U.S. ARMY CORPS OF ENGINEERS

WILMINGTON DISTRICT

Action Id. <u>SAW-1990-30036</u> County: <u>New Hanover</u> U.S.G.S. Quad: <u>NC-Wilmington</u>

GENERAL PERMIT (REGIONAL AND NATIONWIDE) VERIFICATION

Permittee: Matrix Development Group Agent: Land Management Group

Joseph Taylor Kim Williams

CN 4000 Forsgate Drive 3805 Wrightsville Ave

Cranbury, NJ, 00512 Suite 15

Wilmington, NC 28403

Size (acres) 139 Nearest Town Wilmington
Nearest Waterway Barnards Creek River Basin Cape Fear

USGS HUC <u>03030005</u> Coordinates Latitude: <u>34.165863</u>

Longitude: <u>-77.923158</u>

Location description: <u>Project area is located on the existing golf course of the Echo Farms subdivision in Wilmington, New Hanover County, North Carolina. Project is located to the west of Carolina Beach Road, areas to be developed include course areas near Chastain Drive, Appleton Way, and Echo Farms Road.</u>

Description of projects area and activity: This verification authorizes the discharge of fill material into 0.032 of wetlands for the construction of two road crossings in tract 2 of the Woodlands at Echo Farms and 0.034 acre of permanent open water impacts for a road crossing for access to Tract 3A. Permanent wetlands impacts of 0.008 acre are authorized for the construction of two stormwater outlets in Tract 3B and 0.014 acre of open water impacts for an additional stormwater outlet. 37 linear feet of fill is authorized for the replacement of an existing culvert in Tract 3B and an additional 20 linear feet of temporary impacts for utility line installation. The fill is authorized under this permit is for the construction of residential homes and apartments and stormwater features on the existing Echo Farms Golf Course and access to these housing areas.

Applicable Law(s):	Section 404 (Clean Water Act, 33 USC 1344)	
	Section 10 (Rivers and Harbors Act, 33 USC 40	13

Authorization: Nationwide/General Permit Number: Permit Number: 18 & 29

SEE ATTACHED NWP GENERAL, REGIONAL, AND/OR SPECIAL CONDITIONS

Your work is authorized by the above referenced permit provided it is accomplished in strict accordance with the enclosed Conditions, your application signed and dated <u>2/21/2019</u>, and the enclosed plans <u>Wetland Impact Exhibit Maps</u> dated <u>11/16/2018</u>. Any violation of the attached conditions or deviation from your submitted plans may subject the permittee to a stop work order, a restoration order, a Class I administrative penalty, and/or appropriate legal action.

This verification will remain valid until the expiration date identified below unless the nationwide authorization is modified, suspended or revoked. If, prior to the expiration date identified below, the nationwide permit authorization is reissued and/or modified, this verification will remain valid until the expiration date identified below, provided it complies with all requirements of the modified nationwide permit. If the nationwide permit authorization expires or is suspended, revoked, or is modified, such that the activity would no longer comply with the terms and conditions of the nationwide permit, activities which have commenced (i.e., are under construction) or are under contract to commence in reliance upon the nationwide permit, will remain authorized provided the activity is completed within twelve months of the date of the nationwide permit's expiration, modification or revocation, unless discretionary authority has been exercised on a case-by-case basis to modify, suspend or revoke the authorization.

Activities subject to Section 404 (as indicated above) may also require an individual Section 401 Water Quality Certification. You should contact the NC Division of Water Resources (telephone 919-807-6300) to determine Section 401 requirements.

For activities occurring within the twenty coastal counties subject to regulation under the Coastal Area Management Act (CAMA), prior to beginning work you must contact the N.C. Division of Coastal Management in Wilmington, NC, at (910) 796-7215.

This Department of the Army verification does not relieve the permittee of the responsibility to obtain any other required Federal, State or local approvals/permits.

If there are any questions regarding this verification, any of the conditions of the Permit, or the Corps of Engineers regulatory program, please contact <u>Rachel Capito</u> at <u>(910)-251-4487</u> or <u>Rachel.A.Capito@usace.army.mil</u>

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Corps Regulatory Official: 90 Date: 4/1/2019

Expiration Date of Verification: 3/18/2022

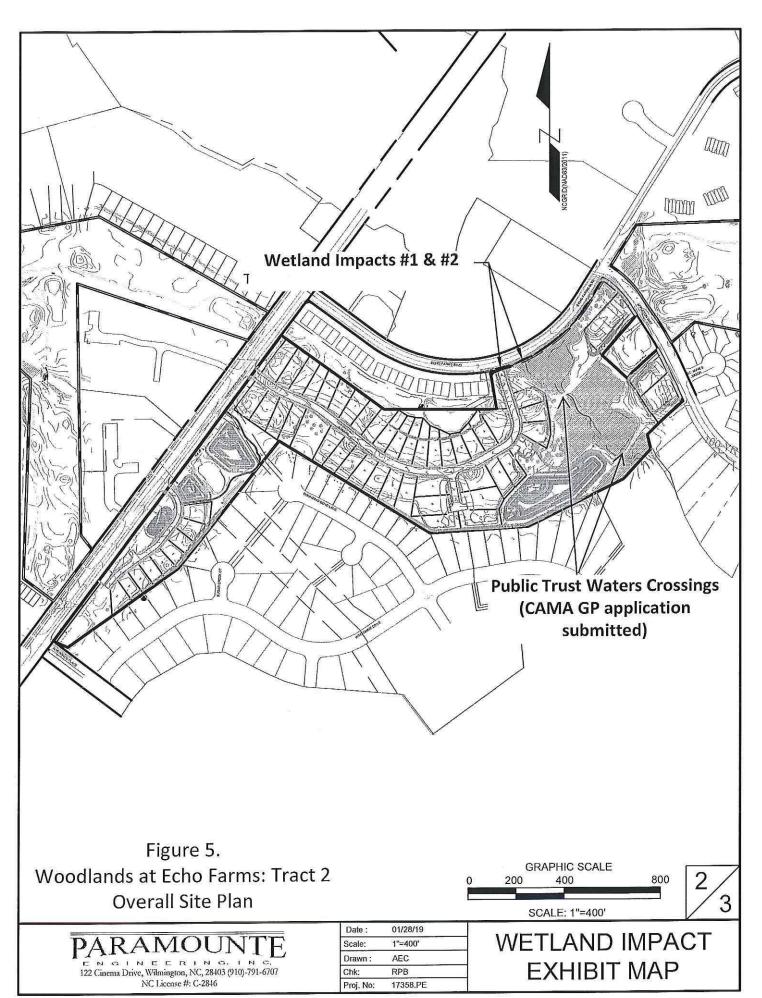
SPECIAL CONDITIONS SAW-1990-30036

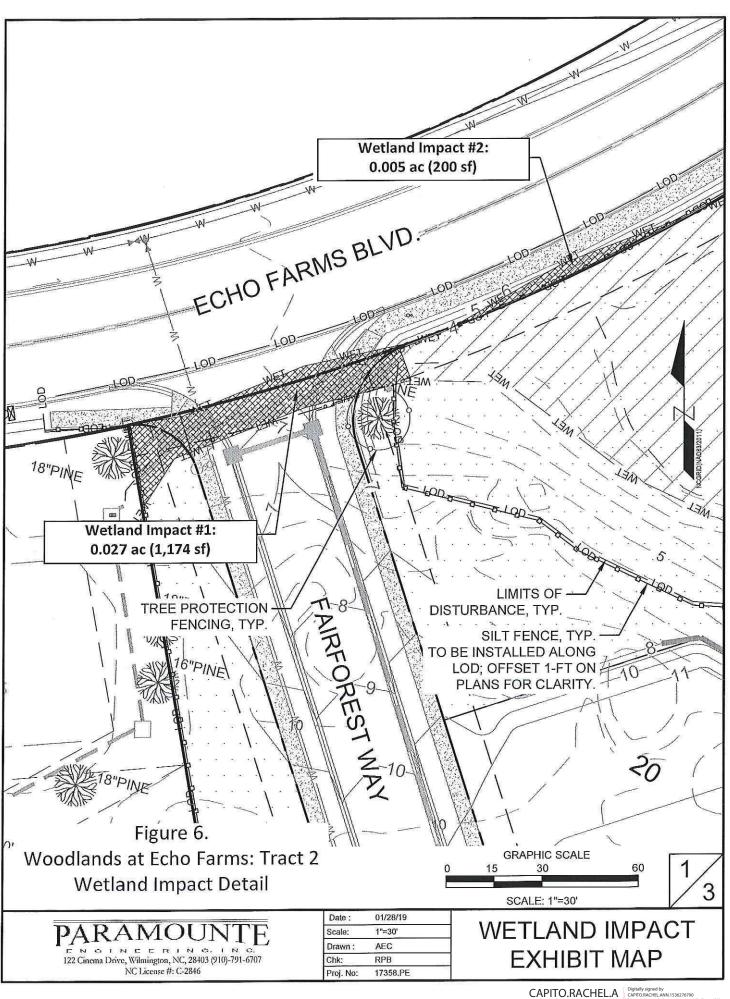
- 1. In order for this permit to be valid, you must obtain 401 Water Quality Certification from the North Carolina Division of Water Resources. The permittee shall provide the Corps with a copy of the required certification or waiver of certification from the state prior to proceeding with the work in waters of the U.S. The permittee shall comply with all conditions of the state certification.
- 2. Temporary discharge of excavated or fill material into wetlands and waters of the United States will be for the absolute minimum period of time necessary to accomplish the work. All authorized temporary wetland impacts will be returned to pre-disturbance grade and contour, and re-vegetated with appropriate native wetland species.
- 3. The permittee shall avoid the remaining onsite wetlands as shown on the approved drawings. These natural wetland areas were avoided as part of the permit application review process, and therefore, will not be disturbed by any dredging, filling, mechanized land clearing, agricultural activities, or other construction work whatsoever.
- 4. The permittee shall employ all sedimentation and erosion control measures necessary to prevent an increase in sedimentation or turbidity within waters and wetlands outside the authorized permit area. This shall include, but is not limited to, the immediate installation of silt fencing or similar appropriate devices around all areas subject to soil disturbance or the movement of earthen fill, and the immediate stabilization of all disturbed areas. Additionally, the project must remain in full compliance with all aspects of the Sedimentation Pollution Control Act of 1973 (North Carolina General Statutes Chapter 113A Article 4).

Permittee: Matrix Development Group, Joseph Taylor					
Project Name: Woodlands at Echo Farms					
Date Verification Issued: 4/1/2019					
Project Manager: Rachel Capito					
Upon completion of the activity authorized by this permit and any mitigation required by the permit, sign this certification and return it to the following address:					
US ARMY CORPS OF ENGINEERS WILMINGTON DISTRICT Attn: Rachel Capito Wilmington Regulatory Office U.S Army Corps of Engineers 69 Darlington Avenue Wilmington, North Carolina 28403 Please note that your permitted activity is subject to a compliance inspection by a U. S. Army Corps of Engineers representative. Failure to comply with any terms or conditions of this authorization may result in the Corps suspending, modifying or revoking the authorization and/or issuing a Class I					
administrative penalty, or initiating other appropriate legal action. I hereby certify that the work authorized by the above referenced permit has been completed in accordance with the terms and condition of the said permit, and required mitigation was completed in accordance with the permit conditions.					
Signature of Permittee Date					

County: New Hanover

Action ID Number: SAW-1990-30036





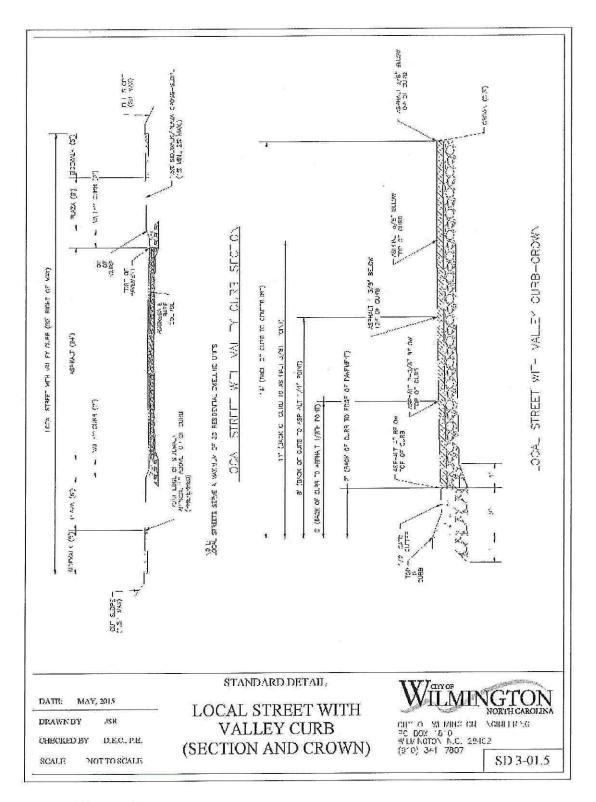


Figure 7.
Woodlands at Echo Farms: Tract 2
Road Cross Sections

ENGINEERING. INC. 122 Cinema Drive, Wilmington, NC, 28403 (910)-791-6707

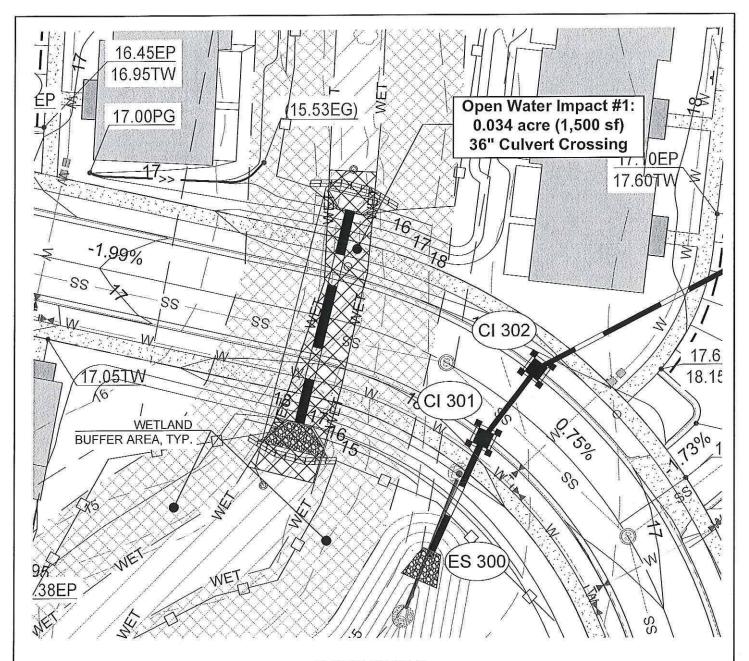
NC License #: C-2846

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| Date : 01/28/19 |
| Scale: N.T.S. |
| Drawn : AEC |
| Chk: RPB |
| Proj. No: 17358.PE |

WETLAND IMPACT EXHIBIT MAP

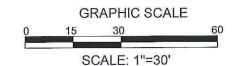
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CHASTAIN DRIVE

Figure 10.
Woodlands at Echo Farms:
Tract 3A
Detail of Road Crossing



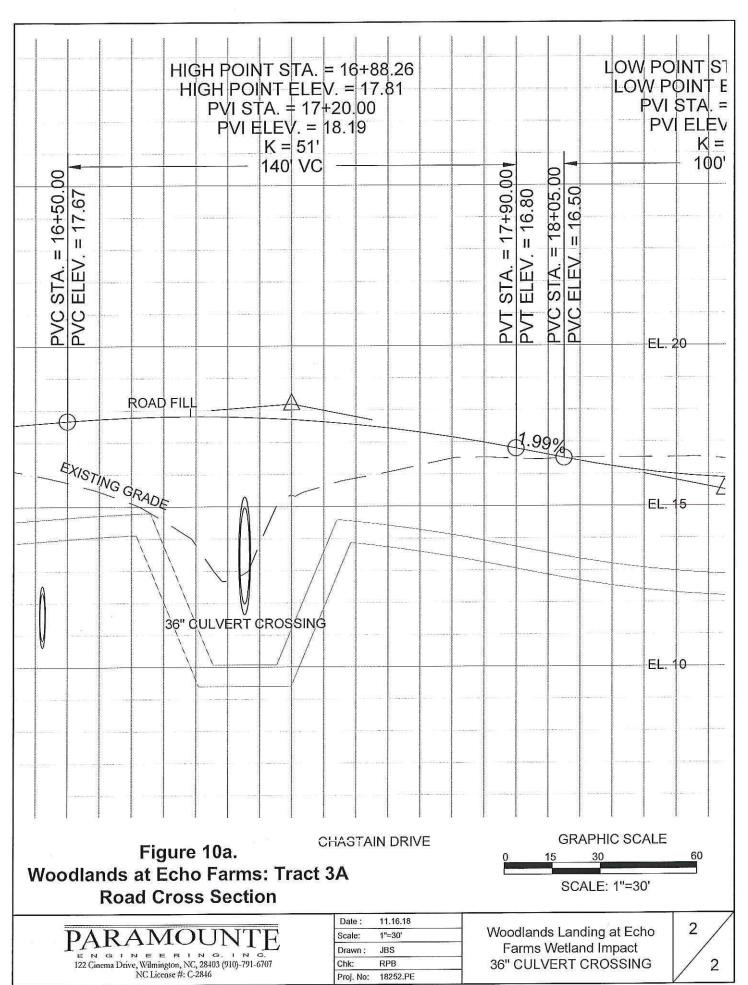


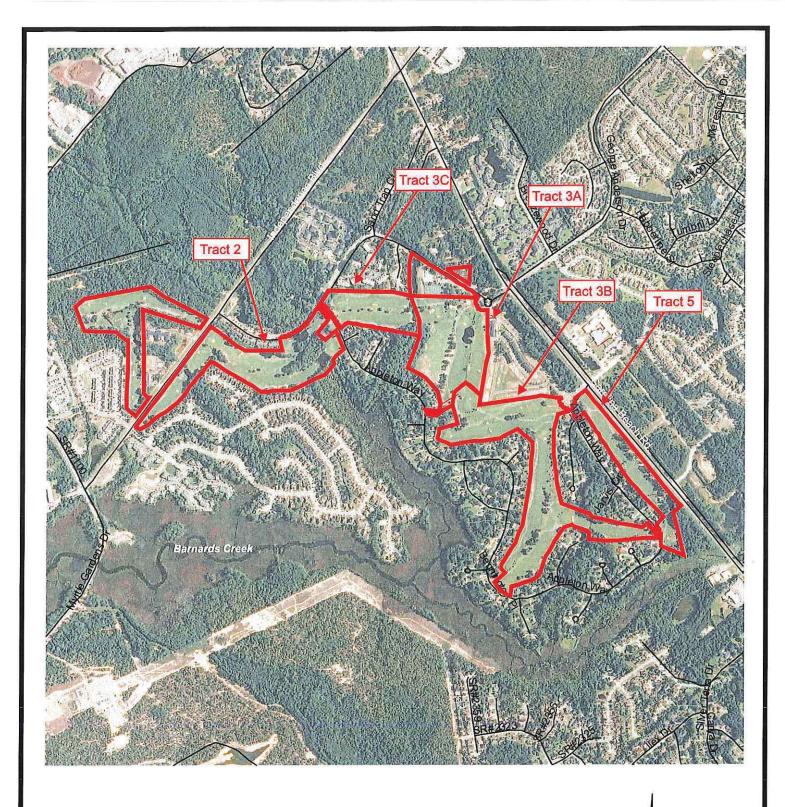
PARAMOUNTE

E N G I N E E R I N G. I N C. 122 Cinema Drive, Wilmington, NC, 28403 (910)-791-6707 NC License #: C-2846

	Date:	11.16.18	
	Scale:	1"=30"	
	Drawn:	JBS	
	Chk:	RPB	
	Proj. No:	18252.PE	

Woodlands Landing at Echo Farms Wetland Impact 36" CULVERT CROSSING 1





*Boundaries are approximate and are not meant to be absolute.

Map Source: 2012 NC One Map

Woodlands at Echo Farms Phases 2, 3A, 3B, 3C, & 5 New Hanover County, NC

> LMG19.041 January 2019

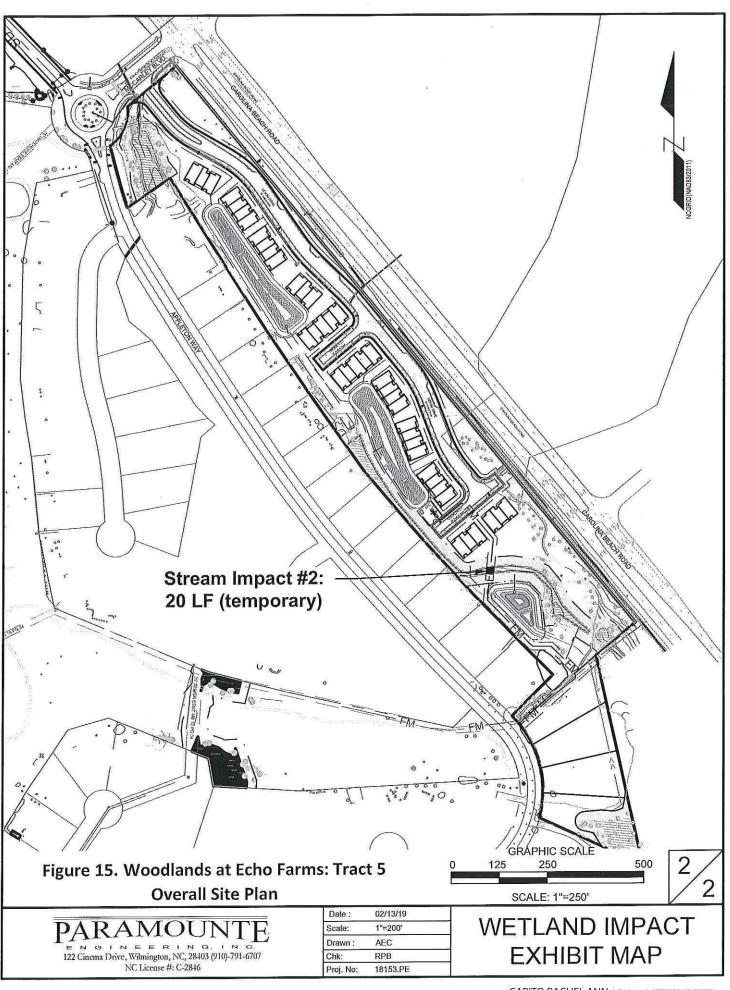


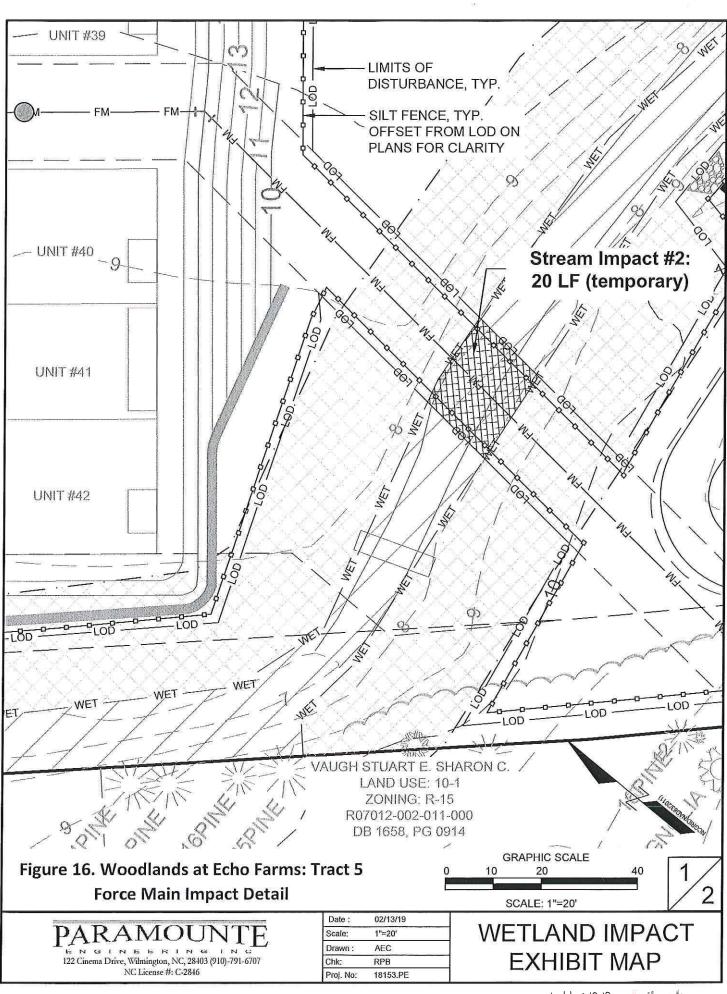
www.lmgroup.net

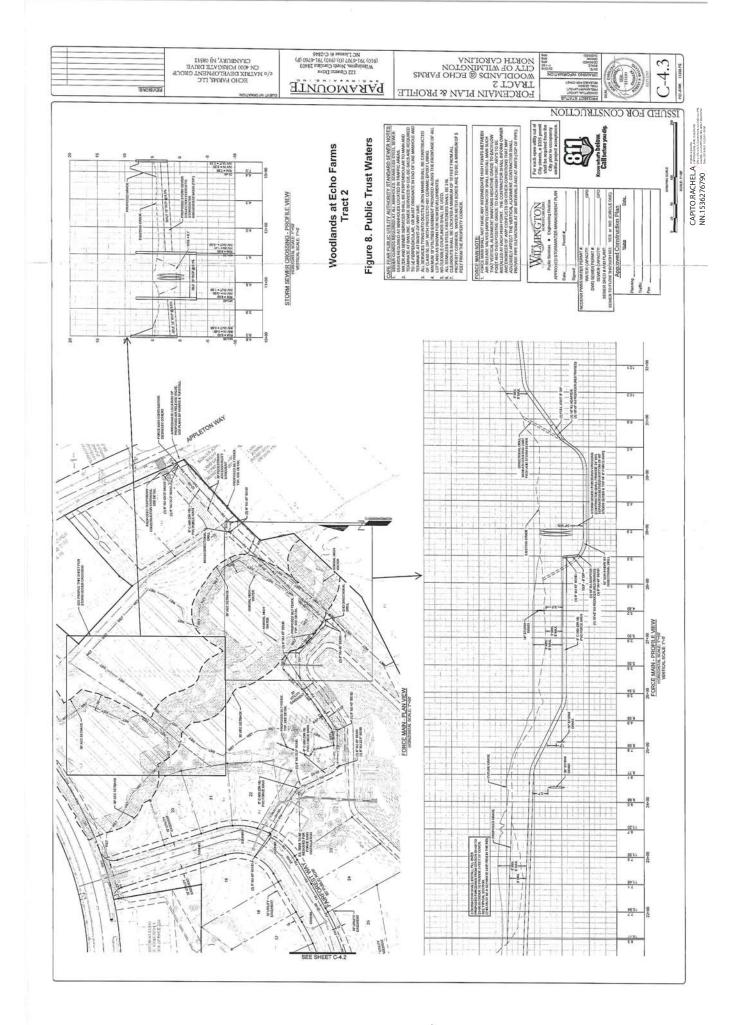
3805 Wrightsville Avenue Wilmington, NC 28403 Phone: 910.452.0001 Fax: 910.452.0060 SCALE 1" = 1,200'

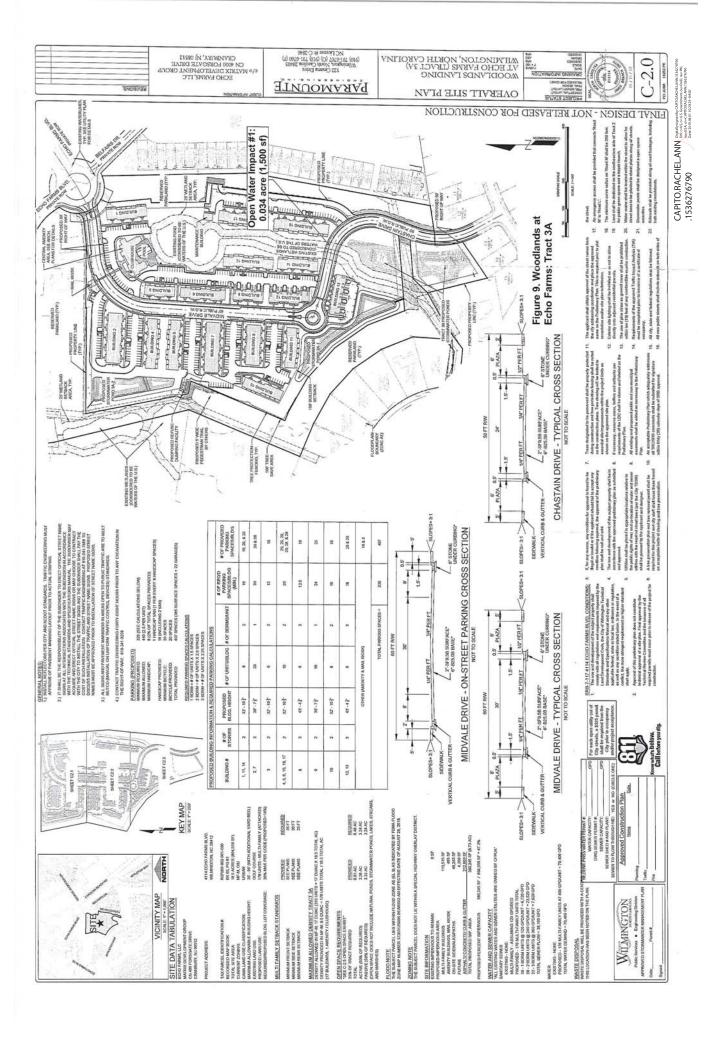
Figure 4 Aerial Photograph

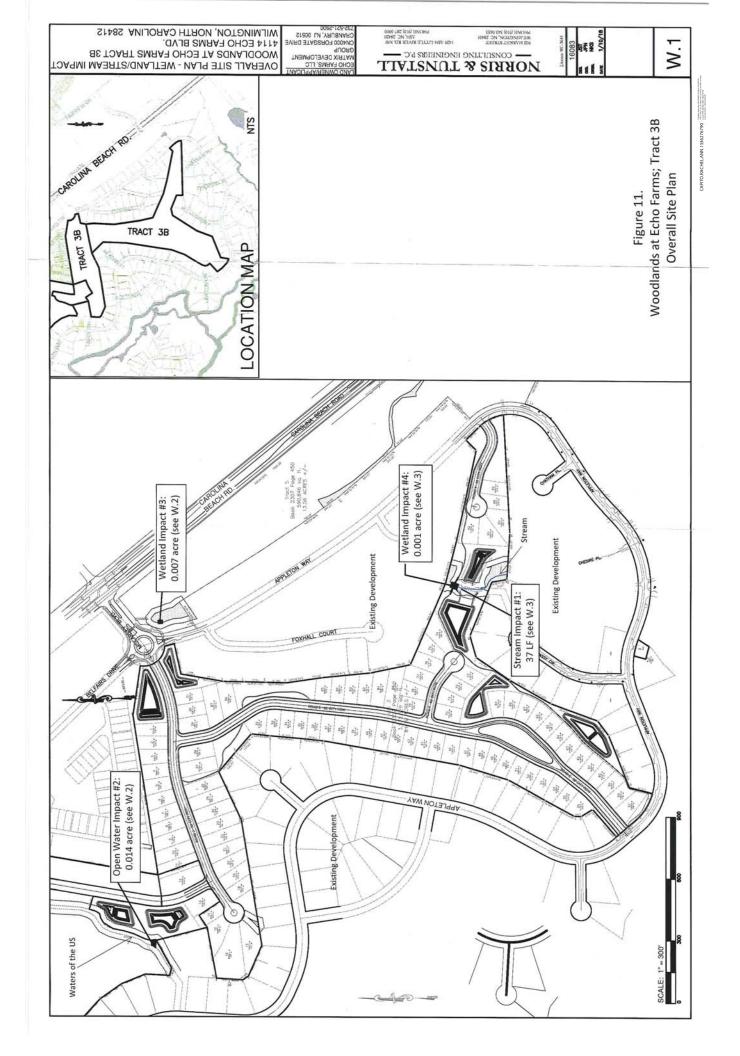
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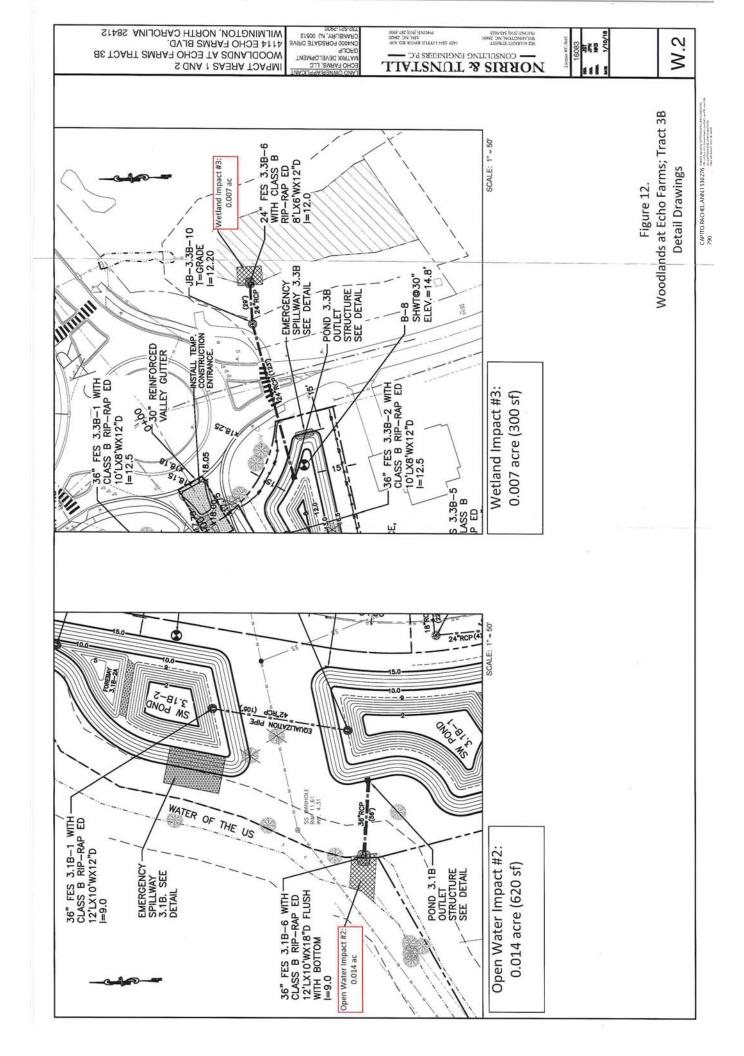


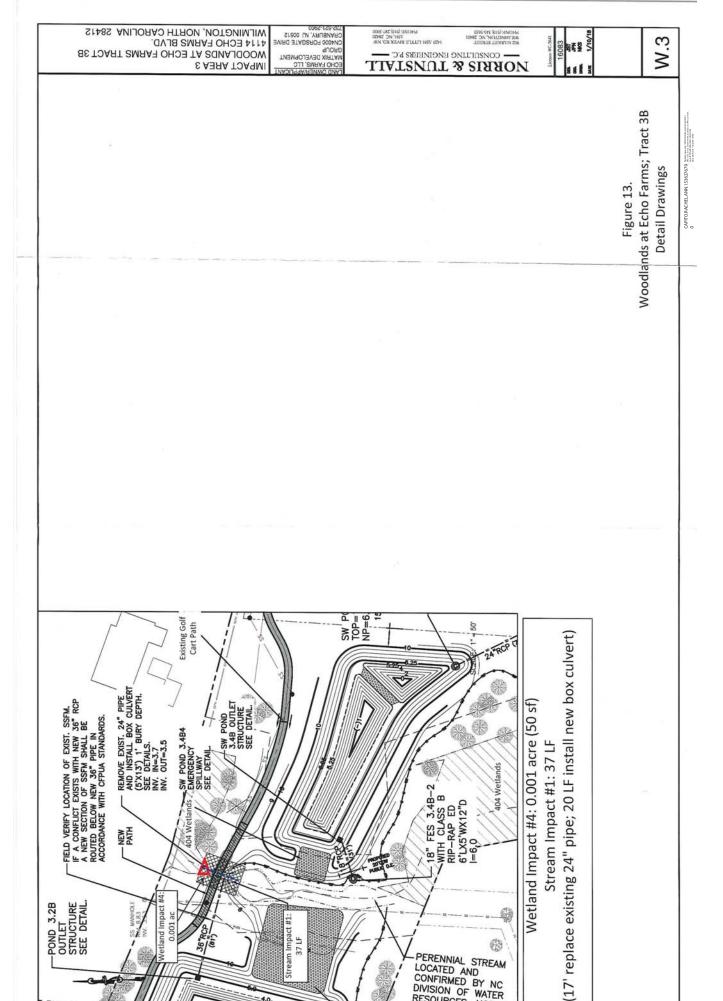












-POND 3.2B OUTLET STRUCTURE SEE DETAIL.

EAST

tland Impact 0.001 ac

37 LF

- PERENNIAL STREAM LOCATED AND CONFIRMED BY NC DIVISION OF WATER RESOURCES, NCDEQ

