

SITE ID:

CLFAY00111A

SITE ADDRESS:

2340 NC HWY 20 W
ST. PAULS, NC 28384

SCOPE OF WORK

THIS IS NOT AN ALL INCLUSIVE LIST. CONTRACTOR SHALL UTILIZE SPECIFIED EQUIPMENT PART OR ENGINEER APPROVED EQUIVALENT. CONTRACTOR SHALL VERIFY ALL NEEDED EQUIPMENT TO PROVIDE A FUNCTIONAL SITE. THE PROJECT GENERALLY CONSISTS OF THE FOLLOWING:

TOWER SCOPE OF WORK:

- INSTALL (3) PROPOSED PANEL ANTENNAS (1 PER SECTOR)
- INSTALL (3) PROPOSED SECTOR MOUNTS (1 PER SECTOR)
- INSTALL (6) PROPOSED RRUS (2 PER SECTOR)
- INSTALL (1) PROPOSED OVER VOLTAGE PROTECTION DEVICE (OVP)
- INSTALL (1) PROPOSED HYBRID CABLE
- INSTALL PROPOSED JUMPERS

GROUND SCOPE OF WORK:

- INSTALL (1) PROPOSED METAL PLATFORM
- INSTALL (1) PROPOSED ICE BRIDGE
- INSTALL (1) PROPOSED PPC CABINET
- INSTALL (1) PROPOSED EQUIPMENT CABINET
- INSTALL (1) PROPOSED POWER CONDUIT
- INSTALL (1) PROPOSED TELCO CONDUIT
- INSTALL (1) PROPOSED TELCO-FIBER BOX
- INSTALL (1) PROPOSED GPS UNIT
- INSTALL (1) PROPOSED FIBER NID (IF REQUIRED)
- INSTALL (1) PROPOSED 200A METER AND METER SOCKET

SITE INFORMATION

PROPERTY OWNER: QGLOBAL SIGNAL ACQUISITION (941) 308-5986
ADDRESS: PO BOX 277455
ATLANTA, GA 30384-7455

TOWER TYPE: GUYED

TOWER CO SITE ID: 805223

TOWER APP NUMBER: 563586

COUNTY: ROBESON

LATITUDE (NAD 83): 34° 49' 56.63" N
34.832397° N
LONGITUDE (NAD 83): 79° 01' 4.41" W
79.017892° W
ZONING JURISDICTION: ROBESON COUNTY

ZONING DISTRICT: ROBESON COUNTY

PARCEL NUMBER: 211001001

OCCUPANCY GROUP: U

CONSTRUCTION TYPE: II-B

POWER COMPANY: LUMBEE RIVER EMC

TELEPHONE COMPANY: TBD

PROJECT DIRECTORY

APPLICANT:

TOWER OWNER:

SITE DESIGNER:

SITE ACQUISITION:

CONSTRUCTION
MANAGER:

RF ENGINEER:

NORTH CAROLINA- ROBESON COUNTY CODE COMPLIANCE

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

CODE TYPE	CODE
BUILDING	2018 NC BUILDING CODES/2015 IBC W/ AMENDMENTS
MECHANICAL	2018 NC MECHANICAL CODES/2015 IMC W/ AMENDMENTS
ELECTRICAL	2020 NC ELECTRICAL CODES/2020 NEC W/ AMENDMENTS

SHEET INDEX

SHEET NO.	SHEET TITLE
T-1	TITLE SHEET
T-2	APPENDIX B
A-1	OVERALL AND ENLARGED SITE PLAN
A-2	ELEVATION, ANTENNA LAYOUT AND SCHEDULE
A-3	EQUIPMENT PLATFORM AND H-FRAME DETAILS
A-4	EQUIPMENT DETAILS
A-5	EQUIPMENT DETAILS
A-6	EQUIPMENT DETAILS
E-1	ELECTRICAL/FIBER ROUTE PLAN AND NOTES
E-2	ELECTRICAL DETAILS
E-3	ELECTRICAL ONE-LINE, FAULT CALCS & PANEL SCHEDULE
G-1	GROUNDING PLANS AND NOTES
G-2	GROUNDING DETAILS
G-3	GROUNDING DETAILS
RF-1	RF CABLE COLOR CODE
GN-1	LEGEND AND ABBREVIATIONS
GN-2	GENERAL NOTES
GN-3	GENERAL NOTES
GN-4	GENERAL NOTES

SITE PHOTO



NORTH CAROLINA 811
UTILITY NOTIFICATION CENTER OF NORTH CAROLINA
(800) 632-4949
WWW.NC811.ORG



CALL 3-12 WORKING DAYS UTILITY NOTIFICATION PRIOR TO CONSTRUCTION

GENERAL NOTES

THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE. NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED.

11"x17" PLOT WILL BE HALF SCALE UNLESS OTHERWISE NOTED

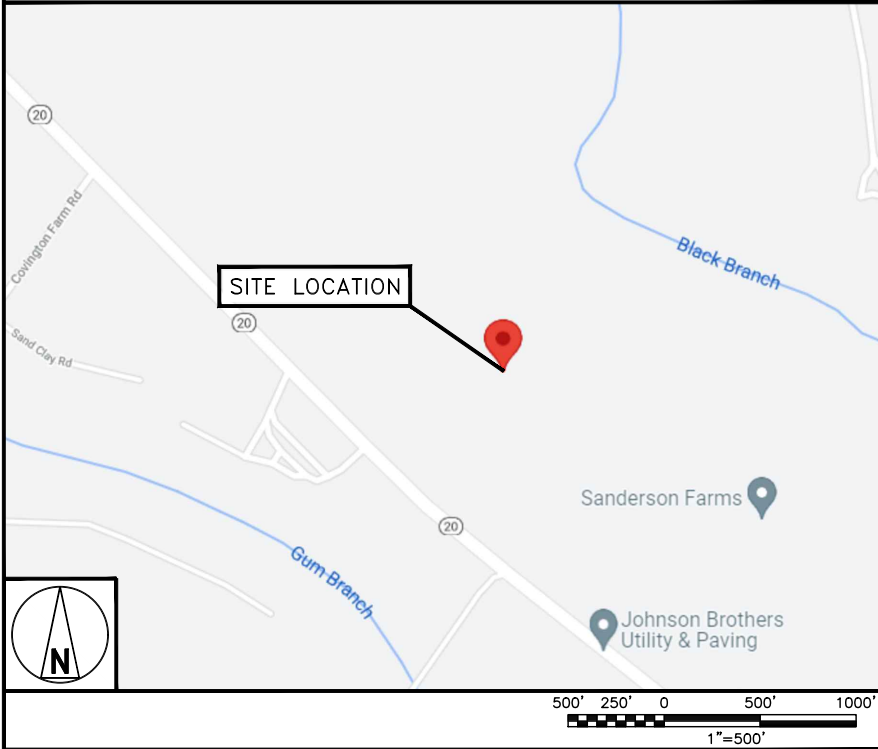
CONTRACTOR SHALL VERIFY ALL PLANS, EXISTING DIMENSIONS, AND CONDITIONS ON THE JOB SITE, AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK.

DIRECTIONS

DIRECTIONS FROM RALEIGH-DURHAM INTERNATIONAL AIRPORT:

GET ON I-40 E FROM AIRPORT BLVD. FOLLOW I-40 E AND TAKE EXIT 328A TO MERGE ONTO I-95 S TOWARD BENSON/FAYETTEVILLE. KEEP LEFT TO STAY ON I-95 S. TAKE EXIT 31 FOR NC-20 TOWARD ST PAULS/RAEFORD. TURN RIGHT ONTO NC-20. CONTINUE FOR 2.3 MILES AND THE DESTINATION WILL BE ON THE RIGHT.

VICINITY MAP

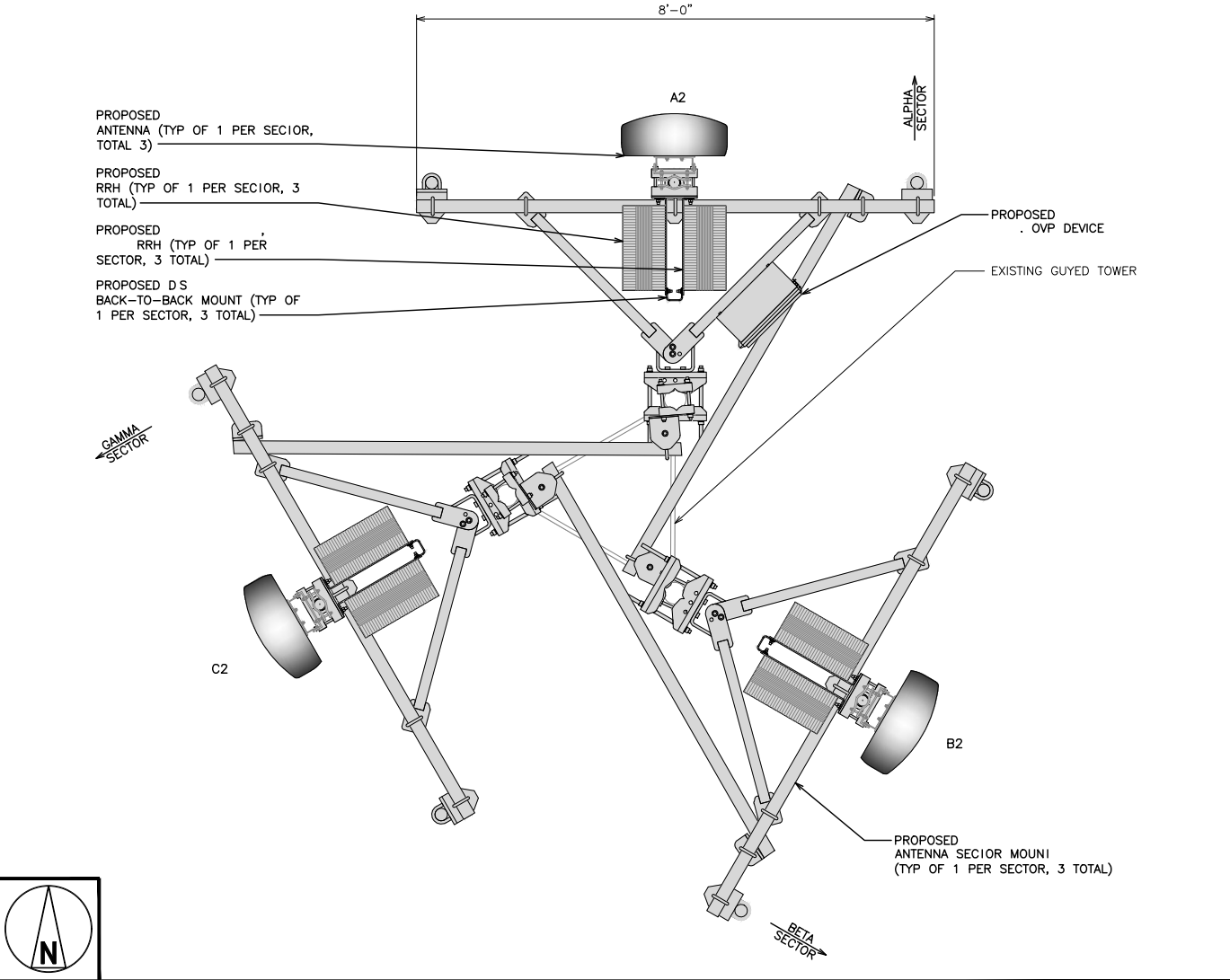
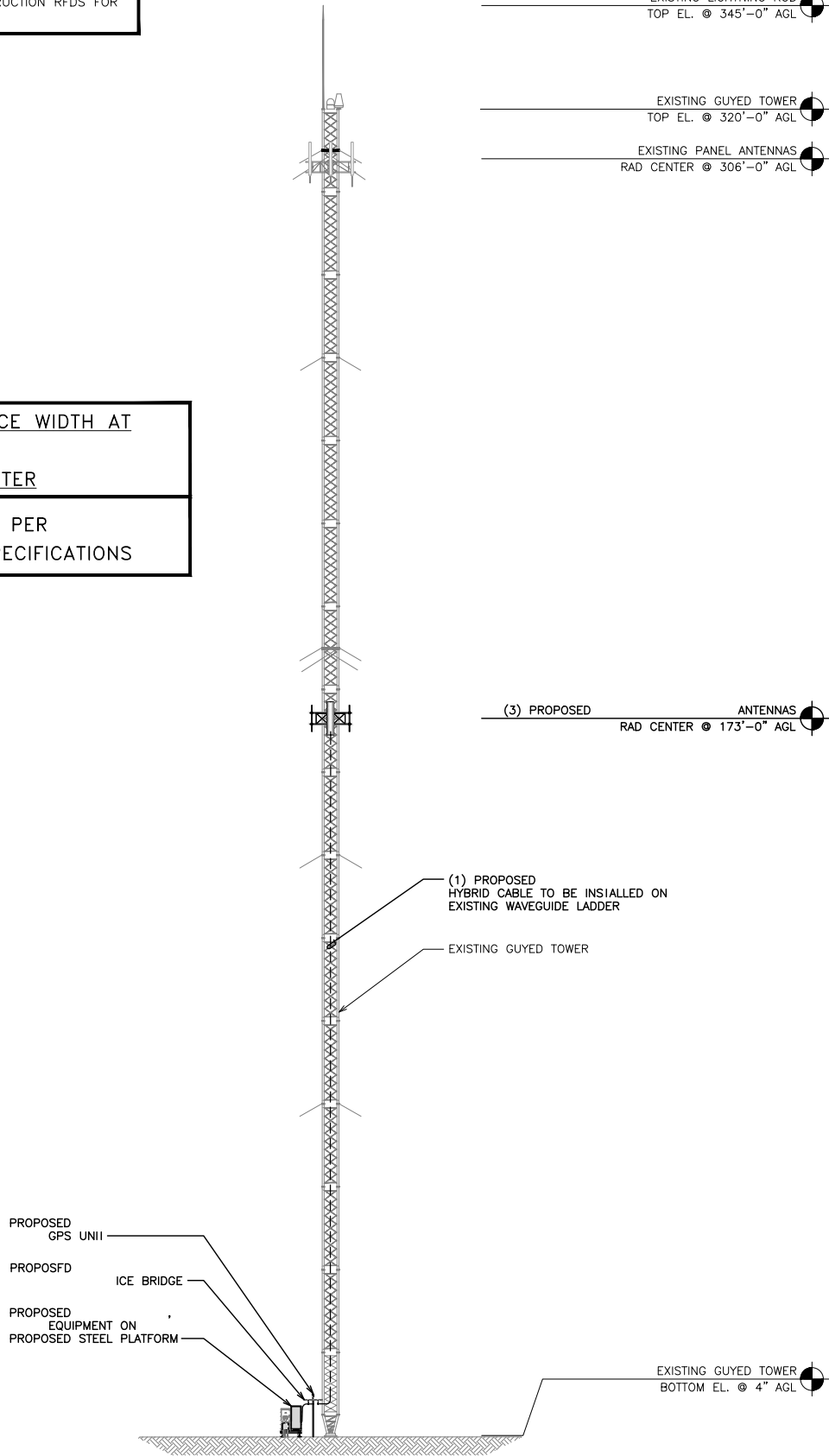


- NOTES
1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.

2. ANTENNA SPECIFICATIONS REFER TO ANTENNA SCHEDULE AND TO FINAL CONSTRUCTION RFDS FOR ALL RF DETAILS.

GUYED TOWER FACE WIDTH AT
RAD CENTER

3'-9" AS PER
TOWER OWNER SPECIFICATIONS



ANTENNA LAYOUT

12" 6" 0 1' 2' 3'
3/4"=1'-0"

2

SECTOR POS.	ANTENNA					TRANSMISSION CABLE	RRH			OVP
	EXISTING OR PROPOSED	MANUFACTURER - MODEL NUMBER	TECH	AZIMUTH	RAD CENTER	FEED LINE TYPE AND LENGTH	MANUFACTURER - MODEL NUMBER	TECH	POS.	MANUFACTURER MODEL
A1	--	--	--	--	--	(1) HIGH-CAPACITY HYBRID CABLE (210' LONG)	FUJITSU - TA08025-B604	5G	A2	RAYCAP RDIC-9181-PF-48
A2	PROPOSED	JMA WIRELESS-MX08FR0665-21	5G	0°	173'-0"		FUJITSU - TA08025-B605	5G	A2	
A3	--	--	--	--	--		--	--	--	
B1	--	--	--	--	--	SHARED W/ALPHA	FUJITSU - TA08025-B604	5G	B2	SHARED W/ALPHA
B2	PROPOSED	JMA WIRELESS-MX08FR0665-21	5G	120°	173'-0"		FUJITSU - TA08025-B605	5G	B2	
B3	--	--	--	--	--		--	--	--	
C1	--	--	--	--	--	SHARED W/ALPHA	FUJITSU - TA08025-B604	5G	C2	SHARED W/ALPHA
C2	PROPOSED	JMA WIRELESS-MX08FR0665-21	5G	240°	173'-0"		FUJITSU - TA08025-B605	5G	C2	
C3	--	--	--	--	--		--	--	--	

- NOTES
1. CONTRACTOR TO REFER TO FINAL CONSTRUCTION RFDS FOR ALL RF DETAILS.

2. ANTENNA AND RRH MODELS MAY CHANGE DUE TO EQUIPMENT AVAILABILITY. ALL EQUIPMENT CHANGES MUST BE APPROVED AND REMAIN IN COMPLIANCE WITH THE PROPOSED DESIGN AND STRUCTURAL ANALYSES.

PROPOSED NORTHEAST ELEVATION

20' 10' 0 20' 40'
1"=20'

1

ANTENNA SCHEDULE

NO SCALE

3