

- 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 1-800-552-4949. 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 9776, MAP NUMBER 3710977000K, 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).
 - NC DOT 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 NC DOT 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 NC DOT POLICIES AND PROCEDURES FOR ACCOMMODATING UTILITIES ON HIGHWAY RIGHTS OF WAY AND ANY LATER NC DOT PUBLISHED GUIDELINES. NO UTILITY SHOULD BE INSTALLED IN THE SHOULDER, INSIDE THE PAVEMENT, OR INSIDE THE DITCHLINE. MAINTAIN CLEAR ZONE MINIMUM OFFSETS FOR NON-BREAKAWAY UTILITY POLES.
 - IF REQUIRED, GUARDRAIL INSTALLATION SHALL BE IN ACCORDANCE WITH SECTION 862 OF NC DOT CURRENT ROADWAY STANDARD DRAWINGS. CONTRACTOR TO CONSULT WITH NC DOT 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 GRADERS.
 - ABC SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 520 OF THE LATEST NC DOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PLAN SET UTILIZES THE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM.

NO.	REVISIONS	DATE

CE GROUP
 301 GLENWOOD AVE. 220
 RALEIGH, NC 27603
 PHONE: 919-367-8790
 FAX: 919-322-0032
 www.cegroupinc.com
 License # C-1739



CONSTRUCTION PLANS FOR
 CHAPEL OAKS
 GRADING & DRAINAGE PLAN
 CHATHAM COUNTY, NORTH CAROLINA

Date: JANUARY 19, 2022
 Scale: 1" = 60'
 Drawn: BCS
 Checked: JRF
 Project No: 215-018
 Computer Dwg. Name: 215-018_c401-c402_grading & drainage plan

Sheet No:
C401
 Of 33

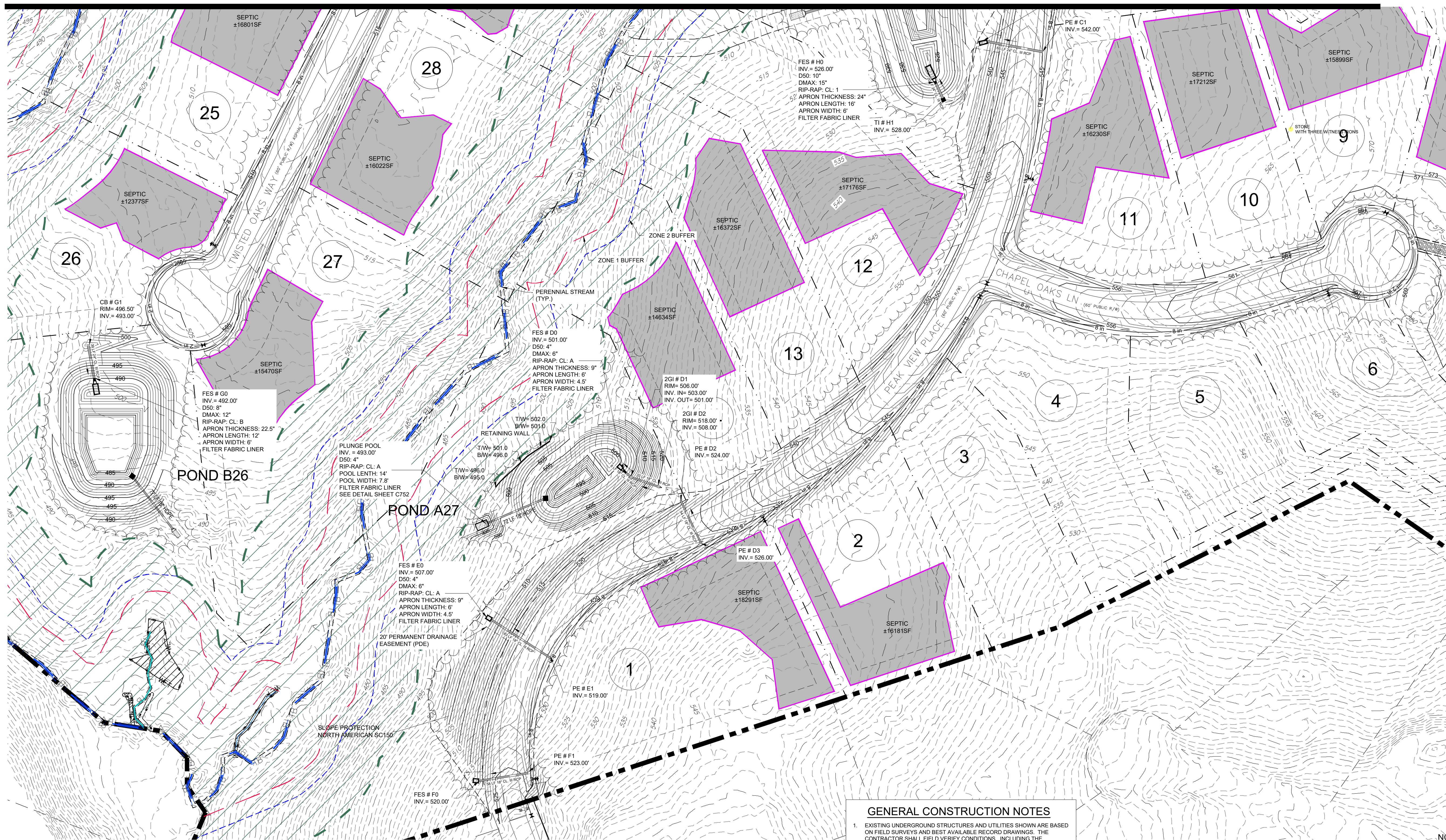
SEE SHEET C402

NORTH

SCALE: 1" = 60'

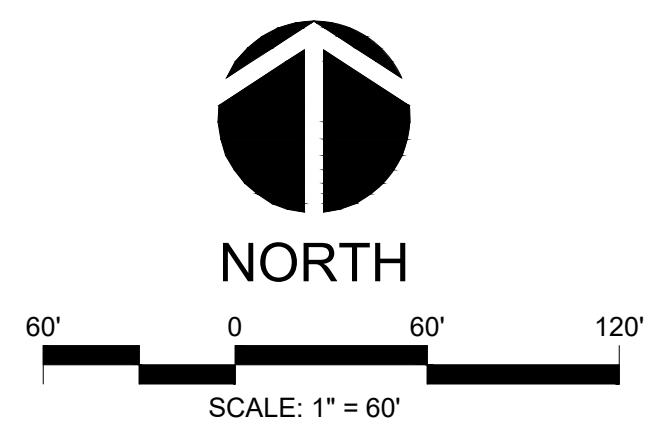
FINAL DESIGN

SEE SHEET C401



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 1-800-632-4849. 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 9776, MAP NUMBER 3710977600K, 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 882 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.



FINAL DESIGN

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