

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 ANY PRIOR ISSUANCE OF THIS DRAWING IS SUPERSEDED BY THE LATEST VERSION ON FILE WITH AMERICAN TOWER.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

COMPLIANCE CODE
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

PROJECT SUMMARY
<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

PROJECT DESCRIPTION
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.

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SHEET NO:	DESCRIPTION:	REV:	DATE:	BY:		
G-001	TITLE SHEET	A	10/18/22	AB		
G-002	GENERAL NOTES	A	10/18/22	AB		
V-101	AS-BUILT/TITLE & BOUNDARY PLAN					
V-102	EXISTING CONDITIONS AND TOPOGRAPHY PLAN					
C-101	OVERALL SITE PLAN	A	10/18/22	AB		
C-401	COMPOUND PLAN	A	10/18/22	AB		
C-402	TOWER ELEVATION	A	10/18/22	AB		
C-501	CONSTRUCTION DETAILS	A	10/18/22	AB		
C-502	SIGNAGE	A	10/18/22	AB		
E-401	GROUNDING LAYOUT	A	10/18/22	AB		
E-501	ELECTRICAL DETAILS	A	10/18/22	AB		

SURVEY INFORMATION
1. TOPOGRAPHY OBTAINED FROM SURVEY 2. BOUNDARY INFORMATION WAS OBTAINED FROM SURVEY PLAN DATED 09/19/22 BY ARROW SURVEY GROUP

PROJECT TEAM
<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

UTILITY COMPANIES

POWER COMPANY: UNKNOWN
PHONE: (UNKNOWN)

TELEPHONE COMPANY: UNKNOWN
PHONE: (UNKNOWN)

Know what's below.
Call before you dig.

PROJECT LOCATION DIRECTIONS
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

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

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

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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.



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

GENERAL NOTES

SHEET NUMBER: G-002	REVISION: A
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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

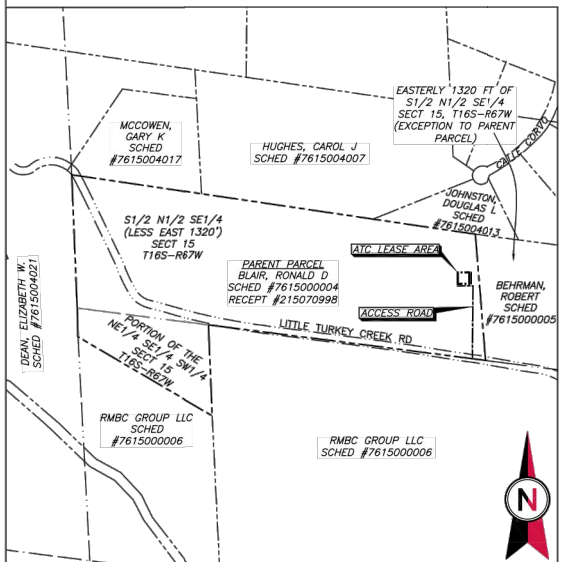
GEOGRAPHIC COORDINATES OF PROPOSED TOWER:
 LATITUDE: 38°39'13.0" N LONGITUDE: 104°52'15.0" W GROUND ELEVATION: 6717.3'
 VERTICAL DATUM: NAVD 1988 HORIZONTAL DATUM: NAD83

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

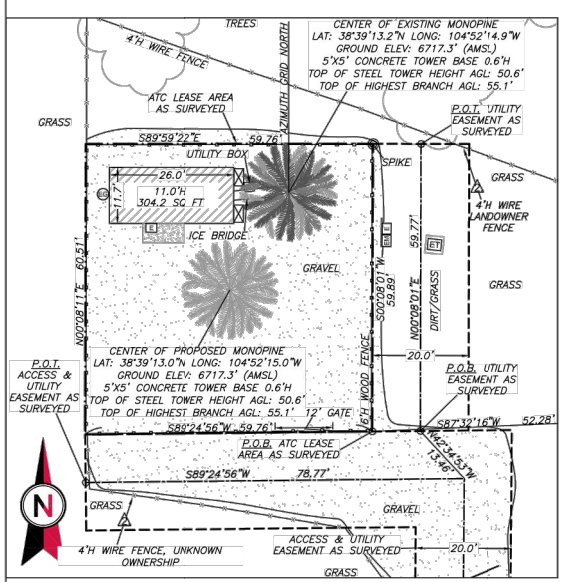
FLOODPLAIN:
 PER THE FEMA FLOODPLAIN MAPS, THE SITE IS LOCATED IN AN AREA DESIGNATED AS ZONE X, AND IS NOT IN A SPECIAL FLOOD HAZARD AREA.
 COMMUNITY PANEL NUMBER: 080410950G DATED: 12/07/2018

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.

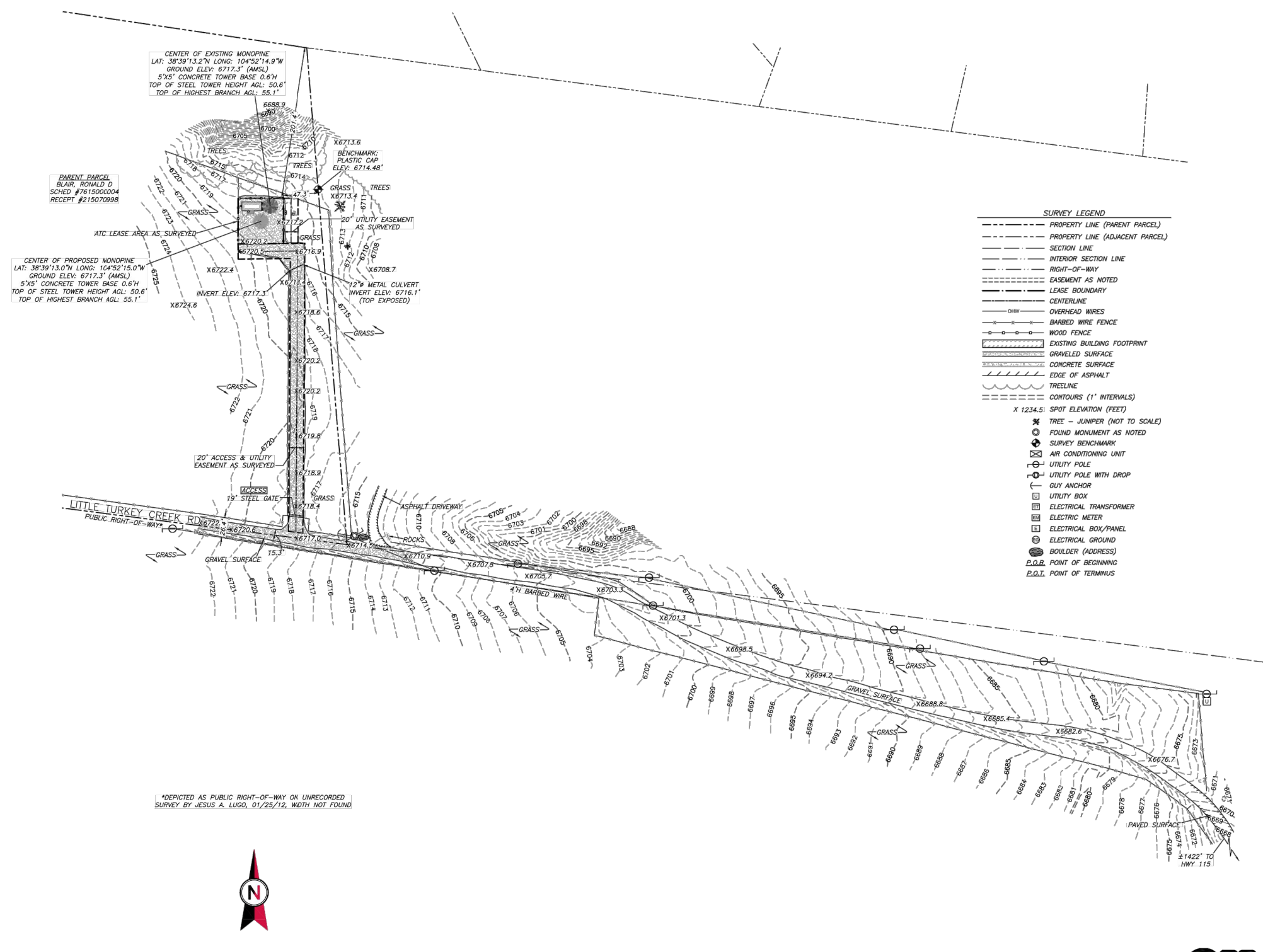
ENCROACHMENT STATEMENT:
 AT THE TIME OF THE SURVEY, THERE WAS VISIBLE EVIDENCE OF THE FOLLOWING ENCROACHMENTS:
 A. THE PROVIDED LEGAL DESCRIPTIONS WERE NOT COMPLETELY LEGIBLE AND COULD NOT BE ACCURATELY REPRODUCED OR PLOTTED. THE AS-PROVIDED DESCRIPTIONS PLOTTED HEREON ARE APPROXIMATE ONLY. (PROVIDED 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)

- SURVEY LEGEND**
- PROPERTY LINE (PARENT PARCEL)
 - PROPERTY LINE (ADJACENT PARCEL)
 - SECTION LINE
 - INTERIOR SECTION LINE
 - RIGHT-OF-WAY
 - EASEMENT AS NOTED
 - LEASE BOUNDARY
 - CENTERLINE
 - OHW
 - OVERHEAD WIRES
 - BARBED WIRE FENCE
 - WOOD FENCE
 - EXISTING BUILDING FOOTPRINT
 - GRAVELLED SURFACE
 - CONCRETE SURFACE
 - EDGE OF ASPHALT
 - TRELLINE
 - CONTOURS (1' INTERVALS)
 - X 1234.5: SPOT ELEVATION (FEET)
 - * TREE - JUNIPER (NOT TO SCALE)
 - FOUND MONUMENT AS NOTED
 - SURVEY BENCHMARK
 - AIR CONDITIONING UNIT
 - UTILITY POLE
 - UTILITY POLE WITH DROP
 - GUY ANCHOR
 - UTILITY BOX
 - ELECTRICAL TRANSFORMER
 - ELECTRIC METER
 - ELECTRICAL BOX/PANEL
 - ELECTRICAL GROUND
 - BOULDER (ADDRESS)
 - P.O.B. POINT OF BEGINNING
 - P.O.T. POINT OF TERMINUS



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

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 PRIORITY 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

EXISTING CONDITIONS AND TOPOGRAPHIC PLAN

SHEET NUMBER:	REVISION:
V-102	0



Know what's below.
 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



PARENT PARCEL
 BLAIR, RONALD D
 SCHED #7615000004
 RECEIPT #215070998

PROPOSED 69' MONOPINE
 LAT: N38° 39' 12.98"
 LONG: W104° 52' 15.04"

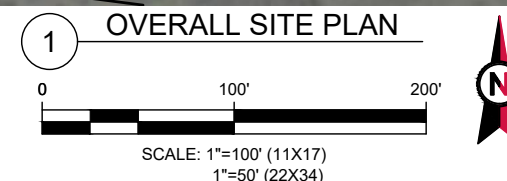
EXISTING LEASE AREA

EXISTING ACCESS EASEMENT

LITTLE TURKEY CREEK RD. OHW

LEGEND

- EXISTING PROPERTY
- EXISTING ADJ. PROPERTY
- EXISTING EASEMENT
- XXX--- EXISTING CONTOUR (MAJOR)
- XXX--- EXISTING CONTOUR (MINOR)
- ~ ~ ~ EXISTING TREELINE
- x x x EXISTING CHAINLINK FENCE
- ▨ EXISTING BUILDING
- SD SD 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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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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SEAL:

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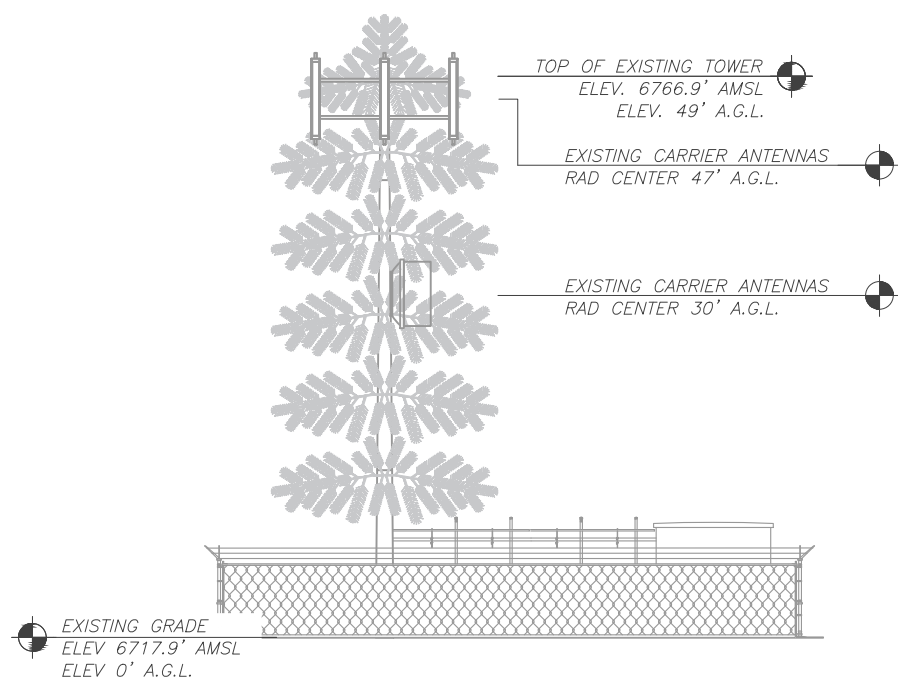
DATE DRAWN:	10/18/22
ATC JOB NO:	14141546_D4
OPS JOB NO:	13734361
ATC LEGACY #:	419522

TOWER ELEVATION

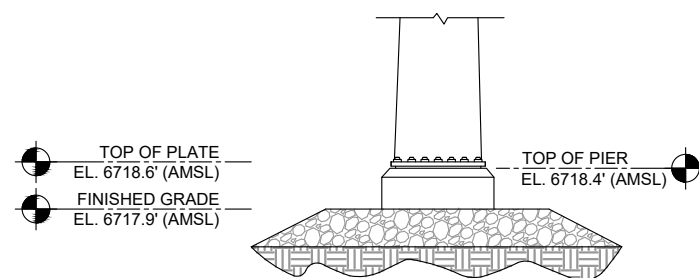
SHEET NUMBER: C-402	REVISION: A
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TOWER NOTE:

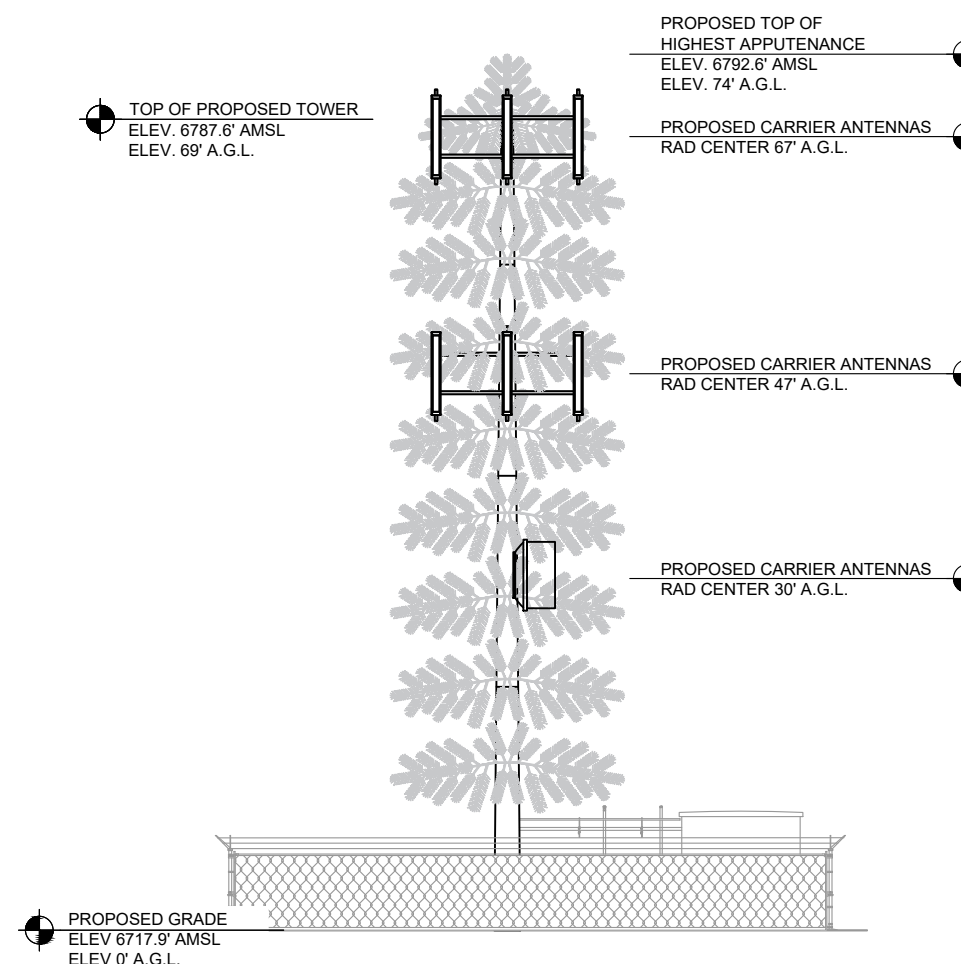
1. NO TOWER LIGHTING IS PROPOSED. TO BE CONFIRMED BY FAA/FCC. SEE SHEET E-502 FOR DETAIL.
2. CARRIER LOADING SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY AND MAY NOT REPRESENT ACTUAL FINAL LOADING. PLEASE REFER TO THE LATEST RFDS OR APPLICATION FOR CONFIRMATION.
3. PROPOSED TREE SHOWN CONCEPTUALLY. REFER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

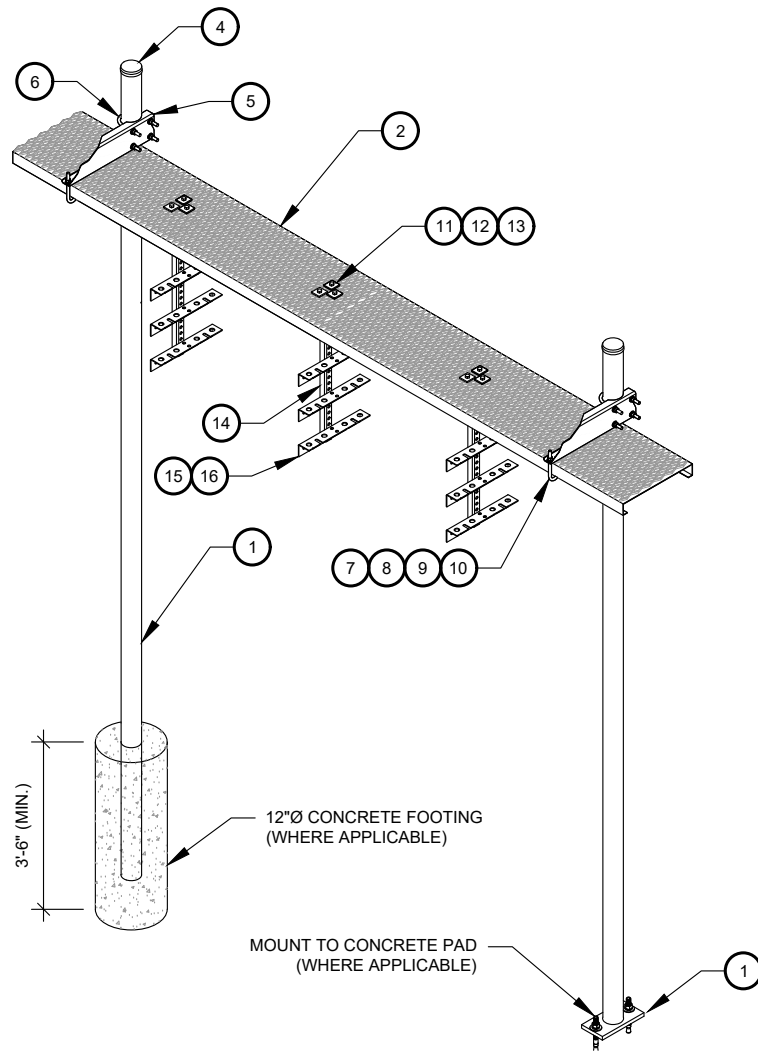


3 PROPOSED TOWER ELEVATION
 SCALE: NOT TO SCALE

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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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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

CONSTRUCTION
DETAILS

SHEET NUMBER:	REVISION:
C-501	A

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:
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)

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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CO**

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

SEAL:

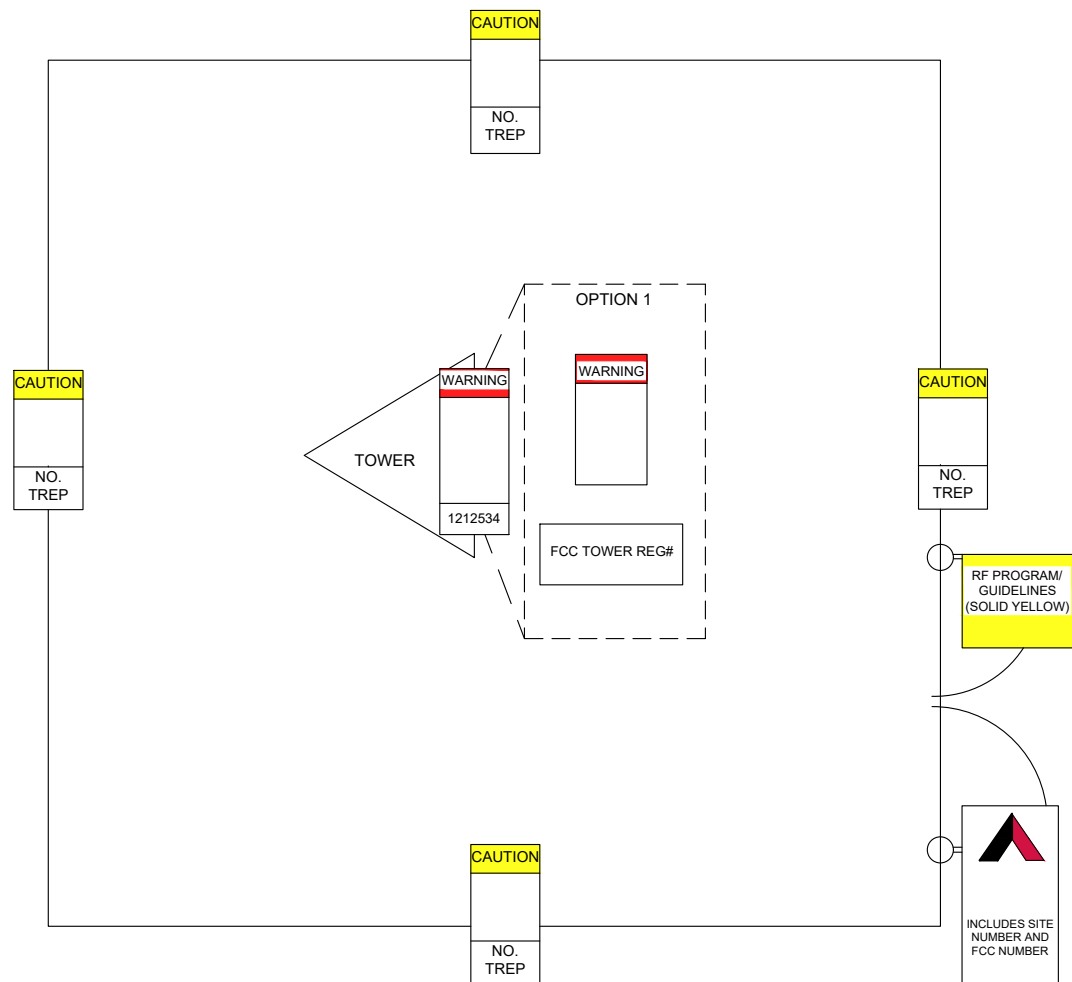
**PRELIMINARY:
NOT FOR
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DATE DRAWN:	10/18/22
ATC JOB NO:	14141546_D4
OPS JOB NO:	13734361
ATC LEGACY #:	419522

SIGNAGE

SHEET NUMBER: C-502	REVISION: A
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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

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

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

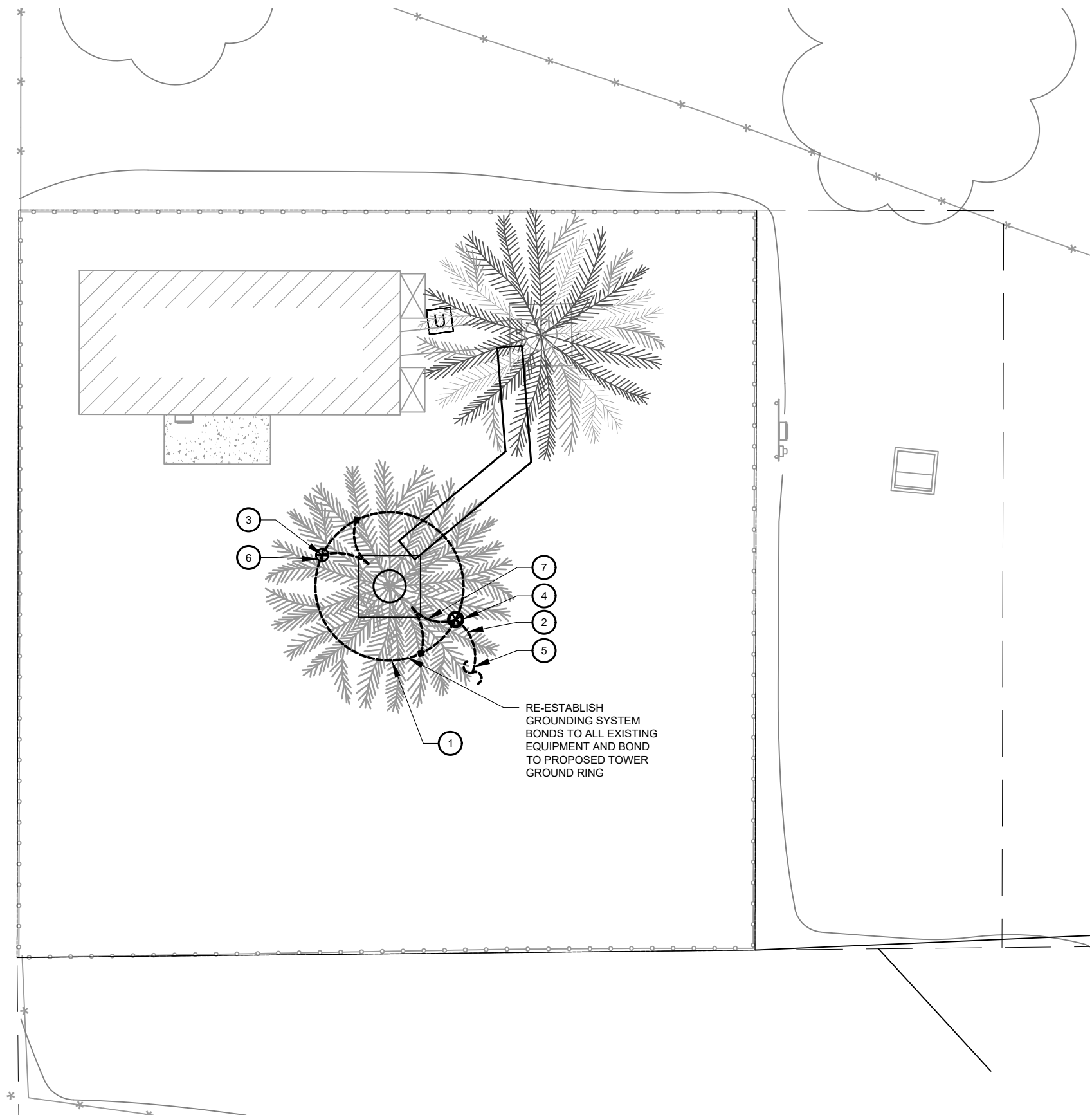
ATC SITE SIGN

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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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:

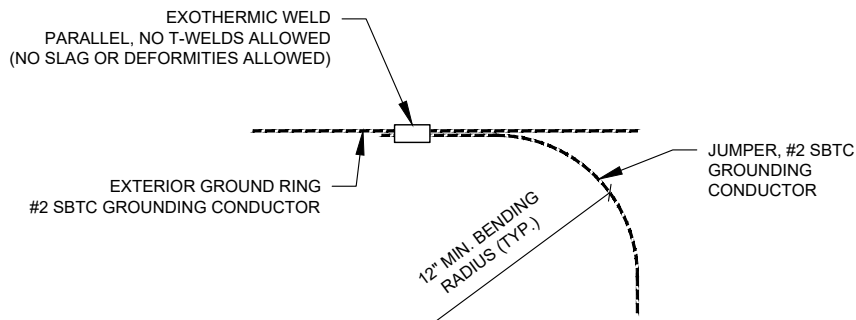
PRELIMINARY:
NOT FOR
CONSTRUCTION

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

GROUNDING LAYOUT

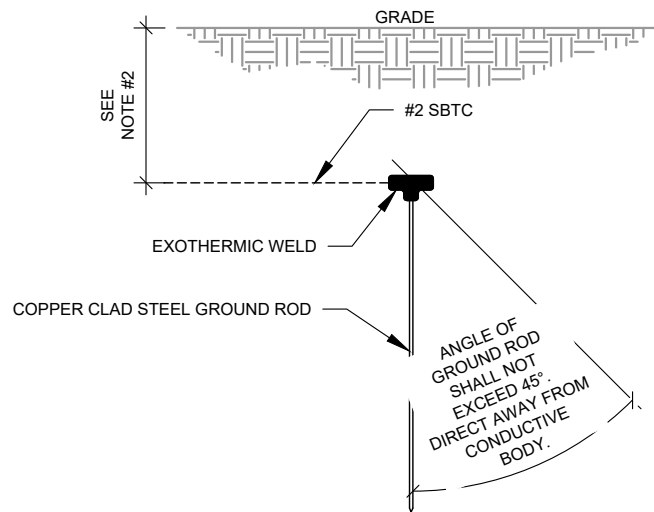
SHEET NUMBER: E-401	REVISION: A
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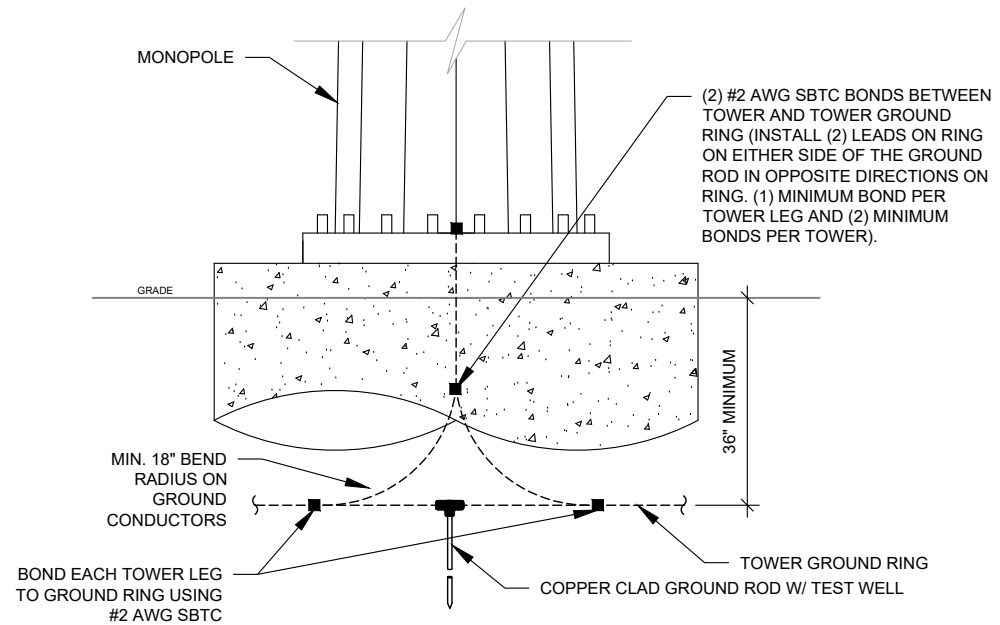


1 TIE CONNECTION DETAIL
SCALE: N.T.S.

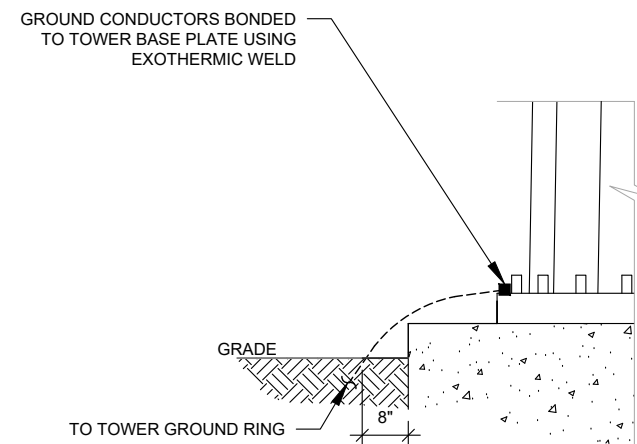
- NOTES:**
1. LOCATE BEFORE DIGGING.
 2. ALL RING AND RADIAL DEPTHS AT 30" OR 6" BELOW FROST LINE, WHICHEVER IS GREATER.
 3. WELD GROUND TO FENCE AS LOW AS POSSIBLE TO DETER COPPER THEFT



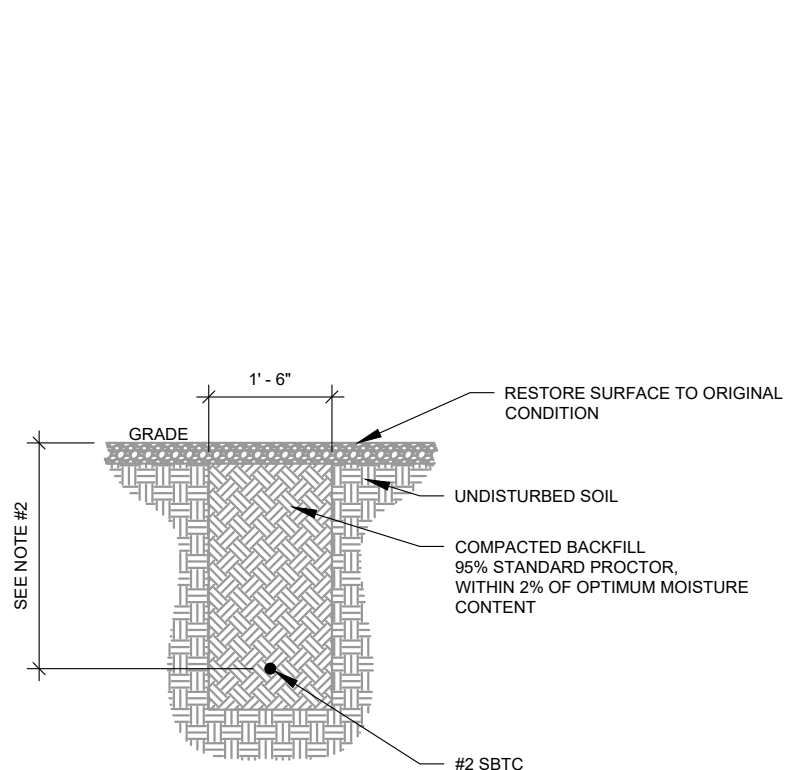
2 GROUND ROD DETAIL
SCALE: N.T.S.



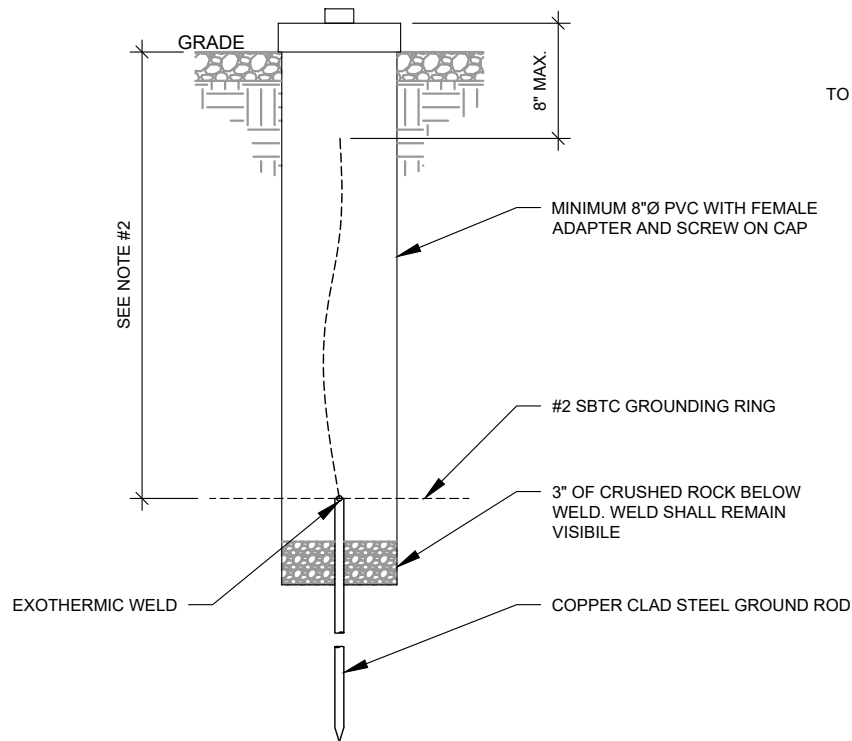
3 TOWER GROUNDING (FRONT)
SCALE: N.T.S.



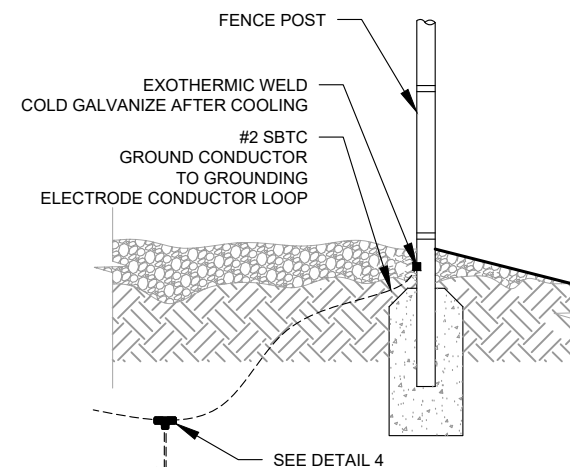
6 TOWER GROUNDING (SIDE)
SCALE: N.T.S.



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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OPS JOB NO:	13734361
ATC LEGACY #:	419522

ELECTRICAL DETAILS

SHEET NUMBER:
E-501
 REVISION:
A