

**GENERAL CONSTRUCTION NOTES**

- EXISTING UNDERGROUND STRUCTURES AND UTILITIES SHOWN ARE BASED ON FIELD SURVEYS AND BEST AVAILABLE RECORD DRAWINGS. THE CONTRACTOR SHALL FIELD VERIFY CONDITIONS, INCLUDING THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES, PRIOR TO STARTING CONSTRUCTION AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- THE CONTRACTOR SHALL CONTACT NORTH CAROLINA ONE CALL AT 1-800-452-4549. THE CONTRACTOR SHALL CALL AT LEAST 48 HOURS PRIOR TO ANY DIGGING.
- THE SUBJECT PROPERTY IS LOCATED IN ZONE X, A MINIMAL FLOOD RISK AREA PER FEMA FIRM PANEL 0776, MAP NUMBER 370977600K, DATED 11/17/17.
- IN-STREAM WORK SHALL BE PROHIBITED FROM MARCH 15 THROUGH JUNE 30 TO MINIMIZE IMPACTS TO SPawning FISH.
- TOPOGRAPHIC INFORMATION PROVIDED BY CE GROUP, INC., RALEIGH, NC. PROFILE DATA FROM FIELD SURVEY, AND BACKGROUND TOPOGRAPHY FROM AERIAL MAPPING.
- DISTURBANCE IS LIMITED TO NO MORE THAN 15 AC OF GRADUAL SLOPED LAND AT ANY ONE TIME (0 - 14.9% SLOPE).
- DISTURBANCE IS LIMITED TO NO MORE THAN 10 AC OF MODERATELY SLOPED LAND AT ANY ONE TIME (15 - 24.9% SLOPE).
- NCDOT ASSUMES NO RESPONSIBILITY FOR OPERATION, MAINTENANCE OR LIABILITY OF THE STRUCTURAL STORMWATER BMP'S OR ANY DRAINAGE OUTSIDE OF THE RIGHTS-OF-WAY.
- ALL GRATED INLETS IN DITCHES ARE TO BE NCDOT STD 840.22 OR 840.20 WIDE SLOT GRATES.
- ALL PROPOSED UTILITIES INSIDE THE PROPOSED SUBDIVISION ROAD RIGHT OF WAY SHALL BE INSTALLED PER THE LATEST NCDOT POLICIES AND PROCEDURES FOR ACCOMMODATING UTILITIES ON HIGHWAY RIGHTS OF WAY AND ANY LATER NCDOT PUBLISHED GUIDELINES. NO UTILITY SHOULD BE INSTALLED IN THE SHOULDER, INSIDE THE PAVEMENT, OR INSIDE THE DITCHLINE. MAINTAIN CLEAR ZONE MINIMUM OFFSETS FOR NON-BREAKWAY UTILITY POLES.
- IF REQUIRED, GUARDRAIL INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 802 OF NCDOT CURRENT ROADWAY STANDARD DRAWINGS. CONTRACTOR TO CONSULT WITH NCDOT PRIOR TO OBTAINING GUARDRAIL TO VERIFY LENGTHS FOR INSTALLATION. IF GUARDRAIL IS REQUIRED, EVERY EFFORT SHALL BE MADE TO AVOID THE NEED FOR GUARDRAIL IN CONSTRUCTION OF SHOULDERS AND GRADES.
- ABC SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 520 OF THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
- PLAN SET UTILIZES THE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM.

**SITE DATA:**

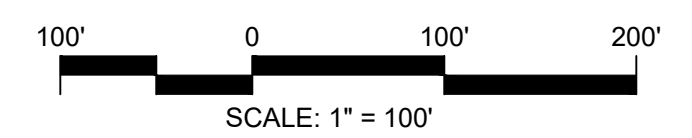
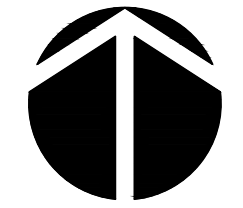
ZONED: R-1  
 AKPAR: 18661  
 PIN: 9776-00-53-7250  
 WATERSHED: WS-IV-NSW (P)  
 TOTAL AREA: 76.13AC

TOTAL LOTS: 31 LOTS  
 LOT DENSITY: 2.46 AC/LOT

FRONT LOT SETBACK: 40'  
 SIDE LOT SETBACK: 25'  
 REAR LOT SETBACK: 25'  
 LENGTH OF ROADS: ± 5,147 LF

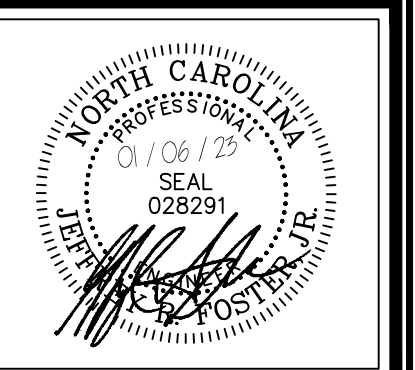
**LEGEND**

- SEPTIC SOILS
- BUFFERS
- SHEET BOUNDARY
- INTERMITTENT STREAM
- PERENNIAL STREAM
- ZONE 1 BUFFER
- ZONE 2 BUFFER



**FINAL DESIGN**

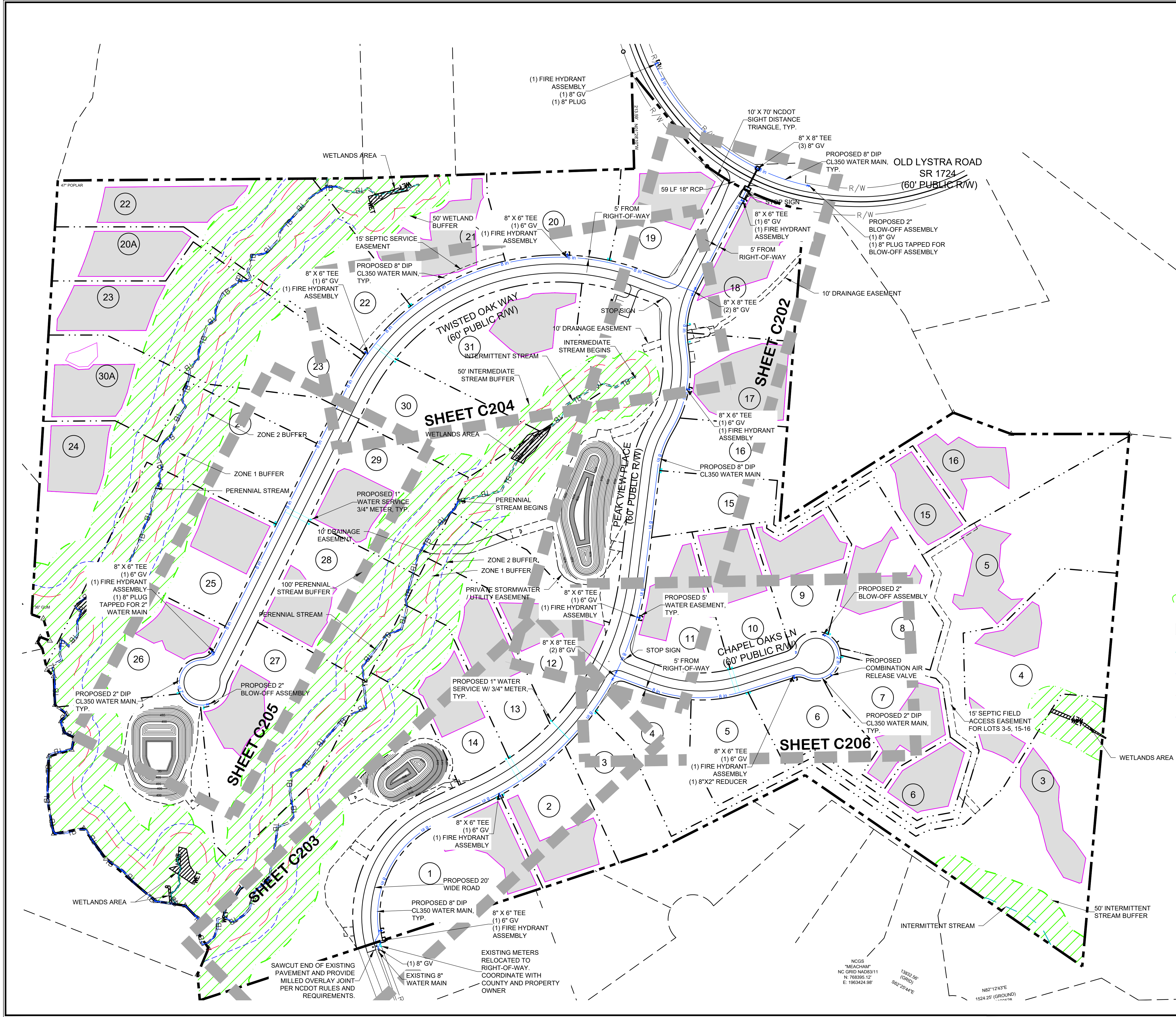
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CONSTRUCTION PLANS FOR  
 CHAPEL OAKS  
 OVERALL SITE AND UTILITY PLAN  
 CHATHAM COUNTY, NORTH CAROLINA

Date: JANUARY 19, 2022  
 Scale: 1" = 100'  
 Drawn: BCS  
 Checked: JRF  
 Project No: 215-018  
 Computer Draw Name: 215-018\_c201\_overall site and utility p

Sheet No:  
**C201**  
 Of 33



NGCS  
 "MEACHAM"  
 NC GRID NAD83/11  
 N: 788395.12'  
 E: 1963424.98'

13802.56'  
 (GRD)  
 S82°28'44"E

N82°12'43"E  
 1524.25' (GROUND)

SAWCUT END OF EXISTING PAVEMENT AND PROVIDE MILLED OVERLAY JOINT PER NCDOT RULES AND REQUIREMENTS.

EXISTING METERS RELOCATED TO RIGHT-OF-WAY. COORDINATE WITH COUNTY AND PROPERTY OWNER