



**2018 APPENDIX B  
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS  
(EXCEPT 1 AND 2-FAMILY DWELLINGS AND TOWNHOUSES)**

(Reproduce the following data on the building plans sheet 1 or 2)

Name of Project: SANFORD  
 Address: 1344 COLON ROAD, SANFORD, NC Zip Code 27330  
 Owner/Authorized Agent: DAVE HERRING Phone # ( 888 ) 318 - 2803 E-Mail dave@scitowers.com  
 Owned By:  City/County  Private  State  
 Code Enforcement Jurisdiction:  City  County LEE  State

**CONTACT:** Tower Engineering Professionals

DESIGNER	FIRM	NAME	LICENSE #	TELEPHONE #	E-MAIL
Architectural				( )	
Civil	Tower Engineering Professionals	Jeremy K. Wooster	048394	(919) 661-6351	jkwooster@tepgroup.net
Electrical	Tower Engineering Professionals	Mark S. Quakenbush	042109	(919) 661-6351	mquakenbush@tepgroup.net
Fire Alarm				( )	
Plumbing				( )	
Mechanical				( )	
Sprinkler-Standpipe				( )	
Structural				( )	
Retaining Walls >5' High				( )	
Other				( )	

(\*Other\* should include firms and individuals such as truss, precast, pre-engineered, interior designers, etc.)

**2018 NC BUILDING CODE:**  New Building  Addition  Renovation  
 1<sup>st</sup> Time Interior Completion  
 Shell/Core - Contact the local inspection jurisdiction for possible additional procedures and requirements  
 Phased Construction - Shell/Core- Contact the local inspection jurisdiction for possible additional procedures and requirements

**2018 NC EXISTING BUILDING CODE: EXISTING:**  Prescriptive  Repair  Chapter 14  
 Alteration:  Level I  Level II  Level III  
 Historic Property  Change of Use

**CONSTRUCTED:** (date) \_\_\_\_\_ **CURRENT OCCUPANCY(S)** (Ch. 3): \_\_\_\_\_  
**RENOVATED:** (date) \_\_\_\_\_ **PROPOSED OCCUPANCY(S)** (Ch. 3): \_\_\_\_\_

**OCCUPANCY CATEGORY** (Table 1604.5): **Current:**  I  II  III  IV  
**Proposed:**  I  II  III  IV

**BASIC BUILDING DATA**  
**Construction Type:**  I-A  II-A  III-A  IV  V-A  
 (check all that apply)  I-B  II-B  III-B  V-B  
**Sprinklers:**  No  Partial  Yes  NFPA 13  NFPA 13R  NFPA 13D  
**Standpipes:**  No  Yes Class  I  II  III  Wet  Dry  
**Fire District:**  No  Yes **Flood Hazard Area:**  No  Yes  
**Special Inspections Required:**  No  Yes (Contact the local inspection jurisdiction for additional procedures and requirements.)

Gross Building Area Table			
FLOOR	EXISTING (SQ FT)	NEW (SQ FT)	SUB-TOTAL
3 <sup>rd</sup> Floor		N/A	
2 <sup>nd</sup> Floor		N/A	
Mezzanine		N/A	
1 <sup>st</sup> Floor		N/A	
Basement		N/A	
<b>TOTAL</b>		N/A	

**ALLOWABLE AREA**

**Primary Occupancy Classification(s):** Select one Select one Select one Select one Select one Select one

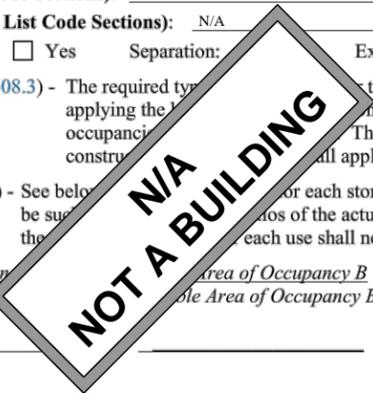
Assembly  A-1  A-2  A-3  A-4  A-5  
 Business   
 Educational   
 Factory  F-1 Moderate  F-2 Low  
 Hazardous  H-1 Detonate  H-2 Deflagrate  H-3 Combust  H-4 Health  H-5 HPM  
 Institutional  I-1 Condition  1  2  
 I-2 Condition  1  2  
 I-3 Condition  1  2  3  4  5  
 I-4  
 Mercantile   
 Residential  R-1  R-2  R-3  R-4  
 Storage  S-1 Moderate  S-2 Low  High-piled  
 Parking Garage  Open  Enclosed  Repair Garage  
 Utility and Miscellaneous

**Accessory Occupancy Classification(s):** N/A  
**Incidental Uses** (Table 509): N/A

**Special Uses** (Chapter 4 – List Code Sections): N/A  
**Special Provisions:** (Chapter 5 – List Code Sections): N/A

**Mixed Occupancy:**  No  Yes Separation: \_\_\_\_\_ Exception: \_\_\_\_\_  
 Non-Separated Use (508.3) - The required type of construction for the building shall be determined by applying the building code for each of the applicable occupancy categories. The most restrictive type of construction shall apply to the entire building.  
 Separated Use (508.4) - See below. For each story, the area of the occupancy shall be subdivided into areas of the actual floor area of each use divided by the area of the occupancy. Each use shall not exceed 1.  

$$\frac{\text{Actual Area of Occupancy A}}{\text{Allowable Area of Occupancy A}} + \frac{\text{Actual Area of Occupancy B}}{\text{Allowable Area of Occupancy B}} \leq 1$$



PLANS PREPARED FOR:



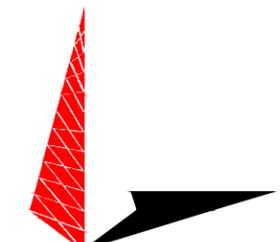
PO BOX 3469, CARY, NC 27519  
(888) 318-2803

PROJECT INFORMATION:

**SCI SITE NAME:  
SANFORD**

1344 COLON RD.  
(E911 ADDRESS TO BE DETERMINED)  
SANFORD, NC 27330  
(LEE COUNTY)

PLANS PREPARED BY:



TOWER ENGINEERING PROFESSIONALS  
326 TRYON ROAD  
RALEIGH, NC 27603-3530  
OFFICE: (919) 661-6351  
www.tepgroup.net

N.C. LICENSE # C-1794

SEAL:



3	11-25-19	ZONING
2	11-07-19	ZONING
1	10-30-19	ZONING
0	10-17-19	ZONING
REV	DATE	ISSUED FOR:

DRAWN BY: LKR CHECKED BY: ANG

SHEET TITLE:

**APPENDIX B**

SHEET NUMBER: **T-2** REVISION: **3**  
 TEP #: 239281

STORY NO.	DESCRIPTION AND USE	(A) BLDG AREA PER STORY (ACTUAL)	(B) TABLE 506.2 <sup>4</sup> AREA	(C) AREA FOR FRONTAGE INCREASE <sup>1,5</sup>	(D) ALLOWABLE AREA PER STORY OR UNLIMITED <sup>2,3</sup>

- <sup>1</sup> Frontage area increases from Section 506.2 are:
- a. Perimeter which fronts a public way
  - b. Total Building Perimeter
  - c. Ratio (F/P) = \_\_\_\_\_ (F/P)
  - d. W = Minimum width of public way
  - e. Percent of frontage increase =  $\frac{F}{P} \times W/30 = \text{_____} (\%)$
- <sup>2</sup> Unlimited area applicable under conditions of Section 507.
- <sup>3</sup> Maximum Building Area = total number of stories in the building x D (maximum 3 stories) (506.2).
- <sup>4</sup> The maximum area of open parking garage must comply with Table 406.5.4. The maximum area of air traffic control towers must comply with Table 412.2.1.
- <sup>5</sup> Frontage increase is based on the unsprinklered area value in Table 506.2.

**ALLOWABLE HEIGHT**

	ALLOWABLE	ON PLANS	CODE REFERENCE
Building Height in Feet (Table 504.3)			
Building Height in Stories (Table 504.4)			

<sup>1</sup> Provide code reference if the "Shown on Plans" quantity is not by \_\_\_\_\_.

**FIRE PROTECTION REQUIREMENTS**

BUILDING ELEMENT	FIRE SEPARATION DISTANCE (FEET)	RATING		DETAIL # AND SHEET	DESIGN # FOR RATED ASSEMBLY	SHEET # FOR RATED PENETRATION	SHEET # FOR RATED JOINTS
		REQ'D	PROVIDED (W/REDUCTION)*				
Structural Frame, including columns, girders, trusses							
Bearing Walls							
Exterior							
North							
East							
West							
South							
Interior							
Nonbearing Walls and Partitions							
Exterior walls							
North							
East							
West							
South							
Interior walls and partitions							
Floor Construction							
Including supporting beams and joists							
Floor Ceiling Assembly							
Columns Supporting Floors							
Roof Construction, including supporting beams and joists							
Roof Ceiling Assembly							
Columns Supporting Roof							
Shaft Enclosures - Exit							
Shaft Enclosures - Other							
Corridor Separation							
Occupancy/Fire Barrier Separation							
Party/Fire Wall Separation							
Smoke Barrier Separation							
Smoke Partition							
Tenant/Dwelling Unit/Sleeping Unit Separation							
Incidental Use Separation							

\* Indicate section number permitting reduction

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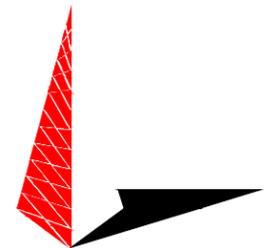
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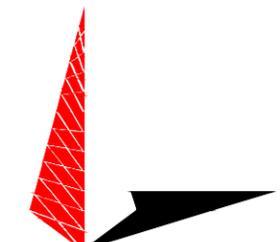
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**PERCENTAGE OF WALL OPENING CALCULATIONS**

FIRE SEPARATION DISTANCE (FEET) FROM PROPERTY LINES	DEGREE OF OPENINGS PROTECTION (TABLE 705.8)	ALLOWABLE AREA (%)	ACTUAL SHOWN ON PLANS (%)

**LIFE SAFETY PLAN REQUIREMENTS**

Emergency Lighting:  Yes  No

Exit Signs:  Yes  No

Fire Alarm:  Yes  No

Smoke Detection Systems:  Yes  Partial  No

Panic Hardware:  Yes  No

**LIFE SAFETY PLAN REQUIREMENTS**

- Life Safety Plan Sheet #: \_\_\_\_\_
- Fire and/or smoke rated wall locations (Chapter 7)
  - Assumed and real property line locations (if not on the site plan)
  - Exterior wall opening area with respect to distance to assumed property lines (705.8)
  - Occupancy Use for each area as it relates to occupant load calculation (Table 1004.1.2)
  - Occupant loads for each area
  - Exit access travel distances (1017)
  - Common path of travel distances (Tables 1006)
  - Dead end lengths (1020.4)
  - Clear exit widths for each exit door
  - Maximum calculated occupant load that can be accommodated based on egress width (1005.3)
  - Actual occupant load for each exit
  - A separate schematic plan indicating floor/ceiling and/or roof structure is provided for purposes of occupancy separation
  - Location of doors with panic hardware (1010)
  - Location of doors with delayed egress and the amount of delay (1010.1.9.7)
  - Location of doors with electromagnetic egress locks (1010.1.9.9)
  - Location of doors equipped with hold-open devices
  - Location of emergency escape windows (1030)
  - The square footage of each fire area (202)
  - The square footage of each smoke compartment for Occupancy Classification I-2 (407.5)
  - Note any code exceptions or table notes that may have been utilized regarding the items above

**ACCESSIBLE DWELLING UNITS (SECTION 1107)**

TOTAL UNITS	ACCESSIBLE UNITS REQUIRED	ACCESSIBLE UNITS PROVIDED	TYPE A UNITS REQUIRED	TYPE A UNITS PROVIDED	TYPE B UNITS PROVIDED	TOTAL ACCESSIBLE UNITS PROVIDED

**ACCESSIBLE SPACES PROVIDED**

LOT OR PARKING AREA	TOTAL # OF PARKING REQUIRED	ACCESSIBLE SPACES PROVIDED		TOTAL # ACCESSIBLE PROVIDED
		132" ACCESS AISLE	8' ACCESS AISLE	
TOTAL				

**PLUMBING FIXTURE REQUIREMENTS (TABLE 2902.1)**

USE	SPACE	WATERCLOSETS			URINALS	LAVATORIES			SHOWERS /TUBS	DRINKING FOUNTAINS	
		MALE	FEMALE	UNISEX		MALE	FEM	UNISEX		REGULAR	ACCESSIBLE
	EXIST'G										
	NEW										
	REQ'D										

**SPECIAL APPROVAL:** (Local Jurisdiction, Department of Health, Fire Department, etc., describe below)

\_\_\_\_\_

\_\_\_\_\_

**ENERGY SUMMARY**

**ENERGY REQUIREMENTS:**

The following data shall be considered minimum and any special attribute required to meet the energy code shall also be provided. Each Designer shall furnish the required portions of the project information for the plan data sheet. If performance method, state the annual energy cost for the standard reference design vs annual energy cost for the proposed design.

Existing building envelope complies with code:  No  Yes (Provide code of \_\_\_\_\_ remainder of this section is not applicable)

Exempt Building:  No  Yes (Provide code of \_\_\_\_\_)

Climate Zone:  3A  4A  \_\_\_\_\_

Method of Compliance: Energy \_\_\_\_\_  Prescriptive  
 ASHRAE \_\_\_\_\_  Prescriptive  
 (Provide source here) \_\_\_\_\_

**THERMAL ENVELOPE (Prescriptive)**

**Roof/ceiling Assembly (each assembly)**

Description of assembly: \_\_\_\_\_  
 U-Value of total assembly: \_\_\_\_\_  
 R-Value of insulation: \_\_\_\_\_  
 Skylights in each assembly: \_\_\_\_\_  
 U-Value of skylight: \_\_\_\_\_  
 total square footage of skylights in each assembly: \_\_\_\_\_

**Exterior Walls (each assembly)**

Description of assembly: \_\_\_\_\_  
 U-Value of total assembly: \_\_\_\_\_  
 R-Value of insulation: \_\_\_\_\_  
 Openings (windows or doors with glazing)  
 U-Value of assembly: \_\_\_\_\_  
 Solar heat gain coefficient: \_\_\_\_\_  
 projection factor: \_\_\_\_\_  
 Door R-Values: \_\_\_\_\_

**Walls below grade (each assembly)**

Description of assembly: \_\_\_\_\_  
 U-Value of total assembly: \_\_\_\_\_  
 R-Value of insulation: \_\_\_\_\_

**Floors over unconditioned space (each assembly)**

Description of assembly: \_\_\_\_\_  
 U-Value of total assembly: \_\_\_\_\_  
 R-Value of insulation: \_\_\_\_\_

**Floors slab on grade**

Description of assembly: \_\_\_\_\_  
 U-Value of total assembly: \_\_\_\_\_  
 R-Value of insulation: \_\_\_\_\_  
 Horizontal/vertical requirement: \_\_\_\_\_  
 slab heated: \_\_\_\_\_

**2018 APPENDIX B  
 BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS**

**STRUCTURAL DESIGN  
 (PROVIDE ON THE STRUCTURAL SHEETS IF APPLICABLE)**

**DESIGN LOADS:**

Importance Factors: Snow (I<sub>s</sub>) \_\_\_\_\_  
 Seismic (I<sub>E</sub>) \_\_\_\_\_

Live Loads: Roof \_\_\_\_\_ psf  
 Mezzanine \_\_\_\_\_ psf  
 Floor \_\_\_\_\_ psf

Ground Snow Load: \_\_\_\_\_ psf

Wind Load: Basic Wind Speed \_\_\_\_\_ (ASCE-7)  
 Exposure Category \_\_\_\_\_

**SEISMIC DESIGN CATEGORY:**

Provide the following Seismic Design Category:  I  II  III  IV  D  
 Risk Category (Table 1604.5):  I  II  III  IV  
 Spectral Response Acceleration Coefficient (S<sub>1</sub>): \_\_\_\_\_ %g

Site Classification (ASCE 7.9.6):  A  B  C  D  E  F  
 Data Source:  Field Test  Presumptive  Historical Data

Basic structural system:  Bearing Wall  Dual w/Special Moment Frame  
 Building Frame  Dual w/Intermediate R/C or Special Steel  
 Moment Frame  Inverted Pendulum

Analysis Procedure:  Simplified  Equivalent Lateral Force  Dynamic

Architectural, Mechanical, Components anchored?  Yes  No

LATERAL DESIGN CONTROL: Earthquake  Wind

**SOIL BEARING CAPACITIES:**

Field Test (provide copy of test report) \_\_\_\_\_ psf  
 Presumptive Bearing capacity \_\_\_\_\_ psf  
 Pile size, type, and capacity \_\_\_\_\_

PLANS PREPARED FOR:



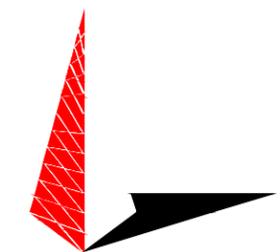
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**ZONING  
 REVIEW**

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SHEET TITLE:

**APPENDIX B**

SHEET NUMBER: <b>T-5</b>	REVISION: <b>3</b> TEP #: 239281
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**2018 APPENDIX B  
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS  
MECHANICAL DESIGN  
(PROVIDE ON THE MECHANICAL SHEETS IF APPLICABLE)**

**MECHANICAL SUMMARY**

**MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT**

**Thermal Zone**

winter dry bulb: \_\_\_\_\_  
summer dry bulb: \_\_\_\_\_

**Interior design conditions**

winter dry bulb: \_\_\_\_\_  
summer dry bulb: \_\_\_\_\_  
relative humidity: \_\_\_\_\_

**Building heating load:** \_\_\_\_\_

**Building cooling load:** \_\_\_\_\_

**Mechanical Spacing Conditioning System**

**Unitary**

description of unit: \_\_\_\_\_  
heating efficiency: \_\_\_\_\_  
cooling efficiency: \_\_\_\_\_  
size category of unit: \_\_\_\_\_

**Boiler**

Size category. If oversized, state reason: \_\_\_\_\_

**Chiller**

Size category. If oversized, state reason: \_\_\_\_\_

**List equipment efficiencies:** \_\_\_\_\_

**2018 APPENDIX B  
BUILDING CODE SUMMARY FOR ALL COMMERCIAL PROJECTS  
ELECTRICAL DESIGN  
(PROVIDE ON THE ELECTRICAL SHEETS IF APPLICABLE)**

**ELECTRICAL SUMMARY**

**ELECTRICAL SYSTEM AND EQUIPMENT**

**Method of Compliance:** Energy Code  Performance  Prescriptive  
ASHRAE 90.1  Performance  Prescriptive

**Lighting schedule** (each fixture type)

lamp type required in fixture: \_\_\_\_\_  
number of lamps in fixture: \_\_\_\_\_  
ballast type used in the fixture: \_\_\_\_\_  
number of ballasts: \_\_\_\_\_  
total wattage per fixture: \_\_\_\_\_  
total interior wattage allowed (whole building or space by space): \_\_\_\_\_  
total exterior wattage allowed: \_\_\_\_\_

**Additional Efficiency Package Options  
(When using the 2018 NCECC; not required for ASHRAE 90.1)**

- C406.2 More Efficient HVAC Equipment Performance
- C406.3 Reduced Lighting Power Density
- C406.4 Enhanced Digital Lighting Controls
- C406.5 On-Site Renewable Energy
- C406.6 Dedicated Outdoor Air System
- C406.7 Reduced Energy Use in Service Water Heating

PLANS PREPARED FOR:



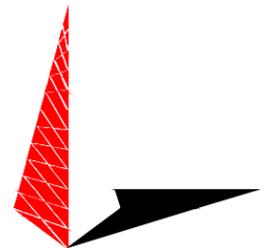
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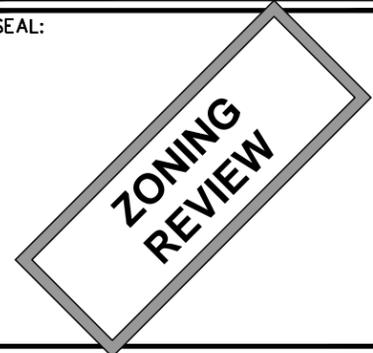
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**APPENDIX B**

SHEET NUMBER: <b>T-6</b>	REVISION: <b>3</b>
	TEP #: 239281

**PROJECT NOTES:**

1. ALL REFERENCES MADE TO OWNER IN THESE DOCUMENTS SHALL BE CONSIDERED SCI OR ITS DESIGNATED REPRESENTATIVE.
2. ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE IN PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE OF THIS ASSIGNMENT, THE CONTRACTOR IS ATTESTING TO HAVE SUFFICIENT EXPERIENCE AND ABILITY, IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED AND THAT IS PROPERLY LICENSED AND PROPERLY REGISTERED TO DO THIS WORK IN THE STATE OF NORTH CAROLINA.
3. THE STRUCTURE SHALL BE DESIGNED IN ACCORDANCE WITH ANSI/TIA-222-G-2-2009 AND CONFORM TO THE REQUIREMENTS OF THE NORTH CAROLINA BUILDING CODE, 2018 EDITION.
4. WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE NORTH CAROLINA BUILDING CODE, 2018 EDITION.
5. UNLESS SHOWN OR NOTED OTHERWISE ON THE CONTRACT DRAWINGS, OR IN THE SPECIFICATIONS, THE FOLLOWING NOTES SHALL APPLY TO THE MATERIALS LISTED HEREIN, AND TO THE PROCEDURES TO BE USED ON THIS PROJECT.
6. ALL HARDWARE ASSEMBLY MANUFACTURER'S INSTRUCTIONS SHALL BE FOLLOWED EXACTLY AND SHALL SUPERSEDE ANY CONFLICTING NOTES ENCLOSED HEREIN.
7. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO ENSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING ERECTION AND/OR FIELD MODIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF TEMPORARY BRACING, GUYS OR TIE DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER THE COMPLETION OF THE PROJECT.
8. ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY MATERIALS ORDERING, FABRICATION OR CONSTRUCTION WORK ON THIS PROJECT. CONTRACTOR SHALL NOT SCALE CONTRACT DRAWINGS IN LIEU OF FIELD VERIFICATION. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND THE OWNER'S ENGINEER. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK. THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR THE ENGINEER SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES OR THE PROCEDURES.
9. ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE NEW AND OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ANY AND ALL SUBSTITUTIONS MUST BE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER AND ENGINEER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT THIS PROJECT AND RELATED WORK COMPLIES WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY CODES AND REGULATIONS GOVERNING THIS WORK. RENTAL CHARGES, SAFETY, PROTECTION, AND MAINTENANCE OF RENTED EQUIPMENT SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
11. ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULE AND MATERIALS ACCESS, WITH THE OWNER PROJECT MANAGER.
12. BILL OF MATERIALS AND PART NUMBERS LISTED ON CONSTRUCTION DRAWINGS ARE INTENDED TO AID CONTRACTOR/OWNER. CONTRACTOR/OWNER SHALL VERIFY PARTS AND QUANTITIES WITH MANUFACTURER PRIOR TO BIDDING AND/OR ORDERING MATERIALS.
13. ALL PERMITS THAT MUST BE OBTAINED ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
14. 24 HOURS PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, THE CONTRACTOR MUST NOTIFY THE APPLICABLE JURISDICTIONAL (STATE, COUNTY OR CITY) ENGINEER.
15. THE CONTRACTOR SHALL REWORK (DRY, SCARIFY, ETC.) ALL MATERIAL NOT SUITABLE FOR SUBGRADE IN ITS PRESENT STATE. AFTER REWORKING, IF THE MATERIAL REMAINS UNSUITABLE, THE CONTRACTOR SHALL UNDERCUT THIS MATERIAL AND REPLACE WITH APPROVED MATERIAL. ALL SUBGRADES SHALL BE PROOFROLLED WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK PRIOR TO PAVING. ANY SOFT MATERIAL SHALL BE REWORKED OR REPLACED.
16. THE CONTRACTOR IS REQUIRED TO MAINTAIN ALL PIPES, DITCHES, AND OTHER DRAINAGE STRUCTURES FREE FROM OBSTRUCTION UNTIL WORK IS ACCEPTED BY THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES CAUSED BY FAILURE TO MAINTAIN DRAINAGE STRUCTURE IN OPERABLE CONDITION.
17. THE OWNER SHALL HAVE A SET OF APPROVED PLANS AVAILABLE AT THE SITE AT ALL TIMES WHILE WORK IS BEING PERFORMED. A DESIGNATED RESPONSIBLE EMPLOYEE SHALL BE AVAILABLE FOR CONTACT BY GOVERNING AGENCY INSPECTORS.

18. ANY BUILDINGS ON THIS SITE ARE INTENDED TO SHELTER EQUIPMENT WHICH WILL ONLY BE PERIODICALLY MAINTAINED AND ARE NOT INTENDED FOR HUMAN OCCUPANCY.
19. TEMPORARY FACILITIES FOR PROTECTION OF TOOLS AND EQUIPMENT SHALL CONFORM TO LOCAL REGULATIONS AND SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
20. THE CONTRACTOR AND ITS SUBCONTRACTORS SHALL CARRY LIABILITY INSURANCE IN THE AMOUNTS AND FORM IN ACCORDANCE WITH OWNER SPECIFICATIONS. CERTIFICATES DEMONSTRATING PROOF OF COVERAGE SHALL BE PROVIDED TO OWNER PRIOR TO THE START OF THE WORK ON THE PROJECT.
21. THE CONTRACTOR SHALL CONTACT ALL APPLICABLE UTILITY SERVICES TO VERIFY LOCATIONS OF EXISTING UTILITIES AND REQUIREMENTS FOR NEW UTILITY CONNECTIONS PRIOR TO EXCAVATING.
22. THE CONTRACTOR SHALL MAINTAIN THE JOB CLEAR OF TRASH AND DEBRIS. ALL WASTE MATERIALS SHALL BE REMOVED FROM THE SITE PRIOR TO SUBSTANTIAL COMPLETION AND PRIOR TO FINAL ACCEPTANCE. THE CONTRACTOR SHALL FURNISH ONE 55 GALLON BARREL, AND TRASH BAGS, AND SHALL REMOVE TRASH, DEBRIS, ETC., ON A DAILY BASIS.
23. THE CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH ALL CONDITIONS PRIOR TO SUBMITTING THE PROPOSAL. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON THESE DRAWINGS WITH THOSE AT THE SITE. ANY VARIATION WHICH REQUIRES PHYSICAL CHANGE SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER PROJECT ENGINEER FOR FACILITIES/CONSTRUCTION.
24. THE CONTRACTOR SHALL GUARANTEE THE WORK PERFORMED ON THE PROJECT BY THE CONTRACTOR AND ANY OR ALL OF THE SUBCONTRACTORS WHO PERFORMED WORK FOR THE CONTRACTOR ON THIS PROJECT. THE GUARANTEE SHALL BE FOR A FULL YEAR FOLLOWING ISSUANCE OF THE FINAL PAYMENT OF RETAINAGE. ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR ONE YEAR FROM ACCEPTANCE DATE.

**UTILITY NOTES**

1. APPLY FOR THE UTILITY SERVICE (ELECTRIC) NO LATER THAN THE NEXT BUSINESS DAY FOLLOWING AWARD OF CONTRACT. COORDINATE WITH THE ELECTRIC UTILITY COMPANY FOR EXACT TRANSFORMER LOCATION, METERING REQUIREMENTS, AND THE SERVICE ROUTING. COORDINATE WITH THE TELEPHONE UTILITY COMPANY FOR EXACT TELEPHONE REQUIREMENTS AND ROUTING OF SERVICE.
2. ALL UTILITY RELATED WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE UTILITY REQUIREMENTS. FIELD VERIFY EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
3. THE CONTRACTOR SHALL CONTACT UTILITIES AND LOCATOR SERVICE A MINIMUM OF 72 HOURS PRIOR TO THE START OF CONSTRUCTION. (NC ONE-CALL 1-800-632-4949).
4. CONTRACTOR SHALL PROVIDE TRENCHING AND CONDUITS AS SHOWN OR AS REQUIRED BY LOCAL UTILITY.
5. NO PENETRATIONS TO THE TOWER FOUNDATION OF ANY KIND.

**GENERAL NOTES**

PLANS PREPARED FOR:



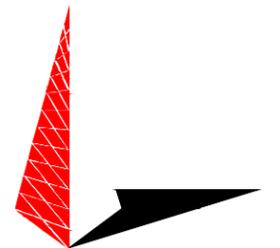
PO BOX 3469, CARY, NC 27519  
(888) 318-2803

PROJECT INFORMATION:

**SCI SITE NAME:  
SANFORD**

1344 COLON RD.  
(E911 ADDRESS TO BE DETERMINED)  
SANFORD, NC 27330  
(LEE COUNTY)

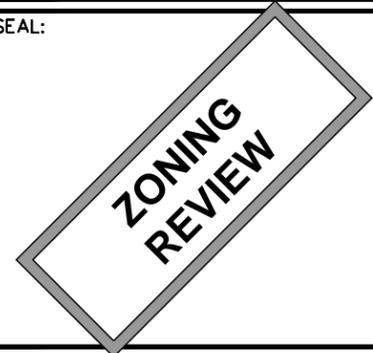
PLANS PREPARED BY:



TOWER ENGINEERING PROFESSIONALS  
326 TRYON ROAD  
RALEIGH, NC 27603-3530  
OFFICE: (919) 661-6351  
www.tepgroup.net

N.C. LICENSE # C-1794

SEAL:



3	11-25-19	ZONING
2	11-07-19	ZONING
1	10-30-19	ZONING
0	10-17-19	ZONING
REV	DATE	ISSUED FOR:

DRAWN BY: LKR CHECKED BY: ANG

SHEET TITLE:  
**GENERAL NOTES**

SHEET NUMBER: **N-1** REVISION: **3**  
TEP #: 239281

**NOTES:**

1. THE BASIS OF THE MERIDIANS AND COORDINATES FOR THIS PLAN IS THE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM 1983 (NCSPCS NAD 83), BASED ON DIFFERENTIAL GPS OBSERVATIONS PERFORMED ON OCTOBER 07, 2019.
2. VERTICAL INFORMATION SHOWN BASED ON THE NORTH AMERICAN VERTICAL DATUM OF NAVD 1988 IN FEET.
3. ALL DISTANCES ARE GROUND UNLESS OTHERWISE NOTED.
4. THE TOWER IS LOCATED IN FLOOD ZONE "X," AREAS DETERMINED TO BE OUTSIDE THE 0.2% CHANCE OF ANNUAL FLOOD, ACCORDING TO FEMA COMMUNITY PANEL #3710965400J, DATED SEPTEMBER 06, 2006.
5. SEE SHEET L-1 FOR LANDSCAPING PLAN & NOTES.
6. NO BUILDINGS WILL BE PLACED WITHIN THE FLOOD ZONE EXCEPT FOR BUILDINGS OCCUPIED BY WIRELESS COMMUNICATION TENANTS.

N/F  
**CHEROKEE LAND COMPANY LLC**  
PIN # 9644-93-4848-00  
DB 695 PC 516  
ZONING: RR

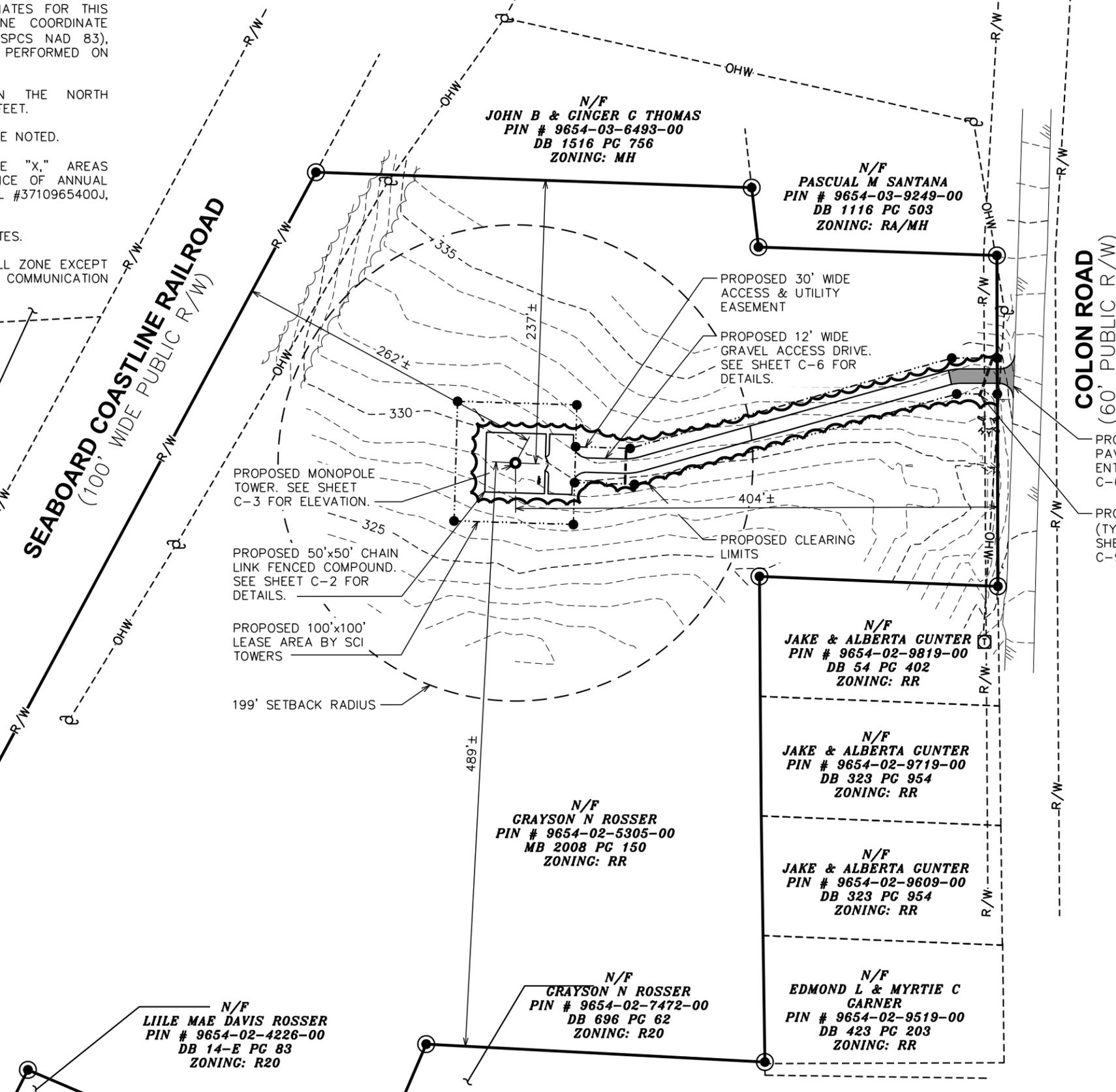
N/F  
**CITY OF SANFORD**  
PIN # 9644-92-9921-00  
DB 772 PC 53  
ZONING: RR

**LEGEND**

- EXIST. PROPERTY LINE
- - - ADJ. PROPERTY LINE
- ⊕ EXIST. UTILITY POLE
- ⊙ EXIST. LIGHT POLE
- ⊕ EXIST. HYDRANT
- ⊕ EXIST. TELCO PEDESTAL
- ⊙ PROPERTY CORNER
- LEASE/EASE. CORNER
- - -200- - - EXIST. CONTOUR LINE
- /// EDGE OF PAVEMENT
- - -OHW- - - OVERHEAD WIRE
- - -R/W- - - RIGHT-OF-WAY
- X - CHAIN LINK FENCE
- ~ EXISTING TREE LINE

**SEABOARD COASTLINE RAILROAD**  
(100' WIDE PUBLIC R/W)

**COLON ROAD**  
(60' PUBLIC R/W)



N/F  
**LIILE MAE DAVIS ROSSER**  
PIN # 9654-02-4226-00  
DB 14-E PC 83  
ZONING: R20

N/F  
**GRAYSON N ROSSER**  
PIN # 9654-02-5305-00  
MB 2008 PC 150  
ZONING: RR

N/F  
**GRAYSON N ROSSER**  
PIN # 9654-02-7472-00  
DB 696 PC 62  
ZONING: R20

N/F  
**JAKE & ALBERTA GUNTER**  
PIN # 9654-02-9819-00  
DB 54 PC 402  
ZONING: RR

N/F  
**JAKE & ALBERTA GUNTER**  
PIN # 9654-02-9719-00  
DB 323 PC 954  
ZONING: RR

N/F  
**JAKE & ALBERTA GUNTER**  
PIN # 9654-02-9609-00  
DB 323 PC 954  
ZONING: RR

N/F  
**EDMOND L & MYRTIE C GARNER**  
PIN # 9654-02-9519-00  
DB 423 PC 203  
ZONING: RR

N/F  
**PASCUAL M SANTANA**  
PIN # 9654-03-9249-00  
DB 1116 PC 503  
ZONING: RA/MH

N/F  
**JOHN B & GINGER C THOMAS**  
PIN # 9654-03-6493-00  
DB 1516 PC 756  
ZONING: MH

PLANS PREPARED FOR:

PO BOX 3469, CARY, NC 27519  
(888) 318-2803

PROJECT INFORMATION:

**SCI SITE NAME: SANFORD**

1344 COLON RD.  
(E911 ADDRESS TO BE DETERMINED)  
SANFORD, NC 27330  
(LEE COUNTY)

PLANS PREPARED BY:

**TOWER ENGINEERING PROFESSIONALS**  
326 TRYON ROAD  
RALEIGH, NC 27603-3530  
OFFICE: (919) 661-6351  
www.tepgroup.net

N.C. LICENSE # C-1794

SEAL:

REV	DATE	ISSUED FOR:
5	04-08-20	ZONING
4	01-16-20	ZONING
3	11-25-19	ZONING
2	11-07-19	ZONING

DRAWN BY: LKR | CHECKED BY: ANG

SHEET TITLE:

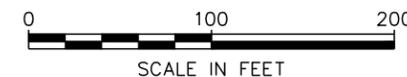
**SITE PLAN**

SHEET NUMBER: **C-1** | REVISION: **5**

TEP #: 239281

**SITE PLAN**

SCALE: 1" = 100'





PLANS PREPARED FOR:



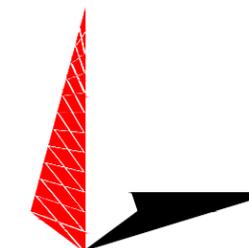
PO BOX 3469, CARY, NC 27519  
(888) 318-2803

PROJECT INFORMATION:

**SCI SITE NAME:  
SANFORD**

1344 COLON RD.  
(E911 ADDRESS TO BE DETERMINED)  
SANFORD, NC 27330  
(LEE COUNTY)

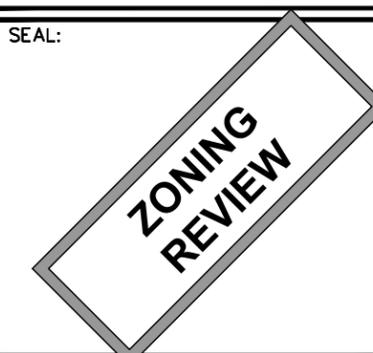
PLANS PREPARED BY:



**TOWER ENGINEERING PROFESSIONALS**  
326 TRYON ROAD  
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OFFICE: (919) 661-6351  
www.tepgroup.net

N.C. LICENSE # C-1794

SEAL:



4	01-16-20	ZONING
3	11-25-19	ZONING
2	11-07-19	ZONING
1	10-30-19	ZONING
REV	DATE	ISSUED FOR:

DRAWN BY: LKR CHECKED BY: ANG

SHEET TITLE:

**TOWER ELEVATION**

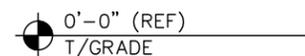
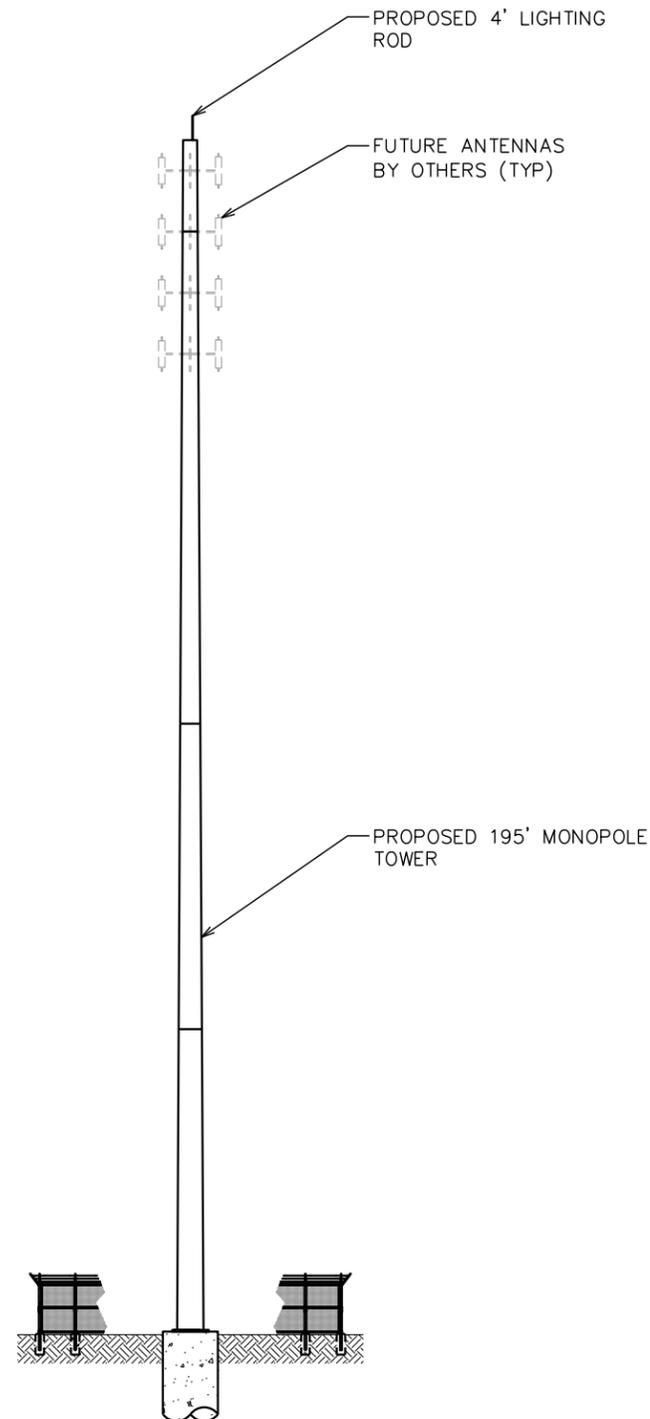
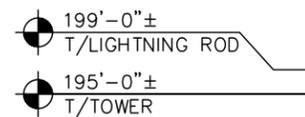
SHEET NUMBER:

**C-3**

REVISION:

**4**

TEP #: 239281



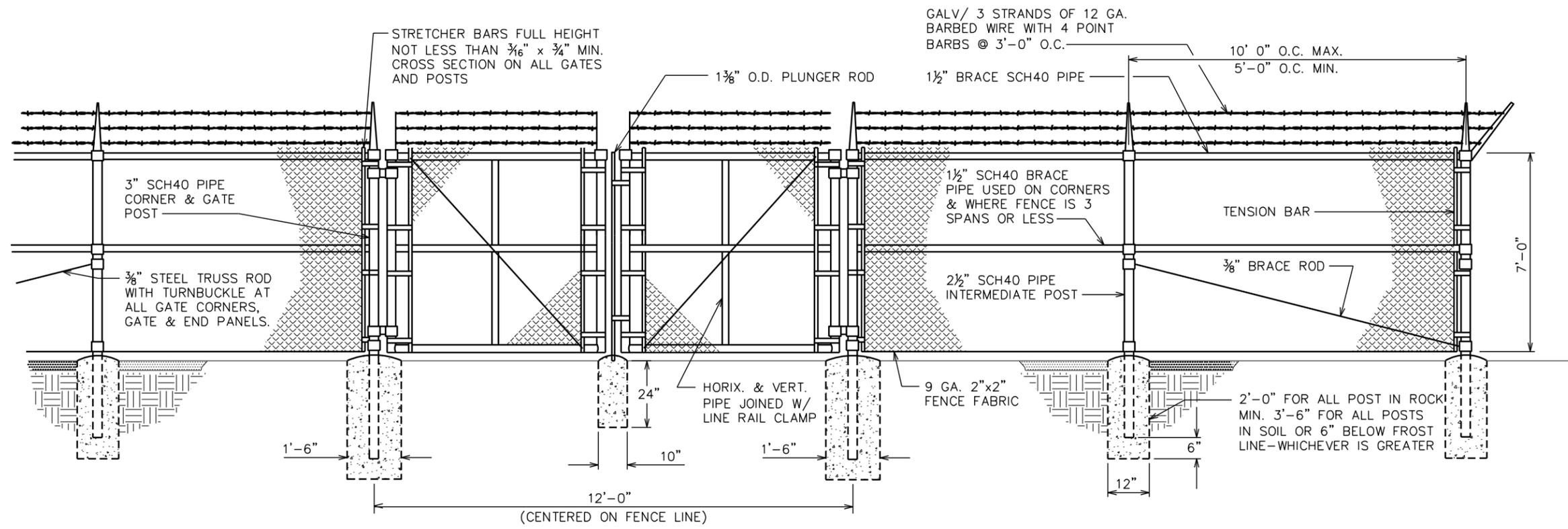
**NOTES:**

1. PROPOSED COAX TO BE RUN INSIDE TOWER USING HOISTING GRIPS (AS DIRECTED BY TOWER MANUFACTURER).
2. TOWER SHALL BE CONSTRUCTED OF GALVANIZED STEEL OR PAINTED PER APPLICABLE STANDARDS OF THE FAA OR OTHER APPLICABLE FEDERAL OR STATE AGENCY.
3. TOWER ELEVATION SHOWN FOR REFERENCE ONLY. VERIFY ACTUAL TOWER DESIGN & LOADING WITH TOWER DRAWINGS FROM MANUFACTURER AND/OR PASSING STRUCTURAL ANALYSIS PRIOR TO CONSTRUCTION.
4. CONTRACTOR TO VERIFY PROPOSED LOADING WITH PASSING STRUCTURAL ANALYSIS PRIOR TO CONSTRUCTION. CONTACT SCI IN THE EVENT OF ANY DISCREPANCIES.

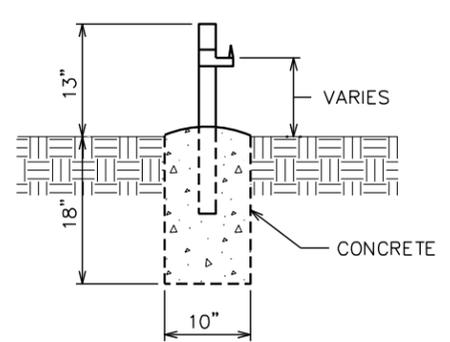
**TOWER ELEVATION**

SCALE: 1" = 30'

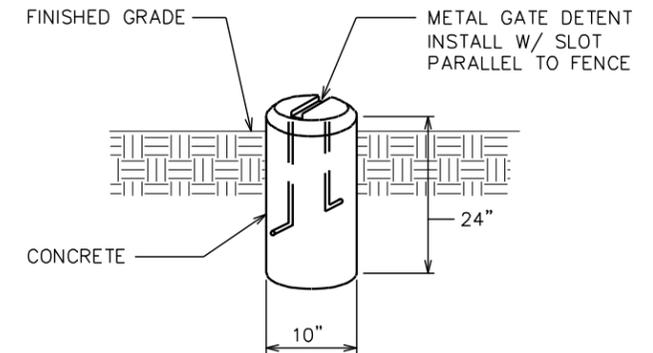




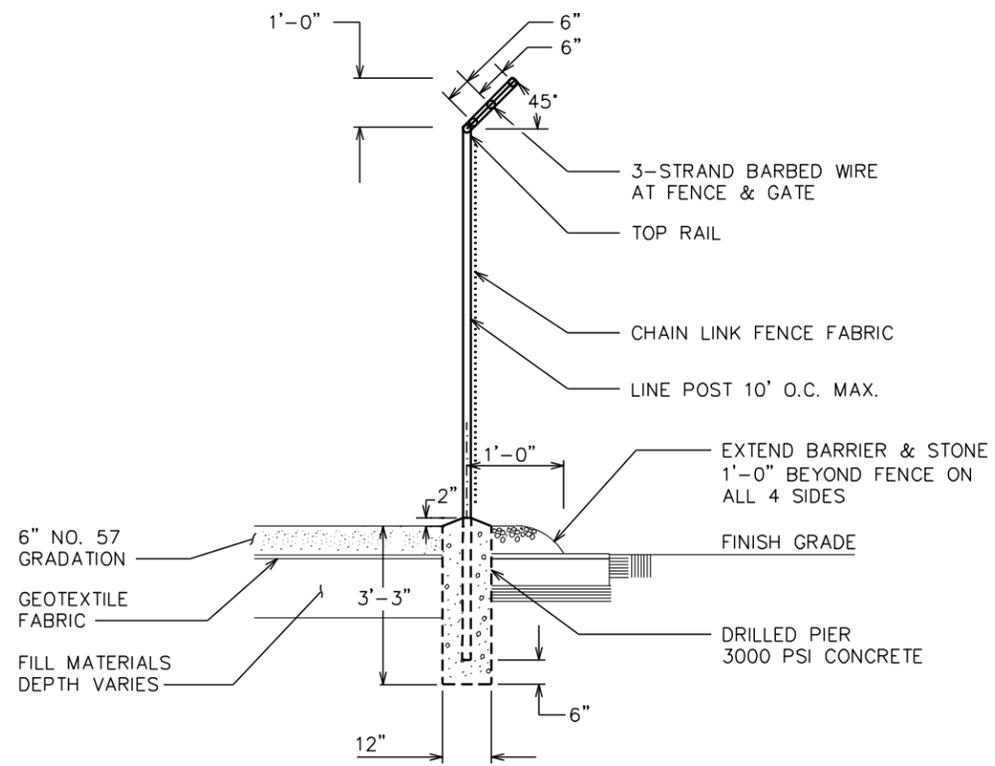
**TYPICAL FENCE ELEVATION**  
SCALE: N.T.S.



**GATE STOP / KEEPER DETAIL**  
SCALE: N.T.S.



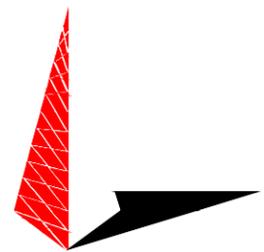
**GATE DETENT DETAIL**  
SCALE: N.T.S.



**FENCE / BARBED WIRE ARM DETAIL**  
SCALE: N.T.S.

PLANS PREPARED FOR:  
**SCI TOWERS**  
PO BOX 3469, CARY, NC 27519  
(888) 318-2803

PROJECT INFORMATION:  
**SCI SITE NAME: SANFORD**  
1344 COLON RD.  
(E911 ADDRESS TO BE DETERMINED)  
SANFORD, NC 27330  
(LEE COUNTY)

PLANS PREPARED BY:  
  
**TOWER ENGINEERING PROFESSIONALS**  
326 TRYON ROAD  
RALEIGH, NC 27603-3530  
OFFICE: (919) 661-6351  
www.tepgroup.net  
N.C. LICENSE # C-1794

SEAL:  
**ZONING REVIEW**

REV	DATE	ISSUED FOR:
3	11-25-19	ZONING
2	11-07-19	ZONING
1	10-30-19	ZONING
0	10-17-19	ZONING

DRAWN BY: LKR CHECKED BY: ANG

SHEET TITLE:  
**FENCE DETAILS**

SHEET NUMBER: **C-4** REVISION: **3**  
TEP #: 239281

**NOTES:**

1. SIGNS SHALL BE MADE OF ALUMINUM WITH 1/4" HOLES 1/2" FROM EACH CORNER TO HANG SIGNS ON FENCE.
2. SIGNS SHALL BE INSTALLED AS FOLLOWS:  
GATE: SCI TOWERS LLC AND FCC TOWER REGISTRATION NUMBER, NO TRESPASSING, RF WARNING SIGN  
FENCE FACING ACCESS DRIVE: E911 STREET NUMBER SIGN
3. SIGNS SHALL BE INSTALLED WITH CENTER AT 5' ABOVE FINISHED GRADE.

PLANS PREPARED FOR:



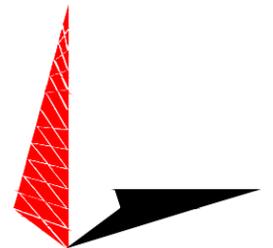
PO BOX 3469, CARY, NC 27519  
(888) 318-2803

PROJECT INFORMATION:

**SCI SITE NAME:  
SANFORD**

1344 COLON RD.  
(E911 ADDRESS TO BE DETERMINED)  
SANFORD, NC 27330  
(LEE COUNTY)

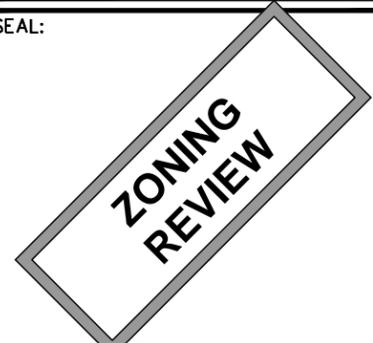
PLANS PREPARED BY:



TOWER ENGINEERING PROFESSIONALS  
326 TRYON ROAD  
RALEIGH, NC 27603-3530  
OFFICE: (919) 661-6351  
www.tepgroup.net

N.C. LICENSE # C-1794

SEAL:



3	11-25-19	ZONING
2	11-07-19	ZONING
1	10-30-19	ZONING
0	10-17-19	ZONING
REV	DATE	ISSUED FOR:

DRAWN BY: LKR CHECKED BY: ANG

SHEET TITLE:  
**SIGNAGE DETAILS**

SHEET NUMBER: **C-5** REVISION: **3**  
TEP #: 239281



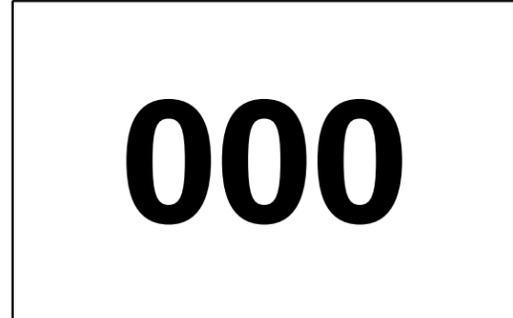
① SCI TOWERS LLC AND FCC REGISTRATION SIGN  
SIZE: 12"x 24" (0.063" ALUMINUM)  
(TO BE MOUNTED ON GATE)



② NO TRESPASSING SIGN  
SIZE: 18"x 24"  
(TO BE MOUNTED ON GATE)



③ RF WARNING SIGN  
SIZE: 18"x 12" (0.040" ALUMINUM)  
(TO BE MOUNTED ON GATE)



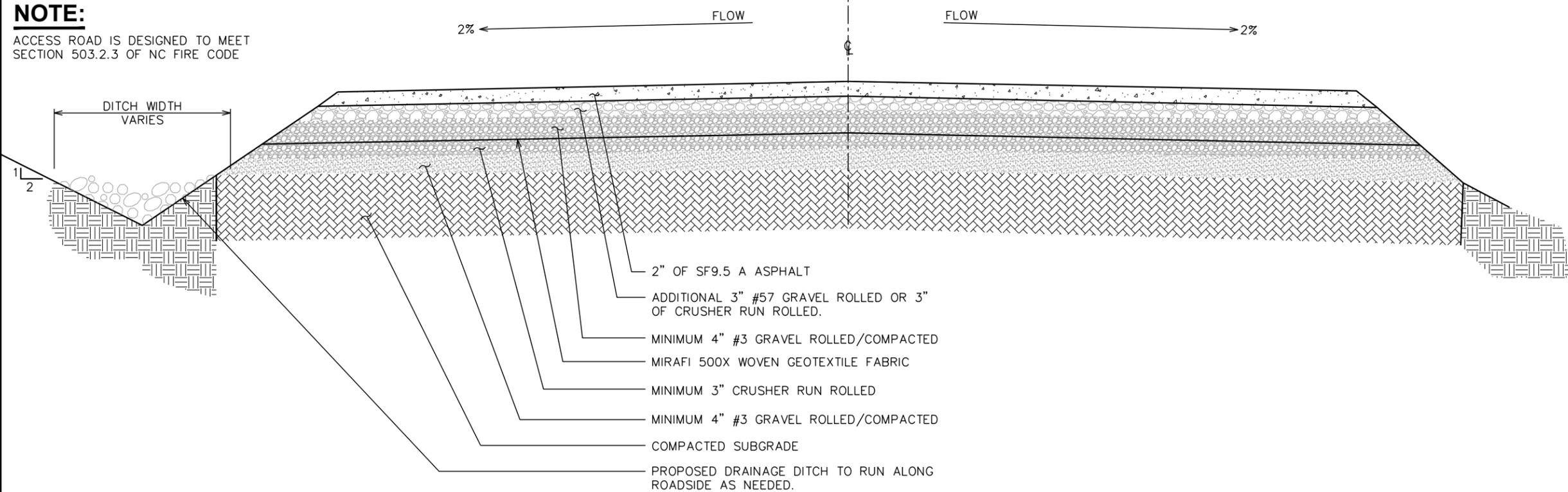
④ E911 STREET #  
LETTERS MUST BE A MINIMUM 5" TALL  
(TO BE MOUNTED ON THE FENCE FACING THE ACCESS DRIVE)

**TYPICAL SIGNS AND SPECIFICATIONS**

SCALE: N.T.S.

**NOTE:**

ACCESS ROAD IS DESIGNED TO MEET SECTION 503.2.3 OF NC FIRE CODE



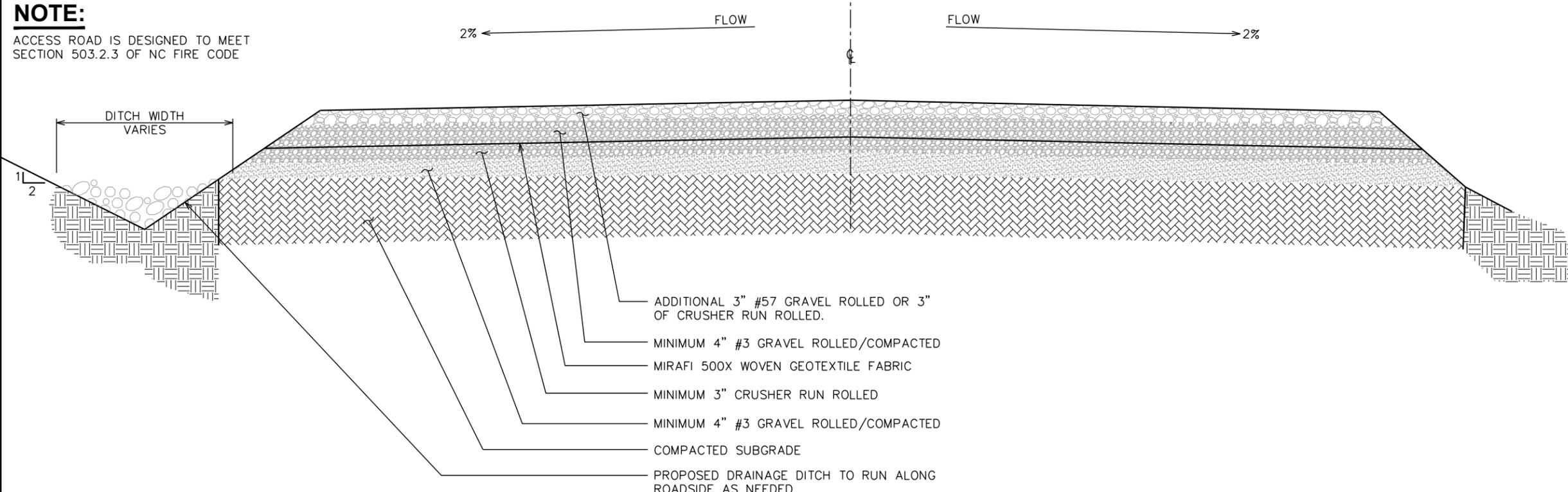
- 2" OF SF9.5 A ASPHALT
- ADDITIONAL 3" #57 GRAVEL ROLLED OR 3" OF CRUSHER RUN ROLLED.
- MINIMUM 4" #3 GRAVEL ROLLED/COMPACTED
- MIRAFI 500X WOVEN GEOTEXTILE FABRIC
- MINIMUM 3" CRUSHER RUN ROLLED
- MINIMUM 4" #3 GRAVEL ROLLED/COMPACTED
- COMPACTED SUBGRADE
- PROPOSED DRAINAGE DITCH TO RUN ALONG ROADSIDE AS NEEDED.

**DRIVEWAY ENTRANCE DETAILS**

SCALE: N.T.S.

**NOTE:**

ACCESS ROAD IS DESIGNED TO MEET SECTION 503.2.3 OF NC FIRE CODE



- ADDITIONAL 3" #57 GRAVEL ROLLED OR 3" OF CRUSHER RUN ROLLED.
- MINIMUM 4" #3 GRAVEL ROLLED/COMPACTED
- MIRAFI 500X WOVEN GEOTEXTILE FABRIC
- MINIMUM 3" CRUSHER RUN ROLLED
- MINIMUM 4" #3 GRAVEL ROLLED/COMPACTED
- COMPACTED SUBGRADE
- PROPOSED DRAINAGE DITCH TO RUN ALONG ROADSIDE AS NEEDED.

**ACCESS ROAD DETAILS**

SCALE: N.T.S.

PLANS PREPARED FOR:



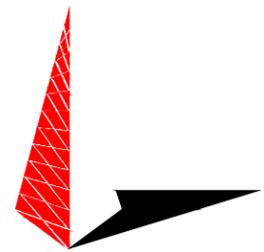
PO BOX 3469, CARY, NC 27519  
(888) 318-2803

PROJECT INFORMATION:

**SCI SITE NAME:  
SANFORD**

1344 COLON RD.  
(E911 ADDRESS TO BE DETERMINED)  
SANFORD, NC 27330  
(LEE COUNTY)

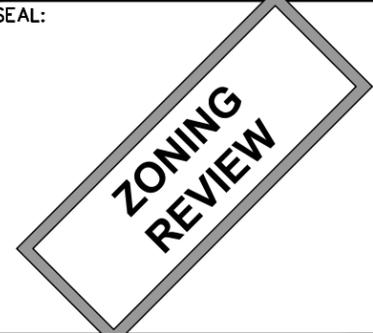
PLANS PREPARED BY:



**TOWER ENGINEERING PROFESSIONALS**  
326 TRYON ROAD  
RALEIGH, NC 27603-3530  
OFFICE: (919) 661-6351  
www.tepgroup.net

N.C. LICENSE # C-1794

SEAL:



4	01-16-20	ZONING
3	11-25-19	ZONING
2	11-07-19	ZONING
1	10-30-19	ZONING
REV	DATE	ISSUED FOR:

DRAWN BY: LKR | CHECKED BY: ANG

SHEET TITLE:

**ACCESS ROAD  
DETAILS**

SHEET NUMBER: **C-6** | REVISION: **4**

TEP #: 239281

**GRADING NOTES:**

CONTRACTOR TO ENSURE POSITIVE DRAINAGE ACROSS COMPOUND.

LEGEND	
SILT FENCE	
LODA	

SITE DATA TABLE	
TOTAL PARCEL AREA:	12.71 ACRES±
EXISTING IMPERVIOUS:	0.00 ACRES± (0.0%)
PROPOSED IMPERVIOUS:	0.20 ACRES± (1.6%)
TOTAL IMPERVIOUS:	0.20 ACRES± (1.6%)
TOTAL PROPOSED DISTURBED AREA:	0.53 ACRES± (4.2%)

APPROXIMATE LIMITS OF DISTURBED AREA  
23,095± SQ. FT. (0.53 AC)

PROPOSED DITCH  
BOTTOM WIDTH = 0'  
SIDE SLOPE = 2:1  
LONG. SLOPE = 2.3%

PROPOSED CLEARING LIMITS

PROPOSED SILT FENCE  
OUTLET (TYP). SEE SHEET  
C-8 FOR DETAILS.

PROPOSED SILT FENCE. SEE  
SHEET C-8 FOR DETAILS.

**SOIL & EROSION CONTROL PLAN**

SCALE: 1" = 40'

**SITE DATA TABLE**

TOTAL PARCEL AREA:	12.71 ACRES±
EXISTING IMPERVIOUS:	0.00 ACRES± (0.0%)
PROPOSED IMPERVIOUS:	0.20 ACRES± (1.6%)
TOTAL IMPERVIOUS:	0.20 ACRES± (1.6%)
TOTAL PROPOSED DISTURBED AREA:	0.53 ACRES± (4.2%)

PROPOSED 32 LF,  
15"Ø, CLASS IV RCP  
CULVERT. SEE SHEET  
C-9 FOR DETAILS.

PROPOSED 4'x4' STONE  
PAD. SEE SHEET C-9  
FOR DETAILS.  
D<sub>50</sub> = 6"  
DEPTH = 18"

PROPOSED DITCH  
BOTTOM WIDTH = 0'  
SIDE SLOPE = 3:1  
LONG. SLOPE = 1.3%

PROPOSED 28 LF, 12"Ø,  
CMP CULVERT. SEE SHEET  
C-9 FOR DETAILS.

PROPOSED 4'x4' STONE PAD.  
SEE SHEET C-9 FOR DETAILS.  
D<sub>50</sub> = 6"  
DEPTH = 18"

INV. IN=  
333.4'±

T/ROAD=  
335.9'±

INV. OUT=  
332.9'±

INV. IN=  
329.6'±

T/ROAD=  
331.8'±

INV. OUT=  
329.3'±



PLANS PREPARED FOR:



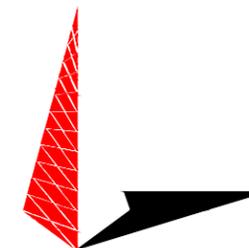
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PROJECT INFORMATION:

**SCI SITE NAME:  
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SEAL:



REV	DATE	ISSUED FOR:
3	11-25-19	ZONING
2	11-07-19	ZONING
1	10-30-19	ZONING
0	10-17-19	ZONING

DRAWN BY: LKR CHECKED BY: ANG

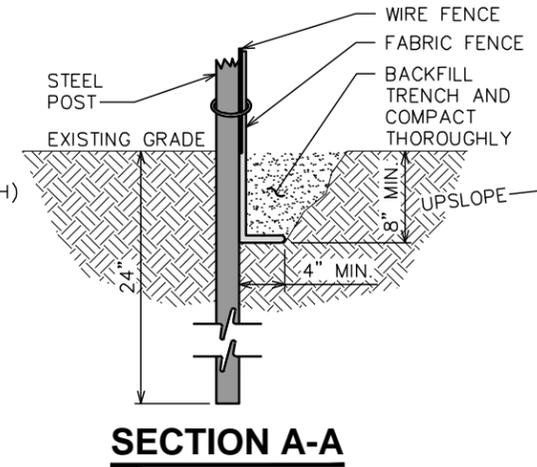
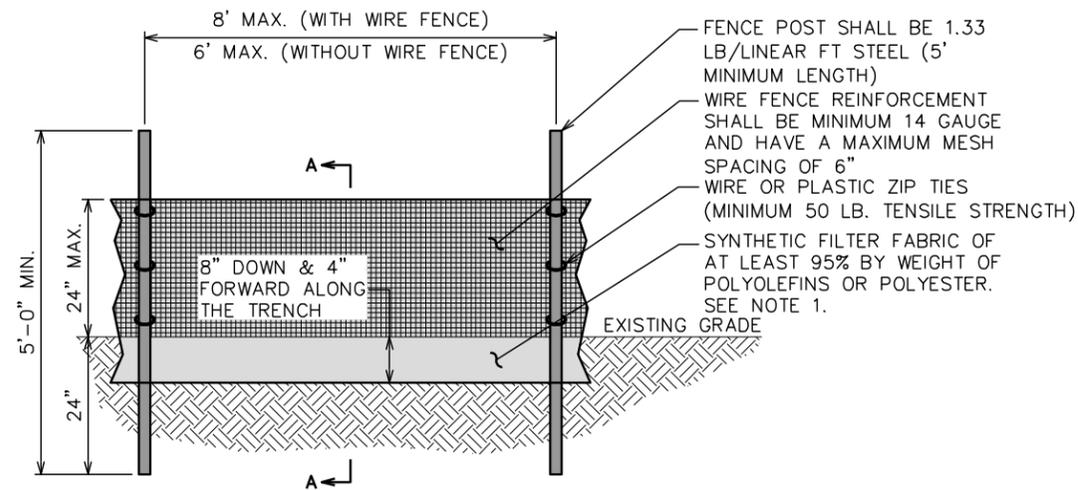
SHEET TITLE:

**SOIL & EROSION  
CONTROL PLAN**

SHEET NUMBER: <b>C-7</b>	REVISION: <b>3</b> TEP #: 239281
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**NOTES:**

1. FILTER FABRIC SHALL CONFORM TO THE REQUIREMENTS LISTED IN ASTM D 6461.
2. ENDS OF INDIVIDUAL FILTER FABRIC SHALL BE SECURELY FASTENED AT A SUPPORT POST WITH 4 FEET MINIMUM OVERLAP TO THE NEXT POST.
3. PLACE 12 INCHES OF FABRIC ALONG THE BOTTOM AND SIDE OF THE TRENCH.
4. INSPECT SEDIMENT FENCE(S) AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL.
5. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE.
6. AFTER CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS, BRING THE AREA TO GRADE AND PROPERLY STABILIZE THE SITE.



PLANS PREPARED FOR:



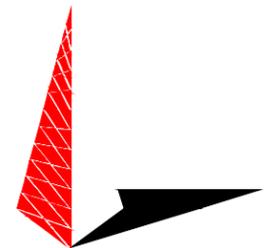
PO BOX 3469, CARY, NC 27519  
(888) 318-2803

PROJECT INFORMATION:

**SCI SITE NAME:  
SANFORD**

1344 COLON RD.  
(E911 ADDRESS TO BE DETERMINED)  
SANFORD, NC 27330  
(LEE COUNTY)

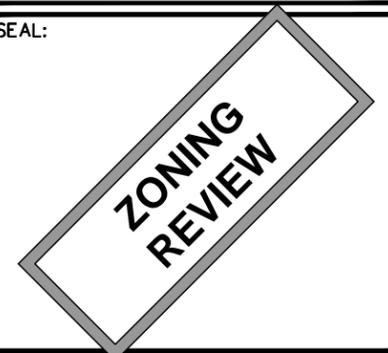
PLANS PREPARED BY:



TOWER ENGINEERING PROFESSIONALS  
326 TRYON ROAD  
RALEIGH, NC 27603-3530  
OFFICE: (919) 661-6351  
www.tepgroup.net

N.C. LICENSE # C-1794

SEAL:



3	11-25-19	ZONING
2	11-07-19	ZONING
1	10-30-19	ZONING
0	10-17-19	ZONING
REV	DATE	ISSUED FOR:

DRAWN BY: LKR CHECKED BY: ANG

SHEET TITLE:

**SILT FENCE  
DETAILS**

SHEET NUMBER:

**C-8**

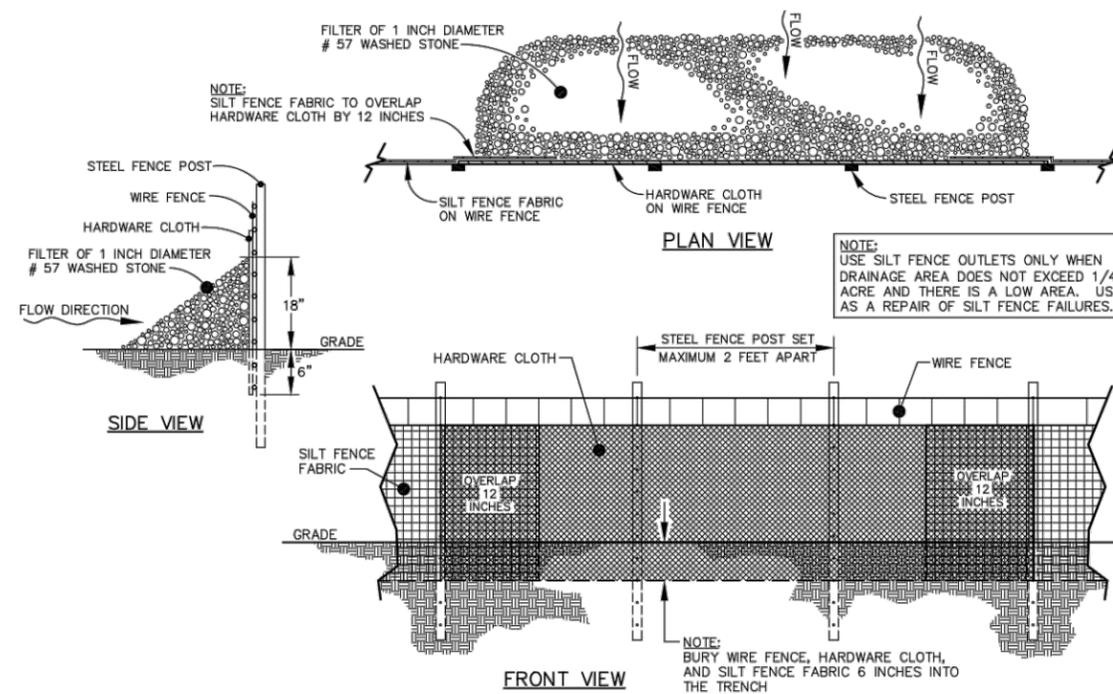
REVISION:

**3**

TEP #: 239281

**SILT FENCE DETAIL**

SCALE: N.T.S.

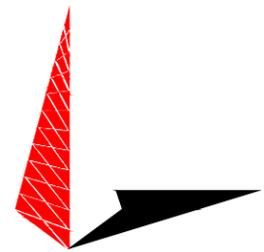


**STANDARD SILT FENCE OUTLET DETAIL**

SCALE: N.T.S.

PLANS PREPARED FOR:  
  
**SCI TOWERS**  
 PO BOX 3469, CARY, NC 27519  
 (888) 318-2803

PROJECT INFORMATION:  
**SCI SITE NAME:  
 SANFORD**  
 1344 COLON RD.  
 (E911 ADDRESS TO BE DETERMINED)  
 SANFORD, NC 27330  
 (LEE COUNTY)

PLANS PREPARED BY:  
  
**TOWER ENGINEERING PROFESSIONALS**  
 326 TRYON ROAD  
 RALEIGH, NC 27603-3530  
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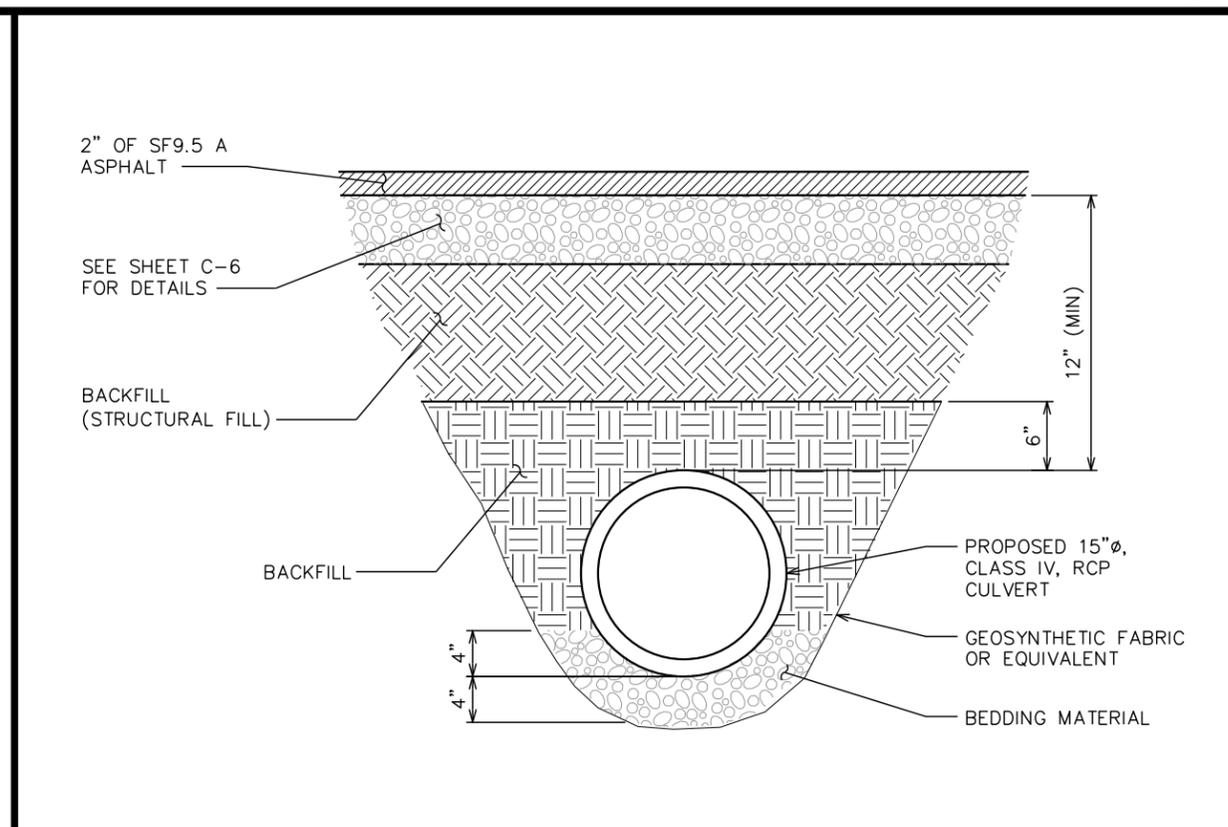
SEAL:  


REV	DATE	ISSUED FOR:
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3	11-25-19	ZONING
2	11-07-19	ZONING
1	10-30-19	ZONING

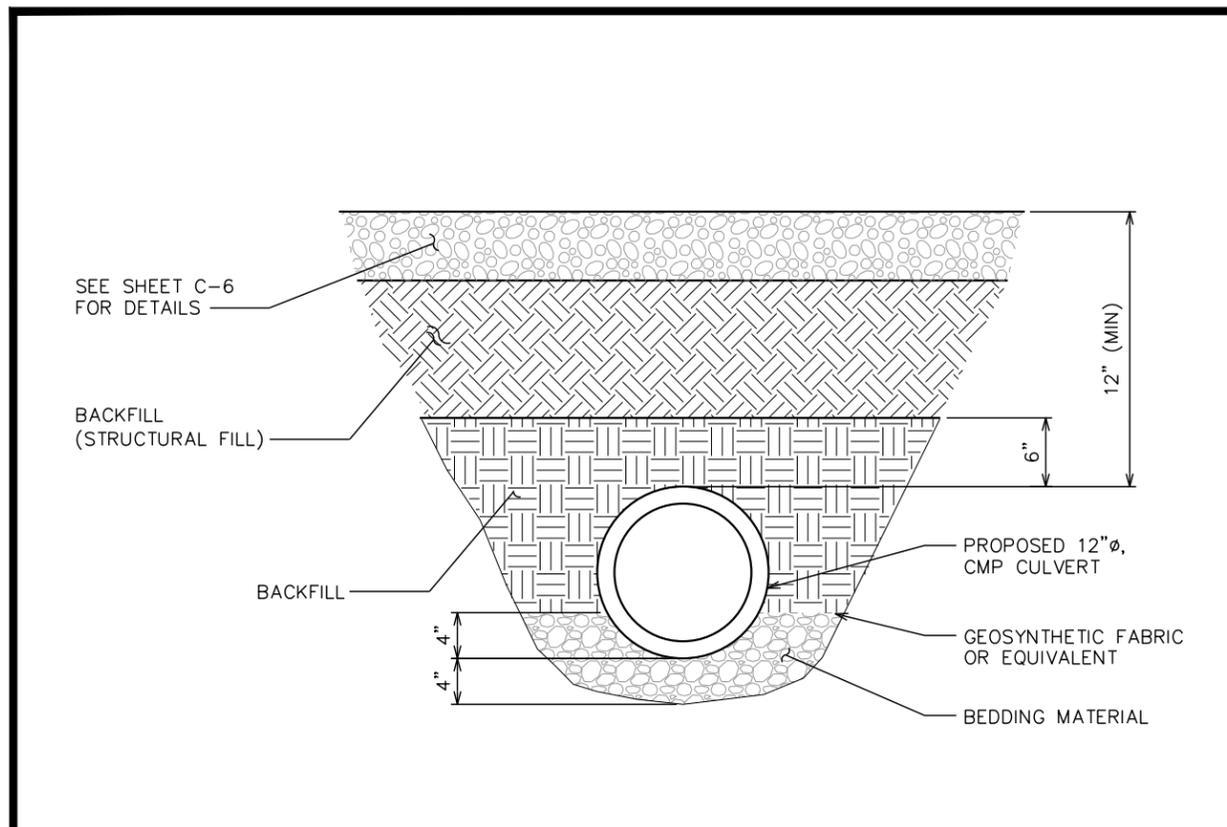
DRAWN BY: LKR | CHECKED BY: ANG

SHEET TITLE:  
**CULVERT &  
 DISSIPATOR PAD  
 DETAILS**

SHEET NUMBER: **C-9** | REVISION: **4**  
 TEP #: 239281



**15"Ø CULVERT DETAIL**  
 SCALE: N.T.S.

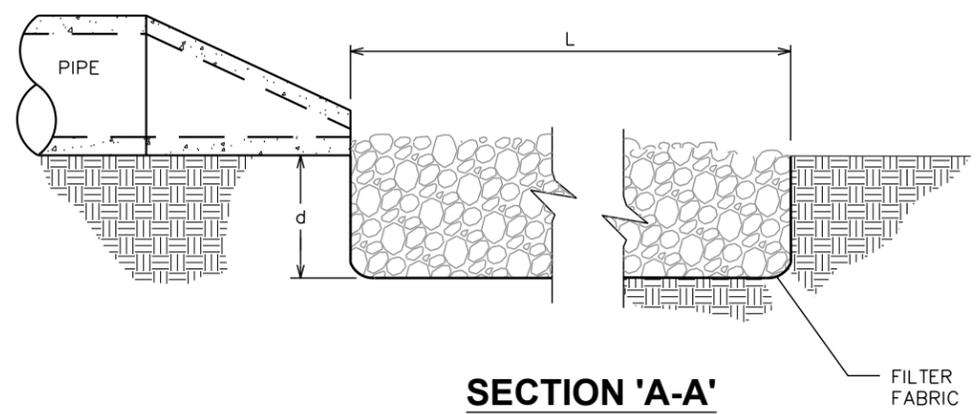


**12"Ø CULVERT DETAIL**  
 SCALE: N.T.S.

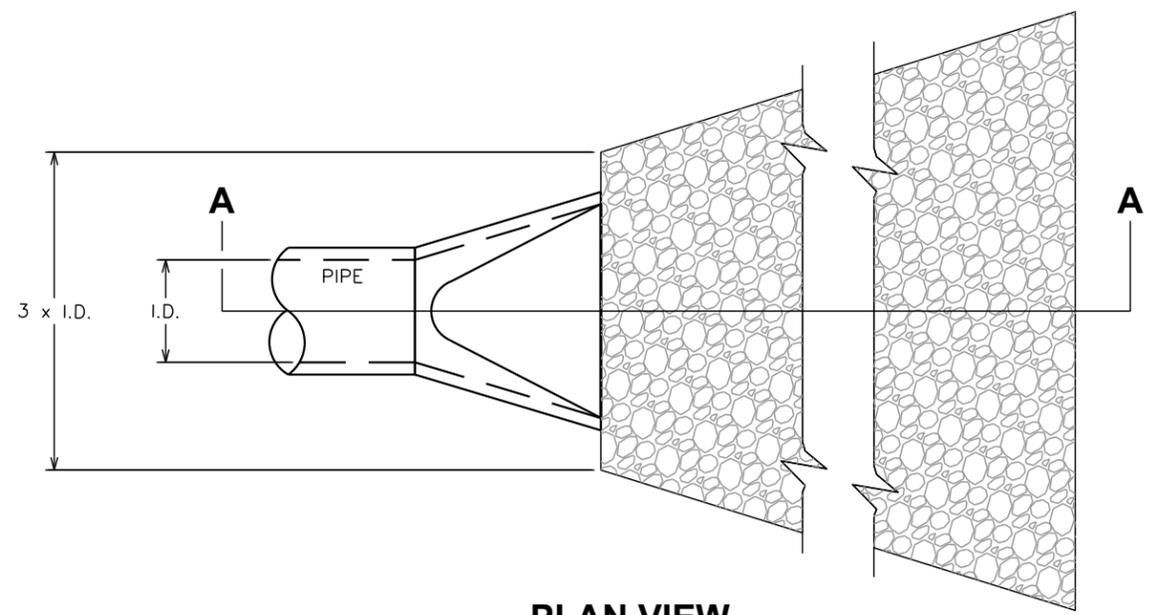
**NOTES:**

- L = THE LENGTH OF THE RIPRAP APRON.
- d = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6" (INCHES).
- A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.

DISSIPATOR PAD SIZING					
RIP-RAP APRON NO.	CULVERT DIAMETER (IN)	WIDTH (FT)	LENGTH (FT)	DEPTH (IN)	D <sub>50</sub> (IN)
1	12	4	4	18	6
2	15	4	4	18	6



**SECTION 'A-A'**



**PLAN VIEW**

**PROPOSED DISSIPATOR PAD DETAILS**  
 SCALE: N.T.S.

## PLANTING SCHEDULE

ITEM	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT @ PLANTING	HEIGHT @ MATURITY	CALIPER/ SPREAD	SPACING	REMARKS
<b>SHRUBS</b>								
①	41	LIGUSTRUM SINENSE	SUNSHINE LIGUSTRUM	3'-0" (MIN)	4'-0" (MIN)	(3) GALLON	5'-0"	SHOWN AS
<b>MULCH</b>								
②	-	-	-	-	-	-	-	APPLY 3"-4" DEEP FROM THE TRUNKLINE TO THE DRIPLINE. FOR GROUND COVER - APPLY 1"-2" DEEP.

PLANS PREPARED FOR:

**SCI TOWERS**

PO BOX 3469, CARY, NC 27519  
(888) 318-2803

PROJECT INFORMATION:

**SCI SITE NAME:  
SANFORD**

1344 COLON RD.  
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SEAL:

ZONING REVIEW

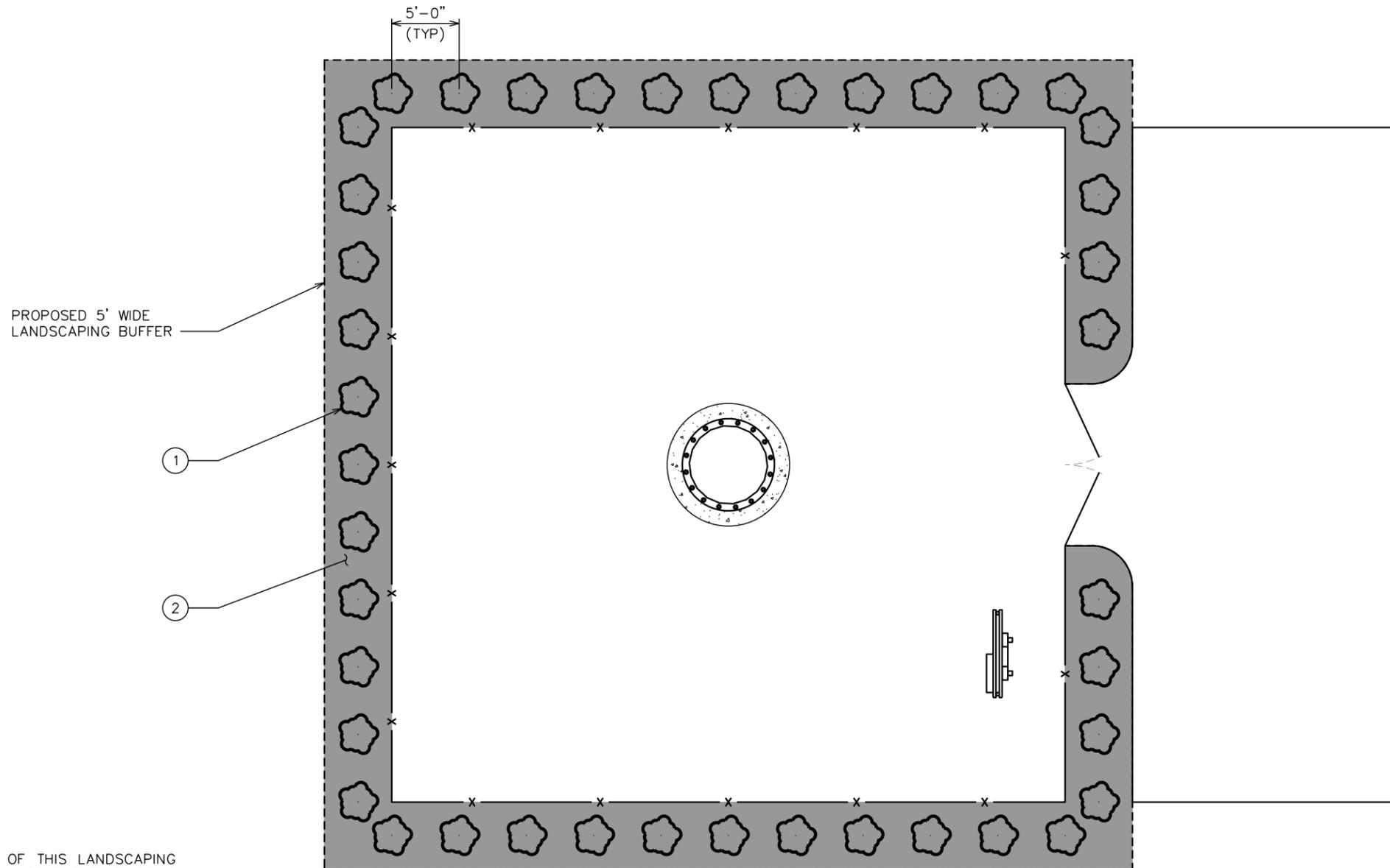
4	01-16-20	ZONING
3	11-25-19	ZONING
2	11-07-19	ZONING
1	10-30-19	ZONING
REV	DATE	ISSUED FOR:

DRAWN BY: LKR    CHECKED BY: ANG

SHEET TITLE:

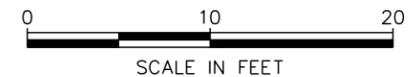
LANDSCAPING PLAN

SHEET NUMBER: <b>L-1</b>	REVISION: <b>4</b>
	TEP #: 239281



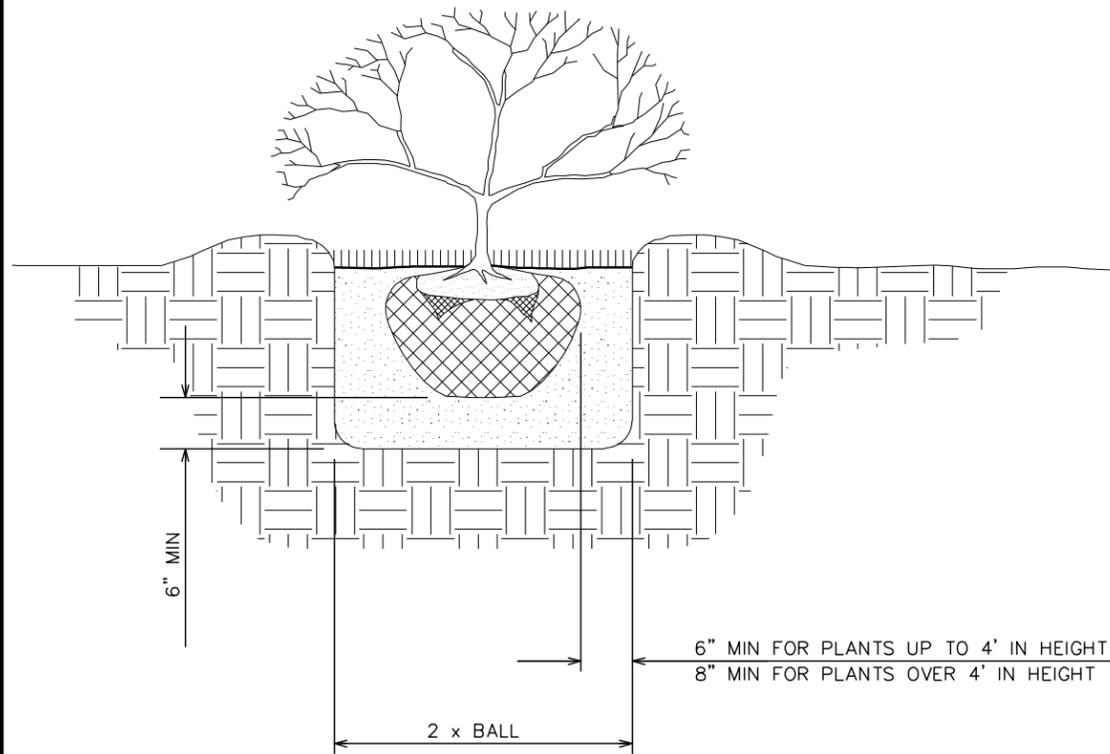
**NOTE:**  
THE PURPOSE OF THIS LANDSCAPING PLAN IS TO SUPPLEMENT EXISTING VEGETATION. CONTRACTOR TO UTILIZE EXISTING FOLIAGE IN LIEU OF NEW PLANTINGS WHEN POSSIBLE.

**LANDSCAPING PLAN**  
SCALE: 1" = 10'

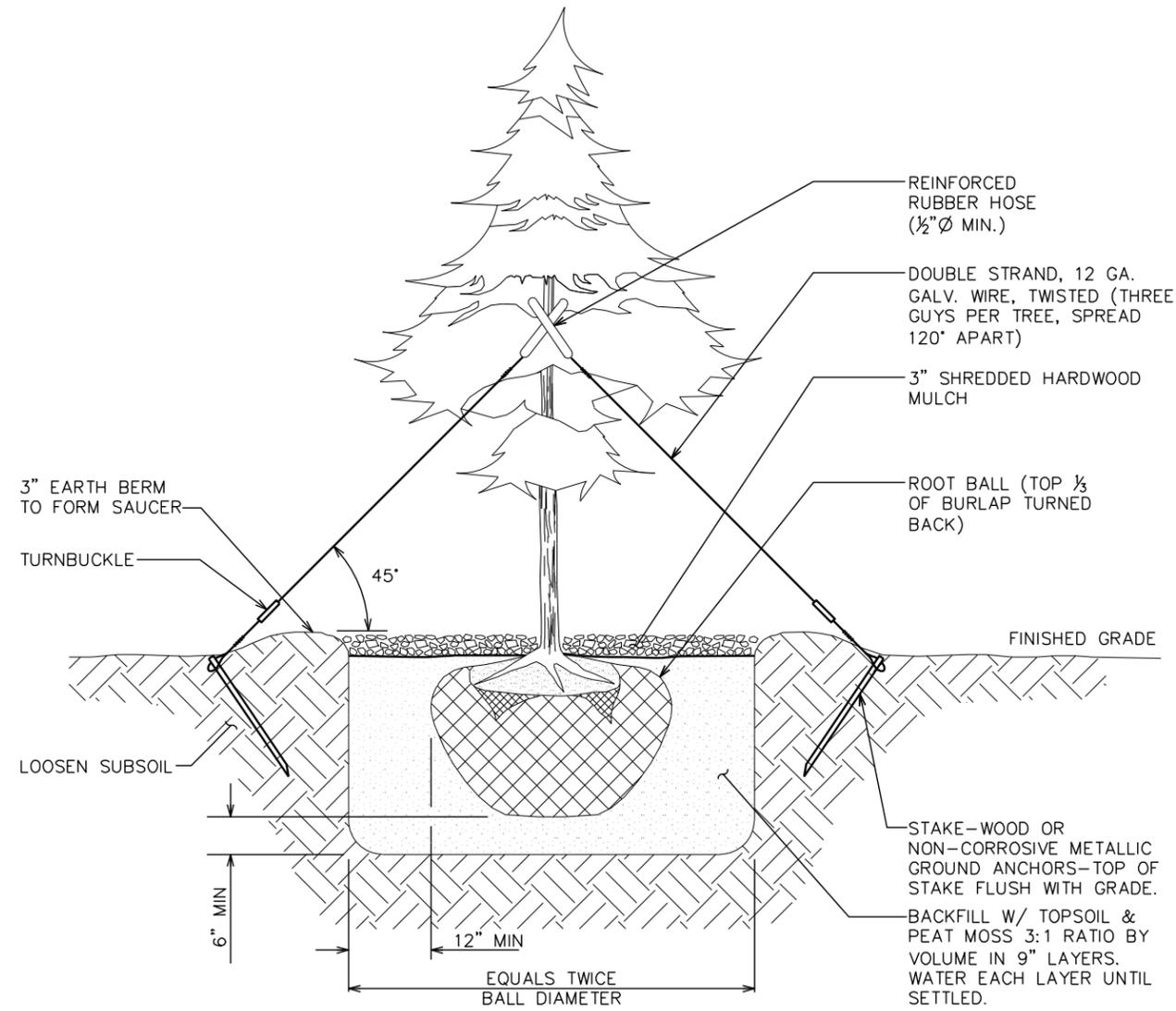


**LANDSCAPE NOTES:**

1. TOPSOIL TO BE PROVIDED BY SITE CONTRACTOR IN ROUGH GRADE TO WITHIN 1" OF FINISH GRADE.
2. EACH PLANT TO BE IN GOOD CONDITION AFTER SHEARING AND PRUNING.
3. EACH PLANT TO BE FREE FROM DISEASE, INSECT INFESTATION, AND MECHANICAL INJURIES, AND IN ALL RESPECTS BE SUITABLE FOR FIELD PLANTING.
4. ALL PLANTS TO BE FULLY GUARANTEED (LABOR AND MATERIALS) FOR A PERIOD OF NOT LESS THAN (1) YEAR FROM DATE OF INSTALLATION.
5. ALL PLANTS SHALL CONFORM TO THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1-1973 IN REGARD TO SIZING, GROWING, AND B&B SPECIFICATIONS.
6. THE CONTRACTOR SHALL PROTECT ALL EXISTING TREES AND SHRUBS WITHIN THE CONSTRUCTION AREA IDENTIFIED AS "TO REMAIN" FROM DAMAGE BY EQUIPMENT AND CONSTRUCTION ACTIVITIES.



**SHRUB PLANTING DETAIL**



**TREE PLANTING DETAIL**

PLANS PREPARED FOR:



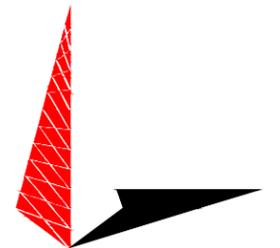
PO BOX 3469, CARY, NC 27519  
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SANFORD**

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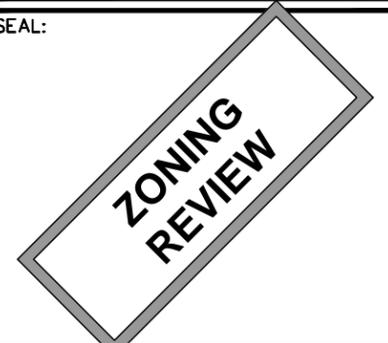
PLANS PREPARED BY:



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SEAL:



3	11-25-19	ZONING
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1	10-30-19	ZONING
0	10-17-19	ZONING
REV	DATE	ISSUED FOR:

DRAWN BY: LKR | CHECKED BY: ANG

SHEET TITLE:

**LANDSCAPING  
DETAILS**

SHEET NUMBER:

**L-2**

REVISION:

**3**

TEP #: 239281

**LANDSCAPING DETAILS**

SCALE: N.T.S.