



SITE PHOTO



at&t

PROJECT: AT&T COLOCATION
 SITE #: YA4758
 FA #: 14647600
 PTN #: 3801A0HWRZ
 PACE #: MRWOR035067
 USID #: 251293
 SITE NAME: CLE ELUM
 SITE ADDRESS: REFERENCE ADDRESS: 404 W 6TH ST
 CLE ELUM, WA 98922
 PARCEL #: 16953
 COUNTY: KITTITAS
 JURISDICTION: KITTITAS COUNTY



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Prepared By:

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 FROM ZERO TO INFINIGY

the solutions are endless
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Prepared For:



11410 NE 122ND WAY, SUITE 102
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Engineer Stamp:

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Signed: _____ Date: _____

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NOT FOR CONSTRUCTION

B REVISED PER COMMENTS DZ 06/11/19

A ISSUED FOR REVIEW DZ 05/20/19

Rev. Submittal / Revision App'd Date

Designed: BA Date: 05/11/19

Approved: PG Date: 05/11/19

Project Number: 499-037

Project Title: AT&T SITE ID:
 YA4758
 FA LOCATION:
 14647600
 SITE ADDRESS:
 REFERENCE ADDRESS: 404 W 6TH ST
 CLE ELUM, WA 98922
 PARCEL #:
 16953
 SITE NAME:
 CLE ELUM
 LTE 6C

Drawing Scale: AS NOTED Date: 06/11/19 **CD**

Drawing Title: TITLE SHEET

Drawing Number: T-1

PROJECT SUMMARY

SITE NAME: CLE ELUM
 COUNTY: KITTITAS COUNTY
 ADDRESS: REFERENCE ADDRESS: 404 W 6TH ST
 CLE ELUM, WA 98922

ZONING: FOREST AND RANGE
 LOT SIZE: ±4.39 ACRES
 APN: 16953
 USE & OCCUPANCY GROUP: U - UTILITY & MISCELLANEOUS

SITE #: YM4758
 FA #: 14647600
 PTN #: 3801A0HWRZ

LATITUDE: 47.201928° (47° 12' 06.94" N)
 LONGITUDE: -120.943642° (-120° 56' 37.11" W)
 GROUND ELEVATION: ±2158.7'

TOWER OWNER: US CELLULAR
 CONTACT: PYRAMID NETWORKS - KEN MCMASTER
 ADDRESS: 11765 GRASSLAND PARKWAY, SUITE A.
 ALPHARETTA, GA 30004
 PHONE: (878) 382-5672
 EMAIL: APP@USCOLLOCATIONS.COM

GROUND OWNER: CITY OF CLE ELUM
 CONTACT: LUCY TEMPLE
 ADDRESS: 119 W. 1ST STREET
 CLE ELUM, WA 98922
 PHONE: (509) 674-2282

APPLICANT: NEW CINGULAR WIRELESS PCS, LLC
 18801 SW 72ND AVENUE #200
 TUALATIN, OR 97062

AT&T PROJECT MANAGER: RANDY MORRISON
 AT&T CONSTRUCTION: T.B.D.

VICINITY MAP



LOCATION MAP



DIRECTIONS:

- DIRECTIONS FROM AT&T REGIONAL OFFICE:
- REDMOND TOWN CENTER -- 7525 166TH AVE NE, REDMOND, WA
 - TURN LEFT ONTO NE 76TH ST.
 - AT THE TRAFFIC CIRCLE, CONTINUE STRAIGHT.
 - TURN LEFT ONTO LEARY WAY.
 - MERGE ONTO WA-520 W.
 - TAKE THE I-405 S EXIT TOWARD RENTON TO MERGE ONTO I-405 S.
 - TAKE EXIT 11 TO MERGE ONTO I-90 E.
 - TAKE EXIT 84 TOWARD CLE ELUM.
 - TURN LEFT ONTO STRATFORD ST.
 - CONTINUE LEFT ONTO W 5TH ST.
 - TURN RIGHT ONTO REED ST.
 - TURN RIGHT ONTO W 6TH ST.
 - DESTINATION WILL BE ON THE LEFT.

LEGAL DESCRIPTION

ACRES 4.39, CO. 6290-3; SEC. 27, TWP. 20, RGE. 15; PTN. N1/2 NE1/4 (PTN. PARCELS A & B. B27/P62)

DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.



TO OBTAIN LOCATION OF PARTICIPANTS UNDERGROUND FACILITIES BEFORE YOU DIG IN WASHINGTON, CALL UTILITY NOTIFICATION CENTER
 TOLL FREE: 1-800-424-5555 OR
 www.callbeforeyoudig.org

Know what's below.
 Call before you dig.

WASHINGTON STATE
 REQUIRES MIN OF 2
 WORKING DAYS NOTICE
 BEFORE YOU EXCAVATE

BUILDING CODES

2015 INTERNATIONAL BUILDING CODE
 2015 INTERNATIONAL MECHANICAL CODE
 2017 NATIONAL ELECTRICAL CODE

HTTPS://WWW.CO.KITTITAS.WA.US/BOC/COUNTYCODE/TITLE14.ASPX#14.04.010

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Crossed out sheets will be provided with the Building Permit

PROJECT LIST

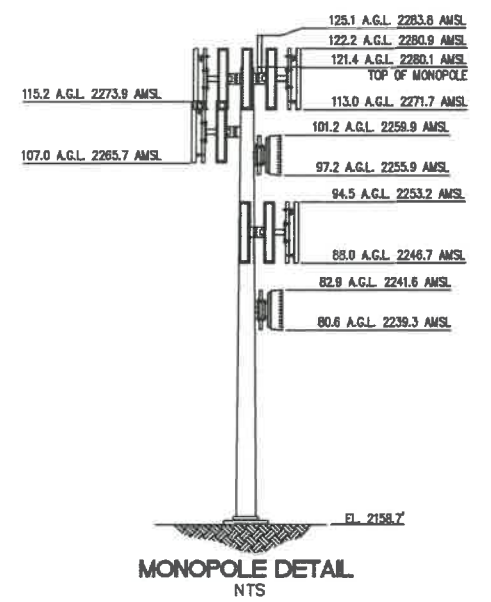
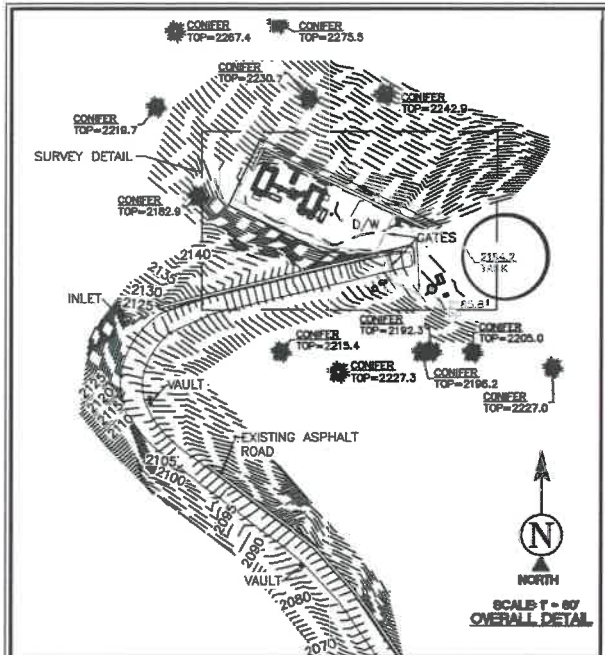
- LTE 6C
- THESE DRAWINGS ARE BASED ON AT&T RFDS DOCUMENT DATED 5/9/19.
 - CONTRACTOR TO CONFIRM LATEST VERSION OF THE RFDS WITH THE CD'S SCOPE OF WORK.

PROJECT DESCRIPTION

AT&T PROPOSES THE MODIFICATION OF AN UNMANNED TELECOMMUNICATION FACILITY CONSISTING OF INSTALLING AN AT&T 6'-8"x6'-8" EQUIPMENT SHELTER IN A NEW 10'x10' LEASE AREA AND INSTALLATION OF AT&T ANTENNA EQUIPMENT ON A ±20' TOWER EXTENSION WITH A 4' LIGHTNING ROD (OVERALL HEIGHT TO BE 144') ON AN EXISTING 121'-5" MONOPOLE TOWER. NO WATER OR SEWER REQUIRED.

- (1) NEW THREE-SECTOR ANTENNA MOUNT
- (6) NEW ANTENNAS
- (12) NEW RRHs
- (2) NEW RAYCAP SURGE SUPPRESSORS
- (2) NEW FIBER LINES AND (6) NEW DC POWER LINES
- (1) NEW PRE-FABRICATED EQUIPMENT SHELTER WITH NEW GPS ANTENNA, 1-TON WALL MOUNTED HVAC UNIT
- (1) 30KW DIESEL GENERATOR; ON 4'x10' CONCRETE PAD
- INSTALL NEW 200A ELECTRICAL SERVICE

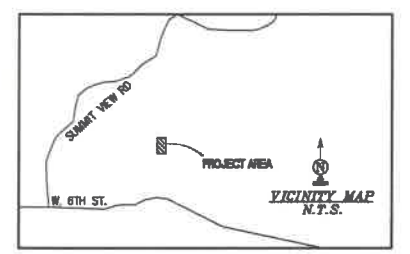
• ALL WORK SHALL BE INSTALLED IN CONFORMANCE WITH CURRENT AT&T CONSTRUCTION INSTALLATION GUIDE.
 • EXISTING CONDITIONS WILL BE CHANGED & VERIFIED IN FIELD. IF SIGNIFICANT DEVIATIONS OR DETERIORATIONS ARE ENCOUNTERED AT THE TIME OF CONSTRUCTION, A REPAIR PERMIT WILL BE OBTAINED & CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
 • THESE DRAWINGS ARE FULL SIZE & SCALABLE ON 11" X 17" SHEET SIZE.
 • STATEMENT OF COMPLIANCE WITH ENERGY CODE IS NOT REQUIRED.
 • SCOPE OF WORK DOES NOT INVOLVE MODIFICATIONS TO EXTERIOR ENVELOPE OF BUILDING, HVAC SYSTEMS OR ELECTRICAL LIGHTING.



LEGEND

AP	ASPHALT	AC	AIR CONDITIONING UNIT
BLDG	TOP OF BUILDING	U	UTILITY MANHOLES
CLF	CHAIN LINK FENCE	ET	ELECTRICAL TRANSFORMER
D/W	ACCESS DRIVEWAY	UV	UTILITY VAULT
IB	ICE BRIDGE	GC	POSITION OF GEODETIC COORDINATES
NG	NATURAL GRADE	SE	SPOT ELEVATION
PT	PINE TREES		

---	CHAIN LINK FENCE
---	EXISTING BUILDINGS
---	SUBJECT PROPERTY LINE
---	ADJACENT PROPERTY LINE
---	LEASE AREA LIMITS
---	MAJOR CONTOUR INTERVAL
---	MINOR CONTOUR INTERVAL



POSITION OF GEODETIC COORDINATES
 LATITUDE 47° 12' 06.94" (47.201928°) NORTH (NAD83)
 LONGITUDE 120° 58' 37.11" (120.943642°) WEST (NAD83)
 GROUND ELEVATION @ 2158.7' (NAVD88)

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 JUL 02 2019
 Kittitas Co. CDS

SURVEY DATE
 04/16/2019

BASIS OF BEARING
 BEARINGS SHOWN HEREON ARE BASED UPON U.S. STATE PLANE NAD83 COORDINATE SYSTEM WASHINGTON STATE PLANE COORDINATE ZONE SOUTH, DETERMINED BY GPS OBSERVATIONS.

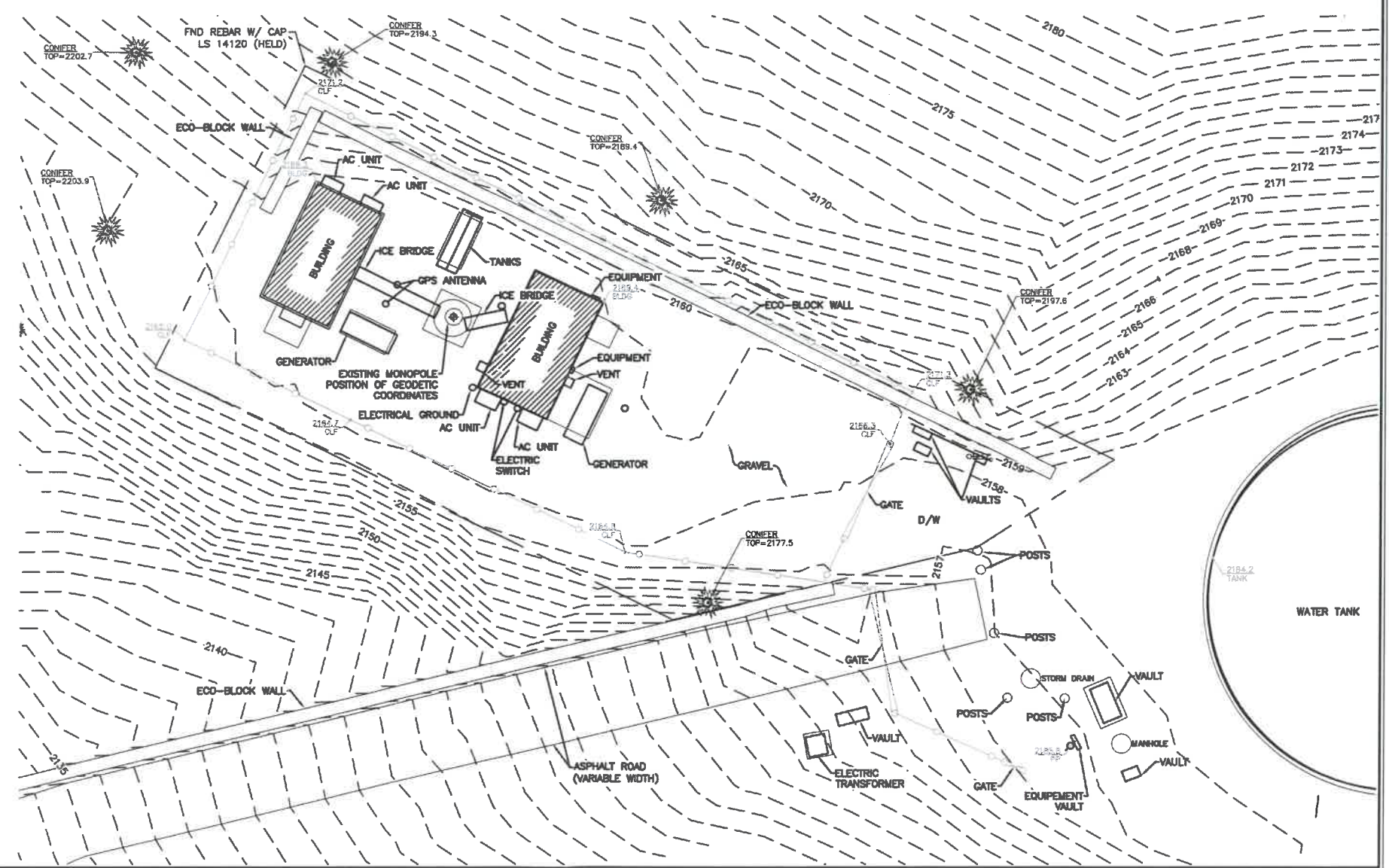
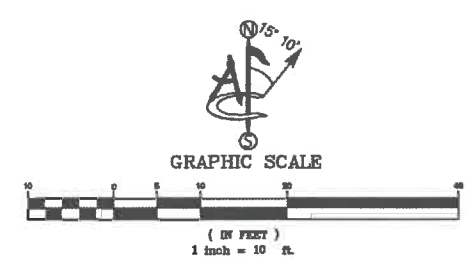
BENCHMARK
 PROJECT ELEVATIONS ESTABLISHED FROM GPS DERIVED ORTHOMETRIC HEIGHTS BY APPLICATION OF NGS 'GEOID 12B' MODELED SEPARATIONS TO ELLIPSOID HEIGHTS DETERMINED BY REAL TIME KINETIC (RTK) GPS DATA PROCESSED ON THE WASHINGTON STATE REFERENCE NETWORK (WSRN). ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO THE NAVD88 DATUM.

FLOOD ZONE
 THIS PROJECT APPEARS TO BE LOCATED WITHIN FLOOD ZONE "C", AREA OF MINIMAL FLOODING, ACCORDING TO FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP(S), MAP ID #5300950234B, DATED 05/05/1981

UTILITY NOTES
 SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS ARE DEFINITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT BLUE STAKE AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. REMOVAL, RELOCATION AND/OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.

TITLE REPORT NOTE
 THIS MAP WAS PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT. THIS MAP IS SUBJECT TO ALL LEGAL EASEMENTS AND RIGHTS-OF-WAY, PUBLIC OR PRIVATE, THAT WOULD BE DISCLOSED IN SUCH TITLE REPORT.

LESSOR'S LEGAL DESCRIPTION
 TO BE PROVIDED BY TITLE



PROJECT INFORMATION:
 CLE ELUM
 CLE ELUM, WA, 98922
 KITTITAS COUNTY

ORIGINAL ISSUE DATE:
 04/18/2019

REV.	DATE	DESCRIPTION	BY
A	04/18/19	PRELIMINARY	MW
B	05/03/19	UPDATED (A) TOWER DETAIL	CK

PLANS PREPARED BY:

FROM ZERO TO INFINIGY
 the solutions are endless

CONSULTANT:

245 SAINT HELENS AVE.
 SUITE 3A
 TACOMA, WASHINGTON 98402
 PH. (253) 572-9181
 www.ambitconsulting.us

DRAWN BY: _____ CHK.: _____ APV.: _____

MW	SR	SR
----	----	----

LICENSER:

PRELIMINARY

SHEET TITLE:
 SITE SURVEY

SHEET NUMBER:
 LS-1

GENERAL CONSTRUCTION

1. FOR THE PURPOSE OF CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITIONS SHALL APPLY:
CONTRACTOR/CM - NEXIUS
SUB-CONTRACTOR - T.B.D
OWNER - AT&T WIRELESS
2. ALL SITE WORK SHALL BE COMPLETED AS INDICATED ON THE DRAWINGS AND AT&T PROJECT SPECIFICATIONS.
3. GENERAL CONTRACTOR SHALL VISIT THE SITE AND SHALL FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS, DIMENSIONS, AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES, ERRORS, OMISSIONS, OR INCONSISTENCIES IN PLANS, DOCUMENTS, OR SPECIFICATIONS (INCLUDING, BUT NOT LIMITED BY, DEMOLITION) SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CORRECTING ANY DISCREPANCY, ERROR, OMISSION, OR INCONSISTENCY AFTER THE START OF CONSTRUCTION WHICH HAS NOT BEEN BROUGHT TO THE ATTENTION OF ENGINEER, AT&T, AND TOWER OWNER PROJECT MANAGERS AND SHALL INCUR ANY EXPENSES TO RECTIFY THE SITUATION. THE MEANS OF CORRECTING ANY ERROR SHALL FIRST BE APPROVED BY THE ENGINEER, TOWER OWNER, AND AT&T CONSTRUCTION PROJECT MANAGER.
4. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. GENERAL CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF WORK.
5. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES, AND APPLICABLE REGULATIONS.
6. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
7. PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY UNLESS OTHERWISE NOTED. DIMENSIONS SHOWN ARE TO FINISH SURFACES UNLESS OTHERWISE NOTED. SPACING BETWEEN EQUIPMENT IS THE MINIMUM REQUIRED CLEARANCE. THEREFORE, IT IS CRITICAL TO FIELD VERIFY DIMENSIONS, SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK. DETAILS ARE INTENDED TO SHOW DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF WORK AND PREPARED BY THE ENGINEER PRIOR TO PROCEEDING WITH WORK.
8. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
9. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION FOR APPROVAL BY THE ENGINEER PRIOR TO PROCEEDING.
10. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF WORK AREA, ADJACENT AREAS AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFIRM TO ALL OSHA REQUIREMENTS AND THE LOCAL JURISDICTION.
11. GENERAL CONTRACTOR SHALL COORDINATE WORK AND SCHEDULE WORK ACTIVITIES WITH OTHER DISCIPLINES.
12. ERECTION SHALL BE DONE IN A WORKMANLIKE MANNER BY COMPETENT EXPERIENCED WORKMAN IN ACCORDANCE WITH APPLICABLE CODES AND THE BEST ACCEPTED PRACTICE. ALL MEMBERS SHALL BE LAID PLUMB AND TRUE AS INDICATED ON THE DRAWINGS.
13. SEAL PENETRATIONS THROUGH FIRE RATED AREAS WITH UL LISTED MATERIALS APPROVED BY LOCAL JURISDICTION. CONTRACTOR SHALL KEEP AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DEBRIS.
14. WORK PREVIOUSLY COMPLETED IS REPRESENTED BY LIGHT SHADED LINES AND NOTES. THE SCOPE OF WORK FOR THIS PROJECT IS REPRESENTED BY DARK SHADED LINES AND NOTES. CONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY EXISTING CONDITIONS THAT DEVIATE FROM THE DRAWINGS PRIOR TO BEGINNING CONSTRUCTION.
15. CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE CONSTRUCTION MANAGER 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
16. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
17. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
18. GENERAL CONTRACTOR SHALL COORDINATE AND MAINTAIN ACCESS FOR ALL TRADES AND CONTRACTORS TO THE SITE AND/OR BUILDING.
19. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SECURITY OF THE SITE FOR THE DURATION OF CONSTRUCTION UNTIL JOB COMPLETION.
20. THE GENERAL CONTRACTOR SHALL MAINTAIN IN GOOD CONDITION ONE COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDA, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES.
21. THE GENERAL CONTRACTOR SHALL PROVIDE PORTABLE FIRE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 2-A OR 2-A-10-B-C AND SHALL BE WITHIN 25 FEET OF TRAVEL DISTANCE TO ALL PORTIONS OF WHERE THE WORK IS BEING COMPLETED DURING CONSTRUCTION.
22. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS SHALL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION, B) CONFINED SPACE, C) ELECTRICAL SAFETY, AND D) TRENCHING & EXCAVATION.
23. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED, CAPPED, PLUGGED OR OTHERWISE DISCONNECTED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, AS DIRECTED BY THE RESPONSIBLE ENGINEER, AND SUBJECT TO THE APPROVAL OF THE OWNER AND/OR LOCAL UTILITIES.
24. THE AREAS OF THE OWNER'S PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION.

25. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO THE EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE FEDERAL AND LOCAL JURISDICTION FOR EROSION AND SEDIMENT CONTROL.
26. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUNDING. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
27. THE SUBGRADE SHALL BE BROUGHT TO A SMOOTH UNIFORM GRADE AND COMPACTED TO 95 PERCENT STANDARD PROCTOR DENSITY UNDER PAVEMENT AND STRUCTURES AND 80 PERCENT STANDARD PROCTOR DENSITY IN OPEN SPACE. ALL TRENCHES IN PUBLIC RIGHT OF WAY SHALL BE BACKFILLED WITH FLOWABLE FILL OR OTHER MATERIAL PRE-APPROVED BY THE LOCAL JURISDICTION.
28. ALL NECESSARY RUBBISH, STUMPS, DEBRIS, STICKS, STONES, AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER.
29. ALL BROCHURES, OPERATING AND MAINTENANCE MANUALS, CATALOGS, SHOP DRAWINGS, AND OTHER DOCUMENTS SHALL BE TURNED OVER TO THE GENERAL CONTRACTOR AT COMPLETION OF CONSTRUCTION AND PRIOR TO PAYMENT.
30. CONTRACTOR SHALL SUBMIT A COMPLETE SET OF AS-BUILT REDLINES TO THE GENERAL CONTRACTOR UPON COMPLETION OF PROJECT AND PRIOR TO FINAL PAYMENT.
31. CONTRACTOR SHALL LEAVE PREMISES IN A CLEAN CONDITION.
32. THE PROPOSED FACILITY WILL BE UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SEWER SERVICE, AND IS NOT FOR HUMAN HABITAT (NO HANDICAP ACCESS REQUIRED).
33. OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION, APPROXIMATELY 2 TIMES PER MONTH, BY AT&T TECHNICIANS.
34. NO OUTDOOR STORAGE OR SOLID WASTE CONTAINERS ARE NEW.
35. ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST REVISION AT&T MOBILITY GROUNDING STANDARD "TECHNICAL SPECIFICATION FOR CONSTRUCTION OF GSM/GPRS WIRELESS SITES", "TECHNICAL SPECIFICATION FOR FACILITY GROUNDING", ATT-TP-76300, AND ATT-TP-76416. IN CASE OF A CONFLICT BETWEEN THE CONSTRUCTION SPECIFICATION AND THE DRAWINGS, THE DRAWINGS SHALL GOVERN.
36. CONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS REQUIRED FOR CONSTRUCTION. IF CONTRACTOR CANNOT OBTAIN A PERMIT, THEY MUST NOTIFY THE GENERAL CONTRACTOR IMMEDIATELY.
37. CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
38. INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM SITE VISITS AND/OR DRAWINGS PROVIDED BY THE SITE OWNER. CONTRACTORS SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
39. NO WHITE STROBE LIGHTS ARE PERMITTED. LIGHTING IF REQUIRED, WILL MEET FAA STANDARDS AND REQUIREMENTS.

ANTENNA MOUNTING

40. DESIGN AND CONSTRUCTION OF ANTENNA SUPPORTS SHALL CONFORM TO CURRENT ANSI/TIA-222 OR APPLICABLE LOCAL CODES.
41. ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT-DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS", UNLESS NOTED OTHERWISE.
42. ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC-COATING (HOT-DIP) ON IRON AND STEEL HARDWARE", UNLESS NOTED OTHERWISE.
43. DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED BY COLD GALVANIZING IN ACCORDANCE WITH ASTM A780.
44. ALL ANTENNA MOUNTS SHALL BE INSTALLED WITH LOCK NUTS, DOUBLE NUTS AND SHALL BE TORQUED TO MANUFACTURER'S RECOMMENDATIONS.
45. CONTRACTOR SHALL INSTALL ANTENNA PER MANUFACTURER'S RECOMMENDATION FOR INSTALLATION AND GROUNDING.
46. ALL UNUSED PORTS ON ANY ANTENNAS SHALL BE CAPPED OFF WITH A DF-CAPKIT OR OTHER AT&T APPROVED METHOD, TO ENSURE ANTENNAS PERFORM AS DESIGNED.
47. PRIOR TO SETTING ANTENNA AZIMUTHS AND DOWNTILTS, ANTENNA CONTRACTOR SHALL CHECK THE ANTENNA MOUNT FOR TIGHTNESS AND ENSURE THAT THEY ARE PLUMB. ANTENNA AZIMUTHS SHALL BE SET FROM TRUE NORTH AND BE ORIENTED WITHIN +/- 3° AS DEFINED BY THE RFDS. ANTENNA DOWNTILTS SHALL BE WITHIN +/- 0.5° AS DEFINED BY THE RFDS. REFER TO ND-00246.
48. JUMPERS FROM THE TMA'S MUST TERMINATE TO OPPOSITE POLARIZATION'S IN EACH SECTOR.
49. CONTRACTOR SHALL RECORD THE SERIAL #, SECTOR, AND POSITION OF EACH ACTUATOR INSTALLED AT THE ANTENNAS AND PROVIDE THE INFORMATION TO AT&T.
50. TMA'S SHALL BE MOUNTED PER MANUFACTURER SPECIFICATION AND RECOMMENDATIONS.

TORQUE REQUIREMENTS

51. ALL RF CONNECTIONS SHALL BE TIGHTENED BY A TORQUE WRENCH.
52. ALL RF CONNECTIONS, GROUNDING HARDWARE AND ANTENNA HARDWARE SHALL HAVE A TORQUE MARK INSTALLED IN A CONTINUOUS STRAIGHT LINE FROM BOTH SIDES OF THE CONNECTION.
 - A. RF CONNECTION BOTH SIDES OF THE CONNECTOR.
 - B. GROUNDING AND ANTENNA HARDWARE ON THE NUT SIDE STARTING FROM THE THREADS TO THE SOLID SURFACE. EXAMPLE OF SOLID SURFACE: GROUND BAR, ANTENNA BRACKET METAL.

FIBER & POWER CABLE MOUNTING

53. THE FIBER OPTIC TRUNK CABLES SHALL BE INSTALLED INTO CONDUITS, CHANNEL CABLE TRAYS, OR CABLE TRAY. WHEN INSTALLING FIBER OPTIC TRUNK CABLES INTO A CABLE TRAY SYSTEM, THEY SHALL BE INSTALLED INTO AN INTER DUCT AND A PARTITION BARRIER SHALL BE INSTALLED BETWEEN THE 600 VOLT CABLES AND THE INTER DUCT IN ORDER TO SEGREGATE CABLE TYPES. OPTIC FIBER TRUNK CABLES SHALL HAVE APPROVED CABLE RESTRAINTS EVERY (60) SIXTY FEET AND SECURELY FASTENED TO THE CABLE TRAY SYSTEM. NFPA 70 (NEC) ARTICLE 770 RULES SHALL APPLY.

54. THE TYPE TC-ER CABLES SHALL BE INSTALLED INTO CONDUITS, CHANNEL CABLE TRAYS, OR CABLE TRAY AND SHALL BE SECURED AT INTERVALS NOT EXCEEDING (6) SIX FEET. AN EXCEPTION; WHERE TYPE TC-ER CABLES ARE NOT SUBJECT TO PHYSICAL DAMAGE, CABLES SHALL BE PERMITTED TO MAKE A TRANSITION BETWEEN CONDUITS, CHANNEL CABLE TRAYS, OR CABLE TRAY WHICH ARE SERVING UTILIZATION EQUIPMENT OR DEVICES, A DISTANCE (6) SIX FEET SHALL NOT BE EXCEEDED WITHOUT CONTINUOUS SUPPORTING. NFPA 70 (NEC) ARTICLES 336 AND 392 RULES SHALL APPLY.
55. WHEN INSTALLING OPTIC FIBER TRUNK CABLES OR TYPE TC-ER CABLES INTO CONDUITS, NFPA 70 (NEC) ARTICLE 300 RULES SHALL APPLY.

COAXIAL CABLE NOTES

56. TYPES AND SIZES OF THE ANTENNA CABLE ARE BASED ON ESTIMATED LENGTHS. PRIOR TO ORDERING CABLE, CONTRACTOR SHALL VERIFY ACTUAL LENGTH BASED ON CONSTRUCTION LAYOUT AND NOTIFY THE PROJECT MANAGER IF ACTUAL LENGTHS EXCEED ESTIMATED LENGTHS.
57. CONTRACTOR SHALL VERIFY THE DOWN-TILT OF EACH ANTENNA WITH A DIGITAL LEVEL.
58. CONTRACTOR SHALL CONFIRM COAX COLOR CODING PRIOR TO CONSTRUCTION.
59. ALL JUMPERS TO THE ANTENNAS FROM THE MAIN TRANSMISSION LINE SHALL BE PER AT&T STANDARDS.
60. ALL COAXIAL CABLE SHALL BE SECURED TO THE DESIGNED SUPPORT STRUCTURE, IN AN APPROVED MANNER, AT DISTANCES NOT TO EXCEED 4'-0" OC.
61. CONTRACTOR SHALL FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS REGARDING BOTH THE INSTALLATION AND GROUNDING OF ALL COAXIAL CABLES, CONNECTORS, ANTENNAS, AND ALL OTHER EQUIPMENT.
62. CONTRACTOR SHALL GROUND ALL EQUIPMENT, INCLUDING TMA'S, RRH'S AND COAX CABLES AS A COMPLETE SYSTEM. GROUNDING SHALL BE EXECUTED BY QUALIFIED WIREMEN IN COMPLIANCE WITH MANUFACTURER'S SPECIFICATION AND RECOMMENDATION.
63. CONTRACTOR SHALL PROVIDE STRAIN-RELIEF AND CABLE SUPPORTS FOR ALL CABLE ASSEMBLIES, COAX CABLES, AND RET CONTROL CABLES. CABLE STRAIN-RELIEFS AND CABLE SUPPORTS SHALL BE APPROVED FOR THE PURPOSE. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
64. CONTRACTOR TO VERIFY THAT EXISTING COAX HANGERS ARE STACKABLE SNAP IN HANGERS. IF EXISTING HANGERS ARE NOT STACKABLE SNAP IN HANGERS THE CONTRACTOR SHALL REPLACE EXISTING HANGERS WITH PROPOSED SNAP IN HANGERS IF APPLICABLE.


GENERAL CABLE AND EQUIPMENT NOTES

65. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ANTENNA, TMA'S, DIPLEXERS, AND COAX CONFIGURATION, MAKE AND MODELS PRIOR TO INSTALLATION.
66. ALL CONNECTIONS FOR HANGERS, SUPPORTS, BRACING, ETC. SHALL BE INSTALLED PER TOWER MANUFACTURER'S RECOMMENDATIONS.
67. CONTRACTOR SHALL REFERENCE THE TOWER STRUCTURAL ANALYSIS/DESIGN DRAWINGS FOR DIRECTIONS ON CABLE DISTRIBUTION/ROUTING.
68. ALL OUTDOOR RF CONNECTORS/CONNECTIONS SHALL BE WEATHERPROOFED, EXCEPT THE RET CONNECTORS, USING BUTYL TAPE AFTER INSTALLATION AND FINAL CONNECTIONS ARE MADE. BUTYL TAPE SHALL HAVE A MINIMUM OF ONE-HALF TAPE WIDTH OVERLAP ON EACH TURN AND EACH LAYER SHALL BE WRAPPED THREE TIMES. WEATHERPROOFING SHALL BE SMOOTH WITHOUT BUCKLING. BUTYL BLEEDING IS NOT ALLOWED. OTHER APPROVED WEATHERPROOFING METHODS PER AT&T SPECIFICATIONS ARE ALLOWED.
69. IF REQUIRED TO PAINT ANTENNAS AND/OR COAX:
 - a. TEMPERATURE SHALL BE ABOVE 50° F.
 - b. PAINT COLOR MUST BE APPROVED BY BUILDING OWNER/LANDLORD.
 - c. FOR REGULATED TOWERS, FAA/FCC APPROVED PAINT IS REQUIRED.
 - d. DO NOT PAINT OVER COLOR CODING OR ON EQUIPMENT MODEL NUMBERS.
70. ALL CABLES SHALL BE GROUNDED WITH COAXIAL CABLE GROUND KITS. FOLLOW THE MANUFACTURER'S RECOMMENDATIONS.
 - a. GROUNDING AT THE ANTENNA LEVEL.
 - b. GROUNDING AT MID LEVEL, TOWERS WHICH ARE OVER 200'-0", ADDITIONAL CABLE GROUNDING REQUIRED.
 - c. GROUNDING AT BASE OF TOWER PRIOR TO TURNING HORIZONTAL.
 - d. GROUNDING OUTSIDE THE EQUIPMENT SHELTER AT ENTRY PORT.
 - e. GROUNDING INSIDE THE EQUIPMENT SHELTER AT THE ENTRY PORT.
71. ALL PROPOSED GROUND BAR DOWNLEADS ARE TO BE TERMINATED TO THE EXISTING ADJACENT GROUND BAR DOWNLEADS A MINIMUM DISTANCE OF 4'-0" BELOW GROUND BAR. TERMINATIONS MAY BE EXOTHERMIC OR COMPRESSION.

STRUCTURAL STEEL NOTES:

72. ALL STEEL WORK SHALL BE PAINTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND IN ACCORDANCE WITH ASTM A36 UNLESS OTHERWISE NOTED.
73. ALL WELDING SHALL BE PERFORMED USING E70XX ELECTRODES AND WELDING SHALL CONFORM TO AISC. WHERE FILLET WELD SIZES ARE NOT SHOWN, PROVIDE THE MINIMUM SIZE PER TABLE J2.4 IN THE AISC "MANUAL OF STEEL CONSTRUCTION". PAINTED SURFACES SHALL BE TOUCHED UP.
74. BOLTED CONNECTIONS SHALL BE ASTM A325 BEARING TYPE (3/4") CONNECTIONS AND SHALL HAVE MINIMUM OF TWO BOLTS UNLESS NOTED OTHERWISE.
75. NON-STRUCTURAL CONNECTIONS FOR STEEL GRATING MAY USE 5/8" DIA. ASTM A 307 BOLTS UNLESS NOTED OTHERWISE.
76. INSTALLATION OF CONCRETE EXPANSION/WEDGE ANCHOR, SHALL BE PER MANUFACTURER'S WRITTEN RECOMMENDED PROCEDURE. THE ANCHOR BOLT, DOWEL OR ROD SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR EMBEDMENT DEPTH OR AS SHOWN ON THE DRAWINGS. NO REBAR SHALL BE CUT WITHOUT PRIOR CONTRACTOR APPROVAL WHEN DRILLING HOLES IN CONCRETE. SPECIAL INSPECTIONS, REQUIRED BY GOVERNING CODES, SHALL BE PERFORMED IN ORDER TO MAINTAIN MANUFACTURER'S MAXIMUM ALLOWABLE LOADS.
77. ALL EXPANSION/WEDGE ANCHORS SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED. THE ANCHOR BOLT DOWEL AND ROD SHALL BE STAINLESS STEEL WITH STAINLESS STEEL WASHERS.

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Prepared For:



11410 NE 122ND WAY, SUITE 102
KIRKLAND, WASHINGTON 98034

Engineer Stamp:

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JUL 02 2019

Kititas Co. CDS

Signed: _____ Date: _____

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REVISED PER COMMENTS 02 06/11/19

A ISSUED FOR REVIEW 02 06/20/19

Rev. Submittal / Revision App'd Date

Designed: BA Date: 06/11/19

Approved: PR Date: 06/11/19

Project Number: 499-037

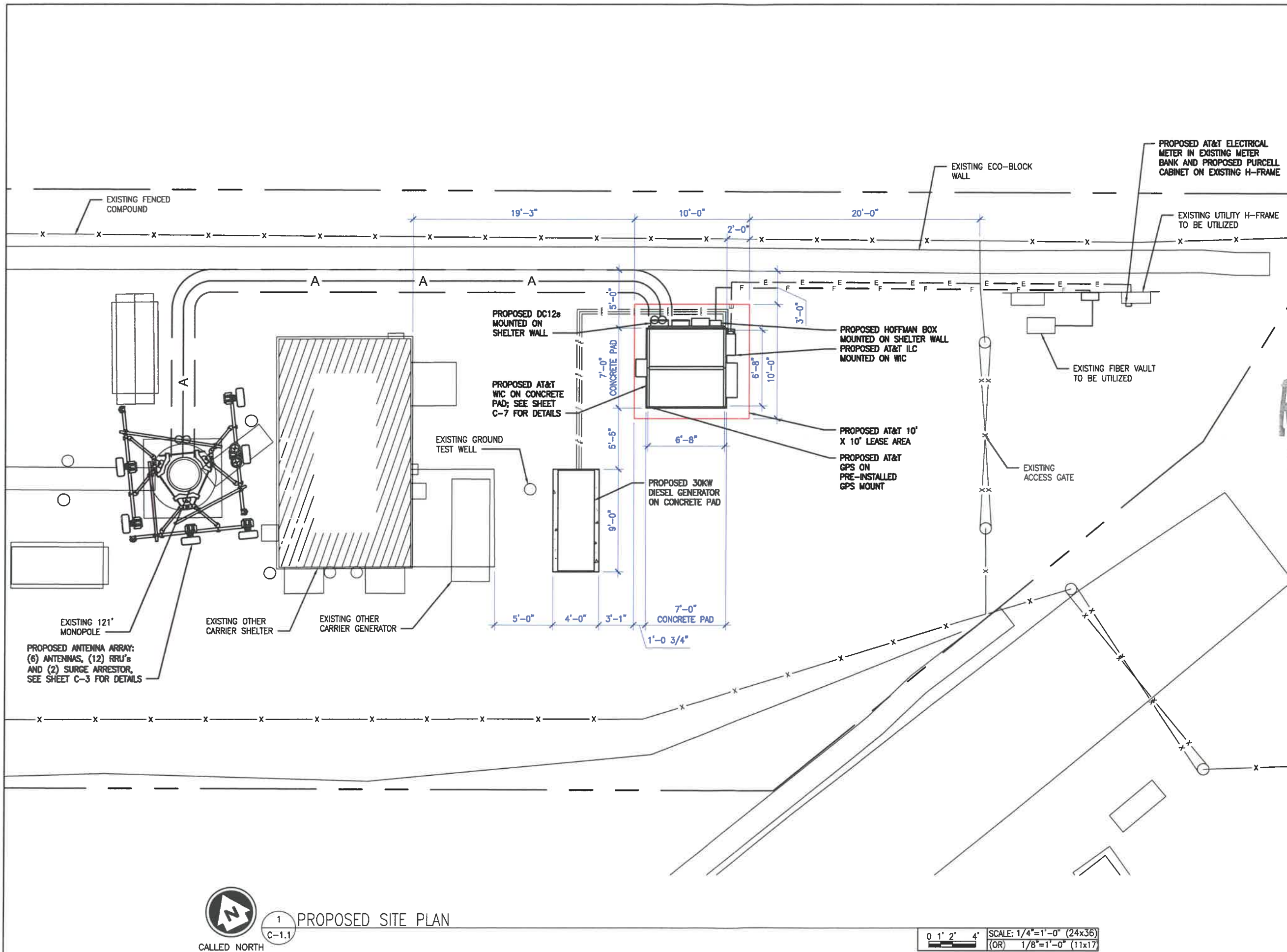
Project Title: AT&T SITE ID:
YA4758
FA LOCATION:
14647600
SITE ADDRESS:
REFERENCE ADDRESS: 404 W 6TH ST
CLE ELUM, WA 98922
PARCEL #:
16953
SITE NAME:
CLE ELUM
LTE 6C

Drawing Scale: AS NOTED Date: 06/11/19

CD

Drawing Title: GENERAL NOTES

Drawing Number: SP-1



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Rev.	Submitted / Revision	App'd	Date
B	REVISED PER COMMENTS	DZ	06/11/19
A	ISSUED FOR REVIEW	DZ	06/20/19

Designed: DA Date: 06/11/19
Approved: PE Date: 06/11/19

Project Number: 499-037

Project Title: AT&T SITE ID: YA4758
FA LOCATION: 14647600
SITE ADDRESS: REFERENCE ADDRESS: 404 W 6TH ST
CLE ELUM, WA 98922
PARCEL #: 16953
SITE NAME: CLE ELUM
LTE 6C

Drawing Scale: AS NOTED Date: 06/11/19 **CD**

Drawing Title: COMPOUND PLANS

Drawing Number: C-1.1

CALLED NORTH

1 PROPOSED SITE PLAN
C-1.1

0 1' 2' 4' SCALE: 1/4"=1'-0" (24x36)
(OR) 1/8"=1'-0" (11x17)

THESE PLANS HAVE BEEN DEVELOPED FOR THE MODIFICATION OF AN EXISTING UNMANNED TELECOMMUNICATIONS FACILITY OWNED OR LEASED BY AT&T IN ACCORDANCE WITH THE SCOPE OF WORK PROVIDED BY AT&T. INFINIGY HAS INCORPORATED THIS SCOPE OF WORK IN THE PLANS. THESE PLANS ARE NOT FOR CONSTRUCTION UNLESS ACCOMPANIED BY A PASSING STRUCTURAL STABILITY ANALYSIS PREPARED BY A LICENSED STRUCTURAL ENGINEER. STRUCTURAL ANALYSIS MUST INCLUDE BOTH TOWER AND MOUNT.

Carrier:

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B	REVISED PER COMMENTS	DZ	08/11/19
A	ISSUED FOR REVIEW	DZ	05/20/19
Rev.	Submital / Revision	App'd	Date

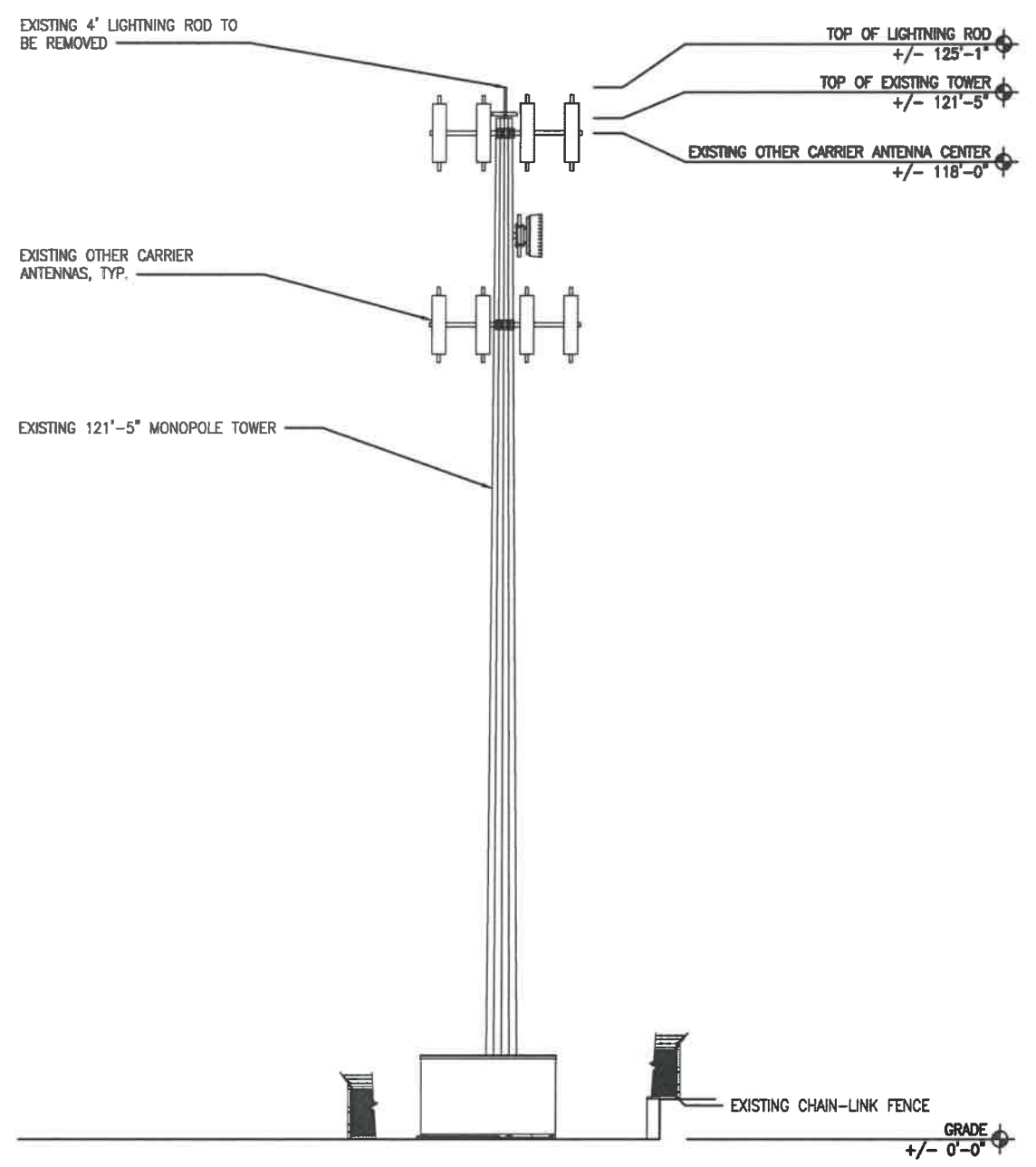
Project Number: 499-037

Project Title: AT&T SITE ID:
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 CLE ELUM, WA 98922
 PARCEL #:
 16953
 SITE NAME:
 CLE ELUM
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Drawing Scale: AS NOTED Date: 08/11/19 **CD**

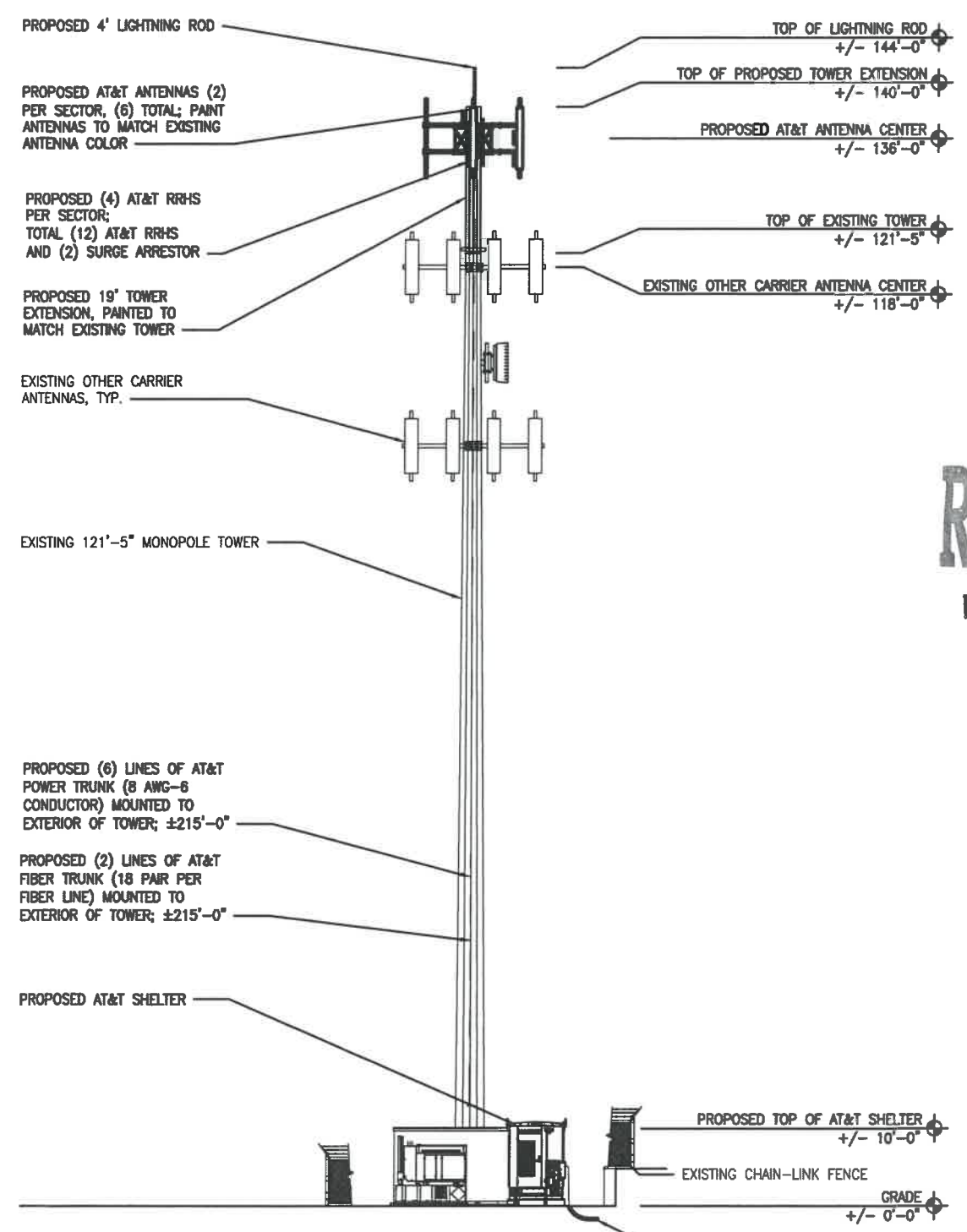
Drawing Title: ELEVATIONS

Drawing Number: C-2



1 EXISTING ELEVATION
 C-2

SCALE: 1"=10'-0" (24x36)
 (OR) 1/2"=10'-0" (11x17)



2 PROPOSED ELEVATION
 C-2

SCALE: 1"=10'-0" (24x36)
 (OR) 1/2"=10'-0" (11x17)