



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

October 8, 2020

Mr. H. Lawrence Sanderson, Manager  
Warren Realty, LLC  
Post Office Box 1585  
Dunn, North Carolina 28335

**ATTN: MS. Rajul Patel**  
**Tillman Infrastructure, LLC**  
**1875 Old Alabama Road, Suite 1008**  
**Roswell, Georgia 30076**

**SUBJECT: APPLICATION - DRIVEWAY ENTRANCE ONTO**  
**SR 1703 (RED HILL CHURCH ROAD)**  
**PERMIT NUMBER 20-043-048 (Tillman Infrastructure, LLC – Cell Tower Site)**  
**TOWN OF ERWIN - HARNETT COUNTY**

To whom it may concern:

Please find attached for your file a copy of the Driveway Application, which has been properly executed. This Driveway Permit is approved subject to the provisions stated in the Permit Application Agreement and the following special provisions:

- **The encroaching party's construction contractor must submit the NCDOT Workforce Safety Plan for Encroachment Activities: COVID-19 form to the District Engineer prior to construction. Construction within nor access to the right of way shall not commence until such time as the required Workplace Safety plans has been submitted to the District office.**
- **Driveway construction must be completed within one (1) year after the approval date.** This Driveway Permit becomes null and void after that time and the Applicant will be required to reapply for access. Consideration may be given for time extensions on a case by case basis.
- An executed copy of this Permit will be present at the construction site at all times during construction. NCDOT reserves the right to stop all work unless evidence of approval can be shown.
- **Upon completion of the project, an executed North Carolina Department of Transportation Subdivision Road, Driveway Access and Encroachment Installation Contractor Certification Memo shall be returned to the District Engineer's office.**
- **Any change or alteration of the existing or proposed property use shall require a new Driveway Permit. Failure to secure required Permits prior to construction or change in property usage may result in the removal of the driveway at the expense of the Permittee.**

Mailing Address:  
NC DEPARTMENT OF TRANSPORTATION  
DIVISION SIX / DISTRICT TWO  
POST OFFICE BOX 1150  
FAYETTEVILLE, NC 28302

Telephone: (910) 364-0601  
Fax: (910) 437-2529  
Customer Service: 1-877-368-4968

Location:  
600 SOUTHERN AVENUE  
FAYETTEVILLE, NC 28306

Website: [www.ncdot.gov](http://www.ncdot.gov)

- Changes noted in red on the plans shall be incorporated into and made a part of the approved Permit.
- All out parcels or excluded areas shall be served internally, with no additional access onto abutting roadways permitted. This condition should be conveyed in any buy, sell, lease, rent, or subdivision agreement.
- It is the responsibility of the Permittee to provide inspection of the work that is performed on the right of way as a part of this Permit. This work includes, but is not limited to, culvert and drainage structure installation, roadway widening, grading work, pavement structure installation (subgrade, base, and pavement), and traffic marking and marker installation. Please note that the Permittee is also responsible for contacting Mr. Earl C. Locklear, Assistant District Engineer at (910) 364-0601 at least 24 hours prior to beginning construction and prior to "critical events," such as backfilling pipe, installing curb and gutter, and placing asphalt.
- Ingress and egress shall be maintained to all businesses and dwellings affected by the project. Special attention shall be paid to police, EMS and fire stations, fire hydrants, secondary schools, and hospitals.
- Approval of the Driveway Permit does not constitute review or approval of subdivision streets for NCDOT maintenance. If addition of subdivision streets to the State Maintenance System is desired, plans for review and a Petition for Addition shall be submitted to the District Engineer's office. For further information, contact Mr. Christopher L. Jones, Engineering Technician, at (910) 364-0601.
- All materials and construction shall be in accordance with NCDOT Standards and Specifications, including but not limited to, the latest NCDOT *Standard Specifications for Roads and Structures*, the latest NCDOT *Roadway Standards Drawings*, and NCDOT *Policies and Procedures for Accommodating Utilities on Highway Rights of Way*.
- The traveling public shall be warned of construction with complete and proper signing and traffic control devices in accordance with the *current Manual on Uniform Traffic Devices* (MUTCD). No work shall be performed in the right of way unless this requirement is satisfied. NCDOT reserves the right to require a written traffic control plan for encroachment operations. All contractor personnel will be required to wear a class II ANSI approved safety vest while working within DOT rights of way.
- NCDOT does not guarantee the right of way on this road, nor will it be responsible for any claim for damages brought by any property owner by reason of the installation. All right of way and easements necessary for construction and maintenance shall be dedicated to NCDOT and proof of dedication shall be furnished to the District Engineer prior to beginning work.
- Two-way traffic shall be maintained at all times.
- No lane of traffic on SR 1703 (Red Hill Church Road) shall be closed or restricted between the hours of 6:00 a.m. to 9:00 a.m. and 4:00 p.m. to 7:00 p.m., or on Sundays, holidays, special events, or as directed by the Engineer.

- **When personnel and/or equipment are working on the shoulder and within five (5) feet of an open travel lane, close the nearest open travel lane using Standard Drawing No. 1101.02 unless the work area is protected by barrier or guardrail. When personnel and/or equipment are working within a lane of travel of an undivided or divided facility, close the lane according to the traffic control plans, or as directed by the Engineer. Conduct the work so that all personnel and/or equipment remain within the closed travel lane. Do not work simultaneously, on both sides of an open travel way, within the same location, on a two-lane, two-way road. Do not perform work involving heavy equipment within fifteen (15) feet of the edge of travel way when work is being performed behind a lane closure on the opposite side of the travel way. Perform work only when weather and visibility conditions allow safe operations as directed by the Engineer.**
- NCDOT reserves the right to further limit, restrict, or suspend operations within the right of way if, in the opinion of NCDOT, safety or traffic conditions warrant such action.
- Mr. Frank West, Division Traffic Engineer, shall be notified at (910) 364-0606 prior to beginning work on the right of way if there are existing NCDOT signs, traffic signals, or signal equipment in or near the proposed work zone. Costs to relocate, replace, or repair NCDOT signs, signals, or associated equipment shall be the responsibility of the Permittee. Furthermore, any revisions to existing traffic signals or the installation of any new traffic signals shall require a Signal Agreement between the Permittee and the NCDOT. Additional information concerning this subject can be obtained from the Division Traffic Engineer.
- When surface area in excess of one acre will be disturbed, the Permittee shall submit a Sediment and Erosion Control Plan which has been approved by the appropriate regulatory agency or authority prior to beginning any work on the right of way. Failure to provide this information shall be grounds for suspension of operations.
- All erosion control devices and measures shall be constructed, installed, maintained, and removed by the Permittee in accordance with all applicable Federal, State, and Local laws, regulations, ordinances, and policies. All earth areas shall be re-graded and seeded in accordance with current NCDOT Standards and Specifications.
- It shall be the responsibility of the Permittee to determine the location of other utilities within the work zone. The Permittee shall be responsible for notifying other utility owners and providing protection and safeguards to prevent damage or interruption to existing facilities and to maintain accessibility to existing utilities.
- Curb cuts and ramps for handicapped persons shall be constructed in accordance with the current NCDOT "Standard for Wheelchair Ramp Curb Cuts" and the Americans with Disabilities Act (ADA) Accessibility Guidelines for Buildings and Facilities.
- Access granted under this permit shall remain closed (i.e. barricaded) to all traffic until all requirements relating to traffic control and signalization have been satisfied.
- Any proposed landscaping or landscape plantings shall be approved by the Division Engineer under an NCDOT Planting Permit. For further information, please contact Mr. Keith Beverley, Division Roadside Environmental Engineer, at (910) 364-0603.
- Pre-cast concrete manholes, catch basins, or other drainage structures shall be pre-approved by NCDOT for use within highway rights of way.
- Manhole rings and covers, valve covers, and storm drainage grates and frames shall be traffic bearing types approved by NCDOT for use within highway Rights of Way.

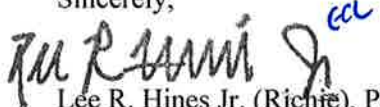
- The proposed driveway shall be paved to the right of way line of SR 1703 (Red Hill Church Road) measured from the edge of existing pavement as shown on the attached plans.
- The proposed driveway connection to SR 1703 (Red Hill Church Road) shall be constructed with 30' ingress, egress, and regress edge of pavement radii and shall provide a minimum of four (4) feet of vegetative shoulder as shown on the attached plans.
- The proposed roadway onto SR 1703 (Red Hill Church Road) shall be constructed with 12' width roadway and shall provide a minimum of four (4) feet of vegetative shoulder as shown on the attached plans.
- The entrance grade shall be constructed in accordance with Figure 6 (attached).
- Pipe, if required, shall be manufactured from reinforced concrete or steel, shall be a minimum diameter of 15 inches, a minimum of 20' in length, and shall be inspected for proper installation prior to backfilling. Contact Mr. Keith Anderson, County Maintenance Engineer, at (910) 893-4020 for inspection. Please provide at least 24 hours advance notice for inspection.
- Any drainage pipe shall be constructed with Division 3 of the latest *NCDOT Standard Specifications for Roads and Structures* and Amendments or Supplementals thereto and shall bear the stamp of approval by the NCDOT Materials and Tests Unit.
- Trenching, bore pits and/or other excavations shall not be left overnight. The contractor shall comply with all OSHA requirements and provide a competent person on site to supervise excavation at all times.
- Excavated areas adjacent to pavement having more than a 2" drop shall be safed up at a 6:1 or flatter slope and designated by appropriate delineation during periods of inactivity, including, but not limited to, night and weekend hours. Excavated material shall not be placed on the roadway at any time.

#### **Pavement Markings, Markers and Signing**

- The Permittee shall be responsible for the removal, relocation, and / or installation of all pavement markings and NCDOT signs within the limits affected by the development. Pavement marking and signing plans shall be submitted to the District Engineer for approval prior to the installation of any signs and/or pavement markings.
- The Permittee has been approved to use NCDOT approved waterborne paint for all pavement markings (edge lines, lane lines and centerlines) on SR 1703 (Red Hill Church Road) and thermoplastic pavement markings for all pavement markings (edge lines, lane lines and centerlines) and non-snowplowable markers on SR 1703 (Red Hill Church Road). (The use of waterborne paint or thermoplastic pavement markings is to be determined according to the location of the site and AADT of the roadway).
- Pavement marking and marker changes shall be accomplished by completely covering the lines by means of asphalt overlaying or by an approved method of grinding. **In no case shall the application of liquid asphalt "tack" be accepted as an approved method for covering pavement markings.**

- All work performed under this section shall meet standards outlined in the current Manual on Uniform Traffic Control Devices (MUTCD) published by the Federal Highway Administration, NCDOT Supplement to the MUTCD, and the latest edition of the NCDOT Roadway Standard Drawings.
- The pavement marking contractor is required to have at least one member of every pavement marking crew that is working on the project, preferably the Crew Supervisor, be certified through the NCDOT Pavement Marking Technician Certification Process. For more information please contact the **Work Zone Traffic Control Unit** at (919) 773-2800 or <http://www.ncdot.org/doh/preconstruct/wztc/>”
- Prior to installing pavement markings, please contact Mr. Frank West, Division Traffic Engineer, shall be notified at (910) 364-0606 with the NCDOT Division Six Traffic Services Unit to review the proposed pavement-marking layout. This notification should take place a minimum of 48 hours in advance of the pavement marking installation.
- Failure to contact the Traffic Services Unit to review the pavement-marking layout prior to installation may result in the removal and reinstallation of the markings at the expense of the Permittee.

If additional information is required, please contact Mr. Lee R. Hines Jr., (Richie), PE, District Engineer, at (910) 364-0601.

Sincerely,  
  
Lee R. Hines Jr. (Richie), PE  
District Engineer

LRH:ecl

cc: Mr. Snow Bowden, Town Manager, Town of Erwin  
<https://connect.ncdot.gov/site/files/road-file/Pages/myroadFiles.aspx>

<b>APPLICATION IDENTIFICATION</b>		<b>N.C. DEPARTMENT OF TRANSPORTATION STREET AND DRIVEWAY ACCESS PERMIT APPLICATION</b>
Driveway Permit No.	Date of Application: <u>SEPTEMBER 9, 2020</u>	
County: <u>HARNETT COUNTY, NC</u>		
Development Name: <u>TILLMAN INFRASTRUCTURE, LLC</u>		

**LOCATION OF PROPERTY:**

Route/Road: RED HILL CHURCH ROAD - SR 1703

Exact Distance 800  Miles  Feet

N  S  E  W  
 N  S  E  W

From the Intersection of Route No. 66 HWY 421 and Route No. RED HILL CHURCH RD. Toward NC HWY 27

Property Will Be Used For:  Residential /Subdivision  Commercial  Educational Facilities  TND  Emergency Services  Other

Property:  is  is not within TOWN OF ERWIN City Zoning Area.

**AGREEMENT**

- I, the undersigned property owner, request access and permission to construct driveway(s) or street(s) on public right-of-way at the above location.
- I agree to construct and maintain driveway(s) or street entrance(s) in absolute conformance with the current "Policy on Street and Driveway Access to North Carolina Highways" as adopted by the North Carolina Department of Transportation.
- I agree that no signs or objects will be placed on or over the public right-of-way other than those approved by NCDOT.
- I agree that the driveway(s) or street(s) will be constructed as shown on the attached plans.
- I agree that that driveway(s) or street(s) as used in this agreement include any approach tapers, storage lanes or speed change lanes as deemed necessary.
- I agree that if any future improvements to the roadway become necessary, the portion of driveway(s) or street(s) located on public right-of-way will be considered the property of the North Carolina Department of Transportation, and I will not be entitled to reimbursement or have any claim for present expenditures for driveway or street construction.
- I agree that this permit becomes void if construction of driveway(s) or street(s) is not completed within the time specified by the "Policy on Street and Driveway Access to North Carolina Highways".
- I agree to pay a \$50 construction inspection fee. Make checks payable to NCDOT. This fee will be reimbursed if application is denied.
- I agree to construct and maintain the driveway(s) or street(s) in a safe manner so as not to interfere with or endanger the public travel.
- I agree to provide during construction proper signs, signal lights, flaggers and other warning devices for the protection of traffic in conformance with the current "Manual on Uniform Traffic Control Devices for Streets and Highways" and Amendments or Supplements thereto. Information as to the above rules and regulations may be obtained from the District Engineer.
- I agree to indemnify and save harmless the North Carolina Department of Transportation from all damages and claims for damage that may arise by reason of this construction.
- I agree that the North Carolina Department of Transportation will assume no responsibility for any damages that may be caused to such facilities, within the highway right-of-way limits, in carrying out its construction.
- I agree to provide a Performance and Indemnity Bond in the amount specified by the Division of Highways for any construction proposed on the State Highway system.
- The granting of this permit is subject to the regulatory powers of the NC Department of Transportation as provided by law and as set forth in the N.C. Policy on Driveways and shall not be construed as a contract access point.
- I AGREE TO NOTIFY THE DISTRICT ENGINEER WHEN THE PROPOSED WORK BEGINS AND WHEN IT IS COMPLETED.

**RECEIVED**

SEP 25 2020

**DIVISION 6-DISTRICT 2**

**SIGNATURES OF APPLICANT**

PROPERTY OWNER (APPLICANT)		WITNESS	
COMPANY	Warren Realty LLC	NAME	Marcy Carter
SIGNATURE	<i>[Signature]</i>	SIGNATURE	<i>[Signature]</i>
ADDRESS	P.O. Box 1585 - 1841 US Hwy 301 N Dunn, NC 28335 Phone No. (919) 820-2869	ADDRESS	1841 US Hwy 301 N Dunn, NC 28334

AUTHORIZED AGENT		WITNESS	
COMPANY	TILLMAN INFRASTRUCTURE, LLC	NAME	BIPIN B PATEL
SIGNATURE	<i>[Signature]</i> (RAJUL PATEL)	SIGNATURE	<i>[Signature]</i>
ADDRESS	1875 OLD ALABAMA RD., SUITE 1008 ROSWELL, GA Phone No. 512-554-5913	ADDRESS	1875 OLD ALABAMA RD, SUITE 1008 ROSWELL, GA

**APPROVALS**

APPLICATION RECEIVED BY DISTRICT ENGINEER

SIGNATURE

DATE

APPLICATION APPROVED BY LOCAL GOVERNMENTAL AUTHORITY (when required)

<i>[Signature]</i>	Town manager	10/7/2020
SIGNATURE	TITLE	DATE

APPLICATION APPROVED BY DISTRICT ENGINEER

<i>[Signature]</i>	DE	10-8-2020
SIGNATURE	TITLE	DATE

INSPECTION BY NCDOT

SIGNATURE

TITLE

DATE

COMMENTS:

Town of Ewin - NO address per Harnett County GIS records. Public hearing is scheduled for NOV. 5th, 2020 to hear this case. This town will require a conditional use permit.

## TRAFFIC CONTROL AND WORK ZONE SAFETY

The Contractor shall maintain traffic during construction and provide, install, and maintain all traffic control devices in accordance with these project guidelines, the Project Special Provisions, North Carolina Department of Transportation Standard Specifications for Roads and Structures 2018, and the current edition of the Manual of Uniform Traffic Control Devices (MUTCD).

The Contractor shall utilize complete and proper traffic controls and traffic control devices during all operations. All traffic control and traffic control devices required for any operation shall be functional and in place prior to the commencement of that operation. Signs for temporary operations shall be removed during periods of inactivity. The Contractor is required to leave the project in a manner that will be safe to the traveling public and which will not impede motorists.

Traffic movements through lane closures on roads with two way traffic shall be controlled by flaggers stationed at each end of the work zone. In situations where sight distance is limited, the Contractor shall provide additional means of controlling traffic, including, but not limited to, two-way radios, pilot vehicles, or additional flaggers. Flaggers shall be competent personnel, adequately trained in flagging procedures, and furnished with proper safety devices and equipment, including, but not limited to, safety vests and stop/slow paddles.

All personnel when working in traffic areas or areas in close proximity to traffic shall wear an approved safety vest, or shirt or jacket which meets the color requirements of the Manual of Uniform Traffic Control Devices (MUTCD).

The Contractor shall comply with all applicable Federal, State, and local laws, ordinances, and regulations governing safety, health, and sanitation, and shall provide all safeguards, safety devices, and protective equipment, and shall take any other needed actions, on his own responsibility that are reasonably necessary to protect the life and health of employees on the job and the safety of the public, and to protect property in connection with the performance of the work covered by the contract.

Failure to comply with any of the requirements for safety and traffic control of this contract shall result in suspension of work as provided in subarticle 108-7(2) of the Standard Specifications.



## SPECIFICATIONS FOR EROSION CONTROL

The Contractor shall seed all disturbed areas as directed by the Engineer, in accordance with Section 1660 of the Standard Specifications. Seeding and mulching shall immediately follow shoulder construction operations and in no case shall shoulder construction operations exceed seeding and mulching operations by more than two weeks without written permission of the Engineer. Failure to meet this requirement shall be cause to cease all operations until it can be met.

### Seeding and Mulching: (East)

The kinds of seed and fertilizer, and the rates of application of seed, fertilizer, and limestone, shall be as stated below. During periods of overlapping dates, the kind of seed to be used shall be determined by the Engineer. All rates are in pounds per acre.

The kinds of seed and fertilizer, and the rates of application of seed, fertilizer, and limestone, shall be as stated below. During periods of overlapping dates, the kind of seed to be used shall be determined. All rates are in pounds per acre.

#### All Roadway Areas

March 1 - August 31		September 1 - February 28	
50#	Tall Fescue	50#	Tall Fescue
10#	Centipede	10#	Centipede
25#	Bermudagrass (hulled)	35#	Bermudagrass (unhulled)
500#	Fertilizer	500#	Fertilizer
4000#	Limestone	4000#	Limestone

#### Waste and Borrow Locations

March 1 - August 31		September 1 - February 28	
75#	Tall Fescue	75#	Tall Fescue
25#	Bermudagrass (hulled)	35#	Bermudagrass (unhulled)
500#	Fertilizer	500#	Fertilizer
4000#	Limestone	4000#	Limestone

Note: 50# of Bahiagrass may be substituted for either Centipede or Bermudagrass only upon Engineer's request.

#### Approved Tall Fescue Cultivars

2 <sup>nd</sup> Millennium	Duster	Magellan	Rendition
Avenger	Endeavor	Masterpiece	Scorpion
Barlexas	Escalade	Matador	Shelby
Barlexas II	Falcon II, III, IV & V	Matador GT	Signia
Barrera	Fidelity	Millennium	Silverstar
Barrington	Finesse II	Montauk	Southern Choice II
Biltmore	Firebird	Mustang 3	Stetson
Bingo	Focus	Olympic Gold	Tarheel
Bravo	Grande II	Padre	Titan Ltd
Cayenne	Greenkeeper	Paraiso	Titanium
Chapel Hill	Greystone	Picasso	Tomahawk
Chesapeake	Inferno	Piedmont	Tacer
Constitution	Justice	Pure Gold	Trooper
Chipper	Jaguar 3	Prospect	Turbo
Coronado	Kalahari	Quest	Ultimate
Coyote	Kentucky 31	Rebel Exeda	Watchdog
Davinci	Kitty Hawk	Rebel Sentry	Wolfpack
Dynasty	Kitty Hawk 2000	Regiment II	
Dominion	Lexington	Rembrandt	

On cut and fill slopes 2:1 or steeper Centipede shall be applied at the rate of 5 pounds per acre and add 20# of Sericea Lespedeza from January 1 - December 31.

Fertilizer shall be 10-20-20 analysis. A different analysis of fertilizer may be used provided the 1-2-2 ratio is maintained and the rate of application adjusted to provide the same amount of plant food as a 10-20-20 analysis and as directed.

All areas seeded and mulched shall be tacked with asphalt. Crimping of straw in lieu of asphalt tack shall not be allowed on this project.

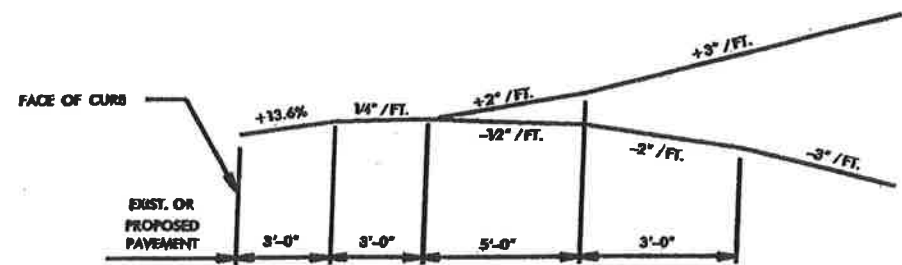
#### CRIMPING STRAW MULCH

Crimping shall be required on this project adjacent to any section of roadway where traffic is to be maintained or allowed during construction. In areas within six feet of the edge of pavement, straw is to be applied and then crimped. After the crimping operation is complete, an additional application of straw shall be applied and immediately tacked with a sufficient amount of undiluted emulsified asphalt.

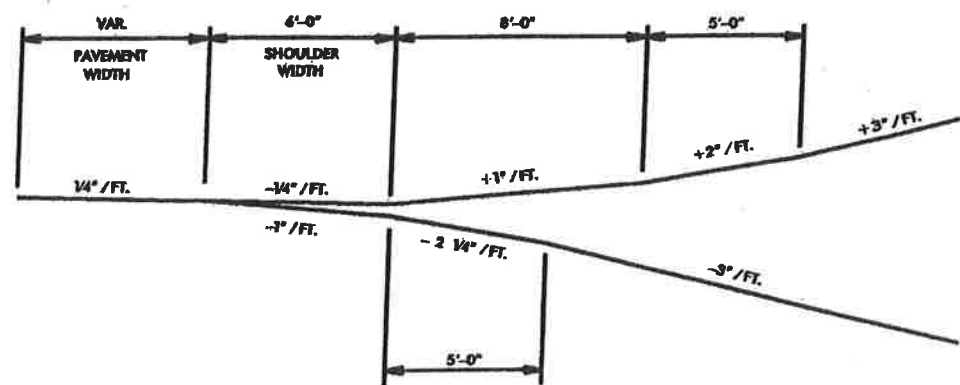
Straw mulch shall be of sufficient length and quality to withstand the crimping operation.

Crimping equipment including power source shall be subject to the approval of the Engineer providing that maximum spacing of crimper blades shall not exceed 8".

**Within seven (7) calendar days to fourteen (14) calendar days of completion of any phase of grading, all disturbed areas shall be planted or otherwise provided with temporary or permanent ground cover, devices, or structures sufficient to restrain erosion. The Erosion and Sediment Control plan will identify the areas that require seven (7) and/or fourteen (14) calendar day ground stabilization. The Contractor is herein advised to follow all current regulations set forth by the North Carolina Department of Environment and Natural Resources (NCDENR) Division of Water Quality (DWQ) as defined in the *General Stormwater Permit for Construction Activities NCG-010000*.**



A. CURB & GUTTER SECTION



B. SHOULDER SECTION

FIGURE 6

DRIVEWAY TURNOUT GRADES

**North Carolina Department of Transportation  
Subdivision Road Construct, Driveway Access, and Encroachment Installation  
Contractor Certification Memo**

\_\_\_\_\_  
(Date)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(District Engineer Name & Address)

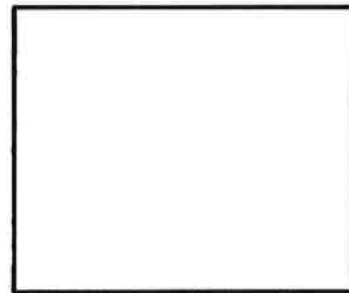
RE: CONSTRUCTION CERTIFICATION  
County: \_\_\_\_\_  
Driveway Permit #: \_\_\_\_\_  
and/or Subdivision I.D. #: \_\_\_\_\_  
and/or Encroachment #: \_\_\_\_\_  
Recording Information (if applicable): \_\_\_\_\_  
Route(s) and/or Street(s): \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Project Name/Phase/Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I, \_\_\_\_\_, have reviewed the construction within the right-of-way and/or easements required under subject project(s) for the above development and in accordance with the design drawings approved by the North Carolina Department of Transportation (NCDOT) on the following dates:

Driveway Permit #: \_\_\_\_\_ Date: \_\_\_\_\_  
and/or Subdivision I.D. #: \_\_\_\_\_ Date: \_\_\_\_\_  
and/or Encroachment #: \_\_\_\_\_ Date: \_\_\_\_\_

My inspection and attached testing report(s) and/or supporting documentation indicate the construction within the right-of-way and/or easements have been constructed in accordance with the standards established by current NCDOT Standard Specifications for Roads and Structures, and with the approved plans.

Name: \_\_\_\_\_  
NC PE #: \_\_\_\_\_  
Signature: \_\_\_\_\_



**SEAL**

Received by NCDOT: \_\_\_\_\_

# WORKFORCE SAFETY PLAN

## FOR ENCROACHMENT ACTIVITIES: COVID-19

*EFFORTS THE N.C. TRANSPORTATION INDUSTRY IS TAKING TO STOP THE SPREAD OF COVID-19*

The North Carolina Department of Transportation (NCDOT) and their partners expect all parties involved in the delivery of transportation projects to abide by the guidelines issued from the Centers for Disease Control and Prevention (CDC) and the North Carolina Department of Health and Human Services (NCDHHS).

Response to COVID-19 is rapidly evolving; new information and guidelines may be issued from the CDC, NCDHHS, or other state or federal agencies. NCDOT and their partners should review the current CDC and NCDHHS guidance, including the resources listed at the end of this document, for up-to-date information on how to respond to COVID-19. Additional guidelines may be issued by state or federal agencies that should be followed in addition to the guidance included in this document.

Though certain Americans with Disabilities Act (ADA) requirements have been relaxed in response to the pandemic, employers must still maintain all information about employee illness as a confidential medical record in compliance with the ADA. If an employee is suspected of having or tests positive for COVID-19, it is essential that management keep the identity of the employee and details related to the employee's health confidential.

Below are precautions required by NCDOT and from encroaching parties and their contractors performing construction within NCDOT Rights of Way. The term employee refers to any person on a job site within NCDOT right of way for the purpose of constructing or inspecting the work related to construction of a facility under an approved encroachment agreement and where that employee may or may not be under employment by or under contract to NCDOT.

### EMPLOYEE WELLNESS

- If an employee has not yet reported to work and develops any COVID-19 symptoms (i.e. fever, coughing, or shortness of breath) — STAY HOME and immediately:
  - Call a health care provider
  - Self-Isolate
  - Communicate with your supervisor
  - Remain calm and follow all instructions from your health care provider
- Employees who appear to have acute respiratory illness symptoms (i.e. cough, shortness of breath) upon arrival to work, or become sick during the day, should be separated from others and sent home immediately. The potentially affected employees should immediately follow the steps outlined above, which includes immediately contacting a health care provider.
- Should an employee show symptoms of acute respiratory illness or be diagnosed with COVID-19, all other employees who have worked in close proximity to the affected employee during the last 14

days and all encroachment points of contact indicated at the end of this plan should be notified of potential exposure to the disease without identifying the affected employee.

- Consideration should be given to employees at “High Risk” of severe illness from COVID-19, who, per NCDHHS, include employees:
  - Over 65 years of age, **OR**
  - With underlying health conditions including heart disease, lung disease, or diabetes, **OR**
  - With weakened immune system
- “High Risk” Employees should be given the opportunity to discuss alternate work arrangements/duties with their employer or take leave according to their company policies.
- For guidance on confirmed positive tests for COVID-19, refer to the most recent version of the “COVID-19 Guidance for Employees on Encroachment Job Sites within NCDOT Right of Way” located on last page of this plan.

#### PERSONAL HYGIENE

- Clean hands often by washing with soap and water for 20 seconds. If soap and water are not available and hands are not visibly dirty, an alcohol-based hand sanitizer that contains 60%-95% alcohol may be used.
- Avoid touching your eyes, nose, mouth, or other parts of your face.
- Do not breathe, cough, or sneeze on another person or into the open air. Employees should cover their noses and mouth with a tissue when coughing or sneezing (or an elbow or shoulder if no tissue is available).
- A facemask for covering nose and mouth is encouraged on the job site.
- Appropriate gloves are encouraged while performing functions of the job.

#### CLEANING/DISINFECTING

- Wash stations and/or hand sanitizer are encouraged on each project site.
- Appropriate cleaning staff should clean frequently touched surfaces and objects with disinfectants at a minimum of once per day.
  - Office/buildings: door knobs, light switches, phones, computers/keyboards, copy machines, elevator buttons, toilets, faucets, sinks, countertops, paper towel dispensers, desktops, handrails, folders, vending machines, counters, tables, cabinets/knobs, etc.
  - Shop Yard/Jobsite: vehicle/equipment door handles, keys, gear shifts, steering wheel/operator controls and levers, fuel pump dispensers, touch points on machinery, etc.
  - Electronic equipment: cell phones, computers, keyboards, etc.
- Appropriate cleaning staff should sanitize/disinfect facilities and work areas after persons suspected/confirmed to have COVID-19 have been in the facility or work area.

- It is recommended to close off access to areas used by the ill persons and wait as long as practical, 24 hours if possible, before beginning cleaning and disinfection to minimize potential for exposure to respiratory droplets. Open outside doors and windows to increase air circulation in the area if possible.
- Appropriate cleaning staff should clean and disinfect all areas used by the ill persons, focusing especially on frequently touched surfaces.

**GENERAL**

- Increase communication measures between all parties regarding schedule, daily activities, etc. to reduce/minimize worker exposure in accordance with but not limited to the requirements below.
- Minimize on-site personnel such as subcontractors, work crews, QC personnel, and inspection staff to those required for that day's activities. If work is postponed or cancelled, immediately notify appropriate parties.
- Practice "Social Distancing" whenever feasible. Social Distancing is designed to limit the spread of a disease by reducing the opportunities for close contact between people. All personnel have the responsibility to remind each other to stay 6 feet or more apart. Examples of Social Distancing include:
  - Reducing face-to-face exposure by using conference calls and video conferencing
    - If an in-person meeting is absolutely required and cannot be rescheduled or attended remotely, the meeting is limited to a maximum of 10 people while maintaining Social Distancing of 6 feet or more.
  - Avoiding unnecessary travel
- Do not congregate at lunch or breaks. Bringing your lunch is encouraged.
- No communal coolers or drink stations are allowed. Supervisors should confirm with employees prior to beginning work for appropriate hydration and nutrition availability to employees for the duration of the employee's shift and without direct contact with others on the job site.
- First line of communication should be by phone, rather than in-person.
- Do not shake hands.
- Do not share iPads, tablets, pens, or clipboards for signing or any other purpose. Take pictures as proof of attendance at meetings.
- Sharing of Personal Protective Equipment (PPE) is strictly prohibited.
- Vehicles, equipment, and tools
  - Limit the number of people riding in a vehicle together.
  - Wipe down and disinfect vehicles after each trip.
  - As much as possible, do not share tools or equipment. If a tool or piece of equipment must be shared, the parts of it that are touched should be sanitized between uses.

**RETURN TO WORK**

- The following criteria must be followed for an employee who is tested for Covid-19, or asked to self-quarantine by health officials, or has contact with another employee with a positive test result to return to work:
  - at least a 14-day quarantine; **OR**
  - release by a health care provider.
- In accordance with CDC guidance, the following criteria must be followed for an employee with a positive test result to return to work:
  - at least 14 days from positive test notification; **AND**
  - at least 3 days (72 hours) have passed since recovery defined as resolution of fever without the use of fever-reducing medications and improvement in respiratory symptoms (e.g., cough, shortness of breath); **AND**
  - at least 7 days have passed since symptoms first appeared.

NCDOT may require certification of fitness to work from a health care provider.

**ADDITIONAL RESOURCES**

NCDOT and their partners should review the CDC and NCDHHS resources listed below for up-to-date information on how to respond to COVID-19. Additional guidelines may be issued by state or federal agencies that should be followed in addition to the guidelines included in this document.

- NCDHHS COVID-19 Resources:
  - <https://www.ncdhhs.gov/divisions/public-health/coronavirus-disease-2019-covid-19-response-north-carolina>
- NCOSHR Communicable Disease Emergency Policy
  - <https://oshr.nc.gov/policies-forms/workplace-wellness/communicable-disease-emergency>
- OSHA Guidance on Preparing Workplaces for COVID-19
  - <https://www.osha.gov/Publications/OSHA3990.pdf>
- CDC COVID-19 Resources:
  - <https://www.cdc.gov/coronavirus/2019-ncov/index.html>

**AGREEMENT**

The encroaching party shall adhere to the requirements of this plan in order to continue work under their approved encroachment agreement. Violations to this plan could result in the violating entity not being allowed to continue work or all work ceasing as determined by the NCDOT District Engineer or Resident Engineer.

**PROJECT POINTS OF CONTACT**

**NCDOT**  
DocuSigned by:  
**Name:** Earl C. Locklear  
FB657E975FB44A7  
**Phone #:** 910-364-0601

**Encroaching Party (Primary Contact)**

**Name:** \_\_\_\_\_  
**Phone #:** \_\_\_\_\_

**Primary Contractor to Encroaching Party  
(Point of Contact)**

**Name:** \_\_\_\_\_  
**Phone #:** \_\_\_\_\_



COVID-19 Guidance for Employees on Encroachment Job sites within NCDOT Right of Way			
CONTACT GROUP			
Relationship to Confirmed POSITIVE Test	What YOU Should Do	What your CREW Should Do <i>Exposure within 6' and longer than 10 minutes</i>	What PROJECT SITE Personnel Should Do <i>No exposure within 6' and longer than 10 minutes</i>
Employee	<p>Notify your supervisor</p> <p>Self-quarantine for 14 days</p>	<p>Advise of POSITIVE test without identifying the affected employee*</p> <p>Directly exposed crew self-quarantine for 14 days</p> <p>Continue hygiene &amp; disinfecting measures</p>	<p>Advise of POSITIVE test without identifying the affected employee*</p> <p>Site personnel without direct contact may continue onsite work or follow their company policy</p> <p>Continue hygiene &amp; disinfecting measures</p>
Direct Contact <i>Interaction with an infected person within 6' and longer than 10 minutes</i>	<p>Self-quarantine for 14 days</p>	<p>Advise of POSITIVE test without identifying the affected employee*</p> <p>Crew may continue onsite work or follow their company policy</p> <p>Continue hygiene &amp; disinfecting measures</p>	<p>Advise of POSITIVE test*</p> <p>Continue hygiene &amp; disinfecting measures</p>
Secondary Contact	<p>You may continue onsite work or follow your company policy</p> <p>Continue hygiene &amp; disinfecting measures</p>	<p>Continue hygiene &amp; disinfecting measures</p>	<p>Continue hygiene &amp; disinfecting measures</p>
Two or more Persons Removed from Contact	<p>Continue hygiene &amp; disinfecting measures</p>	<p>Continue hygiene &amp; disinfecting measures</p>	<p>Continue hygiene &amp; disinfecting measures</p>
*Notification Protocol <i>(Comply with HIPAA &amp; ADA confidentiality requirements)</i>	NCDOT employee / agent tests POSITIVE	NCDOT District Engineer/Resident Engineer notifies Encroaching Party's primary point of contact and Contractor Point of Contact, CDC and, if Resident Engineer has oversight for the job site, FHWA any Consultant Firms working for NCDOT Encroaching party representative notifies other Contractors, Sub-Contractors and Suppliers with exposed Employees	
	Encroaching Party or Contract crew member on job site tests POSITIVE	Encroaching party representative or Contractor point of contact notifies appropriate NCDOT District Engineer or Resident Engineer and all other Contractors, Sub-Contractors and Suppliers with exposed Employees NCDOT notifies CDC, and as appropriate, FHWA and any Consultant Firms working for NCDOT	

**BUILDING CODES**

- INTERNATIONAL BUILDING CODE -2012 EDITION
- INTERNATIONAL ENERGY CONSERVATION - 2012 EDITION
- INTERNATIONAL FIRE PREVENTION - 2012 EDITION
- INTERNATIONAL FUEL GAS CODE -2012 EDITION
- INTERNATIONAL MECHANICAL CODE -2012 EDITION
- INTERNATIONAL PLUMBING CODE -2012 EDITION
- INTERNATIONAL ELECTRICAL CODE -2014 EDITION

**NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DRIVEWAY PERMIT APPROVED**

BY: [Signature]

DATE: 10-12-2020

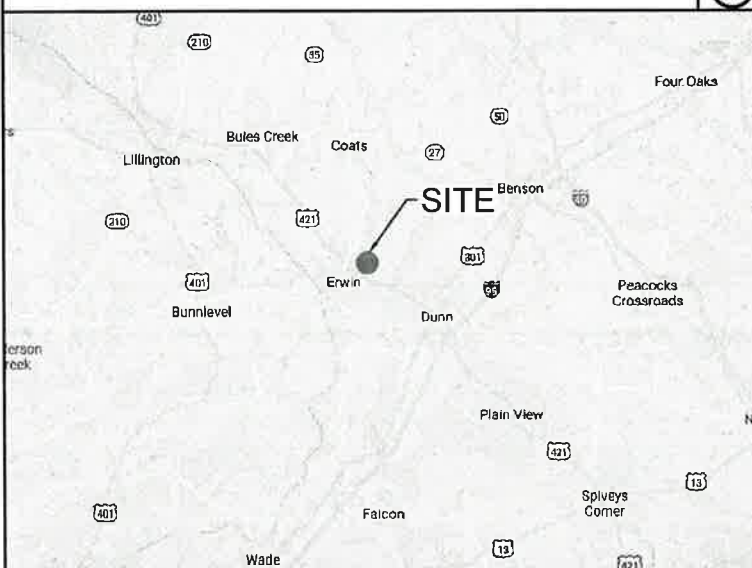
**HANDICAP REQUIREMENTS**

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAP ACCESS IS NOT REQUIRED

**PLUMBING REQUIREMENTS**

FACILITY HAS NO SANITARY OR POTABLE WATER.

**VICINITY MAP**



**LOCATION MAP**



**RAWLAND CONSTRUCTION DRAWINGS**

191'-0" MONOPOLE

SITE NAME  
**RED HILL CHURCH (14637878)**

SITE ID  
**TI-OPP-16496**

SITE COORDINATES

**(35.331553, -78.659606)**

SITE ADDRESS

**201 RED HILL CHURCH ROAD  
ERWIN, NC 28339**



**FLOOD PLAIN NOTE**

PER THE FEMA FLOODPLAIN MAPS, THE SITE IS LOCATED IN AN AREA DESIGNATED AS ZONE X (AREA OF MINIMAL FLOOD HAZARD). COMMUNITY PANEL NO.: 3720150800J DATED: 10/03/2006

**ANY PARCELS OR EXCLUDED AREAS ARE TO BE SERVED INTERNALLY WITH NO ACCESS ONTO DEPARTMENTAL RIGHT OF WAY**

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GN2	GENERAL NOTES	A
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RF-7	RFDS (BY OTHERS)	A
RF-8	RFDS (BY OTHERS)	A
RF-9	RFDS (BY OTHERS)	A
RF-10	RFDS (BY OTHERS)	A
RF-11	RFDS (BY OTHERS)	A
RF-12	RFDS (BY OTHERS)	A
RF-13	RFDS (BY OTHERS)	A
RF-14	RFDS (BY OTHERS)	A
T&F-1	TOWER AND FOUNDATION DESIGN (BY OTHERS)	A

**PROJECT SUMMARY**

TYPE OF OCCUPANCY: TELECOMMUNICATIONS  
 SITE TYPE: RAWLAND  
 TOWER TYPE: MONOPOLE  
 LATITUDE: N  
 LONGITUDE: W  
 JURISDICTION: TOWN OF ERWIN  
 COUNTY: HARNETT COUNTY  
 DEED BOOK & PAGE: 2102, PAGE 726  
 PARCEL ID: 1507-15-5729.000  
 1507-15-5409.000  
 1507-15-5219.000  
 ZONED: M1 (INDUTRIAL), R10 (RESIDENTIAL) & B2 (HIGHWAY BUSINESS)

**CONTACTS**

LAND OWNER: WARREN REALTY, LLC  
 127 RED HILL CHURCH ROAD  
 DUNN, NC 28334  
 TOWER OWNER: TILLMAN INFRASTRUCTURE, LLC  
 20 MANSELL COURT, SUITE 375  
 ROSWELL, GA 30076  
 ENGINEER: ALPINE ENGINEERING OF GEORGIA, PLLC  
 3876 DUNDEE DRIVE NE,  
 ROSWELL, GA 30075  
 NC COA #P-1936  
 MUNICIPALITY: TOWN OF ERWIN  
 100 WEST F STREET  
 PO BOX 459  
 ERWIN, NC 28339  
 POWER COMPANY: DUKE ENERGY PROCESS  
 TELCO COMPANY: AT&T

**SITE DIRECTIONS**

FROM 20 MANSELL COURT, SUITE 375 ROSWELL, GA 30076  
 TAKE GA-400 S/US-19 S IN ROSWELL FROM WARSAW ROAD AND HOLCOMB BRIDGE ROAD 2.0 MI. FOLLOW NC-55 W/US-421 N TO ERWIN ACCESS ROAD IN DUKE 4.6 MI.  
 FOLLOW I-20 E AND I-95 N TO NC-55 W/US-421 N/ E CUMBERLAND STREET IN DUNN. TAKE EXIT 73 FROM I-95 N 414 MI. THE SITE IS ON THE LEFT.

**ONLY NORTH CAROLINA DEPARTMENT OF TRANSPORTATION APPROVED STRUCTURES ARE TO BE CONSTRUCTED ON PUBLIC RIGHT OF WAY.**

PREPARED FOR:



A&E FIRM:



1875 OLD ALABAMA ROAD, SUITE 1008  
 ROSWELL, GA 30076  
 TEL: 678-990-2338 FAX: 678-990-2342

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

PROJECT INFORMATION:

**RED HILL CHURCH  
 14637878  
 TI-OPP-16496  
 201 RED HILL CHURCH ROAD  
 ERWIN, NC 28339**

DRAWN BY: SJH  
 CHECKED BY: KIA  
 APPROVED BY: MEW

**REVISIONS**

REV.	DATE	DESCRIPTION
A	08/26/20	ISSUED FOR PERMITTING

**ISSUED FOR**



**PERMITTING**

SHEET TITLE:  
**COVER SHEET**

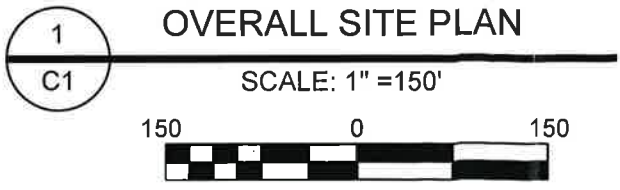
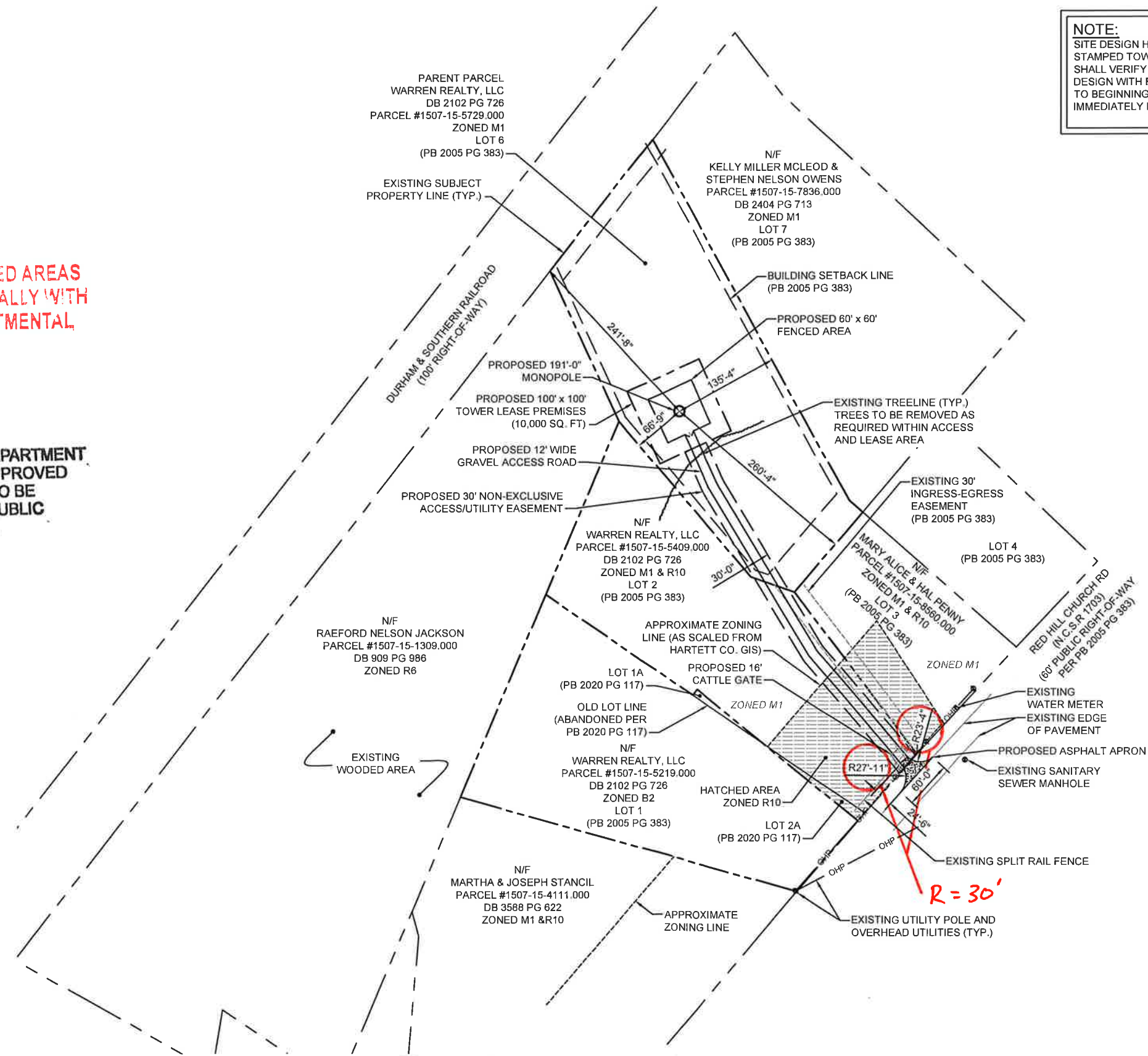
SHEET #: **T1** REVISION: **A**

TOWER SETBACKS TO PROPERTY LINES (FROM TOWER CENTER)	
NORTH	241'-8"
SOUTH	260'-4"
EAST	135'-4"
WEST	66'-9"

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**NOTE:**  
 SITE DESIGN HAS NOT BEEN COORDINATED WITH FINAL STAMPED TOWER FABRICATION DRAWINGS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ANGLES ON THIS SITE DESIGN WITH FINAL STAMPED TOWER DRAWINGS PRIOR TO BEGINNING CONSTRUCTION. NOTIFY ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE DISCOVERED.



**SURVEY NOTE:**  
 1. TILLMAN INFRASTRUCTURE STAFF SHALL COORDINATE WITH THE PROPERTY OWNER TO OBTAIN THE PROPER EASEMENT AGREEMENTS TO CONSTRUCT AND MAINTAIN EQUIPMENT IN AND AROUND THE TOWER COMPOUND.  
 2. PROPOSED COMPOUND LAYOUT BASED ON SURVEY PROVIDED BY POINT TO POINT LAND SURVEYORS DATED 06/30/2020 AND SITE VISIT ON 05/05/2020.

PREPARED FOR:  
**TILLMAN INFRASTRUCTURE**

A&E FIRM:  
**towersource**  
 1875 OLD ALABAMA ROAD, SUITE 1008  
 ROSWELL, GA 30076  
 TEL: 678-990-2338 FAX: 678-990-2342

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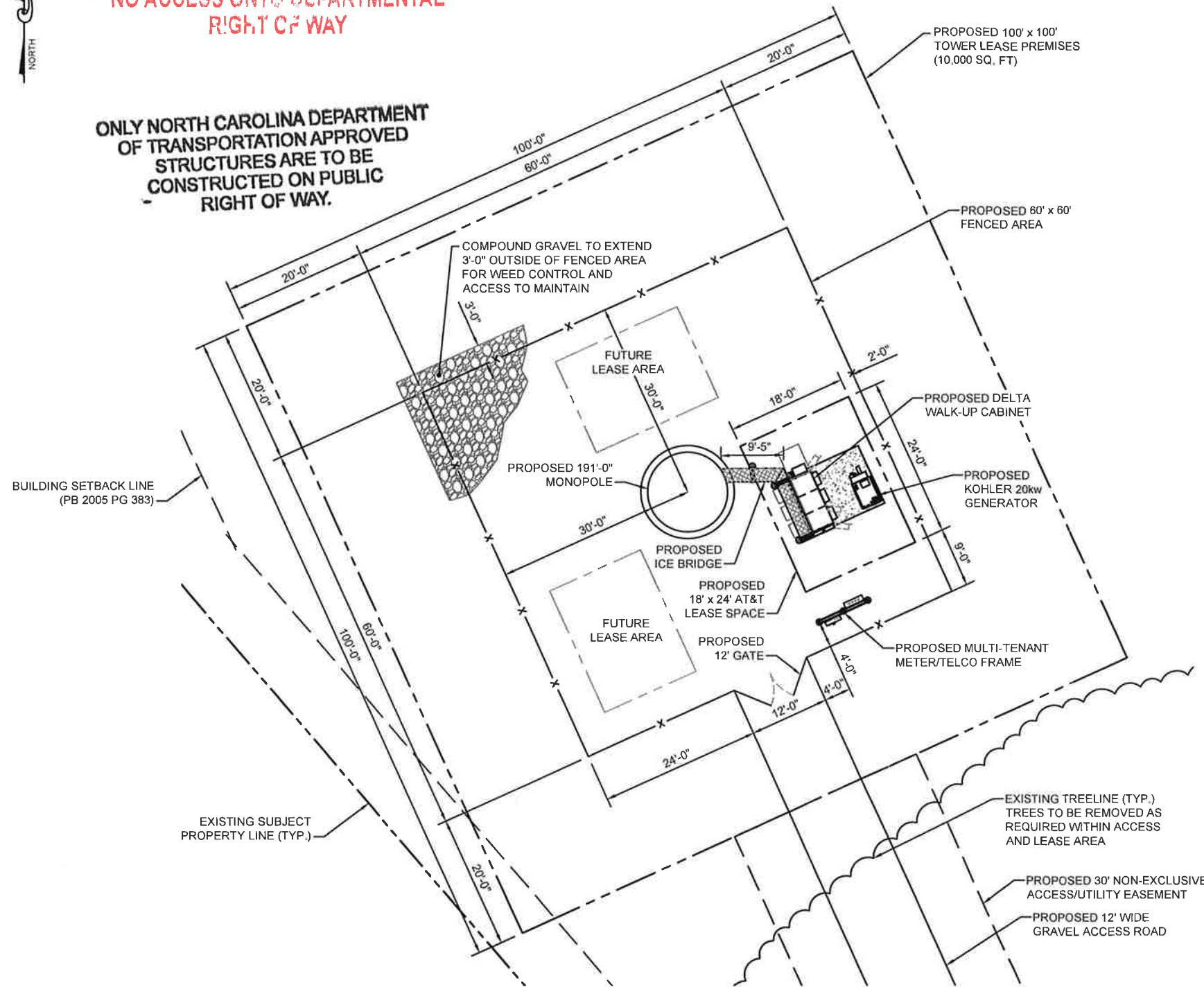
SHEET TITLE:  
**OVERALL SITE PLAN**

SHEET #:	REVISION:
<b>C1</b>	<b>A</b>



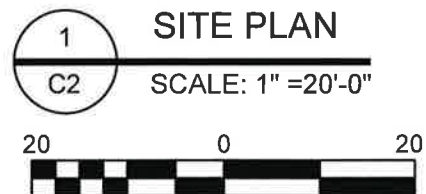
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OF TRANSPORTATION APPROVED  
STRUCTURES ARE TO BE  
CONSTRUCTED ON PUBLIC  
RIGHT OF WAY.



**FLOOD PLAIN NOTE**

PER THE FEMA FLOODPLAIN MAPS, THE SITE IS LOCATED IN AN AREA DESIGNATED AS ZONE X (AREA OF MINIMAL FLOOD HAZARD). COMMUNITY PANEL NO.: 3720150600J DATED: 10/03/2006



**GENERAL NOTES:**

1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE DRAWINGS AND SPECIFICATIONS. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE, LOCAL AND NATIONAL CODES, ORDINANCES AND OR REGULATIONS APPLICABLE TO THIS PROJECT.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AND SHALL CHECK ALL DIMENSIONS. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE TILLMAN INFRASTRUCTURE CONSTRUCTION MANAGER AND/OR ENGINEER AND BE RESOLVED BEFORE PROCEEDING WITH WORK. WHERE THERE IS A CONFLICT BETWEEN DRAWING AND TILLMAN INFRASTRUCTURE SPECIFICATIONS, THE TILLMAN INFRASTRUCTURE CONSTRUCTION MANAGER SHOULD BE CONTACTED FOR CLARIFICATION.
3. ALL INFORMATION SHOWN ON THE DRAWINGS RELATIVE TO EXISTING CONDITIONS IS GIVEN AS THE BEST PRESENT KNOWLEDGE, BUT WITHOUT GUARANTEE OF ACCURACY. WHERE ACTUAL CONDITIONS CONFLICT WITH THE DRAWINGS, THEY SHALL BE REPORTED TO THE TILLMAN INFRASTRUCTURE CONSTRUCTION MANAGER AND/OR ENGINEER SO THAT PROPER REVISIONS MAY BE MADE. MODIFICATION OF DETAILS OF CONSTRUCTION SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF THE CONSTRUCTION MANAGER AND/OR ENGINEER.
4. CONTRACTOR SHALL REVIEW AND BE FAMILIAR WITH SITE CONDITIONS AS SHOWN ON THE ATTACHED SITE PLAN AND/OR SURVEY DRAWINGS.
5. ALL FINISHED GRADES SHALL SLOPE MINIMUM 1/4 IN./FT. AWAY FROM EQUIPMENT IN ALL DIRECTIONS. CONTRACTOR SHALL SLOPE SWALES AS REQUIRED ALONG EXISTING TERRAIN TO DRAIN AWAY FROM COMPOUND AND ACCESS DRIVE.
6. THE PROPOSED TOWER AND TOWER FOUNDATIONS WERE DESIGNED BY OTHERS. TOWER INFORMATION PROVIDED ON THESE PLANS ARE PROVIDED FOR REFERENCE PURPOSES ONLY. TOWER DIMENSIONS SHOWN ON THIS PLAN ARE FOR TOWER CENTER LOCATION. DO NOT SCALE. NOTIFY ENGINEER OR TILLMAN INFRASTRUCTURE CONSTRUCTION MANAGER OF ANY CONFLICTS OR DISCREPANCIES.
7. THE CONTRACTOR SHALL PROVIDE ADEQUATE EXCAVATION SLOPING, SHORING, BRACING, AND GUYS IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL SAFETY ORDINANCES.
8. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES TO THE EXISTING ACCESS ROAD AND COMPOUND GRAVEL AREAS. ANY NEW FILL MATERIALS SHALL BE COMPACTED.
9. THE CONTRACTOR IS HEREBY NOTIFIED THAT PRIOR TO COMMENCING CONSTRUCTION, HE IS RESPONSIBLE FOR CONTACTING THE UTILITY COMPANIES INVOLVED AND SHALL REQUEST A VERIFICATION AT THE CONSTRUCTION SITE OF THE LOCATIONS OF THEIR UNDERGROUND UTILITIES AND WHERE THEY MAY POSSIBLY CONFLICT WITH THE PLACEMENT OF IMPROVEMENTS AS SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT WILL BE REQUIRED TO NOTIFY "STATE 811" 48 HOURS IN ADVANCE OF PERFORMING ANY WORK. ANY UTILITIES DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE CONTRACTOR, AT NO EXPENSE TO THE OWNER.
10. CONTRACTOR TO PROVIDE DUMPSTER AND PORTABLE TOILET FACILITY DURING CONSTRUCTION.
11. CONTRACTOR TO PROVIDE STYMIE LOCK OR EQUIVALENT AS APPROVED BY TILLMAN INFRASTRUCTURE CONSTRUCTION MANAGER.

**SURVEY NOTE:**

1. TILLMAN INFRASTRUCTURE STAFF SHALL COORDINATE WITH THE PROPERTY OWNER TO OBTAIN THE PROPER EASEMENT AGREEMENTS TO CONSTRUCT AND MAINTAIN EQUIPMENT IN AND AROUND THE TOWER COMPOUND.
2. PROPOSED COMPOUND LAYOUT BASED ON SURVEY PROVIDED BY POINT TO POINT LAND SURVEYORS DATED 06/30/2020 AND SITE VISIT ON 05/05/20.

**NOTES:**

1. CONTRACTOR TO CLEAR AND GRUB EXISTING VEGETATION AND REMOVE TREES AS NEEDED WITHIN ACCESS ROAD AND TURNAROUND AREA.
2. CONTRACTOR TO VERIFY WITH TILLMAN CM IF THE EXTENT OF CLEARING AND GRUBBING AND THE TREE REMOVAL IS THE LEASE AREA, FENCED AREA OR A SPECIFIC DISTANCE BEYOND FENCED AREA.

PREPARED FOR:



A&E FIRM:



1875 OLD ALABAMA ROAD, SUITE 1008  
ROSWELL, GA 30076  
TEL: 678-990-2338 FAX: 678-990-2342

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PROJECT INFORMATION:

**RED HILL CHURCH**  
**14637878**  
**TI-OPP-16496**  
201 RED HILL CHURCH ROAD  
ERWIN, NC 28339

DRAWN BY:	SJH
CHECKED BY:	KIA
APPROVED BY:	MEW

**REVISIONS**

REV.	DATE	DESCRIPTION
A	08/26/20	ISSUED FOR PERMITTING

ISSUED FOR



PERMITTING

SHEET TITLE:  
**SITE PLAN**

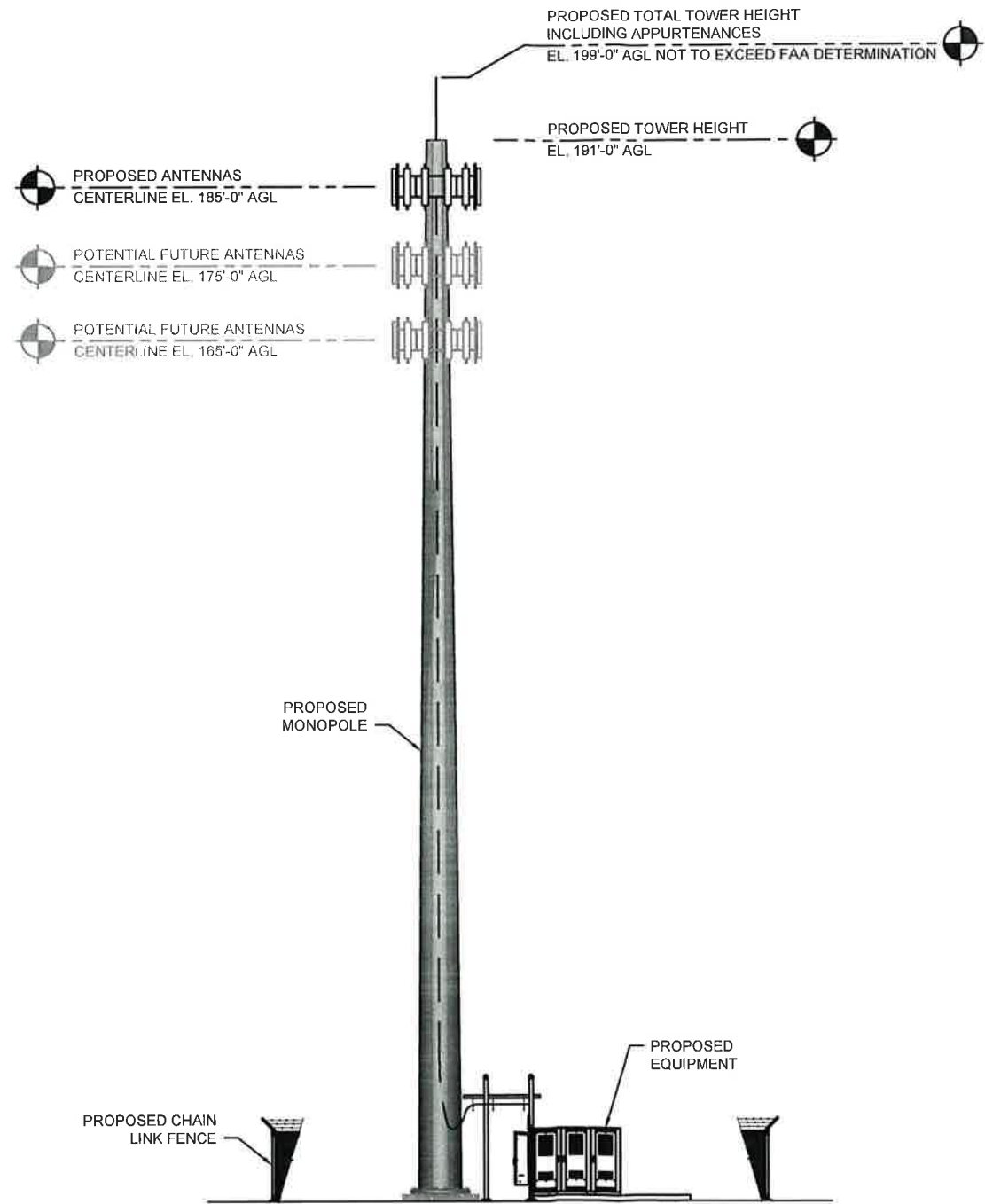
SHEET #:	REVISION:
<b>C2</b>	<b>A</b>

**NOTES:**

1. CALCULATIONS FOR THE STRUCTURE AND THE ANTENNA MOUNTS WERE PREPARED BY OTHERS AND THOSE CALCULATIONS CERTIFY THE CAPACITY OF THE STRUCTURE TO SUPPORT THE NEW EQUIPMENT.
2. CABLES NOT SHOWN FOR CLARITY.

**NOTE:**

SITE DESIGN HAS NOT BEEN COORDINATED WITH FINAL STAMPED TOWER FABRICATION DRAWINGS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ANGLES ON THIS SITE DESIGN WITH FINAL STAMPED TOWER DRAWINGS PRIOR TO BEGINNING CONSTRUCTION. NOTIFY ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE DISCOVERED.



1 TOWER ELEVATION  
C3 NOT TO SCALE

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PREPARED FOR:



A&E FIRM:



1875 OLD ALABAMA ROAD, SUITE 1008  
ROSWELL, GA 30076  
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PROJECT INFORMATION:

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DRAWN BY:	SJH
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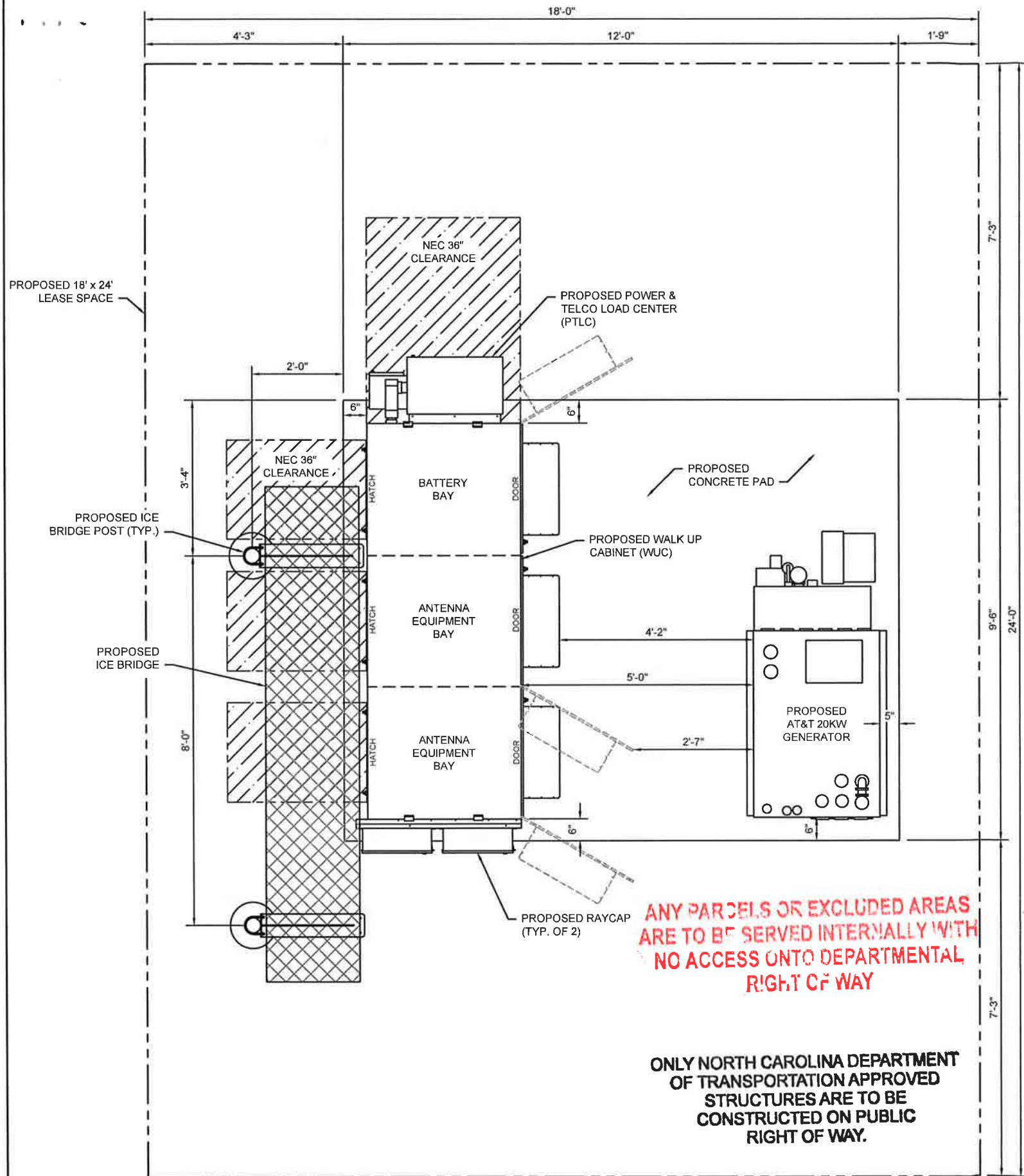
REVISIONS		
REV.	DATE	DESCRIPTION
A	08/26/20	ISSUED FOR PERMITTING

ISSUED FOR

PERMITTING

SHEET TITLE:  
TOWER ELEVATION

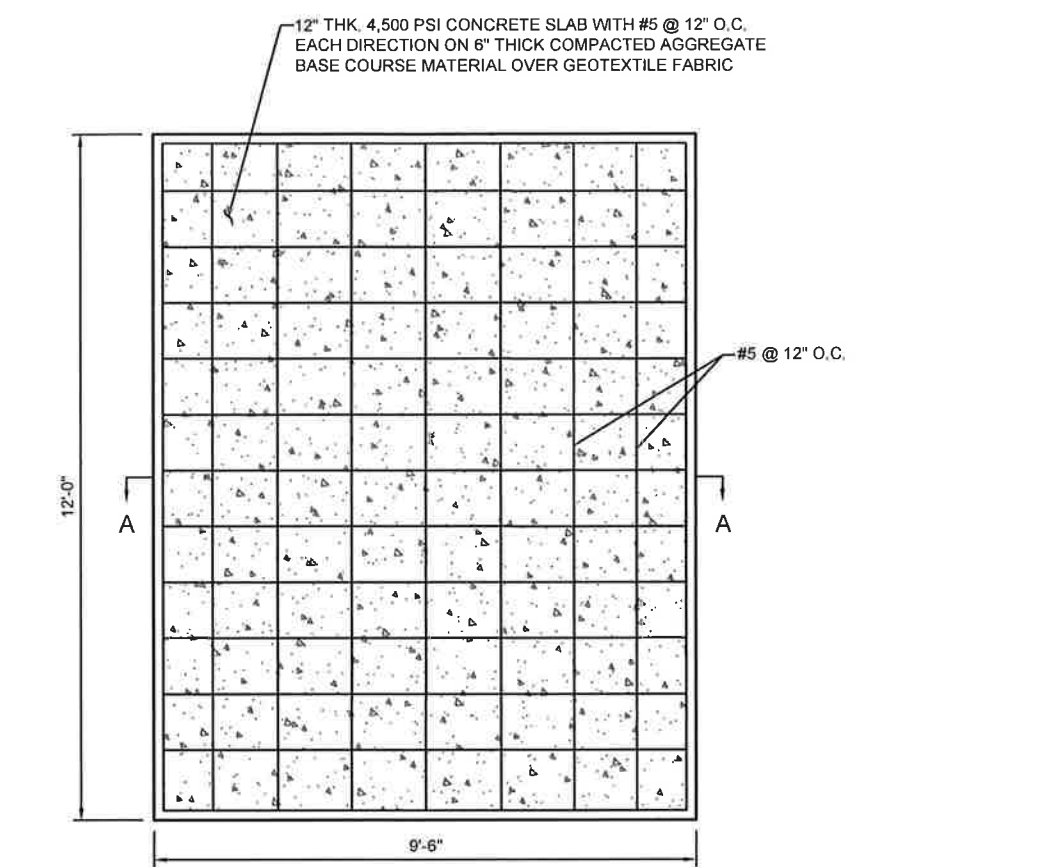
SHEET #:	REVISION:
C3	A



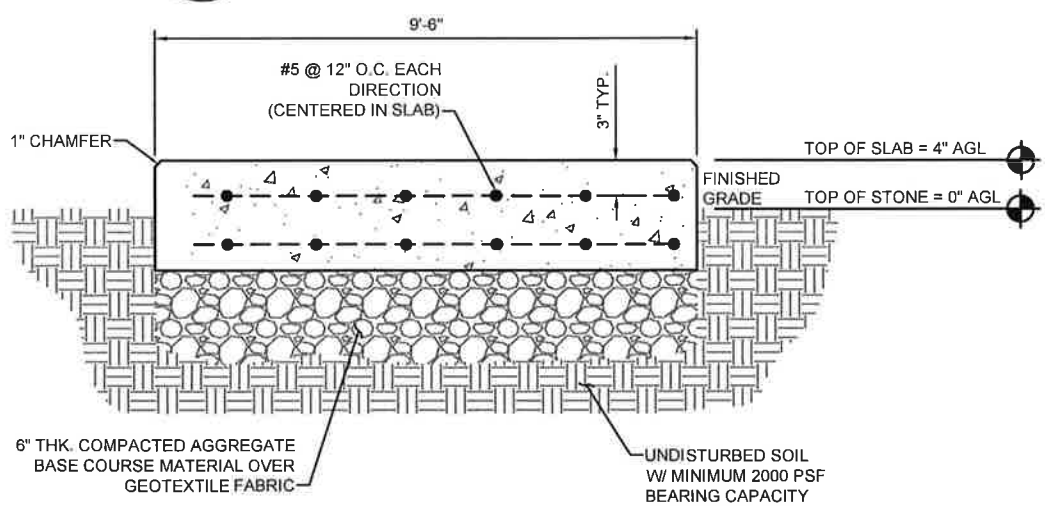
1 **EQUIPMENT CONCRETE PAD LAYOUT**  
 C4 NOT TO SCALE

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**ONLY NORTH CAROLINA DEPARTMENT OF TRANSPORTATION APPROVED STRUCTURES ARE TO BE CONSTRUCTED ON PUBLIC RIGHT OF WAY.**



2 **CONCRETE PAD PLAN**  
 C4 NOT TO SCALE



3 **EQUIPMENT PAD FOUNDATION SECTION A-A**  
 C4 NOT TO SCALE

PREPARED FOR:

**TILLMAN**  
**INFRASTRUCTURE**

A&E FIRM:

**towersource**

1875 OLD ALABAMA ROAD, SUITE 1008  
 ROSWELL, GA 30076  
 TEL: 678-990-2338 FAX: 678-990-2342

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ISSUED FOR

**NORTH CAROLINA**  
**PROFESSIONAL**  
**ENGINEER**  
 SEAL  
 040598  
 08/26/20  
**MATTHEW E WATKINS**

PERMITTING

SHEET TITLE:  
**EQUIPMENT LAYOUT AND DETAILS**

SHEET #	REVISION:
<b>C4</b>	<b>A</b>

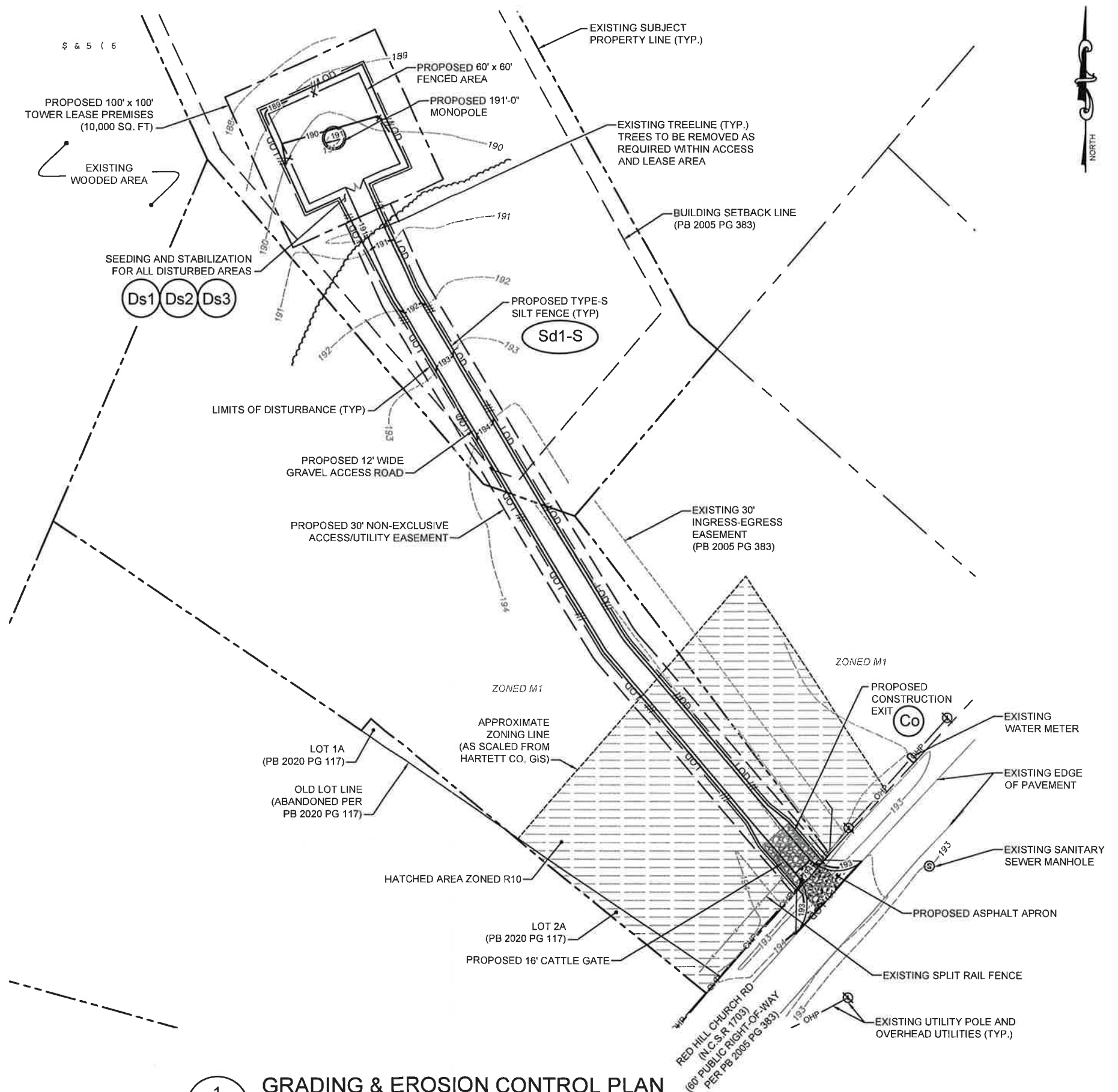
**NOTE:**  
 CURRENT DESIGN ANTICIPATES APPROXIM 6 4 7 OF CLEARING AND GRADING FOR THE PROPOSED PROJECT. IF ADDITIONAL CLEARING IS REQUIRED BEYOND WHAT IS SHOWN IN THE PLANS THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND/OR CONSTRUCTION MANAGER. IF DURING THE BID WALK OR CONSTRUCTION IT IS DETERMINED THAT MORE THAN (1) ACRE OF LAND IS TO BE DISTURBED FOR CONSTRUCTION AN EROSION AND SEDIMENTATION CONTROL PLAN MUST BE FILED 30 DAYS PRIOR TO CONSTRUCTION.

**ANY PARCELS OR EXCLUDED AREAS ARE TO BE SERVED INTERNALLY WITH NO ACCESS ONTO DEPARTMENTAL RIGHT OF WAY**

**ONLY NORTH CAROLINA DEPARTMENT OF TRANSPORTATION APPROVED STRUCTURES ARE TO BE CONSTRUCTED ON PUBLIC RIGHT OF WAY.**

**LEGEND**

EXISTING CONTOURS	---
PROPOSED CONTOURS	—
SILT FENCE	///
LIMITS OF DISTURBANCE	— LOD — LOD
TREE PROTECTION FENCE	— TPF —
EXISTING SPOT ELEVATION	x XXX
PROPOSED SPOT ELEVATION	● XXX



**1**  
**C8** **GRADING & EROSION CONTROL PLAN**  
 SCALE: 1" = 70'-0"  
 70 0 70

PREPARED FOR:  
**TILLMAN**  
**INFRASTRUCTURE**

A&E FIRM:  
**towersource**  
 1875 OLD ALABAMA ROAD, SUITE 1008  
 ROSWELL, GA 30076  
 TEL: 678-990-2338 FAX: 678-990-2342

THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

PROJECT INFORMATION:  
**RED HILL CHURCH**  
**14637878**  
**TI-OPP-16496**  
 201 RED HILL CHURCH ROAD  
 ERWIN, NC 28339

DRAWN BY:	SJH
CHECKED BY:	KIA
APPROVED BY:	MEW

REVISIONS

REV.	DATE	DESCRIPTION
A	08/26/20	ISSUED FOR PERMITTING

ISSUED FOR  
  
**PERMITTING**

SHEET TITLE:  
**GRADING AND EROSION CONTROL PLAN**

SHEET #: **C8** REVISION #: **A**