12	100	Cyperus	12			
32	Carex	10	73	Cyperus	12	101	Cyperus	12	102	Cyperus	12			
33	Dogwood	10	74	Cyperus	12	103	Cyperus	12	104	Cyperus	12			
34	Pinus	14	75	Cyperus	12	105	Cyperus	12	106	Cyperus	12			
35	Pinus	12	76	Cyperus	12	107	Cyperus	12	108	Cyperus	12			
36	Pinus	12	77	Cyperus	12	109	Cyperus	12	110	Cyperus	12			
37	Carex	9	78	Cyperus	12	111	Cyperus	12	112	Cyperus	12			
38	Pinus	12	79	Pinus	12	113	Cyperus	12	114	Cyperus	12			
39	Carex	10	80	Cyperus	12	115	Cyperus	12	116	Cyperus	12			
40	Carex	10	81	Cyperus	12	117	Cyperus	12	118	Cyperus	12			
41	Hwy	10	82	Carex	10	119	Cyperus	12	120	Cyperus	12			
Tree Dia. Sum 490					Tree Dia. Sum 514					490 + 514 = 1004 Dia. Inches of regulated trees to be Removed				
Tree Dia. Sum 521					Tree Dia. Sum 578					521 + 578 = 1099 Dia. Inches of regulated trees to be Preserved				

There are thirteen significant trees requiring mitigation

NOTE: THE CRITICAL ROOT ZONE (CRZ) OF A TREE IS WHERE THE MAJORITY OF A TREE'S ROOTS LAY. 80% OF MOST TREE ROOTS ARE FOUND IN THE TOP 24" OF THE SOIL AND SUPPLY THE MAJORITY OF NUTRIENTS AND WATER. GENERALLY, ROOTS SPREAD OUT 2-3X THE HEIGHT OF THE TREE.

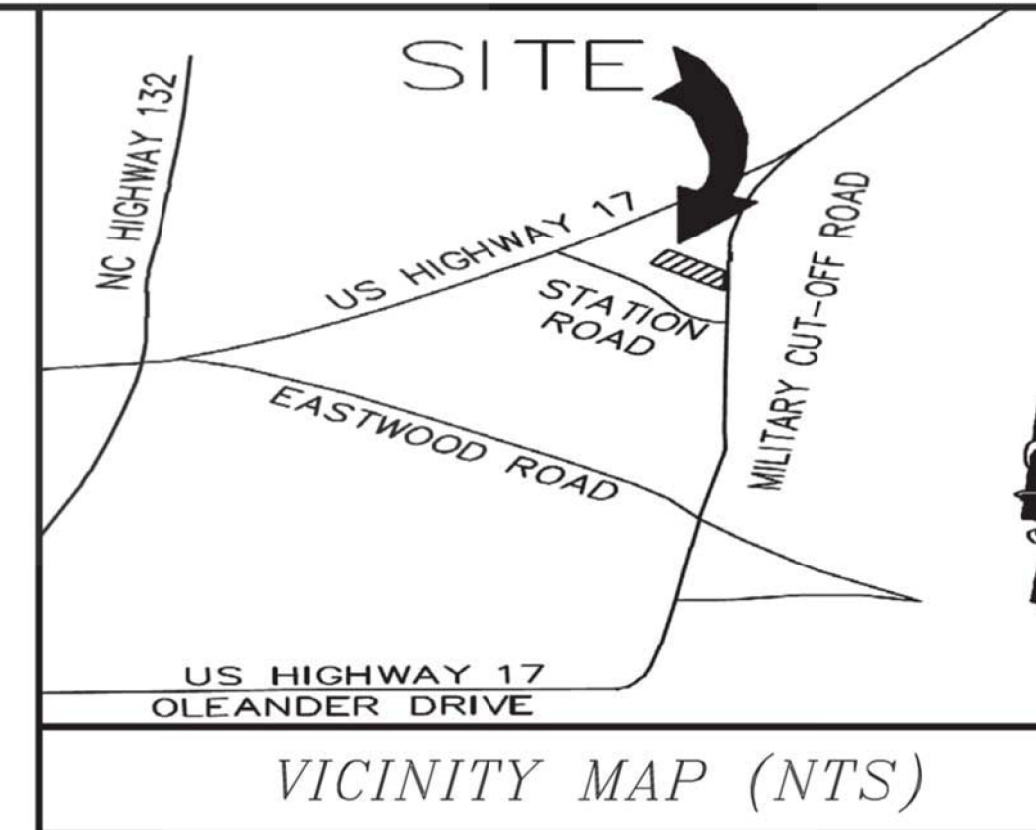


NOTES:
 1. PROTECT CRITICAL ROOT ZONE (CRZ) OF TREES PRIOR TO CONSTRUCTION. CLEARLY MARK THE TREES AND ERECT A PROTECTIVE BARRIER AT THE CRZ. BARRIERS SHALL BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETE.
 2. CRZ RADIUS IS 1 FT FOR EACH INCH OF TREE DIAMETER AT BREAST HEIGHT (DBH).
 3. WHERE SIDEWALKS AND PATHWAYS PASS WITHIN CRZ, EXTRA CARE SHALL BE TAKEN TO AVOID DAMAGE TO THE ROOTS. ALTERNATE CONSTRUCTION METHODS, SUCH AS A REINFORCED SIDEWALK, SHALL BE IMPLEMENTED AS NECESSARY.
 4. FOR ALL TREES, CUTTING OF LARGE STRUCTURAL ROOTS LOCATED NEAR THE BASE OF THE TRUNK IS PROHIBITED. DO NOT COMPACT SOIL BENEATH TREES. NO VEHICLE SHALL BE ALLOWED TO PARK UNDER TREES. NO HEAVY MATERIALS SHALL BE STORED BENEATH TREES. DAMAGING THE BARK WITH LAWNMOWERS, CONSTRUCTION EQUIPMENT, OR ANYTHING ELSE IS PROHIBITED. CONTRACTOR SHALL REPAIR DAMAGE TO TREES.
 5. FAILING TO INSTALL OR MAINTAIN PROTECTION MEASURES MAY RESULT IN A STOP WORK ORDER AND FINE OF \$500/DAY, DISTURBANCE OTHER THAN THAT ALLOWED ON THE APPROVED PLAN WILL REQUIRE OWNER TO POST A LETTER OF CREDIT FOR 3 YRS FOR TREE MITIGATION.

NOTE: DRAWINGS ARE NOT TO SCALE. USE AS A GUIDE FOR DETERMINING MINIMUM CRZ.

TREE PROTECTION DETAILS

PLU: R04400-006-003-00A
 MAPID: 315866.48.1065.B01
 FRANCHISE REALTY INTERSTATE
 Zoning: RB
 Book & Page: BK1096 PG024
 EX-TAIL CENTER USE



Approved Construction Plan

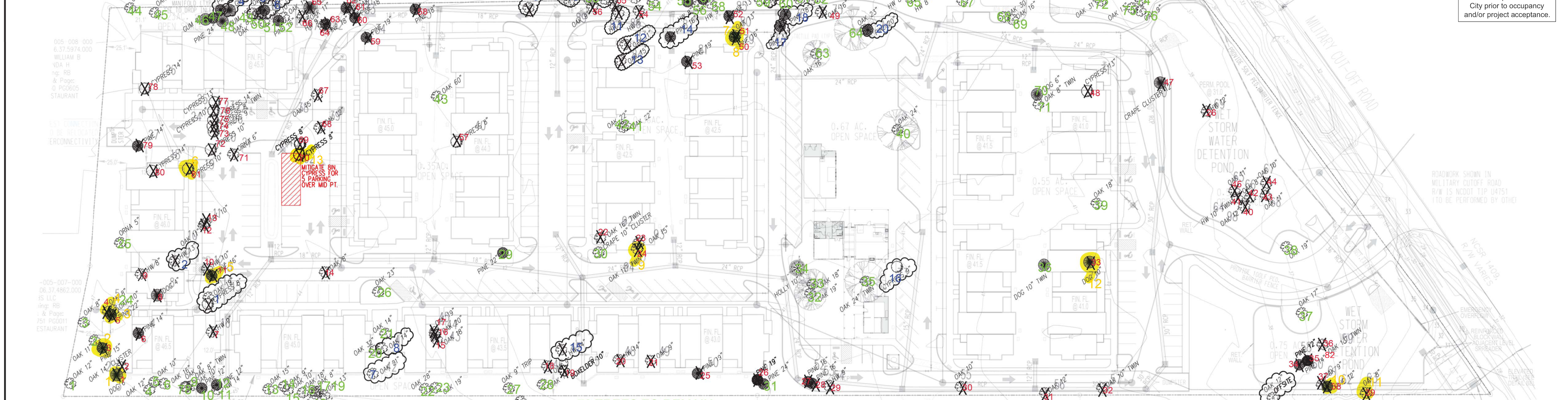
Name _____ Date _____
 Planning _____
 Traffic _____
 Fire _____

CITY OF WILMINGTON
 NORTH CAROLINA
 Public Services • Engineering Division
APPROVED STORMWATER MANAGEMENT PLAN
 Date: _____ Permit # _____
 Signed: _____

For each open utility cut of City streets, a \$325 permit shall be required from the City prior to occupancy and/or project acceptance.

Damaged Trees historically proposed to be removed					Trees to be planted									
NO.	TREE	DIA.	NO.	TREE	DIA.	NO.	TREE	DIA.	NO.	TREE	DIA.			
17	Pinus	12	1	Hwy	12	26	Pinus	12	27	Pinus	12			
13	Carex	10	14	Pinus	12	28	Pinus	12	29	Pinus	12			
18	Pinus	12	15	Hwy	9	30	Pinus	12	31	Pinus	12			
9	Carex	10	16	Carex	12	32	Pinus	12	33	Pinus	12			
1	Cyperus	12	17	Carex	12	34	Pinus	12	35	Pinus	12			
Tree Dia. Sum 72					Tree Dia. Sum 48					72 + 48 = 120 Dia. Inches to be removed as hurricane damaged				

Damaged Trees originally proposed to be saved					Trees to be removed as hurricane damaged									
NO.	TREE	DIA.	NO.	TREE	DIA.	NO.	TREE	DIA.	NO.	TREE	DIA.			
16	Cyperus	12	1	Carex	12	89	Cyperus	12	90	Cyperus	12			
4	Carex	9	2	Carex	12	91	Cyperus	12	92	Cyperus	12			
3	Pinus	12	3	Carex	12	93	Cyperus	12	94	Cyperus	12			
1	Carex	10	4	Carex	12	95	Cyperus	12	96	Cyperus	12			
20	Pinus	12	5	Carex	12	97	Cyperus	12	98	Cyperus	12			
5	Carex	10	6	Carex	12	99	Cyperus	12	100	Cyperus	12			
Tree Dia. Sum 89					Tree Dia. Sum 80					89 + 80 = 169 Dia. Inches to be removed as hurricane damaged				



LEGEND

- PROJECT BOUNDARY
- WATER MAIN
- GRAV. SEWER & MANHOLE
- STORMDRAIN
- WETLAND LINE
- EX. CONTOURS
- PROP. HIGH POINT
- PROP. DRAINAGE DIR.
- DISTURBED AREA
- GATE VALVE
- HYDRANT ASSEMBLY
- TREE TO BE REMOVED FOR ESSENTIAL SITE IMPROVEMENTS
- TREE TO BE REMOVED FOR BUILDING CONSTRUCTION
- TREES DAMAGED BY HURRICANE FLORENCE TO BE REMOVED

DRAWING NO.: W://MASTER/PW1312/dgn/EXISTING CONDITIONS & TREE PRESERVATION



SURVEY REFERENCE:
 TREE SURVEY PROVIDED BY BATEMAN CIVIL SURVEY CO.
 REVISED MAY 17, 2019 TO REPORT NOTED OMISSIONS AND POST HURRICANE FLORENCE TREE DAMAGE

PROFESSIONAL SEAL
 NORTH CAROLINA
 JAMES H. FENTRESS, JR., P.E.
 DATE: 6/12/2019

VILLAGE TOWNHOMES
 (FORMERLY ARBORETUM VILLAGE)
 CITY OF WILMINGTON, NEW HANOVER COUNTY, NORTH CAROLINA

OWNER: WHEEL ESTATES I, LLC
 ADDRESS: 101 N. THIRD STREET, WILMINGTON, N.C. 28401
 PHONE: _____

DESIGNED: JHF
 DRAWN: kbn
 APPROVED: JHF
 DATE: 3/6/18
 SCALE: 1" = 40'
 SHEET 2 OF 19

STROUD ENGINEERING, P.A.
 102-D CINEMA DRIVE, WILMINGTON, NORTH CAROLINA 28403
 (910) 815-0775 (910) 815-0593 FAX

PROJECT NO.: PW 1312



NEW HANOVER COUNTY

ENGINEERING

230 Government Center Drive, Suite 160, Wilmington, NC 28403

P: (910) 798-7139 | F: (910) 798-7051 | NHCgov.com

Jim Iannucci, PE, CFM, County Engineer

June 18, 2019

Arboretum Village LLC
10 South Cardinal Drive,
Wilmington, North Carolina 28403

RE: Grading Permit #59-18, Village Townhomes

Dear Mr. Mark Maynard,

This office has reviewed the subject erosion and sedimentation control plan. We find the plan to be acceptable with performance reservations and modifications. **Please read the permit conditions carefully and return the signed blue original to our office and keep the copy for your records.** Approval of this land disturbing permit hereby give notice of our right of periodic inspection to ensure compliance with the approved plan.

As of April 1, 2019, all new construction activities are required to complete and submit an electronic Notice of Intent (NOI) form requesting a Certificate of Coverage (COC) under the NCG010000 Construction Stormwater General Permit. This form MUST be submitted prior to the commencement of and land disturbing activity on the above named project, according to State Stormwater requirements. The NOI form may be accessed at deq.nc.gov/NCG01. Please direct questions about the NOI form to Annette Lucas at Annette.lucas@ncdenr.gov or Paul Clark at Paul.clark@ncddenr.gov. After you submit a complete and correct NOI Form, a COC will be emailed to you within three business days. Initially, DEMLR will not charge a fee for coverage under the NCG01 permit. However, on or after May 1, 2019, a \$100 fee will be charged annually. This fee is to be sent to the DEMLR Stormwater Central Office staff in Raleigh.

A copy of the enclosed land disturbing permit, a copy of the approved erosion and sedimentation control plan as well as any approved deviations, the NCG01 permit, a copy of the Certificate of Compliance (COC), records of inspections made during the previous 30 days and a rain gauge must be posted at the job site.

A preconstruction meeting is optional prior to any land disturbing activity on this project. Please contact me at (910) 798-7139 if you would like to schedule this meeting in our office. If you choose not to have the preconstruction meeting, you need to contact us with the date land disturbing activity will take place onsite and again once the initial erosion control measures are installed.

New Hanover County's Erosion and Sedimentation Control Program is performance-oriented, requiring protection of existing natural resources and adjoining properties. If, following the commencement of the project, it is determined that the plan is inadequate to meet the requirements of the New Hanover County's Erosion and Sedimentation Control Ordinance, this office may require revisions to the plan and its implementation of the revisions to insure compliance with the ordinance.

This land disturbing permit will expire within 1 year following the date of approval, if no land disturbing activity has been undertaken. If no activity takes place within one year after work has begun onsite, the permit will expire. Please contact this office to reactivate a permit that has expired.

Acceptance and approval of this erosion control plan is conditioned on your compliance with Federal and State water quality laws, regulations and rules. This permit will not preclude any other permits or approvals necessary for beginning or completing this development. It is the owner's responsibility to have all the approvals and permits that are required prior to beginning construction.

Please note this approval is based in part on the accuracy of the information provided in the Financially Responsibility Form, which you provided. You are requested to file an amended form if there is any change in the information included on the form.

Your cooperation is appreciated,



Beth Easley Wetherill
NHC Soil Erosion Specialist

cc: Jimmy Fentress PE, Stroud Engineering, PA
Nicole Smith Associate Planner, City of Wilmington



Permit for a Land Disturbing Activity

New Hanover County
Department of Engineering
230 Government Center Drive - Suite 160
Wilmington, North Carolina 28403
(910) 798-7139

As authorized by the New Hanover County Erosion and Sedimentation Control Ordinance

This permit issued to Arboretum Village, LLC authorizes the development of 8.6 acres of land at 294 Military Cutoff Road for Village Townhomes in New Hanover County with performance reservations and modifications. This permit issued on June 18, 2019 is subject to compliance with the application and site drawings, all applicable regulations and special conditions and notes set forth below. **Any plan modifications must be approved by this office prior to field changes.**

It is understood by the applicant that a representative of New Hanover County's Engineering Department may inspect the site at any time following the issuance of this Permit. A copy of this permit, the approved Soil Erosion and Sedimentation Control Plan as well as any approved deviations, a copy of DEMLR's NCG01 Certificate of Compliance, records of inspections made during the previous 30 days and a rain gauge must be posted at the job site at all times.

Failure to execute the provisions of this permit and the approved Soil Erosion Plan, or any other provisions of the New Hanover County Soil Erosion and Sedimentation Control Ordinance, may result in immediate legal action by the County to the limits prescribed by the Ordinance. If the measures outlined on the approved Soil Erosion Control Plan and this Permit prove insufficient, additional Erosion Control measures can and will be required, which in turn will be considered provisions of this Permit. Additional plan submittals and approvals may be required. Acceptance and approval of this erosion control plan is conditioned on the applicant's compliance with Federal and State laws, regulations and rules. This Permit does not preclude any other permits or approvals necessary for beginning or completing this development. It is the Permittee's responsibility to obtain all necessary permits and approvals that are required prior to beginning construction.

This approval is based in part on the accuracy of the information provided on the Financially Responsibility Form, which you provided. You are required to file an amended form if there is any change in the information that was provided.

SPECIAL CONDITIONS

(THESE CONDITIONS MUST BE FOLLOWED IN ADDITION TO THE PLANS AND SPECIFICATIONS)

*All the soil erosion control measures will be installed as the site is cleared and maintained throughout construction. This projects construction sequence states to clear and grade for sediment basins A & B and the connection pipe, then install the ponds and promote drainage to them as the site is cleared. Erosion control measures include a construction entrance, silt fences, 2 diversion ditches, inlet and outlet protection concrete washouts and immediate construction and stabilization of the 2 sediment basins, their slopes and outlet structures with a 3-inch skimmer in sediment basin B and a sodded sand filter level spreader and sodded vegetative filter with 3 excelsior logs placed perpendicular to flow. If DOT has installed silt fence on the R/W it may be used in lieu of that on the plan as long as its functional. Additional erosion control may be required on site and south of Pond B.

*Silt fence stakes must be steel and will be placed **six feet apart without wire reinforcement and extra strength silt fence or eight feet apart with wire reinforcement**. Silt fence is **not** allowed as inlet protection.

*If any phase of grading ceases for more than 15 working days, the site will be temporarily stabilized.

*All slopes must be stabilized within 21 calendar days of any phase of activity.

*No sediment shall leave the site.

*If these measures fail to adequately control erosion, more restrictive measures will be required.

*If plan revisions are necessary you must submit a copy to this office for approval **prior** to any field changes.

*Any borrow material brought onto this site must be from a legally operated mine or other approved source including a separate construction site with an active land disturbing permit. Borrow from any other location would require this permit to be revised to include the area where the borrow was generated as part of this site. Any soil waste that leaves this site can be transported to a permitted mine or separate construction site with an active land disturbing permit without additional permits. Disposal at any other location would require the disposal site to be included in this permit and would require submittal and approval of revised plans. You must notify this office of the location where soil is taken from or transported too prior to the activity.

*Note the required rates for seed, lime, fertilizer and mulch in your seeding specifications.

*Pre-construction meetings are optional. Contact Beth E. Wetherill at (910) 798-7139 to set up a meeting prior to land disturbing activity onsite. If you do not choose to have a preconstruction meeting prior to starting work on site, you should contact us when activity begins and again when the initial measures have been installed.

*Tree Removal Permits and/or Approvals are required from the City of Wilmington and/or New Hanover County.

*All City and/or County and State drainage and stormwater requirements will be adhered to.

*This permit does not preclude any permits or approvals which may be necessary. These include but are not limited to, City of Wilmington or New Hanover County Stormwater, Planning or Zoning, State or County C.A.M.A., DEMLR Water Quality, Water Resources or Solid Waste, the US Army Corps. of Engineers or any other agencies.

The approval of an erosion control plan is conditioned on the applicant's compliance with Federal and State Water Quality laws, regulations and rules.

* This land disturbing permit requires inspections and record keeping to be performed by the landowner, the financially responsible party or their agent, during and after each phase of the plan has been completed and after establishment of temporary ground cover. Records shall be maintained onsite until permanent ground cover has been established to provide sufficient root structure to restrain erosion. These phases include: installation of perimeter erosion and sediment control measures; clearing and grubbing of existing ground cover; completion of any phase of grading on slopes or fills that requires provisions of temporary or permanent ground cover; completion of storm drainage facilities; completion of construction or development; and quarterly until the establishment of permanent ground cover sufficient to restrain erosion. Or, until the financially responsible party has conveyed ownership or control of the tract of land for which the erosion and sedimentation control plan has been approved and the agency that approved the plan has been notified. If the financially responsible party has conveyed ownership of control of the tract of land for which the erosion and sedimentation control plan has been approved, the new owner's or person in control shall conduct and document inspections quarterly until the establishment of permanent ground cover sufficient to restrain erosion. The person who performs the inspections shall maintain and make available a record of the inspection at the site of the land disturbing activity until permanent ground cover has been established. The records will document: the installation of the erosion and sedimentation control measures, practices and devices as set forth by the approved plan or if the measures, practices and devices are modified after initial installation; the completion of any phase of grading for all graded slopes and fills shown on the approved plan, specifically noting the location and condition of the graded slopes and fills; the location of temporary or permanent ground cover, and that the installation of the ground cover does not significantly deviate from the approved plan; that maintenance and repair requirements for all temporary and permanent erosion and sedimentation control measures, practices an devices have been performed and that they don't significantly deviate from the approved plan; any significant deviation from the approved erosion control plans and identify measures that may be required to correct the deviation and document the completion of the corrective actions; it includes contact information for the person conducting the inspection and the date of the inspection. These requirements are in addition to inspections required by GS 113A 61.1.

* As of April 1, 2019, all new construction activities are required to complete and submit an electronic Notice of Intent (NOI) form requesting a Certificate of Coverage (COC) under the NCG010000 Construction Stormwater General Permit unless this project has applied for an Individual Construction Stormwater Permit. The NOI form must be submitted prior to the commencement of any land disturbing activity on the above named project, according to State Stormwater requirements. The NOI form may be accessed at deq.nc.gov/NCG01. Please direct questions about the NOI form to Annette Lucas at Annette.lucas@ncdenr.gov or Paul Clark at Paul.clark@ncdenr.gov. After you submit a complete and correct NOI Form, a COC will be emailed to you within three business days. Initially, DEMLR will not charge a fee for coverage under the NCG01 permit. However, on or after May 1, 2019, a \$100 fee will be charged annually. This fee is to be sent to the DEMLR Stormwater Central Office staff in Raleigh.

*Additional self-inspections, record keeping and reporting is required by the Construction Stormwater General Permit - NCG01 per State Stormwater. It requires inspections and record keeping at least once per 7 calendar days and within 24 hours of a rain event of 1.0 inch or more, in 24 hours. Rain inspections reset the required 7 calendar day inspection requirement. Records of inspection made during the previous 30 days must be kept onsite. Other reports are to be made available for 3 years. Reporting is required to the States Stormwater Divisions Regional Office for sediment deposits in streams or wetlands, oil spills, release of hazardous substances, anticipated bypasses, unanticipated bypasses and noncompliance with conditions of the permit that may endanger health or the environment. There are specific time frames for reporting and submittal of reports to the Divisions Regional Office. NCG01 includes 7 and 14 calendar day ground stabilization and materials handling requirements. Materials are to be kept in leak proof containers, under storm resistant cover or have secondary control structures. They are to be stored 50 feet away from storm drains, surface waters and wetlands. They include flocculants, equipment and vehicle maintenance, litter, building materials and land clearing waste, paint and other liquids, portable toilets, earthen stockpile management, concrete washouts, herbicides, pesticides and rodenticides, and hazardous and toxic waste. Contact the Department of Energy, Mineral and Land Resources Stormwater Division at deq.nc.gov/NCG01 or the Wilmington Regional Office at 910) 798-7215 for additional information.

This Permit will expire one year from date of issue if no construction activity begins on site. This permit may not be amended or transferred to another party without approval of this office.

Acknowledgment of Receipt of Permit

Owner

By (please print)

Signature

Beth Easley Wetherill

Beth E. Wetherill, C.P.E.S.C.
Soil Erosion Specialist/New Hanover County



WILMINGTON

City of
Wilmington
North Carolina

**Development
Services**

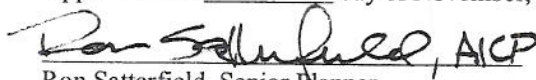
305 Chestnut Street
PO Box 1810
Wilmington, NC 28402-1810
(910) 341-7873 tdd

**POLICY ON THE RELEASE OF PROJECTS FOR THE PURPOSE
OF CLEARING AND GRADING**

No release of projects for the purpose of clearing and grading will be approved except under the following circumstances:

1. Any applications for State permits, including those for driveways, stormwater, water extensions and sewer extensions, CAMA, etc. must have been applied for and received by the applicable State agency. The application must have been submitted to the applicable State agency for a time period exceeding the minimum review time of such applicable agency, indicating a delay by the State agency in the review of the application. Evidence that the applicable State agencies will issue the permit as submitted shall be provided by the applicant or the clearing and grading release will not be issued.
2. If wetlands exist on the site, no clearing and grading release of the project will occur until all reviewing agencies have completed their review, approved the plan and issued the wetland permit. Any and all wetland permits shall be submitted to and received by the City of Wilmington prior to the clearing and grading release of a project.
3. If a project is released for clearing and grading, then the release shall be for clearing and grading only and subject to the limits as authorized by the approved erosion control plan. However, no walls, utilities, infrastructure, structure (including footings), etc. shall be constructed.
4. If the conditions listed above are violated, a stop work order shall be issued.
5. Pre-construction meetings shall be held with the applicant and city staff to discuss the limits of the conditional approval, construction entrance driveways, tree preservation/removal, and any other issue of concern that staff and/or the developer may have. The Technical Review Committee meeting is not a pre-construction meeting.
6. The developer assumes all risks and penalties with any delay or stop work order associated with the violation of this policy. An indemnification statement shall be placed on each release to guarantee that the City of Wilmington will not be held liable for any costs associated with the clearing and grading release.
7. The applicant will sign the clearing and grading release to acknowledge that he/she understands the conditions and risks associated with the release.
8. No partial release for clearing and grading release will be granted for any applicant that has violated these conditions during a twelve month time period from the date of request for clearing and grading release.

Approved this 19th day of November, 2002:


Ron Satterfield, Senior Planner

Community Development
(910) 341-7836 telephone
(910) 341-7802 facsimile

Planning
(910) 341-3258 telephone
(910) 341-7801 facsimile

Engineering
(910) 341-7807 telephone
(910) 341-5881 facsimile

Development Management
(910) 254-0900 telephone
(910) 341-3264 facsimile