

THIS IS A CONCEPTUAL LANDSCAPE PLAN. THE APPLICANT MUST SUBMIT A DETAILED LANDSCAPE PLAN (WHICH DEPICTS THE PLANT TYPES AND LOCATIONS) WITHIN 90 DAYS FROM THE ISSUANCE OF THE BUILDING PERMIT FOR REVIEW BY THE PLANNING DEPARTMENT. THE LANDSCAPE PLAN MUST BE APPROVED BY THE PLANNING DEPARTMENT PRIOR TO RECEIVING AN INSPECTION FOR THE CERTIFICATE OF OCCUPANCY.

LANDSCAPING NOTES:
 ANY MISSING, DEAD OR DAMAGED PLANT MATERIAL IN THE EXISTING PERIMETER PLANTING YARDS AND PARKING LOTS WILL BE REPLACED AS PART OF THIS PROJECT. CONTACT THE URBAN FORESTER AT 336-373-2150 TO ARRANGE FOR A FINAL INSPECTION PRIOR TO RECEIVING A CERTIFICATE OF OCCUPANCY.

AN APPROVED LANDSCAPE PLAN IS ON FILE WITH THE CITY OF GREENSBORO FOR THIS DEVELOPMENT. ANY MISSING, DEAD OR DAMAGED PLANT MATERIAL IN THE EXISTING PERIMETER PLANTING YARDS AND PARKING LOTS WILL BE REPLACED AS PART OF THIS PROJECT. CONTACT THE URBAN FORESTER AT 336-373-2150 TO ARRANGE FOR A FINAL INSPECTION PRIOR TO RECEIVING A CERTIFICATE OF OCCUPANCY.

CREDITS FOR SAVING EXISTING TREES - THE APPLICANT WILL CONTACT THE URBAN FORESTER AT 336-373-2150 AFTER THE COMPLETION OF THE SITE GRADING TO ARRANGE FOR AN ON-SITE MEETING/INSPECTION TO DETERMINE THE CREDIT FOR THE EXISTING VEGETATION TOWARDS THE NUMBER OF PLANTS IN THE PERIMETER BUFFER YARDS.

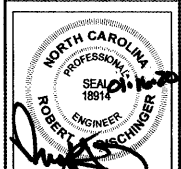
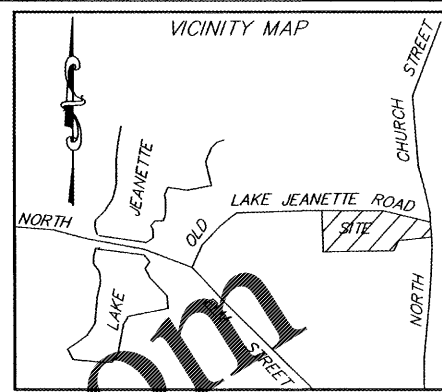
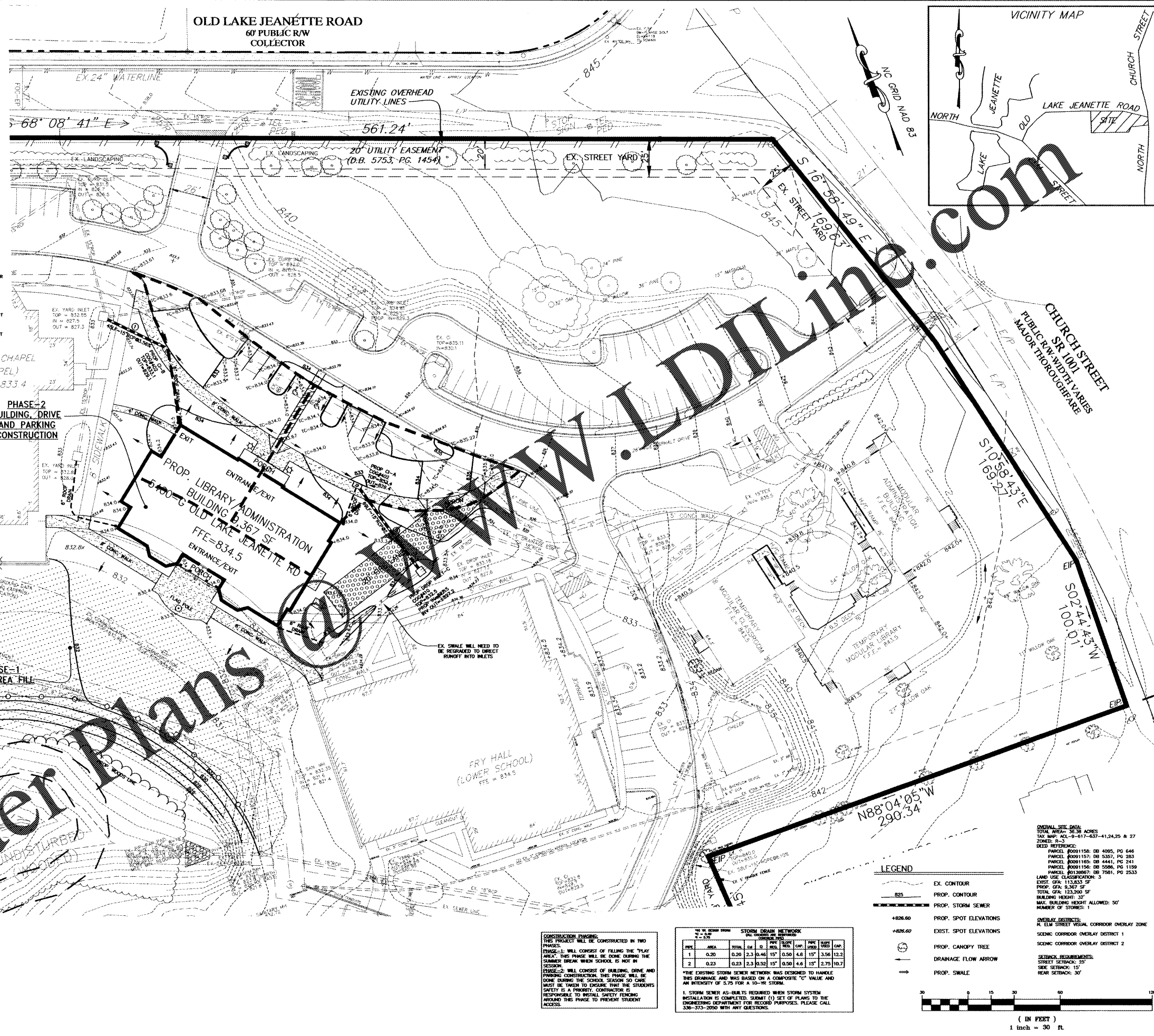
PARKING LOT PLANTING: (1) CANOPY TREE REQUIRED
 CANOPY TREE SIZE: CANOPY TREES MUST HAVE A MINIMUM HEIGHT AT MATURITY OF 40 FEET AND A MINIMUM CROWN WIDTH OF 30 FEET. ORNAMENT-TOLERANT CANOPY TREES MUST HAVE A MINIMUM CALIPER SIZE OF 2 INCHES. OTHER CANOPY TREES MUST HAVE A MINIMUM CALIPER SIZE OF 3 INCHES.

DRUG-TOXIC PLANTING TECHNIQUES: THE FOLLOWING STANDARDS MUST BE MET FOR ALL REQUIRED PLANTING YARDS:
 (1) SOIL PREPARATION FOR THE ENTIRE PLANTING YARD MUST INCLUDE THE ADDITION OF ORGANIC AMENDMENTS TILLED TO A DEPTH OF 8 TO 12 INCHES.
 (2) ALL PLANTINGS MUST BE MULCHED (INCLUDING INTERIOR PARKING LOT ISLANDS LESS THAN 500 SQUARE FEET) TO A DEPTH OF 3 TO 4 INCHES. THE MULCH MUST BE PERMANENTLY MAINTAINED FREE OF TRASH AND WEEDS.
 (3) EARTHEN BASINS MUST BE CONSTRUCTED AROUND THE INSTALLED PLANTS.
 (4) PLANTS, AS PERMITTED BY THIS ORDINANCE, ARE GROUPED TOGETHER WHERE POSSIBLE.
 (5) FOR ESTABLISHMENT AND SURVIVAL, PLANTS SHALL BE WATERED IN THE FIRST YEAR OF PLANTING.
 (6) IRRIGATION: IT IS SUGGESTED THAT DRIP IRRIGATION, WHICH INCLUDES DRIP MASTERS, BE USED FOR REQUIRED LANDSCAPING PLANTING BEDS DURING THE REQUIRED ESTABLISHMENT PERIOD. AFTER ESTABLISHMENT, SUPPLEMENTAL WATERING CAN BE REDUCED AND USED ON AN AS NEEDED BASIS. TRADITIONAL SPRAY IRRIGATION IS PROHIBITED EXCEPT FOR TURF AREAS.

ROOT PRUNING NOTES:
 ALL ROOT PRUNING SHALL BE DONE PRIOR TO DISTURBING THE SITE WHERE THE PRUNING IS TO BE DONE.
 ROOT PRUNING SHALL BE CONDUCTED ALONG THE LINE BETWEEN THE DISTURBANCE AND THE TREE AS INDICATED ON THE APPROVED PLAN.
 ROOT PRUNING SHALL BE DONE USING A ROOT PRUNING SAW SPECIFICALLY DESIGNED FOR THIS PURPOSE OR BY A SIMILAR PIECE OF EQUIPMENT DESIGNED FOR NARROW TRENCHING SUCH AS A DITCH-WITCH. ALL CUTS SHALL BE MADE WITH AS NARROW TOOTH AS POSSIBLE. ALL CUTS SHALL BE CLEAN, LEAVING A SMOOTH CUT SURFACE ON THE ROOT END.
 ALL ROOT PRUNING SHALL BE DONE TO THE MINIMUM DEPTH REQUIRED TO COMPLETE THE INSTALLATION OF IMPROVEMENT BUT IN NO CASE MORE THAN 24 INCHES.
 ONCE ROOTS HAVE BEEN PRUNED AND THE GRADING, TRENCHING OR FILLING COMPLETED, THE ROOT ENDS SHALL NOT BE EXPOSED TO THE ATMOSPHERE FOR MORE THAN EIGHT HOURS. IF THE DISTURBED AREA CANNOT BE COVERED WITHIN EIGHT HOURS OF EXCAVATION THEN THE ROOT ENDS SHALL BE KEPT MOIST BY MISTING WITH WATER OR BY APPLYING A WATER SOAKED FABRIC SUCH AS BURLAP AGAINST THEM UNTIL SUCH TIME AS THE DISTURBED AREA CAN BE COVERED.
 ALL ROOT PRUNING SHALL BE DONE BY OR UNDER THE DIRECT, ON-SITE SUPERVISION OF A CERTIFIED ARBORIST. ALL ROOT PRUNING SHALL BE CONDUCTED IN ACCORDANCE WITH A.S.P. 3300 OR OTHER APPROVED TREE CARE INDUSTRY STANDARDS.

TREE CONSERVATION NOTES:
 1. CONTACT THE PLANNING DIRECTOR TO SCHEDULE A PRE-CONSTRUCTION MEETING BEFORE ANY TREE DISTURBANCE, EXCEPT AS NOTED IN SEC. 30-4-26(C)(5), OCCURS ON THIS SITE.
 2. ALL TREE CONSERVATION DEVICES MUST BE INSTALLED BEFORE INSPECTION BY THE PLANNING DIRECTOR AND BEFORE ANY TREE DISTURBANCE ACTIVITIES, EXCEPT AS NOTED IN SECTION 30-4-26(C)(5), OCCUR.
 3. REMOVAL OF OR DAMAGE TO TREES IN THE TREE CONSERVATION AREA WILL BE SUBJECT TO ALL AVAILABLE REMEDIES AND PENALTIES UNDER THE CITY'S DEVELOPMENT ORDINANCE.
 4. NO PARKING, STORAGE, DIRT STOCKPIILING, CONCRETE WASHOUT OR ANY OTHER ACTIVITIES IS PERMITTED IN THE TREE CONSERVATION AREA.

TREE CONSERVATION:
 REQ'D: (1.4 ACRES)(100) = 0.18 ACRES
 PROVIDED: 5.39 ACRES



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 GUILFORD COUNTY, NORTH CAROLINA

Canterbury SCHOOL

DATE: NOVEMBER 13, 2019
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 REVISIONS:
 1-16-20: PER TRC COMMENTS

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SHEET: GRADING AND DRAINAGE PLAN
 C1.4 of 8



CONSTRUCTION PHASING:
 THIS PROJECT WILL BE CONSTRUCTED IN TWO PHASES:
 PHASE-1 WILL CONSIST OF FILLING THE "PLAY AREA". THIS PHASE WILL BE DONE DURING THE SUMMER BREAK WHEN SCHOOL IS NOT IN SESSION.
 PHASE-2 WILL CONSIST OF BUILDING, DRIVE AND PARKING CONSTRUCTION. THIS PHASE WILL BE DONE DURING THE SCHOOL SEASON SO CARE MUST BE TAKEN TO ENSURE THAT THE STUDENTS SAFETY IS A PRIORITY. CONTRACTOR IS RESPONSIBLE TO INSTALL SAFETY FENCING AROUND THIS PHASE TO PREVENT STUDENT ACCESS.

STORM DRAIN NETWORK

LINE NO.	AREA	TOTAL	SM	D	AREA	REQ.	CONP.	PIPE	FLOW	CONP.
1	0.20	0.20	2.3	0.46	15"	0.50	4.8	15"	3.56	12.2
2	0.23	0.23	2.3	0.50	15"	0.50	4.4	15"	2.75	10.7

*THE EXISTING STORM SEWER NETWORK WAS DESIGNED TO HANDLE THIS DRAINAGE AND WAS BASED ON A COMPOSITE 10" VALUE AND AN INTENSITY OF 5.75 FOR A 10-YR STORM.

1. STORM SEWER AS-BUILTS REQUIRED WHEN STORM SYSTEM INSTALLATION IS COMPLETED. SUBMIT (1) SET OF PLANS TO THE ENGINEERING DEPARTMENT FOR RECORD PURPOSES. PLEASE CALL 336-373-2050 WITH ANY QUESTIONS.

- LEGEND**
- EX. CONTOUR
 - PROP. CONTOUR
 - PROP. STORM SEWER
 - PROP. SPOT ELEVATIONS
 - EXIST. SPOT ELEVATIONS
 - PROP. CANOPY TREE
 - DRAINAGE FLOW ARROW
 - PROP. SWALE

