



VICINITY MAP

Please include:  
-lot size



**AMERICAN TOWER®**

**SITE NAME:** REBUILD TURKEY CREEK CO  
**SITE NUMBER:** 211173  
**SITE ADDRESS:** 2945 LITTLE TURKEY CREEK RD.  
 COLORADO SPRINGS, CO 80926

In the Letter of Intent, the tower height is sited at 79', please make sure all documents reflect same height

**DROP AND SWAP CONSTRUCTION DRAWINGS**



LOCATION MAP

Applicant is required to apply for a driveway access waiver prior to approval of a building permit. Instructions will be provided on EDARP.

**AMERICAN TOWER®**  
**ATC TOWER SERVICES, LLC**  
 3500 REGENCY PARKWAY  
 SUITE 100  
 CARY, NC 27518  
 PHONE: (919) 468-0112

THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATION AS INSTRUMENTS OR SERVICE ARE THE EXCLUSIVE PROPERTY OF AMERICAN TOWER. THEIR USE AND PUBLICATION SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY ARE PREPARED. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AMERICAN TOWER OR THE SPECIFIED CARRIER IS STRICTLY PROHIBITED. TITLE TO THESE DOCUMENTS SHALL REMAIN THE PROPERTY OF AMERICAN TOWER WHETHER OR NOT THE PROJECT IS EXECUTED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTOR(S) MUST VERIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OF ANY DISCREPANCIES. ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION ON FILE WITH AMERICAN TOWER.

REV.	DESCRIPTION	BY	DATE
A	PRELIM	AB	10/18/22

ATC SITE NUMBER:  
**211173**  
 ATC SITE NAME:  
**REBUILD TURKEY CREEK CO**  
 SITE ADDRESS:  
2945 LITTLE TURKEY CREEK RD  
 COLORADO SPRINGS, CO 80926

SEAL:

PRELIMINARY:  
 NOT FOR  
 CONSTRUCTION

DATE DRAWN:	10/18/22
ATC JOB NO:	14141546_D4
OPS JOB NO:	13734361
ATC LEGACY #:	419522

**TITLE SHEET**

SHEET NUMBER: **G-001**      REVISION: **A**

COMPLIANCE CODE	PROJECT SUMMARY	PROJECT DESCRIPTION	SHEET INDEX				
ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.  1. INTERNATIONAL BUILDING CODE (IBC) 2. NATIONAL ELECTRIC CODE (NEC) 3. LOCAL BUILDING CODE 4. CITY/COUNTY ORDINANCES	<u>SITE ADDRESS:</u> 2945 LITTLE TURKEY CREEK RD COLORADO SPRINGS, CO 80926 COUNTY: EL PASO  <u>GEOGRAPHIC COORDINATES:</u> LATITUDE: 38.653606° LONGITUDE: -104.870844° GROUND ELEVATION: 6707' AMSL	THIS PROJECT ENTAILS THE CONSTRUCTION OF A NEW 67' TOWER AND THE REMOVAL OF THE EXISTING TOWER ONCE THE NEW TOWER IS FULLY FUNCTIONAL.  <u>PROJECT NOTES</u> 1. THE FACILITY IS UNMANNED. 2. A TECHNICIAN WILL VISIT THE SITE APPROXIMATELY ONCE A MONTH FOR ROUTINE INSPECTION AND MAINTENANCE. 3. FACILITY WILL MEET OR EXCEEDS ALL FAA AND FCC REGULATORY REQUIREMENTS. 4. NO SANITARY SEWER, POTABLE WATER OR TRASH DISPOSAL IS REQUIRED. 5. HANDICAP ACCESS IS NOT REQUIRED. 6. THE FACILITY WILL NOT GENERATE NOISE IN EXCESS OF 50db AT THE PROPERTY LINES.	SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:
	<u>PROJECT LOCATION DIRECTIONS</u>  FROM COLORADO SPRINGS: HEAD SOUTH TOWARD PIKES PEAK AVE. TURN RIGHT AT THE 1ST CROSS STREET ONTO PIKES PEAK AVE. TURN LEFT AT THE 1ST CROSS STREET ONTO S NEVADA AVE. CONTINUE STRAIGHT ONTO CO-115 S/S NEVADA AVE. CONTINUE TO FOLLOW CO-115 S. CONTINUE STRAIGHT TO STAY ON CO-115 S. TURN RIGHT ONTO PSO CORTO. TURN LEFT AT THE 1ST CROSS STREET ONTO CLL CORVO	G-001 TITLE SHEET G-002 GENERAL NOTES  V-101 AS-BUILT/TITLE & BOUNDARY PLAN V-102 EXISTING CONDITIONS AND TOPOGRAPHY PLAN  C-101 OVERALL SITE PLAN C-401 COMPOUND PLAN C-402 TOWER ELEVATION C-501 CONSTRUCTION DETAILS C-502 SIGNAGE E-401 GROUNDING LAYOUT E-501 ELECTRICAL DETAILS					
<u>SURVEY INFORMATION</u> 1. TOPOGRAPHY OBTAINED FROM SURVEY 2. BOUNDARY INFORMATION WAS OBTAINED FROM SURVEY PLAN DATED 09/19/22 BY ARROW SURVEY GROUP	<u>PROJECT TEAM</u>  <u>TOWER OWNER:</u> AMERICAN TOWER CORPORATION 10 PRESIDENTIAL WAY WOBURN, MA 01801  <u>PROPERTY OWNER:</u> RONALD D. BLAIR 8630 PONDEROSA SPRINGS PT. COLORADO SPRINGS, CO 80908  <u>ENGINEER:</u> ATC TOWER SERVICES 3500 REGENCY PARKWAY SUITE 100 CARY, NC 27518	<u>PROJECT LOCATION DIRECTIONS</u>  FROM COLORADO SPRINGS: HEAD SOUTH TOWARD PIKES PEAK AVE. TURN RIGHT AT THE 1ST CROSS STREET ONTO PIKES PEAK AVE. TURN LEFT AT THE 1ST CROSS STREET ONTO S NEVADA AVE. CONTINUE STRAIGHT ONTO CO-115 S/S NEVADA AVE. CONTINUE TO FOLLOW CO-115 S. CONTINUE STRAIGHT TO STAY ON CO-115 S. TURN RIGHT ONTO PSO CORTO. TURN LEFT AT THE 1ST CROSS STREET ONTO CLL CORVO					
<u>UTILITY COMPANIES</u>  POWER COMPANY: UNKNOWN PHONE: (UNKNOWN)  TELEPHONE COMPANY: UNKNOWN PHONE: (UNKNOWN)							

Please add "PCD File No. PPR-22-061".



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**GENERAL CONSTRUCTION NOTES:**

- ALL WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING ANSI/EIA/TIA-222, AND COMPLY WITH ATC CONSTRUCTION SPECIFICATIONS FOR WIRELESS TOWER SITES.
- CONTRACTOR SHALL CONTACT LOCAL 811 FOR IDENTIFICATION OF UNDERGROUND UTILITIES PRIOR TO START OF CONSTRUCTION.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL REQUIRED INSPECTIONS.
- ALL DIMENSIONS TO, OF, AND ON EXISTING BUILDINGS, DRAINAGE STRUCTURES, AND SITE IMPROVEMENTS SHALL BE VERIFIED IN FIELD BY CONTRACTOR WITH ALL DISCREPANCIES REPORTED TO THE ENGINEER.
- DO NOT CHANGE SIZE OR SPACING OF STRUCTURAL ELEMENTS.
- DETAILS SHOWN ARE TYPICAL; SIMILAR DETAILS APPLY TO SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
- THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR SHALL BRACE STRUCTURES UNTIL ALL STRUCTURAL ELEMENTS NEEDED FOR STABILITY ARE INSTALLED. THESE ELEMENTS ARE AS FOLLOWS: LATERAL BRACING, ANCHOR BOLTS, ETC.
- CONTRACTOR SHALL DETERMINE EXACT LOCATION OF EXISTING UTILITIES, GROUNDS DRAINS, DRAIN PIPES, VENTS, ETC. BEFORE COMMENCING WORK.
- INCORRECTLY FABRICATED, DAMAGED, OR OTHERWISE MISFITTING OR NONCONFORMING MATERIALS OR CONDITIONS SHALL BE REPORTED TO THE ATC CM PRIOR TO REMEDIAL OR CORRECTIVE ACTION. ANY SUCH REMEDIAL ACTION SHALL REQUIRE WRITTEN APPROVAL BY THE ATC CM PRIOR TO PROCEEDING.
- EACH CONTRACTOR SHALL COOPERATE WITH THE ATC CM, AND COORDINATE HIS WORK WITH THE WORK OF OTHERS.
- CONTRACTOR SHALL REPAIR ANY DAMAGE CAUSED BY CONSTRUCTION OF THIS PROJECT TO MATCH EXISTING PRE-CONSTRUCTION CONDITIONS TO THE SATISFACTION OF THE ATC CONSTRUCTION MANAGER.
- ALL CABLE/CONDUIT ENTRY/EXIT PORTS SHALL BE WEATHERPROOFED DURING INSTALLATION USING A SILICONE SEALANT.
- WHERE EXISTING CONDITIONS DO NOT MATCH THOSE SHOWN IN THIS PLAN SET, CONTRACTOR WILL NOTIFY THE ATC CONSTRUCTION MANAGER IMMEDIATELY.
- CONTRACTOR SHALL ENSURE ALL SUBCONTRACTORS ARE PROVIDED WITH A COMPLETE AND CURRENT SET OF DRAWINGS AND SPECIFICATIONS FOR THIS PROJECT.
- ALL ROOF WORK SHALL BE DONE BY A QUALIFIED AND EXPERIENCED ROOFING CONTRACTOR IN COORDINATION WITH ANY CONTRACTOR WARRANTING THE ROOF TO ENSURE THAT THE WARRANTY IS MAINTAINED.
- CONTRACTOR SHALL REMOVE ALL RUBBISH AND DEBRIS FROM THE SITE AT THE END OF EACH DAY.
- CONTRACTOR SHALL COORDINATE WORK SCHEDULE WITH LANDLORD AND TAKE PRECAUTIONS TO MINIMIZE IMPACT AND DISRUPTION OF OTHER OCCUPANTS OF THE FACILITY.
- CONTRACTOR SHALL FURNISH ATC WITH THREE AS-BUILT SETS OF DRAWINGS UPON COMPLETION OF WORK.
- PRIOR TO SUBMISSION OF BID, CONTRACTOR SHALL COORDINATE WITH ATC CM TO DETERMINE WHAT, IF ANY, ITEMS WILL BE PROVIDED. ALL ITEMS NOT PROVIDED SHALL BE PROVIDED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR WILL INSTALL ALL ITEMS PROVIDED.
- PRIOR TO SUBMISSION OF BID, CONTRACTOR WILL COORDINATE WITH ATC CONSTRUCTION MANAGER TO DETERMINE IF ANY PERMITS WILL BE OBTAINED BY ATC. ALL REQUIRED PERMITS NOT OBTAINED BY ATC MUST BE OBTAINED, AND PAID FOR, BY THE CONTRACTOR.
- CONTRACTOR SHALL SUBMIT ALL SHOP DRAWINGS TO ATC FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
- ALL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND LOCATED ACCORDING TO ATC SPECIFICATIONS, AND AS SHOWN IN THESE PLANS.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL THE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
- CONTRACTOR SHALL NOTIFY ATC CM A MINIMUM OF 48 HOURS IN ADVANCE OF POURING CONCRETE OR BACKFILLING ANY UNDERGROUND UTILITIES, FOUNDATIONS OR SEALING ANY WALL, FLOOR OR ROOF PENETRATIONS FOR ENGINEERING REVIEW AND APPROVAL.

**EROSION AND SEDIMENTATION CONTROL PLAN NOTES:**

THIS PLAN HAS BEEN DEVELOPED TO PROVIDE A STRATEGY FOR CONTROLLING SOIL EROSION AND SEDIMENTATION DURING AND AFTER CONSTRUCTION OF THE PROPOSED FACILITY. THE EQUIPMENT ANTICIPATED TO BE USED FOR THE CONSTRUCTION INCLUDES THE FOLLOWING: BACKHOES, BULLDOZERS, LOADERS, TRUCKS, CRANES, COMPACTORS, AND GRADERS. THE FOLLOWING MEASURES WILL BE UNDERTAKEN TO PROVIDE MAXIMUM PROTECTION TO THE SOIL, WATER, AND ABUTTING LANDS:

- ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE SEQUENCE PROVIDED ON THE PLAN DRAWINGS. DEVIATION FROM THAT SEQUENCE MUST BE APPROVED IN WRITING FROM AMERICAN TOWER PRIOR TO IMPLEMENTATION.
- THE LIMITS OF DISTURBANCE (LOD) SHOULD BE MARKED PRIOR TO DISTURBANCE ACTIVITIES (I.E. SURVEY STAKES, POSTS & ROPE, CONSTRUCTION FENCE, ETC.).
- A COPY OF THE SEDIMENT AND EROSION CONTROL PLAN MUST BE AVAILABLE AT THE PROJECT SITE DURING CONSTRUCTION UNTIL THE SITE IS STABILIZED. (AS APPLICABLE)
- PRIOR TO GRUBBING OR ANY EARTHMOVING OPERATION, SILTATION FENCE WILL BE INSTALLED ACROSS THE SLOPE ON THE CONTOUR AT THE DOWNHILL LIMIT OF THE WORK AS PROTECTION AGAINST CONSTRUCTION RELATED EROSION. (CONSULT ATC CM AS REQUIRED)
- STONE CHECK DAMS WILL BE INSTALLED IN THE DRAINAGE DITCHES TO PREVENT EROSION PRIOR TO THE STABILIZATION OF THE CHANNELS. EROSION CONTROL BLANKETS WILL ALSO BE INSTALLED IN ALL DITCHES TO BE REVEGETATED.
- PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES, OR ANY UNDISTURBED LAND AREA WILL BE COMPLETED WITHIN FIFTEEN CALENDAR DAYS AFTER FINAL GRADING HAS BEEN COMPLETED. WHEN IT IS NOT POSSIBLE OR PRACTICAL TO PERMANENTLY STABILIZE DISTURBED LAND, TEMPORARY EROSION CONTROL MEASURES WILL BE IMPLEMENTED WITHIN THIRTY CALENDAR DAYS OF EXPOSURE OF SOIL. ALL DISTURBED AREAS WILL BE MULCHED FOR EROSION CONTROL UPON COMPLETION OF ROUGH GRADING. CUT SLOPES IN COMPETENT BEDROCK AND ROCK FILLS NEED NOT BE VEGETATED.
- ANY EXPOSED SLOPES GREATER THAN 2:1 AND NEWLY CONSTRUCTED DRAINAGE DITCHES WILL

- BE STABILIZED WITH EROSION CONTROL BLANKET TO PREVENT EROSION DURING CONSTRUCTION AND TO FACILITATE REVEGETATION AFTER LOAMING AND SEEDING.
- TO PROVIDE PROTECTION AGAINST EROSION, RIPRAP WILL BE PLACED AT ALL CULVERT INLETS AND OUTLETS AS SHOWN ON THE ATTACHED DRAWINGS.
- IN AREAS OF CONSTRUCTION DEWATERING, ISOLATED SETTLEMENT TRAPS WILL BE CONSTRUCTED ADJACENT TO THE ACTIVITY. WATER WILL BE PUMPED FROM THE EXCAVATIONS TO THESE DEPRESSION AREAS FOR SEDIMENT REMOVAL. ADDITIONAL SEDIMENTATION PROTECTION WILL BE PROVIDED BY THE INSTALLATION OF HAYBALE BARRIERS BETWEEN THE BASINS AND THE RECEIVING DRAINAGE COARSE.
- NATIVE TOPSOIL SHALL BE SAVED, STOCKPILED, MULCHED, AND REUSED AS MUCH AS POSSIBLE ON THE SITE. SILTATION FENCE SHALL BE INSTALLED AT THE BASE OF STOCKPILES AT THE DOWNHILL LIMIT TO PROTECT AGAINST EROSION. STOCKPILES WILL BE STABILIZED BY SEEDING AND MULCHING UPON FORMATION OF THE PILES. UPHILL OF THE STOCKPILES, STABILIZED DITCHES AND/OR BERMS WILL BE CONSTRUCTED TO DIVERT STORMWATER RUNOFF AWAY FROM THE PILES.
- FINAL SEEDING WILL BE APPLIED IN ACCORDANCE WITH THE AMERICAN TOWER CORPORATION CONSTRUCTION SPECIFICATION.
- SHOULD CONSTRUCTION OCCUR AFTER NOVEMBER 15, ADDITIONAL EROSION CONTROL METHODS WILL BE IMPLEMENTED. ALL DISTURBED AREAS WILL BE MINIMIZED AS MUCH AS POSSIBLE. PRIOR TO FREEZING, ADDITIONAL EROSION CONTROL DEVICES WILL BE INSTALLED AS APPROPRIATE INSPECTION OF THESE EROSION CONTROL ITEMS WILL BE CONSTANT, WITH PARTICULAR ATTENTION PAID TO WEATHER PREDICTIONS TO ENSURE THAT THESE MEASURES ARE PROPERLY IN PLACE TO HANDLE LARGE AMOUNTS OF RUNOFF FROM HEAVY RAINS OR THAWS.
- FOR AN EARTH DISTURBANCE ACTIVITY OR ANY STAGE OR PHASE OF AN ACTIVITY TO BE CONSIDERED PERMANENTLY STABILIZED, THE DISTURBED AREAS SHALL BE COVERED BY A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS.
- THE CONTRACTOR WILL REGULARLY INSPECT THE PROJECT'S EROSION AND SEDIMENTATION CONTROLS DURING THE ENTIRE ACTIVE CONSTRUCTION STAGES. THE INSPECTIONS WILL BE PERFORMED WEEKLY AND AFTER ALL RUNOFF EVENTS. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE INSTALLATION, OPERATION, MAINTENANCE, AND REMOVAL OF ALL EROSION AND SEDIMENTATION CONTROLS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING, AND RENETTING MUST BE PERFORMED IMMEDIATELY. SEDIMENT THAT HAS BEEN TRAPPED BY THE SILT BARRIER WILL BE REMOVED AS REQUIRED, AND IN ALL CASES, BEFORE THE ACCUMULATION HAS REACHED HALF THE HEIGHT OF THE FENCE. THE SILT BARRIER WILL BE RE-ANCHORED, REPAIRED, OR REPLACED AS NECESSARY. ALL OTHER CONTROLS WILL BE INSPECTED ON THE SAME SCHEDULE. IF EROSION AND SEDIMENT CONTROL BMP'S FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMP'S, OR MODIFICATION OF THOSE INSTALLED WILL BE REQUIRED.
- ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.
- ALL EARTHEN FILLS SHALL BE PLACED IN COMPACTED LAYERS NOT TO EXCEED 9 INCHES IN THICKNESS.
- FILL MATERIALS SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS. FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.
- SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE AMERICAN TOWER CORPORATION CONSTRUCTION SPECIFICATION AND/OR THE CONTRACTOR SHALL NOTIFY THE ATC CONSTRUCTION MANAGER.
- SEDIMENT TRACKED ONTO ANY PUBLIC ROADWAY OR SIDEWALK SHALL BE RETURNED TO THE CONSTRUCTION SITE BY THE END OF EACH WORK DAY AND DISPOSED IN THE MANNER DESCRIBED IN THIS PLAN. IN NO CASE SHALL THE SEDIMENT BE WASHED, SHOVELED, OR SWEEPED INTO ANY ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.

**CONSTRUCTION SEQUENCE:**

- CONSTRUCT PROPOSED TOWER PER TOWER MANUFACTURER'S SPECIFICATIONS.
- INSTALL ANY REQUIRED ICE BRIDGES PER ATC SPECIFICATIONS.
- DECONSTRUCT EXISTING TOWER ONLY ONCE THE PROPOSED TOWER IS ERECTED AND IN FULL WORKING CONDITION.
- IF CONSTRUCTION IS TERMINATED OR SUSPENDED PRIOR TO CONSTRUCTION COMPLETION, ALL EXPOSED SOIL AREAS SHALL BE SEEDED WITH TEMPORARY SEEDING AND MULCHED IMMEDIATELY.

**CONCRETE AND REINFORCING STEEL NOTES:**

- DESIGN AND CONSTRUCTION OF ALL CONCRETE ELEMENTS SHALL CONFORM TO THE LATEST EDITIONS OF ALL APPLICABLE CODES INCLUDING: ACI 301 "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS", AND ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".
- MIX DESIGN SHALL BE APPROVED BY OWNER'S REPRESENTATIVE AND SUBMITTED TO ENGINEER PRIOR TO PLACING CONCRETE.
- CONCRETE SHALL BE NORMAL WEIGHT, 6 % AIR ENTRAINED (+/- 1.5%) WITH A MAXIMUM 4" SLUMP AND HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 4500 PSI UNLESS OTHERWISE NOTED.
- THE FOLLOWING MATERIALS SHALL BE USED:
  - PORTLAND CEMENT: ASTM C-150, TYPE 1 OR 2
  - REINFORCEMENT: ASTM A-185, PLAIN STEEL WELDED WIRE FABRIC
  - REINFORCEMENT BARS: ASTM A615, GRADE 60, DEFORMED
  - NORMAL WEIGHT AGGREGATE: ASTM C-33
  - WATER: DRINKABLE
  - ADMIXTURES: NON-CHLORIDE CONTAINING
- MINIMUM CONCRETE COVER FOR REINFORCING STEEL SHALL BE AS FOLLOWS (UNLESS OTHERWISE NOTED):
  - A. CONCRETE CAST AGAINST EARTH: 3"
  - B. ALL OTHER CONCRETE: 2"
- A 3/4" CHAMFER SHALL BE PROVIDED AT ALL EXPOSED EDGES OF CONCRETE IN ACCORDANCE WITH ACI 301 SECTION 4.2.4, UNLESS NOTED OTHERWISE.
- 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 ATC CM APPROVAL WHEN DRILLING HOLES IN CONCRETE.
- ADMIXTURES SHALL CONFORM TO THE APPROPRIATE ASTM STANDARD AS REFERENCED IN ACI 301.
- DO NOT WELD OR TACK WELD REINFORCING STEEL.
- ALL DOWELS, ANCHOR BOLTS, EMBEDDED STEEL, ELECTRICAL CONDUITS, PIPE SLEEVES, GROUNDS AND ALL OTHER EMBEDDED ITEMS AND FORMED DETAILS SHALL BE IN PLACE BEFORE START OF CONCRETE PLACEMENT.
- REINFORCEMENT SHALL BE COLD BENT WHENEVER BENDING IS REQUIRED.
- DO NOT PLACE CONCRETE IN WATER, ICE, OR ON FROZEN GROUND.
- DO NOT ALLOW REINFORCEMENT, CONCRETE OR SUBBASE TO FREEZE DURING CONCRETE CURING AND SETTING PERIOD, OR FOR A MINIMUM OF 3 DAYS AFTER PLACEMENT.
- FOR COLD-WEATHER AND HOT-WEATHER CONCRETE PLACEMENT, CONFORM TO APPLICABLE ACI CODES AND RECOMMENDATIONS. IN EITHER CASE, MATERIALS CONTAINING CHLORIDE, CALCIUM, SALTS, ETC. SHALL NOT BE USED. PROTECT FRESH CONCRETE FROM WEATHER FOR 7 DAYS, MINIMUM.
- CONCRETE SHALL BE RUBBED TO A ROUGH GROUT FINISH. PADS SHALL BE SEALED BY STEEL TROWEL.
- UNLESS OTHERWISE NOTED:
  - A. ALL REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO ASTM A615, GRADE 60.
  - B. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185.
- SPLICING OF REINFORCEMENT IS PERMITTED ONLY AT LOCATIONS SHOWN IN THE CONTRACT DRAWINGS OR AS ACCEPTED BY THE ENGINEER. UNLESS OTHERWISE SHOWN OR NOTED REINFORCING STEEL SHALL BE SPLICED TO DEVELOP ITS FULL TENSILE CAPACITY (CLASS A) IN ACCORDANCE WITH ACI 318.
- REINFORCING BAR DEVELOPMENT LENGTHS, AS COMPUTED IN ACCORDANCE WITH ACI 318, FORM THE BASIS FOR BAR EMBEDMENT LENGTHS AND BAR SPLICED LENGTHS SHOWN IN THE DRAWINGS. APPLY APPROPRIATE MODIFICATION FACTORS FOR TOP STEEL, BAR SPACING, COVER AND THE LIKE.
- DETAILING OF REINFORCING STEEL SHALL CONFORM TO "ACI MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" (ACI 315).
- ALL SLAB CONSTRUCTION SHALL BE CAST MONOLITHICALLY WITHOUT HORIZONTAL CONSTRUCTION JOINTS, UNLESS SHOWN IN THE CONTRACT DRAWINGS.
- LOCATION OF ALL CONSTRUCTION JOINTS ARE SUBJECT TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, CONFORMANCE WITH ACI 318, AND ACCEPTANCE OF THE ENGINEER. DRAWINGS SHOWING LOCATION OF DETAILS OF THE PROPOSED CONSTRUCTION JOINTS SHALL BE SUBMITTED WITH REINFORCING STEEL PLACEMENT DRAWINGS
- SPLICES OF WWF, AT ALL SPLICED EDGES, SHALL BE SUCH THAT THE OVERLAP MEASURED BETWEEN OUTERMOST CROSS WIRES OF EACH FABRIC SHEET IS NOT LESS THAN THE SPACING OF THE CROSS WIRE PLUS 2 INCHES, NOR LESS THAN 8".
- BAR SUPPORTS SHALL BE ALL-GALVINIZED METAL WITH PLASTIC TIPS.
- ALL REINFORCEMENT SHALL BE SECURELY TIED IN PLACE TO PREVENT DISPLACEMENT BY CONSTRUCTION TRAFFIC OR CONCRETE. TIE WIRE SHALL BE 16 GAUGE CONFORMING TO ASTM A82
- SLAB ON GROUND
  - A. COMPACT STRUCTURAL FILL TO 95% DENSITY AND THEN PLACE 6" GRAVEL BENEATH SLAB.
  - B. PROVIDE VAPOR BARRIER BENEATH SLAB ON GROUND.

**GENERAL FOUNDATION NOTES:**

(APPLICABLE FOR EQUIPMENT SHELTER ONLY)

- THOROUGHLY COMPACT BOTTOM OF EXCAVATIONS PRIOR TO PLACING RIGID INSULATION BARRIER. BACKFILL AND COMPACTION PROCEDURES SHALL BE DONE PER INDUSTRY STANDARDS.
- ALL REINFORCING STEEL SHALL BE ASTM A615 - GRADE 60. SECURE REINFORCING IN PLACE TO PREVENT MOVEMENT DURING CONCRETE PLACEMENT.
- VERIFY DETAILS AND DIMENSIONS WITH SHELTER DRAWINGS. NOTIFY ATC CM OF ANY DISCREPANCIES.
- INSULATION BARRIER PROVIDED IS FOR FROST PROTECTION IN LIEU OF STANDARD FOUNDATIONS WITH BEARING AT CODE REQUIRED FROST DEPTH.
- SHELTER MUST BE ANCHORED TO ITS FOUNDATION. ANCHOR IN ACCORDANCE WITH SHELTER MANUFACTURER SPECIFICATIONS.



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REV.	DESCRIPTION	BY	DATE
A	PRELIM	AB	10/18/22

ATC SITE NUMBER:  
**211173**

ATC SITE NAME:  
**REBUILD TURKEY CREEK CO**

SITE ADDRESS:  
2945 LITTLE TURKEY CREEK RD  
COLORADO SPRINGS, CO 80926

SEAL:

**PRELIMINARY:  
NOT FOR  
CONSTRUCTION**

DATE DRAWN:	10/18/22
ATC JOB NO:	14141546_D4
OPS JOB NO:	13734361
ATC LEGACY #:	419522

**GENERAL NOTES**

SHEET NUMBER: <b>G-002</b>	REVISION: <b>A</b>
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**PROJECT SUMMARY**

FIELD SURVEY DATE: 09/08/2022  
 SITE ADDRESS: 2945 LITTLE TURKEY CREEK ROAD, COLORADO SPRINGS, COLORADO 80926-9615

**PARENT PARCEL INFORMATION**  
 OWNER: RONALD D. BLAIR, RONALD D. BLAIR, 8630 PONDEROSA SPRINGS PT, COLORADO SPRINGS, COLORADO 80908  
 APN: 7815000004 (SCHEDULE NO.)  
 RECORDED AS RECEPTION NO. 215070998

**TOTAL AREAS**  
 PARENT PARCEL: 37.351+ ACRES (CALCULATED IN CAD)  
 ATC LEASE AREA AS PROVIDED: 3,800.00 SQ FT OR 0.0873 ACRES  
 ATC LEASE AREA AS SURVEYED: 3,597.62 SQ FT OR 0.0834 ACRES  
 ACCESS & UTILITY EASEMENT AS PROVIDED: (UNDETERMINED DUE TO ILLEGIBLE DESCRIPTION)  
 ACCESS & UTILITY EASEMENT AS SURVEYED: 9,015.34 SQ FT OR 0.2074 ACRES  
 UTILITY EASEMENT AS PROVIDED: (UNDETERMINED DUE TO ILLEGIBLE DESCRIPTION)  
 UTILITY EASEMENT AS SURVEYED: 1,195.37 SQ FT OR 0.027+ ACRES

**GEOGRAPHIC COORDINATES OF EXISTING TOWER:**  
 LATITUDE: 38°39'13.2" N LONGITUDE: 104°52'14.9" W  
 VERTICAL DATUM: NAVD 1988 HORIZONTAL DATUM: NAD83  
 GROUND ELEVATION: 6717.3'

**GEOGRAPHIC COORDINATES OF PROPOSED TOWER:**  
 LATITUDE: 38°39'13.0" N LONGITUDE: 104°52'15.0" W  
 VERTICAL DATUM: NAVD 1988 HORIZONTAL DATUM: NAD83  
 GROUND ELEVATION: 6717.8'

**BEARINGS AND COORDINATES ARE BASED ON COLORADO STATE PLANE AT GROUND, CENTRAL ZONE, FROM GPS OBSERVATION.**

**FLOODPLAIN:**  
 PER THE FEMA FLOODPLAIN MAPS, THE SITE IS LOCATED IN AN AREA DESIGNATED AS ZONE X, AND IS NOT IN A SPECIAL FLOOD HAZARD AREA.  
 COMMUNITY PANEL NUMBER: 08M1C09503  
 DATED: 12/07/2018

**BOUNDARY NOTE**  
 THIS SURVEY DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PARENT TRACT. ANY PARENT TRACT PROPERTY LINES SHOWN HEREON ARE FROM SUPPLIED INFORMATION AND MAY NOT BE FIELD VERIFIED.

**ENCROACHMENT STATEMENT**  
 AT THE TIME OF THE SURVEY, THERE WAS VISIBLE EVIDENCE OF THE FOLLOWING ENCROACHMENTS:  
 A. THE PROVIDED LEGAL DESCRIPTIONS WERE NOT COMPLETELY LEGIBLE AND COULD NOT BE ACCURATELY REPRODUCED OR PLOTTED. THE AS-PROVIDED DESCRIPTIONS PLOTTED HEREON ARE APPROXIMATE ONLY. (PROVIDED AREA [80'X60', 3,800 SQUARE FEET] IS SUFFICIENT TO COMPLETELY ENCLOSE THE FENCE AROUND THE TOWER.)  
 B. BEARINGS AND DISTANCES ARE ADJUSTED TO EXACTLY FOLLOW THE EDGE OF THE EXISTING FENCELINE.)  
 C. A PORTION OF WIRE FENCE (UNKNOWN OWNERSHIP) AND WIRE FENCE (LANDOWNER) LIES WITHIN THE ACCESS & UTILITY EASEMENT AS SURVEYED AND UTILITY EASEMENT AS SURVEYED.

**ZONING INFORMATION**

ZONING INFORMATION NOT PROVIDED AT TIME OF SURVEY.  
 CONTACT:  
 EL PASO COUNTY PLANNING & COMMUNITY DEVELOPMENT  
 2880 INTERNATIONAL CIRCLE, SUITE 110  
 COLORADO SPRINGS, COLORADO 80910  
 (719) 520-6300

**LEGAL DESCRIPTIONS**

**LEGAL DESCRIPTION - PARENT PARCEL (PER AN UNRECORDED FIRST AMENDMENT TO LAND LEASE AGREEMENT DATED FEBRUARY 12, 2012):**  
 THE SOUTH HALF OF THE NORTH HALF OF THE SOUTHEAST QUARTER, EXCEPT THE EASTERLY 1320 FEET, AND THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 16 SOUTH, RANGE 67 WEST OF THE 6TH P.M., DESCRIBED AS FOLLOWS:  
 BEGINNING AT THE NORTHEAST CORNER OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SECTION 15;  
 THENCE SOUTH 11 DEGREES 25 MINUTES 02 SECONDS EAST ON AN ASSUMED BEARING ON THE NORTH-SOUTH CENTERLINE OF SAID SECTION, 474.00 FEET;  
 THENCE NORTH 88 DEGREES 34 MINUTES 50 SECONDS WEST ON THE EAST LINE OF SAID SECTION, 150.00 FEET TO THE NORTHWEST CORNER OF SAID NORTHWEST QUARTER;  
 THENCE ON SAID WEST LINE, NORTH 10 DEGREES 42 MINUTES 03 SECONDS WEST, 150.00 FEET TO THE NORTHWEST CORNER OF SAID NORTHEAST QUARTER OF THE SOUTHWEST QUARTER;  
 THENCE ON SAID NORTH LINE, NORTH 88 DEGREES 15 MINUTES 56 SECONDS EAST, 691.79 FEET TO THE POINT OF BEGINNING, EL PASO COUNTY, COLORADO.  
 AND BEING THE SAME PROPERTY CONVEYED TO RONALD D. BLAIR AND ROSEMARIE S. BLAIR FROM ROSEMARIE S. BLAIR FORMERLY ROSEMARIE S. RAWLINSBY BY QUIT CLAIM DEED DATED MAY 28, 2003 AND RECORDED JUNE 05, 2003 IN INSTRUMENT NO. 203123705.  
 (NOTE: THE MOST CURRENT SALES RECORD DOCUMENT SHOWN ON EL PASO COUNTY, COLORADO WEBSITE IS INSTRUMENT 215070998, DATED 07/06/2015. NO PART OF THE ATC LEASE AREA, ACCESS & UTILITY EASEMENT OR UTILITY EASEMENT LIE IN THE EXCEPTION PORTION OF THE PARENT PARCEL.)

**ATC LEASE AREA - AS PROVIDED (PER AN UNRECORDED FIRST AMENDMENT TO LAND LEASE AGREEMENT DATED FEBRUARY 12, 2012):**  
 BEING A LEASE AREA WITHIN A PORTION OF THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 16 SOUTH, RANGE 67 WEST OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
 COMMENCING AT THE SOUTHWEST CORNER OF SAID SECTION 15; THENCE ALONG THE EAST LINE OF SAID SECTION N43°30'00"W, 1708.72 FEET; THENCE S85°21'52"W, 1335.98 FEET TO THE POINT OF BEGINNING; THENCE S00°00'00"W, 20.93 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT "A"; THENCE CONTINUING S00°00'00"W, 39.07 FEET; THENCE N90°00'00"W, 60.00 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT "B"; THENCE N00°00'00"E, 60.00 FEET; THENCE S90°00'00"E, 60.00 FEET TO THE POINT OF BEGINNING.  
 CONTAINING 3500 SQ FT OR 0.082 ACRES MORE OR LESS.  
 (NOTE: THIS LEGAL DESCRIPTION IS PROVIDED ON A SURVEY ATTACHED TO THE REFERENCED AGREEMENT, AND IS A POOR COPY. THIS RENDITION MAY CONTAIN ERRORS.)

**ATC LEASE AREA - AS SURVEYED:**  
 A PARCEL OF LAND LOCATED WITHIN THE SOUTHWEST QUARTER (NE1/4 SE1/4) OF SECTION 15, TOWNSHIP 16 SOUTH, RANGE 67 WEST OF THE 6TH P.M., BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:  
 COMMENCING AT THE SOUTHWEST CORNER OF SAID SECTION 15; THENCE N43°33'10"W, 2052.82 FEET TO THE SOUTHWEST CORNER OF THE PROPERTY DESCRIBED IN QUIT CLAIM DEED DATED MAY 28, 2003 AND RECORDED JUNE 05, 2003 IN INSTRUMENT NO. 203123705, DEPICTED ON EL PASO COUNTY ASSESSOR'S MAP 78150 AS PARCEL 00-004; THENCE N04°36'55"W ALONG THE EAST LINE OF SAID PROPERTY, 401.58 FEET; THENCE S87°32'16"W ALONG A LINE PERPENDICULAR TO SAID EAST LINE, 52.28 FEET TO THE POINT OF BEGINNING; THENCE S89°24'56"W, 59.76 FEET; THENCE N00°08'11"E, 60.51 FEET; THENCE S89°59'22"E, 59.76 FEET; THENCE S00°08'01"W, 59.89 FEET TO THE POINT OF BEGINNING.  
 CONTAINING A TOTAL CALCULATED AREA OF 3,597.62 SQUARE FEET OR 0.083 ACRES, MORE OR LESS.

**ACCESS EASEMENT - AS PROVIDED (PER AN UNRECORDED FIRST AMENDMENT TO LAND LEASE AGREEMENT DATED FEBRUARY 12, 2012):**  
 BEING A STRIP OF LAND 20.00 FEET IN WIDTH WITHIN A PORTION OF THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 16 SOUTH, RANGE 67 WEST OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO, LYING 10.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:  
 COMMENCING AT POINT "B" AS DESCRIBED ABOVE; THENCE S00°00'00"W, 10.00 FEET TO THE POINT OF BEGINNING; THENCE S90°00'00"E, 78.43 FEET; THENCE S00°00'00"W, 381.42 FEET TO THE NORTH RIGHT OF WAY LINE OF LITTLE TURKEY CREEK ROAD AND END OF SAID STRIP OF LAND.  
 SIDELINES OF SAID STRIPS OF LAND ARE TO BE LENGTHENED AND/OR SHORTENED TO PREVENT GAPS AND/OR OVERLAPS.

**ACCESS & UTILITY EASEMENT - AS SURVEYED:**  
 A 20 FOOT WIDE STRIP OF LAND LOCATED WITHIN THE SOUTHWEST QUARTER (NE1/4 SE1/4) OF SECTION 15, TOWNSHIP 16 SOUTH, RANGE 67 WEST OF THE 6TH P.M., LYING 10 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:  
 COMMENCING AT THE SOUTHWEST CORNER OF SAID SECTION 15; THENCE N43°33'10"W, 2052.82 FEET TO THE SOUTHWEST CORNER OF THE PROPERTY DESCRIBED IN QUIT CLAIM DEED DATED MAY 28, 2003 AND RECORDED JUNE 05, 2003 IN INSTRUMENT NO. 203123705, DEPICTED ON EL PASO COUNTY ASSESSOR'S MAP 78150 AS PARCEL 00-004; THENCE N82°41'18"W ALONG THE SOUTH LINE OF SAID PROPERTY, 69.64 FEET; THENCE N07°18'42"E ALONG A LINE PERPENDICULAR TO SAID SOUTH LINE, 7.44 FEET TO THE POINT OF BEGINNING; THENCE N00°24'47"E, 372.00 FEET; THENCE S89°24'56"W, 78.77 FEET TO THE POINT OF TERMINUS.  
 CONTAINING A TOTAL CALCULATED AREA OF 9,015.34 SQUARE FEET OR 0.207 ACRES, MORE OR LESS.  
 (NOTE: DOCUMENTATION WAS NOT PROVIDED TO DETERMINE RIGHT-OF-WAY WIDTH FOR LITTLE TURKEY CREEK ROAD; THEREFORE, THE EASEMENT IS WRITTEN TO BEGIN AT THE EDGE OF THE EXISTING ROAD. LITTLE TURKEY CREEK ROAD IS DEPICTED AS PUBLIC RIGHT-OF-WAY ON AN UNRECORDED SURVEY PERFORMED BY JESUS A. LUGO, DATED 2012.)

**UTILITY EASEMENT - AS PROVIDED (PER AN UNRECORDED FIRST AMENDMENT TO LAND LEASE AGREEMENT DATED FEBRUARY 12, 2012):**  
 BEING TWO STRIPS OF LAND 10.00 FEET IN WIDTH WITHIN A PORTION OF THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 16 SOUTH, RANGE 67 WEST OF THE 6TH P.M., COUNTY OF EL PASO, STATE OF COLORADO, LYING 2.50 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINES:  
 (STRIP ONE)  
 BEGINNING AT POINT "A" AS DESCRIBED ABOVE; THENCE (ILLEGIBLE), 23.43 FEET; THENCE S00°00'00"W, 416.92 FEET TO A POINT HEREINAFTER REFERRED TO AS POINT "C"; THENCE CONTINUING S00°00'00"W, 14.23 FEET TO THE END OF SAID STRIP OF LAND.  
 (STRIP TWO)  
 BEGINNING AT POINT "C" AS DESCRIBED ABOVE; THENCE S89°35'35"E, 50.84 FEET TO THE END OF SAID STRIP OF LAND.  
 (NOTE: THIS LEGAL DESCRIPTION IS PROVIDED ON A SURVEY ATTACHED TO THE REFERENCED AGREEMENT, AND IS A POOR COPY. THIS RENDITION MAY CONTAIN ERRORS.)

**UTILITY EASEMENT - AS SURVEYED:**  
 A 20 FOOT WIDE STRIP OF LAND LOCATED WITHIN THE SOUTHWEST QUARTER (NE1/4 SE1/4) OF SECTION 15, TOWNSHIP 16 SOUTH, RANGE 67 WEST OF THE 6TH P.M., LYING 10 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:  
 COMMENCING AT THE SOUTHWEST CORNER OF SAID SECTION 15; THENCE N43°33'10"W, 2052.82 FEET TO THE SOUTHWEST CORNER OF THE PROPERTY DESCRIBED IN QUIT CLAIM DEED DATED MAY 28, 2003 AND RECORDED JUNE 05, 2003 IN INSTRUMENT NO. 203123705, DEPICTED ON EL PASO COUNTY ASSESSOR'S MAP 78150 AS PARCEL 00-004; THENCE N82°41'18"W ALONG THE SOUTH LINE OF SAID PROPERTY, 69.64 FEET; THENCE N07°18'42"E ALONG A LINE PERPENDICULAR TO SAID SOUTH LINE, 7.44 FEET; THENCE N00°24'47"E, 372.00 FEET; THENCE N42°34'53"W, 13.46 FEET TO THE POINT OF BEGINNING; THENCE N00°08'01"E, 59.77 FEET TO THE POINT OF TERMINUS.  
 CONTAINING A TOTAL CALCULATED AREA OF 1,195.37 SQUARE FEET OR 0.027 ACRES, MORE OR LESS.

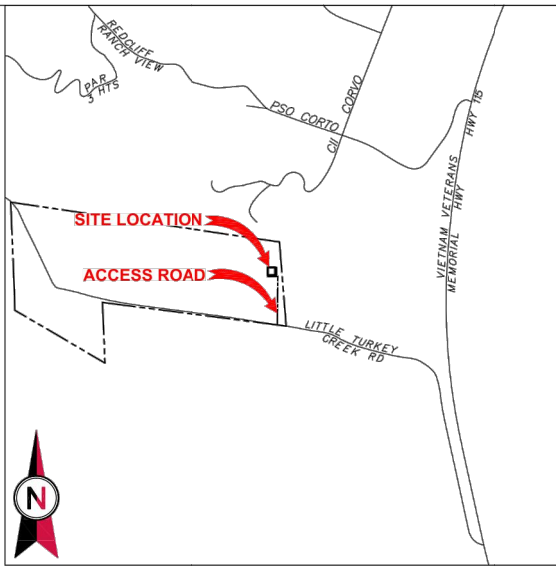
**NOTES CORRESPONDING TO TITLE REPORT**

THIS SURVEY WAS PERFORMED WITHOUT BENEFIT OF A CURRENT TITLE REPORT OR CORAL REPORT. A TITLE REPORT OR CORAL REPORT MAY DISCLOSE FACTS NOT REFLECTED ON THIS SURVEY.

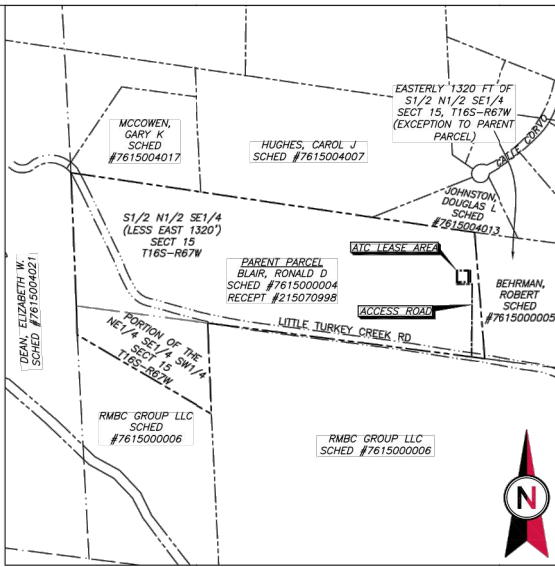
Please include:  
 PPR2261

**SURVEYOR'S NOTES**

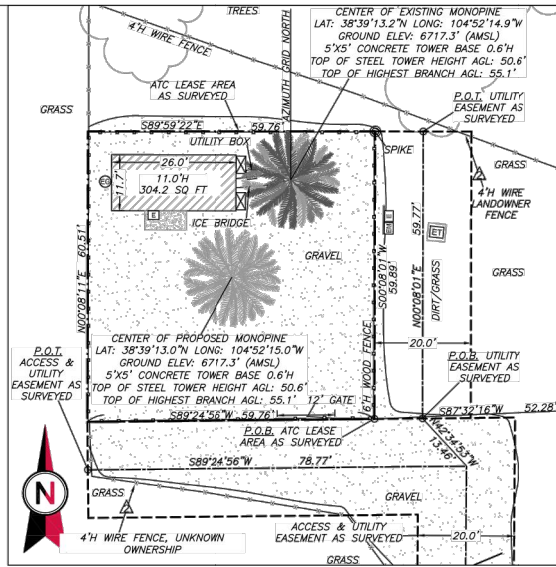
- THERE IS ACCESS TO THE ATC LEASE AREA VIA THE ACCESS & UTILITY EASEMENT FROM LITTLE TURKEY CREEK ROAD, A PUBLIC RIGHT OF WAY (SEE NOTE FOLLOWING ACCESS & UTILITY EASEMENT AS SURVEYED LEGAL DESCRIPTION).
- THE LOCATIONS OF ALL UTILITIES SHOWN ON THE SURVEY ARE FROM VISIBLE SURFACE EVIDENCE ONLY.
- AT THE TIME OF THIS SURVEY THERE WAS NO OBSERVABLE SURFACE EVIDENCE OF EARTH MOVING WORK, BUILDING CONSTRUCTION OR BUILDING ADDITIONS WITHIN RECENT MONTHS.
- AT THE TIME OF THIS SURVEY, THERE WAS NO OBSERVABLE EVIDENCE OF ANY RECENT CHANGES IN STREET RIGHT-OF-WAY LINES EITHER COMPLETED OR PROPOSED, AND AVAILABLE FROM THE CONTROLLING JURISDICTION.
- AT THE TIME OF THIS SURVEY, THERE WAS NO OBSERVABLE EVIDENCE OF ANY RECENT CHANGES IN STREET RIGHT-OF-WAY LINES EITHER COMPLETED OR PROPOSED, AND AVAILABLE FROM THE CONTROLLING JURISDICTION.
- AT THE TIME OF THIS SURVEY, THERE WAS NO OBSERVABLE EVIDENCE OF ANY RECENT STREET OR SIDEWALK CONSTRUCTION OR REPAIRS.
- THIS AS-BUILT SURVEY OF AN EXISTING LEASE AREA WITHIN AN EXISTING PARCEL OF LAND WAS PREPARED TO SHOW THE INTERESTS OF AMERICAN TOWER INCORPORATION AND IMPROVEMENTS PROXIMAL TO SAID INTERESTS. IT DOES NOT CONSTITUTE AN AS-BUILT SURVEY OF THE ENTIRE PARENT PARCEL.
- ALL CALLS ARE MEASURED UNLESS OTHERWISE NOTED.
- UNLESS OTHERWISE SPECIFIED, UTILITY POLES DID NOT IDENTIFY OWNERSHIP.
- UTILITY EASEMENT (AND ACCESS & UTILITY EASEMENT) AS SURVEYED DESCRIPTIONS ARE BASED ONLY ON SURFACE EVIDENCE OF EXISTING UTILITIES SERVICING THE TOWER SITE. DESCRIBED EASEMENTS MAY NOT INCLUDE ALL UNDERGROUND UTILITIES NOT VISIBLE AT TIME OF SURVEY AND UTILITIES SHOULD BE LOCATED IF NECESSARY.
- THE ATC LEASE AREA, ACCESS & UTILITY EASEMENT AND UTILITY EASEMENT LIE WHOLLY WITHIN THE PARENT PARCEL. NONE OF THE MONOPINE BRANCHES WERE OBSERVED TO REACH OUTSIDE THE ATC LEASE AREA/FENCED AREA.



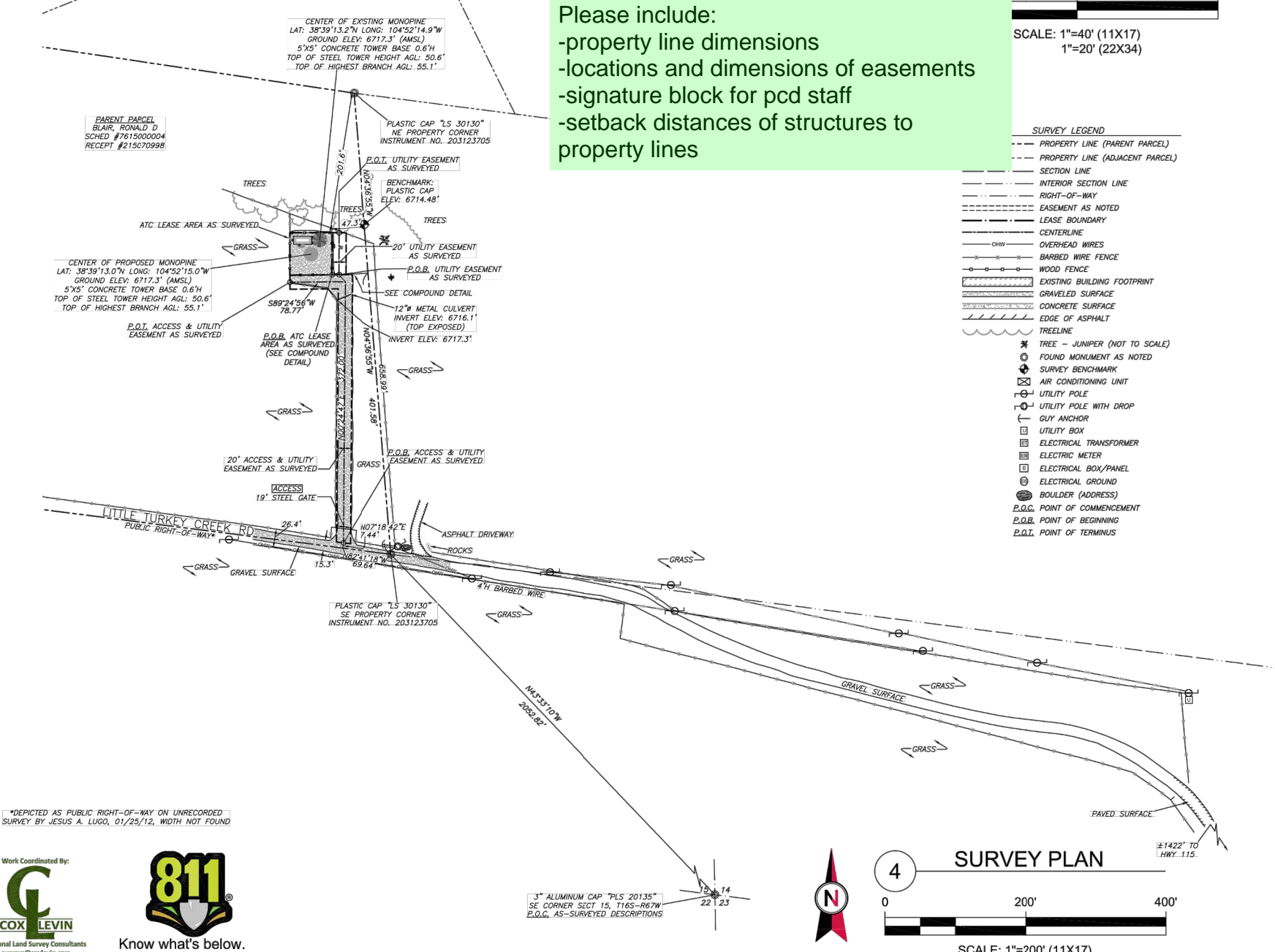
1 VICINITY MAP NTS



2 PARENT PARCEL NTS



3 COMPOUND DETAIL



**AMERICAN TOWER**  
**ATC TOWER SERVICES, INC.**  
 3500 REGENCY PARKWAY  
 SUITE 100  
 CARY, NC 27518  
 PHONE: (919) 468-0112  
 FAX: (919) 466-5415

THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATION AS INSTRUMENTS OR SERVICE ARE THE EXCLUSIVE PROPERTY OF AMERICAN TOWER. THEIR USE AND PUBLICATION SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY ARE PREPARED. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AMERICAN TOWER OR THE SPECIFIED CARRIER IS STRICTLY PROHIBITED. TITLE TO THESE DOCUMENTS SHALL REMAIN THE PROPERTY OF AMERICAN TOWER WHETHER OR NOT THE PROJECT IS EXECUTED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTOR(S) MUST VERIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OF ANY DISCREPANCIES. ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION ON FILE WITH AMERICAN TOWER.

0	PRELIM	HH	09/19/2022
1	CLIENT COMMENTS		
2			

ATC SITE NUMBER:  
**419522**

ATC SITE NAME:  
**REBUILD TURKEY CREEK CO**

SITE ADDRESS:  
 2945 LITTLE TURKEY CREEK RD  
 COLORADO SPRINGS, COLORADO 80926-9615

**SURVEY CERTIFICATE:**  
 THIS IS TO CERTIFY THAT ARROW SURVEY GROUP, INC., AT THE REQUEST AND FOR THE EXCLUSIVE USE OF AMERICAN TOWER CORP., HAS PERFORMED THIS AS-BUILT SURVEY OF THE ATC LEASE AREA, FROM THE RECORD SOURCES AND ACTUAL FIELD SURVEY ON 09/08/2022 IN ACCORDANCE WITH THE MINIMUM STANDARDS OF PROPERTY BOUNDARY SURVEYS. ALL LINEAR AND ANGULAR VALUES SHOWN ARE BASED UPON DEED OR RECORD INFORMATION UNLESS OTHERWISE NOTED.

DATE OF PLAT: 09/19/2022  
 NAME: JASON D. LEVANEN  
 CO LICENSE NO. 38159

SURVEY PREPARED BY:  
  
 Sheridan, WY 82801 (307)751-7543

DRAWN BY:	HH
APPROVED BY:	JL
DATE DRAWN:	09/19/2022
ATC JOB NO:	419522

**AS-BUILT/TITLE & BOUNDARY PLAN**

SHEET NUMBER: **V-101** REVISION: **0**

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**PROJECT SUMMARY**

FIELD SURVEY DATE: 09/08/2022  
 SITE ADDRESS: 2945 LITTLE TURKEY CREEK ROAD  
 COLORADO SPRINGS, COLORADO 80926-9615  
 PARENT PARCEL INFORMATION  
 OWNER: BLAIR, RONALD D.  
 OWNER ADDRESS: 8630 PONDEROSA SPRINGS PT  
 COLORADO SPRINGS, COLORADO 80908  
 APN: 7615000004 (SCHEDELE NO.)  
 RECORDED AS RECEPTION NO. 215070998

TOTAL AREAS:  
 PARENT PARCEL: 37.351± ACRES (CALCULATED IN CAD)  
 ATC LEASE AREA AS PROVIDED: 3,600.00 SQ FT OR 0.083± ACRES  
 ATC LEASE AREA AS SURVEYED: 3,597.62 SQ FT OR 0.083± ACRES  
 ACCESS & UTILITY EASEMENT AS PROVIDED: (UNDETERMINED DUE TO ILLEGIBLE DESCRIPTION)  
 ACCESS & UTILITY EASEMENT AS SURVEYED: 8,015.34 SQ FT OR 0.207± ACRES  
 UTILITY EASEMENT AS PROVIDED: (UNDETERMINED DUE TO ILLEGIBLE DESCRIPTION)  
 UTILITY EASEMENT AS SURVEYED: 1,196.37 SQ FT OR 0.027± ACRES

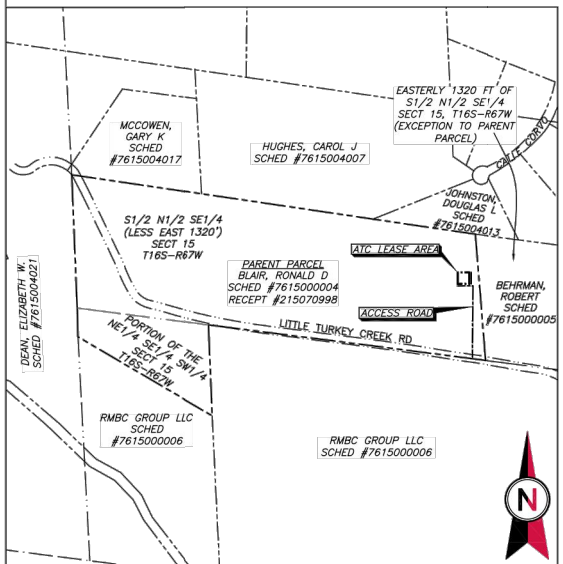
GEOGRAPHIC COORDINATES OF EXISTING TOWER:  
 LATITUDE: 38°39'13.2" N LONGITUDE: 104°52'14.9" W GROUND ELEVATION: 6717.3'  
 VERTICAL DATUM: NAVD 1988 HORIZONTAL DATUM: NAD83

GEOGRAPHIC COORDINATES OF PROPOSED TOWER:  
 LATITUDE: 38°39'13.0" N LONGITUDE: 104°52'15.0" W GROUND ELEVATION: 6717.8'  
 VERTICAL DATUM: NAVD 1988 HORIZONTAL DATUM: NAD83

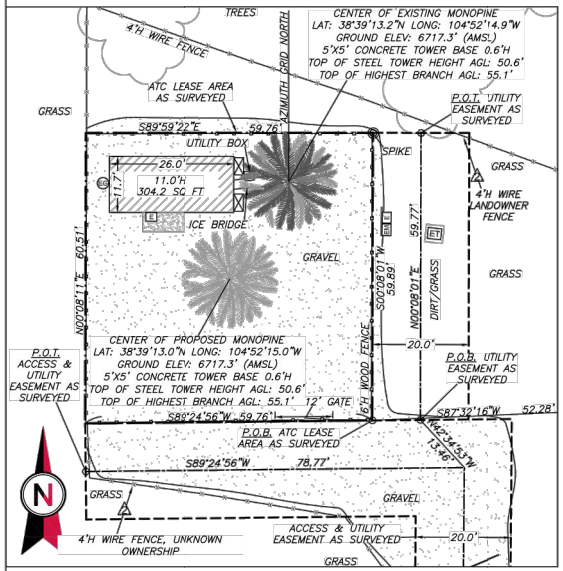
BEARINGS AND COORDINATES ARE BASED ON COLORADO STATE PLANE AT GROUND, CENTRAL ZONE, FROM GPS OBSERVATION.  
 FLOODPLAIN:  
 PER THE FEMA FLOODPLAIN MAPS, THE SITE IS LOCATED IN AN AREA DESIGNATED AS ZONE X, AND IS NOT IN A SPECIAL FLOOD HAZARD AREA.  
 COMMUNITY PANEL NUMBER: 088410950G DATED: 12/07/2018

BOUNDARY NOTE  
 THIS SURVEY DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PARENT TRACT. ANY PARENT TRACT PROPERTY LINES SHOWN HEREON ARE FROM SUPPLIED INFORMATION AND MAY NOT BE FIELD VERIFIED.

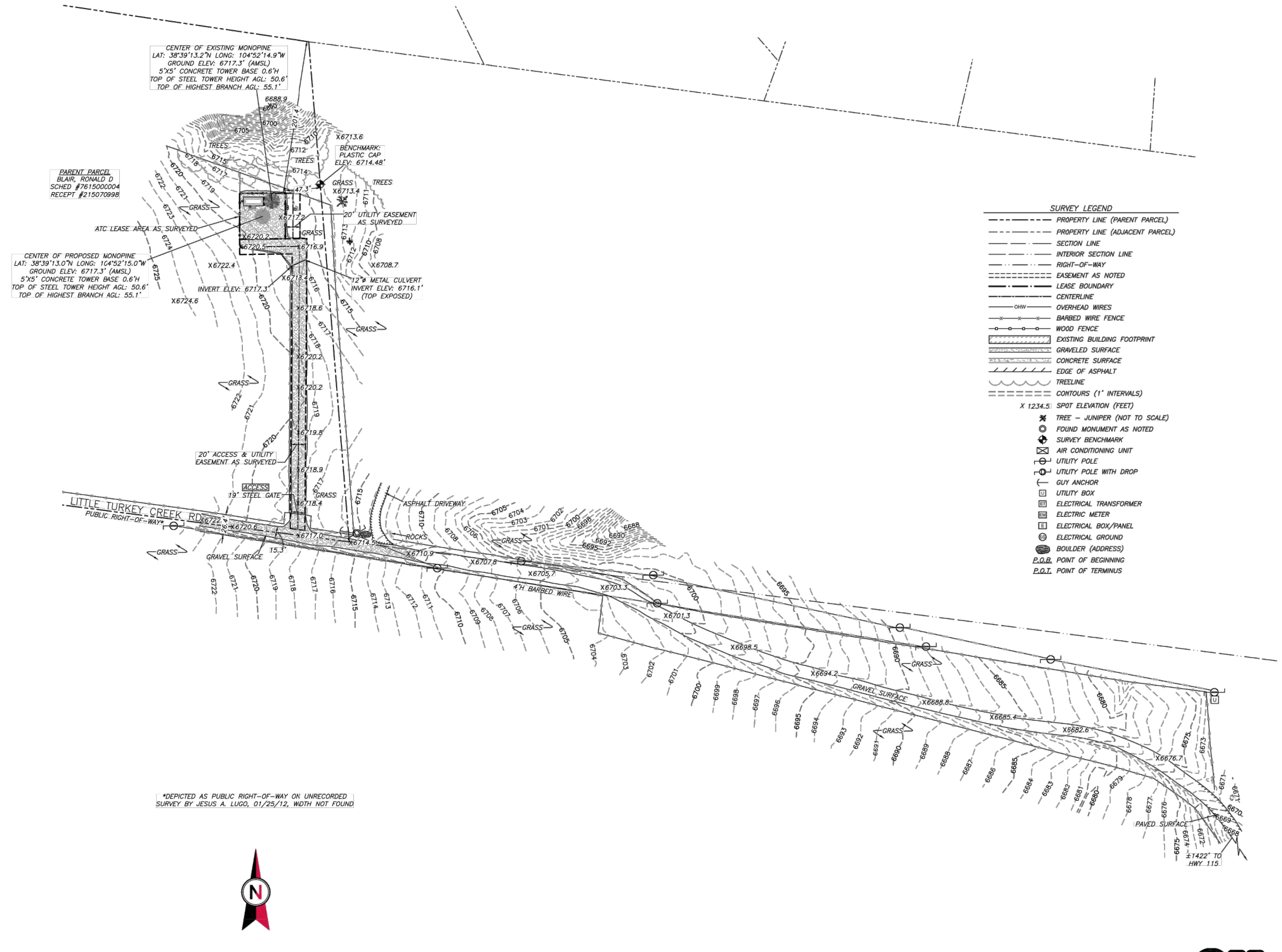
ENCROACHMENT STATEMENT  
 AT THE TIME OF THE SURVEY, THERE WAS VISIBLE EVIDENCE OF THE FOLLOWING ENCROACHMENTS:  
 A. THE PROVIDED LEGAL DESCRIPTIONS WERE NOT COMPLETELY LEGIBLE AND COULD NOT BE ACCURATELY REPRODUCED OR PLOTTED. THE AS-PROVIDED DESCRIPTIONS PLOTTED HEREON ARE APPROXIMATE ONLY. (PROVIDED AREA [60'X60', 3,600 SQUARE FEET] IS SUFFICIENT TO COMPLETELY ENCLOSE THE FENCE AROUND THE COMPOUND IF THE LEGAL DESCRIPTION BEARINGS AND DISTANCES ARE ADJUSTED TO EXACTLY FOLLOW THE EDGE OF THE EXISTING FENCELINE.)  
 B. A PORTION OF WIRE FENCE (UNKNOWN OWNERSHIP) AND WIRE FENCE (LANDOWNER) LIES WITHIN THE ACCESS & UTILITY EASEMENT AS SURVEYED AND UTILITY EASEMENT AS SURVEYED.



**1 PARENT PARCEL**  
 NTS



**2 COMPOUND DETAIL**  
 SCALE: 1"=40' (11X17)  
 1"=20' (22X34)



**3 EXISTING CONDITIONS PLAN**  
 SCALE: 1"=160' (11X17)  
 1"=80' (22X34)



**AMERICAN TOWER**  
**ATC TOWER SERVICES, INC.**  
 3500 REGENCY PARKWAY  
 SUITE 100  
 CARY, NC 27518  
 PHONE: (919) 468-0112  
 FAX: (919) 468-5415

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0	PRELIM	HH	09/19/2022
1	CLIENT COMMENTS		
2			

ATC SITE NUMBER:  
**419522**  
 ATC SITE NAME:  
**REBUILD TURKEY CREEK CO**  
 SITE ADDRESS:  
 2945 LITTLE TURKEY CREEK RD  
 COLORADO SPRINGS, COLORADO 80926-9615

SURVEY CERTIFICATE:  
 THIS IS TO CERTIFY THAT ARROW SURVEY GROUP, INC., AT THE REQUEST AND FOR THE EXCLUSIVE USE OF AMERICAN TOWER CORP., HAS PERFORMED THIS AS-BUILT SURVEY OF THE ATC LEASE AREA, FROM THE RECORD SOURCES AND ACTUAL FIELD SURVEY ON 09/08/2022 IN ACCORDANCE WITH THE MINIMUM STANDARDS OF PROPERTY BOUNDARY SURVEYS. ALL LINEAR AND ANGULAR VALUES SHOWN ARE BASED UPON DEED OR RECORD INFORMATION UNLESS OTHERWISE NOTED.

DATE OF PLAT: 09/19/2022  
 NAME: JASON D. LEVANEN  
 CO LICENSE NO. 38159

SURVEY PREPARED BY:  
  
 Sheridan, WY 82801 (307)751-7543

DRAWN BY:	HH
APPROVED BY:	JL
DATE DRAWN:	09/19/2022
ATC JOB NO:	419522

**EXISTING CONDITIONS AND TOPOGRAPHIC PLAN**

SHEET NUMBER:	REVISION:
<b>V-102</b>	<b>0</b>



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 Call before you dig.

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**AMERICAN TOWER®**  
**ATC TOWER SERVICES, LLC**  
 3500 REGENCY PARKWAY  
 SUITE 100  
 CARY, NC 27518  
 PHONE: (919) 468-0112

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REV.	DESCRIPTION	BY	DATE
A	PRELIM	AB	10/18/22

ATC SITE NUMBER:  
**211173**

ATC SITE NAME:  
**REBUILD TURKEY CREEK CO**

SITE ADDRESS:  
 2945 LITTLE TURKEY CREEK RD  
 COLORADO SPRINGS, CO 80926

SEAL:

**PRELIMINARY:  
 NOT FOR  
 CONSTRUCTION**

DATE DRAWN:	10/18/22
ATC JOB NO:	14141546_D4
OPS JOB NO:	13734361
ATC LEGACY #:	419522

**OVERALL SITE PLAN**

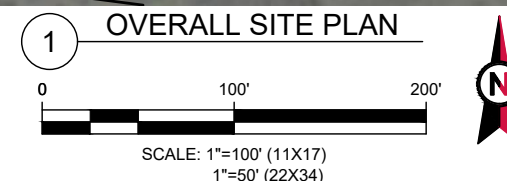
SHEET NUMBER:  
**C-101**

REVISION:  
**A**



**LEGEND**

- EXISTING PROPERTY
- EXISTING ADJ. PROPERTY
- EXISTING EASEMENT
- EXISTING CONTOUR (MAJOR)
- EXISTING CONTOUR (MINOR)
- EXISTING TREELINE
- EXISTING CHAINLINK FENCE
- EXISTING BUILDING
- EXISTING STORM DRAIN
- EXISTING ROAD (DIRT)
- EXISTING ROAD (STONE)
- EXISTING ROAD (PAVED)
- EXISTING CONCRETE
- EXISTING LEASE AREA
- EXISTING OVERHEAD WIRE
- EXISTING UTILITY POLE



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**AMERICAN TOWER®**  
**ATC TOWER SERVICES, LLC**  
 3500 REGENCY PARKWAY  
 SUITE 100  
 CARY, NC 27518  
 PHONE: (919) 468-0112

THESE DRAWINGS AND/OR THE ACCOMPANYING SPECIFICATION AS INSTRUMENTS OR SERVICE ARE THE EXCLUSIVE PROPERTY OF AMERICAN TOWER. THEIR USE AND PUBLICATION SHALL BE RESTRICTED TO THE ORIGINAL SITE FOR WHICH THEY ARE PREPARED. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO AMERICAN TOWER OR THE SPECIFIED CARRIER IS STRICTLY PROHIBITED. TITLE TO THESE DOCUMENTS SHALL REMAIN THE PROPERTY OF AMERICAN TOWER WHETHER OR NOT THE PROJECT IS EXECUTED. NEITHER THE ARCHITECT NOR THE ENGINEER WILL BE PROVIDING ON-SITE CONSTRUCTION REVIEW OF THIS PROJECT. CONTRACTOR(S) MUST VERIFY ALL DIMENSIONS AND ADVISE AMERICAN TOWER OF ANY DISCREPANCIES. ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION ON FILE WITH AMERICAN TOWER.

REV.	DESCRIPTION	BY	DATE
A	PRELIM	AB	10/18/22

ATC SITE NUMBER:  
**211173**  
 ATC SITE NAME:  
**REBUILD TURKEY CREEK CO**  
 CO  
 SITE ADDRESS:  
 2945 LITTLE TURKEY CREEK RD  
 COLORADO SPRINGS, CO 80926

SEAL:

**PRELIMINARY:  
NOT FOR  
CONSTRUCTION**

DATE DRAWN:	10/18/22
ATC JOB NO:	14141546_D4
OPS JOB NO:	13734361
ATC LEGACY #:	419522

**COMPOUND PLAN**

SHEET NUMBER: **C-401**      REVISION: **A**



**1** COMPOUND PLAN  
 0 10' 20'  
 SCALE: 1"=10' (11X17)  
 1"=5' (22X34)



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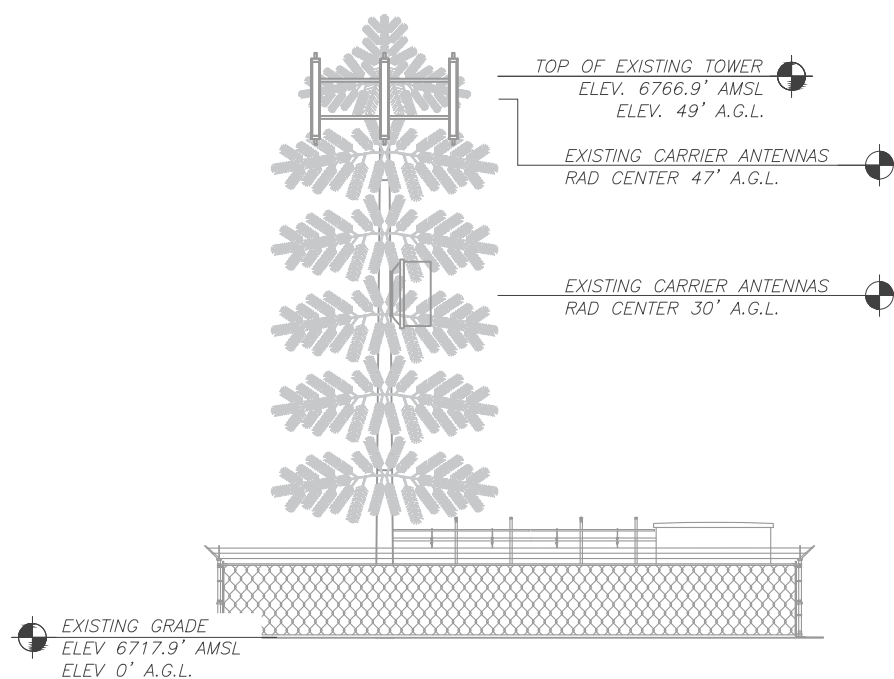
DATE DRAWN:	10/18/22
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**TOWER ELEVATION**

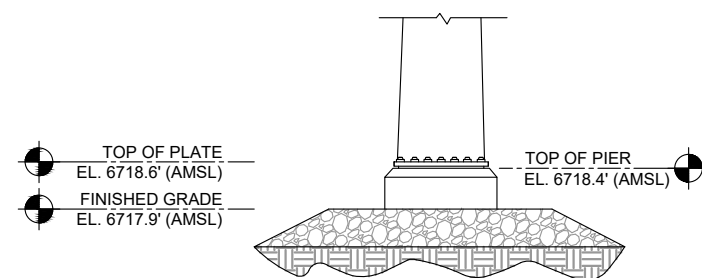
SHEET NUMBER: <b>C-402</b>	REVISION: <b>A</b>
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TOWER NOTE:

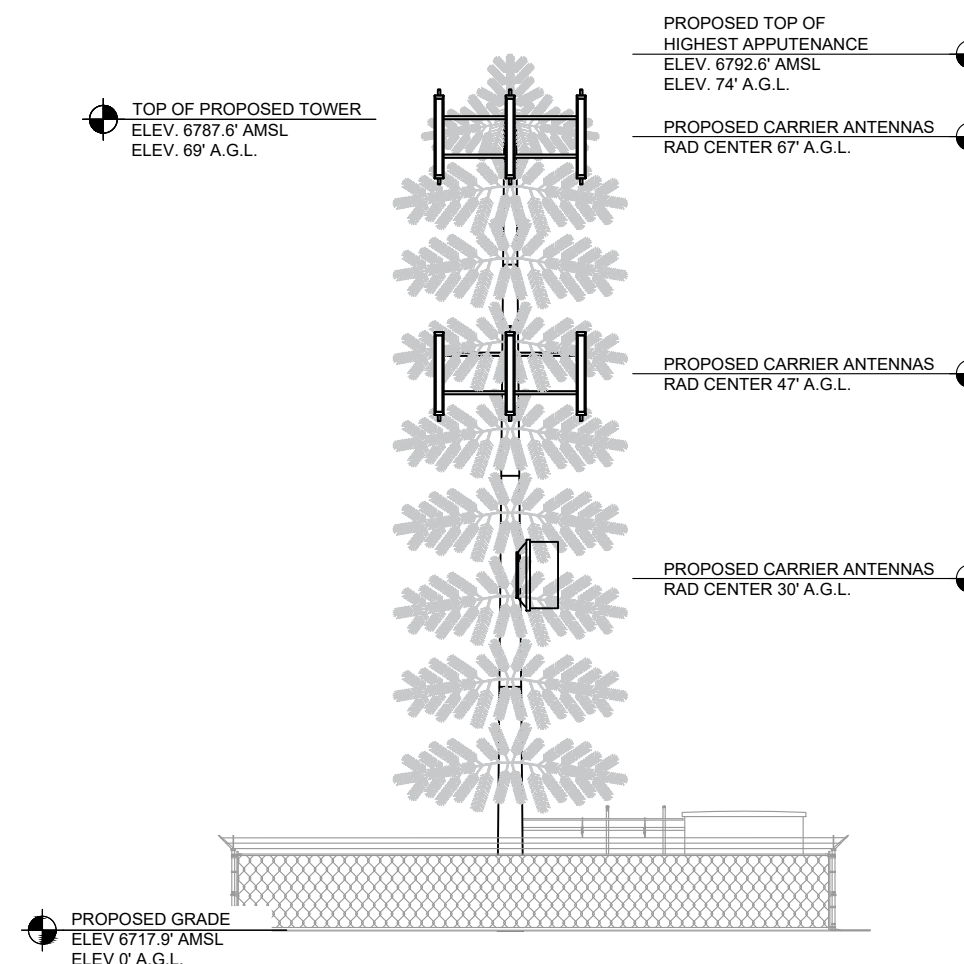
1. NO TOWER LIGHTING IS PROPOSED. TO BE CONFIRMED BY FAA/FCC. SEE SHEET E-502 FOR DETAIL.
2. CARRIER LOADING SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY AND MAY NOT REPRESENT ACTUAL FINAL LOADING. PLEASE REFER TO THE LATEST RFDS OR APPLICATION FOR CONFIRMATION.
3. PROPOSED TREE SHOWN CONCEPTUALLY. REFER TO THE TOWER MANUFACTURER DRAWINGS FOR ACTUAL BRANCH COUNT/LOCATION AND FOLIAGE DENSITY.



**1** EXISTING TOWER ELEVATION  
 SCALE: NOT TO SCALE



**2** TOWER BASE ELEVATION  
 SCALE: NOT TO SCALE

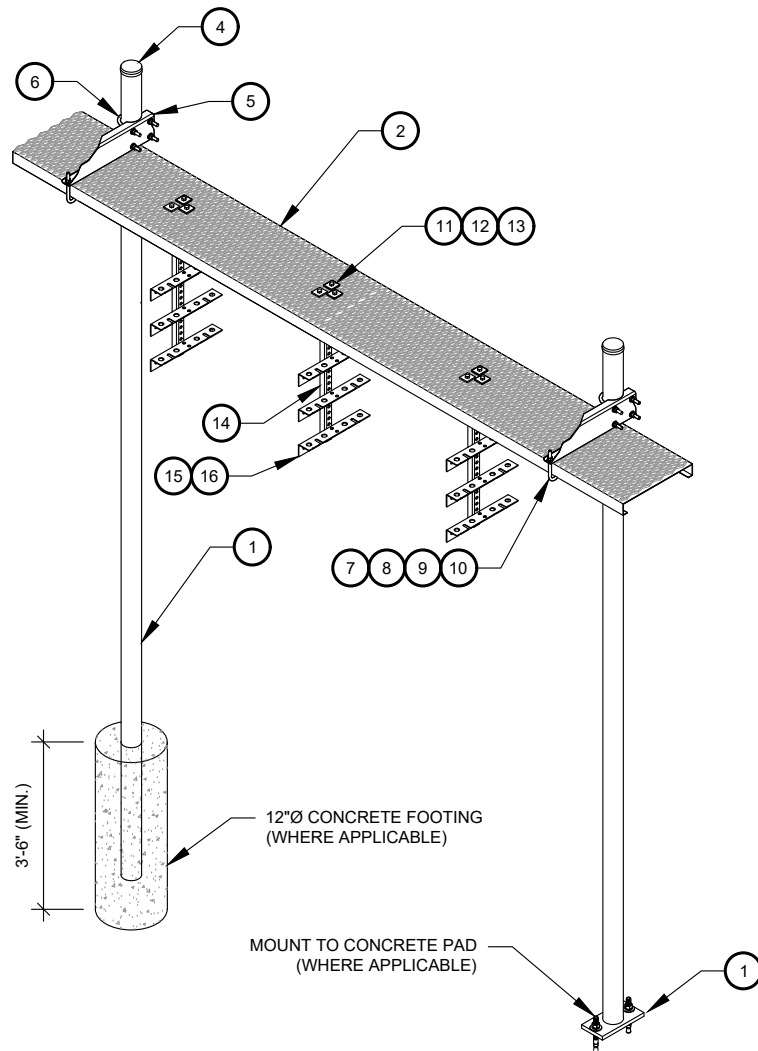


**3** PROPOSED TOWER ELEVATION  
 SCALE: NOT TO SCALE

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CONSTRUCTION NOTE:

- WHERE POSSIBLE AND AS APPLICABLE, THE CONTRACTOR SHALL UTILIZE EXISTING ICE BRIDGE, CABLE LADDER, COAX SUPPORTS, AND COAX PORTS. BEFORE UTILIZING, CONTRACTOR SHALL VERIFY THAT ALL ASPECTS OF THE COMPONENTS MEET THE ATC SPECIFICATIONS. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF NEW ICE BRIDGE, CABLE LADDER, COAX SUPPORT, AND COAX PORT, AS REQUIRED, WITH THE ATC CONSTRUCTION MANAGER.
- INSTALL ICE BRIDGE TO ALLOW 7 FEET CLEARANCE ABOVE GRADE TO LOWEST APPURTENANCE.



WB-K210-B WAVEGUIDE BRIDGE KIT - BILL OF MATERIALS (INCLUDED WITH KIT UNLESS NOTED OTHERWISE)					
ITEM	PART NUMBER	DESCRIPTION	ITEM	PART NUMBER	DESCRIPTION
1	MF126.01 MF-130	10'-4" COLUMN & BASE SHOE* 13'-4" PIPE COLUMN	9	GWL-04	1/2" GALV LOCK WASHER
2	WB-CY210	SAFETY GRATING 24" X 10'	10	GN-04	1/2" GALV HEX NUT
3	WBK110BHK	HARDWARE KIT (ITEMS 4-16)	11	GB-03205	3/8" X 2" GALV BOLT KIT
4	PC-034	PIPE CAP 3-1/2"	12	MT-387	SQUARE WASHER, 1-1/2" X 1-1/2" W/ 7/16" HOLE
5	WBLB243.08	24" WAVEGUIDE BRIDGE SUPPORT BRACKET	13	GWF-03	3/8" GALV FLAT WASHER
6	GUB-4356	1/2" X 3-5/8" X 6" GALV U-BOLT	14	WBT243.01	VERTICAL TRAPEZE SECTION
7	WB-JB-6	1/2" J-BOLT	15	GB-03105	3/8" X 1" GALV BOLT KIT
8	GWF-04	1/2" GALV FLAT WASHER	16	WBT243.02	HORIZONTAL TRAPEZE SECTION

CONTRACTOR SHALL USE PARTS MANUFACTURED BY COMMScope OR APPROVED EQUIVALENT.  
\*BASE SHOE NOT INCLUDED IN WB-K210-B KIT, ORDER COLUMN SEPARATELY OR KIT WB-K210-S.

1 24" WAVEGUIDE BRIDGE KIT  
SCALE: NOT TO SCALE



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CO**

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NOT FOR  
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DATE DRAWN:	10/18/22
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OPS JOB NO:	13734361
ATC LEGACY #:	419522

**CONSTRUCTION  
DETAILS**

SHEET NUMBER:	REVISION:
<b>C-501</b>	<b>A</b>



# CAUTION



**Beyond this point:  
Radio frequency fields at this site  
may exceed FCC rules for human  
exposure.**

**For your safety, obey all posted signs  
and site guidelines for working in radio  
frequency environments.**

In accordance with Federal Communications  
Commission rules on radio frequency emissions 47 CFR 1.1307(b)

# NO TRESPASSING

ATC CAUTION AND NO TRESPASSING SIGN

# WARNING



**Beyond this point:  
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**For your safety, obey all posted signs  
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frequency environments.**

In accordance with Federal Communications  
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ATC RF WARNING AND FCC NUMBER SIGN

## FCC TOWER REGISTRATION #

**Posting of sign required by law**

ATC STAND-ALONE FCC TOWER  
REGISTRATION SIGN

**NOTICE**  
GUIDELINES FOR WORKING IN  
RADIOFREQUENCY ENVIRONMENTS

- ⚠ All personnel should have electromagnetic energy (EME) awareness training.
- ⚠ All personnel entering this site must be authorized.
- ⚠ Obey all posted signs.
- ⚠ Assume all antennas are active.
- ⚠ Before working on antennas, notify owners and disable appropriate transmitters.
- ⚠ Maintain minimum 3 feet clearance from all antennas.
- ⚠ Do not stop in front of antennas.
- ⚠ Use personal RF monitors while working near antennas.
- ⚠ Never operate transmitters without shields during normal operation.
- ⚠ Do not operate base station antennas in equipment room.

ATC RF PROGRAM NOTICE SIGN

**AMERICAN TOWER®**  
ATC TOWER SERVICES, LLC  
3500 REGENCY PARKWAY  
SUITE 100  
CARY, NC 27518  
PHONE: (919) 468-0112

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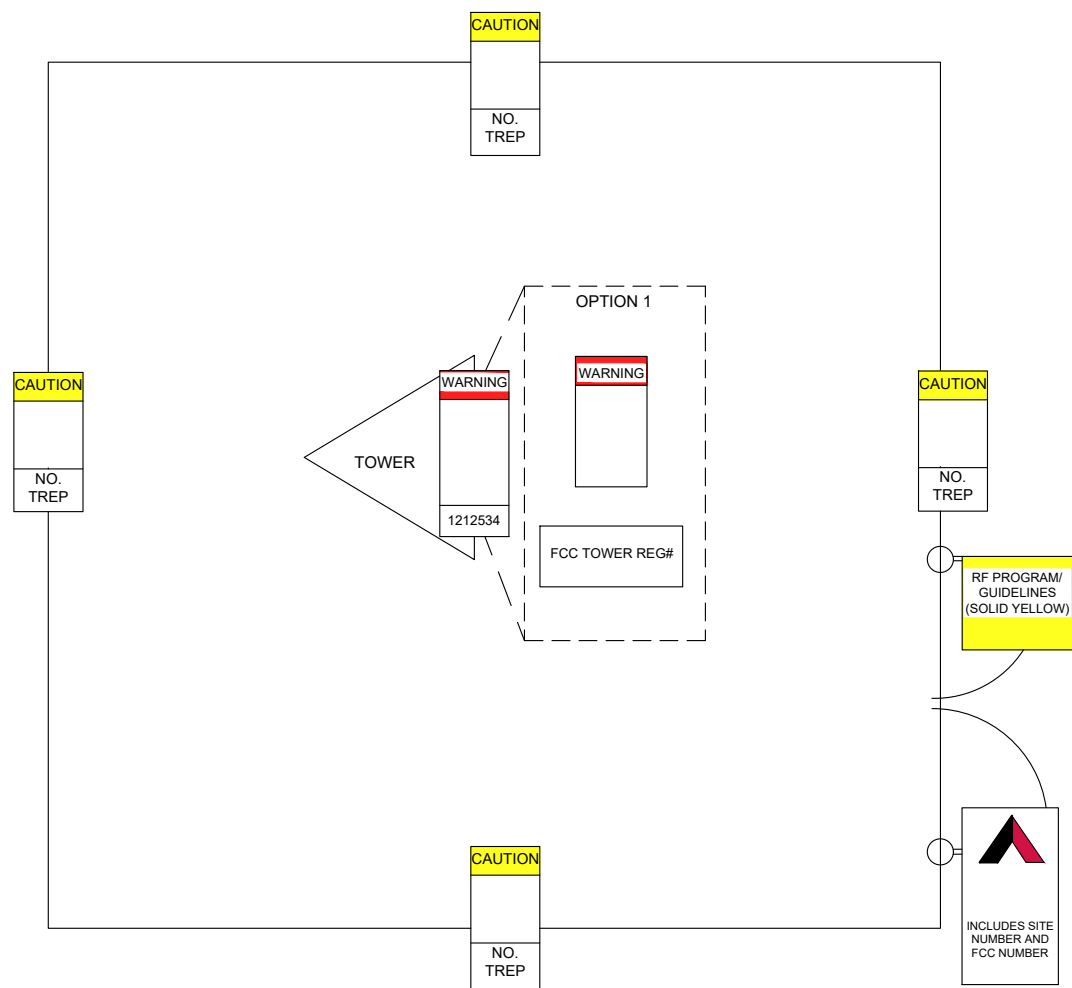
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SIGNAGE

SHEET NUMBER: <b>C-502</b>	REVISION: <b>A</b>
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A "NO TRESPASSING" SIGN MUST BE POSTED A MINIMUM OF EVERY 50'.



THERE MUST BE AN ATC SIGN WITH SITE INFORMATION AND FCC REGISTRATION NUMBER AT BOTH THE ACCESS ROAD GATE (GATE OFF OF MAIN ROAD, IF APPLICABLE) AND COMPOUND FENCE (IF NO COMPOUND FENCE, THEN IN A CONSPICUOUS PLACE UPON DRIVE UP). IN ADDITION, PLEASE LOOK AT DIAGRAM FOR ALL ADDITIONAL SIGNS REQUIRED.

OPTION 1 MAY BE USED TO POST TOWER REGISTRATION NUMBERS AT THE BASE OF THE TOWER IF A WARNING SIGN DOES NOT HAVE SPACE FOR THE TOWER REGISTRATION NUMBER.

IMPORTANT: FOR ANY ATC SIGN THAT DOES NOT MEET THE ATC SPECIFICATION FOR SIGNAGE (I.E., SHARPIE/PAINT PEN, WORN LABELS, ETC.), BRING IT INTO COMPLIANCE (RE-WRITE IF WORN) AND FLAG FOR REPLACEMENT ASAP WITH THE APPROPRIATE PERMANENT SIGN (YOU CAN ORDER THESE THROUGH THE WAREHOUSE).

ONLY LABELS PRINTED BY A ZEBRA LABEL PRINTER WILL BE ACCEPTED.

**AMERICAN TOWER**

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**SITE NAME :** REBUILD TURKEY CREEK CO  
**SITE NUMBER :** 211173  
**FCC REGISTRATION # :**

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**FOR LEASING INFORMATION:** 877-282-7483  
877-ATC-SITE

**FOR EMERGENCIES CALL:** 877-518-6937  
877-51-TOWER

NO TRESPASSING

**www.americantower.com**

POSTING OF THIS SIGNAGE REQUIRED BY LAW

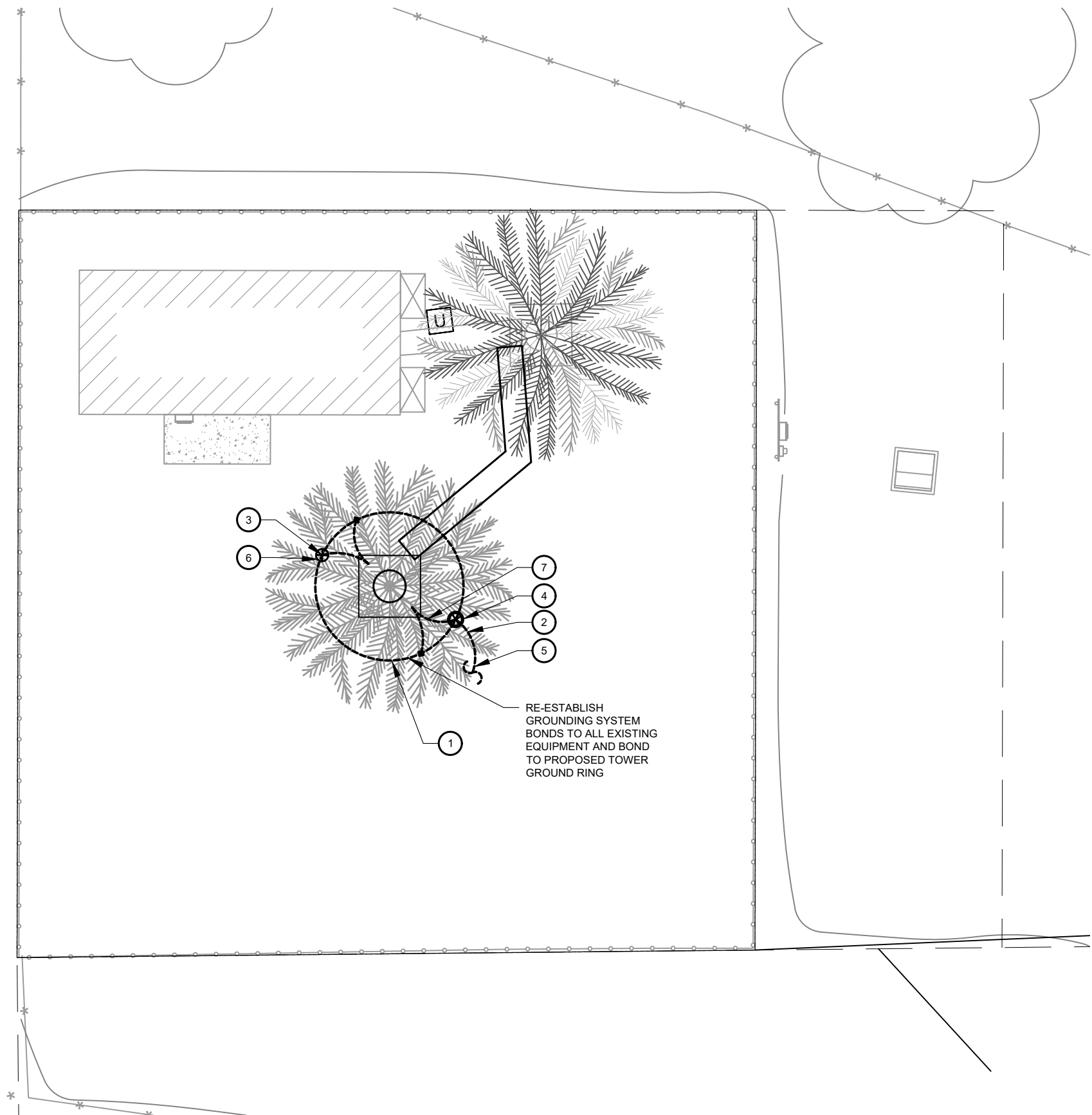
ATC SITE SIGN

**REPLACEMENT OF SIGNAGE:**

AS SIGNAGE BECOMES STOLEN, DAMAGED, BRITTLE OR FADED, IT SHOULD BE REPLACED WITH SIGNAGE PER THIS SPECIFICATION. ANY ACQUIRED SITE SHOULD HAVE NEW SIGNS POSTED WITHIN 60 DAYS UNLESS OTHERWISE SPECIFIED. ANY SITE SOLD SHOULD HAVE THE ATC SIGNS REMOVED WITHIN 30 DAYS UNLESS OTHERWISE SPECIFIED. ALL FCC OR REGULATORY SIGNAGE MUST BE INSTALLED OR REPLACED AS REQUIRED TO MEET OUR STANDARD. SIGNS SHOULD BE REPLACED ON NORMAL, QUARTERLY MAINTENANCE VISITS BY CONTRACTORS OR SITE MANAGERS, UNLESS OTHERWISE REQUIRED ON A CASE-BY-CASE BASIS.

**NOTE:**

EXTERIOR SIGNS ARE NOT PROPOSED EXCEPT AS REQUIRED BY THE FCC. ALL EXISTING SIGNAGE AND ANY FUTURE SIGNAGE WILL BE COMPLIANT WITH STATUTE 164-43.4 NO HIGH-VOLTAGE SIGNAGE IS NECESSARY. NO HIGH-VOLTAGE EQUIPMENT PRESENT.



**1** GROUNDING PLAN

0 10' 20'

SCALE: 1"=10' (11X17)  
1"=5' (22X34)



**GROUNDING PLAN NOTES:**

1. ALL DETAILS ARE SHOWN IN GENERAL TERMS. ACTUAL INSTALLATION AND CONSTRUCTION MAY VARY DUE TO SITE SPECIFIC CONDITIONS.
2. ALL GROUND CONNECTIONS SHALL BE EXOTHERMIC WELDED. ALL WIRES SHALL BE COPPER.
3. CONTRACTOR TO VERIFY AND TEST GROUND TO SOURCE. GROUNDING AND OTHER OPERATIONAL TESTING WILL BE WITNESSED BY OWNER REPRESENTATIVE.
4. REFER TO ATC CONSTRUCTION SPEC AND COMPLY WITH ALL REQUIREMENTS OF GROUNDING STANDARDS.
5. ELECTRICAL CONTRACTOR TO PROVIDE DETAILED DESIGN OF GROUNDING SYSTEM, AND RECEIVE APPROVAL OF DESIGN BY OWNER REPRESENTATIVE, PRIOR TO INSTALLATION OF GROUNDING SYSTEM. PHOTO DOCUMENT ALL CONNECTIONS AND GROUND RING.
6. NOTIFY CONSTRUCTION MANAGER IF THERE ARE ANY DIFFICULTIES INSTALLING GROUNDING SYSTEM DUE TO SITE SOIL CONDITIONS.
7. TO AVOID TOWER FOUNDATION, GROUND RODS MAY BE INSTALLED AT AN ANGLE OR TOWER GROUND RING MAY BE EXTENDED AS NEEDED.

**KEYED NOTES:**

- ① #2 AWG SBTC TOWER GROUND RING. (MIN 2 FT FROM FOUNDATION)
- ② #2 AWG SBTC TOWER RING RADIALS. GROUNDING RADIAL (TYP.) SEE TRENCH DETAIL 4 ON SHEET E-501. MAINTAIN DEPTH AND MINIMUM 15 FT. SEPARATION FROM OTHER RADIALS AT ENDS AND MINIMUM 5 FT. SEPARATION AT GROUNDING SYSTEMS AND BUILDING FOUNDATIONS.
- ③ 3/4" X 10 FT GROUND ROD (TYP). SEE DETAIL 2 ON SHEET E-501
- ④ 3/4" X 10 FT GROUND ROD WITH TEST WELL (MIN. ONE PER SITE ON TOWER GROUND RING). SEE DETAIL 5 ON SHEET E-501.
- ⑤ BOND TO ELECTRICAL SERVICE AT MAIN BONDING JUMPER WITH #2 AWG SBTC. PARALLEL CONNECTION AWAY FROM TOWER. SEE DETAIL 1 ON SHEET E-501.
- ⑥ SERVICE GROUND ROD SIZE MINIMUM PER NEC OR AS OTHERWISE INDICATED. PLACE MINIMUM OF 10' FROM ALL OTHER GROUND RODS.
- ⑦ TOWER TO GROUND RING BONDS. SEE DETAIL 3 ON SHEET E-501.

**INSTALLATION NOTES:**

1. INSTALL STANDARD LEVEL I DESIGN (BASE BID) WHICH INCLUDES:
  - 1.1. TOWER RING, 1 GROUND ROD PER LEG, SERVICE GROUND ROD AT H-FRAME, RADIALS TO H-FRAME. ADDITIONAL WORK NECESSARY BELOW SHALL BE CONSIDERED AN ALLOWANCE.
2. MEASURE GROUNDING SYSTEM RESISTANCE WITH A 3-PROBE TEST PRIOR TO BACKFILL/DEMOLITION AND PRIOR TO CONNECTION OF UTILITY POWER NEUTRAL TO THE SYSTEM.
3. IF GROUNDING SYSTEM RESISTANCE IS GREATER THAN 10 OHMS COORDINATE WITH ATC ENGINEER OF RECORD.

**GROUNDING PLAN LEGEND:**

- GROUND WIRE
- ⊗ COPPER GROUND ROD
- EXOTHERMIC WELD
- ⊗ TEST WELL
- MECHANICAL WELD



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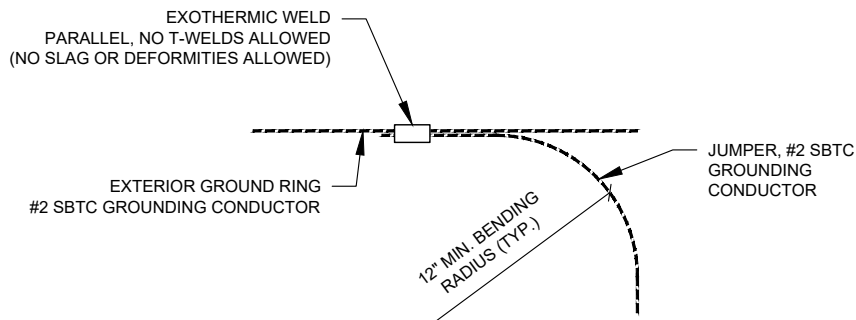
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**GROUNDING LAYOUT**

SHEET NUMBER: <b>E-401</b>	REVISION: <b>A</b>
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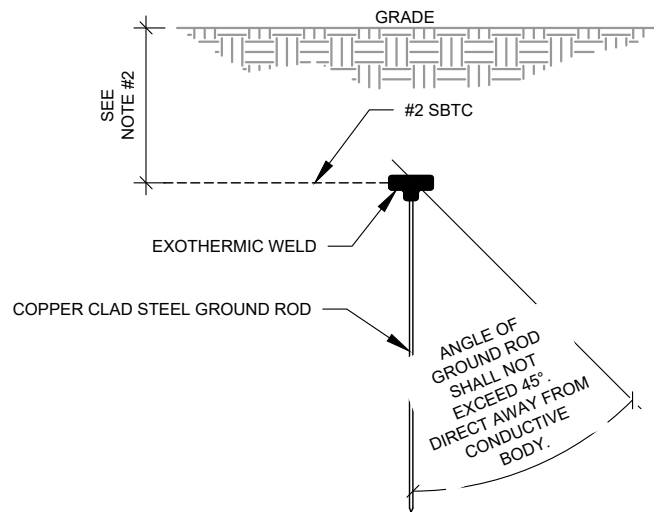
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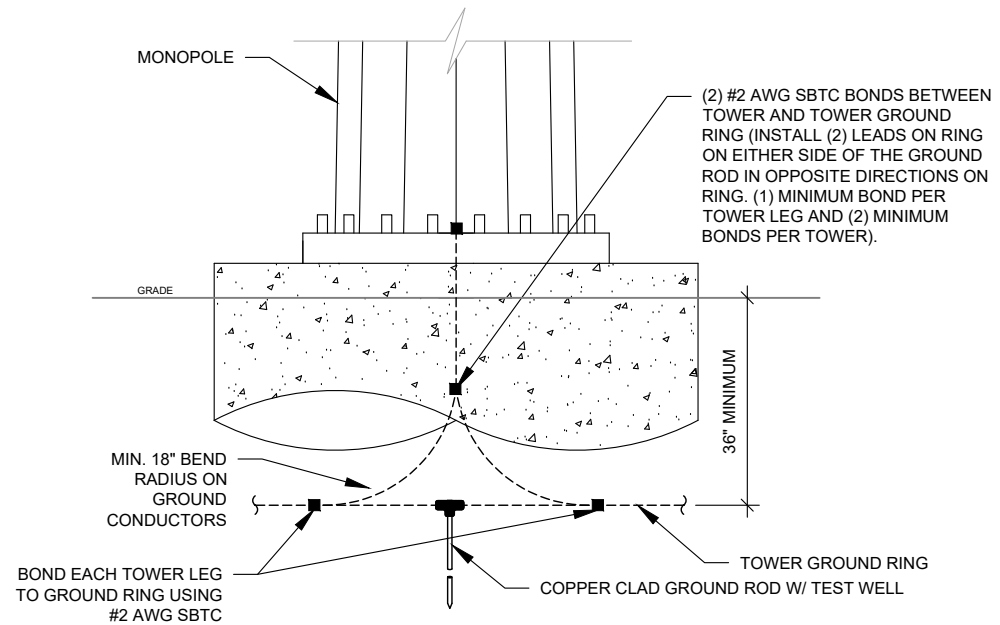


1 TIE CONNECTION DETAIL  
SCALE: N.T.S.

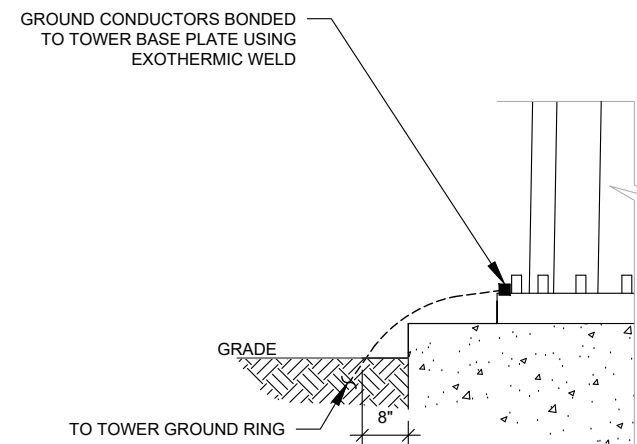
- NOTES:**
1. LOCATE BEFORE DIGGING.
  2. ALL RING AND RADIAL DEPTHS AT 30" OR 6" BELOW FROST LINE, WHICHEVER IS GREATER.
  3. WELD GROUND TO FENCE AS LOW AS POSSIBLE TO DETER COPPER THEFT



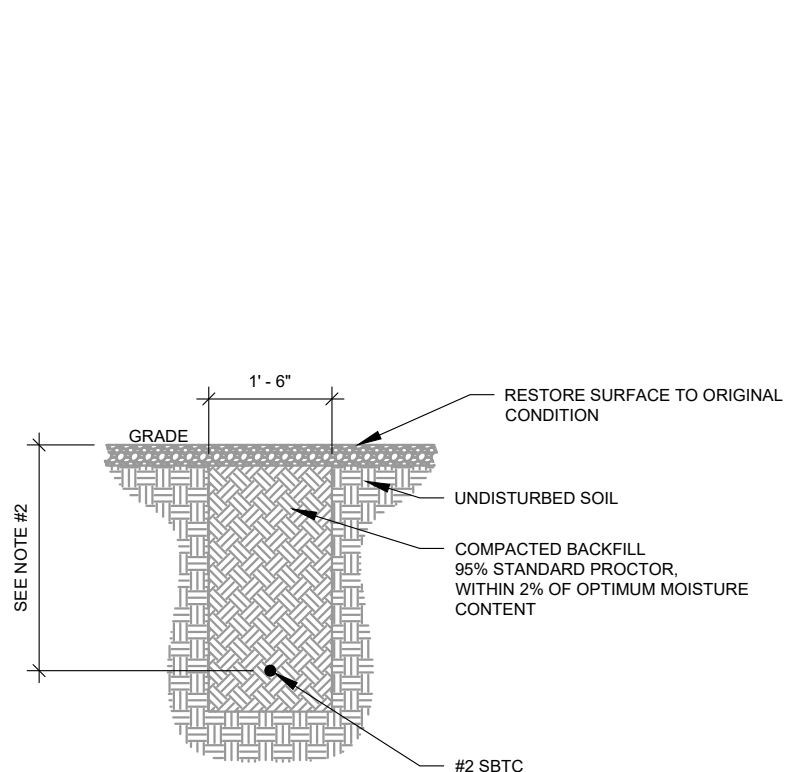
2 GROUND ROD DETAIL  
SCALE: N.T.S.



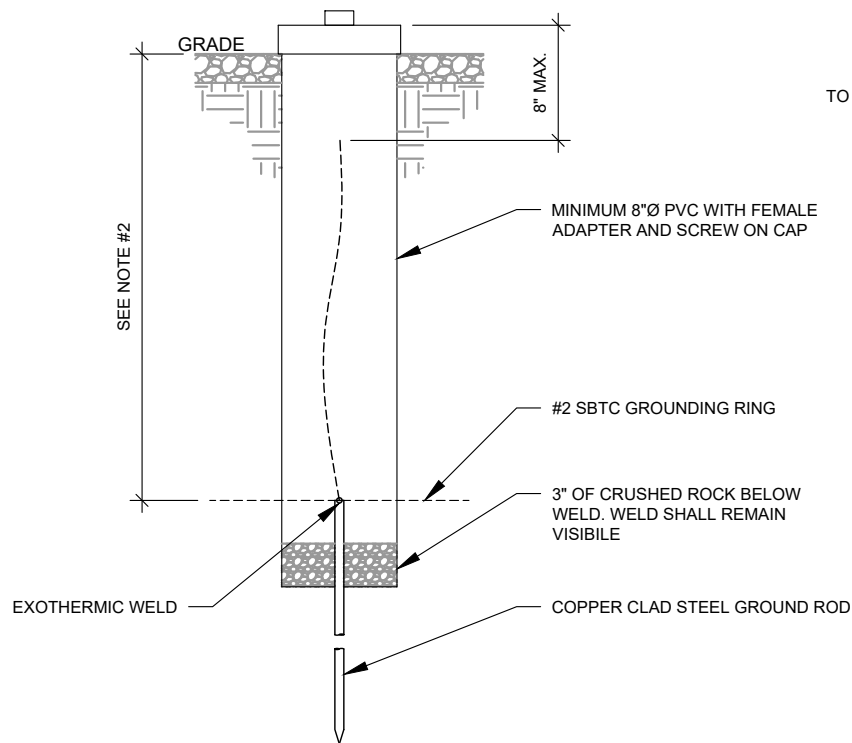
3 TOWER GROUNDING (FRONT)  
SCALE: N.T.S.



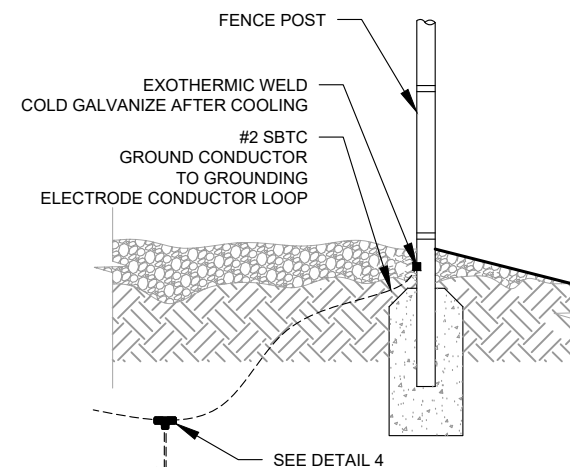
6 TOWER GROUNDING (SIDE)  
SCALE: N.T.S.



4 GROUND CONNECTION TRENCH DETAIL (STD.)  
SCALE: N.T.S.



5 TEST WELL DETAIL  
SCALE: N.T.S.



7 FENCE GROUNDING DETAIL  
SCALE: N.T.S.

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**ELECTRICAL DETAILS**

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