NEW HANOVER COUNTY

Engineering Department
230 Government Center Drive · Suite 160
Wilmington, North Carolina 28403
TELEPHONE (910)-798-7139
Fax (910) 798-7051

Beth E. Wetherill, C.P.E.S.C.
Soil Erosion Specialist

November 21, 2017

Lot Development 3, LLC
7923 Reunion Road,
Wilmington, North Carolina 28411

RE: Grading Permit #26-17, Shinnwood Cottages

Dear Mr. Charles Poindexter II:

This office has reviewed the revised subject sedimentation and erosion 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.

A preconstruction meeting is required prior to any land disturbing activity on this project. Please contact me at (910) 798-7139 to schedule this meeting in our office.

The land disturbing fee of **$3150** is due to be paid to New Hanover County Engineering, to my attention, prior to Plat Recordation.

Please be advised that a copy of the approved soil erosion plan, a copy of the grading permit, a rain gauge and the Combined Inspection Reports must be available at all times at the site.

New Hanover County's Erosion and Sedimentation Control Program is performance oriented requiring protection of the 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 in the plan and its implementation to insure compliance with the ordinance.

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 or permits that are required prior to beginning construction. Approval of an erosion control plan is conditioned on the applicant's compliance with Federal and State Water Quality laws, regulations and rules.

Respectfully yours,
Beth Easley Wetherill

Beth Easley Wetherill
NHC Soil Erosion Specialist

cc: Charles Cazier PE, Intracoastal Engineering, PLLC
Brian Chambers AICP, City of Wilmington Planning
Robert Huth, SKF ILM, LLC

Permit# GP 26-17

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 **Lot Development 3, LLC** authorizes the development of **2.87 acres** of land at **6415 Greenville Loop Road for Shinnwood Cottages** in New Hanover County with performance reservations and modifications. This permit issued on **November 21, 2017** 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 the approved Soil Erosion Control Plan, this permit, a rain gauge and copies of the Combined Self-Monitoring and Self Inspection Reports must be available at all times at the site.

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, shall 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. This Permit does not preclude any other permits or approvals necessary for beginning or completing this development. Approval of an erosion control plan is conditioned on the applicant's compliance with Federal and State laws, regulations and rules. It is the Permittee's responsibility to obtain all necessary permits and approvals.

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. These include a construction entrance, silt fences, immediate installation of 6 ditch plugs and ditch filling prior to any rain event, 5 sodded swales, a sodded weir overflow, inlet and outlet protection. Note: Swales will be immediately sodded no paving or flumes will be installed until the sod has taken root, prior to the sod taking root sheet flow will be directed to silt fences where flumes would be installed. Once sod takes root the flumes and paving will be installed with hardware cloth and gravel protection between the flumes and the energy dissipater. Three of the sodded swales will be sloped 5:1, one will be sloped 3:1 and the sodded weir overflow swale will be sloped 3:1. No sediment is allowed to leave the site or enter jurisdictional wetland areas.

*Tree Removal Permits are required from the City of Wilmington and/or New Hanover County prior to issuance of this permit and clearing the site. Note: A copy of the offsite easement must be submitted to this office prior to any land disturbing activity in that area.

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

*This permit does not preclude any permits or approvals which may be necessary such as City of Wilmington or New Hanover County Stormwater, NCDENR Water Quality, C.A.M.A., and the US Army Corps. of Engineers, DEM Solid Waste or any other agencies.

*No sediment shall leave the site.
*If plan revisions are necessary you must submit a copy to this office for approval **prior** to any field changes.
*If soil is brought onto this site or removed from this site, it must come from or be taken to an approved or permitted site to be identified to this office **prior** to being brought onsite or removal from the site.
*All City and/or County and State drainage and stormwater requirements will be adhered to.
*If these measures fail to adequately control erosion, more restrictive measures will be required.
*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.
The approval of an erosion control plan is conditioned on the applicant's compliance with Federal and State Water Quality laws, regulations and rules.
***Note the required rates for seed, lime, fertilizer and mulch in your seeding specifications.**
***Note the NPDES information from the State for sites disturbing 1 acre or more and the reporting requirements.** All **NEW** projects permitted after August 3, 2011 must include the following surface water withdrawal locations and stabilization requirement designations on the plan in order to qualify for coverage under the most recent NPDES Construction General Permit. All settling basins must have outlet structures that withdraw water from the surface, with the exception of basins or traps that have a drainage area of less than 1 acre. The NPDES permit requires ground cover within 14 calendar days on disturbed flat areas and ground cover within 7 calendar days on all areas within HQW Zones, perimeter dikes, swales, ditches, perimeter slopes and all slopes steeper than 3:1. Exceptions include slopes that are 10 feet or less in length and not steeper than 2:1 which must be stabilized within 14 calendar days and slopes greater than 50 feet which must be stabilized within 7 calendar days. This permit also includes other new requirements which are listed in the text of the NPDES Stormwater Discharge Permit for Construction Activities. Inspections of all erosion control measures and reports are required every 7 days and within 24 hours of every ½-inch rain event in a 24-hour period.

***Note the Land Resources Self Inspection Program Requirements. This program is separate from the NPDES reporting and requires inspection and documentation after each phase of construction. These phases include: Installation of perimeter erosion control measures, Clearing and Grubbing of existing ground cover, Completion of any phase of grading of slopes or fills, Installation of storm drainage facilities, Completion of construction or development, Establishment of permanent ground cover sufficient to restrain erosion and any Deviation from the approved plan.**

Enclosed is a Combined Self-Monitoring and Self-Inspection Form that meets the requirements of both the NPDES Stormwater Permit for Construction Activities, NCG 010000 reporting and the Land Resources Self Inspection Program that satisfies the requirements of the Sedimentation Pollution Control Act.
This report is the responsibility of the property owner. It requires a rain gauge onsite and inspections and reporting every 7 calendar days and within 24 hours of every ½ inch rain per 24-hour period and at specific phases of construction. Additional copies of this Combined Construction Inspection Report can be found at http://portal.ncdenr.org/web/lr/erosion . Reports must be available onsite at all times. If you have questions, please contact New Hanover County Engineering (910) 798-7139 or the Land Quality Section at the NCDENR Regional office at (910) 796-7215.

***A pre-construction meeting is required prior to any activity on site. Please contact Beth E. Wetherill at (910) 798-7139 to set up this meeting.**

Permit# GP 26-17

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.

Beth Easley Wetherill

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

Acknowledgment of receipt of Permit

Owner

By (please print)

Signature