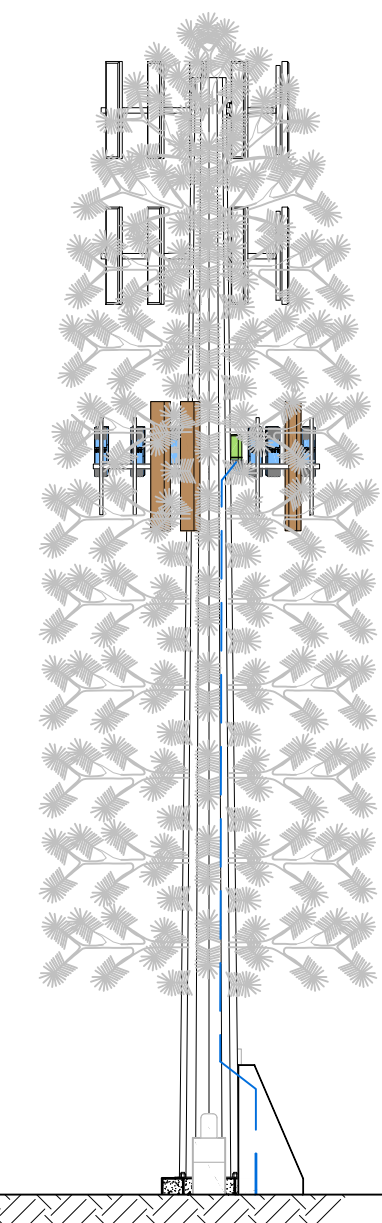
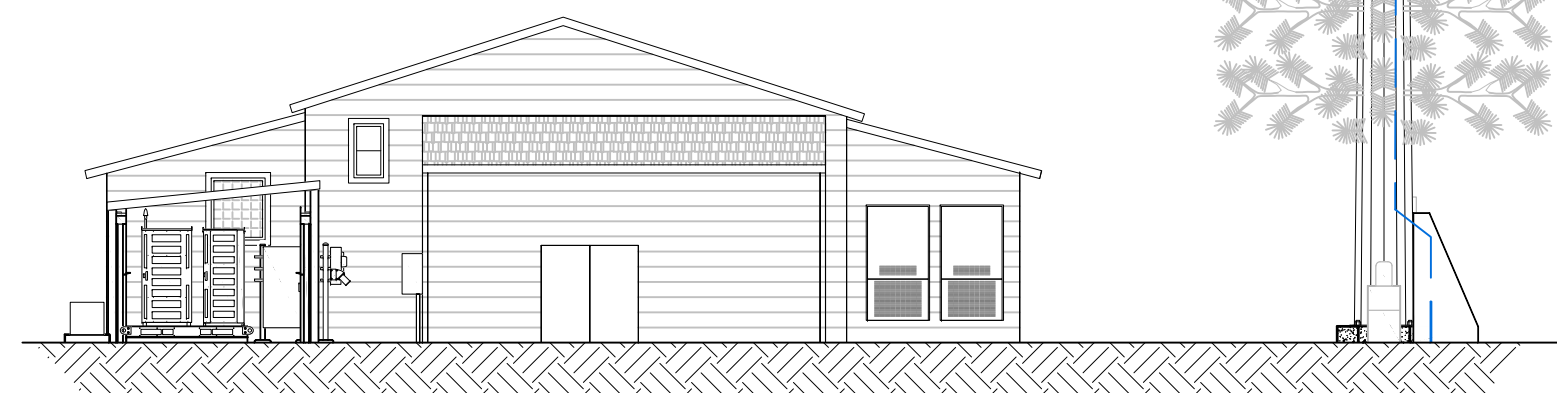


EXISTING
WALL HATCH
NEW WORK/
UTILITY EASEMENT
ACCESS/UTILITY
EASEMENT
HYBRID CABLES/CAX
DC POWER
FIBER
ANTENNAS
RRR/HBU
LEASE AREA
EXISTING
EASEMENT
PENETRATIONS



CSP SCAREBROOK
PROJECT NO. 20171683945
PUBLIC RECORD PARCEL NO. 6118009003
CROWN CASTLE SITE ID: 823520

CROWN CASTLE SITE NAME: CS GOODMAN AND SONS

**17993 SIERRA WAY
MONUMENT, COLORADO 80132
EL PASO COUNTY**

**EXISTING 69'-0" MONOPINE
(OVERALL HEIGHT: 73'-0" A.G.L.)
COLLOCATION COMMUNICATION SITE**

BUILDING CODE SUMMARY:
ALL CONSTRUCTION SHALL CONFORM TO THE FOLLOWING APPLICABLE CODES:

USED	Code Year / Type: (ORDINANCE)
X	2015 INTERNATIONAL BUILDING CODE (IBC)
X	2015 UNIFORM PLUMBING CODE (W/O CHAP. 13) (UPC)
X	2015 INTERNATIONAL FUEL GAS CODE (IFGC)
X	2015 INTERNATIONAL RESIDENTIAL CODE (IRC)
X	2015 INTERNATIONAL MECHANICAL CODE
X	2015 INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
X	2015 INTERNATIONAL FIRE CODE (IFC)
X	2017 NATIONAL ELECTRICAL CODE (NEC)

REFER TO BUILDING PERMIT DOCUMENTS AND ALL CONSTRUCTION DOCUMENTS FOR ADDITIONAL CODE REQUIREMENTS.

Approved
By: Len Kendall
Date: 12/18/2018
El Paso County Planning & Community Development

PRELIMINARY
NOT FOR CONSTRUCTION

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SP1	SPECIFICATION & PHOTO SHEET	A
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PROJECT INDEX:

APPLICANT/CLIENT:	ENGINEERS/DESIGNERS:	CONTACT:
VERIZON CONSTRUCTION DEPARTMENT 3131 VAUGHN WAY, SUITE 550 AURORA, COLORADO 80014	J5 INFRASTRUCTURE PARTNERS 1745 SHEA CENTER DR. 4TH FLOOR HIGHLANDS RANCH, CO 80129	AARON ZAJICEK PHONE: 303-683-3194 EXT. 154 FAX: 303-873-2684
	J5 INFRASTRUCTURE PARTNERS 1745 SHEA CENTER DR. 4TH FLOOR HIGHLANDS RANCH, COLORADO 80129	LANCE BLEYHL PHONE: 720-201-7385

GENERAL PROJECT NOTES:

- PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL FAMILIARIZE HIMSELF/HERSELF WITH THE SCOPE OF WORK AND ALL CONDITIONS AFFECTING THE PROPOSED PROJECT.
- CONTRACTOR SHALL VERIFY ALL FIELD CONDITIONS AND DIMENSIONS OF THE JOB SITE AND CONFIRM THAT WORK AS INDICATED ON THESE CONSTRUCTION DOCUMENTS CAN BE ACCOMPLISHED AS SHOWN PRIOR TO COMMENCEMENT OF ANY WORK.
- ALL FIELD MODIFICATIONS BEFORE, DURING, OR AFTER CONSTRUCTION SHALL BE APPROVED IN WRITING BY A VERIZON REPRESENTATIVE.
- INSTALL ALL EQUIPMENT AND MATERIALS PER THE MANUFACTURER'S RECOMMENDATIONS, UNLESS INDICATED OTHERWISE.
- NOTIFY VERIZON, IN WRITING, OF ANY MAJOR DISCREPANCIES REGARDING THE CONTRACT DOCUMENTS, EXISTING CONDITIONS, AND DESIGN INTENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING CLARIFICATIONS FROM A VERIZON REPRESENTATIVE AND ADJUSTING THE BID ACCORDINGLY.
- CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF THE WORK UNDER THE CONTRACT.
- CONTRACTOR SHALL PROTECT ALL EXISTING IMPROVEMENTS AND FINISHES THAT ARE TO REMAIN. CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY OCCUR DURING THE CONSTRUCTION TO THE SATISFACTION OF A VERIZON REPRESENTATIVE.
- THE CONTRACTOR IS RESPONSIBLE FOR RED-LINING THE CONSTRUCTION PLANS TO ILLUSTRATE THE AS-BUILT CONDITION OF THE SITE. FOLLOWING THE FINAL INSPECTION BY VERIZON, THE CONTRACTOR SHALL PROVIDE VERIZON WITH ONE COPY OF ALL RED-LINED DRAWINGS.
- VERIFY ALL FINAL EQUIPMENT WITH A VERIZON REPRESENTATIVE. ALL EQUIPMENT LAYOUT, SPECS, PERFORMANCE INSTALLATION AND THEIR FINAL LOCATION ARE TO BE APPROVED BY VERIZON. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING HIS/HER WORK WITH THE WORK AND CLEARANCES REQUIRED BY OTHERS RELATED TO SAID INSTALLATIONS.

PROJECT INFORMATION:

OWNER:	ROBERT & KIMBERLY BOILEAU 17993 SIERRA WAY MONUMENT, COLORADO 80132
TOWER OWNER:	CROWN CASTLE 116 INVERNESS DRIVE EAST, STE 280 ENGLEWOOD, COLORADO 80112
JURISDICTION:	EL PASO COUNTY 200 SOUTH CASCADE AVE, SUITE 100 COLORADO SPRINGS, COLORADO 80903
PUBLIC RECORD PARCEL NO.:	ZONING DEPARTMENT CONTACT: LEN KENDELL PHONE: 719-520-6447 6118009003

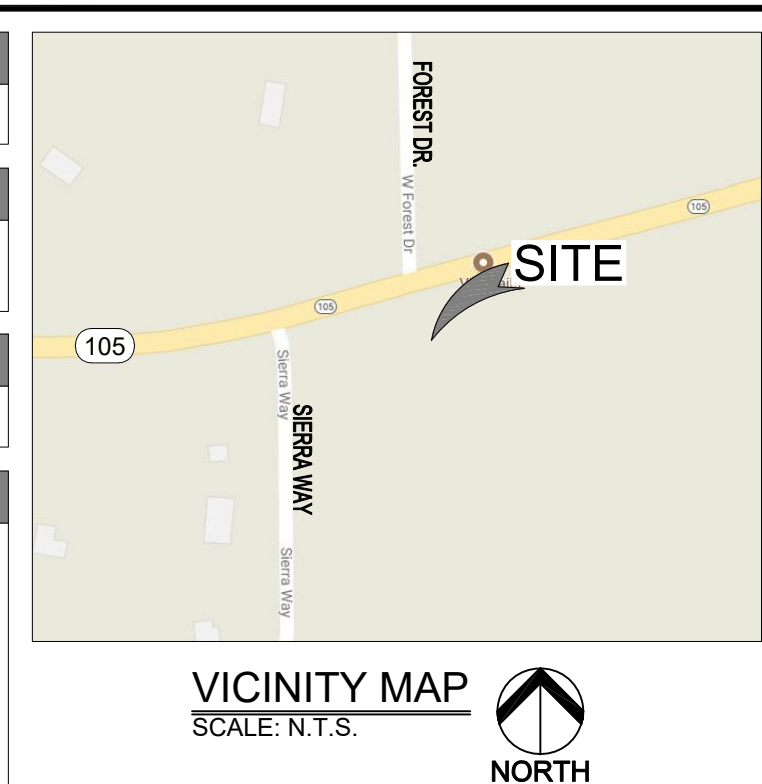
FCC COMPLIANCE:
RADIATION FROM THIS FACILITY WILL NOT INTERFERE WITH OPERATION OF OTHER COMMUNICATION DEVICES.

ADA COMPLIANCE:
THIS FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. LANDINGS AND EXITS SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES.

ABBREVIATED LEGAL DESCRIPTION:
TRACT 78, ARROWWOOD SUBDIVISION NO. 2, EL PASO COUNTY, COLORADO

PROJECT DESCRIPTION:
THIS PROJECT CONSISTS OF THE FOLLOWING:
INSTALLATION

- NEW GALVANIZED DOGHOUSE
- THREE (3) NEW 4" PVC CONDUIT PIPES
- THREE (3) NEW SECTOR FRAMES
- ONE (1) NEW COMMSCOPE RBA72-36 CABINET MOUNTED ON GALVANIZED COMMSCOPE PLATFORM
- ONE (1) NEW COMMSCOPE RBA72-30 CABINET MOUNTED ON GALVANIZED COMMSCOPE PLATFORM
- ONE (1) NEW MANUFACTURED GALVANIZED PLINTH FOR EQUIPMENT CABINETS MOUNTED TO CONCRETE PAD
- TWO (2) NEW MAIN OVP UNITS
- TWELVE (12) NEW RRH UNITS
- TWO (2) NEW LOW INDUCTANCE HYBRID CABLES
- NEW 'Trex' FENCE ENCLOSURE WITH 'Trex' GATE
- SIX (6) NEW PANEL ANTENNAS



DRIVING DIRECTIONS:
FROM THE VERIZON OFFICE LOCATED AT 3131 SOUTH VAUGHN WAY, AURORA, CO: HEAD SOUTHWEST ON S VAUGHN WAY, MERGE ONTO CO-83/S PARKER RD VIA THE RAMP ON THE LEFT MERGE ONTO I-225 S, EXIT 1A AND TAKE RAMP LEFT FOR I-25 S. FOR 39.8 MILES, EXIT 161 AND TAKE RAMP RIGHT FOR CO-105 FOR 0.5 MILES, TURN RIGHT ONTO CO-105 FOR 2.5 MILES, TURN RIGHT ONTO SIERRA WAY FOR 33 FT. SITE LOCATED EAST OF SIERRA WAY.

DESIGNED FOR:

3131 SOUTH VAUGHN WAY, SUITE 550
AURORA, COLORADO 80014

DESIGNED BY:

AZ - CA - CO - ID - NM - NV - TX - UT

PROJECT NAME: **CSP SCAREBROOK**
EXISTING 69'-0" MONOPINE
(OVERALL HEIGHT: 73'-0" A.G.L.)
COLLOCATION COMMUNICATION SITE

PROJECT ADDRESS: **17993 SIERRA WAY**
MONUMENT, COLORADO 80132
EL PASO COUNTY

SHEET TITLE: **TITLE SHEET**

REV.	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - NOT FOR CONSTRUCTION	10/30/18	DC	-

SAVE DATE: 10/30/2018 9:56 AM
SHEET NUMBER: T1

EXISTING
WALL HATCH
NEW WORK/
UTILITY EASEMENT
ACCESS/UTILITY
EASEMENT
HYDRO CABLE/CAN
DC POWER
FIBER
ANTENNAS
RR/HBBU
LEASE AREA
EXISTING
EASEMENT
PENETRATIONS

TABLE 1705.3 REQUIRED SPECIAL INSPECTION AND TESTS OF CONCRETE CONSTRUCTION					
REQ'D	TYPE	CONTINUOUS SPECIAL INSPECTION	PERIODIC SPECIAL INSPECTION	REFERENCED STANDARD	IBC REFERENCE
X	1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	-	✓	ACI 318: Ch. 20, 25.2, 25.3, 26.6.1-26.6.3	1908.4
	2. REINFORCING BAR WELDING: a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706 b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16" AND c. INSPECT ALL OTHER WELDS.	✓	✓	AWS D1.4 ACI 318: 26.6.4	-
	3. INSPECT ANCHORS CAST IN CONCRETE	-	✓	ACI 318: 17.8.2	-
	4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. a. ADHESIVE ANCHORS INSTALLED IN HORIZONTAL OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS. b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.a.	✓	✓	ACI 318: 17.8.2.4 ACI 318: 17.8.2	-
	5. VERIFY USE OF REQUIRED DESIGN MIX.	-	✓	ACI 318: Ch. 19, 26.4.3, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
	6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	✓	-	ASTM C172 ASTM C31 ACI 318: 26.4, 26.12	1908.10
	7. INSPECT CONCRETE AND SHORCRETE PLACEMENT TO PROPER APPLICATION TECHNIQUES.	✓	-	ACI 318: 26.5	1908.6, 1908.7, 1908.8
	8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	-	✓	ACI 318: 26.5.3-26.5.5	1908.9
	9. INSPECT PRESTRESSED CONCRETE FOR: a. APPLICATION OF PRESTRESSING FORCES, AND b. GROUTING OF BONDED PRESTRESSING TENDONS.	✓	-	ACI 318: 26.10	-
	10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	-	✓	ACI 318: Ch. 26.8	-
	11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	-	✓	ACI 318: Ch. 26.11.2	-
	12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSION OF THE CONCRETE MEMBER BEING FORMED.	-	✓	ACI 318: Ch. 26.11.2(b)	-

TABLE N5.6-1 INSPECTION TASKS PRIOR BOLTING				
REQ'D	INSPECTION TASKS PRIOR TO BOLTING	OBSERVE ON A RANDOM BASIS	PERFORM FOR EACH BOLTED CONNECTION	APPLICABLE RCSC SPECIFICATION REFERENCES*
X	MANUFACTURERS CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS.	✓	-	2.1, 9.1 FIGURE C-2.1, 9.1 (ALSO SEE ASTM STANDARDS)
	PROPER FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS TO BE EXCLUDED FROM SHEAR PLATE)	✓	-	2.3.2, 2.7.2, 9.1
	PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL CONNECTION ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS.	✓	-	4, 8
	PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED.	-	✓	7, 9.2
	PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND FASTENER COMPONENTS. *RCSC (2009)	✓	-	2.2, 8, 9.1

TABLE N5.6-2 INSPECTION TASKS DURING BOLTING				
REQ'D	INSPECTION TASKS DURING TO BOLTING	OBSERVE ON A RANDOM BASIS	PERFORM FOR EACH BOLTED CONNECTION	APPLICABLE RCSC SPECIFICATION REFERENCES*
X	FASTENER ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED.	✓	-	8.1, 9.1
	JOINT BROUGHT TO THE SNUG TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION.	✓	-	8.1, 9.1
	FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING.	✓	-	8.2, 9.2
	FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH A METHOD APPROVED BY RCSC AND PROGRESSING SYSTEMATICALLY FROM MOST RIGID POINT TOWARD FREE EDGES. *RCSC (2009)	✓	-	8.2, 9.2

TABLE N5.6-3 INSPECTION TASKS AFTER BOLTING				
REQ'D	INSPECTION TASKS AFTER BOLTING	OBSERVE ON A RANDOM BASIS	PERFORM FOR EACH BOLTED CONNECTION	APPLICABLE RCSC SPECIFICATION REFERENCES*
X	DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS. *RCSC (2009)	-	✓	NOT ADDRESSED BY RCSC

TABLE N5.4-1 INSPECTION TASKS PRIOR TO WELDING				
REQ'D	INSPECTION TASKS PRIOR TO WELDING	OBSERVE ON A RANDOM BASIS	PERFORM FOR EACH WELDED JOINT OR MEMBER	AWS D1.1/D1.1M REFERENCES*
X	WELDING PROCEDURE SPECIFICATIONS (WPSs) AVAILABLE	-	✓	6.3
	MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	-	✓	6.2
	MATERIAL IDENTIFICATION (TYPE/GRADE)	✓	-	6.2 6.4
	WELDER IDENTIFICATION SYSTEM	✓	-	(WELDER QUALIFICATION) (IDENTIFICATION SYSTEM NOT REQUIRED BY AWS D1.1/D1.1M)
	FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY) JOINT PREPARATION DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) CLEANLINESS (CONDITION OF STEEL SURFACES) TACKING (TACK WELD QUALITY AND LOCATION) BACKING TYPE AND FIT (IF APPLICABLE)	✓	-	6.5.2 5.22 5.15 5.18 5.10, 5.22.1.1
	CONFIGURATION AND FINISH OF ACCESS HOLES	✓	-	6.5.2, 5.17 (ALSO SEE SECTION J1.6)
	FIT-UP OF FILLET WELDS DIMENSIONS (ALIGNMENT, GAPS AT ROOT) CLEANLINESS (CONDITION OF STEEL SURFACES) TACKING (TACK WELD QUALITY AND LOCATION)	✓	-	5.22.1 5.15 5.18
	CHECK WELDING EQUIPMENT	✓	-	6.2, 5.11

TABLE N5.4-2 INSPECTION TASKS DURING WELDING				
REQ'D	INSPECTION TASKS DURING WELDING	OBSERVE ON A RANDOM BASIS	PERFORM FOR EACH WELDED JOINT OR MEMBER	AWS D1.1/D1.1M REFERENCES*
X	USE OF QUALIFIED WELDERS	✓	-	6.4
	CONTROL AND HANDLING OF WELDING CONSUMABLES PACKAGING EXPOSURE CONTROL	✓	-	6.2 5.3.1 5.3.2 (FOR SMAW), 5.3.3 (FOR SAW)
	NO WELDING OVER CRACKED TACK WELDS	✓	-	5.18
	ENVIRONMENTAL CONDITIONS WIND SPEED WITHIN LIMITS PRECIPITATION AND TEMPERATURE	✓	-	5.12.1 5.12.2
	WPS FOLLOWED SETTINGS ON WELDING EQUIPMENT TRAVEL SPEED SELECTED WELDING MATERIALS SHIELDING GAS TYPE/FLOW RATE PREHEAT APPLIED INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.) PROPER POSITION (F, V, H, OH)	✓	-	6.3.3, 6.5.2, 5.5, 5.2.1 5.6, 5.7
	WELDING TECHNIQUES INTERPASS AND FINAL CLEANING EACH PASS WITHIN PROFILE LIMITATIONS EACH PASS MEETS QUALITY REQUIREMENTS	✓	-	6.5.2, 6.5.3, 5.24, 5.30.1

TABLE N5.4-3 INSPECTION TASKS AFTER WELDING				
REQ'D	INSPECTION TASKS AFTER WELDING	OBSERVE ON A RANDOM BASIS	PERFORM FOR EACH WELDED JOINT OR MEMBER	AWS D1.1/D1.1M REFERENCES*
X	WELDS CLEANED	✓	-	5.30.1
	SIZE AND LENGTH AND LOCATION OF WELDS	-	✓	6.5.1
	WELDS MEET VISUAL ACCEPTANCE CRITERIA CRACK PROHIBITION WELD/BASE-METAL FUSION CRATER CROSS SECTION WELD PROFILES WELD SIZE UNDERCUT POROSITY	-	✓	6.5.3 TABLE 6.1(1) TABLE 6.1(2) TABLE 6.1(3) TABLE 6.1(4), 5.24 TABLE 6.1(6) TABLE 6.1(7) TABLE 6.1(8)
	ARC STRIKES	-	✓	5.29
	k-AREA*	-	✓	NOT ADDRESSED IN AWS
	BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	-	✓	5.10, 5.31
	REPAIR ACTIVITIES	-	✓	6.5.3, 5.26
	DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	-	✓	6.5.4, 6.5.5

SPECIAL INSPECTION COORDINATION:

- IF STEEL FABRICATOR IS STATE APPROVED, STEEL SPECIAL INSPECTIONS ARE NOT REQUIRED.
- ALL SPECIAL INSPECTIONS MUST BE PERFORMED BY A QUALIFIED INSPECTOR.
- ALL INSPECTION REPORTS SHALL BE ORGANIZED INTO A CONCISE DOCUMENT AND DELIVERED TO THE ENGINEER OF RECORD FOR APPROVAL.

SPECIAL INSPECTION COORDINATIONS:


- SPECIAL INSPECTIONS APPLICABLE TO CONCRETE CONSTRUCTION ARE ONLY REQUIRED FOR TOWER FOUNDATION. SPECIAL INSPECTION ARE NOT REQUIRED FOR SHELTER FOUNDATIONS OR GENERATOR PAD FOUNDATIONS.
- MARTINEZ ASSOCIATES, INC.
14828 WEST 6TH AVENUE, UNIT 9B
GOLDEN, COLORADO 80401
CONTACT: JERE STRICKLAND, P.E.
PHONE: 303-459-2216

PIER FOUNDATIONS (IBC TABLE 1704.9):				
REQ'D	VERIFICATION & INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD
X	1. OBSERVE DRILLING OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH PIER. 2. VERIFY PLACEMENT LOCATIONS AND PLUMBNESS, CONFIRM PIER DIAMETERS, BELL DIAMETERS (IF APPLICABLE), LENGTHS, EMBEDMENT INTO BEDROCK (IF APPLICABLE) AND ADEQUATE END BEARING STRATA CAPACITY.	✓	-	-

PRELIMINARY
NOT FOR CONSTRUCTION


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DESIGNED FOR:



3131 SOUTH VAUGHN WAY, SUITE 550
AURORA, COLORADO 80014

DESIGNED BY:



AZ - CA - CO - ID - NM - NV - TX - UT

PROJECT NAME: CSP SCAREBROOK
EXISTING 69'-0" MONOPINE
(OVERALL HEIGHT: 73'-0" A.G.L.)
COLLOCATION COMMUNICATION SITE

PROJECT ADDRESS:
17993 SIERRA WAY
MONUMENT, COLORADO 80132
EL PASO COUNTY

SHEET TITLE:
INSPECTION SHEET

REV	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - NOT FOR CONSTRUCTION	10/30/18	DC	-

SAVE DATE: 10/30/2018 9:56 AM SHEET NUMBER: IN1

EXISTING
 WALL HATCH
 NEW WORK/
 UTILITY EASEMENT
 ACCESS/UTILITY
 EASEMENT
 HYBRID COAX
 DC POWER
 FIBER
 ANTENNAS
 RRR/HBBU
 LEASE AREA
 EXISTING
 EASEMENT
 PENETRATIONS

GENERAL PROJECT NOTES:

- CONTRACTOR IS RESPONSIBLE FOR ERECTING TEMPORARY BARRICADES AND/OR FENCING TO PROTECT THE SAFETY OF THE PUBLIC DURING CONSTRUCTION. THE CONTRACTOR SHALL REMOVE ALL TEMPORARY BARRIERS AND REPAIR ALL DAMAGE TO PROPERTY ON THE SITE CAUSED BY THIS CONSTRUCTION. THE COST OF REPAIR IS THE CONTRACTOR'S RESPONSIBILITY.
- ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL MEASUREMENTS AT THE SITE PRIOR TO ORDERING ANY MATERIALS OR CONDUCTING ANY WORK.
- EXCESS SOIL MATERIAL AND DEBRIS CAUSED BY THIS CONSTRUCTION SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER.
- CONTRACTOR SHALL MAKE ADJUSTMENTS TO GRADING ELEVATIONS AS NECESSARY TO ENSURE A SITE FREE OF DRAINAGE PROBLEMS.
- CONTRACTOR SHALL COORDINATE A CONSTRUCTION LAYDOWN AREA WITH THE PROPERTY OWNER. CONSTRUCTION LAYDOWN AREA SHALL BE FENCED-IN WITH TEMPORARY (45 DAY) CONSTRUCTION FENCE. THE TEMPORARY FENCE SHALL BE CONSTRUCTED OF 6' HIGH CHAIN LINK FABRIC AND IS TO BE REMOVED AT THE END OF CONSTRUCTION. LAYDOWN AREA IS TO BE RESTORED TO ITS ORIGINAL CONDITION AFTER FENCE REMOVAL.
- SURVEY INFORMATION SHOWN WAS CREATED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A LEGAL BOUNDARY SURVEY.
- THESE PLANS DO NOT ADDRESS THE SAFETY AND STABILITY OF THE STRUCTURE DURING ASSEMBLY AND ERECTION, WHICH ARE THE RESPONSIBILITY OF THE ERECTOR, BASED ON THE MEANS AND METHODS CHOSEN BY THE ERECTOR.
- NEW EQUIPMENT COMPOUND SHALL BE COVERED W/ 4" CRUSHED ROCK INSTALLED OVER CLIENT-APPROVED WEED BARRIER MATERIAL (IF APPLICABLE). (OR PER BUILT-UP COMPOUND SECTION.)

GENERAL CONTRACTOR NOTES:

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE PROJECT SCOPE OF WORK DEFINED UNDER THE REQUEST FOR PROPOSAL (RFP) FOR THIS PROJECT AND ALL ASSOCIATED ATTACHMENTS AND DOCUMENTS PROVIDED.
 THE RFP AND ALL ASSOCIATED DOCUMENTS SHALL DEFINE THE COMPLETE PROJECT SCOPE OF WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL DOCUMENTS AND IS SOLELY RESPONSIBLE FOR ALL WORK.
 ALL DOCUMENTS INCLUDED WITHIN THE PROJECT REQUEST FOR PROPOSAL ARE REQUIRED FOR THE COMPLETE PROJECT SCOPE OF WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WORK (EQUIPMENT, MATERIAL, INSTALLATION, TESTING, ETC.) INDICATED IN ALL DOCUMENTS. THE RFP, VERIZON NETWORK STANDARDS AND PROJECT ADDENDUMS AND CLARIFICATIONS ARE COMPLEMENTARY TO EACH OTHER. THE FORMAT OF THE SPECIFICATIONS AND DRAWING NUMBERING PER DISCIPLINE IS NOT INTENDED TO IMPLY SEGREGATION OF SUB CONTRACTOR WORK. CONTRACTOR SHALL ASSIGN ALL SUB CONTRACTOR WORK AND VERIZON WILL NOT ACCEPT ANY CHANGE ORDERS FOR INTERNAL CONTRACTOR WORK ASSIGNMENTS.
 CONTRACTOR SHALL BE RESPONSIBLE FOR DISTRIBUTING ALL RFP DOCUMENTS TO THEIR SUB CONTRACTORS. ALL RFP DOCUMENTS ARE REQUIRED TO INDICATE THE PROJECT SCOPE OF WORK. PARTIAL SUB CONTRACTOR DOCUMENT PACKAGES ARE HIGHLY DISCOURAGED.
 IN THE EVENT OF A CONFLICT BETWEEN THE DRAWINGS, SPECIFICATIONS, REFERENCED STANDARDS, VERIZON STANDARDS, OR AGREEMENT TERMS AND CONDITIONS THE ARCHITECT/ENGINEER SHALL BE CONTACTED FOR FORMAL INTERPRETATION OF THE REQUIREMENTS. THE CONTRACTOR SHALL BE DEEMED TO HAVE PROVIDED THE DETAILED AND EXPENSIVE INTERPRETATION. ANY WORK INSTALLED IN CONFLICT WITH THE ARCHITECT/ENGINEER INTERPRETATIONS SHALL BE CORRECTED BY THE CONTRACTOR AT NO EXPENSE TO VERIZON.

ANTENNA, MOUNTS & HARDWARE INSTALLATION NOTES:

- CONTRACTOR TO INSTALL ANTENNAS, MOUNTS AND TOWER HARDWARE PER MANUFACTURER'S RECOMMENDATIONS (OR AS REQUIRED BY THE OWNER/PROVIDER).
- ALL BOLTS SHALL BE TIGHTENED PER AISC REQUIREMENTS (SEE STEEL NOTES).
- ANY GALVANIZED SURFACES THAT ARE DAMAGED BY ABRASIONS, CUTS, DRILLING OR FIELD WELDING DURING SHIPPING OR ERECTION SHALL BE TOUCHED-UP WITH TWO COATS OF COLD GALVANIZING COMPOUND MEETING THE REQUIREMENTS OF ASTM A780.
- ANTENNA MOUNTS SHALL NOT BE USED AS A CLIMBING DEVICE. WORKERS SHALL ALWAYS TIE OFF TO AN APPROVED CLIMBING POINT.
- SEE ALSO GENERAL ANTENNA NOTES ON SHEET RF1 (IF APPLICABLE).

STRUCTURAL DESIGN CRITERIA:

ALL LOADS DERIVED FROM REQUIREMENTS OF INTERNATIONAL BUILDING CODE 2015, ASCE 7-05, "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" & ANSI TIA-222-G "STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS".

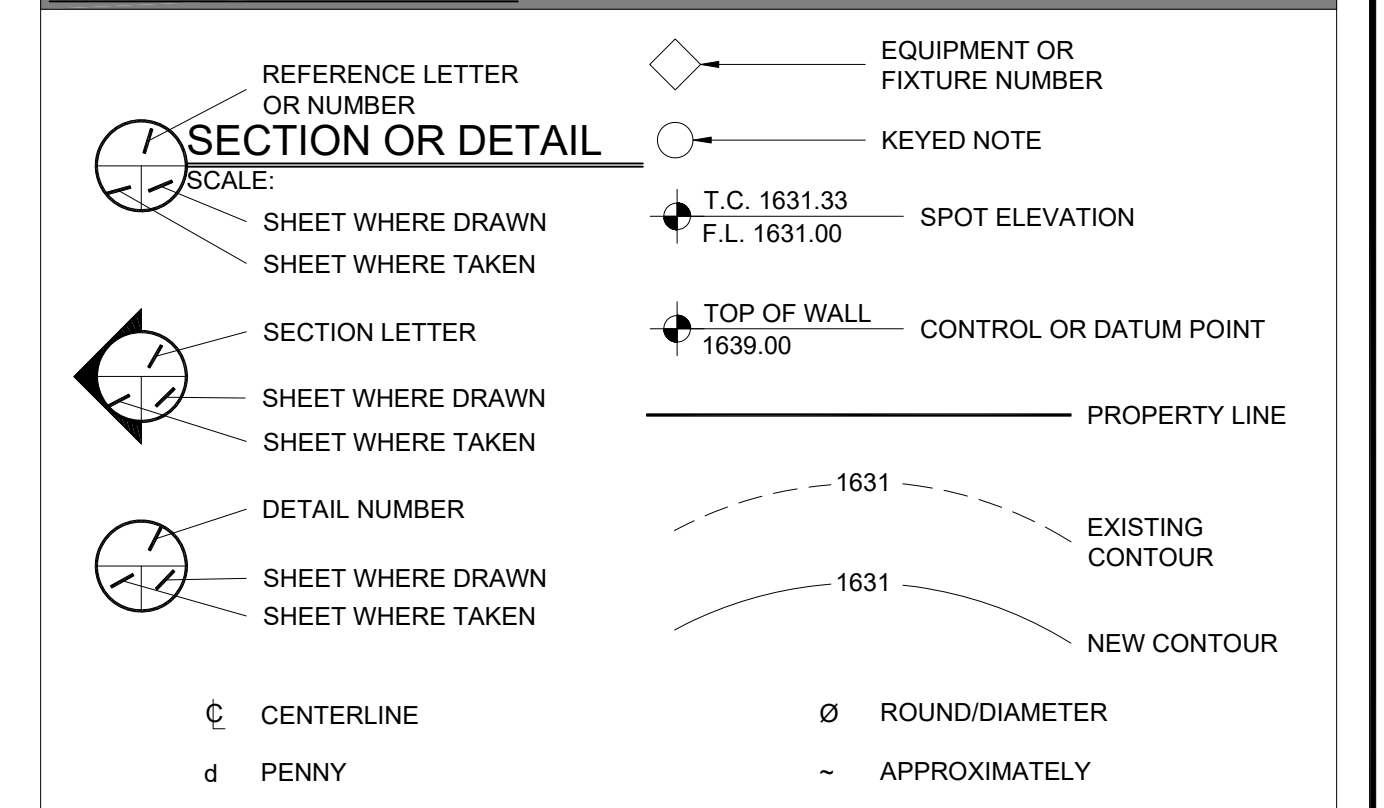
BUILDING STRUCTURES:

- WIND LOADS: IBC 2015 §1609 & ASCE 7-10 §28.4 (SIMPLIFIED METHOD)
 $V = 130$ MPH
 OCCUPANCY CAT. = II; EXPOSURE CAT. = C; IMPORTANCE FACTOR = 1.0
- SEISMIC LOADS: IBC 2015 §1613 & ASCE 7-05 §12.14 (SIMPLIFIED METHOD)
 OCCUPANCY CAT. = II; SITE CLASS = D
 $V = F(S_{DS}W)$
 $R = 1.0$ (SINGLE-STORY), 1.1 (TWO STORY), 1.2 (THREE STORY)
 $R = 1.5$ (ORDINARY PLAIN CONCRETE SHEARWALLS),
 6.5 (LIGHT-FRAMED WALLS W/ WOOD STRUCTURAL PANELS),
 4.0 (ORDINARY REINFORCED CONCRETE SHEARWALLS)

COMMUNICATIONS STRUCTURES:

- WIND LOADS: IBC 2015 §1609, ASCE 7-10 §29.5 & ANSI TIA-222-G
 $V = 130$ MPH (3-SEC. GUST)
 $V = 50$ MPH (0" RADIAL ICE)
 STRUCTURE CLASS. = II; EXPOSURE CAT. = C; IMPORTANCE FACTOR = 1.0
- SEISMIC LOADS: IBC 2015 §1613, ASCE 7-10 §15.6.6 & ANSI TIA-222-G
STRUCT. CLASS. = II; OCC. CAT. = II; SITE CLASS = D; IMPORTANCE FACTOR = 1.0
 $V = S_{DS}(W)$ (EQUIVALENT LATERAL FORCE PROCEDURE (METHOD 1))
 R
 $V = S_{Saz}(Wz)$ (EQUIVALENT MODAL ANALYSIS PROCEDURE (METHOD 2))
 R

LEGEND OF SYMBOLS:



PROPOSED WORK COLOR LEGEND

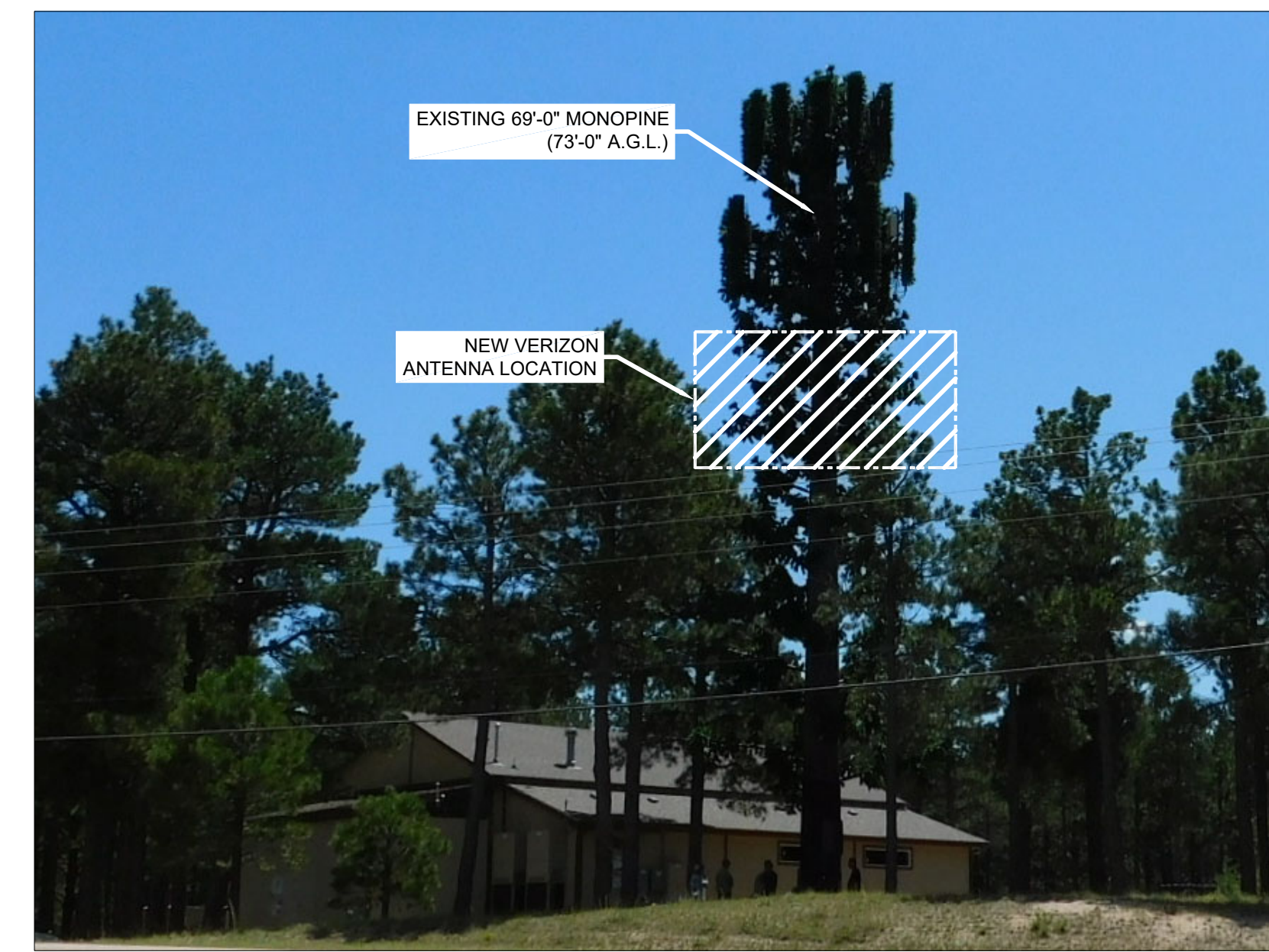
HYBRID & COAX CABLES	
DC POWER	
FIBER	
ANTENNAS	
PENETRATIONS	
RRR/HBBU	
EXISTING EASEMENT	
LEASE AREA	
ACCESS/UTILITY EASEMENT	
NEW WORK/UTILITY EASEMENT	
WALL HATCH	
EXISTING	



VIEW OF NEW LEASE AREA
(LOOKING NORTHEAST)



VIEW OF NEW LEASE AREA
(LOOKING NORTH)



VIEW OF NEW ANTENNA LOCATION
(LOOKING SOUTHEAST)

THESE DRAWINGS AND SURVEYS ARE COPYRIGHT PROTECTED AND THE SOLE PROPERTY OF J5 INFRASTRUCTURE PARTNERS, LLC AND PRODUCED FOR THE USE OF OUR CLIENT. ANY REPRODUCTION OR USE OF THE INFORMATION CONTAINED WITHIN SAID DOCUMENTS IS PROHIBITED WITHOUT THE WRITTEN CONSENT OF J5 INFRASTRUCTURE PARTNERS.

DESIGNED FOR:
verizon
 3131 SOUTH VAUGHN WAY, SUITE 550
 AURORA, COLORADO 80014

DESIGNED BY:
J5 INFRASTRUCTURE PARTNERS
 AZ - CA - CO - ID - NM - NV - TX - UT

PROJECT NAME:
 CSP SCAREBROOK
 EXISTING 69'-0" MONOPINE
 (OVERALL HEIGHT: 73'-0" A.G.L.)
 COLLOCATION COMMUNICATION SITE

PROJECT ADDRESS:
 17993 SIERRA WAY
 MONUMENT, COLORADO 80132
 EL PASO COUNTY

SHEET TITLE:
 SPECIFICATION & PHOTO SHEET

REV	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - NOT FOR CONSTRUCTION	10/30/18	DC	-

SAVE DATE: 10/30/2018 9:56 AM
 SHEET NUMBER: SP1

PARCEL OWNERSHIP

OWNER: ROBERT J BOILEAU III
 KIMBERLY L BOILEAU
 PARCEL NO. 6118009003

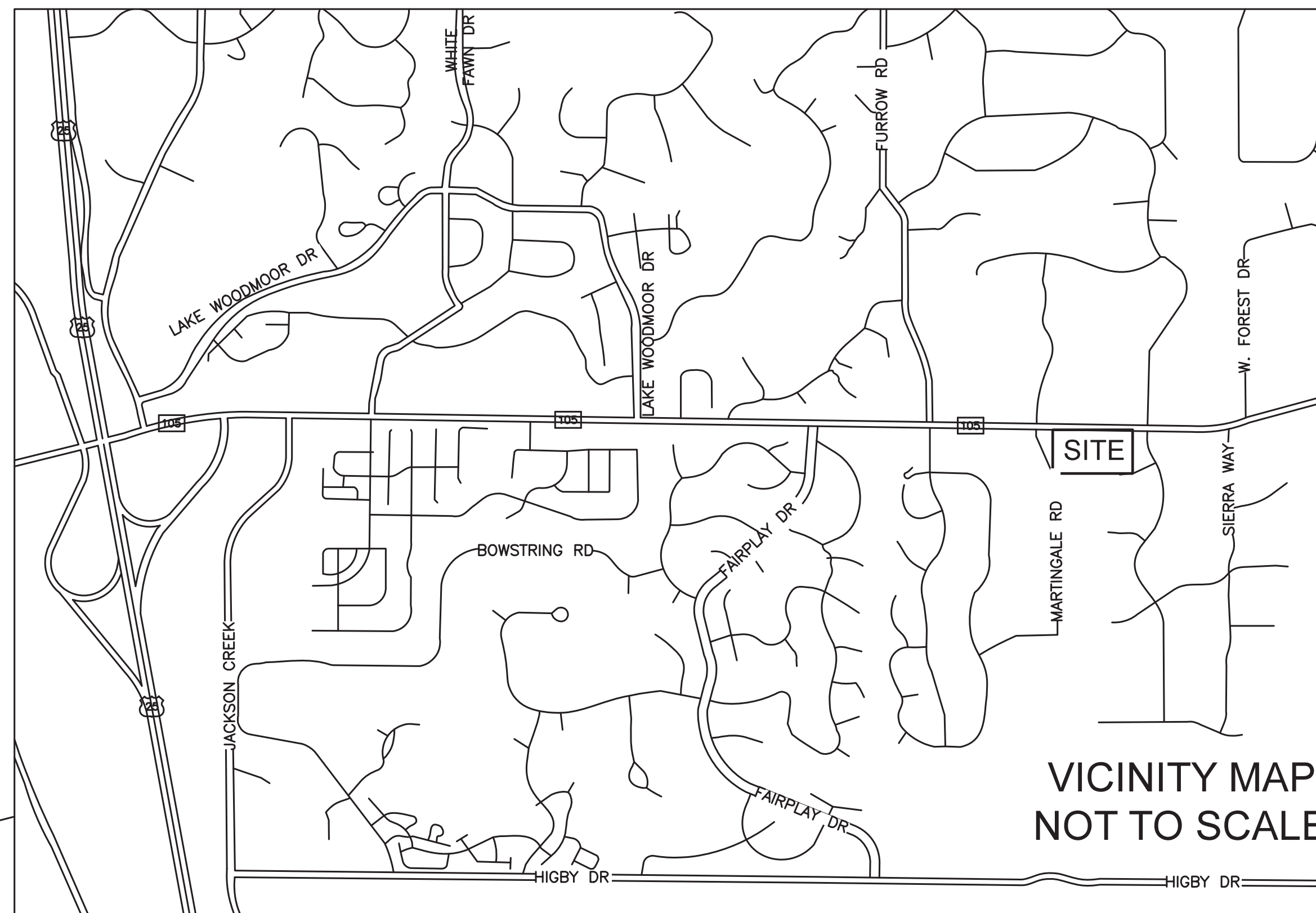
ZONING DESIGNATION

PER EL PASO COUNTY WEBSITE PARENT PARCEL IS ZONED AS RR-2.5 "RESIDENTIAL RURAL"

FEMA FLOOD ZONE

PER FEMA F.I.R.M MAP PARENT PARCEL IS ZONED AS ZONE "X", FLOOD MAP NUMBER 08041C0279F, DATED 03/17/1997

AREA TABLE	SQUARE FEET	ACRE
Ⓐ PARENT PARCEL	±1,214,177	±27.874
Ⓑ TOWER EASEMENT	±100	±0.002
Ⓒ LEASE AREA #1	±335	±0.008
Ⓓ LEASE AREA #2	±350	±0.008
Ⓔ 5' UTILITY EASEMENT	±446	±0.010
Ⓕ ACCESS EASEMENT	±5893	±0.135



STATE HIGHWAY 105
 PUBLIC/PAVED - R.O.W VARIES

FOUND CDOT R.O.W
 MARKER 3.25"
 ALUM. CAP 515

EXISTING
 TOWER

N75°37'40"E 485.28'
 (BASIS OF BEARINGS)

20' U.E.
 REC. NO.
 205031926
 5' U.E. (SEE
 SHEET 5)
 LEASE AREA #1
 (SEE SHEET 4)
 LEASE AREA #2
 (SEE SHEET 4)

TOWER ESMT
 (SEE SHEET 4)

ASPHALT
 DRIVE

ACCESS ESMT
 (SEE SHEET 3)

20' U.E.
 REC. NO.
 205031926
 TRACT 78
 ARROWWOOD
 SUBDIVISIONN
 NO. 2

60.0'
 R.O.W

N00°02'30"E

FOUND 1"
 PIPE

10' U.E.
 REC. NO.
 205031926

TRACT 77
 ARROWWOOD SUBDIVISIONN NO. 2

FOUND 1"
 PIPE

SIERRA WAY
 PUBLIC/PAVED - 60' R.O.W

FOUND 0.5"
 PIPE

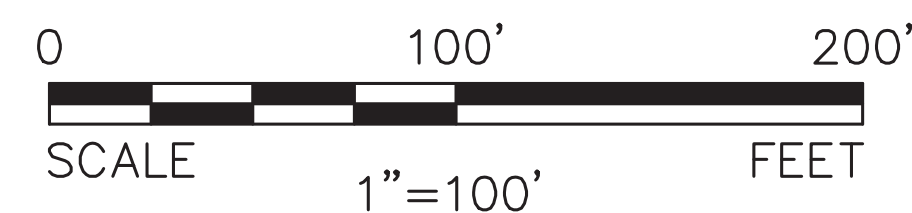
TRACT 79
 ARROWWOOD SUBDIVISIONN NO. 2

10' U.E.
 REC. NO.
 205031926

TRACT 74
 ARROWWOOD SUBDIVISIONN NO. 2

LEGEND

- P.O.B. POINT OF BEGINNING
- P.O.T. POINT OF TERMINUS
- P.O.C. POINT OF COMMENCEMENT
- EASEMENT LINE
- EXISTING EASEMENT



**OVERALL PARENT PARCEL
 SCALE 1" = 100'**

SURVEY

IN SECTION 18,
 TOWNSHIP 11 SOUTH, RANGE 66 WEST

**SITE: CS GOODMAN AND SONS
 BUN: 823520
 ADDRESS: 17997 SIERRA WAY
 MONUMENT, CO 80132
 EL PASO COUNTY**



NATIONAL SURVEY SERVICES COORDINATION BY:



13430 NW 104th Terrace, Suite A, Alachua, FL 32615
 Office: (386) 418-0500 Fax: (386) 462-9986
 WWW.GEOLINEINC.COM

SURVEY WORK PERFORMED BY:



720 W. 84TH AVENUE
 SUITE 240
 THORNTON, COLORADO 80260
 PH. 303-702-1617
 FAX. 303-702-1488
 WWW.POWERSURVEYING.COM

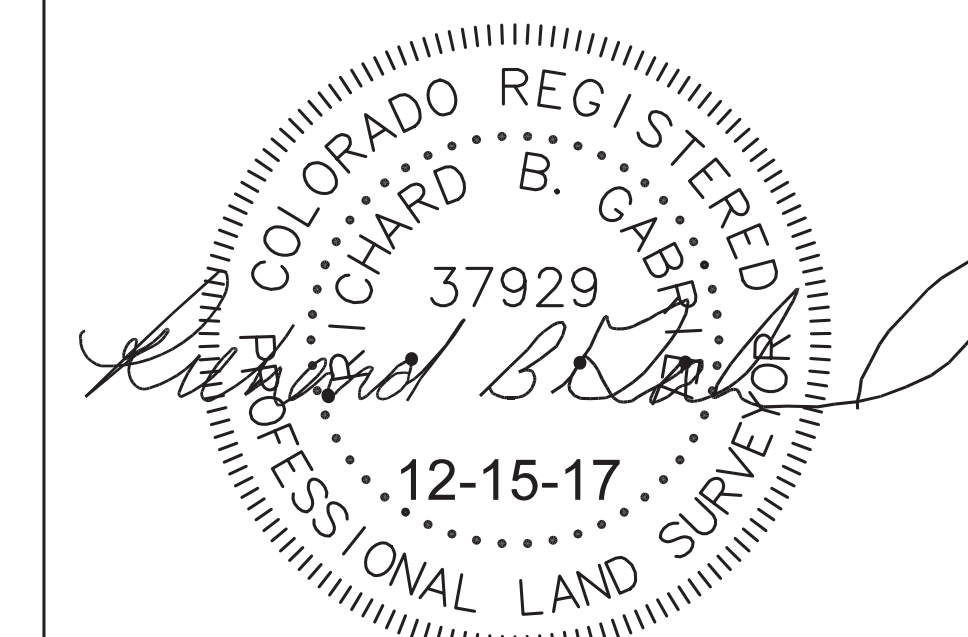
DRAWN BY: JCB CHECKED BY: RBG JOB #: 501-17-268

SURVEYOR'S NOTES

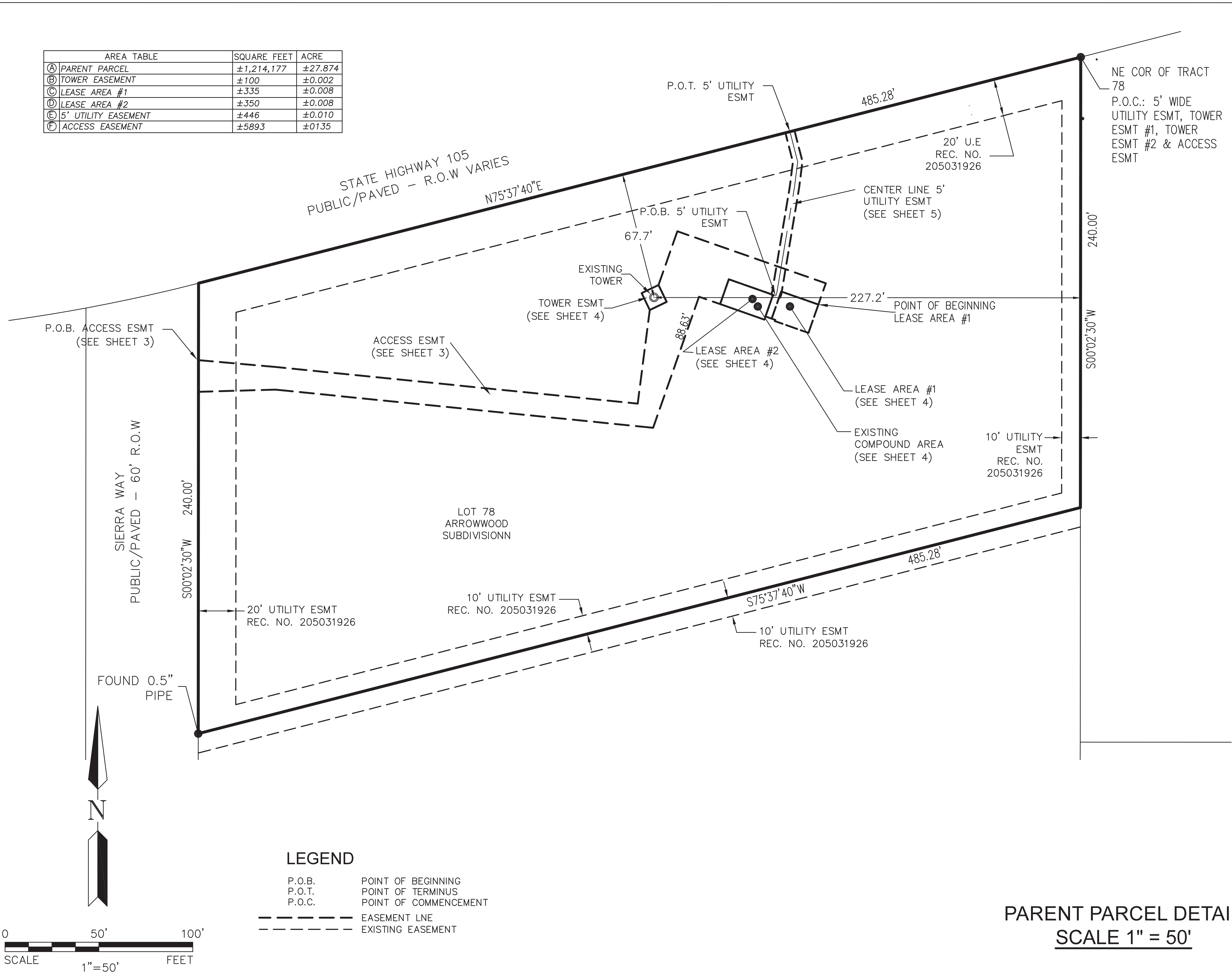
1. BASIS OF BEARINGS: BEARINGS ARE BASED UPON THE NORTH LINE OF TRACT 78 ARROWWOOD SUBDIVISION, SAID LINE IS ASSUMED TO BEAR NORTH 75°37'40" EAST, A DISTANCE OF 485.00 FEET.
2. NO SUBSURFACE INVESTIGATION WAS PERFORMED TO LOCATE UNDERGROUND UTILITIES. UTILITIES SHOWN HEREON ARE LIMITED TO AND ARE PER OBSERVED EVIDENCE ONLY.
3. THIS SURVEY DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARENT PARCEL.
4. THIS SURVEY PLAT WAS PREPARED FOR THE EXCLUSIVE USE OF THE PARTIES AS NAMED IN THE CERTIFICATE AS SHOWN HEREON. SAID CERTIFICATE DOES NOT EXTEND TO ANY UNNAMED ENTITY OR PERSON WITHOUT AN EXPRESS RE-CERTIFICATION BY THE SURVEYOR NAMING SUCH PERSON OR ENTITY.

SURVEYOR'S CERTIFICATION
 I HEREBY CERTIFY TO CROWN CASTLE AND OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY.

POWER SURVEYING CO., INC
 RICHARD B. GABRIEL
 LAND SURVEYOR - COLORADO # 37929
 Date: 12/15/17
 Revision: 10/23/18



AREA TABLE		
	SQUARE FEET	ACRE
(A) PARENT PARCEL	±1,214,177	±27.874
(B) TOWER EASEMENT	±100	±0.002
(C) LEASE AREA #1	±335	±0.008
(D) LEASE AREA #2	±350	±0.008
(E) 5' UTILITY EASEMENT	±446	±0.010
(F) ACCESS EASEMENT	±5893	±0.135



SURVEY
IN SECTION 18,
TOWNSHIP 11 SOUTH, RANGE 66 WEST

SITE: CS GOODMAN AND SONS
BUN: 823520
ADDRESS: 17997 SIERRA WAY
MONUMENT, CO 80132
EL PASO COUNTY



NATIONAL SURVEY SERVICES COORDINATION BY:

GEOLINE
SURVEYING, INC.
13430 NW 104th Terrace, Suite A, Alachua, FL 32615
Office: (386) 418-0500 Fax: (386) 462-9986
WWW.GEOLINEINC.COM

SURVEY WORK PERFORMED BY:

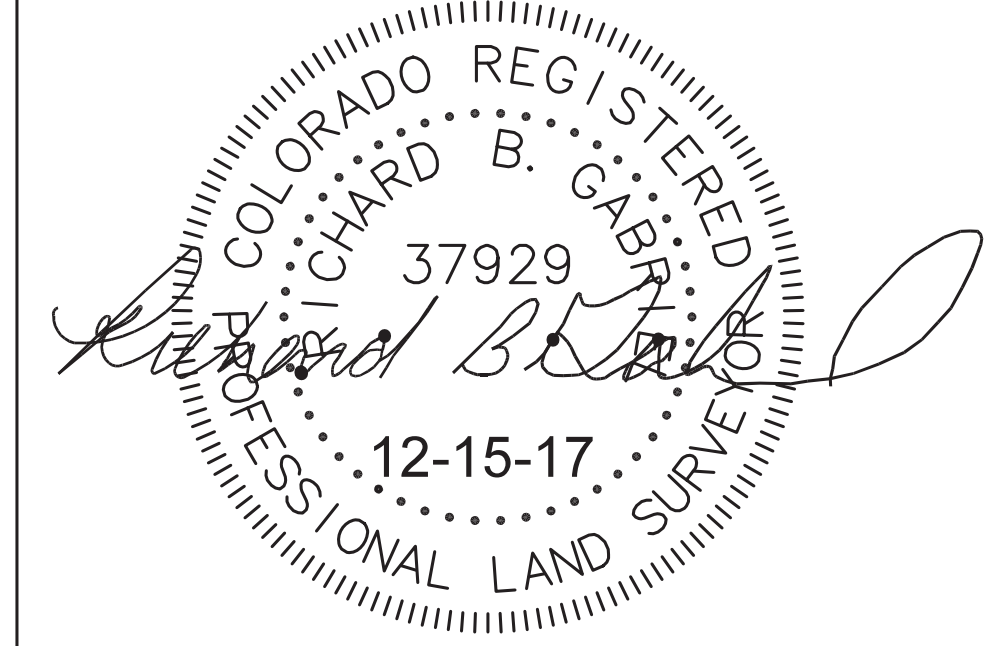


DRAWN BY: JCB CHECKED BY: RBG JOB #: 501-17-268

- SURVEYOR'S NOTES**
1. BASIS OF BEARINGS: BEARINGS ARE BASED UPON THE NORTH LINE OF TRACT 78 ARROWWOOD SUBDIVISION, SAID LINE IS ASSUMED TO BEAR NORTH 75°37'40" EAST, A DISTANCE OF 485.00 FEET.
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SURVEYOR'S CERTIFICATION
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POWER SURVEYING CO., INC
RICHARD B. GABRIEL
LAND SURVEYOR - COLORADO # 37929
Date: 12/15/17
Revision: 10/23/18



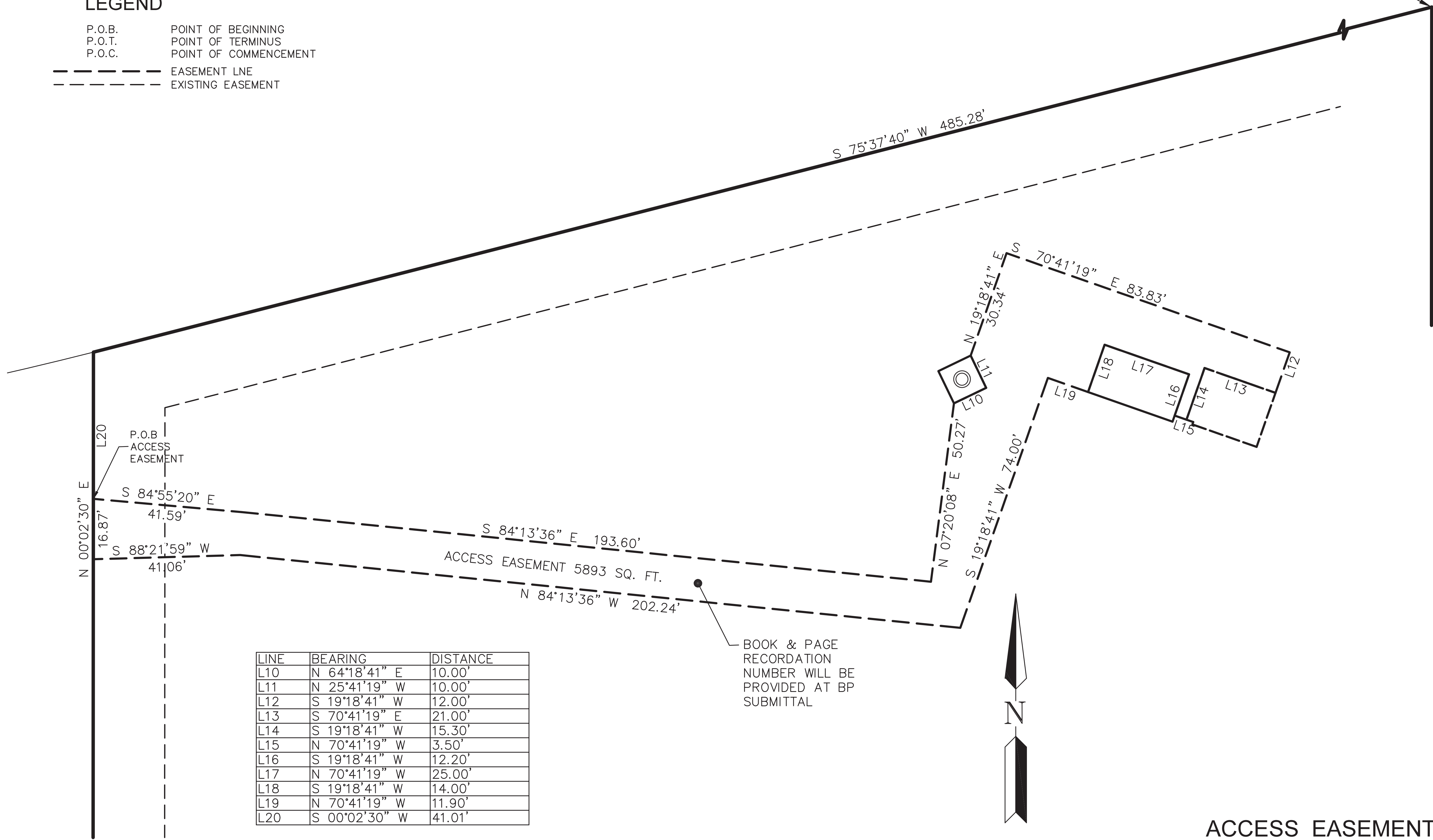
PARENT PARCEL DETAIL
SCALE 1" = 50'

AREA TABLE	SQUARE FEET	ACRE
(A) PARENT PARCEL	±1,214,177	±27.874
(B) TOWER EASEMENT	±100	±0.002
(C) LEASE AREA #1	±335	±0.008
(D) LEASE AREA #2	±350	±0.008
(E) 5' UTILITY EASEMENT	±446	±0.010
(F) ACCESS EASEMENT	±5893	±0.135

LEGEND

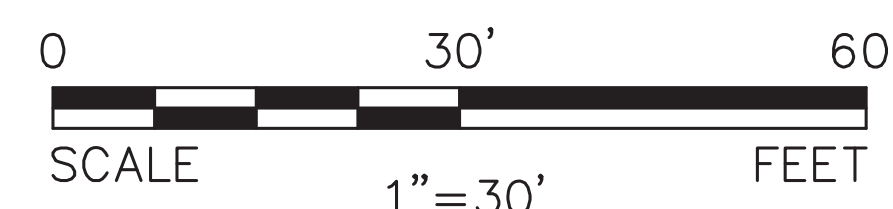
P.O.B. POINT OF BEGINNING
P.O.T. POINT OF TERMINUS
P.O.C. POINT OF COMMENCEMENT
--- EASEMENT LNE
--- EXISTING EASEMENT

NE COR OF TRACT 78
P.O.C.: 5' WIDE UTILITY ESMT, TOWER ESMT #1,
TOWER ESMT #2 & ACCESS ESMT



LINE	BEARING	DISTANCE
L10	N 64°18'41" E	10.00'
L11	N 25°41'19" W	10.00'
L12	S 19°18'41" W	12.00'
L13	S 70°41'19" E	21.00'
L14	S 19°18'41" W	15.30'
L15	N 70°41'19" W	3.50'
L16	S 19°18'41" W	12.20'
L17	N 70°41'19" W	25.00'
L18	S 19°18'41" W	14.00'
L19	N 70°41'19" W	11.90'
L20	S 00°02'30" W	41.01'

BOOK & PAGE
RECORDATION
NUMBER WILL BE
PROVIDED AT BP
SUBMITTAL



ACCESS EASEMENT
SCALE 1" = 30'

PCD FILE NO. TWR183

SURVEY

IN SECTION 18,

TOWNSHIP 11 SOUTH, RANGE 66 WEST

SITE: CS GOODMAN AND SONS
BUN: 823520
ADDRESS: 17997 SIERRA WAY
MONUMENT, CO 80132
EL PASO COUNTY



NATIONAL SURVEY SERVICES COORDINATION BY:



13430 NW 104th Terrace, Suite A, Alachua, FL 32615
Office: (386) 418-0500 Fax: (386) 462-9986
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720 W. 84TH AVENUE
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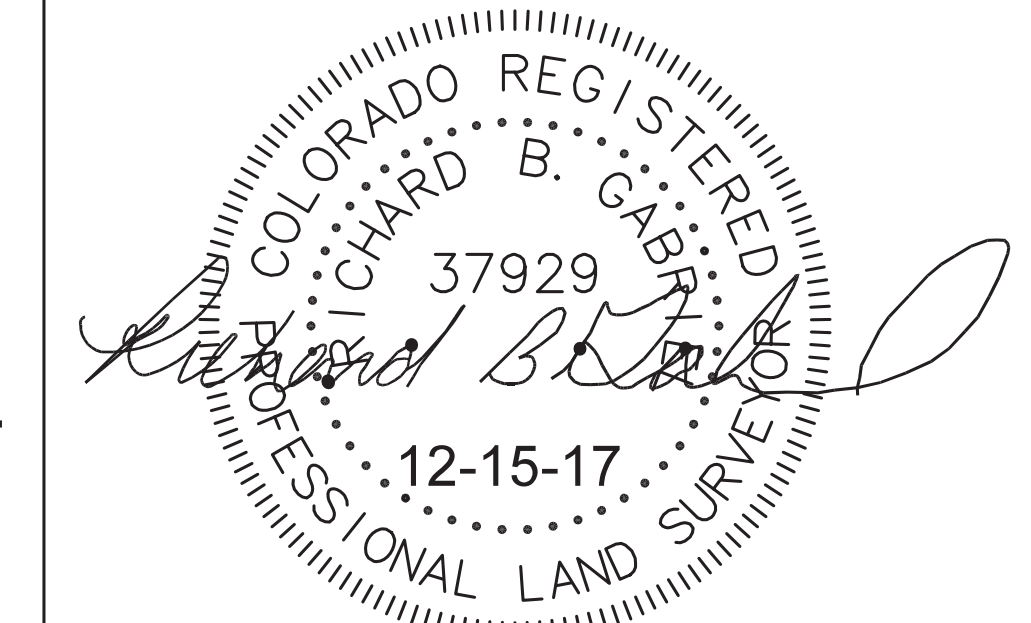
DRAWN BY: JCB CHECKED BY: RBG JOB #: 501-17-268

SURVEYOR'S NOTES

1. BASIS OF BEARINGS: BEARINGS ARE BASED UPON THE NORTH LINE OF TRACT 78 ARROWWOOD SUBDIVISION, SAID LINE IS ASSUMED TO BEAR NORTH 75°37'40" EAST, A DISTANCE OF 485.00 FEET.
2. NO SUBSURFACE INVESTIGATION WAS PERFORMED TO LOCATE UNDERGROUND UTILITIES. UTILITIES SHOWN HEREON ARE LIMITED TO AND ARE PER OBSERVED EVIDENCE ONLY.
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SURVEYOR'S CERTIFICATION
I HEREBY CERTIFY TO CROWN CASTLE AND OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY.

POWER SURVEYING CO., INC
RICHARD B. GABRIEL
LAND SURVEYOR - COLORADO # 37929
Date: 12/15/17
Revision: 10/23/18



SURVEY

IN SECTION 18,

TOWNSHIP 11 SOUTH, RANGE 66 WEST

SITE: CS GOODMAN AND SONS
 BUN: 823520
 ADDRESS: 17997 SIERRA WAY
 MONUMENT, CO 80132
 EL PASO COUNTY

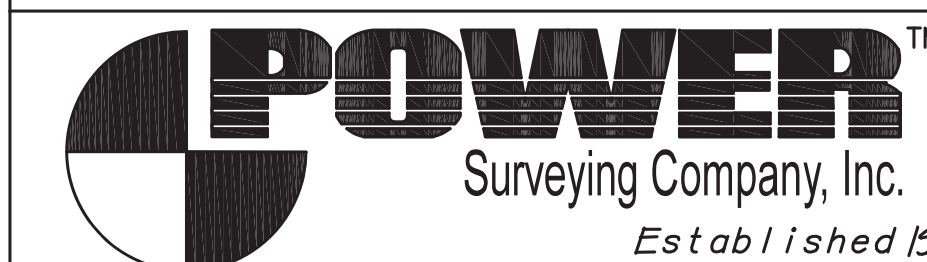


NATIONAL SURVEY SERVICES COORDINATION BY:



13430 NW 104th Terrace, Suite A, Alachua, FL 32615
 Office: (386) 418-0500 Fax: (386) 462-9986
 WWW.GEOLINEINC.COM

SURVEY WORK PERFORMED BY:



720 W. 84TH AVENUE SUITE 240 THORNTON, COLORADO 80260 PH. 303-702-1617 FAX. 303-702-1488 WWW.POWERSURVEYING.COM

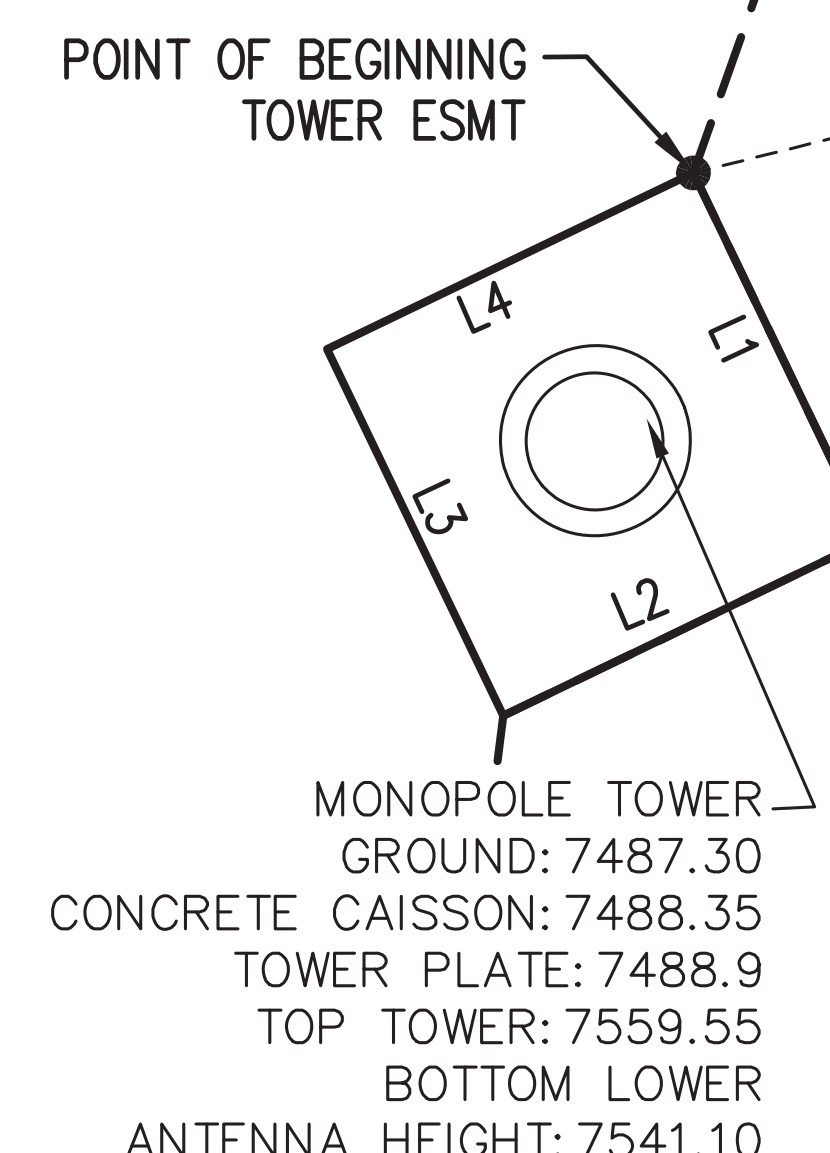
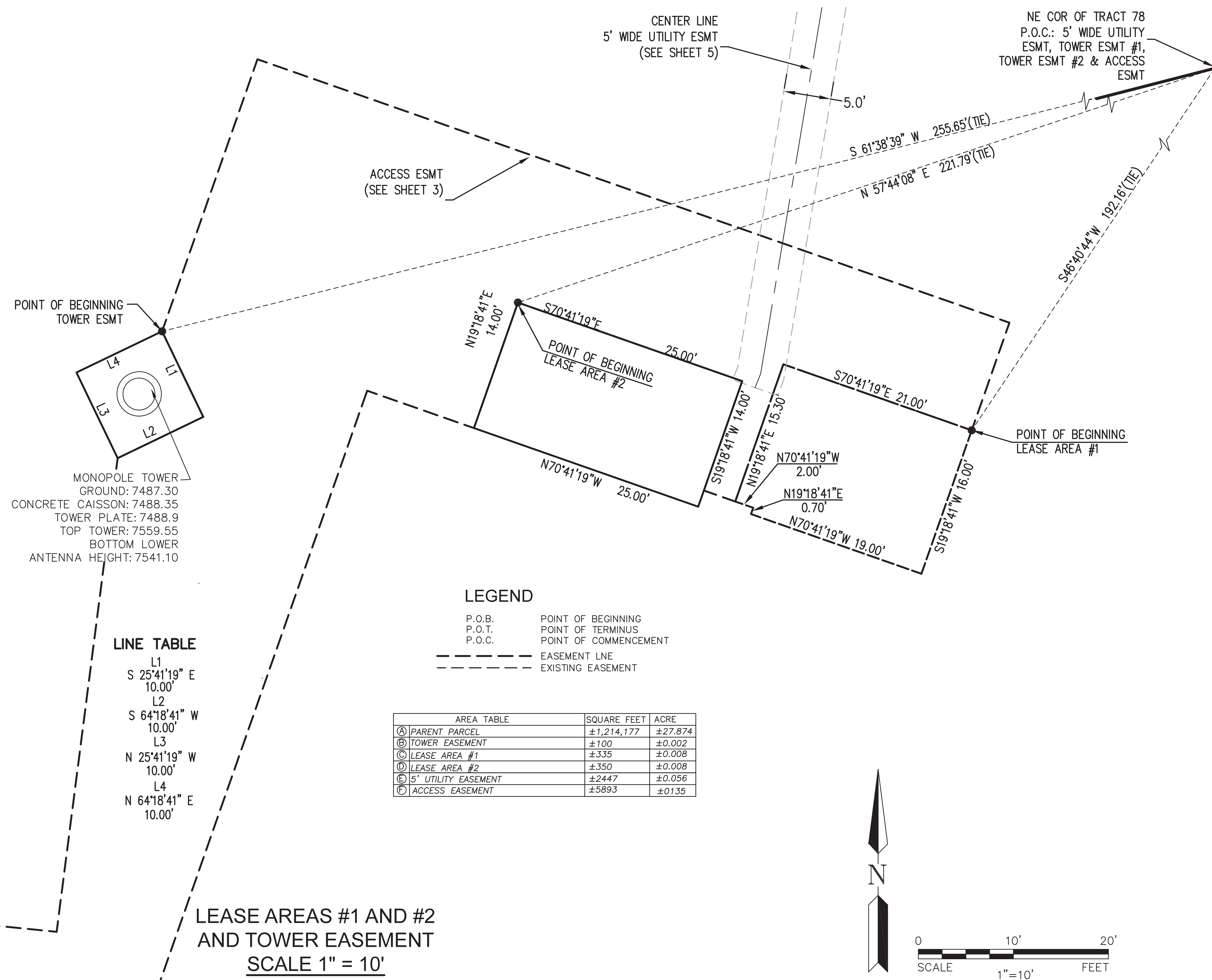
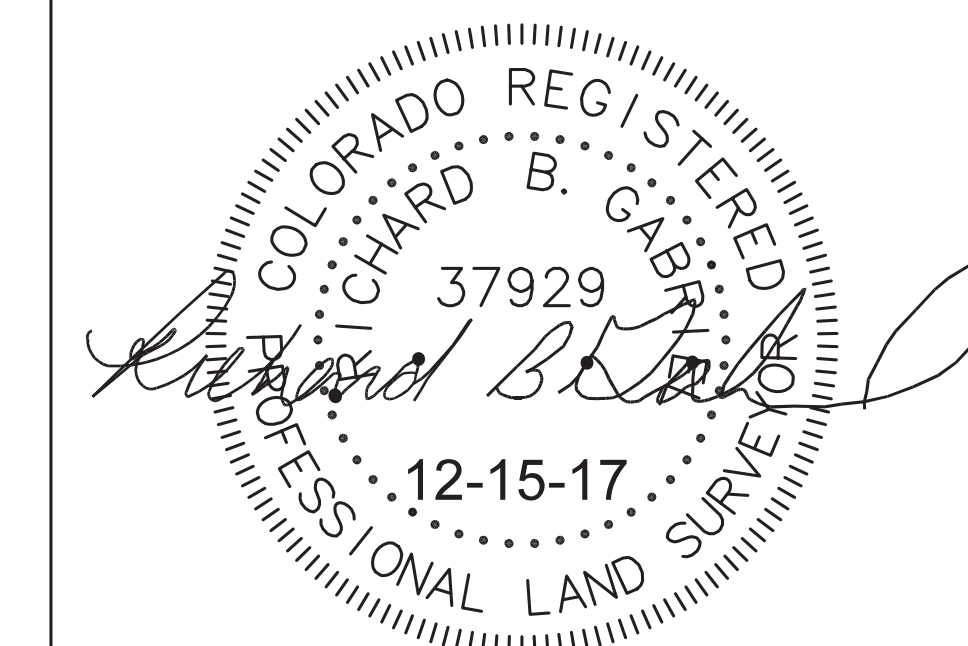
DRAWN BY: JCB CHECKED BY: RBG JOB #: 501-17-268

SURVEYOR'S NOTES

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SURVEYOR'S CERTIFICATION
 I HEREBY CERTIFY TO CROWN CASTLE AND OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY.

POWER SURVEYING CO., INC
 RICHARD B. GABRIEL
 LAND SURVEYOR - COLORADO # 37929
 Date: 12/15/17
 Revision: 10/23/18



MONOPOLE TOWER
 GROUND: 7487.30
 CONCRETE CAISSON: 7488.35
 TOWER PLATE: 7488.9
 TOP TOWER: 7559.55
 BOTTOM LOWER ANTENNA HEIGHT: 7541.10

LINE TABLE

L1	S 25°41'19" E	10.00'
L2	S 64°18'41" W	10.00'
L3	N 25°41'19" W	10.00'
L4	N 64°18'41" E	10.00'

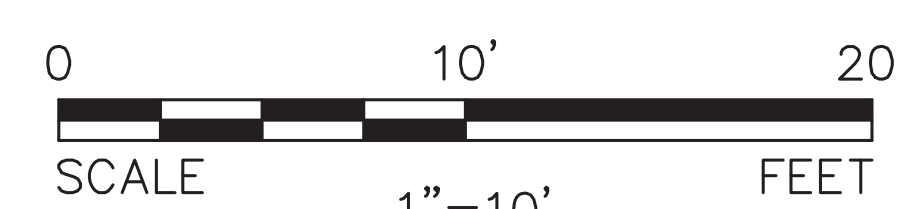
LEGEND

P.O.B.	POINT OF BEGINNING
P.O.T.	POINT OF TERMINUS
P.O.C.	POINT OF COMMENCEMENT
---	EASEMENT LINE
---	EXISTING EASEMENT

AREA TABLE

	SQUARE FEET	ACRE
Ⓐ PARENT PARCEL	±1,214,177	±27.874
Ⓑ TOWER EASEMENT	±100	±0.002
Ⓒ LEASE AREA #1	±335	±0.008
Ⓓ LEASE AREA #2	±350	±0.008
Ⓔ 5' UTILITY EASEMENT	±2447	±0.056
Ⓕ ACCESS EASEMENT	±5893	±0.135

LEASE AREAS #1 AND #2
 AND TOWER EASEMENT
 SCALE 1" = 10'



STATE HIGHWAY 105
PUBLIC/PAVED - R.O.W VARIES

POINT OF TERMINUS 5' WIDE
UTILITY ESMT

N 14°22'20" W
16.59'

NE COR OF TRACT 78
P.O.C.: 5' WIDE UTILITY ESMT, TOWER ESMT #1,
TOWER ESMT #2 & ACCESS ESMT

N 07°09'29" E
13.34'

CENTER LINE 5' WIDE
UTILITY ESMT

206.54'

N 09°29'43" E 57.67'

S 51°55'49" W

ACCESS ESMT.
(SEE SHEET 3)

N 21°40'29" E
1.58'

POINT OF BEGINNING 5' WIDE
UTILITY ESMT

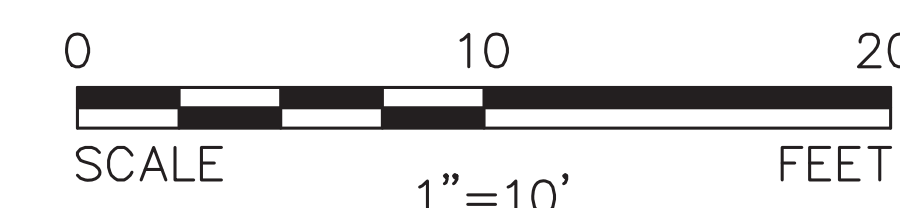
LEASE AREA #2
(SEE SHEET 4)

LEASE AREA #1
(SEE SHEET 4)

	AREA TABLE	SQUARE FEET	ACRE
(A)	PARENT PARCEL	±1,214,177	±27.874
(B)	TOWER EASEMENT	±100	±0.002
(C)	LEASE AREA #1	±335	±0.008
(D)	LEASE AREA #2	±350	±0.008
(E)	5' UTILITY EASEMENT	±446	±0.010
(F)	ACCESS EASEMENT	±5,893	±0.135

LEGEND

P.O.B. POINT OF BEGINNING
P.O.T. POINT OF TERMINUS
P.O.C. POINT OF COMMENCEMENT
- - - - - EASEMENT LNE
- - - - - EXISTING EASEMENT



**EXISTING BUILDING DETAIL
& UTILITY EASEMENT DETAIL
SCALE 1" = 10'**

PCD FILE NO. TWR183

SURVEY

IN SECTION 18,

TOWNSHIP 11 SOUTH, RANGE 66 WEST

SITE: CS GOODMAN AND SONS
BUN: 823520
ADDRESS: 17997 SIERRA WAY
MONUMENT, CO 80132
EL PASO COUNTY



NATIONAL SURVEY SERVICES COORDINATION BY:



13430 NW 104th Terrace, Suite A, Alachua, FL 32615
Office: (386) 418-0500 Fax: (386) 462-9986
WWW.GEOLINEINC.COM

SURVEY WORK PERFORMED BY:



720 W. 84TH AVENUE SUITE 240 THORNTON, COLORADO 80260 PH. 303-702-1617 FAX. 303-702-1488 WWW.POWERSURVEYING.COM

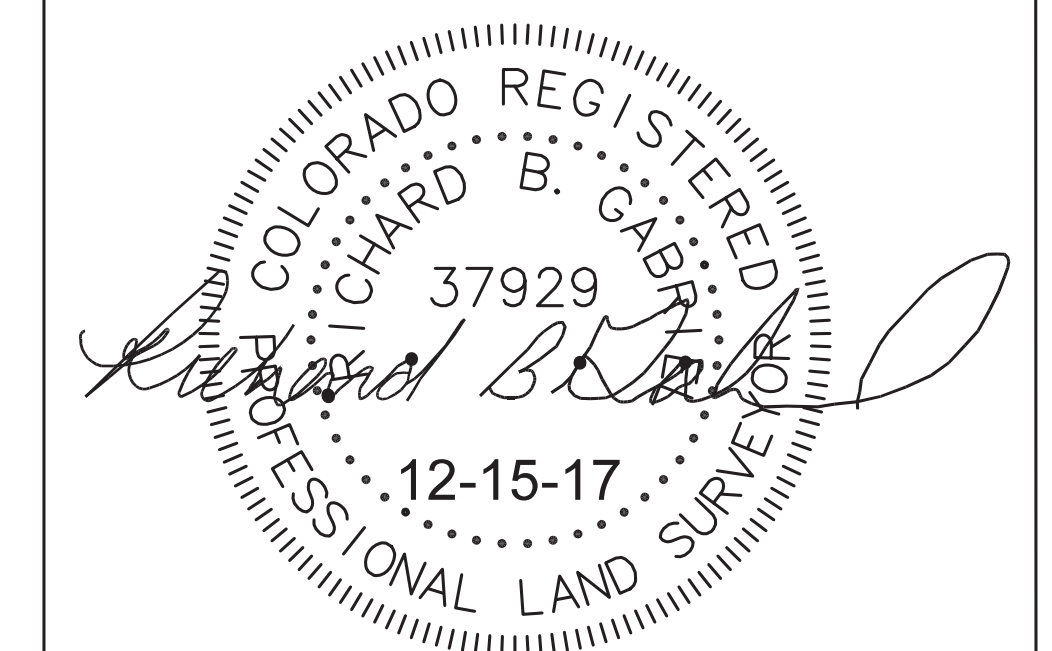
DRAWN BY: JCB CHECKED BY: RBG JOB #: 501-17-268

SURVEYOR'S NOTES

1. BASIS OF BEARINGS: BEARINGS ARE BASED UPON THE NORTH LINE OF TRACT 78 ARROWWOOD SUBDIVISION, SAID LINE IS ASSUMED TO BEAR NORTH 75°37'40" EAST, A DISTANCE OF 485.00 FEET.
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SURVEYOR'S CERTIFICATION
I HEREBY CERTIFY TO CROWN CASTLE AND OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY.

POWER SURVEYING CO., INC
RICHARD B. GABRIEL
LAND SURVEYOR - COLORADO # 37929
Date: 12/15/17
Revision: 10/23/18



PARCEL OWNERSHIP

OWNER: ROBERT J BOILEAU III
KIMBERLY L BOILEAU
PARCEL NO. 6118009003

PARENT PARCEL DESCRIPTION

(THE FOLLOWING LEGAL DESCRIPTION IS THE SAME AS THAT IN OLD REPUBLIC TITLE INSURANCE COMPANY'S COMMITMENT NO. 01-17068604-01S, EFFECTIVE SEPTEMBER 18, 2017)

TRACT 78, ARROWWOOD SUBDIVISION NO 2, EL PASO COUNTY, COLORADO ACCORDING TO THE PLAT THEREFORE RECORDED ON PLAT BOOK A-2 AT PAGE 66.

ALSO KNOWN AS 17995 SIERRA WAY, MONUMENT, CO 80132

SCHEDULE B-II EXCEPTIONS

(THE FOLLOWING SCHEDULE B-II EXCEPTIONS ARE THE SAME AS THOSE IN OLD REPUBLIC TITLE INSURANCE COMPANY'S OWNERSHIP AND ENCUMBRANCE REPORT NO. 01-17068604-01S, EFFECTIVE SEPTEMBER 18, 2017, ITEM NUMBER 1 IS NON-SURVEY RELATED AND NOT ADDRESSED HEREON)

(2) ARROWWOOD PLAT MAP, AS RECORDED IN PLAT BOOK A2, PAGE(S) 66 OF EL PASO COUNTY RECORDS.

AFFECTS SUBJECT PROPERTY. PLOTTED AND SHOWN HEREON.

(3) CO-LOCATION DOCUMENT, RECORDED 10/27/2005, AS INSTRUMENT NO. 205172071 OF EL PASO COUNTY RECORDS.

AFFECTS SUBJECT PROPERTY. NOT PLOTTED AND SHOWN HEREON AS THE CLIENT REQUESTED ALL LEASES AND EASEMENTS BE REVISED AND RE-WRITTEN.

(4) MEMORANDUM OF LEASE BY AND BETWEEN ROBERT J. BOILEAU, III AND KIMBERLY L. BOILEAU, LESSOR(S) AND NEW CINGULAR WIRELESS PCS, LLC, LESSEE(S), RECORDED 08/28/2012, AS INSTRUMENT NO. 212100008 OF THE EL PASO COUNTY RECORDS.

NO DOCUMENT PROVIDED FOR REVIEW.

(5) MEMORANDUM OF MASTER PREPAID LEASE AND MANAGEMENT AGREEMENT BY AND BETWEEN TMOBILE WEST TOWER LLC, A DELAWARE LIMITED LIABILITY COMPANY, LESSOR, AND CCTMO LLC, A DELAWARE LIMITED LIABILITY COMPANY, LESSEE, RECORDED 08/29/2013, AS INSTRUMENT NO. 213110878 OF THE EL PASO COUNTY RECORDS.

AFFECTS SUBJECT PROPERTY. PLOTTED AND SHOWN HEREON.

(6) MEMORANDUM OF LEASE BY AND BETWEEN ROBERT J. BOILEAU, III AND KIMBERLY L. BOILEAU, LANDLORD, AND NEW CINGULAR WIRELESS PCS, LLC, A DELAWARE LIMITED LIABILITY COMPANY, TENANT, RECORDED, 11/25/2013, AS INSTRUMENT NO. 213142285 OF THE EL PASO COUNTY RECORDS.

AFFECTS SUBJECT PROPERTY. NOT PLOTTED AND SHOWN HEREON AS THE CLIENT REQUESTED THE LEASES AND EASEMENTS BE REVISED AND RE-WRITTEN.

ACCESS EASEMENT DESCRIPTION

(CREATED BY THIS OFFICE)

A PORTION OF TRACT 78 OF ARROWWOOD SUBDIVISION NO. 2, LYING WITHIN THE EAST HALF (E1/2) OF SECTION 18, TOWNSHIP 11 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF EL PASO, STATE OF COLORADO, AND BEING MORE DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID TRACT 78, FROM WHENCE THE NORTHWEST CORNER OF SAID TRACT 78 BEARS SOUTH 75°37'40" WEST A DISTANCE OF 485.28 FEET, WITH ALL BEARINGS HEREIN RELATED THERETO;

THENCE SOUTH 75°37'40" WEST ALONG THE NORTH LINE OF SAID TRACT 78, A DISTANCE OF 485.28 FEET;
THENCE SOUTH 00°02'30" WEST ALONG THE WEST LINE OF SAID TRACT 78, A DISTANCE OF 41.01 FEET TO THE POINT OF BEGINNING.

THENCE DEPARTING SAID WEST LINE, SOUTH 84°55'20" EAST A DISTANCE OF 41.59 FEET;
THENCE SOUTH 84°13'36" EAST A DISTANCE OF 193.60 FEET;
THENCE NORTH 07°20'08" EAST A DISTANCE OF 50.27 FEET;
THENCE NORTH 64°18'41" EAST A DISTANCE OF 10.00 FEET;
THENCE NORTH 25°41'19" WEST A DISTANCE OF 10.00 FEET;
THENCE NORTH 19°18'41" EAST A DISTANCE OF 30.34 FEET;
THENCE SOUTH 70°41'19" EAST A DISTANCE OF 83.83 FEET;
THENCE SOUTH 19°18'41" WEST A DISTANCE OF 12.00 FEET;
THENCE SOUTH 70°41'19" EAST A DISTANCE OF 21.00 FEET;
THENCE SOUTH 19°18'41" WEST A DISTANCE OF 15.30 FEET;
THENCE NORTH 70°41'19" WEST A DISTANCE OF 3.50 FEET;
THENCE SOUTH 19°18'41" WEST A DISTANCE OF 12.20 FEET;
THENCE NORTH 70°41'19" WEST A DISTANCE OF 25.00 FEET;
THENCE SOUTH 19°18'41" WEST A DISTANCE OF 14.00 FEET;
THENCE NORTH 70°41'19" WEST A DISTANCE OF 11.90 FEET;
THENCE SOUTH 19°18'41" WEST A DISTANCE OF 74.00 FEET;
THENCE NORTH 84°13'36" WEST A DISTANCE OF 202.24 FEET;
THENCE SOUTH 88°21'59" WEST A DISTANCE OF 41.06 FEET;
THENCE NORTH 00°02'30" EAST A DISTANCE OF 16.87 FEET TO THE POINT OF BEGINNING.

CONTAINING ±5,893 SQUARE FEET OR ±0.135 ACRES MORE OR LESS

LEASE AREA #1 DESCRIPTION

(CREATED BY THIS OFFICE)

A PORTION OF TRACT 78 OF ARROWWOOD SUBDIVISION NO. 2, LYING WITHIN THE EAST HALF (E 1/2) OF SECTION 18, TOWNSHIP 11 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF EL PASO, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID TRACT 78, FROM WHENCE THE NORTHWEST CORNER OF SAID TRACT 78 BEARS SOUTH 75°37'40" WEST A DISTANCE OF 485.28 FEET, WITH ALL BEARINGS HEREIN RELATED THERETO;
THENCE SOUTH 48°42'36" WEST, 192.16 FEET TO THE POINT OF BEGINNING;

THENCE SOUTH 19°18'41" WEST, A DISTANCE OF 16.00 FEET TO A POINT;
THENCE NORTH 70°41'19" WEST, A DISTANCE OF 19.00 FEET TO A POINT;
THENCE NORTH 19°18'41" EAST, A DISTANCE OF 0.70 FEET TO A POINT;
THENCE NORTH 70°41'19" WEST, A DISTANCE OF 2.00 FEET TO A POINT;
THENCE NORTH 19°18'41" EAST, A DISTANCE OF 15.30 FEET TO A POINT;
THENCE SOUTH 70°41'19" EAST, A DISTANCE OF 21.00 FEET TO THE POINT OF BEGINNING.

CONTAINING ±335 SQUARE FEET OR ±0.008 ACRES OF LAND, MORE OR LESS.

LEASE AREA #2 DESCRIPTION

(CREATED BY THIS OFFICE)

A PORTION OF TRACT 78 OF ARROWWOOD SUBDIVISION NO. 2, LYING WITHIN THE EAST HALF (E 1/2) OF SECTION 18, TOWNSHIP 11 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF EL PASO, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID TRACT 78, FROM WHENCE THE NORTHWEST CORNER OF SAID TRACT 78 BEARS SOUTH 75°37'40" WEST A DISTANCE OF 485.28 FEET, WITH ALL BEARINGS HEREIN RELATED THERETO;
THENCE SOUTH 57°44'08" WEST, 221.79 FEET TO THE POINT OF BEGINNING;

THENCE SOUTH 70°41'19" EAST, A DISTANCE OF 25.00 FEET TO A POINT;
THENCE SOUTH 19°18'41" WEST, A DISTANCE OF 14.00 FEET TO A POINT;
THENCE NORTH 70°41'19" WEST, A DISTANCE OF 25.00 FEET TO A POINT;
THENCE NORTH 19°18'41" EAST, A DISTANCE OF 14.00 FEET TO THE POINT OF BEGINNING.

CONTAINING ±350 SQUARE FEET OR ±0.008 ACRES OF LAND, MORE OR LESS.

5' UTILITY EASEMENT DESCRIPTION

(CREATED BY THIS OFFICE)

A PORTION OF TRACT 78 OF ARROWWOOD SUBDIVISION NO. 2, LYING WITHIN THE EAST HALF (E 1/2) OF SECTION 18, TOWNSHIP 11 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF EL PASO, STATE OF COLORADO, AND BEING A 5-FOOT WIDE STRIP OF LAND LYING 2.5 FEET ON EITHER SIDE OF THE FOLLOWING DESCRIBED CENTERLINE:

COMMENCING AT THE NORTHEAST CORNER OF SAID TRACT 78, FROM WHENCE THE NORTHWEST CORNER OF SAID TRACT 78 BEARS SOUTH 75°37'40" WEST A DISTANCE OF 485.28 FEET, WITH ALL BEARINGS HEREIN RELATED THERETO;
THENCE SOUTH 51°55'49" WEST, A DISTANCE OF 206.54 FEET TO THE POINT OF BEGINNING;

THENCE NORTH 21°40'29" EAST, A DISTANCE OF 1.58 FEET TO A POINT;
THENCE NORTH 09°29'43" EAST, A DISTANCE OF 57.67 FEET TO A POINT;
THENCE NORTH 07°09'29" EAST, A DISTANCE OF 13.34 FEET TO A POINT;
THENCE NORTH 14°22'20" WEST, A DISTANCE OF 16.59 FEET TO A POINT ON THE SOUTH RIGHT OR WAY LINE OF STATE HIGHWAY 50, THE NORTH LINE OF SAID TRACT 78 AND THE POINT OF TERMINUS.

THE SIDELINES OF SAID EASEMENT SHALL BE MADE TO EXTEND TO OR TRIM TO THE BOUNDARY OF SAID STATE HIGHWAY.

CONTAINING ±446 SQ. FEET OR ±0.010 ACRES OF LAND, MORE OR LESS.

TOWER EASEMENT

(CREATED BY THIS OFFICE)

A PORTION OF TRACT 78 OF ARROWWOOD SUBDIVISION NO. 2, LYING WITHIN THE EAST HALF (E 1/2) OF SECTION 18, TOWNSHIP 11 SOUTH, RANGE 66 WEST OF THE SIXTH PRINCIPAL MERIDIAN, COUNTY OF EL PASO, STATE OF COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID TRACT 78, FROM WHENCE THE NORTHWEST CORNER OF SAID TRACT 78 BEARS SOUTH 75°37'40" WEST A DISTANCE OF 485.28 FEET, WITH ALL BEARINGS HEREIN RELATED THERETO;
THENCE SOUTH 61°38'39" WEST, 255.65 FEET TO THE POINT OF BEGINNING;

THENCE SOUTH 25°41'19" EAST, A DISTANCE OF 10.00 FEET TO A POINT;
THENCE SOUTH 64°18'41" WEST, A DISTANCE OF 10.00 FEET TO A POINT;
THENCE NORTH 25°41'19" WEST, A DISTANCE OF 10.00 FEET TO A POINT;
THENCE NORTH 64°18'41" EAST, A DISTANCE OF 10.00 FEET TO THE POINT OF BEGINNING;

CONTAINING ±100 SQUARE FEET OR ±0.002 ACRES OF LAND, MORE OR LESS.

SURVEY

IN SECTION 18,

TOWNSHIP 11 SOUTH, RANGE 66 WEST

**SITE: CS GOODMAN AND SONS
BUN: 823520
ADDRESS: 17997 SIERRA WAY
MONUMENT, CO 80132
EL PASO COUNTY**



NATIONAL SURVEY SERVICES COORDINATION BY:

**GEOLINE
SURVEYING, INC.**

13430 NW 104th Terrace, Suite A, Alachua, FL 32615
Office: (386) 418-0500 Fax: (386) 462-9986
WWW.GEOLINEINC.COM

SURVEY WORK PERFORMED BY:

POWERTM
Surveying Company, Inc.
Established 1948

720 W. 84TH AVENUE
SUITE 240
THORNTON, COLORADO 80260

PH. 303-702-1617
FAX. 303-702-1488
WWW.POWERSURVEYING.COM

DRAWN BY: JCB CHECKED BY: RBG JOB #: 501-17-268

SURVEYOR'S NOTES

1. BASIS OF BEARINGS: BEARINGS ARE BASED UPON THE NORTH LINE OF TRACT 78 ARROWWOOD SUBDIVISION, SAID LINE IS ASSUMED TO BEAR NORTH 75°37'40" EAST, A DISTANCE OF 485.00 FEET.

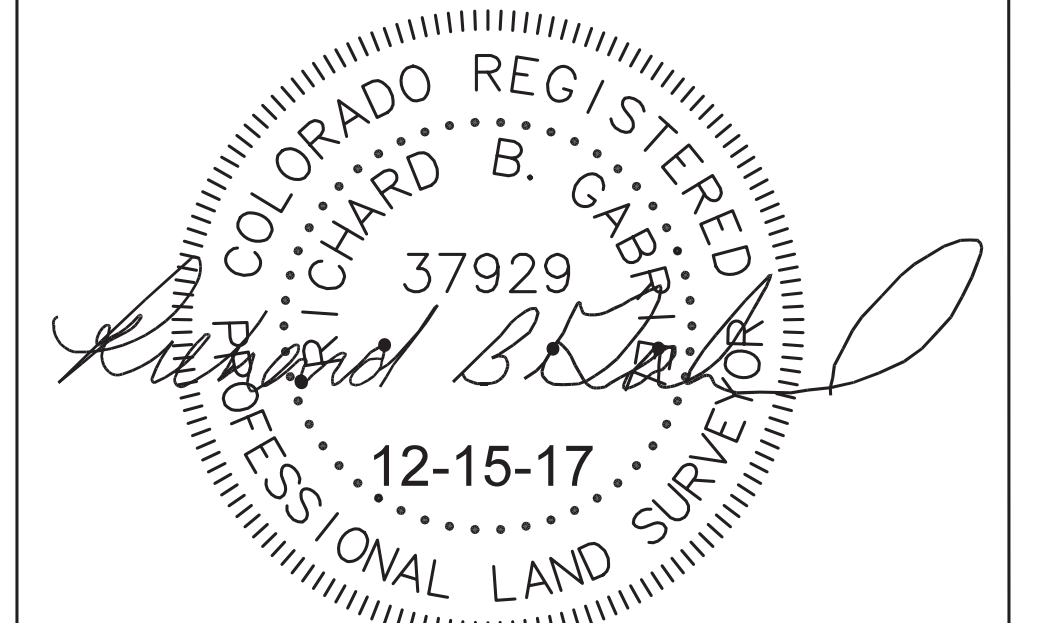
2. NO SUBSURFACE INVESTIGATION WAS PERFORMED TO LOCATE UNDERGROUND UTILITIES. UTILITIES SHOWN HEREON ARE LIMITED TO AND ARE PER OBSERVED EVIDENCE ONLY.

3. THIS SURVEY DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARENT PARCEL.

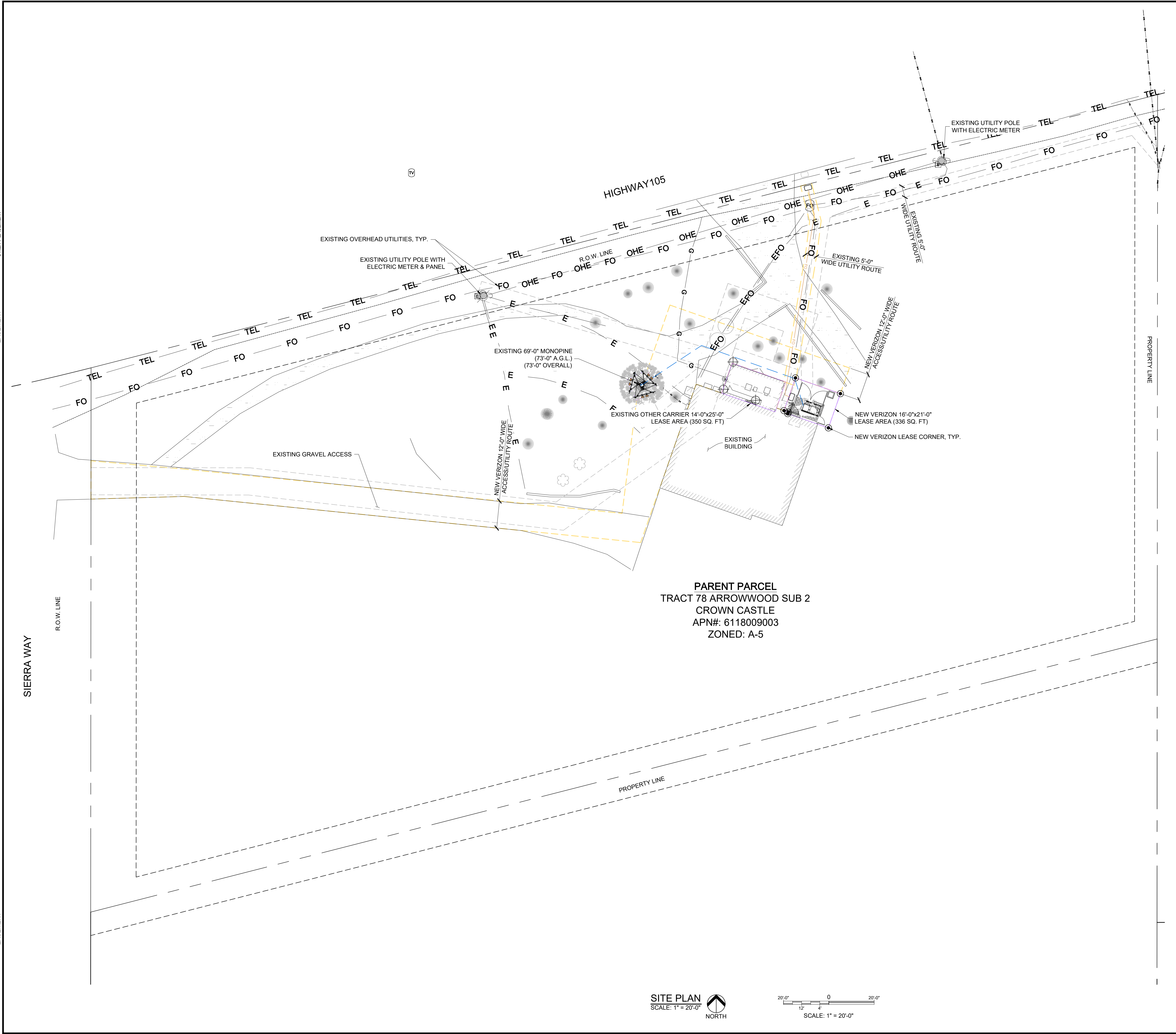
4. THIS SURVEY PLAT WAS PREPARED FOR THE EXCLUSIVE USE OF THE PARTIES AS NAMED IN THE CERTIFICATE AS SHOWN HEREON. SAID CERTIFICATE DOES NOT EXTEND TO ANY UNNAMED ENTITY OR PERSON WITHOUT AN EXPRESS RE-CERTIFICATION BY THE SURVEYOR NAMING SUCH PERSON OR ENTITY.

SURVEYOR'S CERTIFICATION
I HEREBY CERTIFY TO CROWN CASTLE AND OLD REPUBLIC NATIONAL TITLE INSURANCE COMPANY.

POWER SURVEYING CO., INC
RICHARD B. GABRIEL
LAND SURVEYOR - COLORADO # 37929
Date: 12/15/17
Revision: 10/23/18

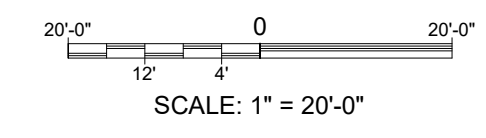


EXISTING
WALL HATCH
NEW WORK/
UTILITY EASEMENT
ACCESS/UTILITY
EASEMENT
HYBRID CABLE/SOCK
DC POWER
FIBER
ANTENNAS
RR/HBBU
LEASE AREA
EXISTING
EASEMENT
PENETRATIONS



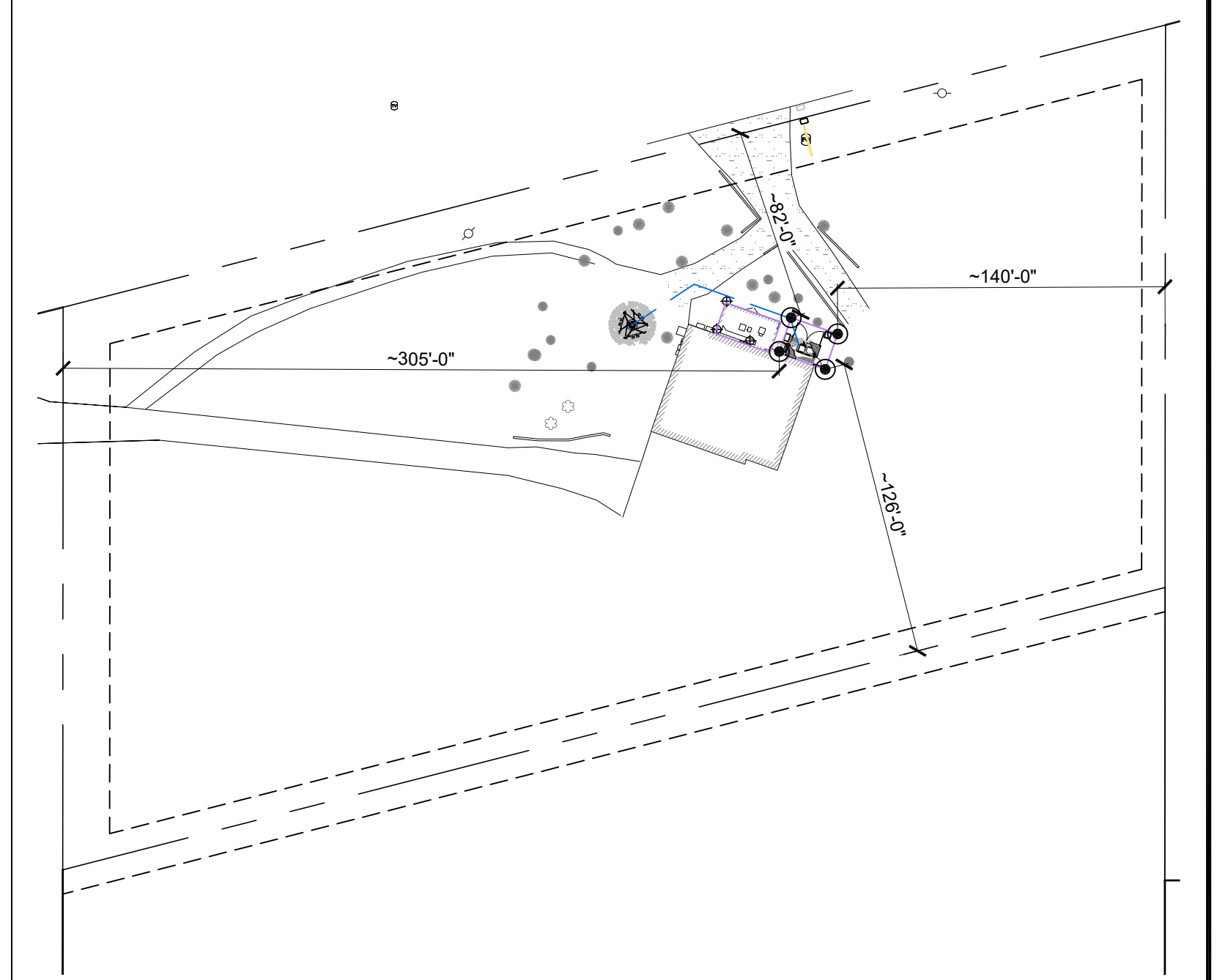
PARENT PARCEL
TRACT 78 ARROWWOOD SUB 2
CROWN CASTLE
APN#: 6118009003
ZONED: A-5

SITE PLAN
SCALE: 1" = 20'-0"

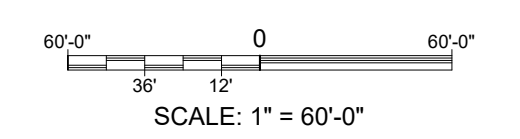


SETBACK TABLE:

LEASE BOUNDARY TO PARENT PROPERTY LINE	
NORTH	~82'-0"
EAST	~140'-0"
SOUTH	~126'-0"
WEST	~305'-0"



SETBACK SITE PLAN
SCALE: 1" = 60'-0"



PRELIMINARY
NOT FOR CONSTRUCTION

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DESIGNED FOR:

3131 SOUTH VAUGHN WAY, SUITE 550
AURORA, COLORADO 80014

DESIGNED BY:

AZ - CA - CO - ID - NM - NV - TX - UT

PROJECT NAME: CSP SCAREBROOK
EXISTING 69'-0" MONOPINE
(OVERALL HEIGHT: 73'-0" A.G.L.)
COLLOCATION COMMUNICATION SITE

PROJECT ADDRESS:
17993 SIERRA WAY
MONUMENT, COLORADO 80132
EL PASO COUNTY

SHEET TITLE:
SITE PLAN & SETBACK SITE PLAN

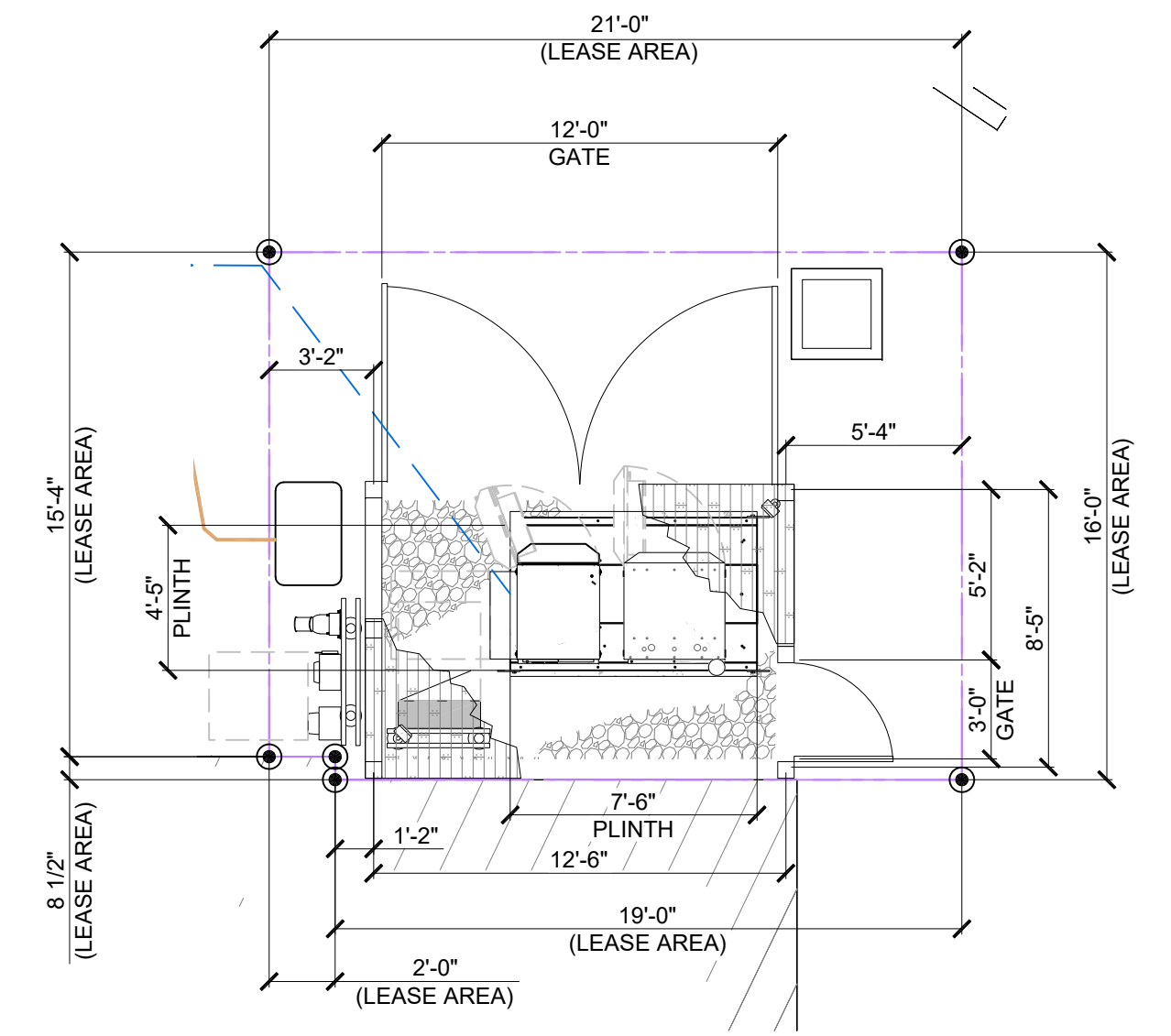
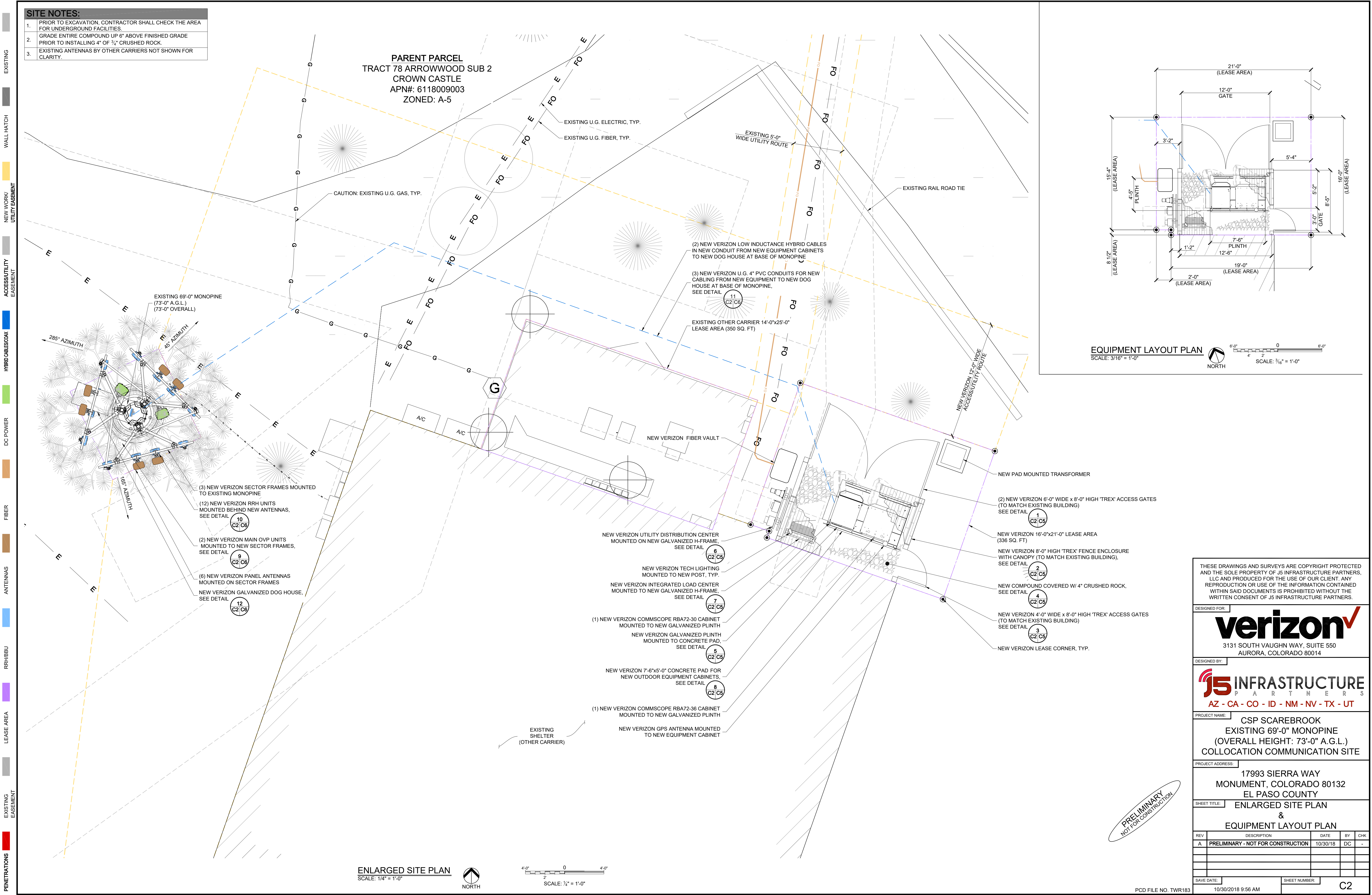
REV	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - NOT FOR CONSTRUCTION	10/30/18	DC	-

SAVE DATE: 10/30/2018 9:56 AM
SHEET NUMBER: C1

SITE NOTES:

1. PRIOR TO EXCAVATION, CONTRACTOR SHALL CHECK THE AREA FOR UNDERGROUND FACILITIES.
2. GRADE ENTIRE COMPOUND UP 6" ABOVE FINISHED GRADE PRIOR TO INSTALLING 4" OF 3/4" CRUSHED ROCK.
3. EXISTING ANTENNAS BY OTHER CARRIERS NOT SHOWN FOR CLARITY.

PARENT PARCEL
TRACT 78 ARROWWOOD SUB 2
CROWN CASTLE
APN#: 6118009003
ZONED: A-5



- EXISTING
- WALL HATCH
- NEW WORK/ UTILITY EASEMENT
- ACCESS UTILITY EASEMENT
- HYBRID CABLES/CAX
- DC POWER
- FIBER
- ANTENNAS
- RR/HIBU
- LEASE AREA
- EXISTING EASEMENT
- PENETRATIONS

ENLARGED SITE PLAN
SCALE: 1/4" = 1'-0"
NORTH
SCALE: 1/4" = 1'-0"

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DESIGNED FOR:

3131 SOUTH VAUGHN WAY, SUITE 550
AURORA, COLORADO 80014

DESIGNED BY:

AZ - CA - CO - ID - NM - NV - TX - UT

PROJECT NAME: CSP SCAREBROOK
EXISTING 69'-0" MONOPINE
(OVERALL HEIGHT: 73'-0" A.G.L.)
COLLOCATION COMMUNICATION SITE

PROJECT ADDRESS: 17993 SIERRA WAY
MONUMENT, COLORADO 80132
EL PASO COUNTY

SHEET TITLE: ENLARGED SITE PLAN
&
EQUIPMENT LAYOUT PLAN

REV	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - NOT FOR CONSTRUCTION	10/30/18	DC	-

SAVE DATE: 10/30/2018 9:56 AM
SHEET NUMBER: C2

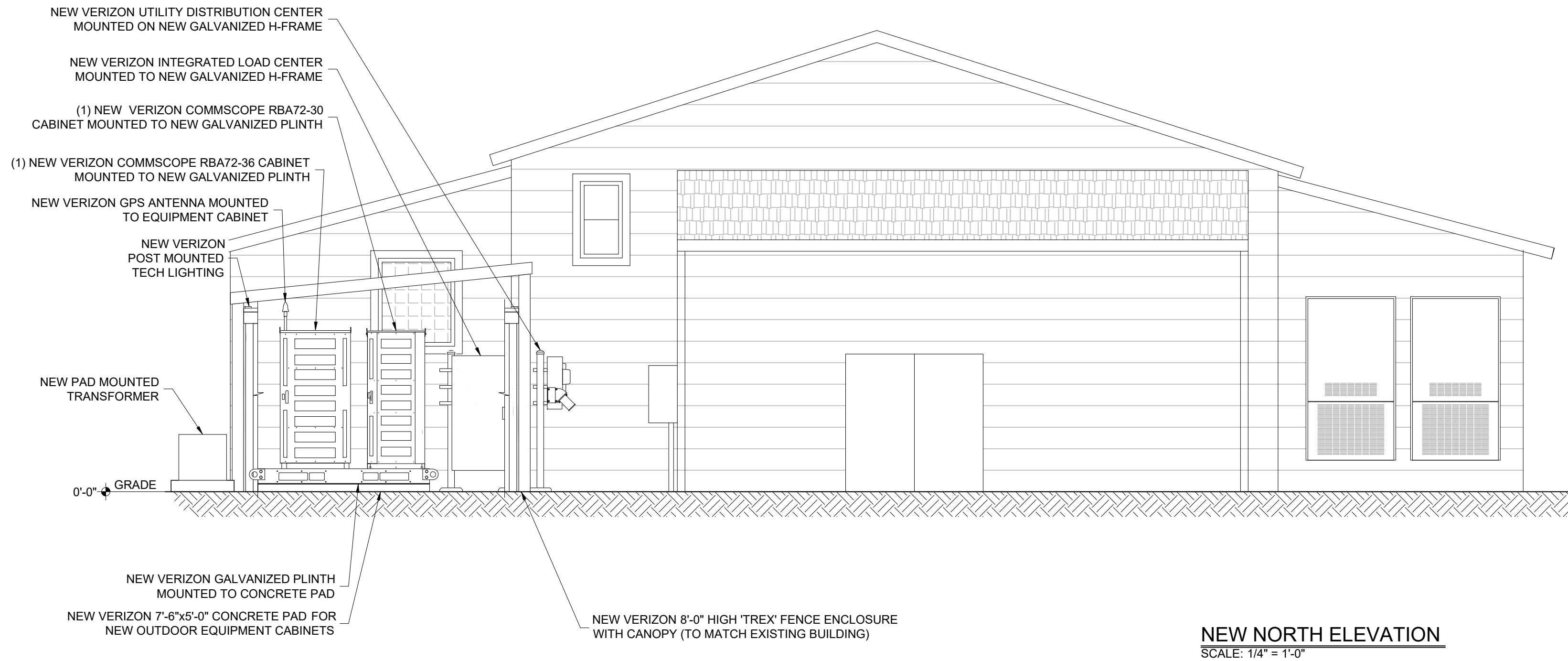
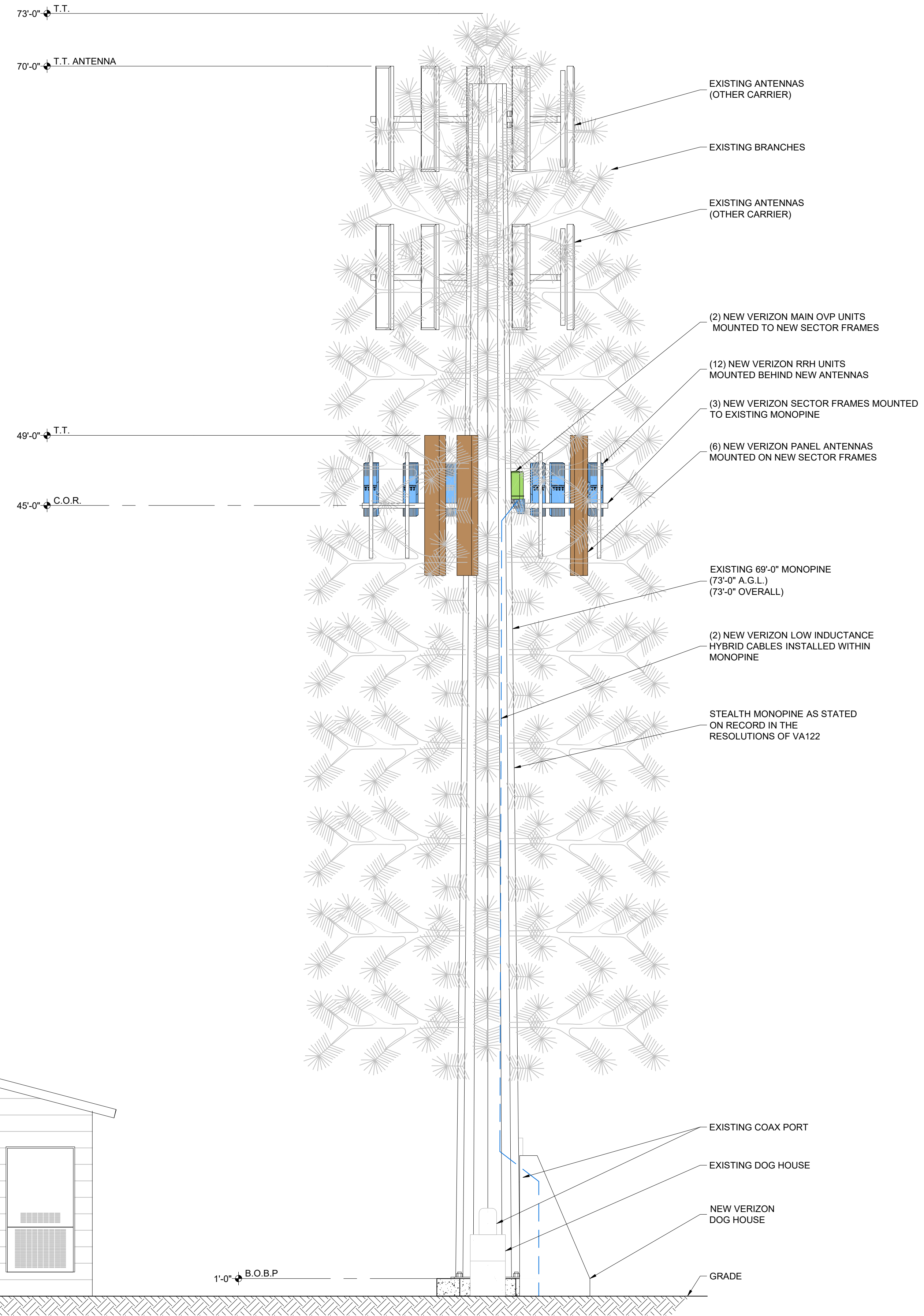
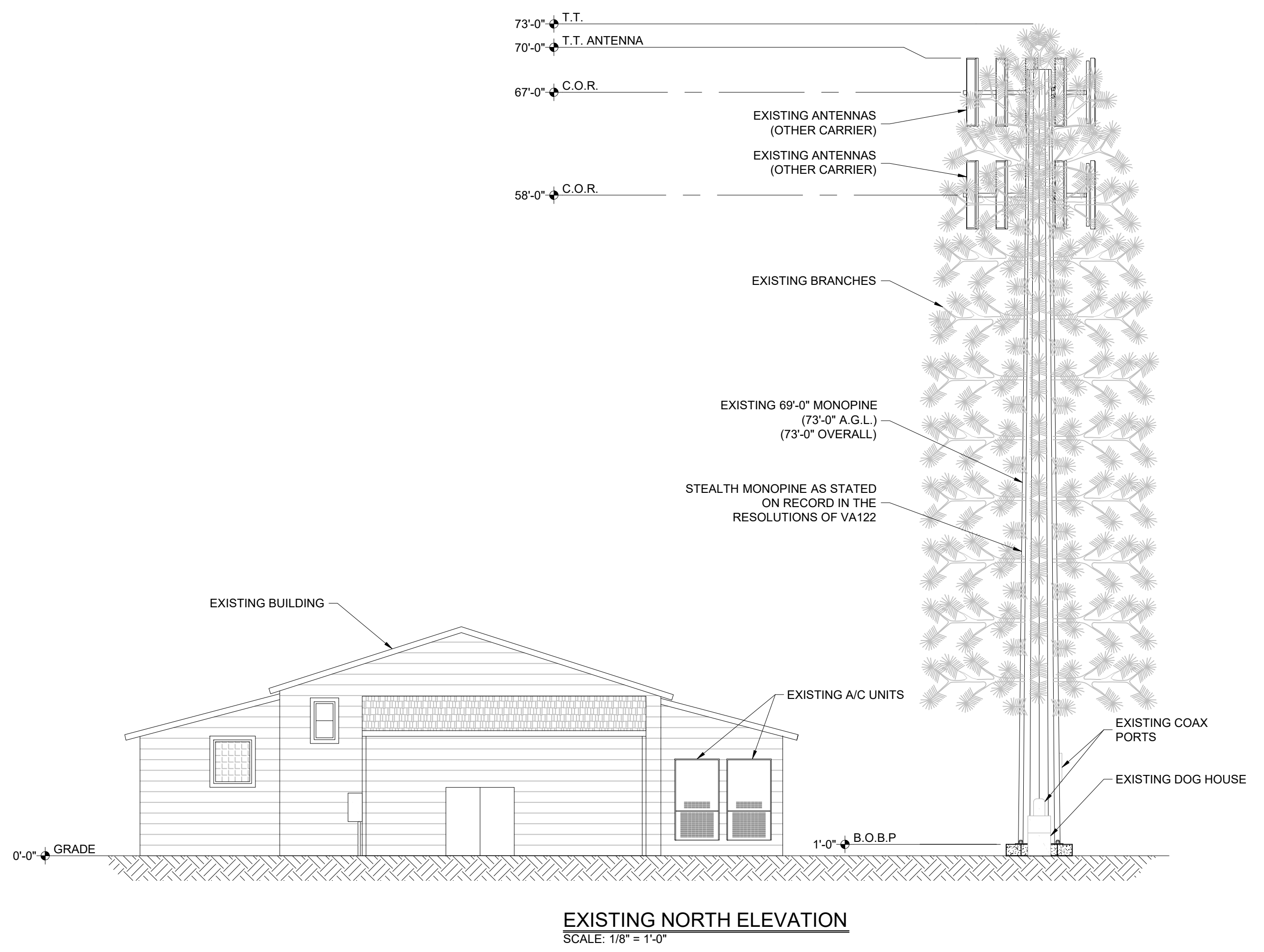
PRELIMINARY
NOT FOR CONSTRUCTION

EXISTING
 WALL HATCH
 NEW WORK/
 UTILITY EASEMENT
 ACCESS/UTILITY
 EASEMENT
 HYBRID CABLE/COAX
 DC POWER
 FIBER
 ANTENNAS
 RR/HBBU
 LEASE AREA
 EXISTING
 EASEMENT
 PENETRATIONS

KEY:

C.O.R. =	CENTER OF RADIATION
A.L. =	ATTACHMENT LEVEL
B.T. =	BOTTOM TIP LEVEL
T.T. =	TOP TIP LEVEL
A.G.L. =	ABOVE GRADE LEVEL
B.O.B.P. =	BOTTOM OF BASE PLATE

DISCLAIMER:
 ALL INFORMATION PERTAINING TO THE SUBJECT TOWER AND ANTENNA MOUNTS SHOWN ARE FOR DEPICTION PURPOSES ONLY. CONFIRMATION OF THE TOWER STRUCTURAL INTEGRITY IS BEYOND THE SCOPE OF THIS PROJECT. IN NO EVENT WILL J5 INFRASTRUCTURE PARTNERS BE LIABLE AND RESPONSIBLE FOR THE STRUCTURAL INTEGRITY AND ADEQUACY OF THE TOWER AND FOUNDATION WITHOUT FIRST REQUIRING STRUCTURAL ANALYSIS PRIOR TO THE INSTALLATION OF ANY NEW ANTENNAS, AND ALL RELEVANT APPURTENANCES.



PRELIMINARY
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DESIGNED FOR:

verizon
 3131 SOUTH VAUGHN WAY, SUITE 550
 AURORA, COLORADO 80014

DESIGNED BY:

J5 INFRASTRUCTURE PARTNERS
 AZ - CA - CO - ID - NM - NV - TX - UT

PROJECT NAME: CSP SCAREBROOK
 EXISTING 69'-0" MONOPINE
 (OVERALL HEIGHT: 73'-0" A.G.L.)
 COLLOCATION COMMUNICATION SITE

PROJECT ADDRESS: 17993 SIERRA WAY
 MONUMENT, COLORADO 80132
 EL PASO COUNTY

SHEET TITLE: ELEVATION

REV	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - NOT FOR CONSTRUCTION	10/30/18	DC	-

SAVE DATE: 10/30/2018 9:56 AM
 SHEET NUMBER: C3

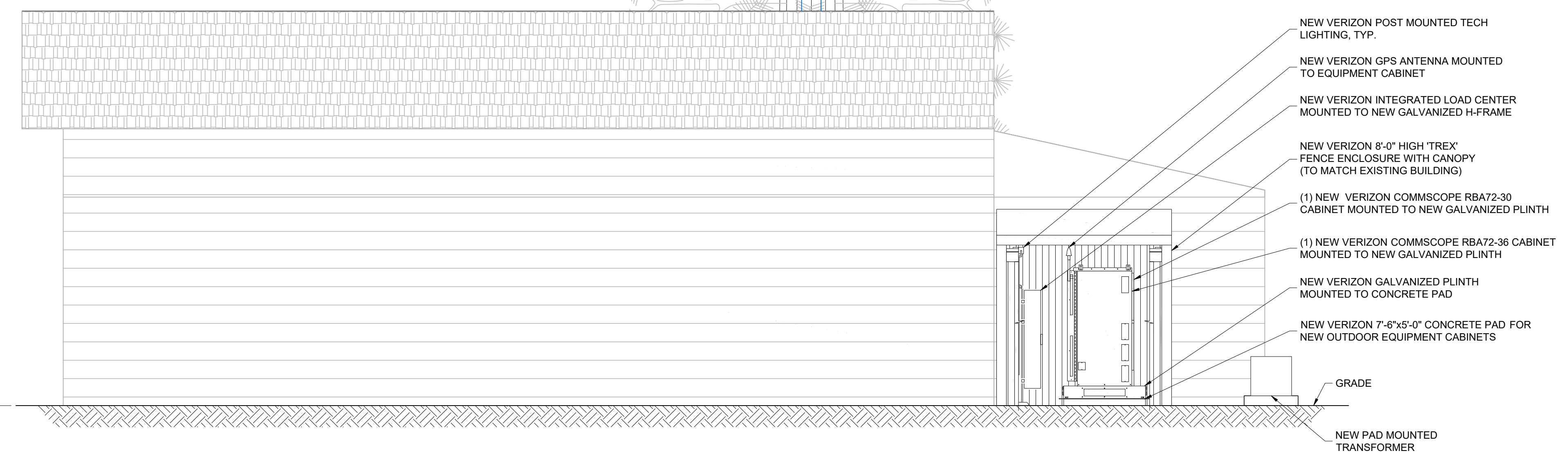
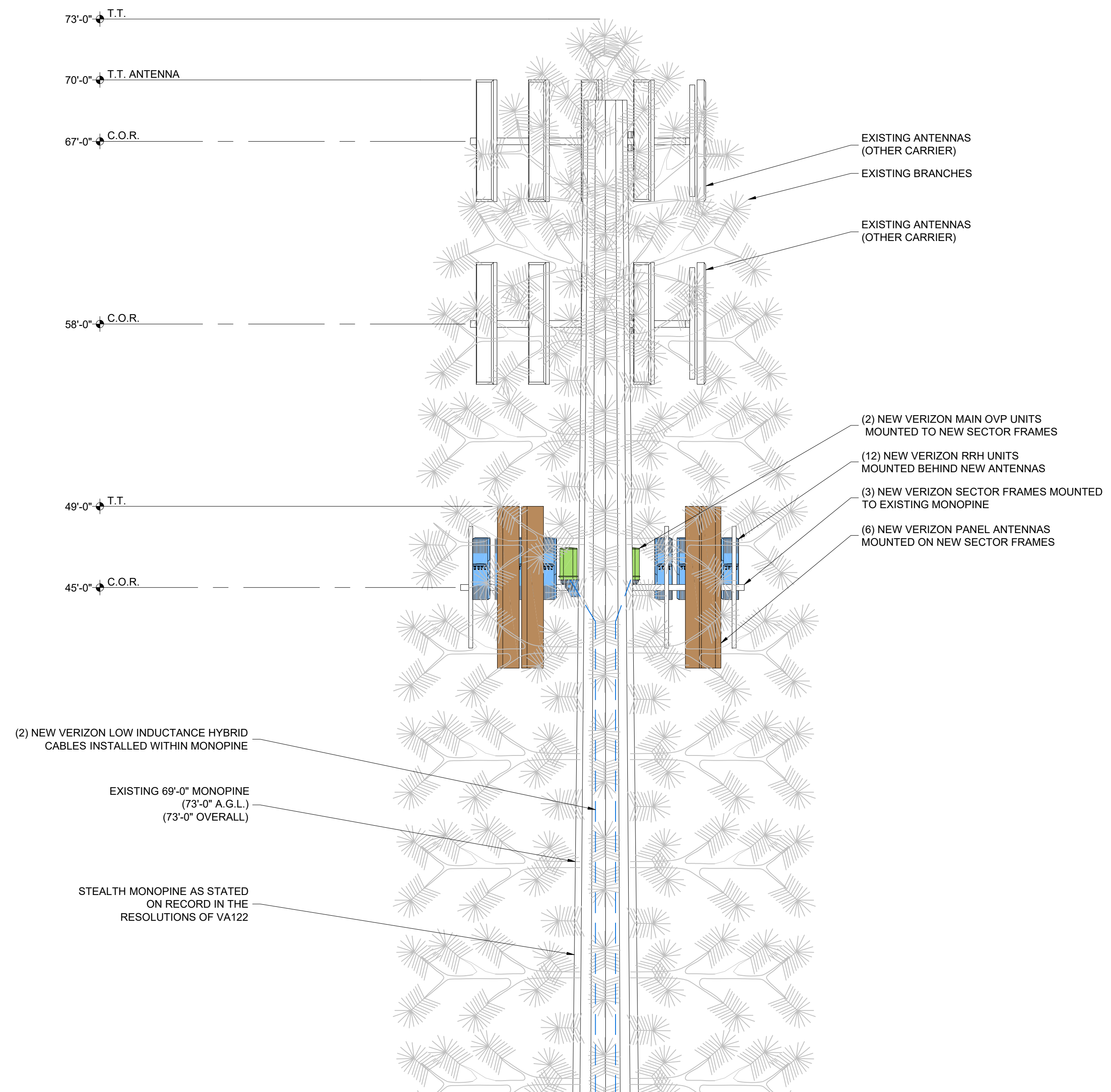
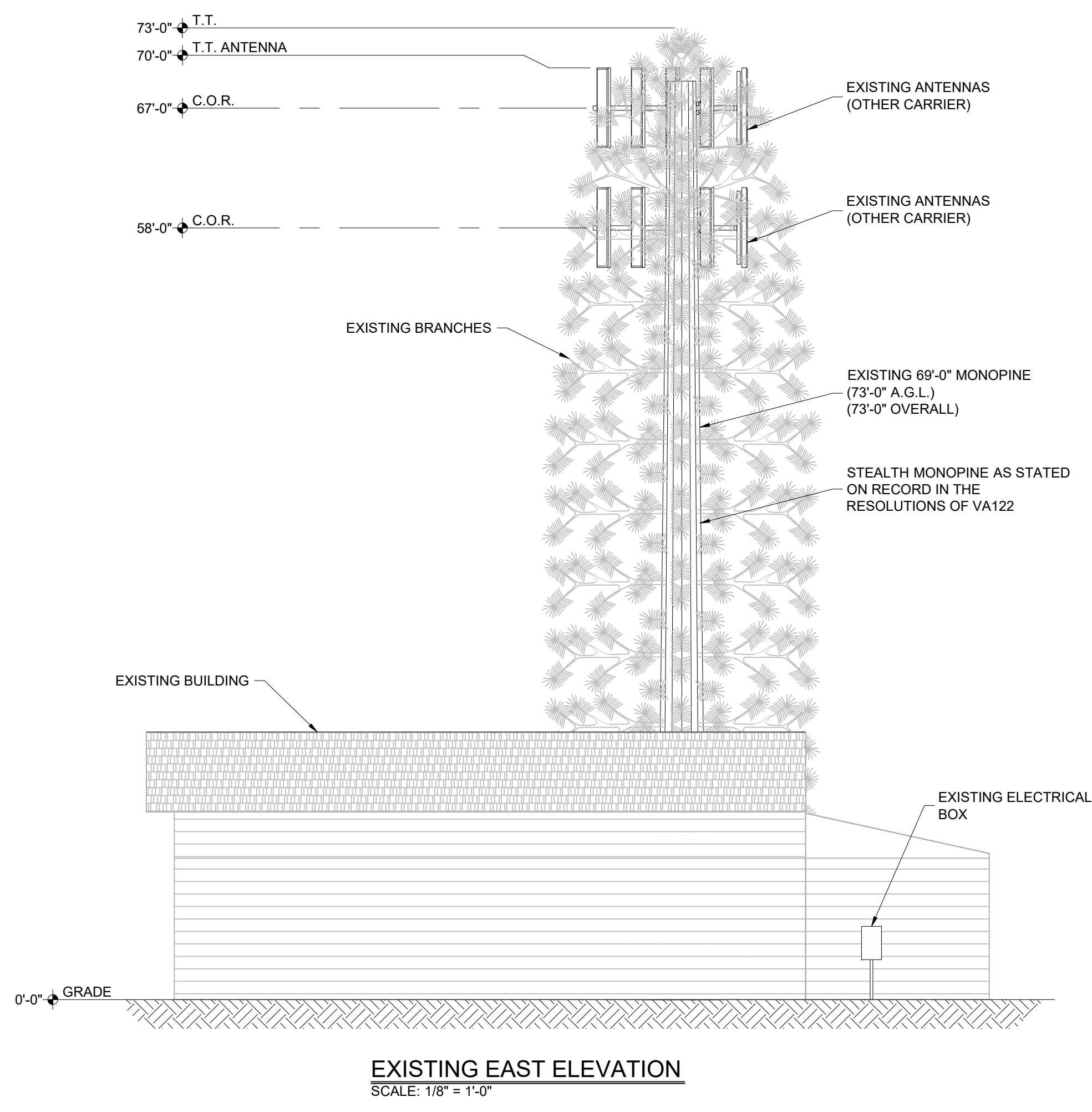
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EXISTING
WALL HATCH
NEW WORK/
UTILITY EASEMENT
ACCESS/UTILITY
EASEMENT
HYBRID CABLES/CAX
DC POWER
FIBER
ANTENNAS
RR/HBBU
LEASE AREA
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PENETRATIONS

KEY:

C.O.R. =	CENTER OF RADIATION
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DESIGNED FOR:

3131 SOUTH VAUGHN WAY, SUITE 550
AURORA, COLORADO 80014

DESIGNED BY:

AZ - CA - CO - ID - NM - NV - TX - UT

PROJECT NAME: **CSP SCAREBROOK EXISTING 69'-0" MONOPINE (OVERALL HEIGHT: 73'-0" A.G.L.) COLLOCATION COMMUNICATION SITE**

PROJECT ADDRESS: **17993 SIERRA WAY MONUMENT, COLORADO 80132 EL PASO COUNTY**

SHEET TITLE: **ELEVATION**

REV	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - NOT FOR CONSTRUCTION	10/30/18	DC	-

SAVE DATE: 10/30/2018 9:56 AM SHEET NUMBER: C4