

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

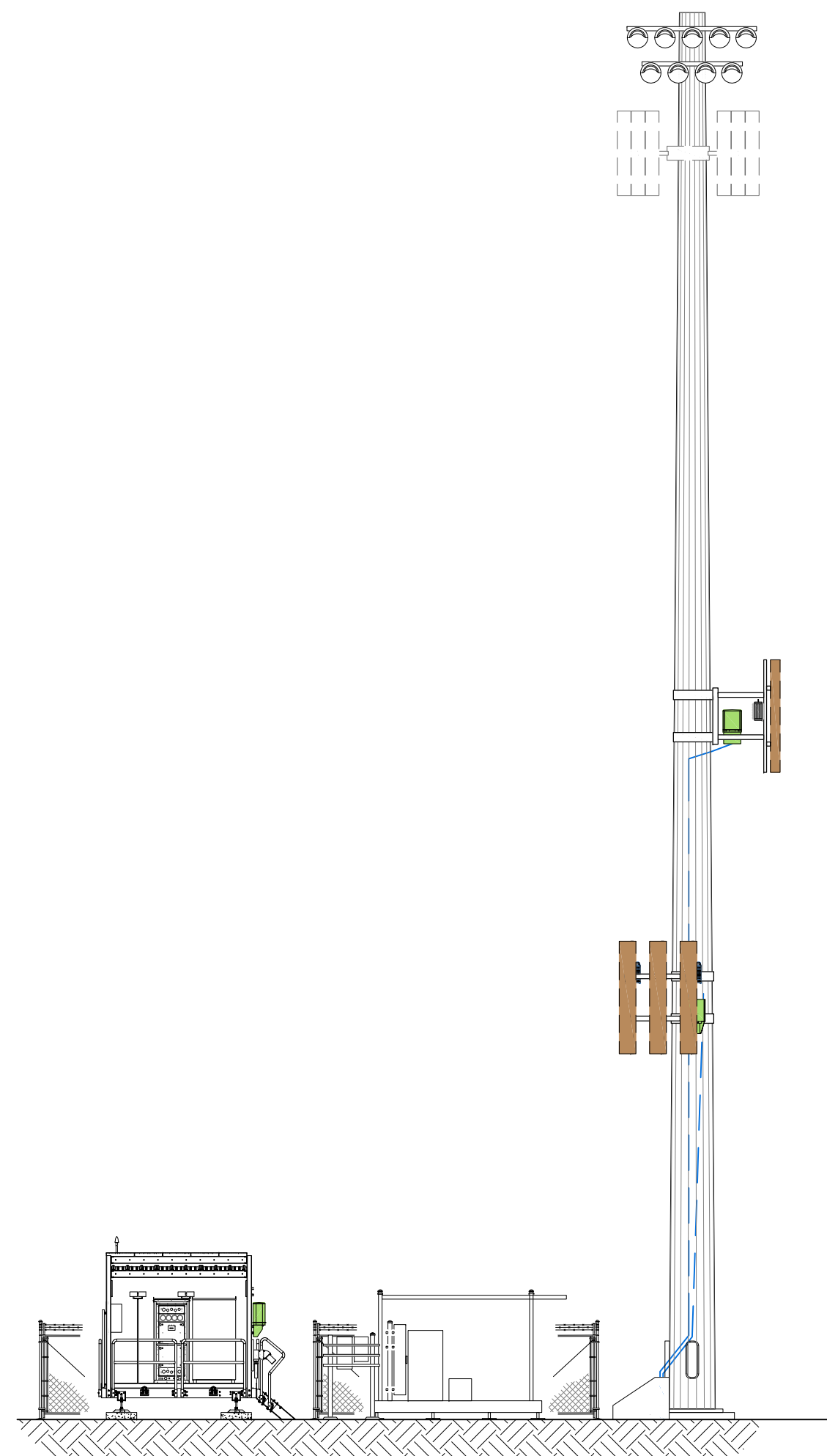


CSP JUDGE (ALT 2)

PROJECT NO. 20171579416
PUBLIC RECORD PARCEL NO. 5225300002

9673 TOWNER AVE.
PEYTON, COLORADO 80831
EL PASO COUNTY

EXISTING 99'-0" LIGHT POLE
(OVERALL HEIGHT: 100'-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	2012 NATIONAL ELECTRICAL CODE (NEC)

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

Approved
By: Len Kendall
Date: 12/27/2018
El Paso County Planning & Community Development

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PRELIMINARY FOR LEASING/ZONING

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PROJECT INDEX:	
APPLICANT/CLIENT:	REV.
VERIZON CONSTRUCTION DEPARTMENT 3131 VAUGHN WAY, SUITE 550 AURORA, COLORADO 80014	A
CONTACT: MARK WILSON PHONE: 303-905-9324 EMAIL: Mark.Wilson2@VerizonWireless.com	A
ENGINEERS/DESIGNERS: J5 INFRASTRUCTURE PARTNERS 8392 S CONTINENTAL DRIVE RD UNIT 101 LITTLETON, CO 80127	A
CONTACT: STEVE HAAG PHONE: 303-683-3194 EXT. 151	A
ZONING/SITE AQ: J5 INFRASTRUCTURE PARTNERS 8392 S CONTINENTAL DRIVE RD UNIT 101 LITTLETON, CO 80127	A
CONTACT: LANCE BLEYHL PHONE: 720-201-7385	A

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.

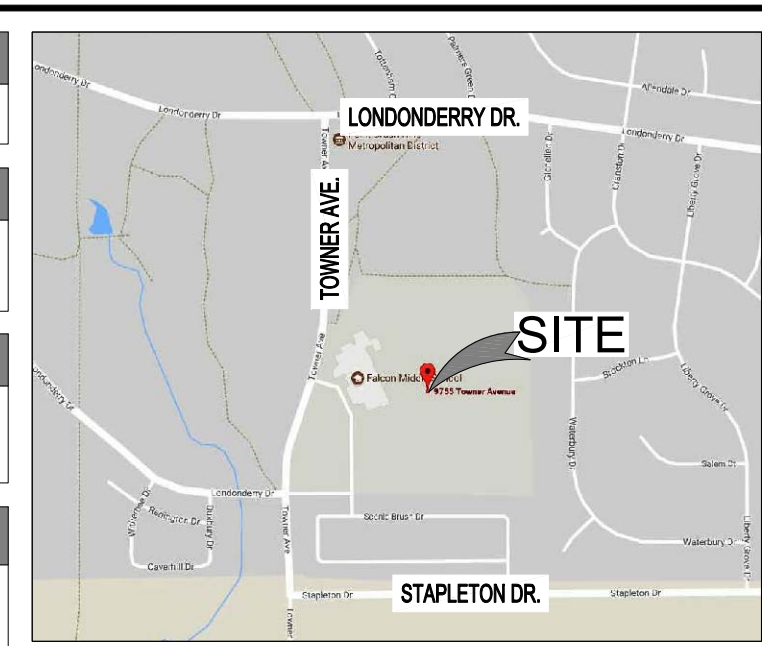
PROJECT INFORMATION:	
OWNER:	FALCON SCHOOL DIST 49 10850 E WOODMEN RD PEYTON, COLORADO 80831
TOWER OWNER:	CONTACT: MELISSA ANDREWS PHONE: 719-494-8997 VERTICAL BRIDGE HOLDINGS LLC 750 PARK OF COMMERCE DRIVE # 200 BOCA RATON, FLORIDA 33487
JURISDICTION:	CONTACT: TIFFANY MCCLURG PHONE: 206-719-1693 EL PASO COUNTY 2880 INTERNATIONAL CIRCLE, SUITE 100 COLORADO SPRINGS, COLORADO 80910
PUBLIC RECORD PARCEL NO.:	PIKES PEAK REGIONAL BUILDING DEPARTMENT CONTACT: MICHAEL REBENAR, PLANNER PHONE: 719-520-6442 5225300002

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:
ACQUIRE REFERENCE FROM SURVEY SHEET.

PROJECT DESCRIPTION:
THIS PROJECT CONSISTS OF THE FOLLOWING:
REMOVAL
• EXISTING STADIUM LIGHT POLE
INSTALLATION
• ONE (1) 100'-0" (A.G.L.) LIGHT POLE (DESIGNED BY VERTICAL BRIDGE)
• ONE (1) NEW MANUFACTURED GALVANIZED COMMSCOPE PLATFORM WITH CANOPY FOR EQUIPMENT CABINETS
• ONE (1) NEW COMMSCOPE RBA72-36 CABINET MOUNTED ON GALVANIZED COMMSCOPE PLATFORM WITH CANOPY
• ONE (1) NEW COMMSCOPE RBA72-30 CABINETS MOUNTED ON GALVANIZED COMMSCOPE PLATFORM WITH CANOPY
• FOUR (4) NEW MAIN OVP UNITS
• NINE (9) NEW PANEL ANTENNAS
• SIX (6) NEW RRH UNITS
• TWO (2) NEW LOW INDUCTANCE HYBRID CABLES
• THREE (3) NEW 4" PVC CONDUIT PIPES FOR CABLING
• ONE (1) NEW GENERATOR PLUG
• NEW GALVANIZED DOGHOUSE



DRIVING DIRECTIONS:
FROM THE VERIZON OFFICE LOCATED AT 3131 SOUTH VAUGHN WAY, AURORA, CO: HEAD SOUTHWEST ON S VAUGHN WAY. TURN LEFT ONTO DAM RD. KEEP RIGHT AT THE FORK. FOLLOW SIGNS FOR CO-83 S/PARKER RD AND MERGE ONTO CO-83 S/S PARKER RD. MERGE ONTO CO-83 S/S PARKER RD FOR 7.6 MI. CONTINUE STRAIGHT ONTO CO-83 S/S PARKER RD IN STATE HWY 83 FOR 36.1 MI. TURN LEFT ONTO HODGEN RD FOR 8.5 MI. TURN RIGHT ONTO MERIDIAN RD FOR 6.6 MI. TURN RIGHT ONTO LONDONDERRY DR. TURN LEFT ONTO TOWNER AVE. TURN LEFT AT STAPLETON DR N. SITE WILL BE WEST OF TRACK FIELD.

DESIGNED FOR:

3131 SOUTH VAUGHN WAY, SUITE 550
AURORA, COLORADO 80014

DESIGNED BY:

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

PROJECT NAME: CSP JUDGE (ALT 2)
EXISTING 99'-0" LIGHT POLE
(OVERALL HEIGHT: 100'-0" A.G.L.)
COLLOCATION COMMUNICATION SITE

PROJECT ADDRESS: 9673 TOWNER AVE.
PEYTON, COLORADO 80831
EL PASO COUNTY

SHEET TITLE: TITLE SHEET

REV.	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - NOT FOR CONSTRUCTION	11/09/18	CV	-

SAVE DATE: 11/19/2018 10:19 AM SHEET NUMBER: T1

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 SPEC.)

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).

MAIN OVP, SECTOR BOX, RRR, TMA, & DIPLEXER INSTALLATION NOTES:

- CONTRACTOR TO INSTALL MAIN OVP, SECTOR BOXES, REMOTE RADIO HEADS, TOWER MOUNTED AMPLIFIERS, AND/OR DIPLEXERS PER MANUFACTURER'S RECOMMENDATIONS.
- ALL BOLTS SHALL BE TIGHTENED PER AISC REQUIREMENTS.
- 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.

STRUCTURAL DESIGN CRITERIA:

ALL LOADS DERIVED FROM REQUIREMENTS OF INTERNATIONAL BUILDING CODE 2015, ASCE 7-10, "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_{ult} = 105 MPH
OCCUPANCY CAT. = II; EXPOSURE CAT. = C; IMPORTANCE FACTOR = 1.0
- SEISMIC LOADS: IBC 2015 §1613 & ASCE 7-10 §12.14 (SIMPLIFIED METHOD)
OCCUPANCY CAT. = II; SITE CLASS = D
V = F(S_{DS}W)
R
F = 1.0 (SINGLE-STORY), 1.1 (TWO STORY), 1.2 (THREE STORY)
S_{DS} = (2/3) S_{MS}
R = 1.5 (ORDINARY PLAIN CONCRETE SHEARWALLS),
6.5 (LIGHT-FRAMED WALLS W/ WOOD STRUCTURAL PANELS),
4.0 (ORDINARY REINFORCED CONCRETE SHEARWALLS)

COMMUNICATION STRUCTURES:

- WIND LOADS: IBC 2015 §1609, ASCE 7-10 §29.5 & ANSI TIA-222-G
V_{ult} = 120 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)/R (EQUIVALENT LATERAL FORCE PROCEDURE (METHOD 1))
R
V = S_{Saz}(W₂/R) (EQUIVALENT MODAL ANALYSIS PROCEDURE (METHOD 2))
R

FOUNDATION NOTES:

- THE CONTRACTOR SHALL READ THE GEOTECHNICAL REPORT (IF AVAILABLE) AND SHALL CONSULT THE GEOTECHNICAL ENGINEER AS NECESSARY PRIOR TO CONSTRUCTION.
- THE GEOTECHNICAL ENGINEER (OR INSPECTOR) SHALL INSPECT THE EXCAVATION PRIOR TO THE PLACEMENT OF CONCRETE AND SHALL PROVIDE A NOTICE OF INSPECTION FOR THE BUILDING INSPECTOR FOR REVIEW AND RECORDS PURPOSES.
- THE CONTRACTOR SHALL DETERMINE THE MEANS AND METHODS NECESSARY TO SUPPORT THE EXCAVATION DURING CONSTRUCTION.
- REBAR AT BOTTOM OF FOUNDATIONS SHALL BE BONDED TO SITE GROUNDING SYSTEM (WHEN APPLICABLE). SEE ADDITIONAL DETAILS ON GROUNDING SITE PLAN.
- ALL FOOTINGS TO BE PLACED ON FIRM, UNDISTURBED, INORGANIC MATERIAL. PROOF ROLL SUB-GRADE PRIOR TO PLACING CONCRETE WHERE THE MATERIAL HAS BEEN DISTURBED BY EQUIPMENT. UNACCEPTABLE/DISTURBED MATERIAL SHALL BE OVER-EXCAVATED AND REPLACED WITH "LEAN CONCRETE FILL".
- STRUCTURAL BACKFILL SHALL BE GRANULAR FREE-DRAINING MATERIAL FREE OF DEBRIS, ORGANICS, REFUSE AND OTHERWISE DELETERIOUS MATERIALS. MATERIAL SHALL BE PLACED IN LIFTS NO GREATER THAN 6" IN DEPTH AND COMPACTED TO 95% OF MAXIMUM DENSITY AS DETERMINED PER ASTM D1557 (MODIFIED PROCTOR).

STEEL NOTES:

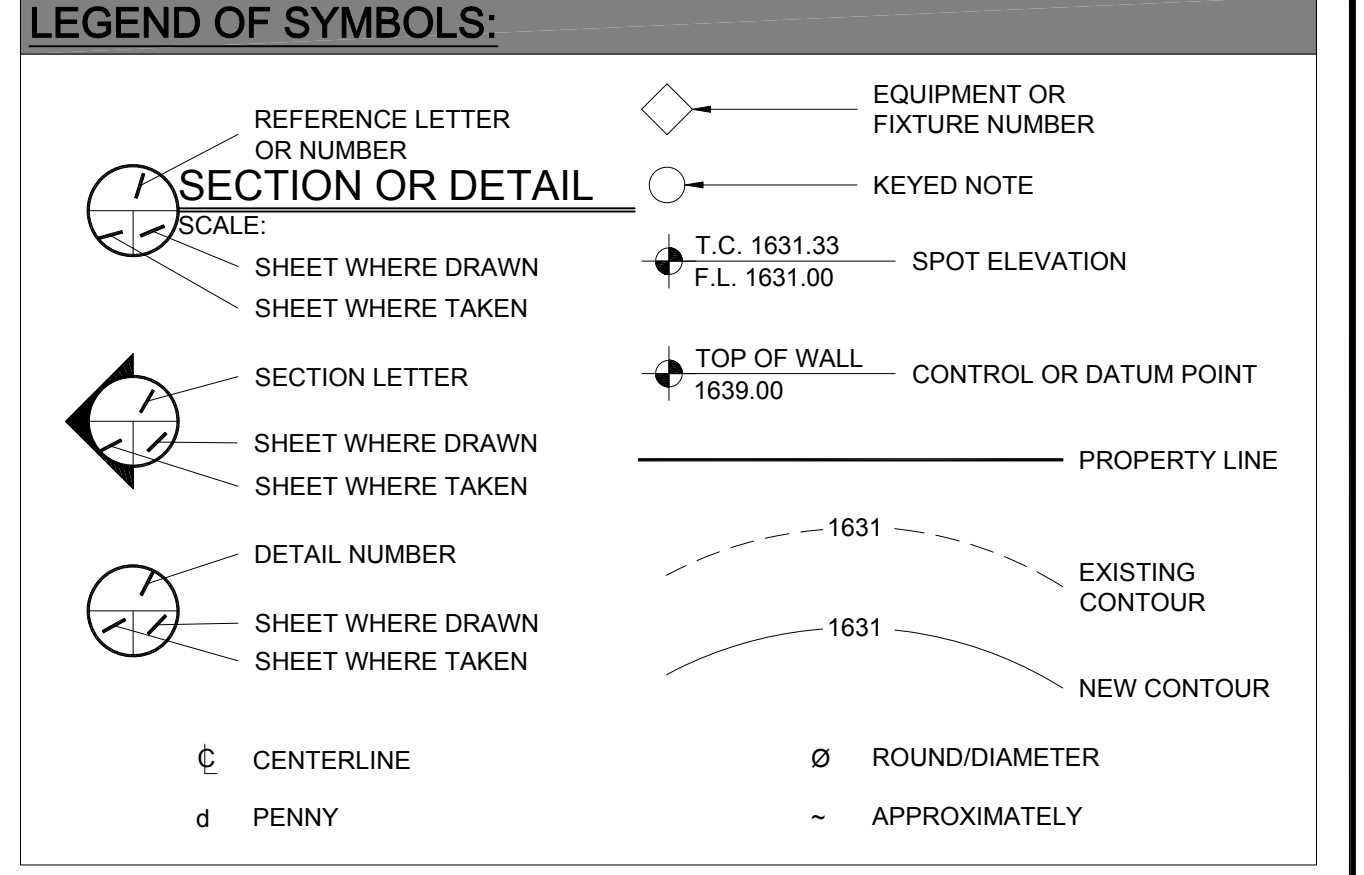
- ALL STEEL SHALL BE GALVANIZED PER ASTM A123 & CONFORM TO THE FOLLOWING MINIMUM SPECS:
HSS SHAPES (TUBE) ASTM A500, GR. B (46 KSI)
HSS SHAPES (ROUND) ASTM A500, GR. B (42 KSI)
W-SHAPES ASTM A992, (50 KSI)
CHANNELS, ANGLES & PLATES ASTM A36
- ALL BOLTS SHALL BE GALVANIZED PER ASTM A153 AND CONFORM TO ASTM A325 U.N.O. ALL BOLTED CONNECTIONS SHALL BE EQUIPPED WITH AN APPROVED NUT-LOCKING DEVICE.
- ALL WELDING WORK SHALL CONFORM TO THE AWS D1.1 STRUCTURAL WELDING CODE. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS ONLY. WELDING ELECTRODES SHALL BE E70XX.
- ALL DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO AISC SPECS AND CODES, LATEST EDITION.
- AT HIS OWN DISCRETION, THE CONTRACTOR MAY SUBMIT DETAILED, ENGINEERED, COORDINATED AND CHECKED SHOP DRAWINGS FOR ALL STRUCTURAL STEEL TO THE ENGINEER OF RECORD TO REVIEW FOR COMPLIANCE WITH DESIGN INTENT PRIOR TO THE START OF FABRICATION AND/OR ERECTION. J5 INFRASTRUCTURE PARTNERS IS ABSOLVED OF ALL LIABILITY ASSOCIATED WITH THE MISINTERPRETATION OF THE CONSTRUCTION DOCUMENTS IF CONTRACTOR CHOOSES NOT TO SUBMIT SHOP DRAWINGS.
- TORCH-CUTTING OF ANY KIND SHALL NOT BE PERMITTED.
- ALL BOLTS SHALL BE TIGHTENED TO AISC SNUG TIGHT REQUIREMENTS. THE SNUG TIGHT CONDITION IS DEFINED AS THE TIGHTNESS THAT EXISTS WHEN ALL PLIES IN A JOINT ARE IN FIRM CONTACT. THIS MAY BE ATTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF A MAN USING AN ORDINARY SPUD WRENCH.

CONCRETE NOTES:

- ALL CONCRETE SHALL BE IN ACCORDANCE WITH CHAPTER 19 OF THE IBC & ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE", LATEST EDITION & HAVE THE FOLLOWING PROPERTIES:
A. MINIMUM 28-DAY COMPRESSIVE STRENGTH (f_c) OF 4,000 PSI.
B. CEMENT SHALL BE "LOW-ALKALI" TYPE IIA (MODERATE SULFATE RESISTANCE, AIR ENTRAINING) CONFORMING TO ASTM C150.
C. MAXIMUM WATER/CEMENT RATIO OF 0.45 AND AIR-ENTRAINED 4% TO 7%.
D. CONCRETE PROPORTIONING SHALL BE DESIGNED BY AN APPROVED LABORATORY. TOLERANCES IN ACCORDANCE WITH ACI 117. COPIES OF CONCRETE MIX SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO PLACEMENT.
E. ALL AGGREGATE USED IN CONCRETE SHALL CONFORM TO ASTM C33. USE ONLY AGGREGATES KNOWN NOT TO CAUSE EXCESSIVE SHRINKAGE. MAXIMUM AGGREGATE SIZE TO BE 1 1/2".
F. MAXIMUM SLUMP: 3" (FOUNDATION, FOOTING, SLAB), 4" (WALL, COLUMN, BEAM)
- FORMWORK FOR CONCRETE SHALL CONFORM TO ACI 347. TOLERANCES FOR FINISHED CONCRETE SURFACES SHALL MEET CLASS-C REQUIREMENTS. IN NO CASE SHALL FINISHED CONCRETE SURFACES EXCEED THE FOLLOWING VALUES AS MEASURED FROM NEAT PLAN LINES AND FINISHED GRADES: ± 1/4" VERTICAL, ± 1" HORIZONTAL.
- CHAMFER ALL EXPOSED CORNERS AND FILLET ENTRANT ANGLES 3/4" U.N.O.
- CONCRETE FINISHING:
A. FLOORS: CONCRETE FLOOR SLABS SHALL BE FINISHED IN ACCORDANCE WITH ACI 302.1 CHAPTER 8 AND PROVIDE CLASS 4 FINISH U.N.O. PROVIDE NON-SLIP FINISH FOR EXTERIOR SURFACES.
B. OTHER SURFACES: CONCRETE SURFACES SHALL BE FINISHED IN ACCORDANCE WITH ACI 301 SECTIONS 5.3, 6.3, AND 7.3. PROVIDE ROUGH FINISH FOR ALL SURFACES NOT EXPOSED TO VIEW AND SMOOTH FINISH FOR ALL OTHERS, U.N.O.
- A MINIMUM OF ONE (1) SET OF CONCRETE CYLINDERS SHALL BE TAKEN (IF REQUIRED BY SPECIAL INSPECTIONS ON SHEET IN1). EACH SET SHALL CONSIST OF THREE (3) CYLINDERS. ONE (1) SHALL BE TESTED AT 7 DAYS. TWO (2) SHALL BE TESTED AT 28 DAYS. ALL CYLINDERS SHALL BE TAKEN, PREPARED AND TESTED BY A TESTING LAB IN ACCORDANCE WITH ASTM C172, C31 AND C39.

REINFORCING STEEL NOTES:

- ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615. VERTICAL/HORIZONTAL BARS SHALL BE GRADE 60; TIES OR STIRRUPS SHALL BE A MINIMUM OF GRADE 40. ALL REINFORCING STEEL SHALL HAVE 3" (± 3/8") OF CONCRETE COVER, U.N.O.
- ALL BAR BENDS, HOOKS, SPLICES AND OTHER REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ACI 318.
- ALL BARS SHALL BE SPLICED WITH A MINIMUM LAP OF 48 BAR DIAMETERS. LAP SPLICES OF DEFORMED BARS IN TENSION ZONES SHALL BE CLASS-B SPLICES. WELDING OF BARS IS NOT PERMITTED.
- AT ALL CORNERS AND WALL INTERSECTIONS, PROVIDE BENT HORIZONTAL BARS TO MATCH THE HORIZONTAL REINFORCING STEEL.
- PROVIDE VERTICAL DOWELS IN FOOTINGS AND AT CONSTRUCTION JOINTS TO MATCH VERTICAL REINFORCING BAR SIZE AND SPACING.
- ACI-APPROVED PLASTIC-COATED BAR CHAIRS OR PRECAST CONCRETE BLOCKS SHALL BE PROVIDED FOR SUPPORT OF ALL GRADE-CAST REINFORCING STEEL & SHALL BE SUFFICIENT IN NUMBER TO PREVENT SAGGING. METAL CLIPS OR SUPPORTS SHALL NOT BE PLACED IN CONTACT WITH THE FORMS OR THE SUB-GRADE.
- DOWELS AND ANCHOR BOLTS SHALL BE WIRED OR OTHERWISE HELD IN CORRECT POSITION PRIOR TO PLACING CONCRETE. IN NO CASE SHALL DOWELS OR ANCHOR BOLTS BE "STABBED" INTO FRESHLY-POURED CONCRETE.



PROPOSED WORK COLOR LEGEND

HYBRID & COAX CABLES	[Blue]
DC POWER	[Green]
FIBER	[Orange]
ANTENNAS	[Red]
PENETRATIONS	[Purple]
RRH/BBU	[Light Blue]
EXISTING EASEMENT	[Light Green]
LEASE AREA	[Light Purple]
ACCESS/UTILITY EASEMENT	[Light Orange]
NEW WORK/UTILITY EASEMENT	[Light Yellow]
WALL HATCH	[Light Green]
EXISTING	[Light Blue]

PRELIMINARY
FOR LEASING/ZONING



VIEW OF EXISTING STADIUM LIGHT POLE
(LOOKING SOUTHEAST)



VIEW OF NEW LEASE AREA
(AERIAL VIEW)

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^v

3131 SOUTH VAUGHN WAY, SUITE 550
AURORA, COLORADO 80014

DESIGNED BY:

J5 INFRASTRUCTURE PARTNERS

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

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SHEET TITLE:

SPECIFICATION & PHOTO SHEET

REV	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - NOT FOR CONSTRUCTION	11/09/18	CV	-

SAVE DATE: 11/19/2018 10:19 AM

SHEET NUMBER: SP1

TOPOGRAPHIC SURVEY
VERTICAL BRIDGE SITE NO. US-CO-5054
SITUATED IN THE SOUTHWEST QUARTER OF SECTION 25,
TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE 6TH P.M, COUNTY OF EL PASO, STATE OF COLORADO

SURVEYOR'S CERTIFICATE

I hereby certify to: Vertical Bridge REIT, LLC, a Delaware limited liability company, its subsidiaries, and their respective successors and/or assigns; Toronto Dominion (Texas) LLC, as Administrative Agent, for itself and on behalf of the lenders parties from time to time to that certain Second Amended and Restated Loan Agreement dated June 17, 2016 with Vertical Bridge Holdco, LLC, as borrower, and Vertical Bridge Holdco Parent, LLC, as parent, as may be amended, restated, modified or renewed, their successors and assigns as their interests may appear; and Fidelity National Title Insurance Company

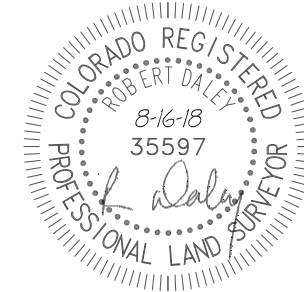
I do hereby certify, that on August 2, 2016, a topographic survey was conducted under my supervision using the normal standard of care of Professional Land Surveyors and the map hereon accurately represents said survey, to the best of my knowledge.

This drawing does not represent a Land Survey, Land Survey Plat, Improvement Land Survey Plat or Improvement Location Certificate and any monuments or boundary lines shown are for information only and are not to be relied on.

This survey relied upon Fidelity National Title Insurance Company Commitment No.: 23253588 for legal descriptions and easements.

This survey does not constitute a title search by this surveyor or Daley Land Surveying, Inc. of the property shown and described hereon to determine:

1. Ownership of this tract of land.
2. Rights-of-way, easements and encumbrances recorded or unrecorded affecting this tract of land.
3. Compatibility of this description with those of adjacent tracts of land.



Job No. 1606-004
 For and on behalf of
 Daley Land Surveying, Inc.
 17011 Lincoln Ave., #361
 Parker CO, 80134
 303 953 9841
 Robert Daley, PLS 35597

BASIS OF BEARINGS:
 The bearings shown on this survey are referenced to the south line of the Southwest Quarter of Section 25, Township 12 South, Range 65 West, assumed to bear South 89°04'37" West, a distance of 2627.51 feet, monumented as shown hereon.

COORDINATE SYSTEM AND DATUM:
 Horizontal coordinates are referenced to NAD83, Vertical datum is NAVD88 and originates from the local C.O.R.S. network, utilizing the Geoid12A model.

UTILITIES:
 The utilities which are readily visible upon the ground, such as manholes, power and light poles, inlets, etc. were located by field surveys and shown hereon. Sub-surface utilities, if shown, are the result of field surveys of utility location marks provided by others.

FLOOD ZONE:
 Zone X, Areas determined to be outside the 500 year floodplain per FEMA Flood Insurance Rate Map 08041C0575F, Panel 575 of 1300, Map Revision date of March 17, 1997.

- SURVEYOR'S NOTES:**
1. Based upon this survey there does not appear to be any visible encroachments affecting the Lease Area, Access and Utility Easements or Utility Easement.
 2. The Access and Utility Easement described on this survey was calculated to intersect the west line and the south line of the Parent Tract, also being the east right of way of Towner Avenue, A Public Road and the north line of Londonberry Drive, A Public Road.
 3. The Lease Area, Access and Utility Easements and Utility Easement appear to lie entirely within the Parent Parcel.

NOTICE:
 According to Colorado law you must commence any legal action based upon any defect in this survey within three years after you first discover such defect. In no event, may any action based upon any defect in this survey be commenced more than ten years from the date of the certification shown hereon.

LEGAL DESCRIPTION PARENT TRACT:
 Per Commitment No. 23253588 Effective Date: February 8, 2018 at 8:00 am, Fidelity National Title Insurance Company.

The land referred to in Schedule A is situated in the County of El Paso, State of Colorado and is described as follows:

An interest in land, said interest being over a portion of the following described parent parcel:

The following Real Property situate in the County of El Paso and State of Colorado, to-wit:

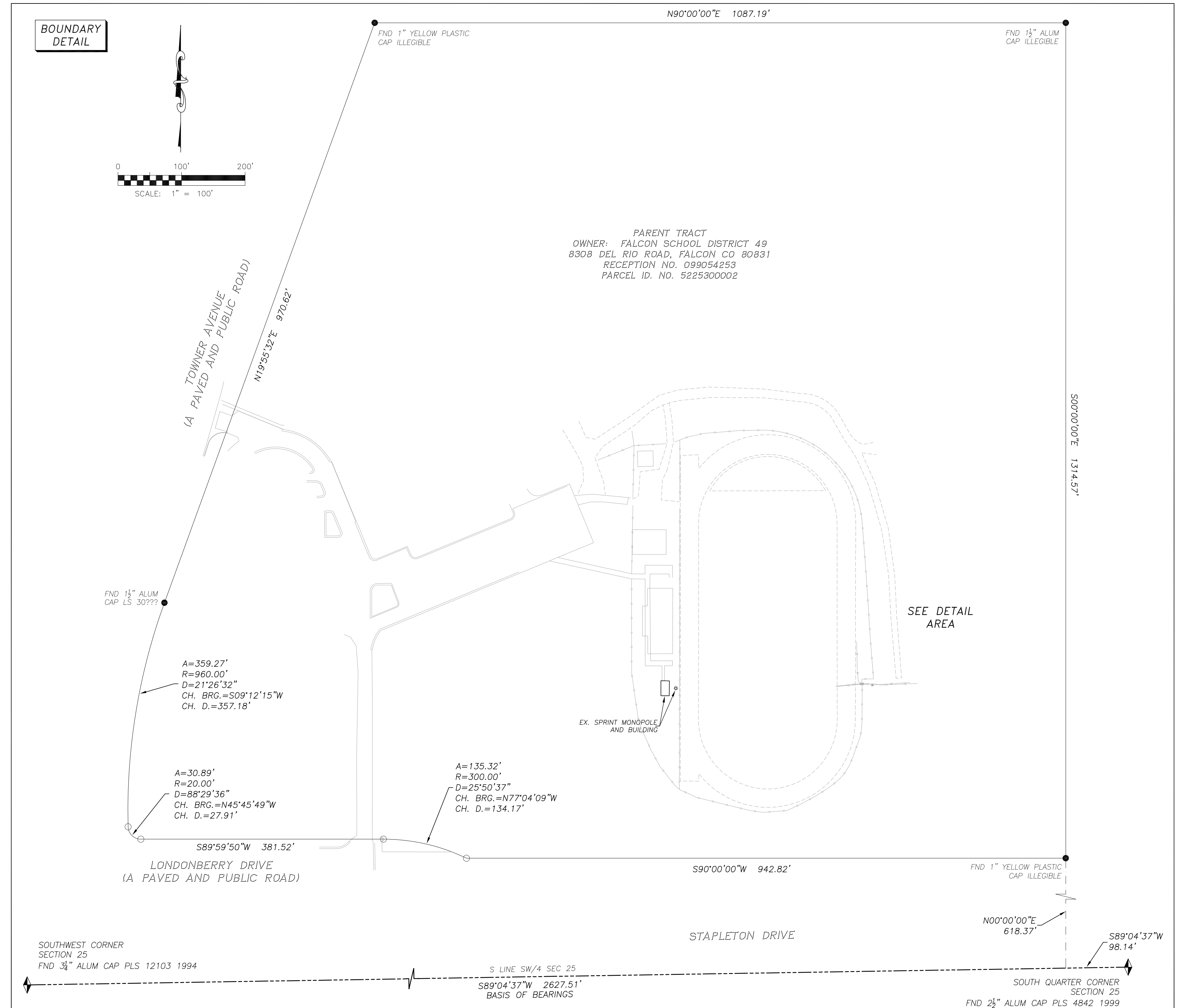
That portion of the Southwest Quarter of Section 25, in Township 12 South, Range 65 West of the 6th P.M.; Beginning at a point in said Southwest Quarter which point lies North 78°05'25" West, said bearing and all others in this description are on the Colorado Coordinate System - Central Zone, a distance of 2,785.22 feet from the Southeast corner of Section 25; thence South 90° West, a distance of 1,563.72 feet; thence North 19°55'32" East, a distance of 1,398.28 feet; thence North 90° East, a distance of 1,087.19 feet; thence South 00° East, a distance of 1,314.57 feet to the point of beginning and containing 40.0 acres more or less.

LESS AND EXCEPT that portion of property conveyed to El Paso County, an Colorado organized County from El Paso School District No. 49, F/K/A Consolidated School District No. 49 by Correction Deed dated July 11, 2003 and recorded July 14, 2003 in Instrument No. 203160367.

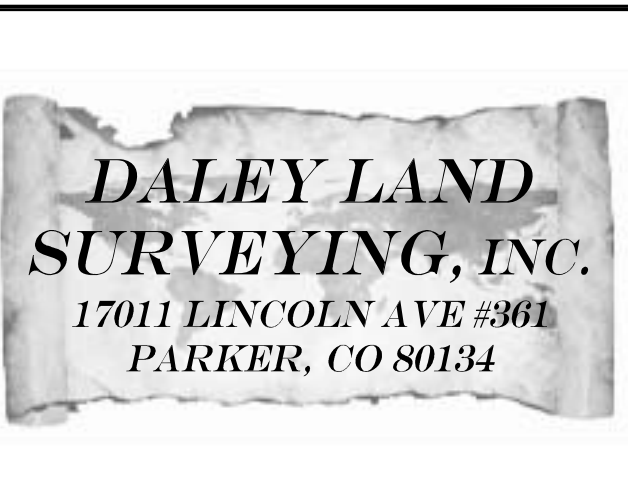
AND BEING a portion of the same property conveyed to Consolidated School District No. 49 from Latigo Ranch, a limited partnership by Warranty Deed dated February 06, 1975 and recorded February 11, 1975 in Deed Book 2732, Page 860.

EXCEPTIONS LISTED IN TITLE COMMITMENT:

1. Defects, liens, encumbrances, adverse claims or other matters, if any, created, first appearing in the public records or attaching subsequent to the effective date hereof but prior to the date the proposed insured acquires for value of record the estate or interest or mortgage thereon covered by this Commitment. **Affects Parcel, Lease Area, Access and Utility Easements - Not survey related**
2. Rights or claims of parties in possession not shown by the public records. **Affects Parcel, Lease Area, Access and Utility Easements - Not survey related**
3. Easements, or claims of easements, not shown by the public records. **Affects Parcel, Lease Area, Access and Utility Easements - Not survey related**
4. Any lien, or right to a lien, for services, labor, or material heretofore or hereafter furnished, imposed by law and not shown by the public records. **Affects Parcel, Lease Area, Access and Utility Easements - Not survey related**
5. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title that would be disclosed by an accurate and complete land survey of the Land. **Affects Parcel, Lease Area, Access and Utility Easements, if any shown**
6. Taxes and special assessments which are not shown as existing liens by the public records. **Affects Parcel, Lease Area, Access and Utility Easements, - Not survey related**
7. The property insured herein is now listed as tax-exempt for the year 2017. This policy is subject to all taxes which may be hereafter levied against said property. **Affects Parcel, Lease Area, Access and Utility Easements - Not survey related**
8. Grant of Right of Way in favor of Mountain View Electric Association, Inc., a Colorado corporation, set forth in instrument recorded on 08/13/2003 in Instrument No. 203186825. **Affects Parcel, Lease Area, Access and Utility Easements - Not plottable based on description provided in the document**
9. Terms and conditions of Memorandum of Agreement dated 08/19/2005 by and between Falcon School District 49, and Sprint Spectrum L.P., a Delaware limited partnership, recorded on 10/31/2005 in Instrument No. 205173303. **Does not appear to affect Lease Area, Access and Utility Easements - Not plottable or blanket in nature based on description provided in the document (Sprint Facilities shown are from the field location and observation of existing structures)**
10. Grant of Right of Way in favor of Mountain View Electric Association, Inc., a Colorado corporation, set forth in instrument recorded on 03/02/2006 in Instrument No. 206031552. **Appears to affect Parcel, Lease Area, Access and Utility Easements - Not plottable or blanket in nature based on description provided in the document**
11. Terms and conditions of Site and Improvement Lease dated 02/25/2015 by and between Falcon School District No. 49, and Zions First National Bank, solely in its capacity as Trustee under the Indenture, recorded on 02/25/2015 in Instrument No. 215017452; Lease Purchase Agreement dated 02/25/2015 by and between Zions First National Bank, solely in its capacity as Trustee under the Indenture identified herein, and Falcon School District No. 49, recorded on 02/25/2015 in Instrument No. 215017453. **Appears to affect Parcel, Lease Area, Access and Utility Easements - Blanket in nature**



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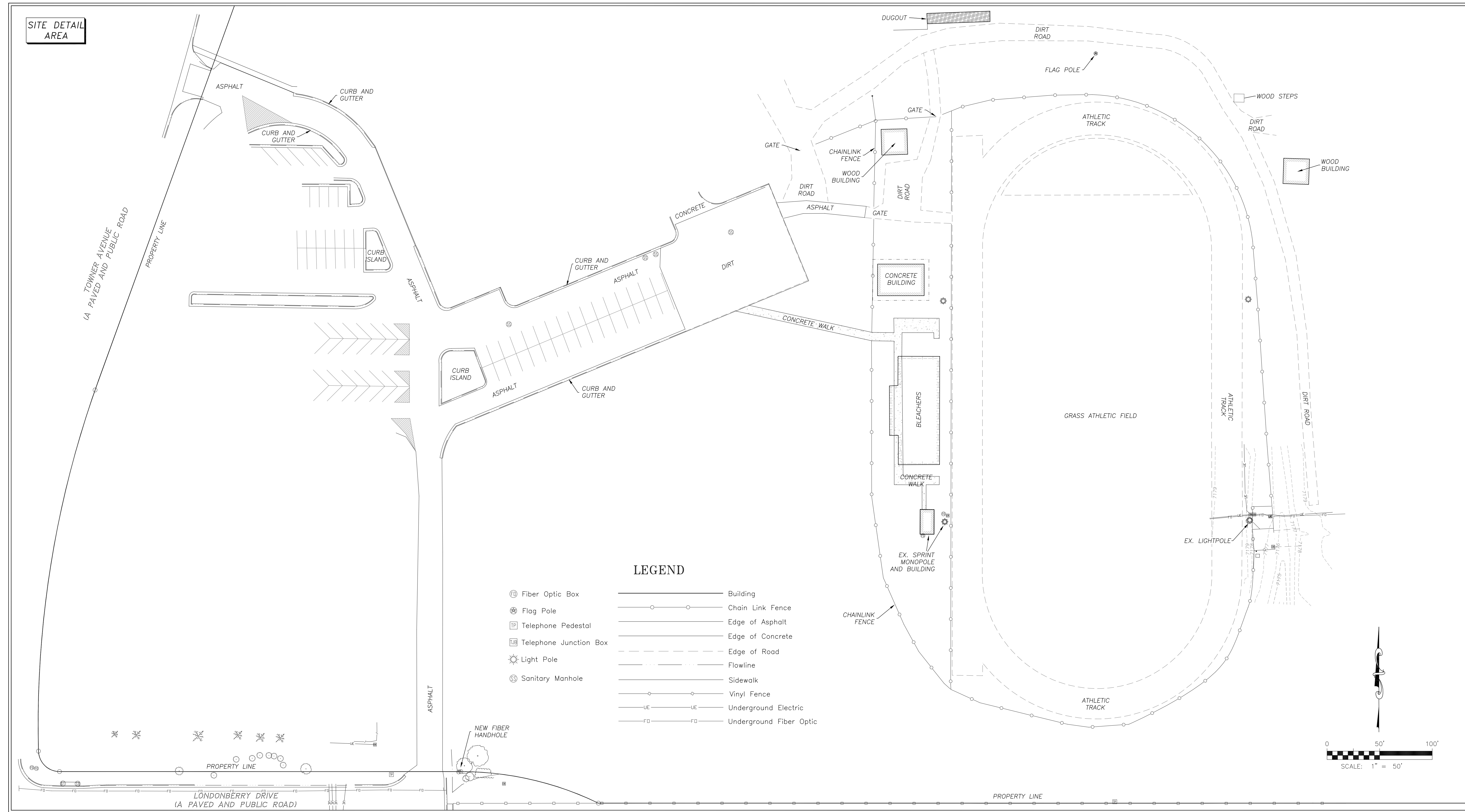


Rev:	Date:	Description:	By:
1	8/8/16	Survey	AV
2	8/15/16	Easements/Lease	AV
3	10/7/17	Add Label	RD
4	10/26/17	Address Change	RD
5	4/18/18	Rev. Title	AV
6	8/16/18	Add Utility Easement	RD

PROJECT INFORMATION:		
SITE NAME:	FALCON MIDDLE SCHOOL	
SITE ADDRESS:	9755 TOWNER AVENUE PEYTON, COLORADO 80831	
VERTICAL BRIDGE SITE NUMBER: US-CO-5054		
DRAWN BY:	CHK BY:	APV BY:
AV	RD	RD

LAND SURVEY
 Sheet Number:
LS1

TOPOGRAPHIC SURVEY
VERTICAL BRIDGE SITE NO. US-CO-5054
 SITUATED IN THE SOUTHWEST QUARTER OF SECTION 25,
 TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE 6TH P.M.
 COUNTY OF EL PASO, STATE OF COLORADO

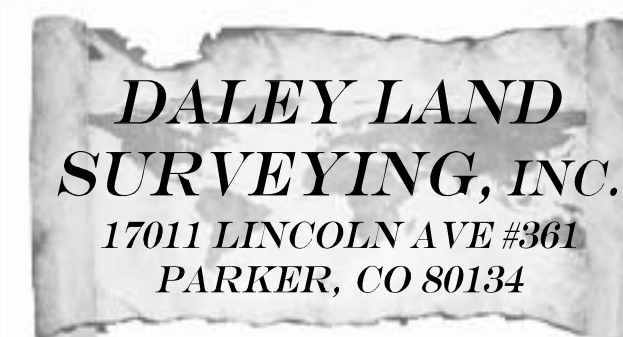


LEGEND

- | | | | |
|---|------------------------|---------|-------------------------|
| Ⓜ | Fiber Optic Box | — | Building |
| ⊛ | Flag Pole | —○—○— | Chain Link Fence |
| Ⓜ | Telephone Pedestal | — | Edge of Asphalt |
| Ⓜ | Telephone Junction Box | — | Edge of Concrete |
| ⊙ | Light Pole | — | Edge of Road |
| Ⓜ | Sanitary Manhole | — | Flowline |
| | | — | Sidewalk |
| | | —○—○— | Vinyl Fence |
| | | —UE—UE— | Underground Electric |
| | | —FO—FO— | Underground Fiber Optic |



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Rev:	Date:	Description:	By:
1	8/8/16	Survey	AV
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3	10/7/17	Add Label	RD
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PROJECT INFORMATION:

SITE NAME: FALCON MIDDLE SCHOOL
 SITE ADDRESS: 9755 TOWNER AVENUE
 PEYTON, COLORADO 80831
 VERTICAL BRIDGE SITE NUMBER: US-CO-5054

DRAWN BY:	CHK BY:	APV BY:
AV	RD	RD

LAND SURVEY

Sheet Number:

LS2

TOPOGRAPHIC SURVEY
VERTICAL BRIDGE SITE NO. US-CO-5054
 SITUATED IN THE SOUTHWEST QUARTER OF SECTION 25,
 TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE 6TH P.M.
 COUNTY OF EL PASO, STATE OF COLORADO

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	12.50'	20.75'	18.45'	N42°48'02"E	95°07'30"
C2	52.50'	48.04'	46.38'	N57°18'21"W	52°25'40"
C3	2.50'	3.97'	3.57'	S39°00'43"W	91°05'41"
C4	57.50'	21.99'	21.86'	S04°25'22"W	21°54'57"
C5	47.50'	66.63'	61.30'	S55°33'51"W	80°22'02"
C6	35.00'	32.35'	31.21'	S69°16'04"W	52°57'37"
C7	12.50'	14.77'	13.93'	S33°51'05"W	67°42'11"
C8	27.50'	32.50'	30.64'	N33°51'05"E	67°42'11"
C9	167.32'	5.01'	5.01'	S67°26'15"W	1°42'52"
C10	52.50'	82.54'	74.30'	N67°31'28"W	90°04'34"
C11	167.32'	5.01'	5.01'	N22°29'11"W	1°42'52"
C12	92.50'	81.57'	78.96'	N47°45'01"W	50°31'41"
C13	107.50'	94.80'	91.76'	S47°45'01"E	50°31'41"
C14	122.25'	5.01'	5.01'	S22°29'11"E	2°20'48"
C15	37.50'	58.95'	53.07'	S67°31'28"E	90°04'34"
C16	122.25'	5.01'	5.01'	N67°26'15"E	2°20'48"
C17	47.50'	23.47'	23.23'	N81°35'33"E	28°18'37"
C18	32.50'	45.59'	41.94'	N55°33'51"E	80°22'02"
C19	42.50'	16.26'	16.16'	N04°25'22"E	21°54'57"
C20	17.50'	27.82'	24.98'	N39°00'43"E	91°05'41"
C21	67.50'	61.76'	59.63'	S57°18'21"E	52°25'40"
C22	27.50'	45.66'	40.59'	S42°48'02"W	95°07'30"

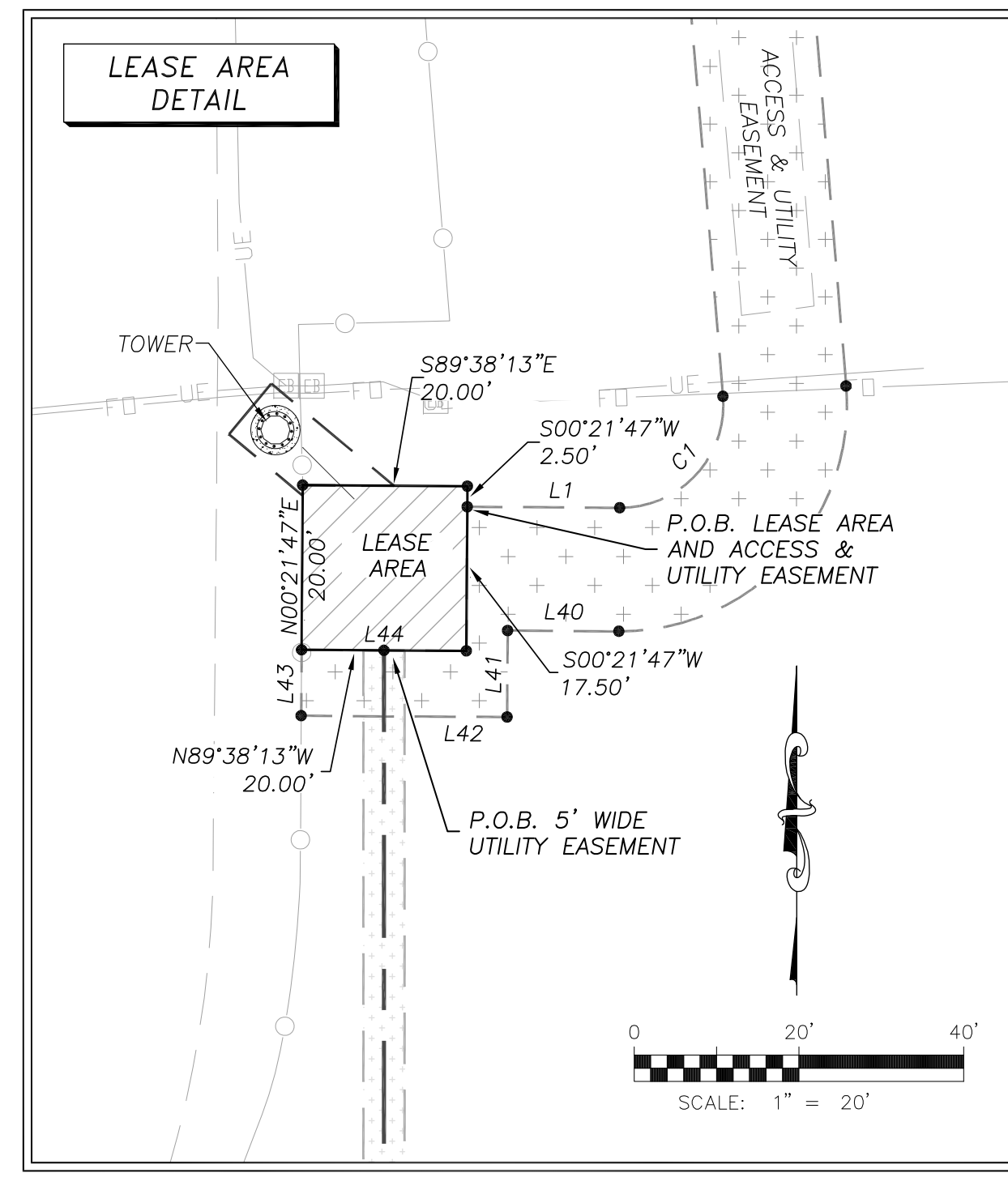
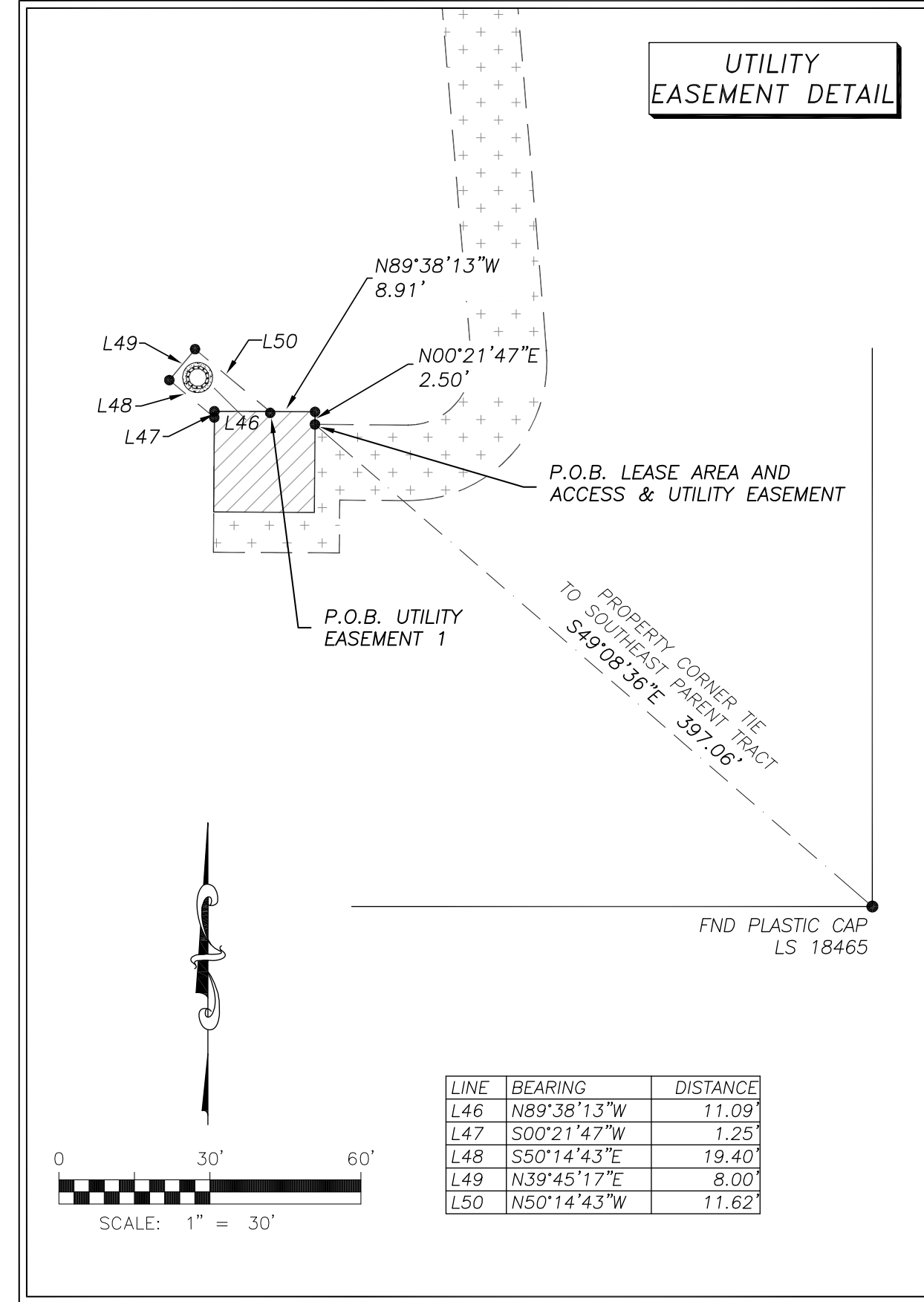
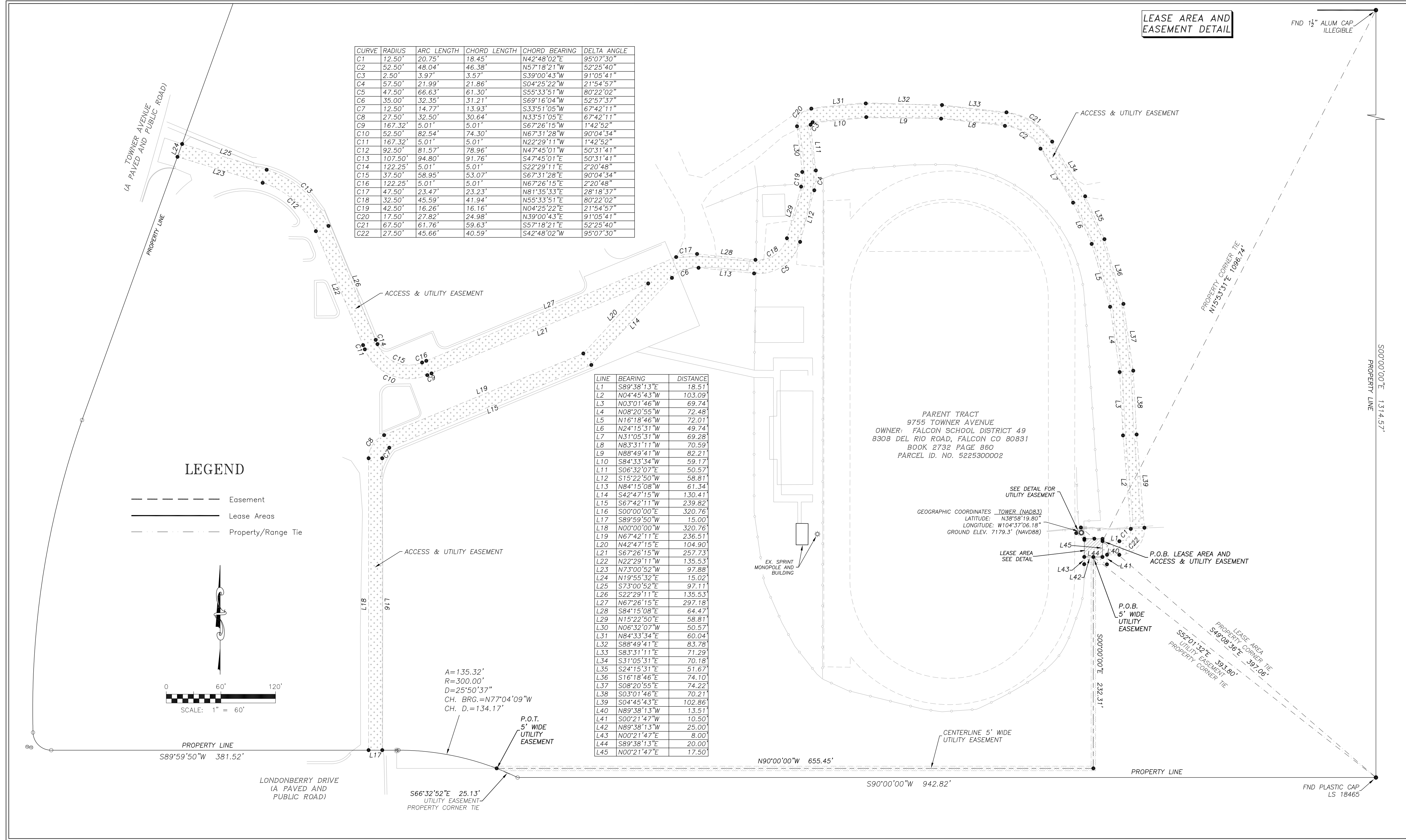
LINE	BEARING	DISTANCE
L1	S89°38'13"E	18.51'
L2	N04°45'43"W	103.09'
L3	N03°01'46"W	69.74'
L4	N08°20'55"W	72.48'
L5	N16°18'46"W	72.01'
L6	N24°15'31"W	49.74'
L7	N31°05'31"W	69.28'
L8	N83°31'11"W	70.59'
L9	N88°49'41"W	82.21'
L10	S84°33'34"W	59.17'
L11	S06°32'07"E	50.57'
L12	S15°22'50"W	58.81'
L13	N84°15'08"W	61.34'
L14	S42°47'15"W	130.41'
L15	S67°42'11"W	239.82'
L16	S00°00'00"E	320.76'
L17	S89°59'50"W	15.00'
L18	N00°00'00"W	320.76'
L19	N67°42'11"E	236.51'
L20	N42°47'15"E	104.80'
L21	S67°26'15"W	257.73'
L22	N22°29'11"W	135.53'
L23	N73°00'52"W	97.88'
L24	N19°55'32"E	15.02'
L25	S73°00'52"E	97.11'
L26	S22°29'11"E	135.53'
L27	N67°26'15"E	297.18'
L28	S84°15'08"E	64.47'
L29	N15°22'50"E	58.81'
L30	N06°32'07"W	50.57'
L31	N84°33'34"E	60.04'
L32	S88°49'41"E	83.78'
L33	S83°31'11"E	71.29'
L34	S31°05'31"E	70.18'
L35	S24°15'31"E	51.67'
L36	S16°18'46"E	74.10'
L37	S08°20'55"E	74.22'
L38	S03°01'46"E	70.21'
L39	S04°45'43"E	102.86'
L40	N89°38'13"W	13.51'
L41	S00°21'47"W	10.50'
L42	N89°38'13"W	25.00'
L43	N00°21'47"E	8.00'
L44	S89°38'13"E	20.00'
L45	N00°21'47"E	17.50'

A=135.32'
 R=300.00'
 D=25°50'37"
 CH. BRG.=N77°04'09"W
 CH. D.=134.17'

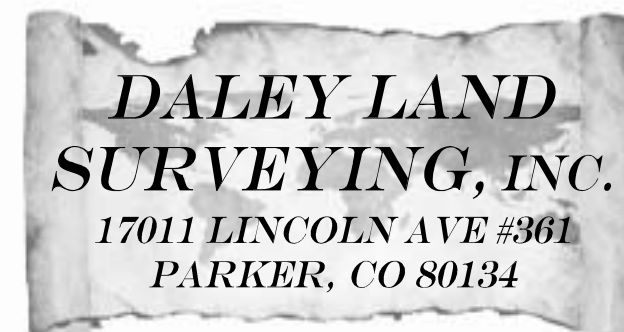
P.O.T.
 5' WIDE
 UTILITY
 EASEMENT
 566°32'52"E 25.13'
 UTILITY EASEMENT
 PROPERTY CORNER TIE

PARENT TRACT
 9755 TOWNER AVENUE
 OWNER: FALCON SCHOOL DISTRICT 49
 8308 DEL RIO ROAD, FALCON CO 80831
 BOOK 2732 PAGE 860
 PARCEL ID. NO. 5225300002

SEE DETAIL FOR
 UTILITY EASEMENT
 GEORGIC COORDINATES TOWER (NAD83)
 LATITUDE: N38°58'19.80"
 LONGITUDE: W104°37'06.18"
 GROUND ELEV. 7179.3' (NAVD88)



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Rev:	Date:	Description:	By:
1	8/8/16	Survey	AV
2	8/15/16	Easements/Lease	AV
3	10/7/17	Add Label	RD
4	10/26/17	Address Change	RD
5	4/18/18	Rev. Title	AV
6	8/16/18	Add Utility Easement	RD

PROJECT INFORMATION:		
SITE NAME:	FALCON MIDDLE SCHOOL	
SITE ADDRESS:	9755 TOWNER AVENUE PEYTON, COLORADO 80831	
VERTICAL BRIDGE SITE NUMBER: US-CO-5054		
DRAWN BY:	CHK BY:	APV BY:
AV	RD	RD

LAND SURVEY
 Sheet Number:
LS3

TOPOGRAPHIC SURVEY
VERTICAL BRIDGE SITE NO. US-CO-5054
SITUATED IN THE SOUTHWEST QUARTER OF SECTION 25,
TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE 6TH P.M.
COUNTY OF EL PASO, STATE OF COLORADO

ACCESS AND UTILITY EASEMENT:

A strip of land over and across that parcel of land described at Reception No. 099054253 of the Public Records of El Paso County (Parent Tract), located in the Southwest Quarter of Section 25, Township 12 South, Range 65 West of the 6th Principal Meridian, County of El Paso, State of Colorado, more particularly described as follows:

For the purposes of this description the bearings are referenced to the south line of the Southwest Quarter of Section 25, Township 12 South, Range 65 West, assumed to bear South 89°04'37" West, a distance of 2627.51 feet, monumented as shown hereon.

Beginning at a point, also being the Point of beginning of the hereinafter described Lease Area, whence the southeast corner of said Parent Tract, bears South 49°08'36" East, a distance of 397.06 feet;

THENCE South 89°38'13" East, a distance of 18.51 feet;
 THENCE along a curve to the left, an arc length of 20.75 feet, said curve having a radius of 12.50 feet, a delta angle of 95°07'30", a chord bearing of North 42°48'02" East, and a chord length of 18.45 feet;
 THENCE North 04°45'43" West, a distance of 103.09 feet;
 THENCE North 03°01'46" West, a distance of 69.74 feet;
 THENCE North 08°20'55" West, a distance of 72.48 feet;
 THENCE North 16°18'46" West, a distance of 72.01 feet;
 THENCE North 24°15'31" West, a distance of 49.74 feet;
 THENCE North 31°05'31" West, a distance of 69.28 feet;
 THENCE along a curve to the left, an arc length of 48.04 feet, said curve having a radius of 52.50 feet, a delta angle of 52°25'40", a chord bearing of North 57°18'21" West, and a chord length of 46.38 feet;
 THENCE North 83°31'11" West, a distance of 70.59 feet;
 THENCE North 88°49'41" West, a distance of 82.21 feet;
 THENCE South 84°33'34" West, a distance of 59.17 feet;
 THENCE along a curve to the left, an arc length of 3.97 feet, said curve having a radius of 2.50 feet, a delta angle of 91°05'41", a chord bearing of South 39°00'43" West, and a chord length of 3.57 feet;
 THENCE South 06°32'07" East, a distance of 50.57 feet;
 THENCE along a curve to the right, an arc length of 21.99 feet, said curve having a radius of 57.50 feet, a delta angle of 21°54'57", a chord bearing of South 04°25'22" West, and a chord length of 21.86 feet;
 THENCE South 15°22'50" West, a distance of 58.81 feet;
 THENCE along a curve to the right, an arc length of 66.63 feet, said curve having a radius of 47.50 feet, a delta angle of 80°22'02", a chord bearing of South 55°33'51" West, and a chord length of 61.30 feet;
 THENCE North 84°15'08" West, a distance of 61.34 feet;
 THENCE along a curve to the left, an arc length of 32.35 feet, said curve having a radius of 35.00 feet, a delta angle of 52°57'37", a chord bearing of South 69°16'04" West, and a chord length of 31.21 feet;
 THENCE South 42°47'15" West, a distance of 130.41 feet;
 THENCE South 67°42'11" West, a distance of 239.82 feet;
 THENCE along a curve to the left, an arc length of 14.77 feet, said curve having a radius of 12.50 feet, a delta angle of 67°42'11", a chord bearing of South 33°51'05" West, and a chord length of 13.93 feet;
 THENCE South 00°00'00" East, a distance of 320.76 feet to the south line of said Parent Tract and the north right of way line of Londonberry Drive;
 THENCE South 89°59'50" West, a distance of 15.00 feet along said south line and said north right of way line;
 THENCE North 00°00'00" West, a distance of 320.76 feet;
 THENCE along a curve to the right, an arc length of 32.50 feet, said curve having a radius of 27.50 feet, a delta angle of 67°42'11", a chord bearing of North 33°51'05" East, and a chord length of 30.64 feet;
 THENCE North 67°42'11" East, a distance of 236.51 feet;
 THENCE North 42°47'15" East, a distance of 104.90 feet;
 THENCE South 67°26'15" West, a distance of 257.73 feet;
 THENCE along a curve to the left, an arc length of 5.01 feet, said curve having a radius of 167.32 feet, a delta angle of 01°42'52", a chord bearing of South 67°26'15" West, and a chord length of 5.01 feet;
 THENCE along a reverse curve to the right, an arc length of 82.54 feet, said curve having a radius of 52.50 feet, a delta angle of 90°04'34", a chord bearing of North 67°31'28" West, and a chord length of 74.30 feet;
 THENCE along a reverse curve to the left, an arc length of 5.01 feet, said curve having a radius of 167.32 feet, a delta angle of 01°42'52", a chord bearing of North 22°29'11" West, and a chord length of 5.01 feet;
 THENCE North 22°29'11" West, a distance of 135.53 feet;
 THENCE along a curve to the left, an arc length of 81.57 feet, said curve having a radius of 92.50 feet, a delta angle of 50°31'41", a chord bearing of North 47°45'01" West, and a chord length of 78.96 feet;
 THENCE North 73°00'52" West, a distance of 97.88 feet to the west line of said Parent Tract and the east right of way line of the Towner Avenue;
 THENCE North 19°55'32" East, a distance of 15.02 feet along said west line and said east right of way line;
 THENCE South 73°00'52" East, a distance of 97.11 feet;
 THENCE along a curve to the right, an arc length of 94.80 feet, said curve having a radius of 107.50 feet, a delta angle of 50°31'41", a chord bearing of South 47°45'01" East, and a chord length of 91.76 feet;
 THENCE South 22°29'11" East, a distance of 135.53 feet;
 THENCE along a curve to the right, an arc length of 5.01 feet, said curve having a radius of 122.25 feet, a delta angle of 02°20'48", a chord bearing of South 22°29'11" East, and a chord length of 5.01 feet;
 THENCE along a reverse curve to the left, an arc length of 58.95 feet, said curve having a radius of 37.50 feet, a delta angle of 90°04'34", a chord bearing of South 67°31'28" East, and a chord length of 53.07 feet;
 THENCE along a reverse curve to the right, an arc length of 5.01 feet, said curve having a radius of 122.25 feet, a delta angle of 02°20'48", a chord bearing of North 67°26'15" East, and a chord length of 5.01 feet;
 THENCE North 67°26'15" East, a distance of 297.18 feet;
 THENCE along a curve to the right, an arc length of 23.47 feet, said curve having a radius of 47.50 feet, a delta angle of 28°18'37", a chord bearing of North 81°35'33" East, and a chord length of 23.23 feet;
 THENCE South 84°15'08" East, a distance of 64.47 feet;
 THENCE along a curve to the left, an arc length of 45.59 feet, said curve having a radius of 32.50 feet, a delta angle of 80°22'02", a chord bearing of North 55°33'51" East, and a chord length of 41.94 feet;
 THENCE North 15°22'50" East, a distance of 58.81 feet;
 THENCE along a curve to the left, an arc length of 16.26 feet, said curve having a radius of 42.50 feet, a delta angle of 21°54'57", a chord bearing of North 04°25'22" East, and a chord length of 16.16 feet;
 THENCE North 06°32'07" West, a distance of 50.57 feet;
 THENCE along a curve to the right, an arc length of 27.82 feet, said curve having a radius of 17.50 feet, a delta angle of 91°05'41", a chord bearing of North 39°00'43" East, and a chord length of 24.98 feet;

ACCESS AND UTILITY EASEMENT (CONTINUED):

THENCE North 84°33'34" East, a distance of 60.04 feet;
 THENCE South 88°49'41" East, a distance of 83.78 feet;
 THENCE South 83°31'11" East, a distance of 71.29 feet;
 THENCE along a curve to the right, an arc length of 61.76 feet, said curve having a radius of 67.50 feet, a delta angle of 52°25'40", a chord bearing of South 57°18'21" East, and a chord length of 59.63 feet;
 THENCE South 31°05'31" East, a distance of 70.18 feet;
 THENCE South 24°15'31" East, a distance of 51.67 feet;
 THENCE South 16°18'46" East, a distance of 74.10 feet;
 THENCE South 08°20'55" East, a distance of 74.22 feet;
 THENCE South 03°01'46" East, a distance of 70.21 feet;
 THENCE South 04°45'43" East, a distance of 102.86 feet;
 THENCE along a curve to the right, an arc length of 45.66 feet, said curve having a radius of 27.50 feet, a delta angle of 95°07'30", a chord bearing of South 42°48'02" West, and a chord length of 40.59 feet;
 THENCE North 89°38'13" West, a distance of 13.51 feet;
 THENCE South 00°21'47" West, a distance of 10.50 feet;
 THENCE North 89°38'13" West, a distance of 25.00 feet;
 THENCE North 00°21'47" East, a distance of 8.00 feet;
 THENCE South 89°38'13" East, a distance of 20.00 feet;
 THENCE South 00°21'47" West, a distance of 17.50 feet to the Point of Beginning, whence the northeast corner of said Parent Tract, bears North 15°53'31" East, a distance of 1096.74 feet.

Containing 36974 Square Feet, or 0.849 Acres, more or less.

LEASE AREA LEGAL DESCRIPTION:

A parcel of land within that parcel of land described at Reception No. 099054253 of the Public Records of El Paso County (Parent Tract), located in the Southwest Quarter of Section 25, Township 12 South, Range 65 West of the 6th Principal Meridian, County of El Paso, State of Colorado, more particularly described as follows:

For the purposes of this description the bearings are referenced to the south line of the Southwest Quarter of Section 25, Township 12 South, Range 65 West, assumed to bear South 89°04'37" West, a distance of 2627.51 feet, monumented as shown hereon.

Beginning at a point, also being the Point of beginning of the hereinafter described Access and Utility Easement, whence the southeast corner of said Parent Tract, bears South 49°08'36" East, a distance of 397.06 feet;

THENCE South 00°21'47" West, a distance of 17.50 feet;
 THENCE North 89°38'13" West, a distance of 20.00 feet;
 THENCE North 00°21'47" East, a distance of 20.00 feet;
 THENCE South 89°38'13" East, a distance of 20.00 feet;
 THENCE South 00°21'47" West, a distance of 2.50 feet to the Point of Beginning.

Containing 400 Square Feet, or 0.009 Acres, more or less.

UTILITY EASEMENT 1:

A strip of land over and across that parcel of land described at Reception No. 099054253 of the Public Records of El Paso County (Parent Tract), located in the Southwest Quarter of Section 25, Township 12 South, Range 65 West of the 6th Principal Meridian, County of El Paso, State of Colorado, more particularly described as follows:

For the purposes of this description the bearings are referenced to the south line of the Southwest Quarter of Section 25, Township 12 South, Range 65 West, assumed to bear South 89°04'37" West, a distance of 2627.51 feet, monumented as shown hereon.

Commencing at a point, also being the Point of beginning of the hereinafter described Lease Area and Access and Utility Easement, whence the southeast corner of said Parent Tract, bears South 49°08'36" East, a distance of 397.06 feet;

THENCE along said Lease Area and Access and Utility Easement the following four (4) courses:

1. North 00°21'47" East, a distance of 2.50 feet;
2. North 89°38'13" West, a distance of 8.91 feet to the Point of Beginning;
3. continuing North 89°38'13" West, a distance of 11.09 feet;
4. South 00°21'47" West, a distance of 1.25 feet;

THENCE North 50°14'43" West, a distance of 11.62 feet;
 THENCE North 39°45'17" East, a distance of 8.00 feet;
 THENCE South 50°14'43" East, a distance of 19.40 feet to the Point of Beginning.

Containing 117 Square Feet, or 0.003 Acres, more or less.

5' WIDE UTILITY EASEMENT:

A 5 foot wide strip of land over and across that parcel of land described at Reception No. 099054253 of the Public Records of El Paso County (Parent Tract), located in the Southwest Quarter of Section 25, Township 12 South, Range 65 West of the 6th Principal Meridian, County of El Paso, State of Colorado, said strip being 2.5' on both sides of the following described centerline:

For the purposes of this description the bearings are referenced to the south line of the Southwest Quarter of Section 25, Township 12 South, Range 65 West, assumed to bear South 89°04'37" West, a distance of 2627.51 feet, monumented as shown hereon.

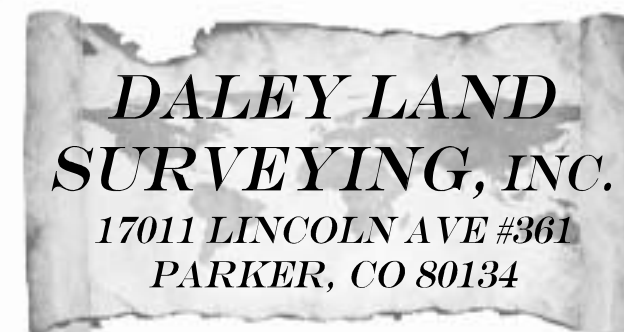
Commencing at the midpoint of the south line of the hereinafter described Lease Area, whence the southeast corner of said Parent Tract, bears South 52°01'32" East, a distance of 393.80 feet;

THENCE South 00°00'00" East, a distance of 232.31 feet;
 THENCE North 90°00'00" West, a distance of 655.45 feet to the Point of Terminus whence the nearest property corner, being the southeasterly end of a 300' radius curve, bears South 66°32'52" East, a distance of 25.13 feet.

Containing 4439 Square Feet, or 0.102 Acres, more or less.



INFINIGY
 THE SOLUTIONS ARE ENDLESS
 7301 FEDERAL BOULEVARD STE. 300
 WESTMINSTER, CO 80030
 (303) 219-1178
 WWW.INFINIGY.COM



Rev:	Date:	Description:	By:
1	8/8/16	Survey	AV
2	8/15/16	Easements/Lease	AV
3	10/7/17	Add Label	RD
4	10/26/17	Address Change	RD
5	4/18/18	Rev. Title	AV
6	8/16/18	Add Utility Easement	RD

PROJECT INFORMATION:	
SITE NAME:	FALCON MIDDLE SCHOOL
SITE ADDRESS:	9755 TOWNER AVENUE PEYTON, COLORADO 80831
VERTICAL BRIDGE SITE NUMBER: US-CO-5054	
DRAWN BY:	CHK BY: APV BY:
AV	RD RD

LAND SURVEY
 Sheet Number:

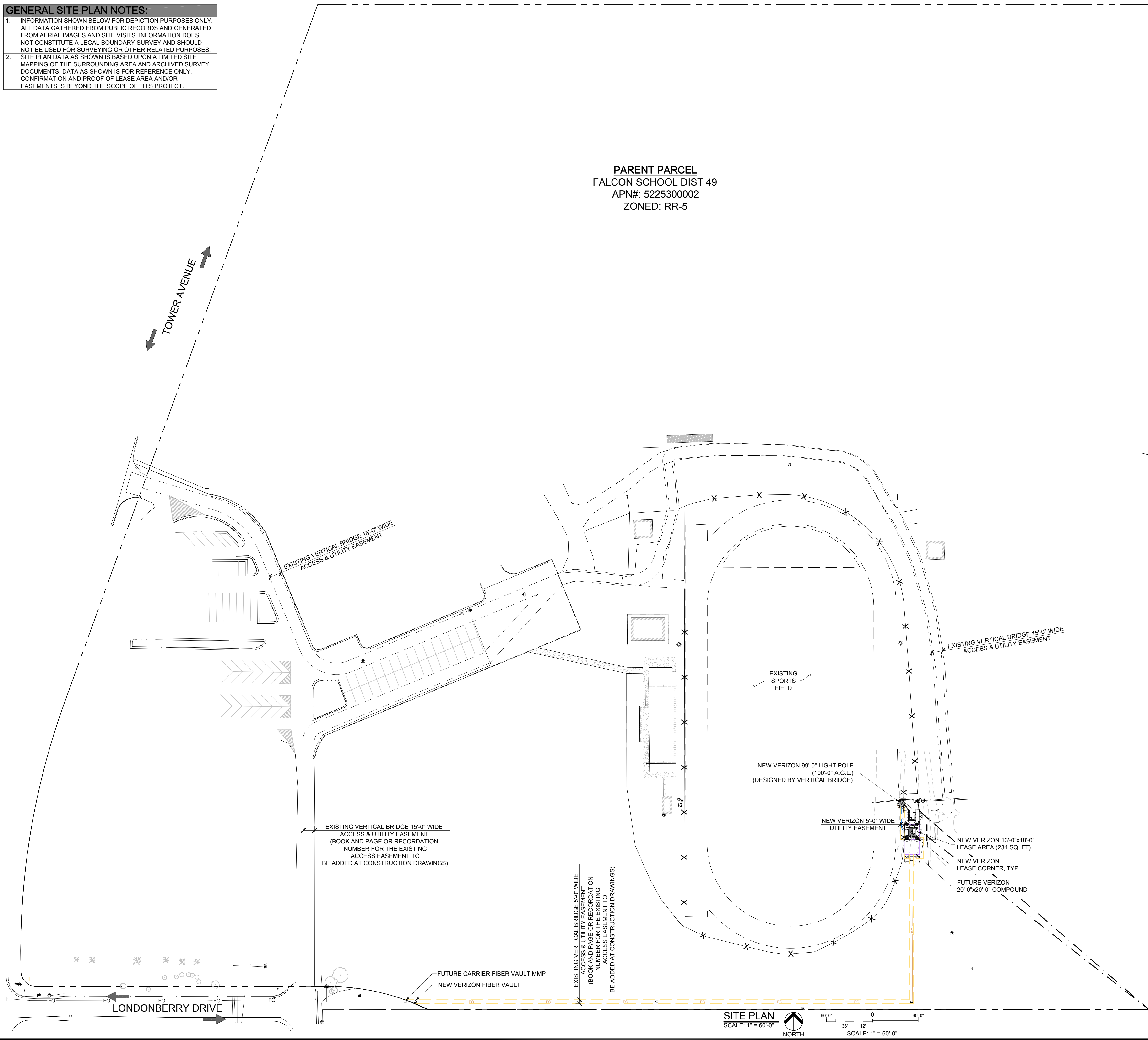
LS4

GENERAL SITE PLAN NOTES:

1. INFORMATION SHOWN BELOW FOR DEPICTION PURPOSES ONLY. ALL DATA GATHERED FROM PUBLIC RECORDS AND GENERATED FROM AERIAL IMAGES AND SITE VISITS. INFORMATION DOES NOT CONSTITUTE A LEGAL BOUNDARY SURVEY AND SHOULD NOT BE USED FOR SURVEYING OR OTHER RELATED PURPOSES.
2. SITE PLAN DATA AS SHOWN IS BASED UPON A LIMITED SITE MAPPING OF THE SURROUNDING AREA AND ARCHIVED SURVEY DOCUMENTS. DATA AS SHOWN IS FOR REFERENCE ONLY. CONFIRMATION AND PROOF OF LEASE AREA AND/OR EASEMENTS IS BEYOND THE SCOPE OF THIS PROJECT.

- EXISTING
- WALL HATCH
- NEW WORK/ UTILITY EASEMENT
- ACCESS/UTILITY EASEMENT
- HYDRO CABLES/COAX
- DC POWER
- FIBER
- ANTENNAS
- RR/HIBBU
- LEASE AREA
- EXISTING EASEMENT
- PENETRATIONS

PARENT PARCEL
FALCON SCHOOL DIST 49
APN#: 5225300002
ZONED: RR-5



PRELIMINARY FOR LEASING/ZONING

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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 JUDGE (ALT 2)
EXISTING 99'-0" LIGHT POLE
(OVERALL HEIGHT: 100'-0" A.G.L.)
COLLOCATION COMMUNICATION SITE

PROJECT ADDRESS: 9673 TOWNER AVE.
PEYTON, COLORADO 80831
EL PASO COUNTY

SHEET TITLE: SITE PLAN & SETBACK SITE PLAN

REV	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - NOT FOR CONSTRUCTION	11/09/18	CV	-

SAVE DATE: 11/19/2018 10:19 AM
SHEET NUMBER: C1

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

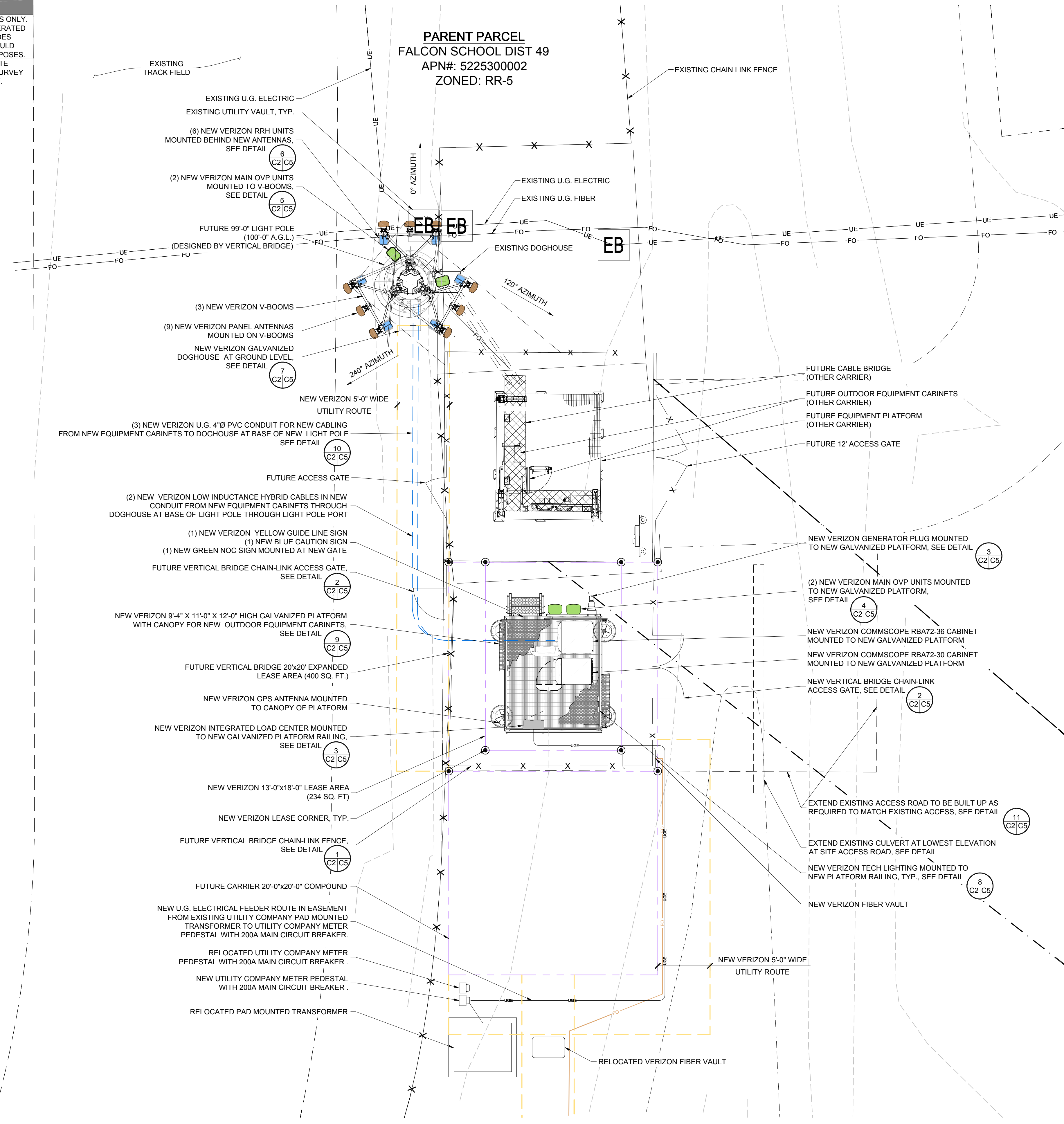
SITE NOTES:

1. PRIOR TO EXCAVATION, CONTRACTOR SHALL CHECK THE AREA FOR UNDERGROUND FACILITIES.
2. EXISTING ANTENNAS BY OTHER CARRIERS NOT SHOWN FOR CLARITY.

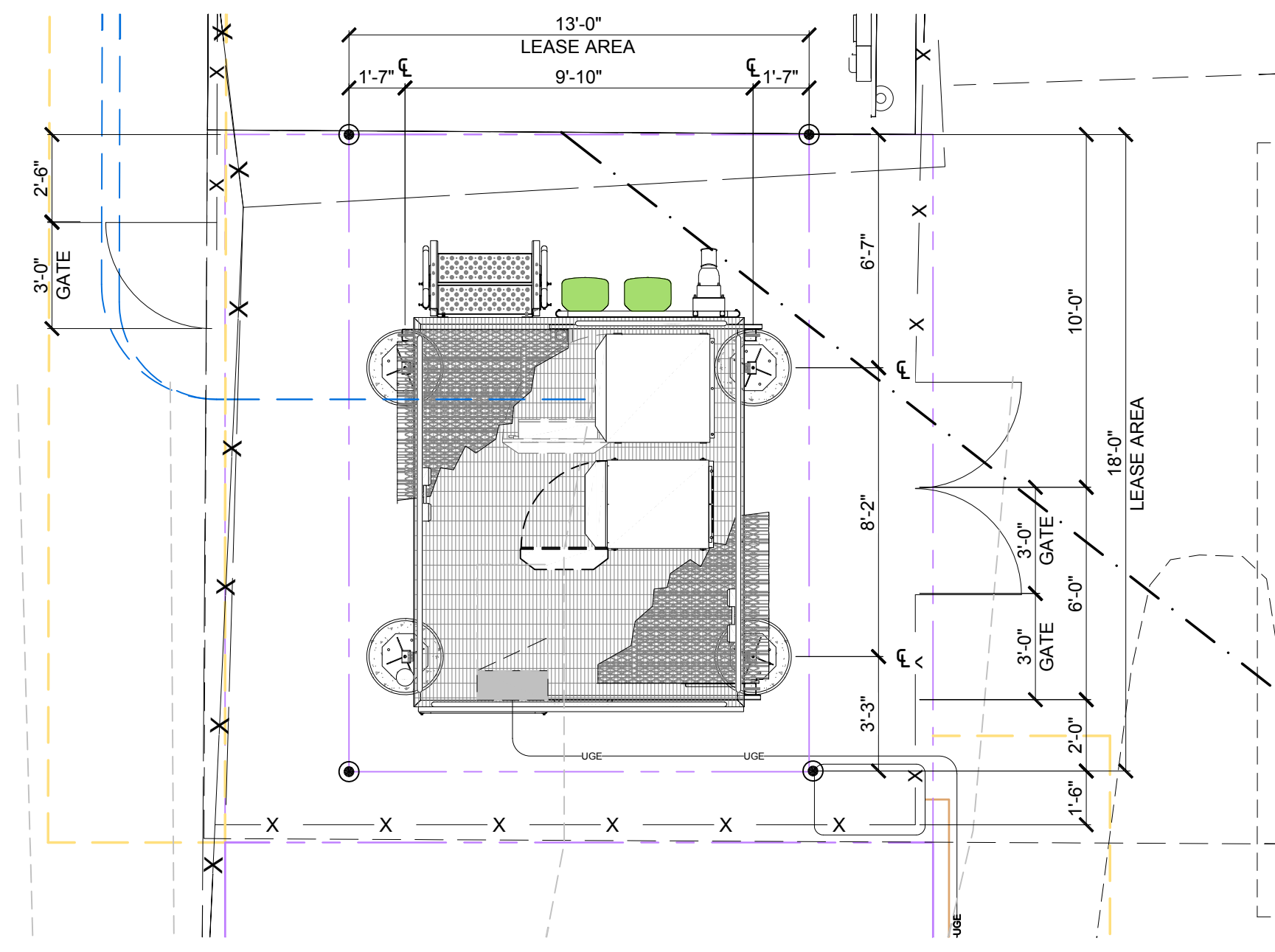
GENERAL SITE PLAN NOTES:

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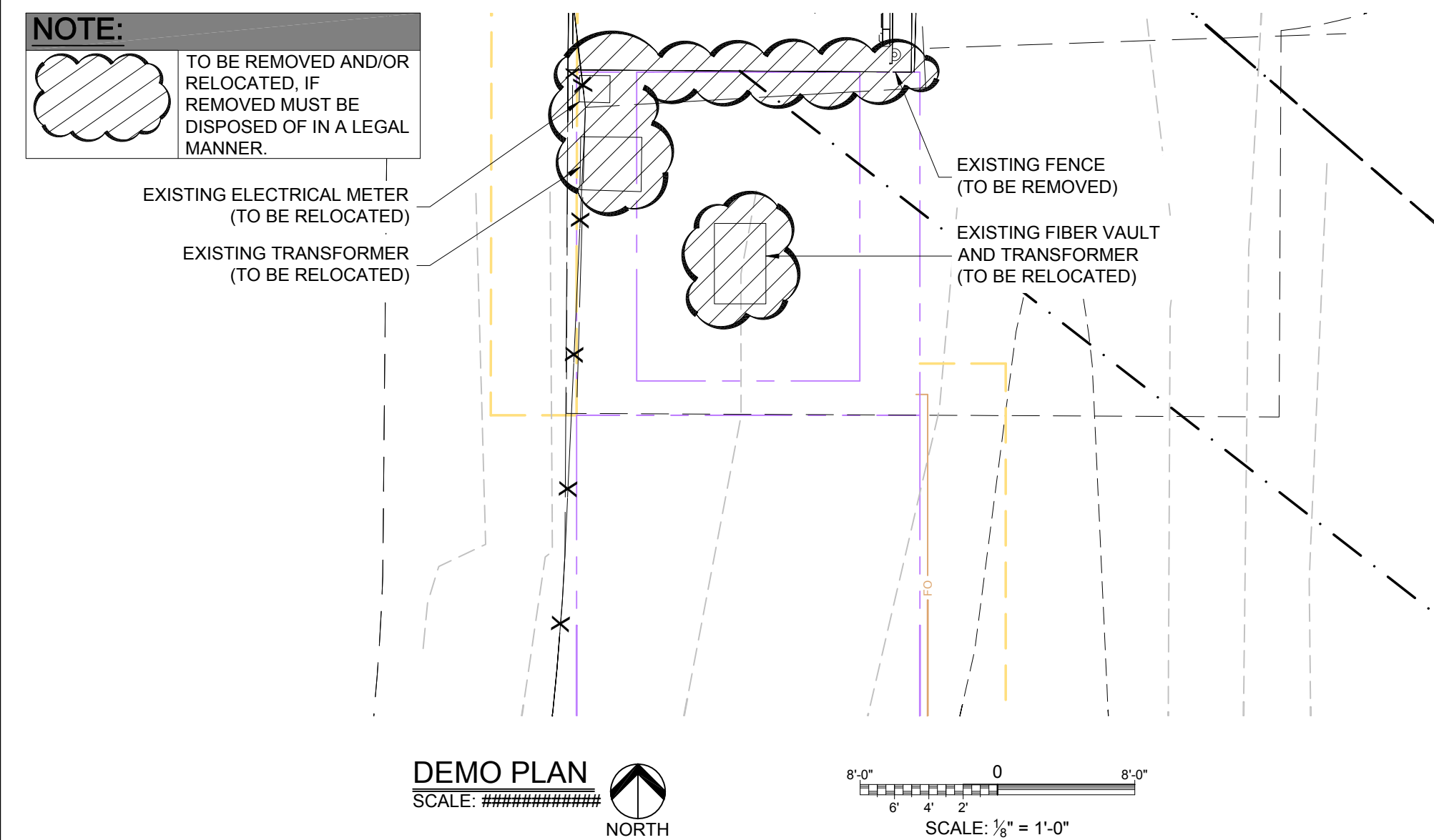
EXISTING
 WALL HATCH
 NEW WORK/
 UTILITY EASEMENT
 ACCESS/UTILITY
 EASEMENT
 HYBRID CABLE/COAX
 DC POWER
 FIBER
 ANTENNAS
 RR/HBBU
 LEASE AREA
 EXISTING
 EASEMENT
 PENETRATIONS



ENLARGED SITE PLAN
 SCALE: 3/16" = 1'-0"
 NORTH



EQUIPMENT LAYOUT PLAN
 SCALE: 1/4" = 1'-0"
 NORTH



NOTE:
 TO BE REMOVED AND/OR RELOCATED, IF REMOVED MUST BE DISPOSED OF IN A LEGAL MANNER.

DEMO PLAN
 SCALE: 1/8" = 1'-0"
 NORTH

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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 JUDGE (ALT 2) EXISTING 99'-0" LIGHT POLE (OVERALL HEIGHT: 100'-0" A.G.L.) COLLOCATION COMMUNICATION SITE**

PROJECT ADDRESS: **9673 TOWNER AVE. PEYTON, COLORADO 80831 EL PASO COUNTY**

SHEET TITLE: **ENLARGED SITE PLAN & EQUIPMENT LAYOUT PLAN**

REV	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - NOT FOR CONSTRUCTION	11/09/18	CV	-

SAVE DATE: 11/19/2018 10:19 AM SHEET NUMBER: **C2**

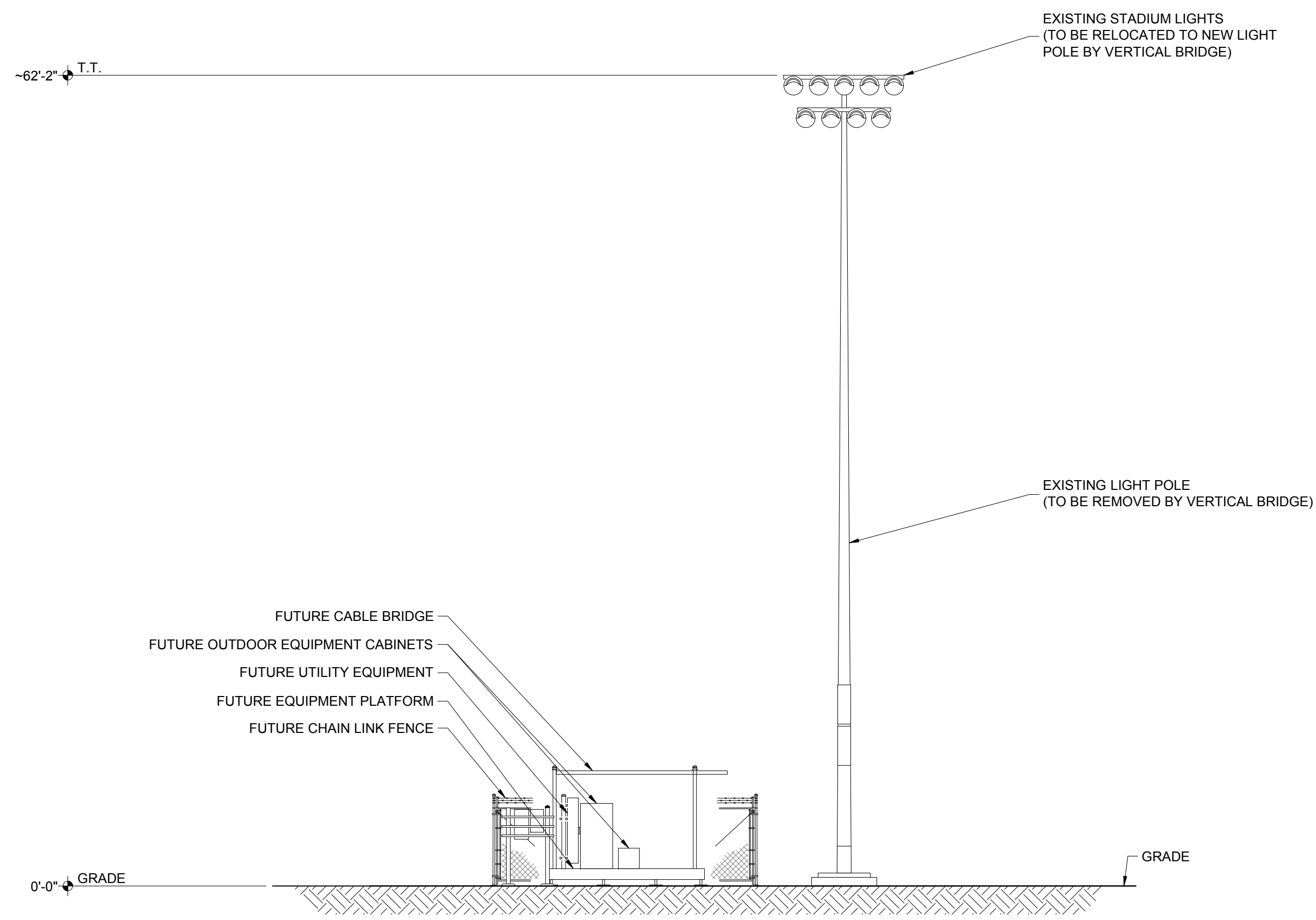
PRELIMINARY FOR LEASING/CONSTRUCTION

NOTE:
SITE IS PREVIOUSLY APPROVED NOT YET INSTALLED.

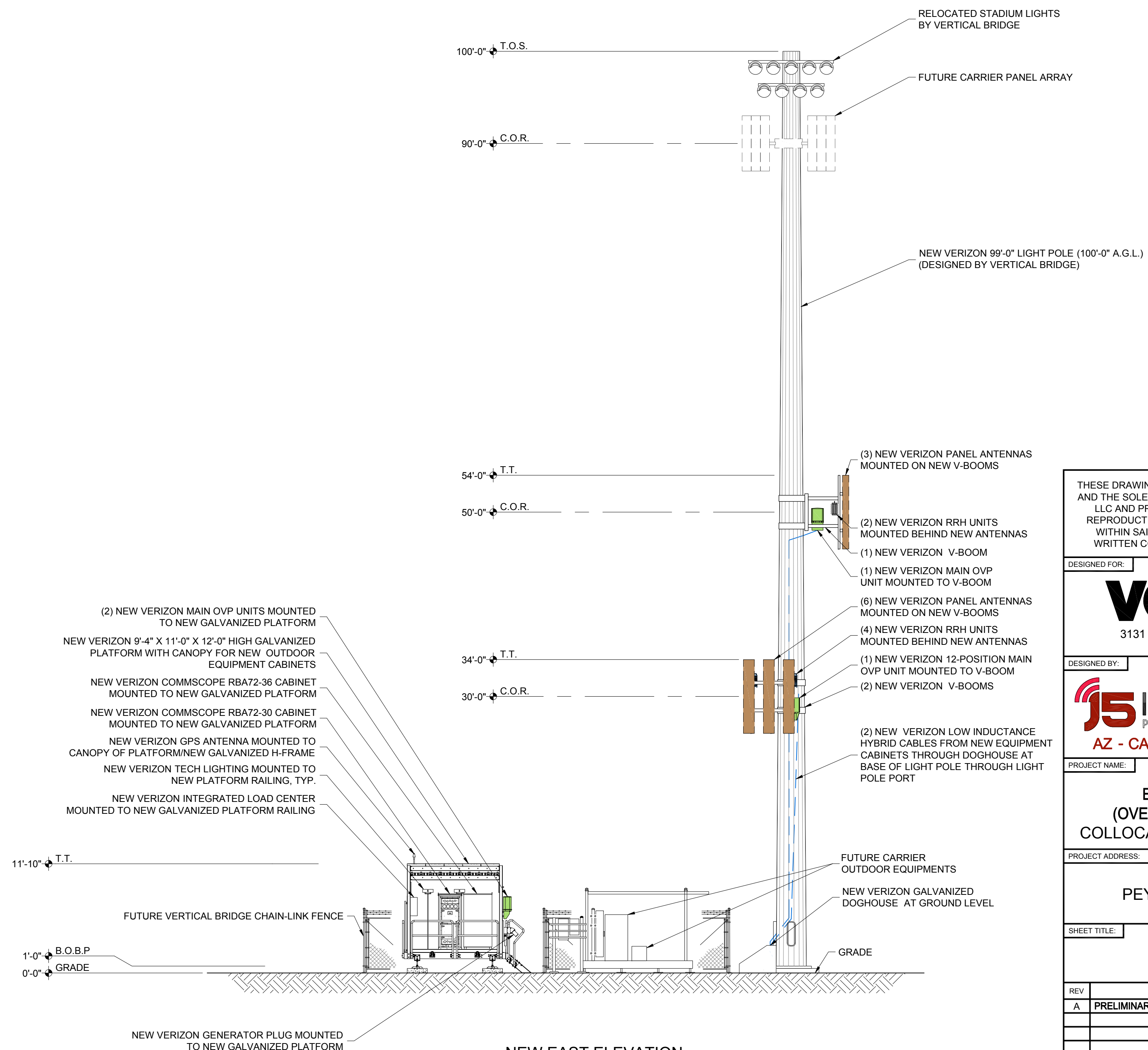
KEY:

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

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



EXISTING EAST ELEVATION
SCALE: 1/8" = 1'-0"



NEW EAST ELEVATION
SCALE: 1/8" = 1'-0"

PRELIMINARY FOR LEASING/ZONING

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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 JUDGE (ALT 2) EXISTING 99'-0" LIGHT POLE (OVERALL HEIGHT: 100'-0" A.G.L.) COLLOCATION COMMUNICATION SITE**

PROJECT ADDRESS: **9673 TOWNER AVE. PEYTON, COLORADO 80831 EL PASO COUNTY**

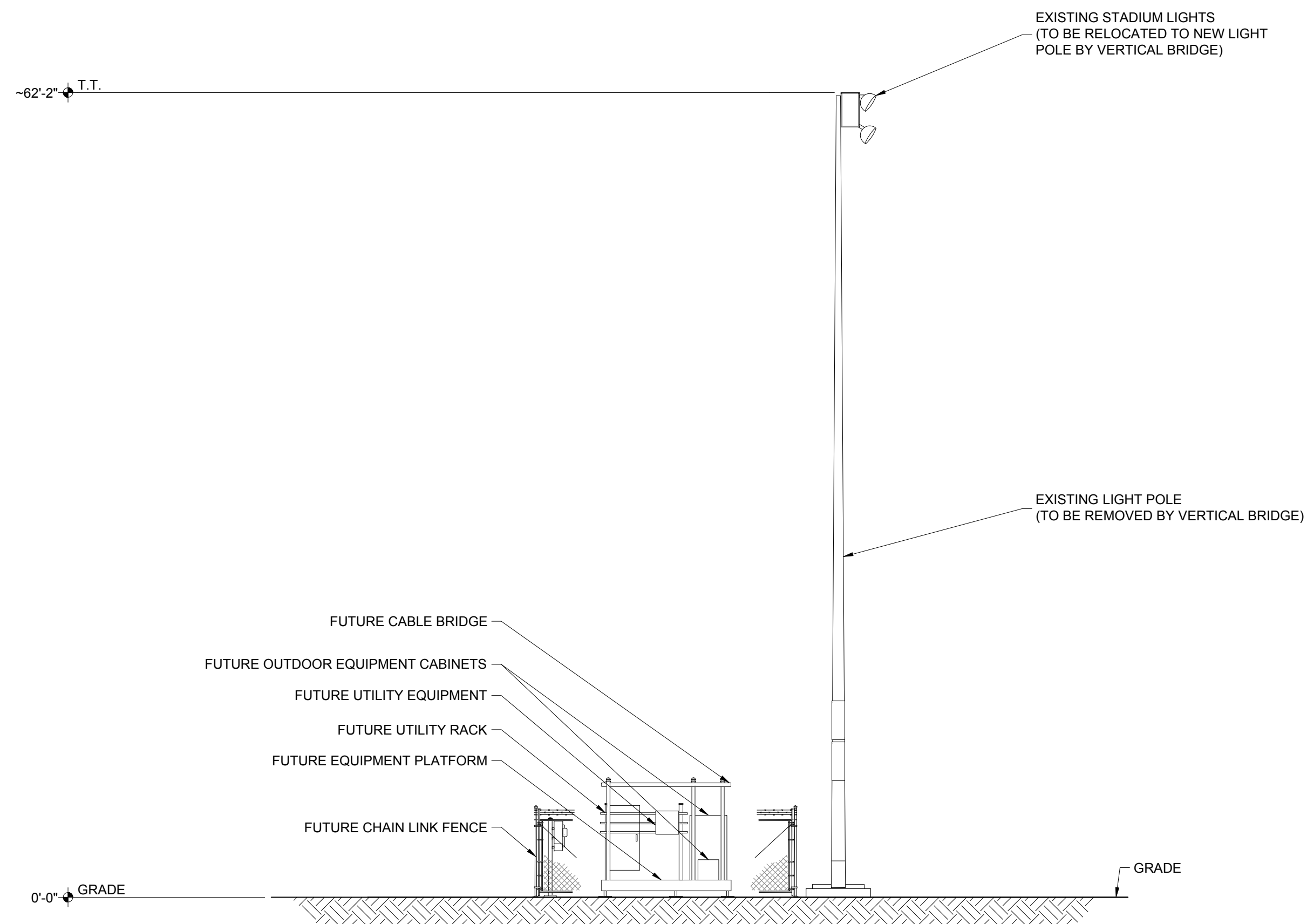
SHEET TITLE: **ELEVATIONS**

REV	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - NOT FOR CONSTRUCTION	11/09/18	CV	-

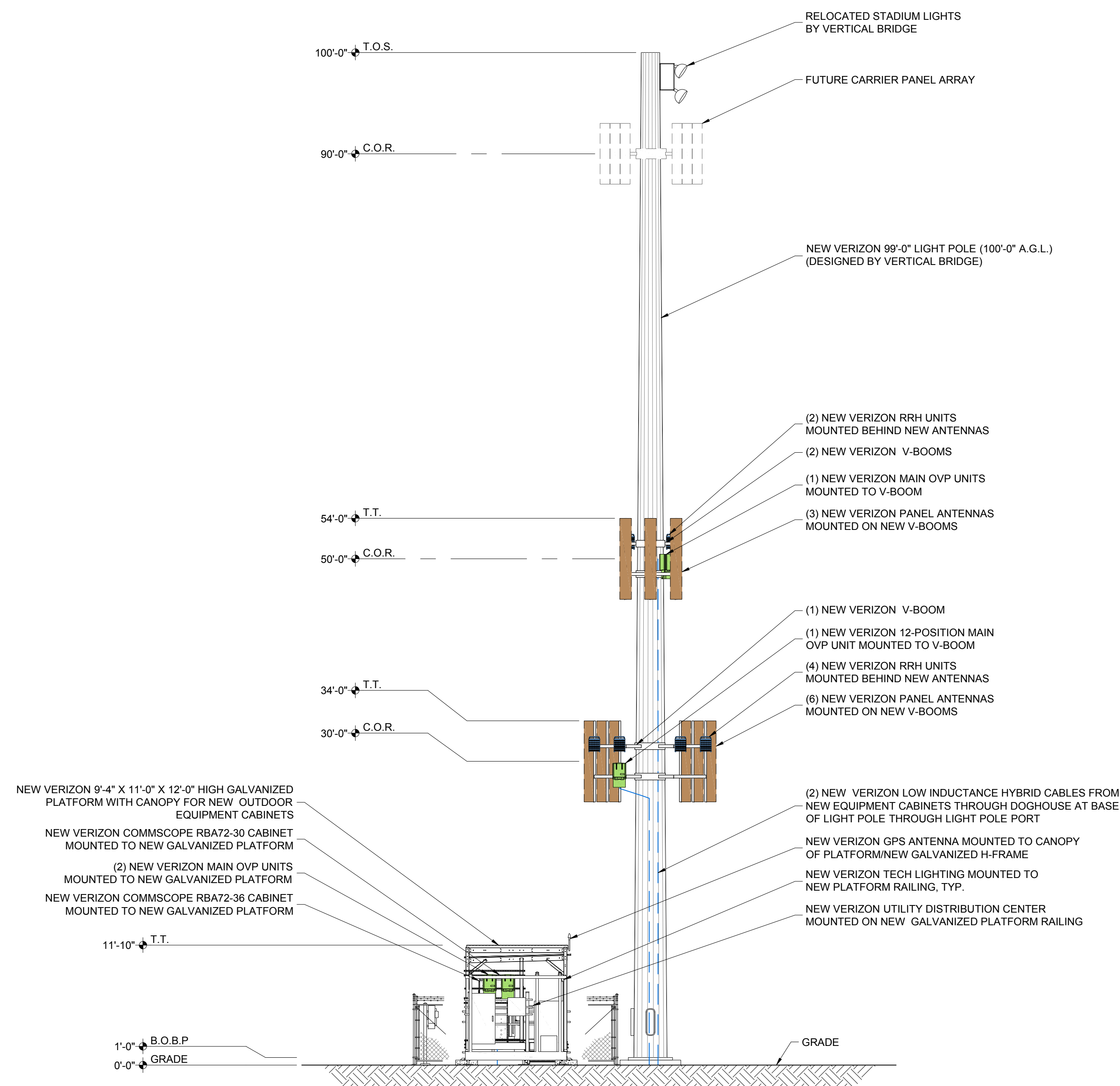
SAVE DATE: 11/19/2018 10:19 AM SHEET NUMBER: **C3**

NOTE:
SITE IS PREVIOUSLY APPROVED NOT YET INSTALLED.

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



EXISTING NORTH ELEVATION
SCALE: 1/8" = 1'-0"



NEW NORTH ELEVATION
SCALE: 1/8" = 1'-0"

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

PRELIMINARY
FOR LEASING/ZONING

THESE DRAWINGS AND SURVEYS ARE COPYRIGHT PROTECTED AND THE SOLE PROPERTY OF JS 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 JS INFRASTRUCTURE PARTNERS.

DESIGNED FOR:

3131 SOUTH VAUGHN WAY, SUITE 550
AURORA, COLORADO 80014

DESIGNED BY:

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

PROJECT NAME: CSP JUDGE (ALT 2)
EXISTING 99'-0" LIGHT POLE
(OVERALL HEIGHT: 100'-0" A.G.L.)
COLLOCATION COMMUNICATION SITE

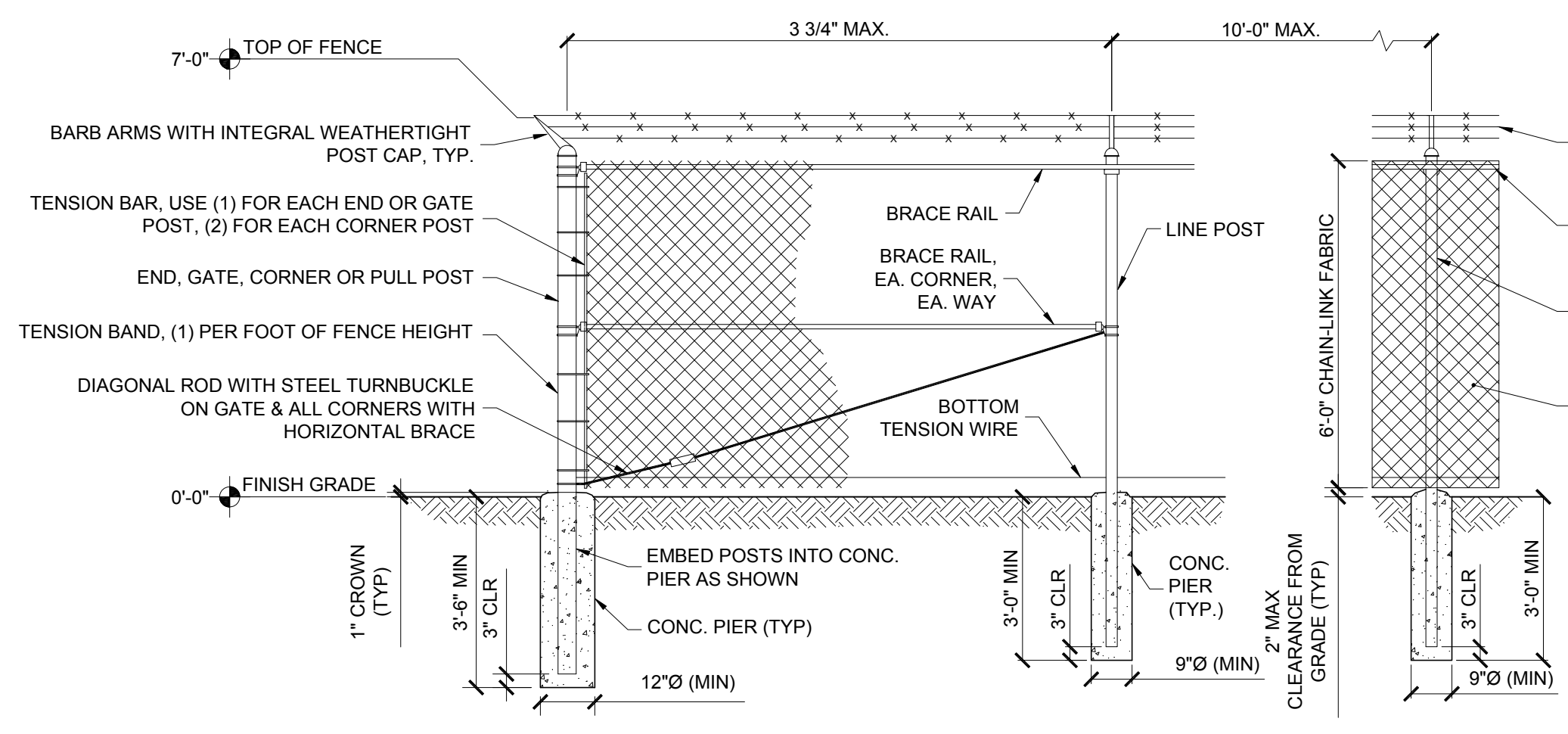
PROJECT ADDRESS:
9673 TOWNER AVE.
PEYTON, COLORADO 80831
EL PASO COUNTY

SHEET TITLE: ELEVATIONS

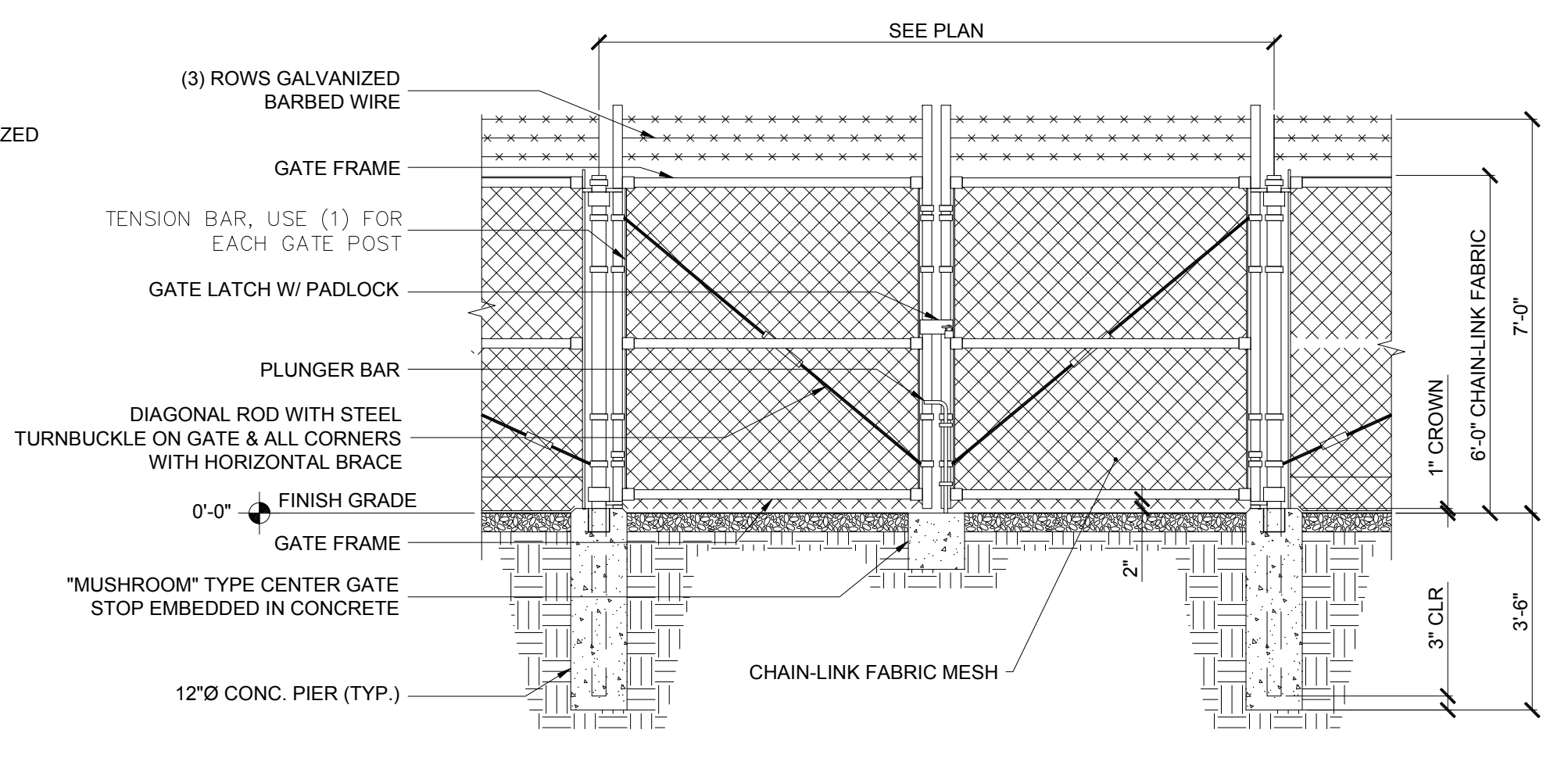
REV	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - NOT FOR CONSTRUCTION	11/09/18	CV	-

SAVE DATE: 11/19/2018 10:19 AM SHEET NUMBER: C4

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

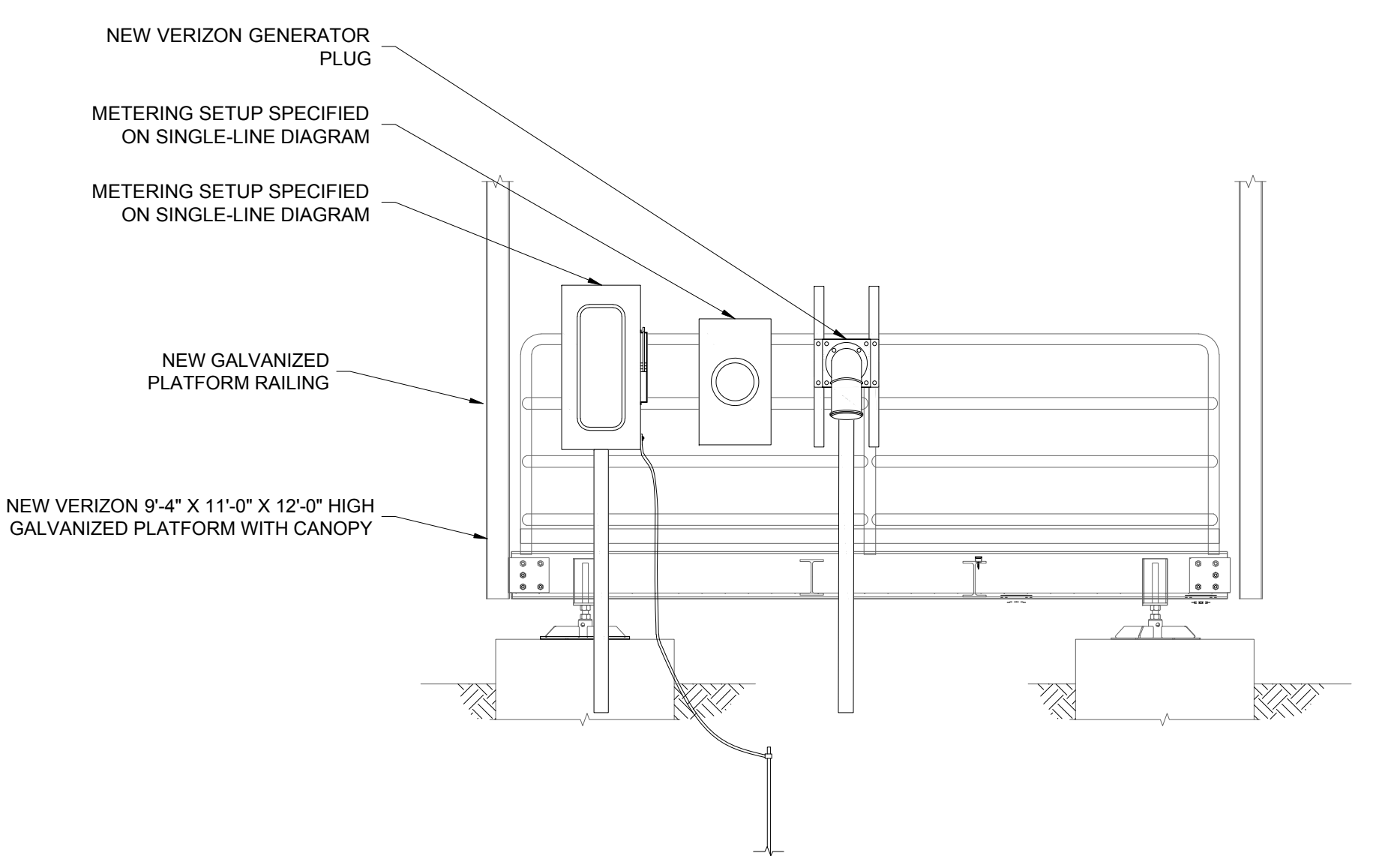


1 CHAIN-LINK FENCE DETAIL
C2/C5 SCALE: N.T.S.

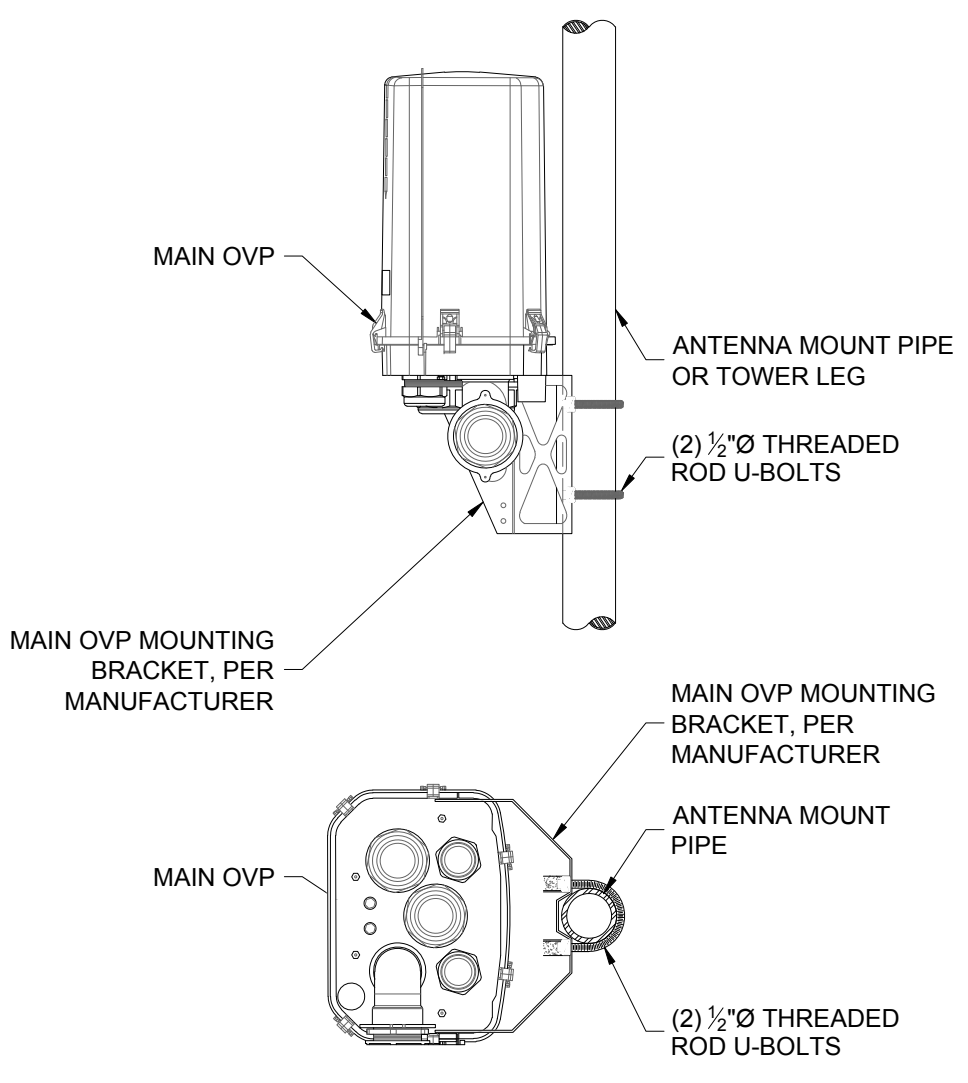
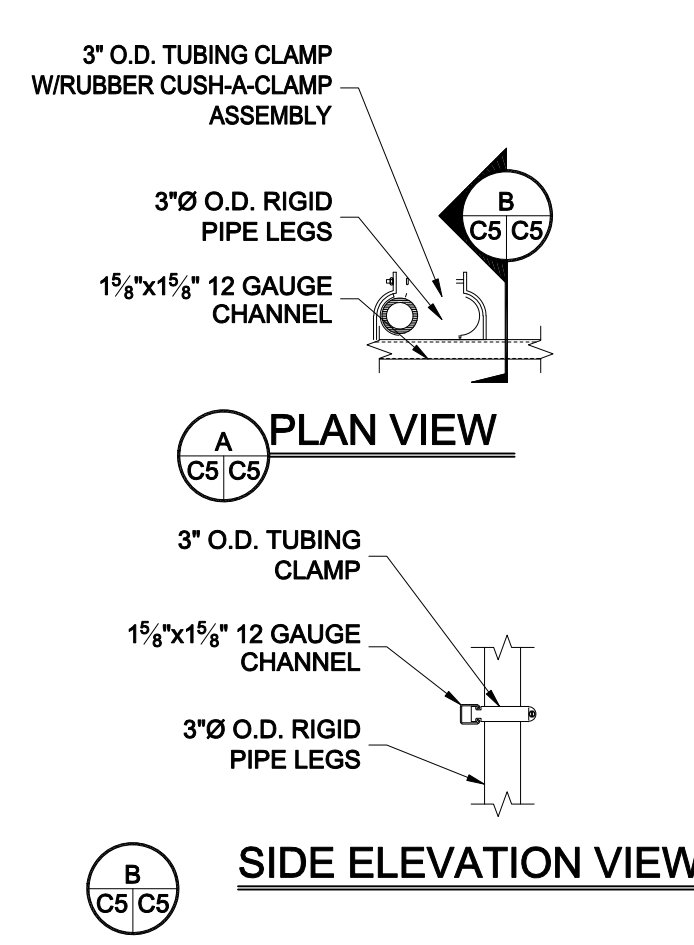


2 CHAIN-LINK ACCESS GATE DETAIL
C2/C5 SCALE: N.T.S.

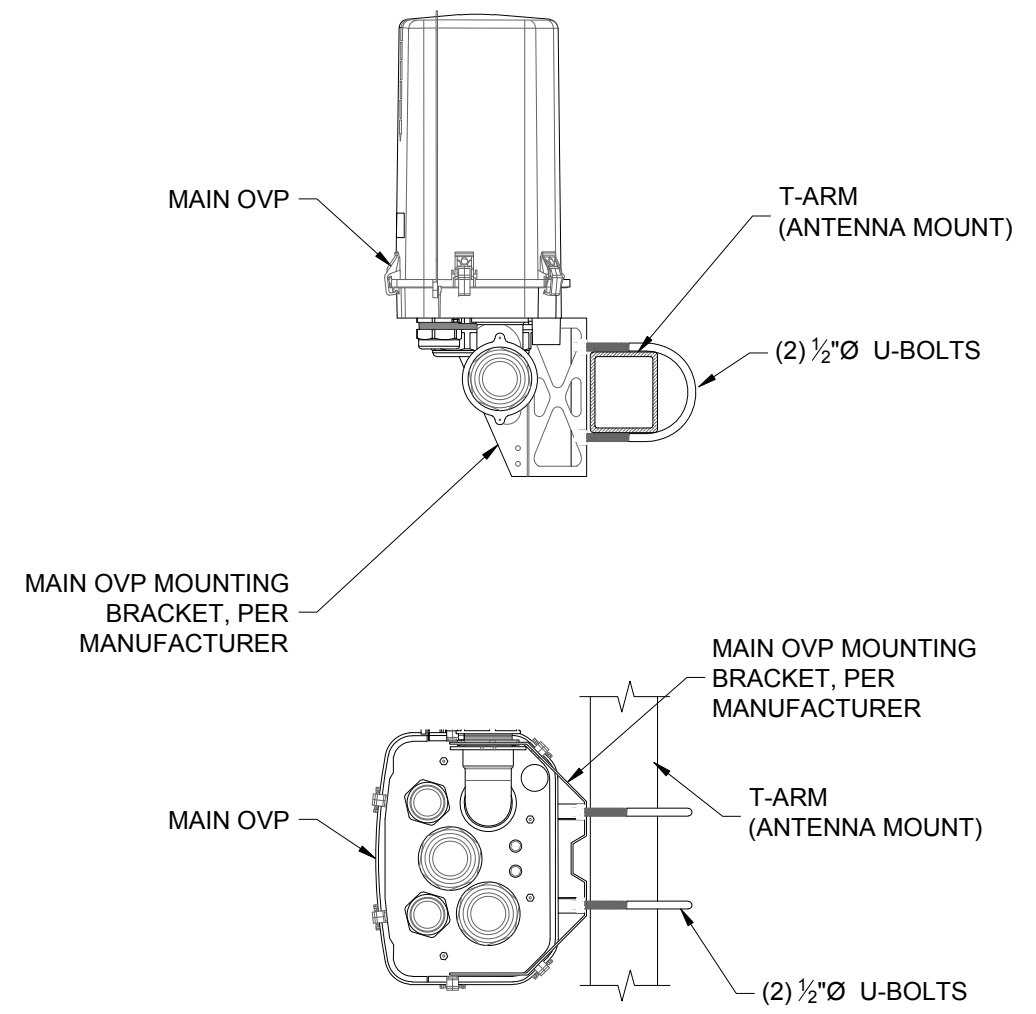
CHAIN-LINK GATE/FENCE SPECIFICATIONS:		
(INSTALL FENCING PER ASTM F567 / SWING GATES PER ASTM F900)		
GATE POST	4.500" O.D. SCHEDULE 40 PIPE FOR GATE WIDTHS UP TO 6 FEET, PER ASTM F1083.	NOTES: POST & FENCE PIPE SIZES ARE FENCE INDUSTRY STANDARD. ALL PIPE TO BE GALV. (HOT-DIP, ASTM A120 GRADE "A" STEEL). CROSS BRACE ALL POSTS EXCEPT INTERMEDIATES.
LINE POST	2.375" O.D. SCHEDULE 40 PIPE PER ASTM F1083. 10'-0" MAX. SPACING BETWEEN POSTS.	
CORNER POST	3.500" O.D. SCHEDULE 40 PIPE PER ASTM F1083.	
TOP RAIL/BRACE RAIL	1.875" O.D. SCHEDULE 40 PIPE, PER ASTM F1083.	
GATE FRAME	1.875" O.D. SCHEDULE 40 PIPE, PER ASTM F1083.	
GATE LATCH	1.375" O.D. PLUNGER ROD W/ MUSHROOM TYPE CATCH AND LOCK.	CONTRACTOR TO INSTALL (2) GATE HOLDBACKS TO HOLD GATE OPEN DURING USE.
FABRIC	9 GA. CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM A392.	
TIE WIRE	MINIMUM 11 GA. GALVANIZED STEEL AT POSTS AND RAILS A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE BY HOG RINGS SPACED MAX. 24" INTERVALS.	
TENSION WIRE	7 GA. GALVANIZED STEEL.	
BARBED WIRE	DOUBLE STRAND 12-1/2" O.D. TWISTED WIRE TO MATCH WITH FABRIC 14 GA. 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS.	LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENTS SHALL BE COMPLIED WITH IF REQUIRED.



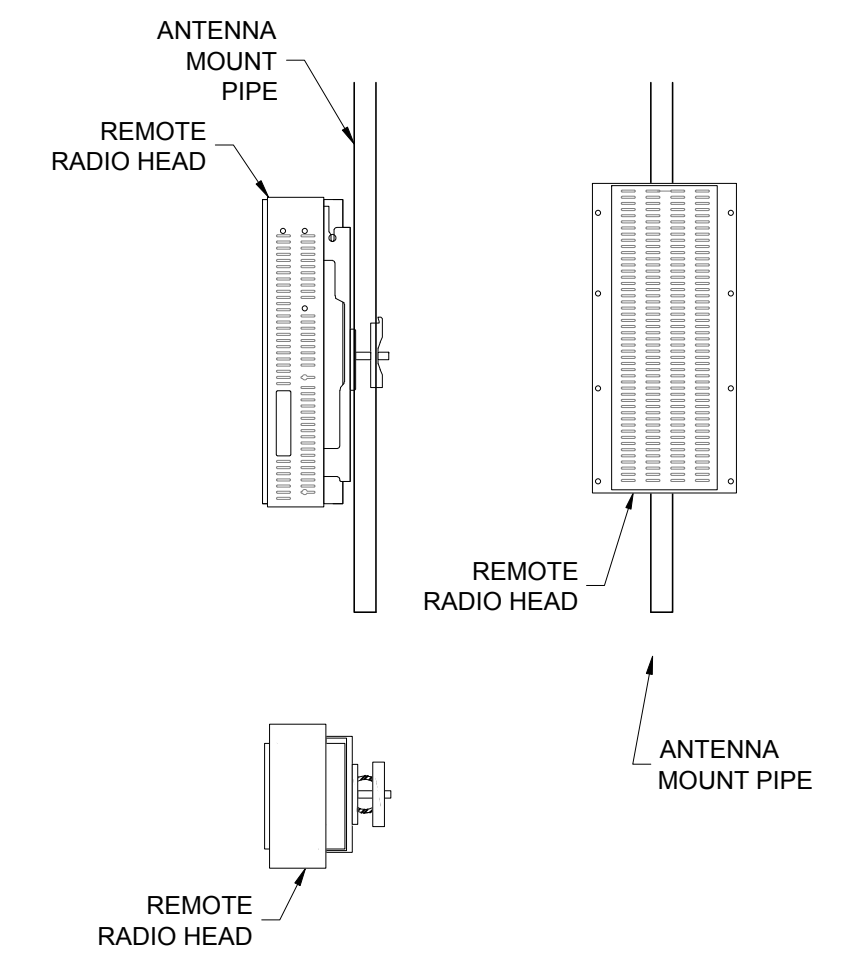
3 INTEGRATED LOAD CENTER DETAIL
C2/C5 SCALE: 1/2" = 1'-0"



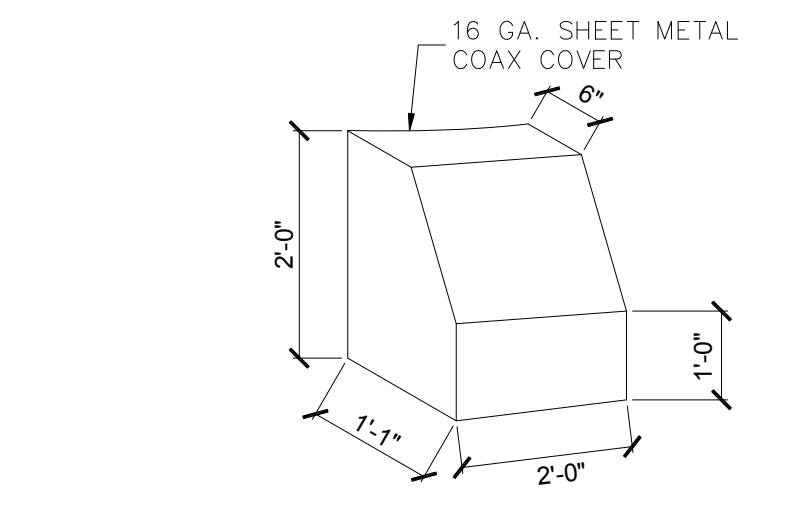
4 MAIN OVP BOX CONNECTION DETAIL
C2/C5 SCALE: N.T.S.



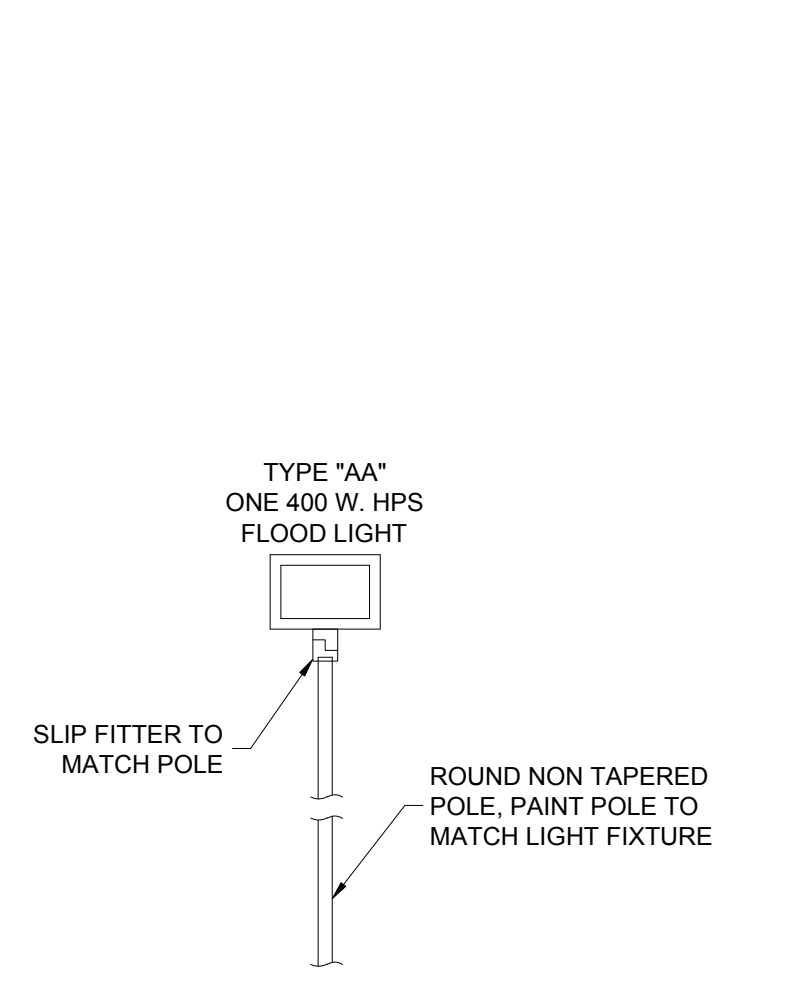
5 MAIN OVP BOX STAND-OFF MOUNT CONNECTION DETAIL
C2/C5 SCALE: N.T.S.



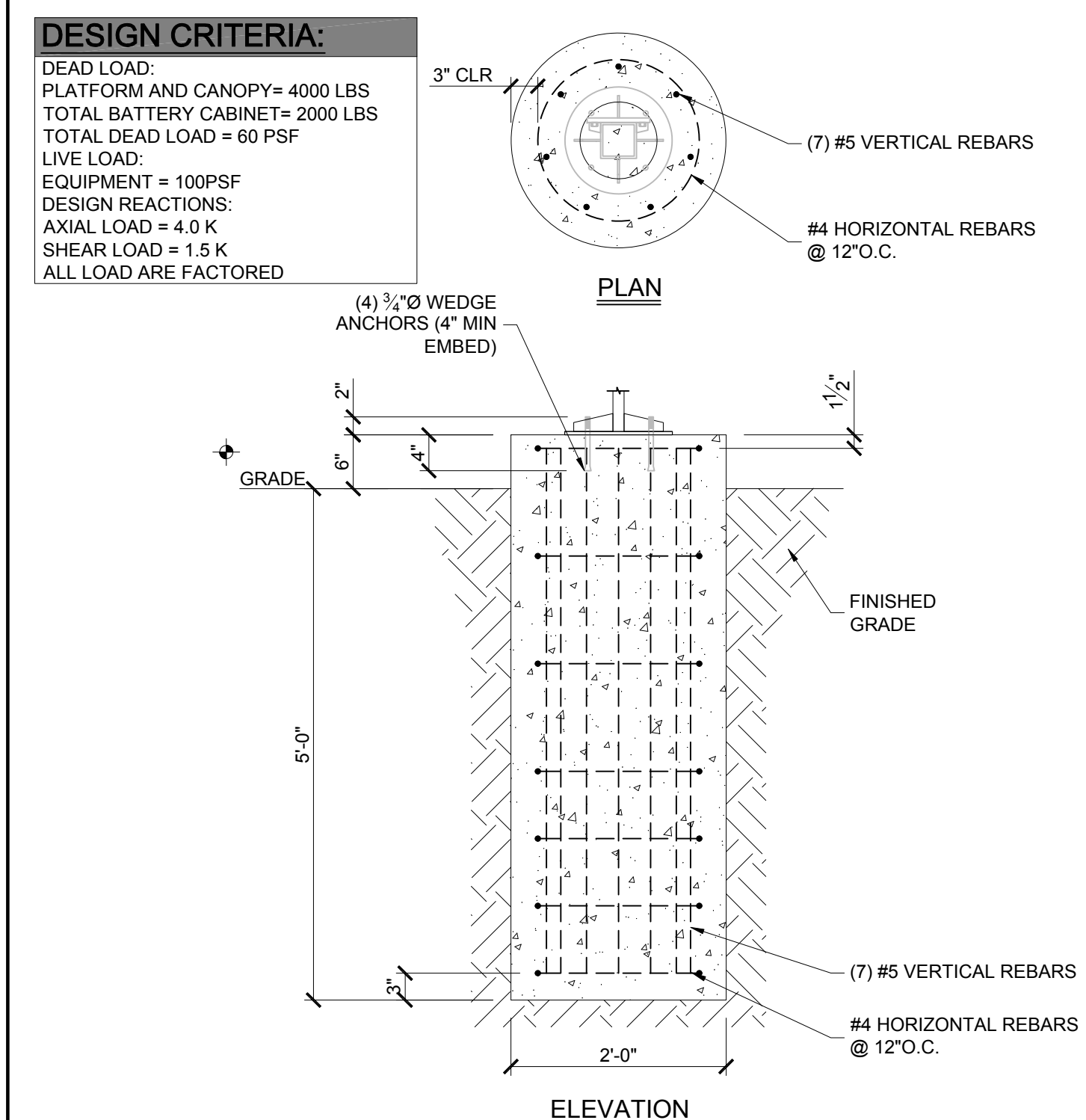
6 REMOTE RADIO HEAD CONNECTION DETAIL
C2/C5 SCALE: 3/4" = 1'-0"



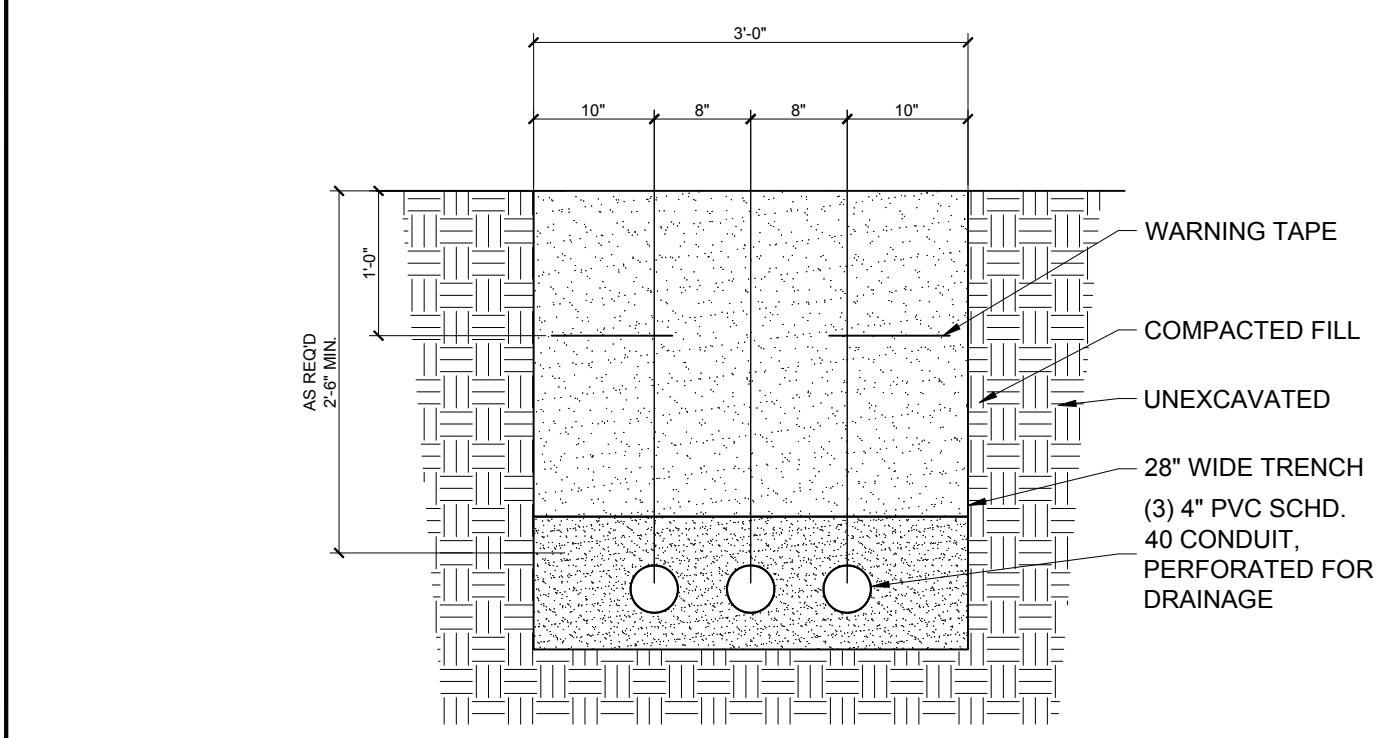
7 DOGHOUSE DETAIL
C2/C5 SCALE: N.T.S.



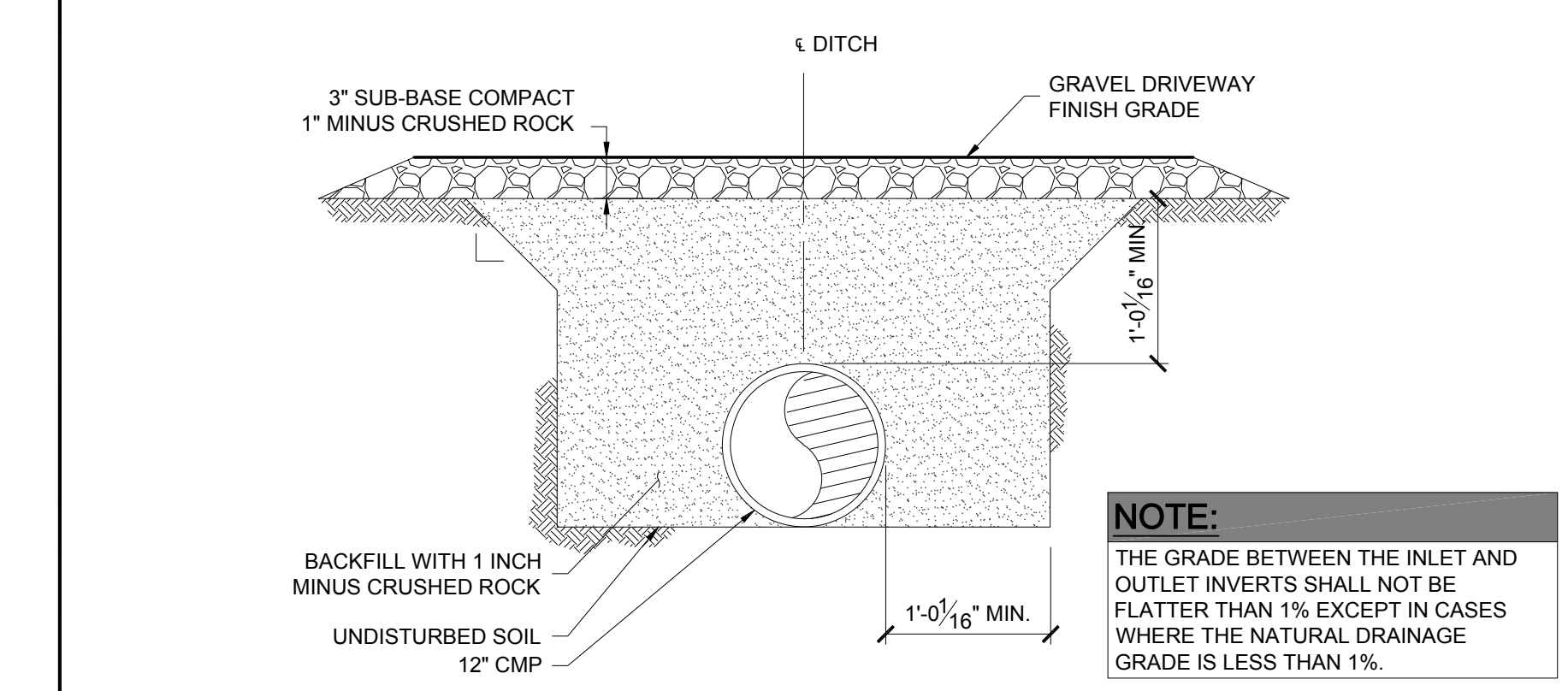
8 TECH LIGHT DETAIL
C2/C5 SCALE: 1/2" = 1'-0"



9 REINFORCED CONCRETE PIER DETAIL
C2/C5 SCALE: 3/4" = 1'-0"



10 UNDERGROUND CONDUIT TRENCH
C2/C5



11 CULVERT DETAIL
C2/C5 SCALE: 1" = 1'-0"

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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 JUDGE (ALT 2)
EXISTING 99'-0" LIGHT POLE
(OVERALL HEIGHT: 100'-0" A.G.L.)
COLLOCATION COMMUNICATION SITE

PROJECT ADDRESS:
9673 TOWNER AVE.
PEYTON, COLORADO 80831
EL PASO COUNTY

SHEET TITLE:
SECTIONS & DETAILS

REV	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - NOT FOR CONSTRUCTION	11/09/18	CV	-

SAVE DATE: 11/19/2018 10:19 AM
SHEET NUMBER: C5

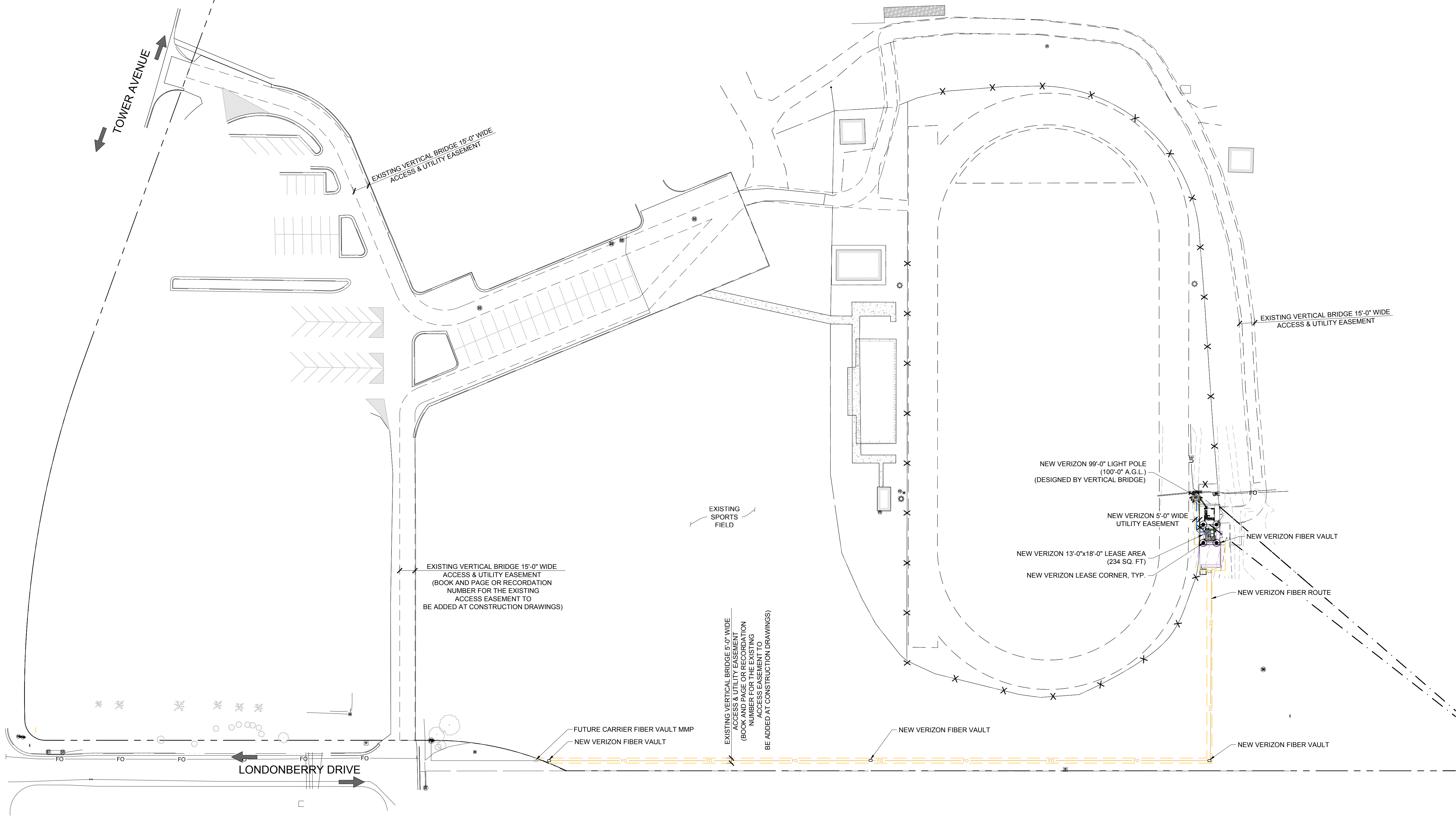
PRELIMINARY FOR LEASING ZONING

GENERAL SITE PLAN NOTES:

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- EXISTING
- WALL HATCH
- NEW WORK/ UTILITY EASEMENT
- ACCESS/UTILITY EASEMENT
- HYDRO CABLE/SOAK
- DC POWER
- FIBER
- ANTENNAS
- RR/HIBU
- LEASE AREA
- EXISTING EASEMENT
- PENETRATIONS

PARENT PARCEL
 FALCON SCHOOL DIST 49
 APN#: 5225300002
 ZONED: RR-5



PRELIMINARY
 FOR LEASING/ZONING

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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 JUDGE (ALT 2)
 EXISTING 99'-0" LIGHT POLE
 (OVERALL HEIGHT: 100'-0" A.G.L.)
 COLLOCATION COMMUNICATION SITE

PROJECT ADDRESS: 9673 TOWNER AVE.
 PEYTON, COLORADO 80831
 EL PASO COUNTY

SHEET TITLE: FIBER COORDINATION SITE PLAN

REV	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - NOT FOR CONSTRUCTION	11/09/18	CV	-

SAVE DATE: 11/19/2018 10:19 AM SHEET NUMBER: TC1

SITE PLAN
 SCALE: 1" = 50'-0"
 NORTH
 SCALE: 1" = 50'-0"

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

NEW VERIZON ANTENNA SCHEDULE:							
ATTACH LEVEL (COR)	AZIMUTHS (DEG., MN)	ANTENNA TYPE	ANTENNA QUANTITY	MOUNT TYPE	COAX (QUANTITY) SIZE (NOMINAL)	ESTIMATED COAX CABLE LENGTH	MECHANICAL DOWN TILT
30'-0"	120° 240°	8' PANEL ANTENNA	9	SEE ANTENNA MOUNT SCHEDULE	(2) LOW INDUCTANCE HYBRID CABLES (NEW)	SEE PLUMBING DIAGRAM	-
50'-0"	0°						

- NOTES:**
- FOR EXACT ANTENNA INFORMATION REFER TO THE RF DESIGN.
 - ALL NEW COAX SHALL BE INSTALLED ON INSIDE OF NEW/EXISTING LIGHT POLE (IF POSSIBLE).
 - CONTRACTOR TO INSTALL DIPLEXERS IN SHELTER AND ON TOWER AS REQUIRED BY RF DESIGN (IF APPLICABLE).

ANTENNA COLOR CODE:	
ANTENNA FUNCTION	COLOR
CDMA-800 B-BAND	RED
CDMA-800 A-BAND	WHITE
PCS-1900	YELLOW
LTE-700	PURPLE

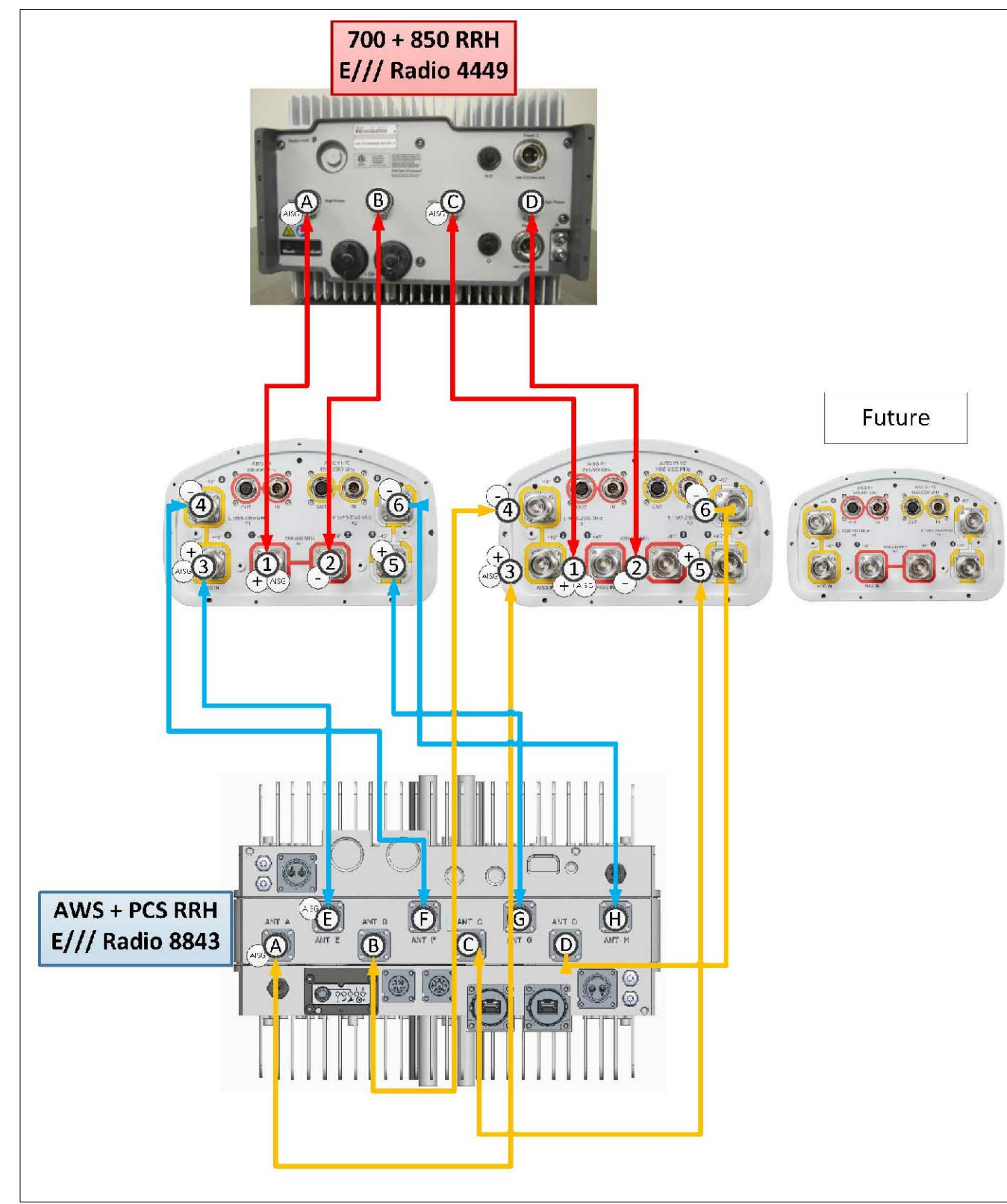
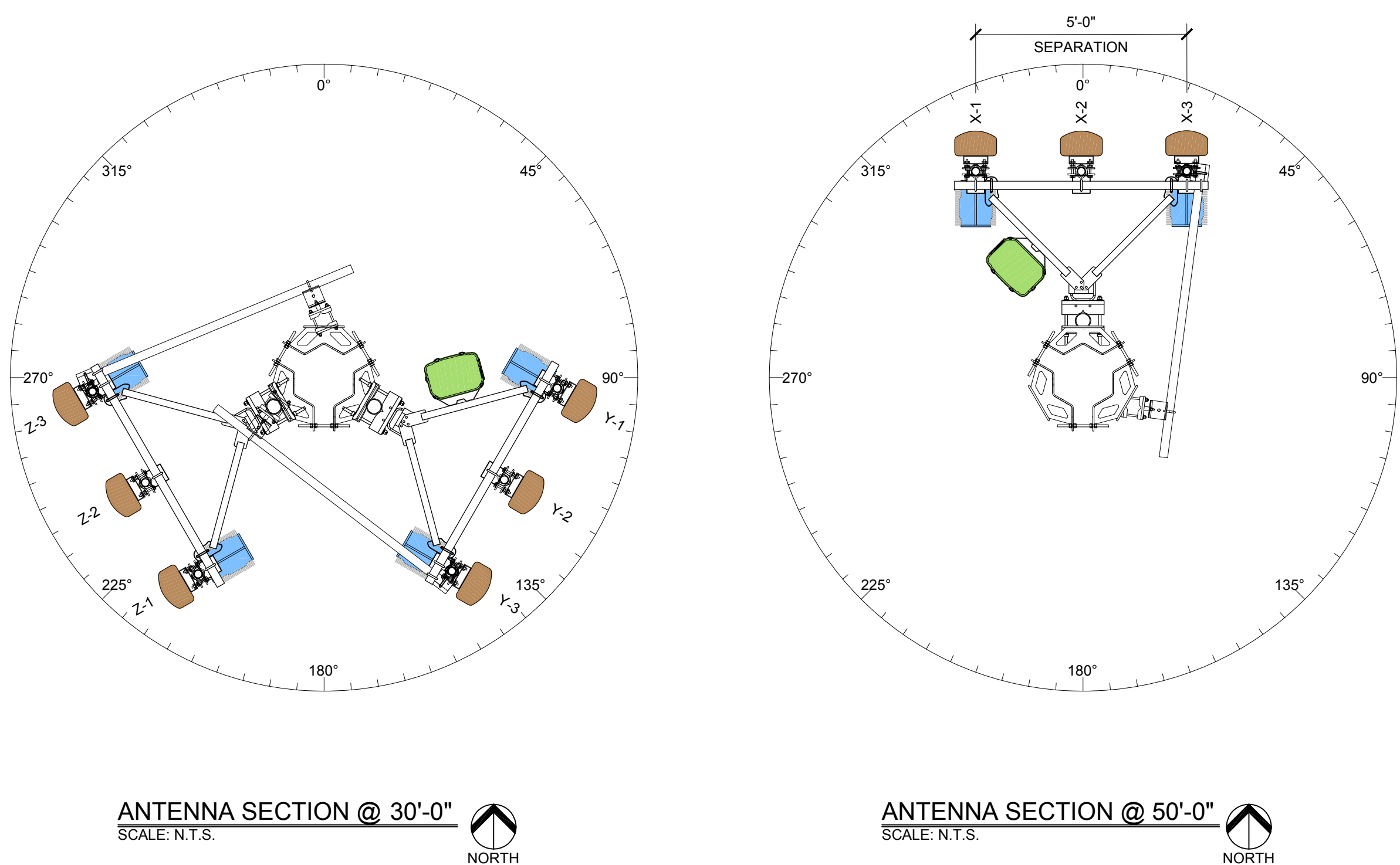
ANTENNA FUNCTION	ANTENNA COLOR CODES					
	X		Y		Z	
	FIRST STRIPE	SECOND STRIPE	FIRST STRIPE	SECOND STRIPE	FIRST STRIPE	SECOND STRIPE
800 VOICE	WHITE/RED	WHITE/YELLOW	BLUE/RED	BLUE/YELLOW	GREEN/RED	GREEN/YELLOW
800 EVDO	WHITE/2 RED	WHITE/2 YELLOW	BLUE/2 RED	BLUE/2 YELLOW	GREEN/2 RED	GREEN/2 YELLOW
800 LTE	WHITE/3 RED	WHITE/3 YELLOW	BLUE/3 RED	BLUE/3 YELLOW	GREEN/3 RED	GREEN/3 YELLOW
1900 EVDO	PURPLE/RED	PURPLE/YELLOW	ORANGE/RED	ORANGE/YELLOW	BROWN/RED	BROWN/YELLOW
1900 VOICE	PURPLE/2 RED	PURPLE/2 YELLOW	ORANGE/2 RED	ORANGE/2 YELLOW	BROWN/2 RED	BROWN/2 YELLOW

- NOTICE:**
- CONTRACTOR SHALL NOT SUBMIT BIDS OR PERFORM CONSTRUCTION WORK ON THIS PROJECT WITHOUT ACCESS TO THE CURRENT COMPLETE SET OF DRAWINGS LISTED IN THE TITLE-SHEET INDEX.

ANTENNA MOUNT SCHEDULE:		
QUANTITY	DESCRIPTION	PART NUMBER(S)
1	MCG23HD SECTOR FRAME, 10'-6" FACE (CUT TO 5'-0") • (3) SECTOR FRAMES • (2) RING MOUNTS • (9) 96" PIPES • (1) STIFF ARM • (3) 10'-6" TIEBACK (TO BE CUT TO FIT)	MCG23HD-10M-9-96

NOTE: ALL PRODUCTS ARE FROM "COMMSCOPE INC OF NORTH CAROLINA" WWW.COMMSCOPE.COM

- GENERAL ANTENNA NOTES:**
- DUAL POLAR ANTENNAS REQUIRE TWO RUNS OF COAX PER ANTENNA.
 - LENGTHS GIVEN ON THIS CHART ARE ESTIMATED FROM AVAILABLE INFORMATION.
 - TYPES AND SIZES OF THE ANTENNA CABLES ARE BASED ON THE ESTIMATED LENGTH OF THE CABLES. CONTRACTOR TO VERIFY ALL ACTUAL LENGTHS IN FIELD PRIOR TO INSTALLATION AND NOTIFY THE FIELD ENGINEER FOR VERIFICATION OF SIZES OF CABLES.
 - CONTRACTOR TO PROVIDE AS BUILT FOR THE LENGTH OF CABLES UPON COMPLETION OF INSTALLATION.
 - CONTRACTOR TO PROVIDE FINAL CABLE LENGTHS AND RETURN LOSSES FOR ALL CABLES.
 - ALL AZIMUTHS REFERENCE TRUE NORTH. CONSULT REQUIRED QUADRANGLE MAP FOR NECESSARY MECHANICAL DECLINATION.



RRH HYBRID CABLE DIAGRAM AND CHART
SCALE: N.T.S.

DIAGRAM ABBREVIATIONS:

T.O.M. =	TOP OF LIGHT POLE
O.E.C. =	OUTDOOR EQUIPMENT CABINET
RRH =	REMOTE RADIO HEAD
PDF =	POWER DISTRIBUTION FRAME
LTE =	LTE PANEL ANTENNA
AWS =	AWS PANEL ANTENNA
PCS =	PCS PANEL ANTENNA

NEW HYBRID CABLE LENGTHS:

FROM (MAIN OVP) TO (MAIN OVP)				
SECTOR	CABLE/COAX SIZE (NOMINAL)	CABLE/COAX (QUANTITY)	ESTIMATED CABLE/COAX LENGTH	
X	HYB 6X12	1	~100'	
Y & Z	HYB 6X12	1	~80'	

FROM (MAIN OVP) TO (RRH)				
SECTOR	CABLE/COAX SIZE (NOMINAL)	CABLE/COAX (QUANTITY)	ESTIMATED CABLE/COAX LENGTH	
X	HYB 1X1	1	~8"	
	HYB 1X1	1	~12"	
Y	HYB 1X1	1	~7"	
	HYB 1X1	1	~10"	
Z	HYB 1X1	1	~12"	
	HYB 1X1	1	~17"	

FROM (RRH) TO (ANTENNAS)				
SECTOR	CABLE/COAX SIZE (NOMINAL)	CABLE/COAX (QUANTITY)	ESTIMATED CABLE/COAX LENGTH	
X	1/2"Ø	12	CUT TO FIT	
Y	1/2"Ø	12	CUT TO FIT	
Z	1/2"Ø	12	CUT TO FIT	

PRELIMINARY FOR LEASING/ZONING

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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 JUDGE (ALT 2)
EXISTING 99'-0" LIGHT POLE
(OVERALL HEIGHT: 100'-0" A.G.L.)
COLLOCATION COMMUNICATION SITE

PROJECT ADDRESS:

9673 TOWNER AVE.
PEYTON, COLORADO 80831
EL PASO COUNTY

SHEET TITLE:

ANTENNA INFORMATION & RRH
HYBRID CABLE DIAGRAM & CHART

REV	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - NOT FOR CONSTRUCTION	11/09/18	CV	-

SAVE DATE: 11/19/2018 10:19 AM

SHEET NUMBER: RF1

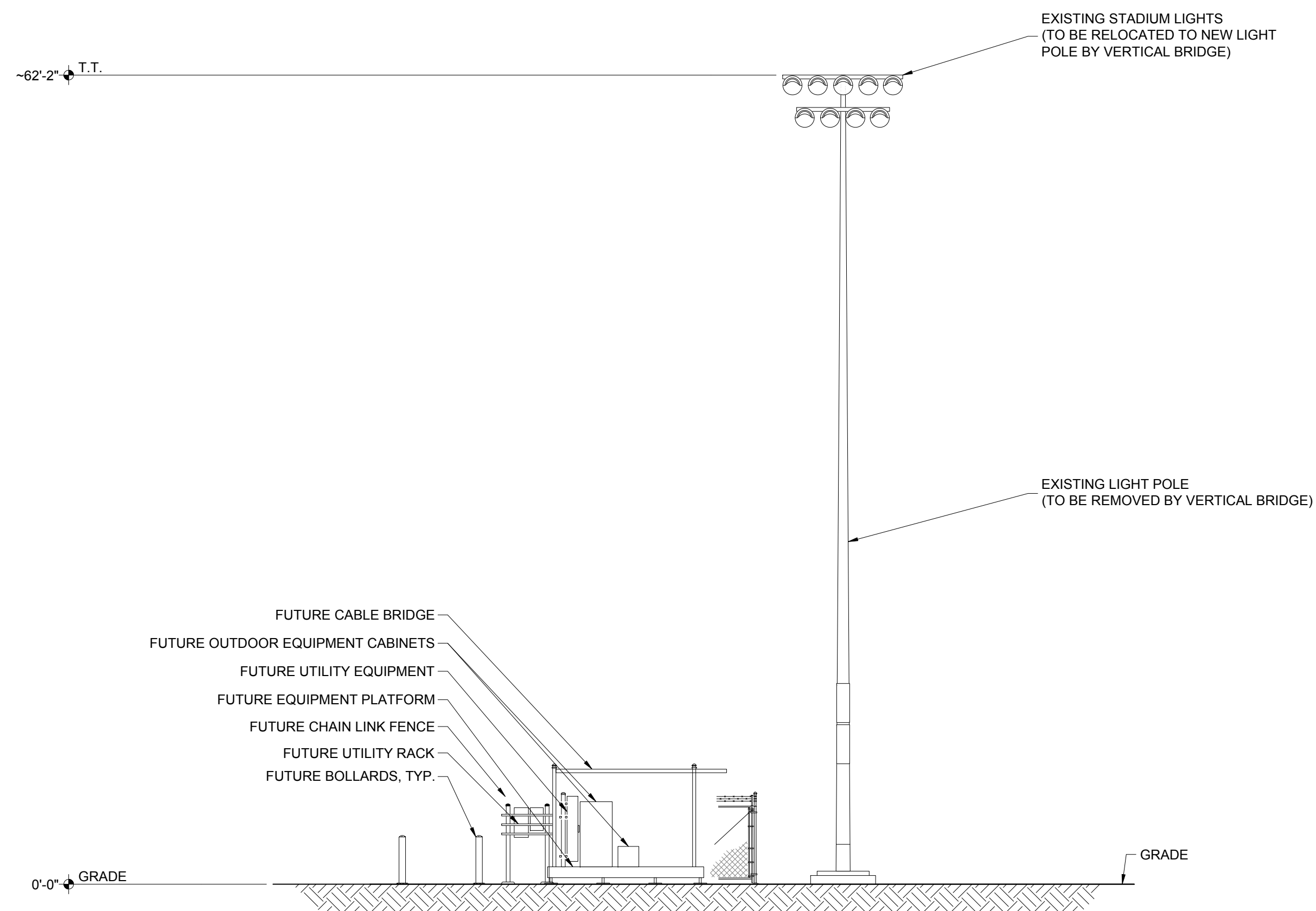
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NOTE:
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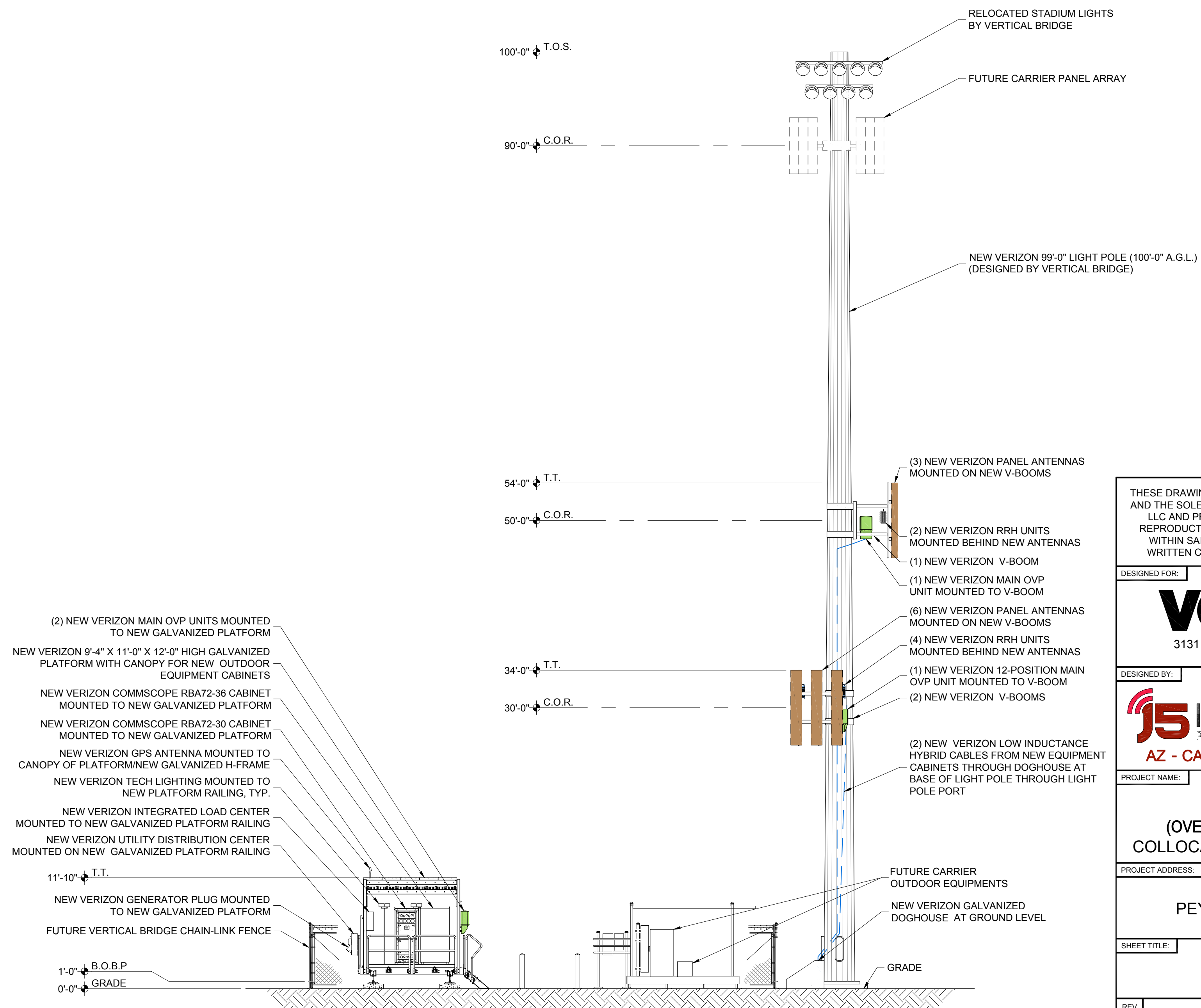
KEY:

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

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



EXISTING EAST ELEVATION
SCALE: 1/8" = 1'-0"



NEW EAST ELEVATION
SCALE: 1/8" = 1'-0"

PRELIMINARY
FOR LEASING/ZONING

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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 JUDGE (ALT 2)
NEW 99'-0" LIGHT POLE
(OVERALL HEIGHT: 100'-0" A.G.L.)
COLLOCATION COMMUNICATION SITE**

PROJECT ADDRESS: **9755 TOWNER AVE.
PEYTON, COLORADO 80831
EL PASO COUNTY**

SHEET TITLE: **ELEVATIONS**

REV	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - FOR LEASING & ZONING	07/17/18	RT	-

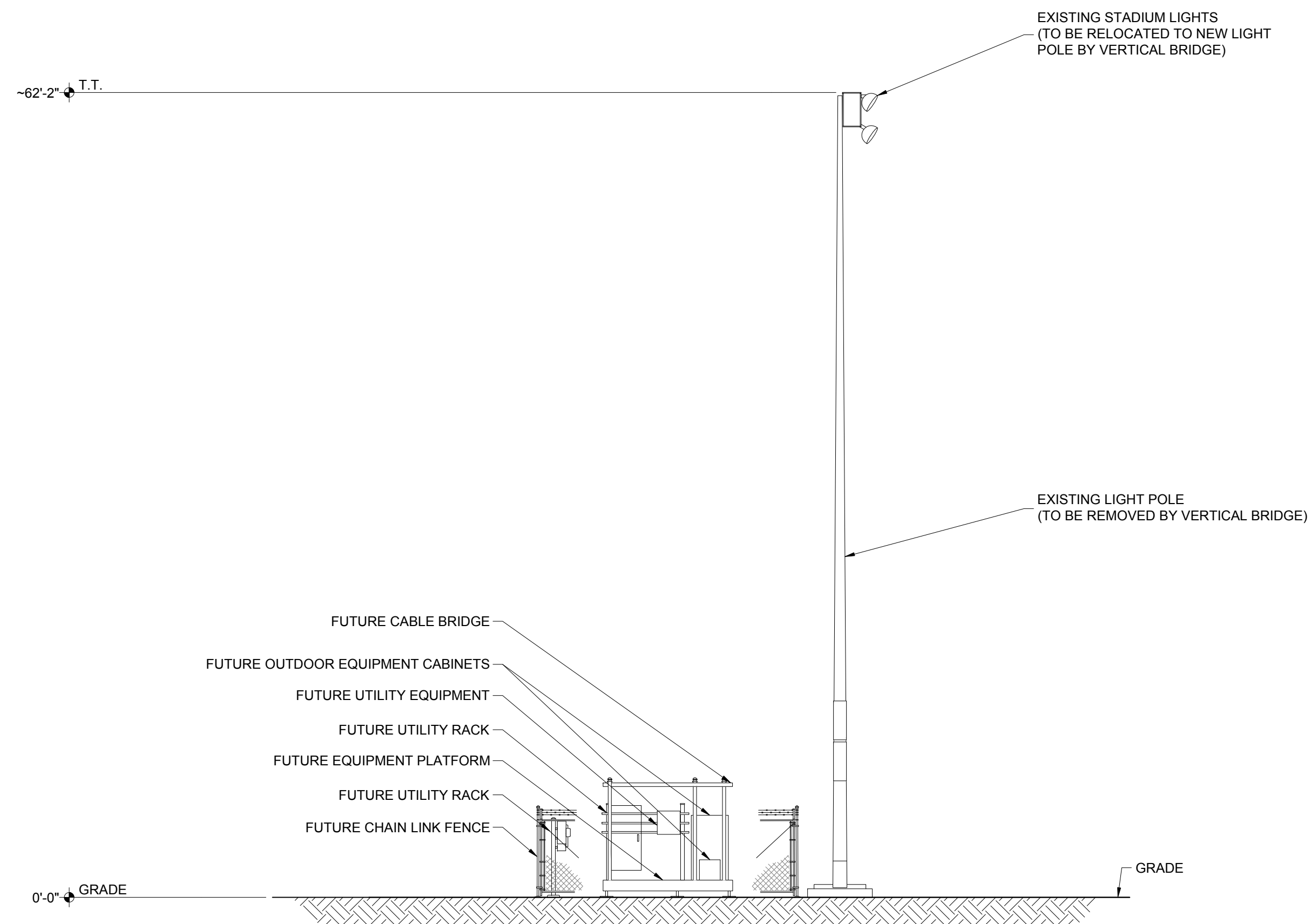
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NOTE:
SITE IS PREVIOUSLY APPROVED NOT YET INSTALLED.

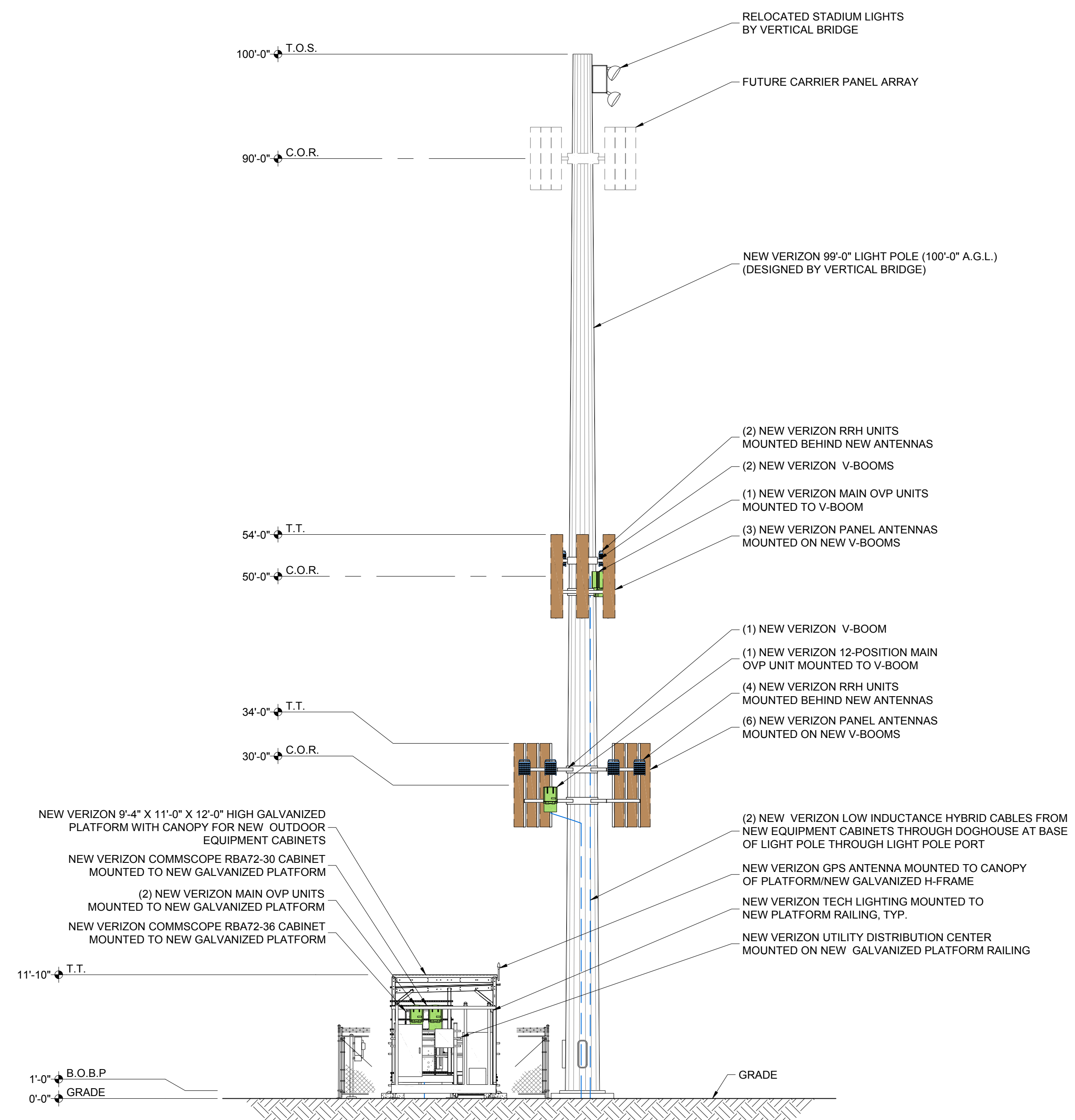
EXISTING
WALL HATCH
NEW WORK/
UTILITY EASEMENT
ACCESS/UTILITY
EASEMENT
HYBRID CABLES/CAX
DC POWER
FIBER
ANTENNAS
RR/HBBU
LEASE AREA
EXISTING
EASEMENT
PENETRATIONS

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



EXISTING NORTH ELEVATION
SCALE: 1/8" = 1'-0"



NEW NORTH ELEVATION
SCALE: 1/8" = 1'-0"

PRELIMINARY
FOR LEASING/ZONING

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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 JUDGE (ALT 2)
NEW 99'-0" LIGHT POLE
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COLLOCATION COMMUNICATION SITE

PROJECT ADDRESS:
9755 TOWNER AVE.
PEYTON, COLORADO 80831
EL PASO COUNTY

SHEET TITLE: ELEVATIONS

REV	DESCRIPTION	DATE	BY	CHK
A	PRELIMINARY - FOR LEASING & ZONING	07/17/18	RT	-

SAVE DATE: 7/16/2018 3:39 PM

SHEET NUMBER: Z4