



**Planning, Development, & Transportation Department**

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

May 12, 2021

Jimmy Fentress, PE  
Stroud Engineering  
102-D Cinema Drive  
Wilmington, NC 28403

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

**RE: Cape Fear Solar Systems located at 910 S. Front Street**

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 any construction or 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. Please contact our zoning office at 254-0900 to schedule the preconstruction meeting.***

All construction on the site must be in accordance with the City of Wilmington standards and the approved construction plans stamped by the City. All trees and areas designated to be saved or protected must be properly barricaded and/or marked throughout construction. In addition please be aware that to obtain a final zoning inspection for this construction project, the appropriate departments within the City of Wilmington must perform and approve final inspections.

To arrange for inspections please contact the assigned Zoning Enforcement Officer, at 254-0900. Staff will coordinate the inspections and provide a punch-list to the Developer within 5 working days. Upon correction of the punch-list items, a final inspection will be performed. ***NOTE: Zoning will not issue final approval until all requirements of the City of Wilmington are fulfilled.***

Please also be advised that any party aggrieved by the issuance of this approval may file a notice of appeal to the City Clerk within 30 days of receipt of active or constructive notice of this decision. It shall be presumed that all persons with standing to appeal have constructive notice of the decision from the date a sign containing the words "Zoning Decision" or "Subdivision Decision" in letters at least six inches high and identifying the means to contact an official for information about the decision is prominently posted on the property that is the subject of the decision, provided the sign remains on the property for at least 10 days. Posting of signs is not the only form of constructive notice. Any such posting shall be the responsibility of the landowner or applicant. Verification of the posting shall be provided to the official who made the decision. Absent an ordinance provision to the contrary, posting of signs shall not be required.

The City thanks you for your investment in our community and we look forward to working with you towards the construction of a quality development project.

Sincerely,

*Brian Chambers*

Brian Chambers, AICP  
Senior Planner



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## TRANSMITTAL LETTER

TO: Cynthia Roush, Zoning Compliance Officer  
 DATE: May 12, 2021  
 SUBJECT: Cape Fear Solar Systems **Project # 2019094**  
 LOCATION: 910 S. Front Street

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

QUAN.	DWG./NO.	DESCRIPTION
1	Dated 5/12/21	Cape Fear Solar Systems Approved Plans
1	Dated 10/5/20	City Tree Removal Permit TPP-21-057
1	Dated 10/12/21	NHC Erosion Control #GP 31-19
1	Dated 5/12/21	City Stormwater Discharge Permit No. 2021025 (under separate cover)

REMARKS: **Cape Fear Solar Systems** located at 910 S. Front Street, is hereby conditionally released for construction. The following conditions must be satisfied as part of this release:

- A. THIS RELEASE APPLIES TO PHASE 1 ONLY. FUTURE PHASES MUST SUBMIT REVISED PLANS FOR TRC REVIEW AND APPROVAL.**
- B. ALL PHASES MUST BE COMPLETED WITHIN FIVE YEARS OF INITIAL CONSTRUCTION PLAN APPROVAL (SU-6-119)**
- C. THE APPLICANT IS REQUIRED TO SUBMIT PHASE III SIDEWALK CONSTRUCTION PLANS, SEALED BY AN ENGINEER, FOR REVIEW/APPROVAL PRIOR TO PHASE III CONSTRUCTION. ADDITIONAL TREE REMOVAL AND/OR PAYMENT IN LIEU MAY BE DISCUSSED, AT THAT TIME, FOR THE CONSTRUCTION OF REQUIRED PUBLIC SIDEWALK.**
- D. PHASE II NET ZERO HOUSE WILL REQUIRE A PRIMARY STORMWATER CONTROL MEASURE (SCM). CONSTRUCTION PLANS, CALCULATIONS, AND STORMWATER PERMIT MODIFICATION WILL BE REQUIRED PRIOR TO COMMENCEMENT OF PHASE II OR III CONSTRUCTION.**
- E. A PRE-CONSTRUCTION MEETING MUST BE HELD BETWEEN THE SITE CONTRACTOR AND CITY STAFF PRIOR TO ANY SITE WORK, TREE REMOVAL, CLEARING, OR GRADING BEGINNING ON THE SITE. FAILURE TO COMPLY WILL RESULT IN IMMEDIATE CIVIL PENALTIES. CONTACT 910-254-0900.**
- F. ANY TREES, INCLUDING THE CRITICAL ROOT ZONE AREA, 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.**

- G. NO EQUIPMENT IS ALLOWED ON THE SITE AND NO CONSTRUCTION OF ANY BUILDING, STRUCTURE, WALL, UTILITIES, INFRASTRUCTURE, ETC., OF ANY KIND, INCLUDING FOOTINGS AND BUILDING SLABS, WILL BE PERMITTED UNTIL:**
- 1. ALL TREE PROTECTION FENCING AND SILT FENCING HAS BEEN INSTALLED**
  - 2. BETH WETHERILL HAS FORMALLY ISSUED THE GRADING PERMIT AND AUTHORIZED THE ACTIVITY**
  - 3. THE CFPUA HAS AUTHORIZED THE WATER AND SEWER ACTIVITIES. THE CONTRACTOR MUST HAVE A PRECON WITH CFPUA 332-6560.**
  - 4. THE CITY ZONING INSPECTOR AUTHORIZES THE ACTIVITY.**
- H. ALL IMPROVEMENTS, AS RECOMMENDED BY THE SUBMITTED AND APPROVED TRAFFIC IMPACT ANALYSIS (TIA) SHALL BE INSTALLED AND INSPECTED PRIOR TO THE ISSUANCE OF THE FINAL ZONING APPROVAL.**
- I. ALL TRUCKING TO AND FROM THE SITE SHALL ADHERE TO NCDOT AND COW TRUCK ROUTES AND RESTRICTIONS (I.E. S. 3RD ST, MARKET STREET). SEE CITY GIS GALLERY FOR ROUTES, WEIGHT RESTRICTIONS, ETC.**
- J. THIS DEVELOPMENT SHALL COMPLY WITH ALL LOCAL, CITY TECHNICAL STANDARDS, REGIONAL, STATE AND FEDERAL DEVELOPMENT REGULATIONS. ALL APPLICABLE TRC REQUIREMENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF THE FINAL ZONING APPROVAL.**
- K. PER THE REQUIREMENTS OF THE STORMWATER PERMIT, THE FOLLOWING SHALL OCCUR PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY OR OPERATION OF THE PERMITTED FACILITY:**
- AS-BUILT DRAWINGS FOR ALL STORMWATER MANAGEMENT FACILITIES SHALL BE SUBMITTED TO THE CITY OF WILMINGTON ENGINEERING DIVISION.**
  - AN ENGINEER'S CERTIFICATION SHALL ALSO 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 IS REQUIRED BY CITY OF WILMINGTON ENGINEERING PERSONNEL (910) 341-5856.**
- L. PRIOR TO A FINAL INSPECTION, A WALKTHROUGH WITH CITY INSPECTIONS SHALL TAKE PLACE TO VERIFY COMPLETENESS OF SITE WORK IN ROW. ANY MATERIAL TEST REPORTS AND STORMWATER VIDEOS AS REQUIRED SHALL BE SUBMITTED PRIOR TO AND APPROVED BY CITY ENGINEERING. PLEASE CONTACT THE CITY ENGINEERING DIVISION AT 910.341.0094.**
- M. NO CONSTRUCTION ACTIVITY SHALL OCCUR WITHIN THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION (NCDOT) RIGHT-OF-WAY UNTIL ALL NCDOT PERMITS HAVE BEEN ISSUED AND RECEIVED BY THE CITY. ALL IMPROVEMENTS REQUIRED SHALL BE INSTALLED AND APPROVED BY NCDOT PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY.**

- N. CONTRACTOR SHALL SUBMIT A RADIO SIGNAL STRENGTH STUDY FOR ALL COMMERCIAL BUILDINGS THAT DEMONSTRATES THAT EXISTING EMERGENCY RESPONDER RADIO SIGNAL LEVELS MEET THE REQUIREMENTS OF SECTION 510 OF THE 2018 NC FIRE CODE.**
- O. THE DEVELOPER ASSUMES ALL RISKS AND PENALTIES WITH ANY DELAY OR STOP WORK ORDER ASSOCIATED WITH THE VIOLATION OF THIS RELEASE. 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 CONSTRUCTION RELEASE.**
- P. APPROVAL OF A MAJOR OR MINOR SITE PLAN SHALL EXPIRE AFTER EIGHTEEN (18) MONTHS FROM THE DATE OF SUCH APPROVAL IF THE APPLICANT HAS FAILED TO MAKE SUBSTANTIAL PROGRESS ON THE SITE. THE TECHNICAL REVIEW COMMITTEE MAY GRANT A SINGLE, SIX-MONTH EXTENSION OF THIS TIME LIMIT FOR MAJOR AND MINOR SITE PLANS, FOR GOOD CAUSE SHOWN, UPON RECEIVING A REQUEST FROM THE APPLICANT BEFORE THE EXPIRATION OF THE APPROVED PLAN. IN THE EVENT APPROVAL OF A SITE PLAN HAS EXPIRED, FOR WHATEVER REASONS, THE OWNER AND/OR APPLICANT WILL BE REQUIRED TO RESUBMIT FOR APPROVAL OF A SITE PLAN THAT MEETS CURRENT DEVELOPMENT STANDARDS UNLESS OTHERWISE NOTED IN THIS CHAPTER.**
- Q. IF THE CONDITIONS LISTED ABOVE ARE VIOLATED, A STOP WORK ORDER WILL BE ISSUED.**

Please notify New Hanover County Building Inspections of this release.

*Brian Chambers*

Signature: \_\_\_\_\_

Brian Chambers, AICP  
Senior Planner

Copy: Jimmy Fentress, PE	Applicant (e-mail only)
Bret Russell	Construction Manager
Rob Gordon	engineering (email only)
Jim Quinn	Stormwater Specialist (email only)
Aaron Reese	Urban Forestry (email only)
Rich Christensen	Engineering (email only)
Eric Seidel	Engineering (email only)
Trent Butler	Engineering (email only)
Chris Elrod	Wilmington Fire Department (e-mail only)
Chris Walker	Wilmington Fire Department (e-mail only)
Brian Blackmon	Surveyor (e-mail only)
Jim Sahlie	GIS Addressing (e-mail only)
Bill McDow	Traffic Engineering (e-mail only)
Mitesh Baxi	Traffic Engineering (e-mail only)
Denys Vielkanowitz	Traffic Engineering (e-mail only)
Bernice Johnson	CFPUA (e-mail letter only)
Beth Easley Wetherill	NHC Erosion Control (e-mail only)

Michelle Hutchinson  
Amy Beatty  
Davina Bell  
Joan Mancuso  
Catherine Meyer  
Debra Hornbuckle  
Shawn Evans  
Courtney Salgado  
Joseph Wurzel  
Nick Drees  
Jon Roan  
Ben Hughes

GIS Engineer (e-mail only)  
Community Services (e-mail only)  
Community Services (e-mail only)  
City Zoning (email only)  
City Zoning (email only)  
City Zoning (email only)  
City Attorney's Office (email only)  
City Attorney's Office (email only)  
NC DOT (email only)  
NC DOT (email only)  
NC DOT (email only)  
NC DOT (email only)

File: **Cape Fear Solar Systems**

**Project File # 2019094**



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

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

APPROVED:  DENIED:

PERMIT #: TRP-21-057

**Application for Tree Removal Permit**

Name of Applicant: STROUD ENGINEERING, PA Phone: 910-815-0775 Date: 9/17/2019

Name of Property Owner: JOHN DONOGHUE, CAPE FEAR SOLAR SYSTEM, LLC Phone: 910-398-0390

Property Owner Address: 901 MARTIN STREET - SUITE -C, WILMINGTON, NC 28401

Address of Proposed Tree Removal: 901 SOUTH FRONT STREET / R5413-002-002-000

Description of tree(s) to be removed/reason for removal: (provide attachment if necessary)

- 1. 2 OAKS FOR ESSENTIAL SITE IMP'S. 6. \_\_\_\_\_
- 2. 1 OAK IS DISEASED 7. \_\_\_\_\_
- 3. 1 MAPLE IS DISEASED 8. \_\_\_\_\_
- 4. \_\_\_\_\_ 9. \_\_\_\_\_
- 5. \_\_\_\_\_ 10. \_\_\_\_\_

Description of Replacement Tree(s): 35 3IN. BALD CYPRESS TO MITIGATE THE 2 OAKS REMOVED FOR ESSENTIAL SITE IMPROVEMENTS

I, JAMES H. FENTRESS, JR., PE, certify that the property owner has given me permission to apply for this permit on his/her behalf.

Applicant Signature: [Signature] Date: 10/5/20

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

Reviewed By: [Signature] Date: 10/5/20

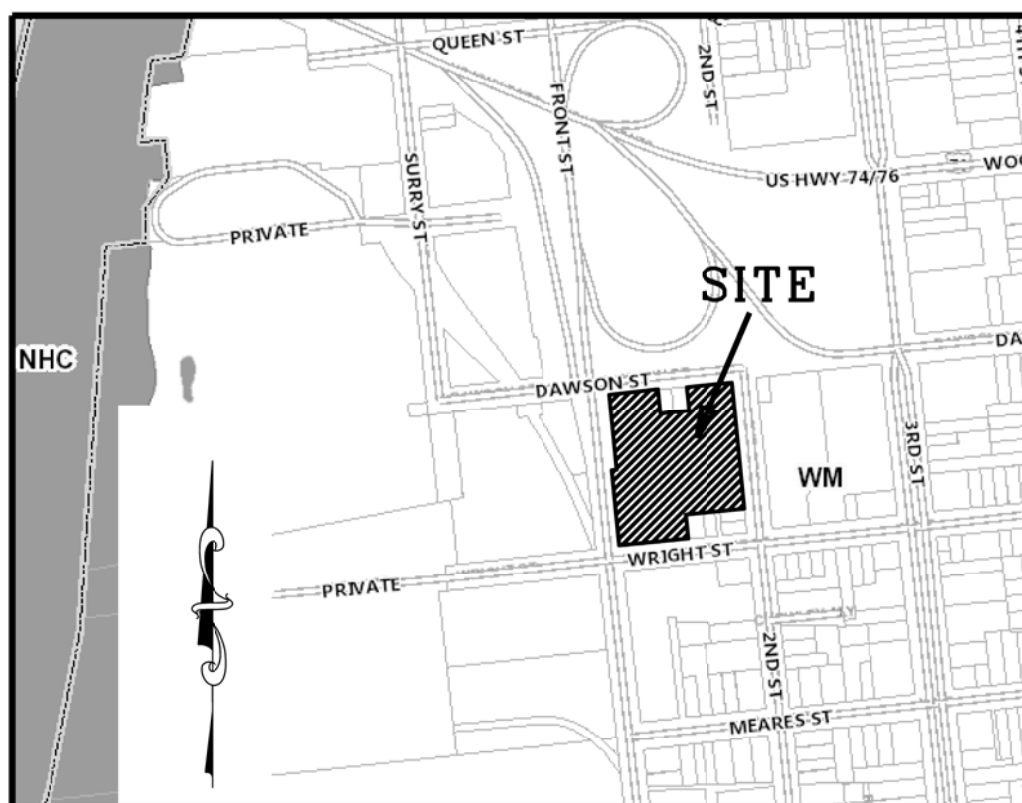
Remarks: See attached tree removal plan for additional details.

ALL WORK MUST BE IN COMPLIANCE WITH THE CITY LAND DEVELOPMENT CODE, ARTICLE 8, LANDSCAPING AND TREE PRESERVATION.

NEW CONSTRUCTION:  EXPANSION:  OTHER:  PAID: \$50.00

**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



**VICINITY MAP**

TRACT AREA -- 2.6 AC  
 ADDRESS -- 901 S. FRONT STREET  
 ZONING -- UMX-URBAN MIX USE  
 BUILDINGS PROPOSED -- 6  
 TAX PIN -- R05413-002-000  
 DEED BOOK/PAGE -- 5845/629  
 CAMA LUC -- URBAN  
 BUILDING SETBACKS  
 FRONT -- 10' MAX  
 SIDE -- 5'  
 REAR -- 5'  
 BUILDING HEIGHT -- 75' - SUP REQUIRED  
 PROPOSED IMPERVIOUS -- SEE BELOW  
 RECEIVING STREAM -- CAPE FEAR RIVER  
 CLASSIFICATION -- SC  
 REQUIRED PARKING -- 26  
 PROP. PARKING SPACES -- 38 SPACES PROVIDED  
 2 HANDICAP PROVIDED  
 LATITUDE -- 34°13'24.38"N  
 LONGITUDE -- 77°56'47.9"W

**SITE DATA**

**LEGEND**

- FIRE HYDRANT
- SEWER MAIN HOLE
- POWER POLE
- OVERHEAD ELECTRIC
- LIGHT POLE
- ELEVATION CONTOUR
- STORMWATER
- L1
- PROPOSED FINISH GRADE
- PROPOSED LIMITS OF DISTURBANCE
- PROPOSED SILT FENCE

COLONIAL CAROLINA INC.  
 DB3294, PG.536  
 LU=958, VAC.  
 ZONING=IND

SOUTHERN METALS  
 RECYCLING WILM. NC  
 DB1391, PG. 1335  
 LU=341, FABRICATED  
 ZONING=IND

PROP. RETAINING WALL (TYP)

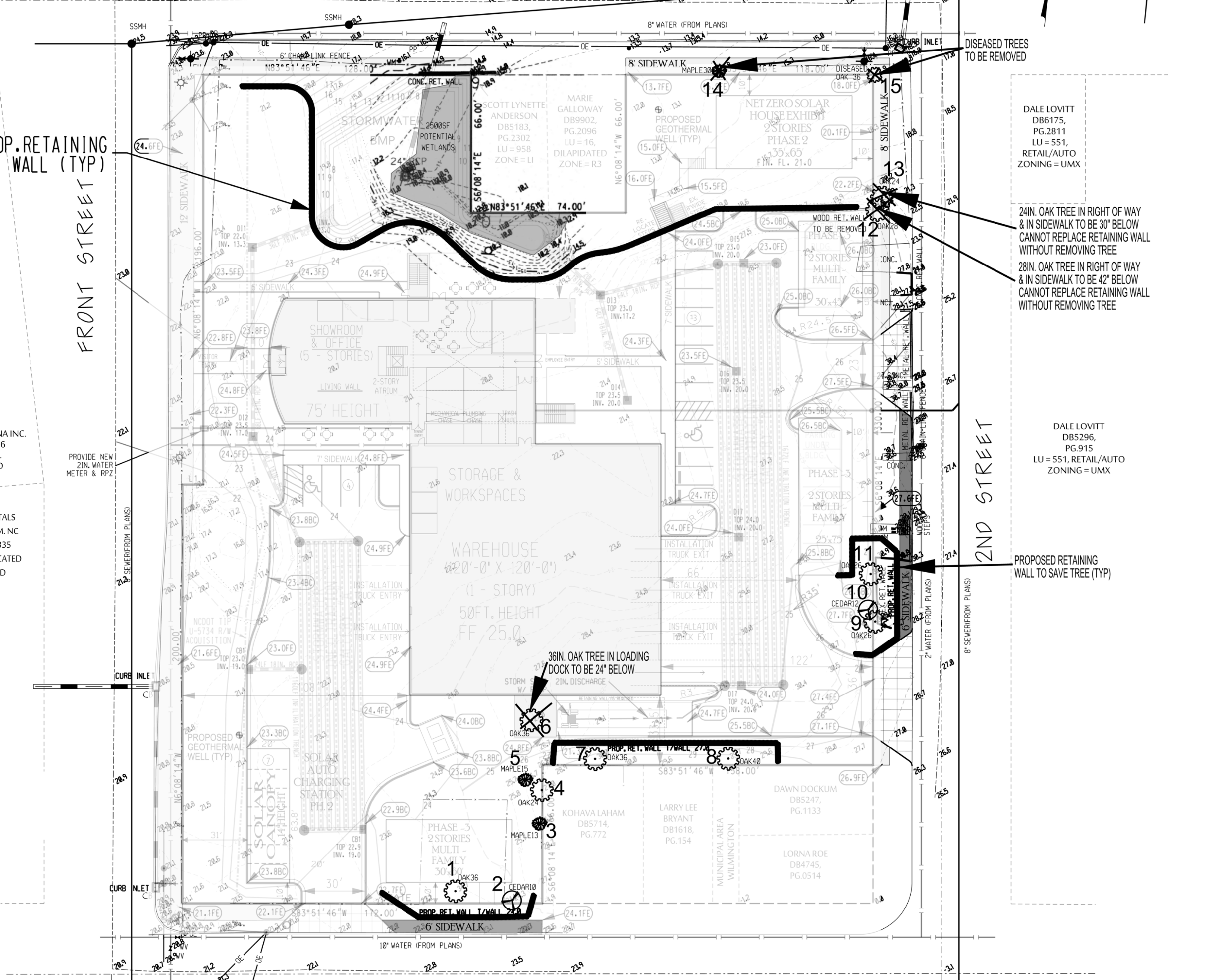
FRONT STREET

2ND STREET

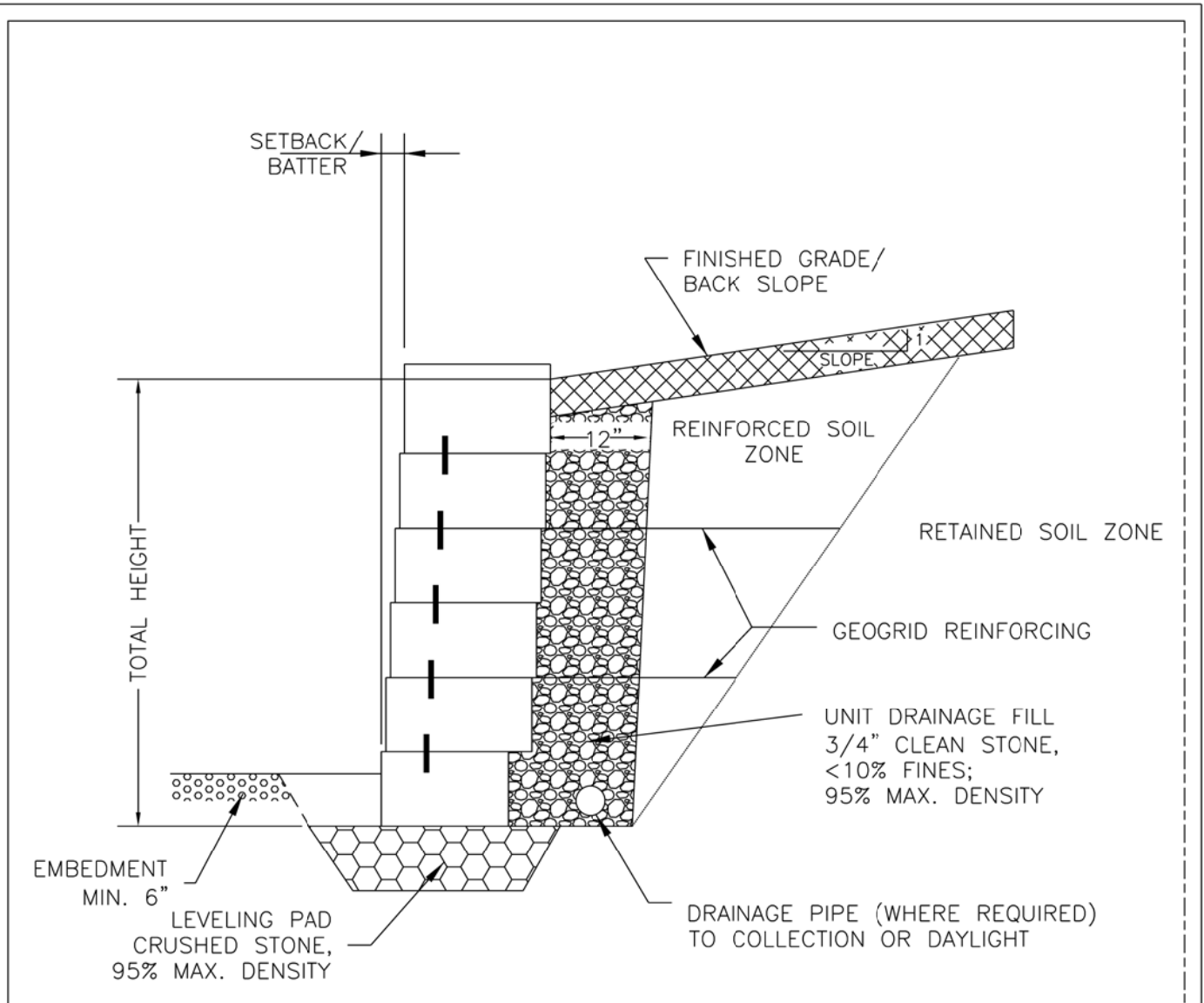
MUNICIPAL AREA - WILMINGTON

DAWSON STREET

WRIGHT STREET



28IN. & 24IN. OAKS REMOVED FOR RETAINING WALL RECONSTRUCTION ADJACENT 2ND STREET ARE CONSIDERED TO BE REMOVED FOR ESSENTIAL SITE IMPROVEMENTS. THEREFORE:  
 $52IN. \times 2(MIT. FACTOR) = 104IN. OF REPLACEMENT$   
 $104IN./3IN. REPLACEMENT TREE DIA. = 35 REPLACEMENT TREES$



1. ALL RETAINING WALL DESIGNS (GRAVITY AND REINFORCED) ARE SUBJECT TO REVIEW AND APPROVAL BY CITY ENGINEER.
2. RETAINING WALLS GREATER THAN 4' SHALL BE DESIGNED BY A PROFESSIONAL ENGINEER.

DATE: OCTOBER, 2012	STANDARD DETAIL	<p>CITY OF WILMINGTON        NORTH CAROLINA        CITY OF WILMINGTON ENGINEERING        PO BOX 1810        WILMINGTON, N.C. 28402        (910) 341-7807</p>
DRAWN BY: JSR	TYPICAL RETAINING WALL ≤ 4'	
CHECKED BY: B.D.R. P.E.		
SCALE: NOT TO SCALE		

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

Approved Construction Plan	
Name	Date
Planning	
Traffic	
Fire	

Public Services • Engineering Division  
 APPROVED STORMWATER MANAGEMENT PLAN  
 Date: \_\_\_\_\_ Permit # \_\_\_\_\_  
 Signed: \_\_\_\_\_

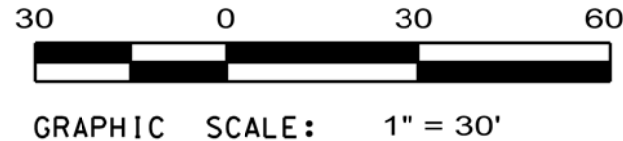
CTI OF NC INC.  
 DB3204, PG.0292  
 LU= PETROLEUM/REFINING  
 ZONING=IND

DTSC LLC  
 DB5918, PG.077  
 LU= 553, TIRES/BATTERIES  
 ZONING= UMX

DTSC LLC  
 DB5918, PG.0077  
 LU= 958, VAC.  
 ZONING= LI

SNP PROPERTIES LLC  
 DB582, PG.2410  
 LU= 10, RESIDENTIAL  
 ZONING= LI  
 USED AS WAREHOUSE

DALE LOVITT  
 DB5296,  
 PG.915  
 LU= 551, RETAIL/AUTO  
 ZONING= UMX



2.60 ACRES  
 DEED BOOK 5845  
 PAGE 629

JAMES H. PENTRESS, JR., P.E.  
 DATE: 10/5/2012

TREE PRESERVATION PLAN PLAN

# CAPE FEAR SOLAR SYSTEMS

WILMINGTON TOWNSHIP NEW HANOVER COUNTY NORTH CAROLINA

OWNER: CAPE FEAR SOLAR SYSTEMS	DESIGNED: JHF
ADDRESS: JOHN DONOGHUE, 801 MARTIN ST. SUITE C-6, WILMINGTON, NC 28401, 910-409-5353, john@CapeFearSolarSystems.com	DRAWN: JHF
PHONE: (910) 815-0775 (910) 815-0593 FAX	APPROVED: JHF
STRoud ENGINEERING, P.A. 102-D CINEMA DRIVE WILMINGTON, NORTH CAROLINA 28403 (910) 815-0775 (910) 815-0593 FAX	DATE: 9/8/20
	SCALE: 1" = 30'
	SHEET 1 OF 5



# 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*

October 12, 2020

LE DOME Holdings, LLC  
901 Martin Street, Suite C,  
Wilmington, North Carolina 28401

RE: Grading Permit #31-19, Rev. to GP 53-00, Cape Fear Solar

Dear Mr. John Donoghue,

This office has reviewed the revised erosion and sedimentation control plan. We find the plan to be acceptable. **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](http://deq.nc.gov/NCG01). Please direct questions about the NOI form to Annette Lucas at [Annette.lucas@ncdenr.gov](mailto:Annette.lucas@ncdenr.gov) or Paul Clark at [Paul.clark@ncddenr.gov](mailto: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. Once the project is stabilized and completed a Notice of Termination (NOT) should be filed to final out the project.

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: James Fentress PE, Stroud Engineering PA  
Nicole Smith AICP, CZO. CFM Associate Planner City of Wilmington



Permit# **GP 31-19**  
Rev. to GP 55-00  
LNDP 19-00127

## 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 **LE DOME HOLDINGS, LLC** authorizes the development of **3.0 acres** of land at **901 S. Front Street for Cape Fear Solar** in New Hanover County. This permit issued on **November 11, 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 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, 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. 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.

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### **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. Revision #1 for 1.01 acres approved 11/11/19 includes a construction entrance, silt fence with wire backing, concrete washouts and all NCG01 regulations. Note: This permit is for Excavation ONLY. The original site plan for the project has not been approved at this time.

\*\*The original site plan for 3.0 acres was approved 10/12/20. It includes 2 construction entrances, silt fences with wire backing adjacent to the pond and wetlands, silt fences, inlet and outlet protection, immediate construction and stabilization of the sediment basin, its slopes and the outlet structure with a 1.25 skimmer **at the 10' elevation** and 3 coir baffles, concrete washouts and all NCG01 regulations. **NOTE: The top of the outlet box is at 10.3' elevation.**

\*Tree Removal Permits and/or Approvals are required from the City of Wilmington and/or New Hanover County **prior** to issuance of this permit and clearing the site.

\*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.

\*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. These are mentioned below with specific requirements for each program. These reports are the responsibility of the property owner. They require a rain gauge onsite, 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.

\*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 also 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. It requires inspections of all erosion control measures and reporting every 7 days and within 24 hours of every ½ inch rain event in a 24-hour period. This permit also includes other new requirements which are listed in the text of the NPDES Stormwater Discharge Permit for Construction Activities, which is attached to the original copy of each land disturbing permit.

\*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.

**\*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.**

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**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*

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