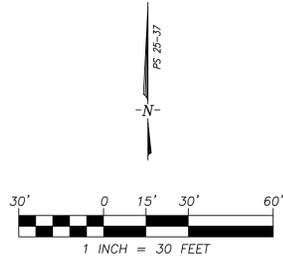


VICINITY MAP



Lighting Plan Notes

1. Site lighting is designed in accordance with Town of Pittsboro Lighting Ordinance, Chapter 28
2. Four (4) light poles are proposed for the parking area and playing ground site. For location refer to Site Lighting Plan
3. All floodlights shall be installed as per section 28.3 C, D, E and F of the Pittsboro Lighting Ordinance (Chapter 28).
4. Other than flood lights/lamps, all outdoor area and parking lot lighting fixtures of more than 2,000 Lumens shall be full cutoff fixtures.
5. The mounting height of all outdoor lights shall not exceed thirty seven (37) feet above finished grade.
6. For lighting of parking facility, the light level in the parking and playground area shall be 0.5 foot candles. Light uniformity shall be 4:1 (Average/Minimum). Light level shall be measured at ground level. Refer to the Table in chapter 28.4.D (b) Parking, Industrial/Commercial (Medium/low activity)
7. Duke Energy will be contacted to provide detailed design complying to Town Lighting Ordinance



LIGHTING PLAN

TEMPORARY SEEDING SCHEDULE

SEEDING DATES	SPECIES	RATE	FERTILIZER
JAN 1-MAY 1	RYE * ANNUAL LESPEDEZA (KOBE) *	120 LB/ACRE 50 LB/ACRE	750 LB/ACRE 10-10-10
MAY 1-AUGUST 15	GERMAN MILLET *	40 LB/ACRE	750 LB/ACRE 10-10-10 750 LB/ACRE 10-10-10
AUGUST 15-DEC 31	RYE (GRAIN) **	120 LB/ACRE	1,000 LB/ACRE 10-10-10

OMIT ANNUAL LESPEDEZA WHEN DURATION OF TEMPORARY COVER IS NOT TO EXTEND BEYOND JUNE.

SOIL AMENDMENTS

FOLLOW RECOMMENDATIONS OF SOIL TESTS OR APPLY 2,000 LB/ACRE GROUND AGRICULTURAL LIMESTONE.

MULCH

APPLY 4,000 LB/ACRE STRAW. ANCHOR STRAW BY TACKING WITH ASPHALT, NETTING OR A MULCH ANCHORING TOOL. A DISK WITH BLADES SET NEARLY STRAIGHT CAN BE USED AS A MULCH ANCHORING TOOL.

MAINTENANCE

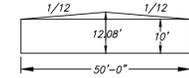
* RE-FERTILIZE IF GROWTH IS NOT FULLY ADEQUATE. RE-SEED, RE-FERTILIZE AND MULCH IMMEDIATELY FOLLOWING EROSION OR OTHER DAMAGE.

** REPAIR AND RE-FERTILIZE DAMAGED AREAS IMMEDIATELY. TOP-DRESS WITH 50 LB/ACRE OF NITROGEN IN MARCH. IF IT IS NECESSARY TO EXTEND TEMPORARY COVER BEYOND JUNE 15, OVER SEED WITH 50 LB/ACRE OF KOBE IN LATE FEBRUARY OR EARLY MARCH.

PERMANENT SEEDING SCHEDULE

SHOULDERS, SIDE DITCHES, SLOPES (MAX. 3:1)		
SEEDING DATES	SPECIES	RATE
AUGUST 15-NOV 1	TALL FESCUE	300 LB/ACRE
NOV 1-MARCH 1	TALL FESCUE AND ABRUZZIE RYE	50 LB/ACRE
MARCH 1-APRIL 15	TALL FESCUE	300 LB/ACRE
APRIL 15-JUNE 30	HULLED COMMON BERMUDAGRASS	25 LB/ACRE
JULY 1-AUGUST 15	TALL FESCUE	120 LB/ACRE
JULY 1-AUGUST 15	BROWN TOP BILLET	35 LB/ACRE

SHOULDERS, SIDE DITCHES, SLOPES (3:1 TO 2:1)		
SEEDING DATES	SPECIES	RATE
MARCH 1-JUNE 1	SERICEA LESPEDEZA AND SCARIFY AND ADD TALL FESCUE	50 LB/ACRE
MARCH 1-APRIL 15	OR ADD WEEPING LOVE GRASS	120 LB/ACRE
MARCH 1-JUNE 30		10 LB/ACRE
JUNE 1-SEPT 1	TALL FESCUE AND BROWN TOP MILLET	120 LB/ACRE
JUNE 1-SEPT 1		35 LB/ACRE
SEPT 1-MARCH 1	SERICEA LESPEDEZA AND TALL FESCUE	70 LB/ACRE
SEPT 1-MARCH 1	ADD ABRUZZIE RYE	120 LB/ACRE
NOV 1-MARCH 1		25 LB/ACRE



**NOT FOR CONSTRUCTION
- FOR REVIEW ONLY -**



Samir W. Bahho 12/21/2013

ENGINEER:

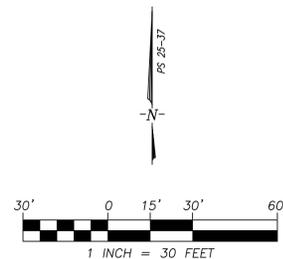
SAMIR W. BAHHO PE
STRUCTURAL and CIVIL ENGINEERING
4612 KAPLAN DRIVE
RALEIGH, NC 27606
TELEPHONE: 1 (919) 851.1642
EMAIL: BA.CASESP LLC@GMAIL.COM

OWNER:

NAME: GM LEMONS, LLC.
ADDRESS: 2714 CASTLE ROCK FARM ROAD
TELE: (919)542-4050
EMAIL: RLEMONS@CHATHAM.K12.NC.US

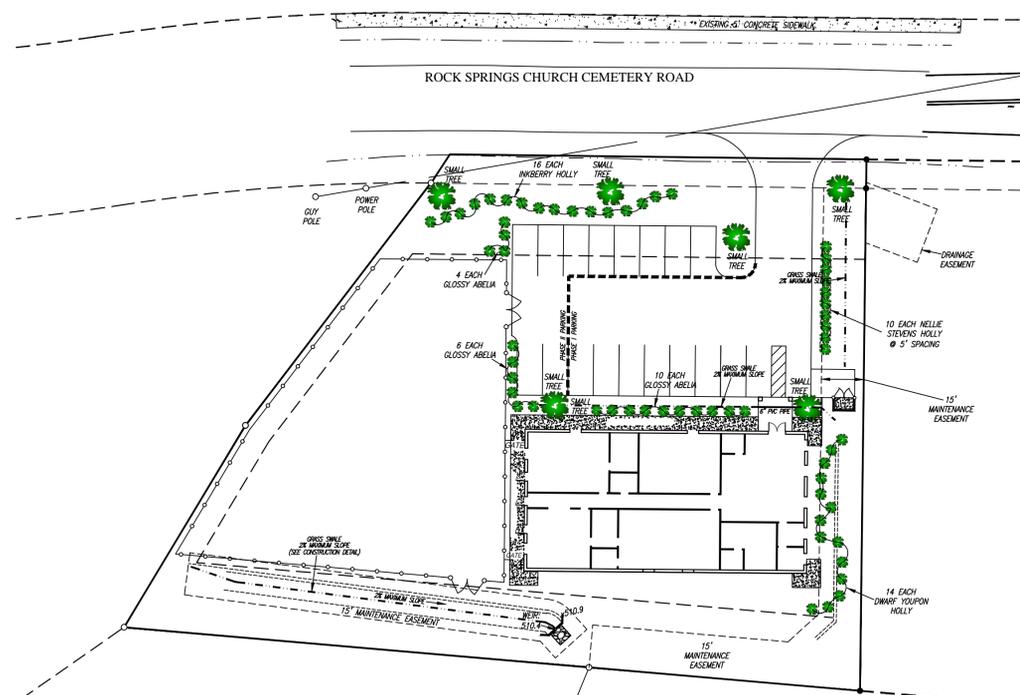
SAMIR W. BAHHO, PE
CIVIL & STRUCTURAL ENGINEERING SERVICES, PLLC.
4612 KAPLAN DRIVE
RALEIGH, NORTH CAROLINA 27606
BUSINESS LICENSE P-6637

PROJECT: THE LEARNING LEMON DROPS CHILD CARE CENTER
29 ROCK SPRINGS CHURCH CEMETERY ROAD, PITTSPORO NC
CENTER TOWNSHIP CHATHAM COUNTY
EXISTING CONDITIONS, SITE PLAN & ELEVATIONS



Landscaping Plan Notes:

1. Landscape is provided for the Day Care project. Landscape plan is design in accordance to Pittsboro Zoning Ordinance, Article XVIII
2. Per Article XVIII of Zoning Code, 3 small trees are required (19 Parking Spaces)
3. Small trees shall be planted so that no point of the tree's main trunk is closer than four (4) feet from the parking lot or driveway surfaces and within ten (10) feet of the parking lot
4. No shrubs shall be located within any vehicle overhang area (2' beyond curb stop at the head of parking space.
5. Each parking space shall be no further than seventy five (75) feet from large or small tree
6. Trees should be so located so as to maximize shading of parking spaces during summer months
7. All parking lot landscaped area shall be covered with ground covers or natural mulching materials, however, areas subject to vehicle overhang may be covered with brick, stone mulch or other non-living materials.
8. Plantings of required landscaping shall be properly installed and maintained. Plant materials shall be planted in accordance with generally recommended and accepted planting and growing practices. The owner of the property and any tenant on the property where landscaping is required shall be jointly and separately responsible for its maintenance. Such maintenance shall include all actions necessary to keep landscaped areas free of litter and debris; to keep plantings healthy; to keep growth from interfering with safe vehicular or pedestrian travel of use of the parking areas, or from creating any nuisance to adjoining properties.
9. Any vegetation that constitutes required landscaping shall be replaced in the event that dies or is damaged. All required landscaping shall be protected from damage by erosion, motor vehicles or pedestrians

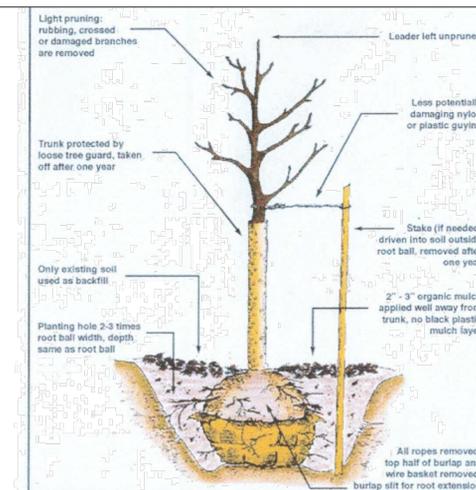


LANDSCAPING PLAN

NOTE: FOR TYPES OF SHRUBS + SMALL TREES, SEE LANDSCAPE TREES + SHRUBS SCHEDULE

Landscape Trees and Shrubs Schedule

No.	Size	Type Name, Scientific	Type Name, Commercial	Mature Height
6 Ea	Small Trees	Koeleruteria Paniculata	Crepe Myrtle-Single Stem	30'-40'
14 Ea	Screening shrubs	Ilex Vomitoria 'Nana'	Dwarf Yaupon Holly	3'-5'
10 Ea	Screening shrubs	Ilex Nellie R. Stevens	Nellie R. Stevens Holly	15-25'
16 Ea	Screening shrubs	Ilex Glabara	Inkberry Holly	6'-8'
20 Ea	Screening shrubs	Abelia Grandiflora	Glossy Abelia	3'-6'



Tree Planting Detail

NO.	DATE	DESCRIPTION	REVISIONS

DATE: 12.21.13 SCALE: 1"=30'
DESIGNED: SWB CHECKED: SWB
DRAWN: REB APPROVED: HL
SHEET: 3 OF 4
CAD FILE: DAYCARE
PROJECT NO: 2013.25

