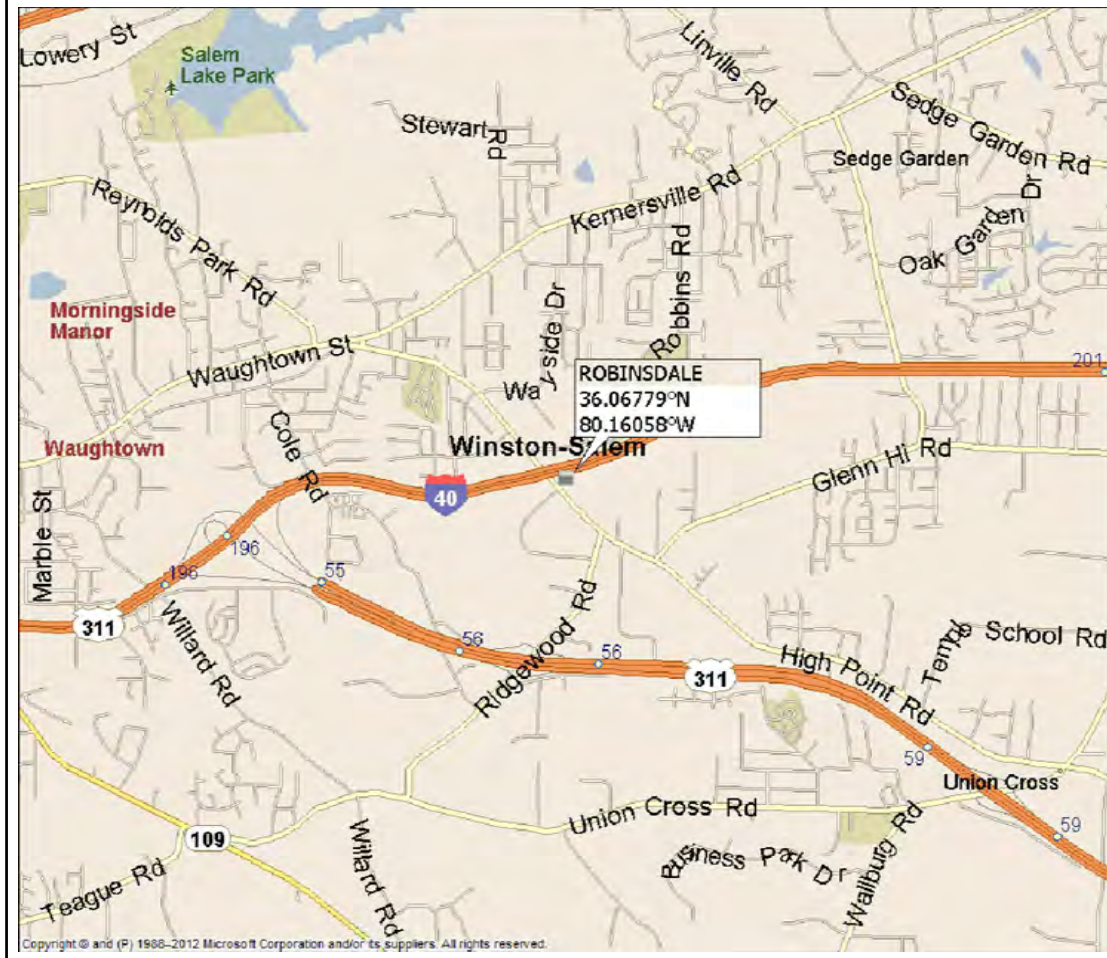


LOCATION MAP



VERIZON SITE NAME:
ROBINSDALE

VERIZON PROJECT #:
20181754270

LOCATION CODE:
486801

PROJECT SUMMARY

SITE TYPE: RAW LAND - CANISTER POLE
 SITE ADDRESS: 3747 HIGH POINT RD. WINSTON SALEM, NC 27107
 SITE LATITUDE: 36° 04' 04.06"
 SITE LONGITUDE: -80° 09' 38.07"
 GND ELEVATION (AMSL): 836.3' ±3'
 TOWER HGHT (AGL.): 150'
 RAD. CENTER (AGL.): 145'
 JURISDICTION: WINSTON-SALEM
 PIN #: 68547552190000
 ZONING DISTRICT: R-9
 PROPOSED IMPERVIOUS SURFACE: 10,526 SQ.FT.
 POWER COMPANY: DUKE ENERGY
 FIBER PROVIDER: AT&T



P. MARSHALL & ASSOCIATES

ROBINSDALE

3747 HIGH POINT RD.
WINSTON SALEM, NC 27107

LOCATION CODE:
486801

CODE SUMMARY

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES:

- 2015 IBC W/ 2018 NC BUILDING AMENDMENTS
- WIND LOAD DESIGN: 90 MPH, RISK CATEGORY II
- THERE IS "NO EMERGENCY RESPONSE EQUIPMENT ON THE TOWER AND EXISTING & PROPOSED EQUIPMENT WILL NOT INTERFERE WITH COUNTY EMERGENCY COMMUNICATIONS AND THAT, IF SUCH INTERFERENCE IS FOUND TO EXIST, THEN VERIZON WILL TAKE WHATEVER STEPS ARE NECESSARY TO CORRECT THE INTERFERENCE."
- OCCUPANCY: U
- EXPOSURE CATEGORY: C
- 2018 NORTH CAROLINA BUILDING CODE (2015 IBC)
- 2015 NORTH CAROLINA FIRE CODE (2015 IFC)
- 2018 NORTH CAROLINA PLUMBING CODE (IFC 2015)
- 2018 NORTH CAROLINA MECHANICAL CODE (IMC 2015)
- 2018 NORTH CAROLINA ENERGY CONSERVATION CODE (IECC 2015)
- 2017 NORTH CAROLINA ELECTRICAL CODE - NFPA 70, 99, 110, 37
- TIA-222-H
- TIA-1019-A
- UL2200, UL508, UL142, UL498
- NFPA 37, 70, 99
- NEMA ICS1, ICS10, MG1, 250, ICS6, AB1
- ANSI/IEEE C62.41
- CSA 22.2
- BS5514 & DIN 6271
- SAE J1349
- FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. HANDICAP ACCESS IS NOT REQUIRED.
- FACILITY HAS NO SANITARY OR POTABLE WATER
- FROST LINE DEPTH = 20" (FORSYTH COUNTY)

PROJECT DIRECTORY

WIRELESS CARRIER:

VERIZON WIRELESS
8921 RESEARCH DR
CHARLOTTE, NC 28262
AMANDA PRICE - RE
704-510-8628
BRETT SLOUGH - CE
919-755-4914

PROPERTY OWNER/ MANAGER:

CLAUDE/ ANNE ALREAD
3930 GLENN HI ROAD
WINSTON-SALEM, NC 27107
336-399-4263

CONSTRUCTION & ENGINEERING:

P. MARSHALL & ASSOCIATES, LLC
3545 WHITEHALL PARK DRIVE - SUITE 450
CHARLOTTE, NC 28273
PROJECT ENGINEER:
TREVOR MCALLISTER
478-542-3291

FEMA

*THIS SITE IS NOT IN ANY SPECIAL FLOOD HAZARD AREAS OR FUTURE CONDITIONS FLOOD HAZARD AREAS, AS SHOWN PER FIRM PANEL 3710685400J DATED 01/02/2009

SCOPE OF WORK

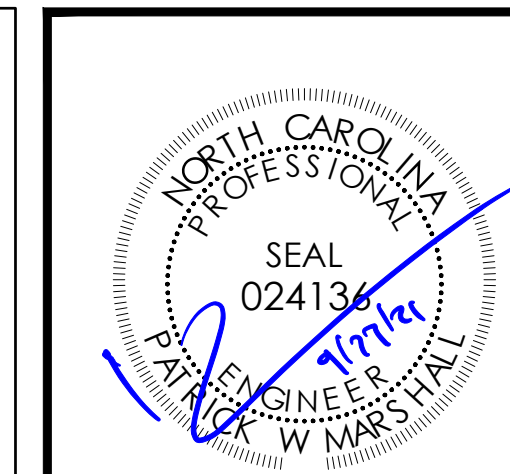
THE PROPOSED PROJECT SCOPE WILL CONSIST OF CONSTRUCTING A NEW TELECOMMUNICATIONS TOWER COMPOUND ON A RAWLAND SITE. THE PROPOSED CONSTRUCTION WILL INCLUDE THE INSTALLATION OF ACCESS ROAD, EASEMENTS, CHAIN LINKED FENCING, MONOPOLE TOWER, ANTENNAS, RADIOS, CABLES AND RELATED EQUIPMENT ON THE TOWER AS WELL AS THE RADIOS, CABINETS, UTILITIES AND ANCILLARY EQUIPMENT ON THE GROUND.

SHEET INDEX

T-1	TITLE SHEET & PROJECT INFORMATION
-	SURVEY
T-1A:T-1B	APPENDIX SHEETS
T-2A:T-2B	GENERAL NOTES
C-1	OVERALL SITE PLAN
C-1A	ENLARGED SITE PLAN
C-1B	ENLARGED LANDSCAPING PLAN
C-2	COMPOUND DETAIL
C-3	TOWER ELEVATION
C-4	COMPOUND FENCE & COMPOUND BASE DETAILS
C-5	SIGNAGE DETAILS
C-6	UTILITY H-FRAME TRENCHING & CONDUIT DETAIL
C-7	DETAILED EQUIPMENT PLAN A
C-8	ROUTING & DETAILED EQUIPMENT PLAN B
C-9	FOUNDATION NOTES AND DETAILS
C-10	EQUIPMENT DETAILS
C-10A	EQUIPMENT DETAILS
C-11	ICE BRIDGE AND GPS DETAILS
C-12	VERIZON H-FRAME DETAIL I
C-13	VERIZON H-FRAME DETAIL II
C-14	TOWER ELEVATION & ANTENNA ORIENTATION
C-15	GRADING, EROSION CONTROL & LANDSCAPING GENERAL NOTES
C-16	GRADING AND EROSION CONTROL PLAN
C-17	ACCESS DRIVE
C-17A	ACCESS GATE & BARBED WIRE FENCE
C-18	EROSION CONTROL DETAILS
C-19A	LANDSCAPING PLAN
C-19B	LANDSCAPING PLAN (THOROUGHFARE)
C-20	LIQUID PROPANE DETAILS
E-1	ELECTRICAL NOTES
E-2	ELECTRICAL RISER AND ONE-LINE DIAGRAM
E-3	GROUNDING NOTES
E-4	GROUNDING PLAN
E-5	GROUNDING SYSTEM SINGLE LINE DIAGRAM
E-6	COAX/TOWER GROUNDING SCHEMATIC
E-7	GROUNDING DETAILS
E-8	GROUNDING DETAILS

CALL

BEFORE YOU DIG
NC ONE-CALL
811



NO	DATE	DESCRIPTION
1	7.9.21	FINAL
2	9.27.21	REVISION

SITE TYPE:
RAW LAND - CANISTER POLE

SITE COORDINATES:
LAT: 36° 04' 04.06"
LON: 80° 09' 38.07"

DESIGNED: RLB
DRAWN: RLB
CHECKED: JTM

JOB #:
VCNB2018-060

TITLE SHEET

TITLE



P. MARSHALL & ASSOCIATES

ROBINSDALE

3747 HIGH POINT RD.
WINSTON SALEM, NC 27107

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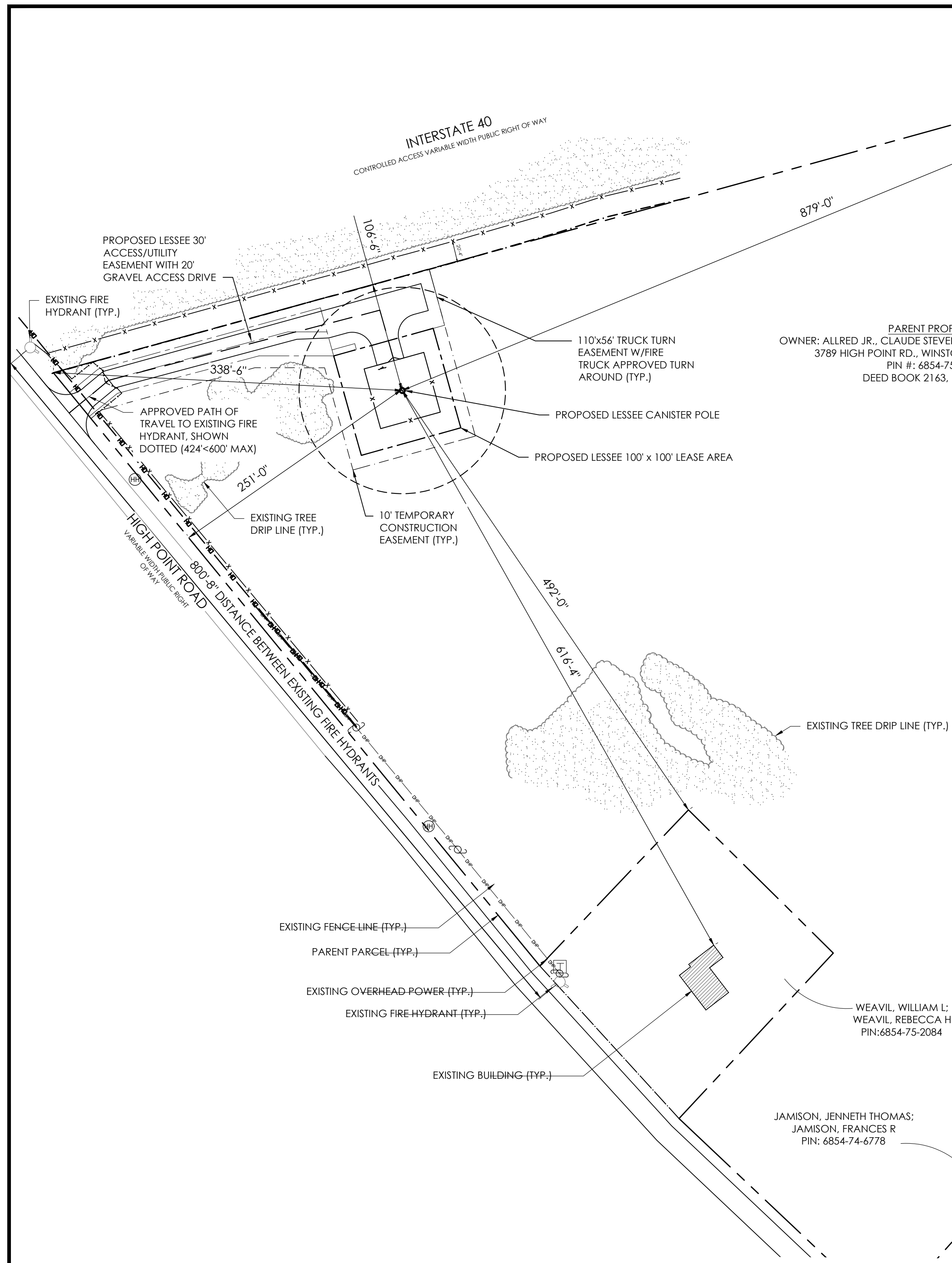
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OVERALL SITE PLAN

C-1



PARENT PROPERTY:
OWNER: ALLRED JR., CLAUDE STEVENSON; ALLRED, ANNE JONES
3789 HIGH POINT RD., WINSTON SALEM, NC 27107
PIN #: 6854-75-5219
DEED BOOK 2163, PAGE 1714

LANDS N/F
ARANT, ANNIE LAURA
PIN: 6854-96-0220

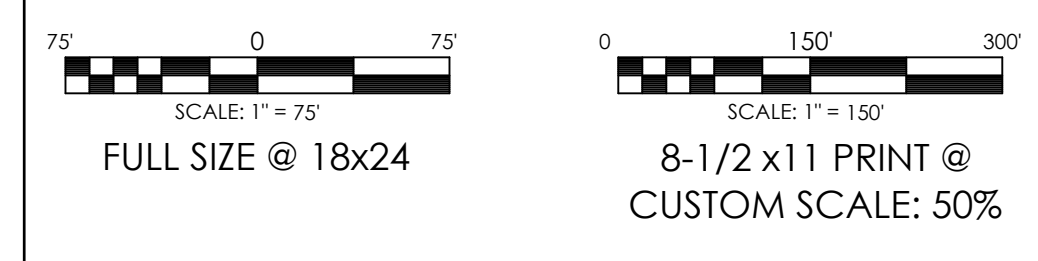
WEAVIL, WILLIAM L;
WEAVIL, REBECCA H
PIN: 6854-75-2084

JAMISON, JENNETH THOMAS;
JAMISON, FRANCES R
PIN: 6854-74-6778

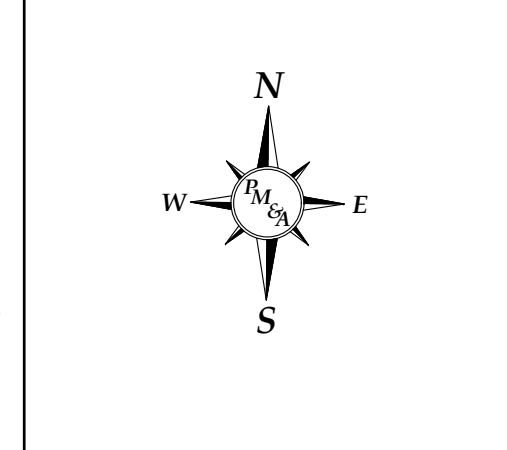
GENERAL NOTES

- SITE PLAN SHOWN WAS TAKEN FROM SURVEY INFORMATION PROVIDED BY MURPHY GEOMATICS. CONTRACTOR TO VERIFY ALL EXISTING INFORMATION IS INDICATED ON SITE PLAN. CONTRACTOR IS TO ESTABLISH THE EXISTENCE AND LOCATION OF ALL EXISTING UNDERGROUND AND OVERHEAD UTILITIES. IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES.
- PARCEL DATA SHOWN WAS TAKEN FROM INFORMATION PROVIDED BY MURPHY GEOMETRIC & FORSYTH COUNTY GIS, PROPERTY INFORMATION RESEARCH WEB SITE.
- NO WETLANDS EXISTING ON-SITE
- ALL CONSTRUCTION ACTIVITY MUST BE IN ACCORDANCE WITH THE ACCEPTED POLICIES BY NORTH CAROLINA STATE CODE.
- PROPOSED ROUTES ARE SHOWN AS SCHEMATIC.
- WHILE DIGGING TO LOCATE EXISTING UTILITIES, ANYTHING BEYOND 1' BELOW GRADE, MUST CONTINUE WITH HAND DIGGING.

GRAPHIC SCALES



NORTH ARROW



OVERALL SITE PLAN

C-1

ROBINSDALE

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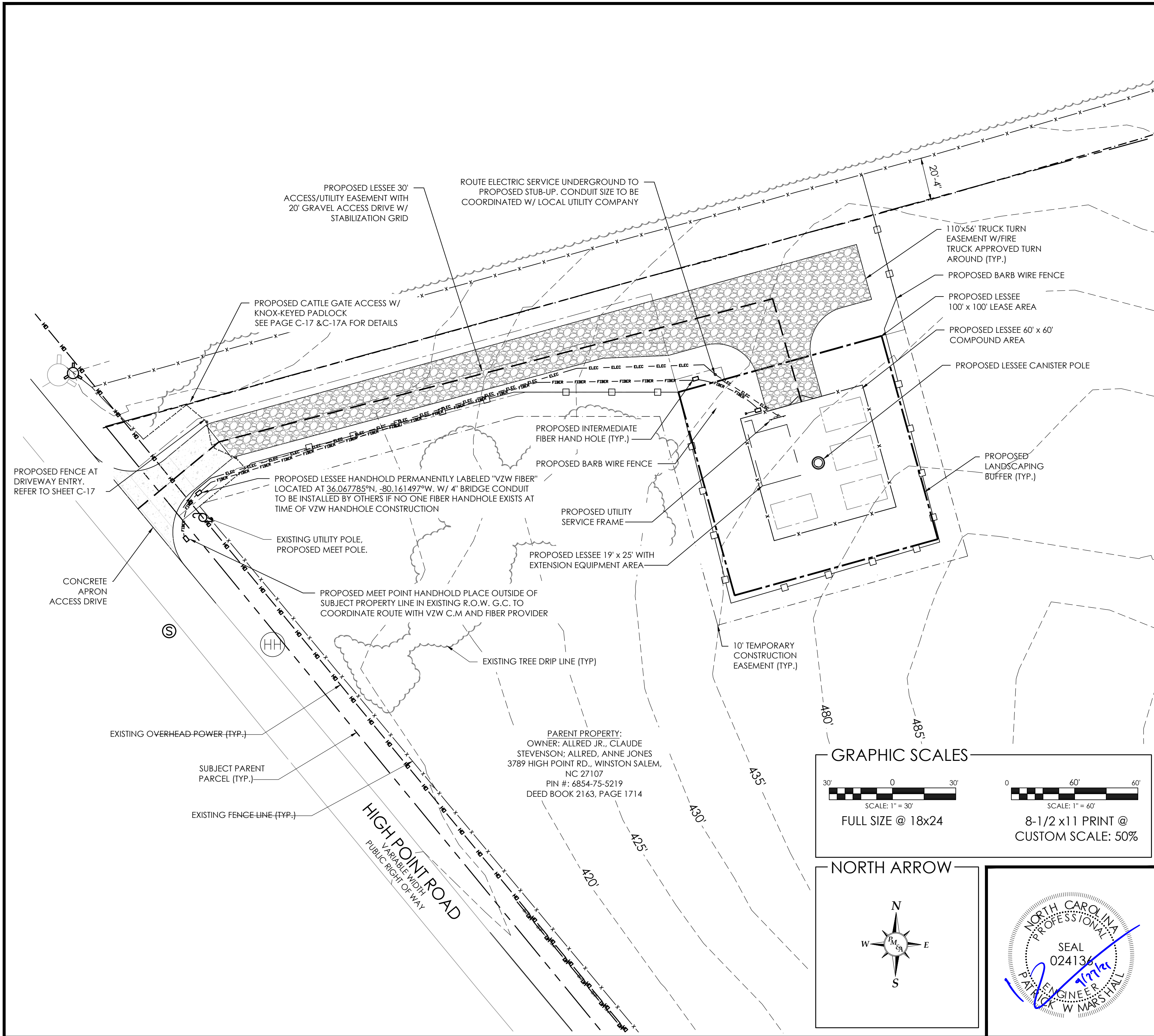
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ENLARGED
SITE PLAN

C-1A



GRAPHIC SCALES

30' 0 30' SCALE: 1" = 30'
FULL SIZE @ 18x24

0 60' 60' SCALE: 1" = 60'
8-1/2 x 11 PRINT @
CUSTOM SCALE: 50%

NORTH ARROW

PROFESSIONAL SEAL

NORTH CAROLINA
REGISTERED PROFESSIONAL
SEAL
024136
P. MARSHALL
REGISTERED ENGINEER
BARRACK W. MARSHALL

PARENT PROPERTY:
OWNER: ALLRED JR., CLAUDE
STEVENS; ALLRED, ANNE JONES
3789 HIGH POINT RD., WINSTON SALEM,
NC 27107
PIN #: 6854-75-5219
DEED BOOK 2163, PAGE 1714

PROPOSED LESSEE HANDHOLD PERMANENTLY LABELED "VZW FIBER"
LOCATED AT 36.067785°N, -80.161497°W. W/ 4" BRIDGE CONDUIT
TO BE INSTALLED BY OTHERS IF NO ONE FIBER HANDHOLE EXISTS AT
TIME OF VZW HANDHOLE CONSTRUCTION

EXISTING UTILITY POLE,
PROPOSED MEET POLE.

PROPOSED MEET POINT HANDHOLD PLACE OUTSIDE OF
SUBJECT PROPERTY LINE IN EXISTING R.O.W. G.C. TO
COORDINATE ROUTE WITH VZW C.M AND FIBER PROVIDER

EXISTING TREE DRIP LINE (TYP.)

10' TEMPORARY
CONSTRUCTION
EASEMENT (TYP.)

PROPOSED LESSEE 19' x 25' WITH
EXTENSION EQUIPMENT AREA

PROPOSED UTILITY
SERVICE FRAME

PROPOSED BARB WIRE FENCE

PROPOSED INTERMEDIATE
FIBER HAND HOLE (TYP.)

PROPOSED
LANDSCAPING
BUFFER (TYP.)

PROPOSED LESSEE CANISTER POLE

PROPOSED LESSEE 60' x 60'
COMPOUND AREA

PROPOSED LESSEE
100' x 100' LEASE AREA

PROPOSED BARB WIRE FENCE

110'x56' TRUCK TURN
EASEMENT W/FIRE
TRUCK APPROVED TURN
AROUND (TYP.)

ROUTE ELECTRIC SERVICE UNDERGROUND TO
PROPOSED STUB-UP. CONDUIT SIZE TO BE
COORDINATED W/ LOCAL UTILITY COMPANY

PROPOSED LESSEE 30'
ACCESS/UTILITY EASEMENT WITH
20' GRAVEL ACCESS DRIVE W/
STABILIZATION GRID

PROPOSED CATTLE GATE ACCESS W/
KNOX-KEYED PADLOCK
SEE PAGE C-17 & C-17A FOR DETAILS

PROPOSED FENCE AT
DRIVEWAY ENTRY.
REFER TO SHEET C-17

CONCRETE
APRON
ACCESS DRIVE

EXISTING OVERHEAD POWER (TYP.)

SUBJECT PARENT
PARCEL (TYP.)

EXISTING FENCE LINE (TYP.)

HIGH POINT ROAD
VARIABLE WIDTH
PUBLIC RIGHT OF WAY



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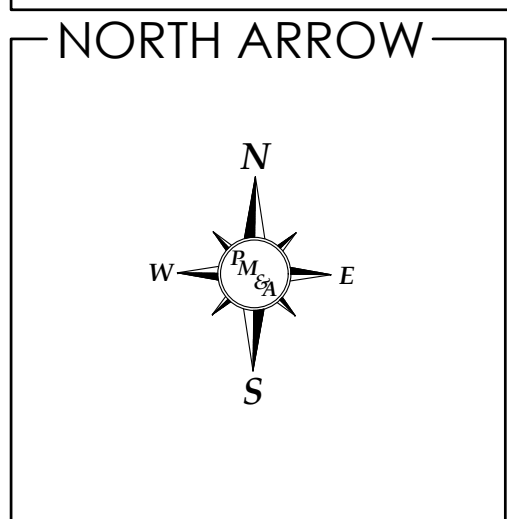
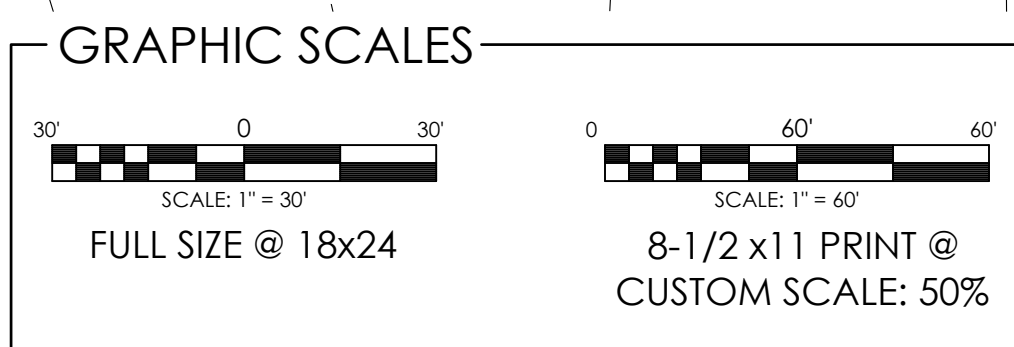
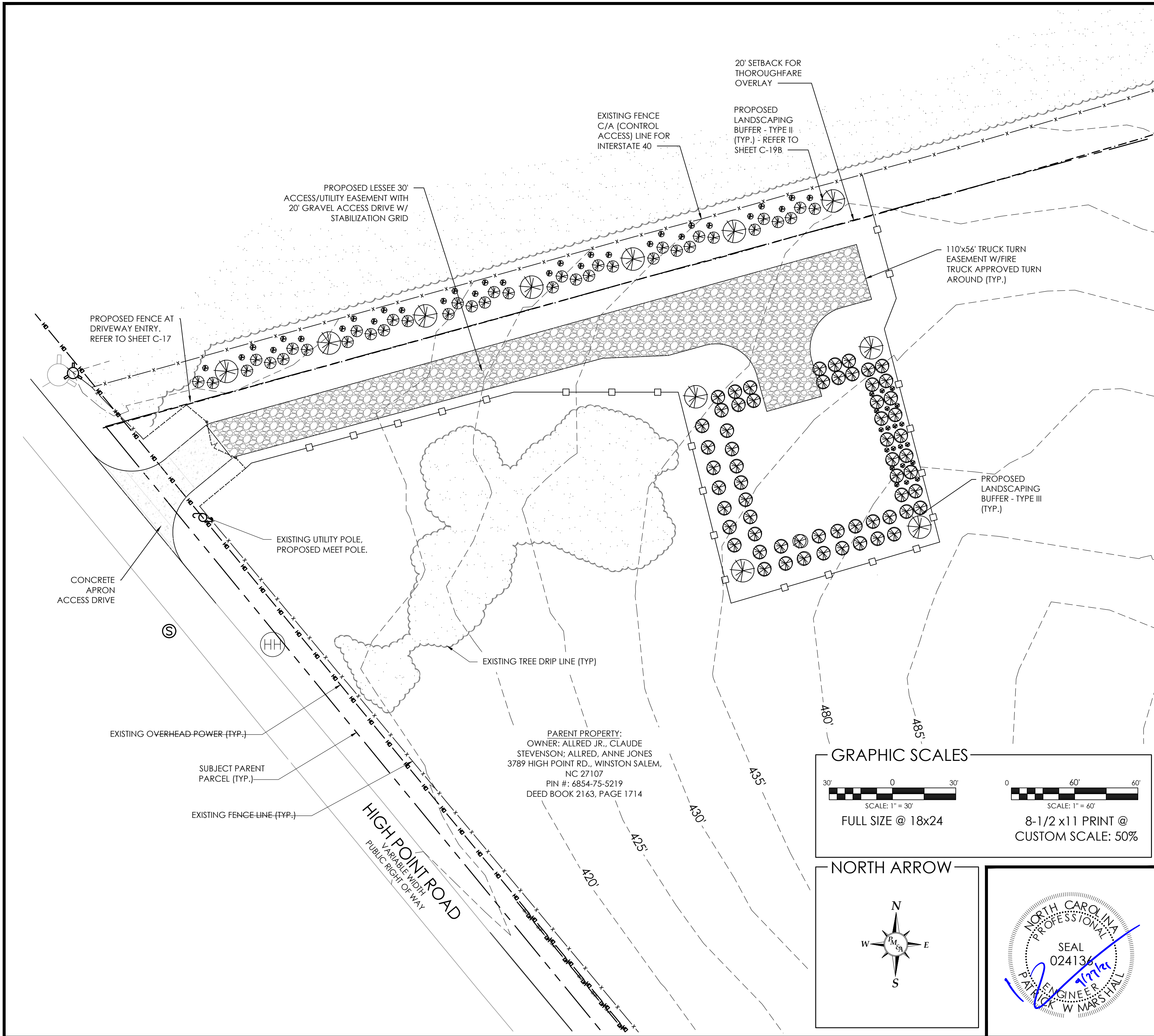
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DESIGNED: RLB	JOB #:
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ENLARGED
LANDSCAPING
SITE PLAN

C-1B





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ROBINSDALE

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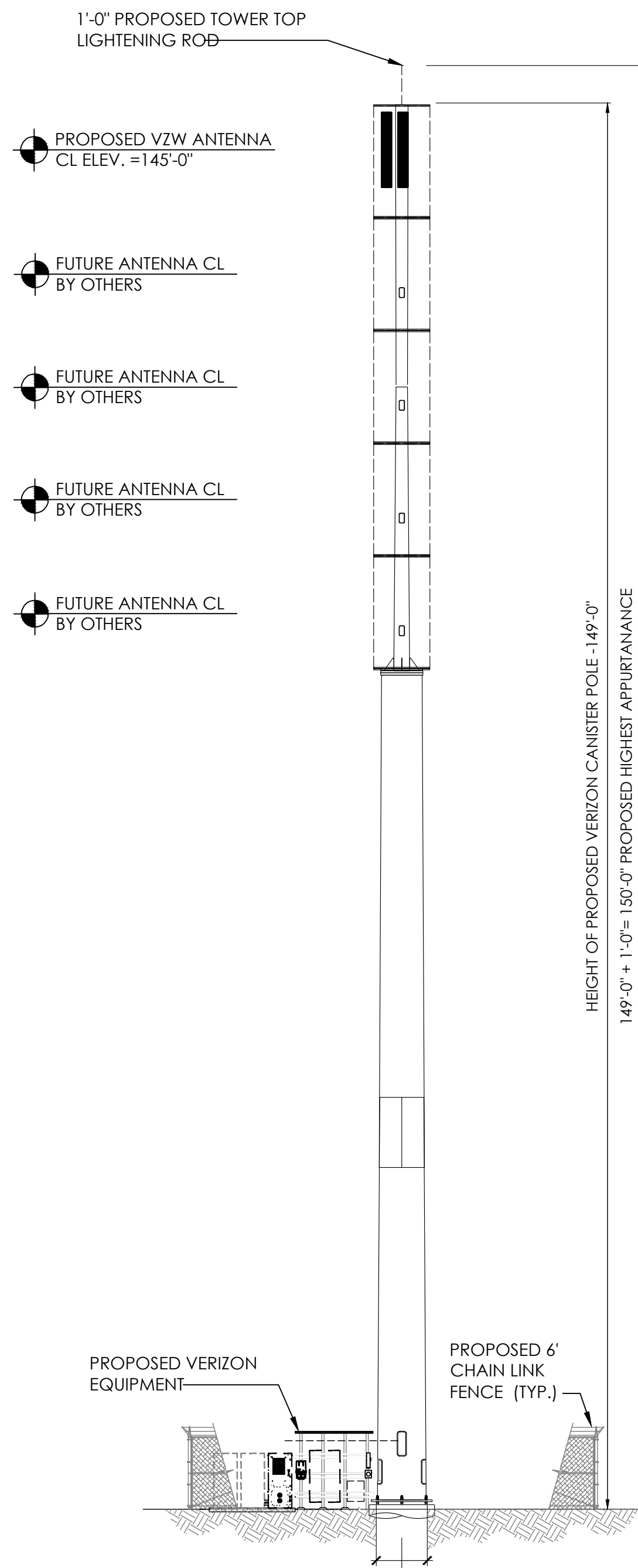
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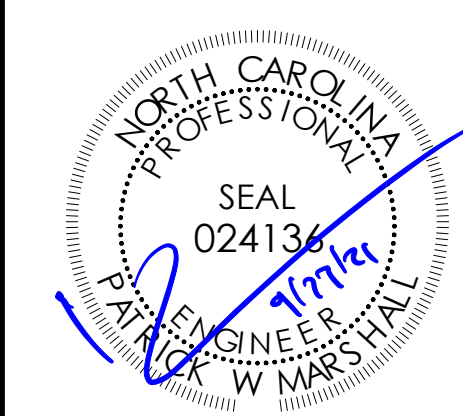
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TOWER ELEVATION
NOT TO SCALE



TOWER ELEVATION

C-3