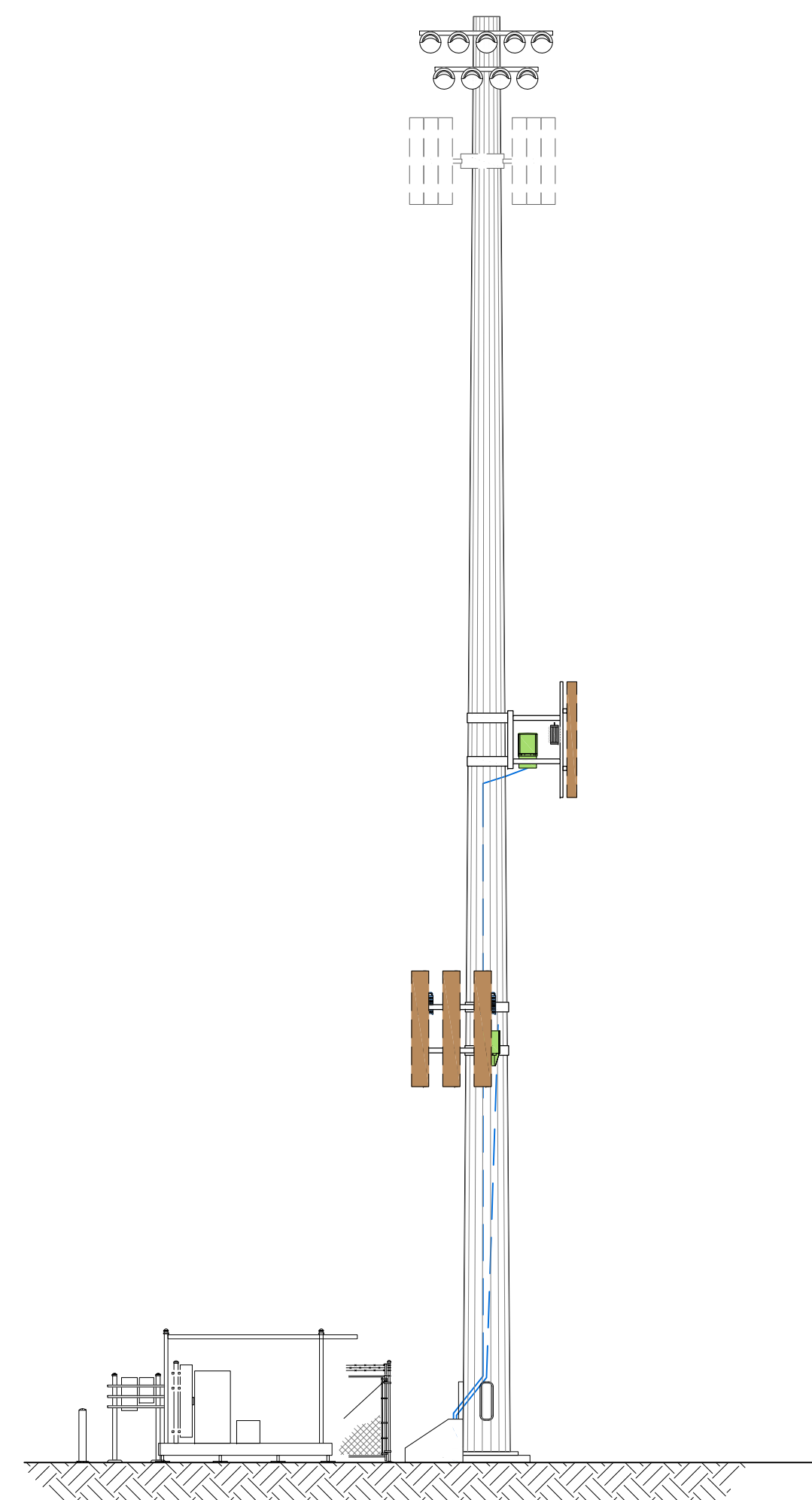


EXISTING
WALL HATCH
NEW WORK/
UTILITY EASEMENT
ACCESS/UTILITY
EASEMENT
HYBRID CABLESCOPE
DC POWER
FIBER
ANTENNAS
RR/HBBU
LEASE AREA
EXISTING
EASEMENT
PENETRATIONS



CSP JUDGE (ALT 2)

PROJECT NO. 20171579416
PUBLIC RECORD PARCEL NO. 5225300002

9755 TOWNER AVE.
PEYTON, COLORADO 80831
EL PASO COUNTY

NEW 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.

PRELIMINARY
FOR LEASING/ZONING

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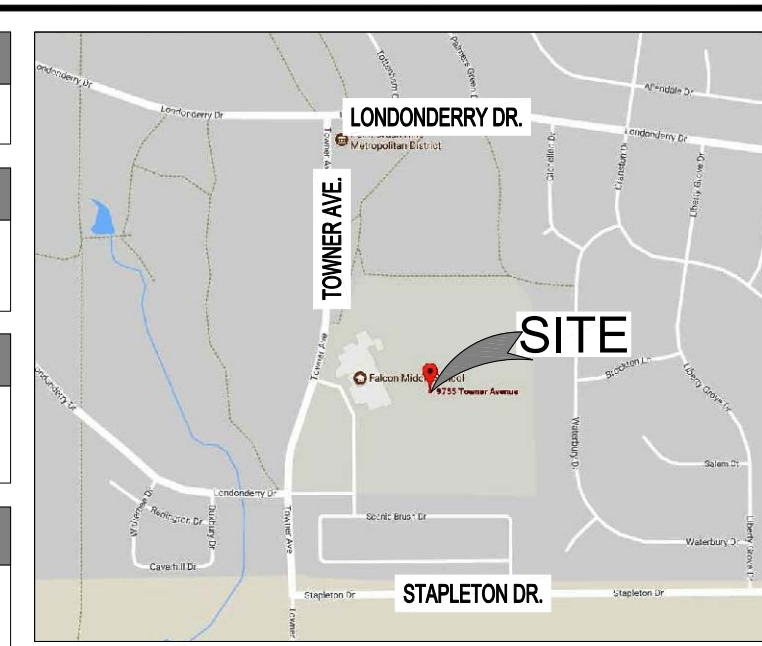
SHEET INDEX		
SHEET	TITLE	REV.
T1	TITLE SHEET	A
SP1	SPECIFICATION & PHOTO SHEET	A
Z1	SITE PLAN & SETBACK SITE PLAN	A
Z2	ENLARGED SITE PLAN & EQUIPMENT LAYOUT PLAN	A
Z3	ELEVATIONS	A
Z4	ELEVATIONS	A
TC1	FIBER COORDINATION SITE PLAN	A
RF1	ANTENNA INFORMATION & RRH/HYBRID CABLE DIAGRAM & CHART	A

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

GENERAL PROJECT NOTES:	
1.	PRIOR TO SUBMITTING A BID, THE CONTRACTOR SHALL FAMILIARIZE HIMSELF/HERSELF WITH THE SCOPE OF WORK AND ALL CONDITIONS AFFECTING THE PROPOSED PROJECT.
2.	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.
3.	ALL FIELD MODIFICATIONS BEFORE, DURING, OR AFTER CONSTRUCTION SHALL BE APPROVED IN WRITING BY A VERIZON REPRESENTATIVE.
4.	INSTALL ALL EQUIPMENT AND MATERIALS PER THE MANUFACTURER'S RECOMMENDATIONS, UNLESS INDICATED OTHERWISE.
5.	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.
6.	CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES OF THE WORK UNDER THE CONTRACT.
7.	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.
8.	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.
9.	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
JURISDICTION:	EL PASO COUNTY 2880 INTERNATIONAL CIRCLE, SUITE 100 COLORADO SPRINGS, COLORADO 80910
PUBLIC RECORD PARCEL NO.:	5225300002
CONTACT:	MELISSA ANDREWS PHONE: 719-494-8997
CONTACT:	MICHAEL REBENAR, PLANNER PHONE: 719-520-6442

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.



VICINITY MAP
SCALE: N.T.S.
NORTH

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"Ø 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/STATE HWY 83 FOR 36.1 MI, TURN LEFT ONTO HODGEN RD FOR 8.5 MI, TURN RIGHT ONTO MERIDIAN RD FOR 6.8 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)
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:

TITLE SHEET

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

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

SHEET NUMBER: T1

Add PCD
File No.
TWR184

EXISTING
 WALL HATCH
 NEW WORK/ UTILITY EASEMENT
 ACCESS/UTILITY EASEMENT
 HYBRID COAX
 DC POWER
 FIBER
 ANTENNAS
 RR/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 7-10, "MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES" & ANSI TIA-222-G "STRUCTURAL STANDARD FOR ANTENNA SUPPORTING STRUCTURES AND ANTENNAS".

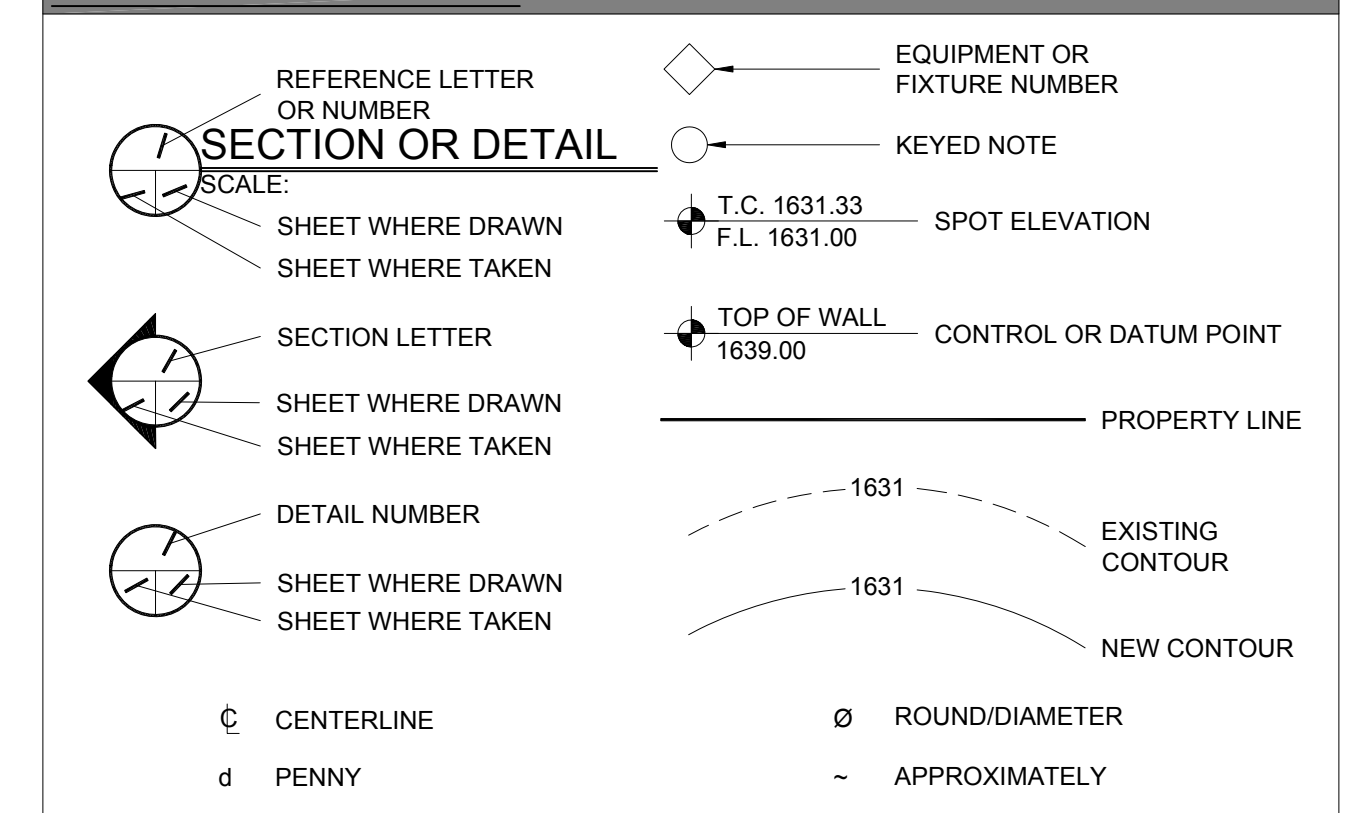
BUILDING STRUCTURES:

- 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
 $V = F(S_{DS})W$
 $R = 1.0$ (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
 $V = S_{ds}(W)$ (EQUIVALENT LATERAL FORCE PROCEDURE (METHOD 1))
 $R = 1.0$
 $V = S_{sz}(Wz)$ (EQUIVALENT MODAL ANALYSIS PROCEDURE (METHOD 2))
 $R = 1.0$

LEGEND OF SYMBOLS:



PROPOSED WORK COLOR LEGEND

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

PRELIMINARY
 FOR LEASING/ZONING



VIEW OF EXISTING STADIUM LIGHT POLE (LOOKING SOUTHEAST)



VIEW OF NEW LEASE AREA (AERIAL VIEW)

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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:

SPECIFICATION & PHOTO SHEET

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

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

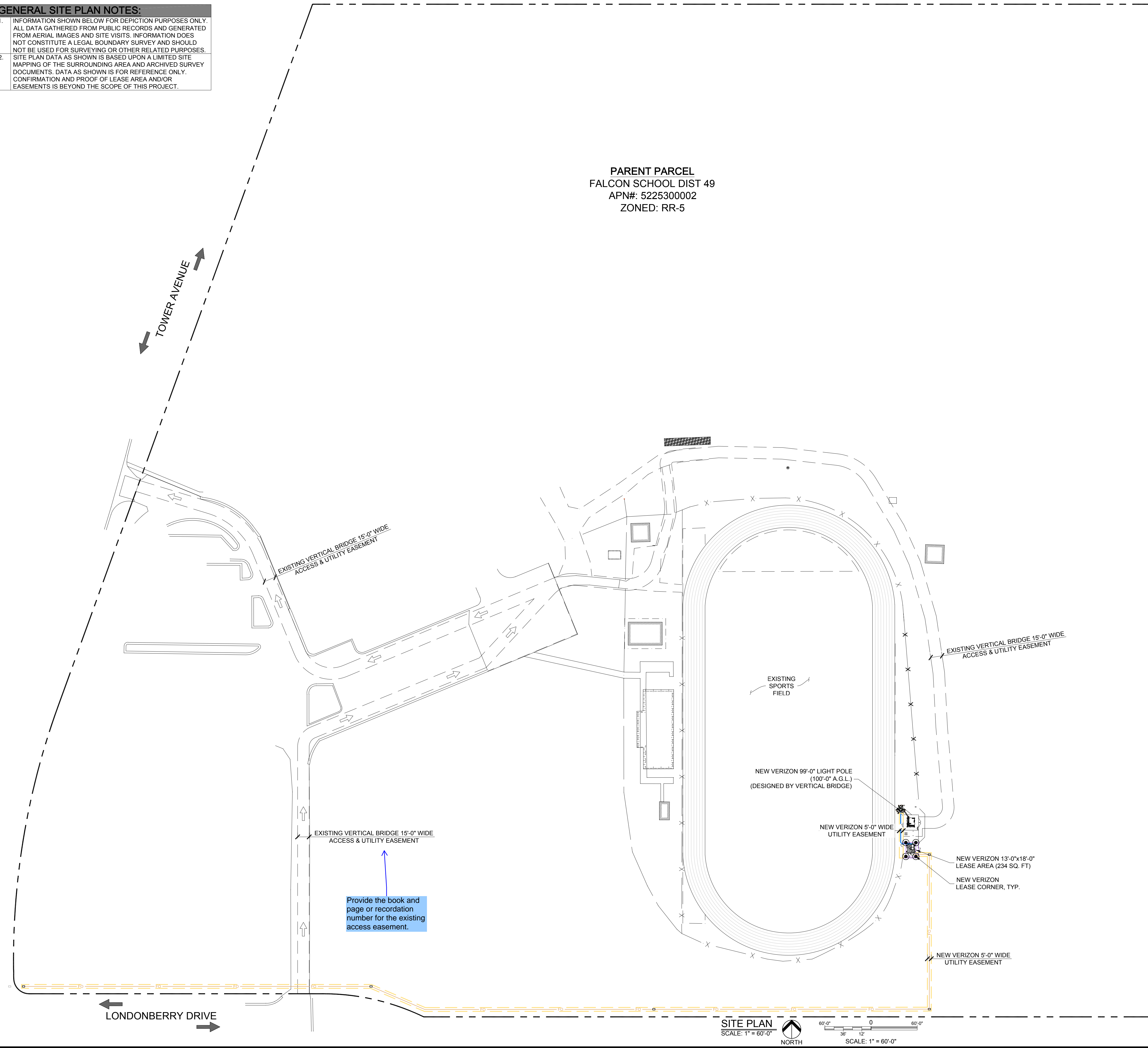
SHEET NUMBER: **SP1**

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
- HYBRID CABLE/SOAX
- DC POWER
- FIBER
- ANTENNAS
- RR/HBBU
- LEASE AREA
- EXISTING EASEMENT
- PENETRATIONS

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



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

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)
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:
SITE PLAN & SETBACK SITE PLAN

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

SAVE DATE: 7/16/2018 3:39 PM
SHEET NUMBER: Z1

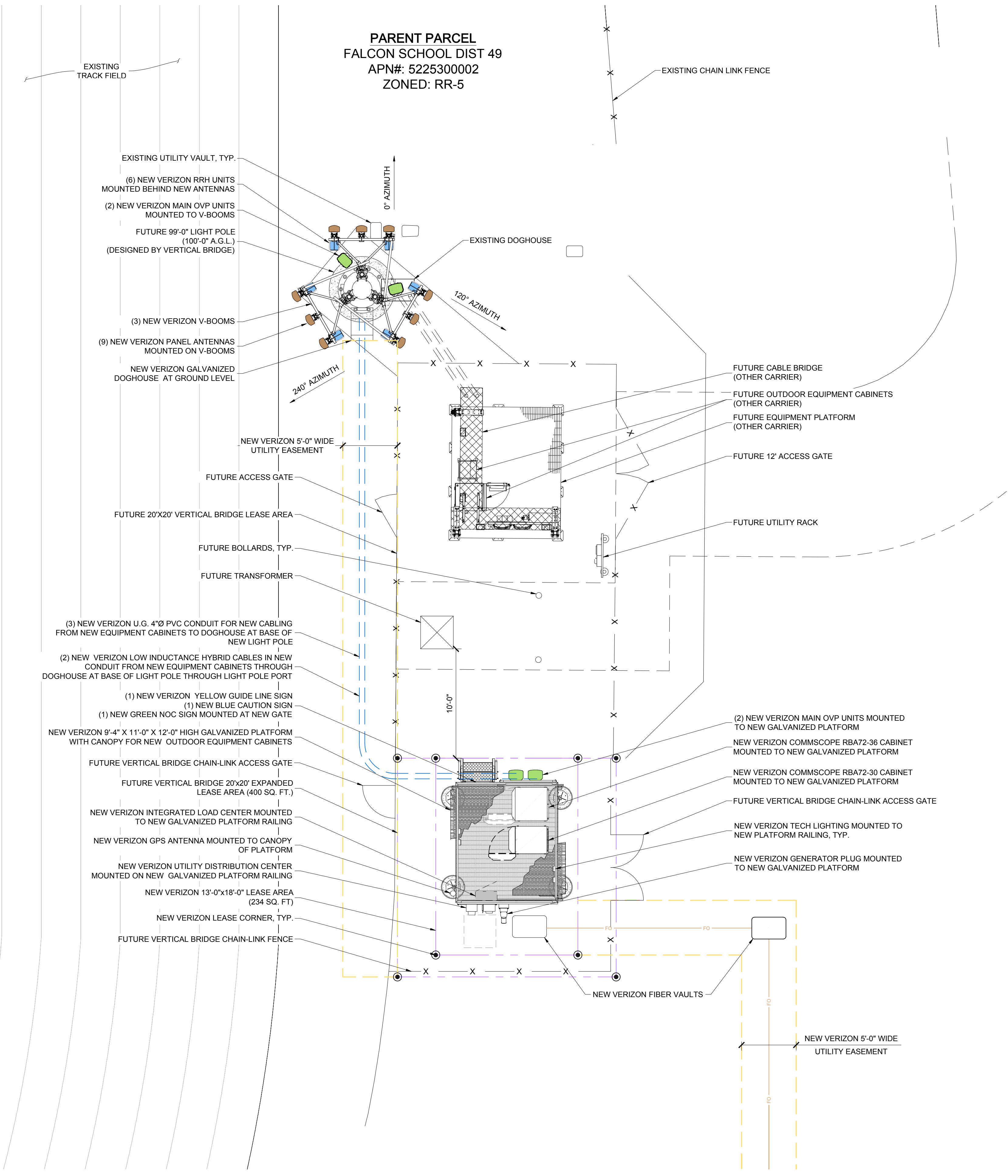
- EXISTING
- WALL HATCH
- NEW WORK/ UTILITY EASEMENT
- ACCESS/UTILITY EASEMENT
- HYBRID CABLESCOPE
- DC POWER
- FIBER
- ANTENNAS
- RR/HBBU
- LEASE AREA
- EXISTING EASEMENT
- PENETRATIONS

SITE NOTES:

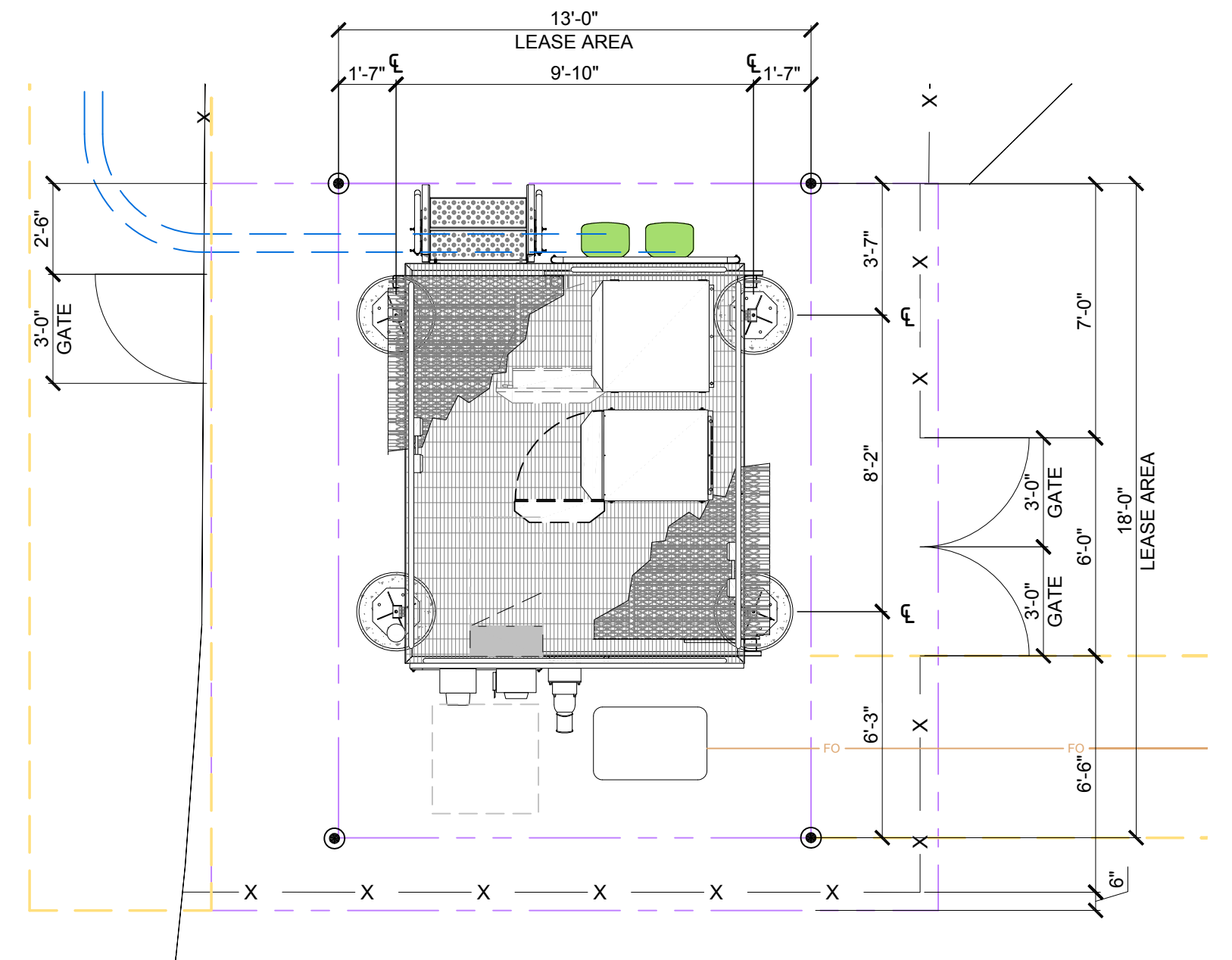
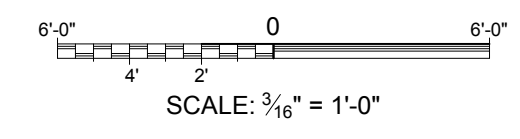
- PRIOR TO EXCAVATION, CONTRACTOR SHALL CHECK THE AREA FOR UNDERGROUND FACILITIES.
- EXISTING ANTENNAS BY OTHER CARRIERS NOT SHOWN FOR CLARITY.

GENERAL SITE PLAN NOTES:

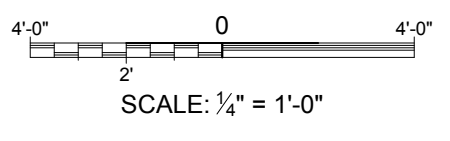
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ENLARGED SITE PLAN
SCALE: 3/16" = 1'-0"



EQUIPMENT LAYOUT PLAN
SCALE: 1/4" = 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)
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:

ENLARGED SITE PLAN
&
EQUIPMENT LAYOUT PLAN

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

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

SHEET NUMBER: Z2

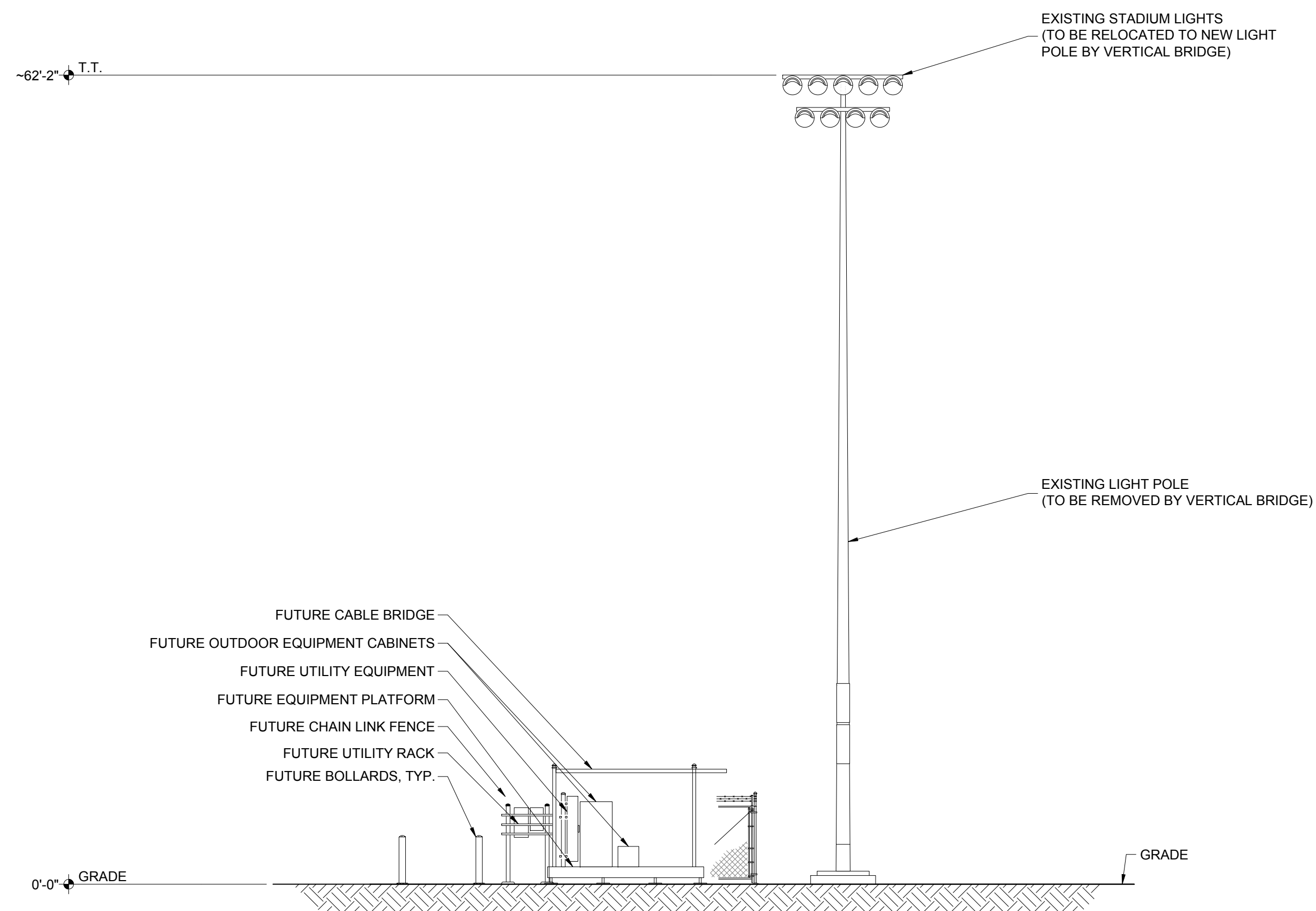
PRELIMINARY FOR LEASING/ZONING

NOTE:
SITE IS PREVIOUSLY APPROVED NOT YET INSTALLED.

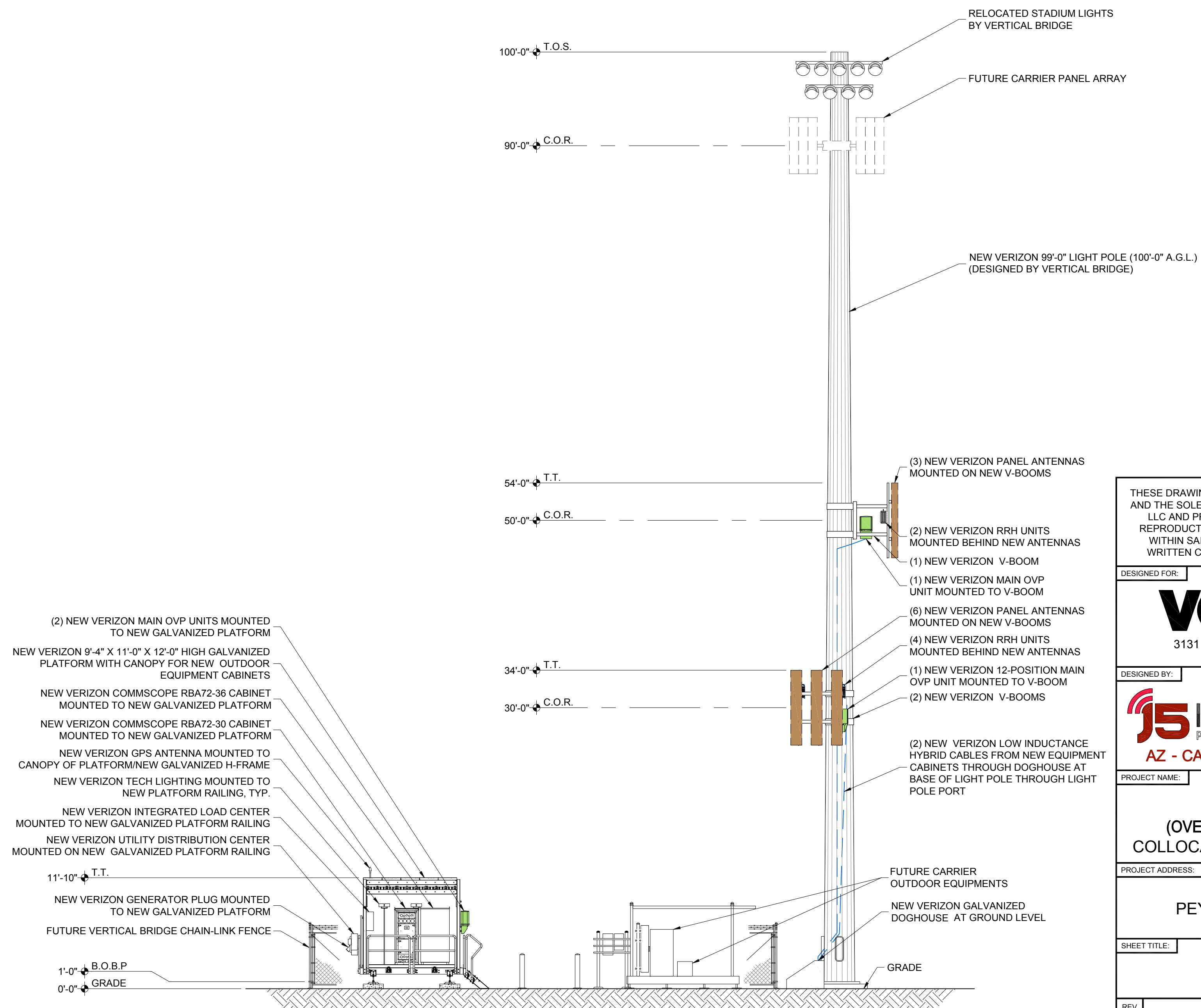
EXISTING
WALL HATCH
NEW WORK/
UTILITY EASEMENT
ACCESS/UTILITY
EASEMENT
HYBRID CABLES/CAN
DC POWER
FIBER
ANTENNAS
RR/HBBU
LEASE AREA
EXISTING
EASEMENT
PENETRATIONS

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 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	-

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

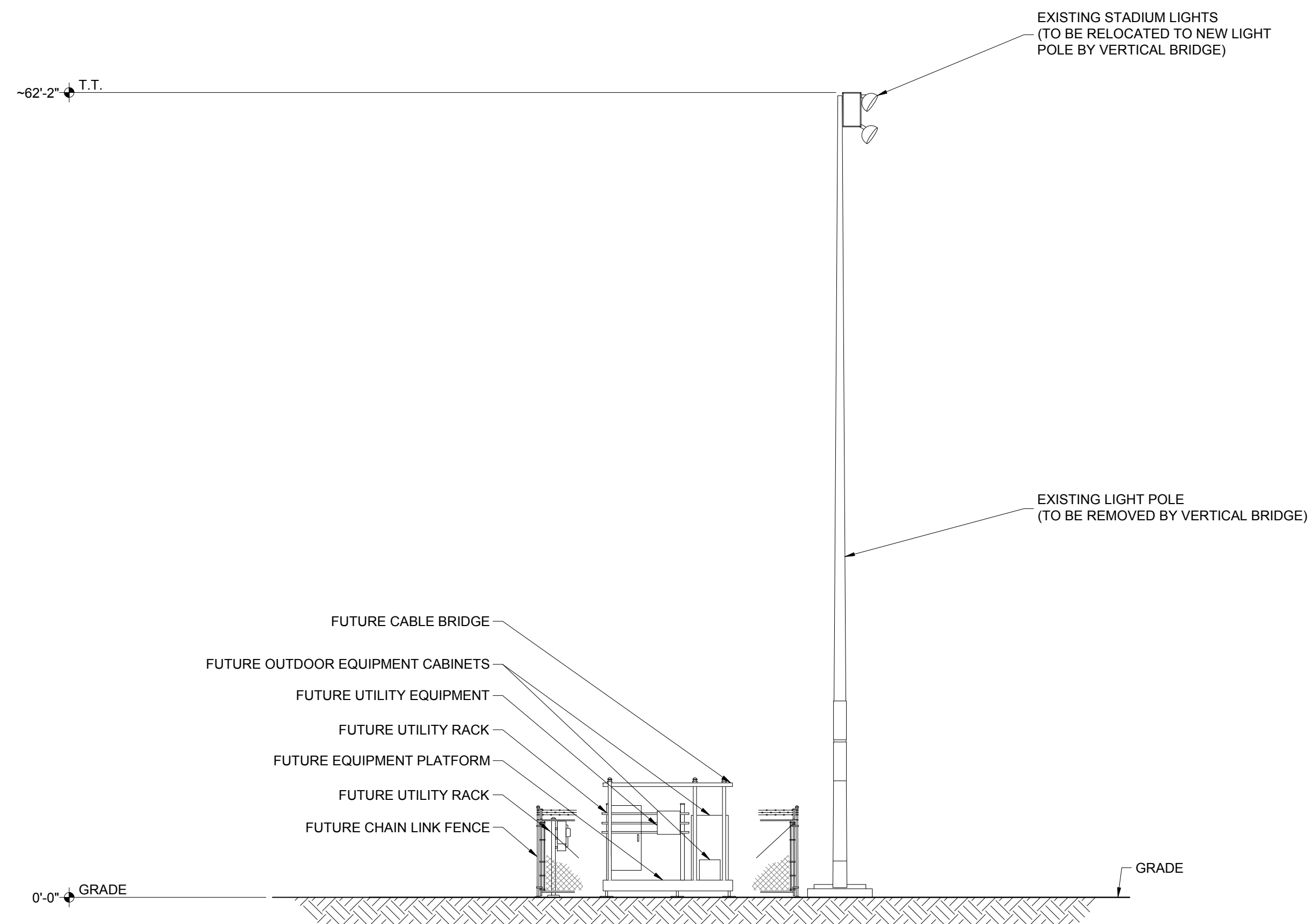
SHEET NUMBER: Z3

NOTE:
SITE IS PREVIOUSLY APPROVED NOT YET INSTALLED.

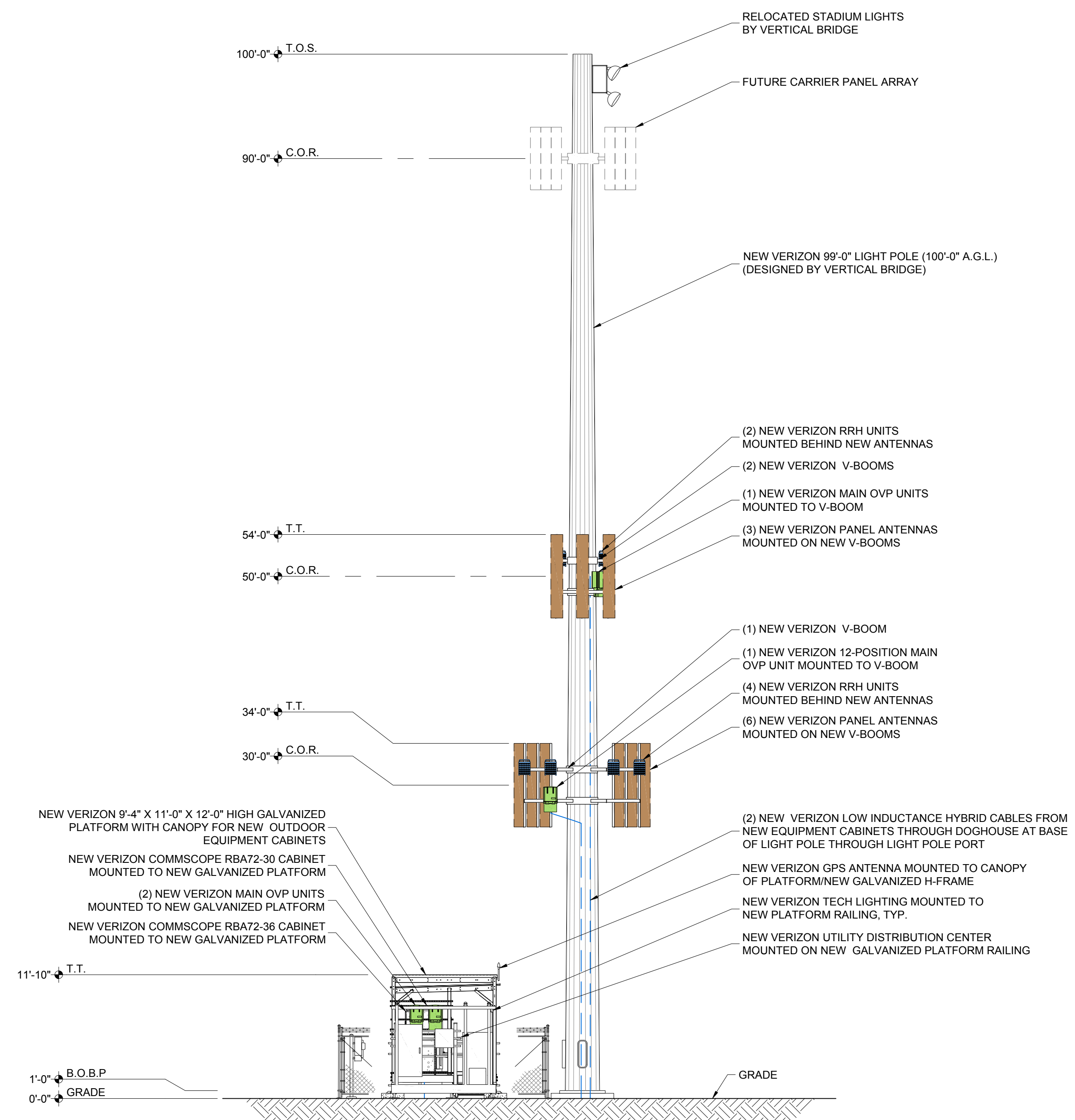
EXISTING
WALL HATCH
NEW WORK/
UTILITY EASEMENT
ACCESS/UTILITY
EASEMENT
HYBRID CABLES/CAX
DC POWER
FIBER
ANTENNAS
RR/HBBU
LEASE AREA
EXISTING
EASEMENT
PENETRATIONS

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
(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	-

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

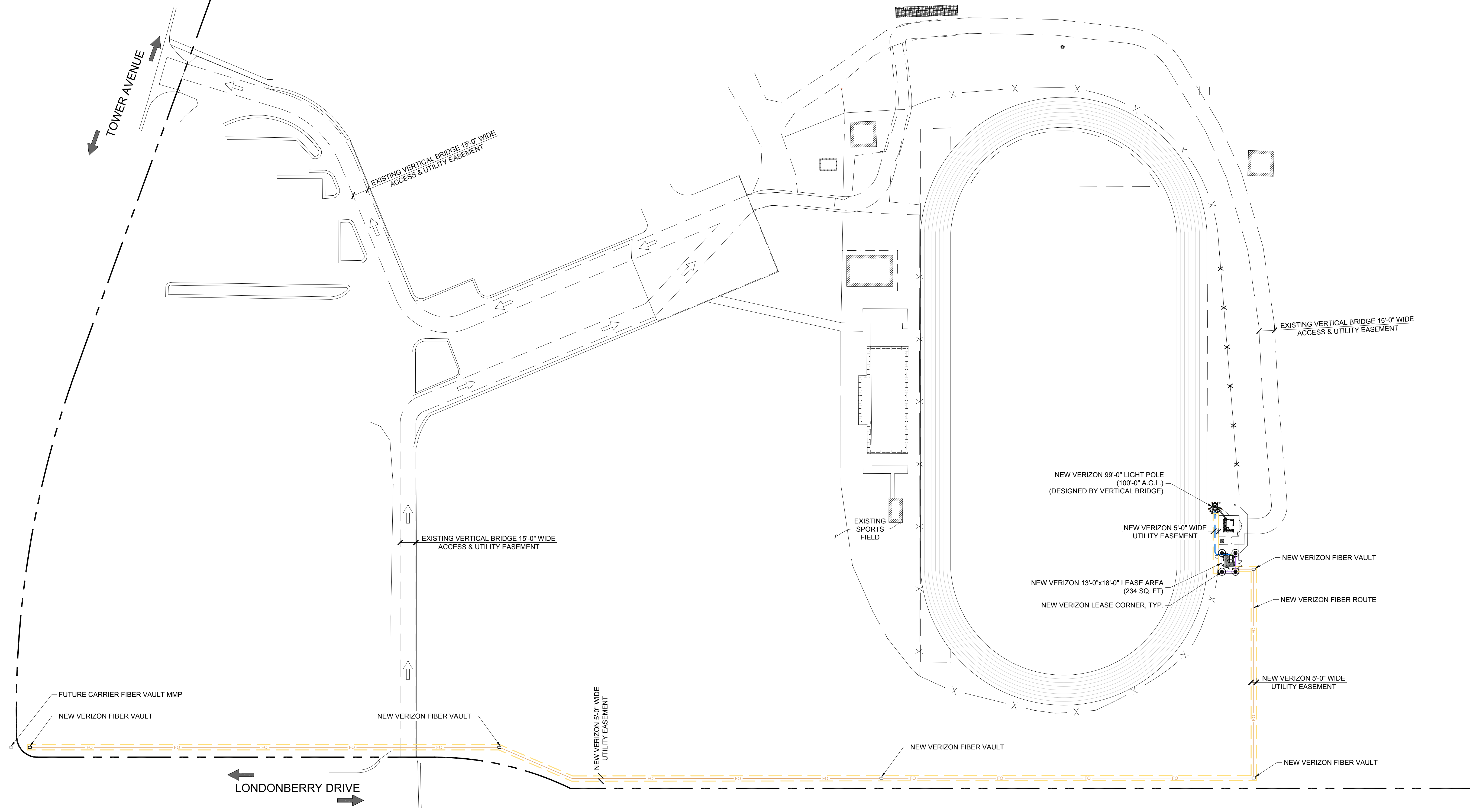
SHEET NUMBER: Z4

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
- HYBRID CABLE/SOAX
- DC POWER
- FIBER
- ANTENNAS
- RR/HBBU
- LEASE AREA
- EXISTING EASEMENT
- PENETRATIONS

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



PRELIMINARY
FOR LEASING/ZONING

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

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

PROJECT ADDRESS:
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PEYTON, COLORADO 80831
EL PASO COUNTY

SHEET TITLE:
FIBER COORDINATION SITE PLAN

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

SAVE DATE: 7/16/2018 3:39 PM
SHEET NUMBER: TC1

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

SCALE: 1" = 50'-0"

EXISTING WALL HATCH NEW WORK/ UTILITY EASEMENT ACCESS/UTILITY EASEMENT HYBRID CABLE/COAX DC POWER FIBER ANTENNAS RRH/BBU 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:
 1. FOR EXACT ANTENNA INFORMATION REFER TO THE RF DESIGN.
 2. ALL NEW COAX SHALL BE INSTALLED ON INSIDE OF NEW/EXISTING LIGHT POLE (IF POSSIBLE).
 3. CONTRACTOR TO INSTALL DIXELERS 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 SECTOR	
X	GREEN
Y	ORANGE
Z	BROWN

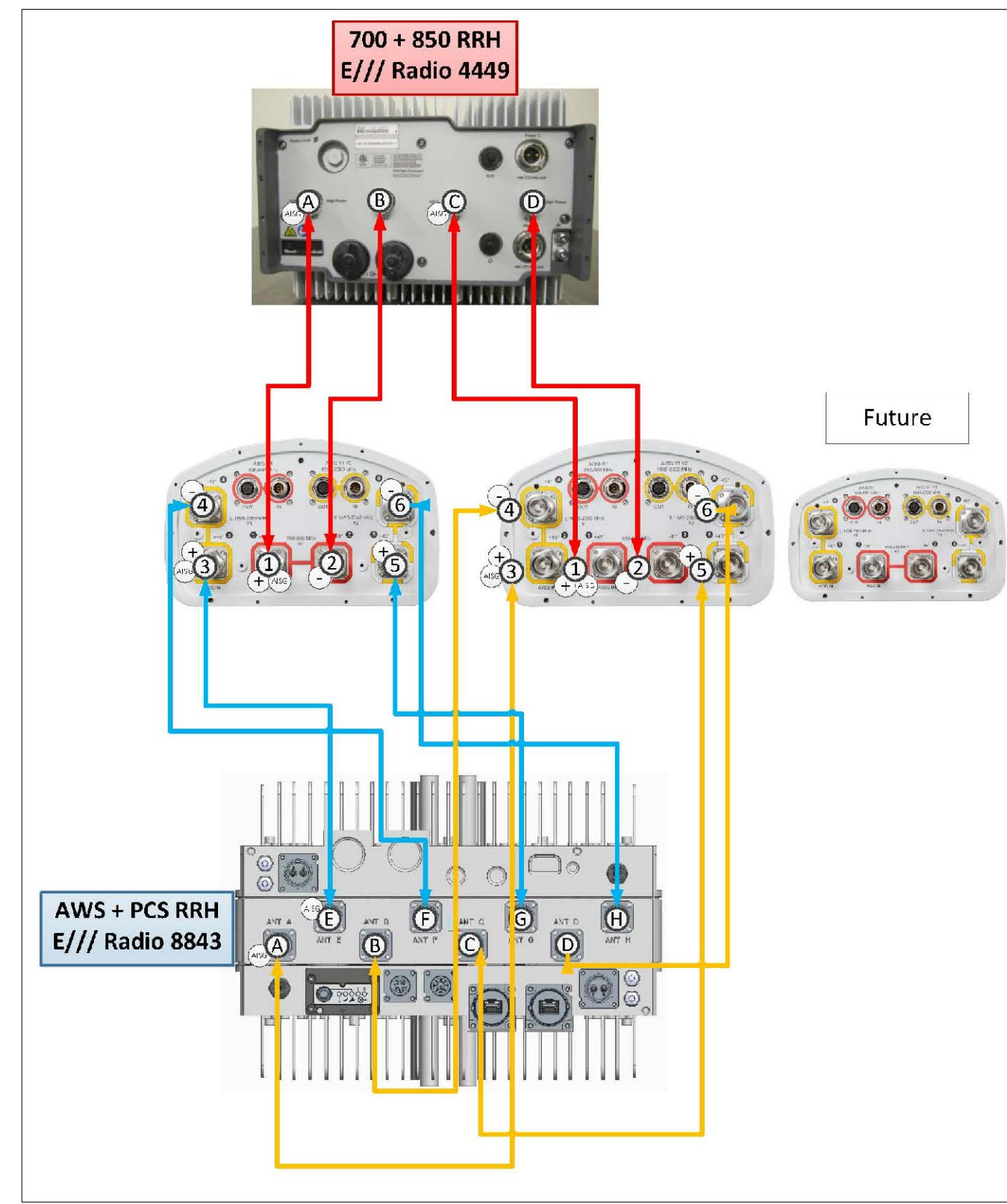
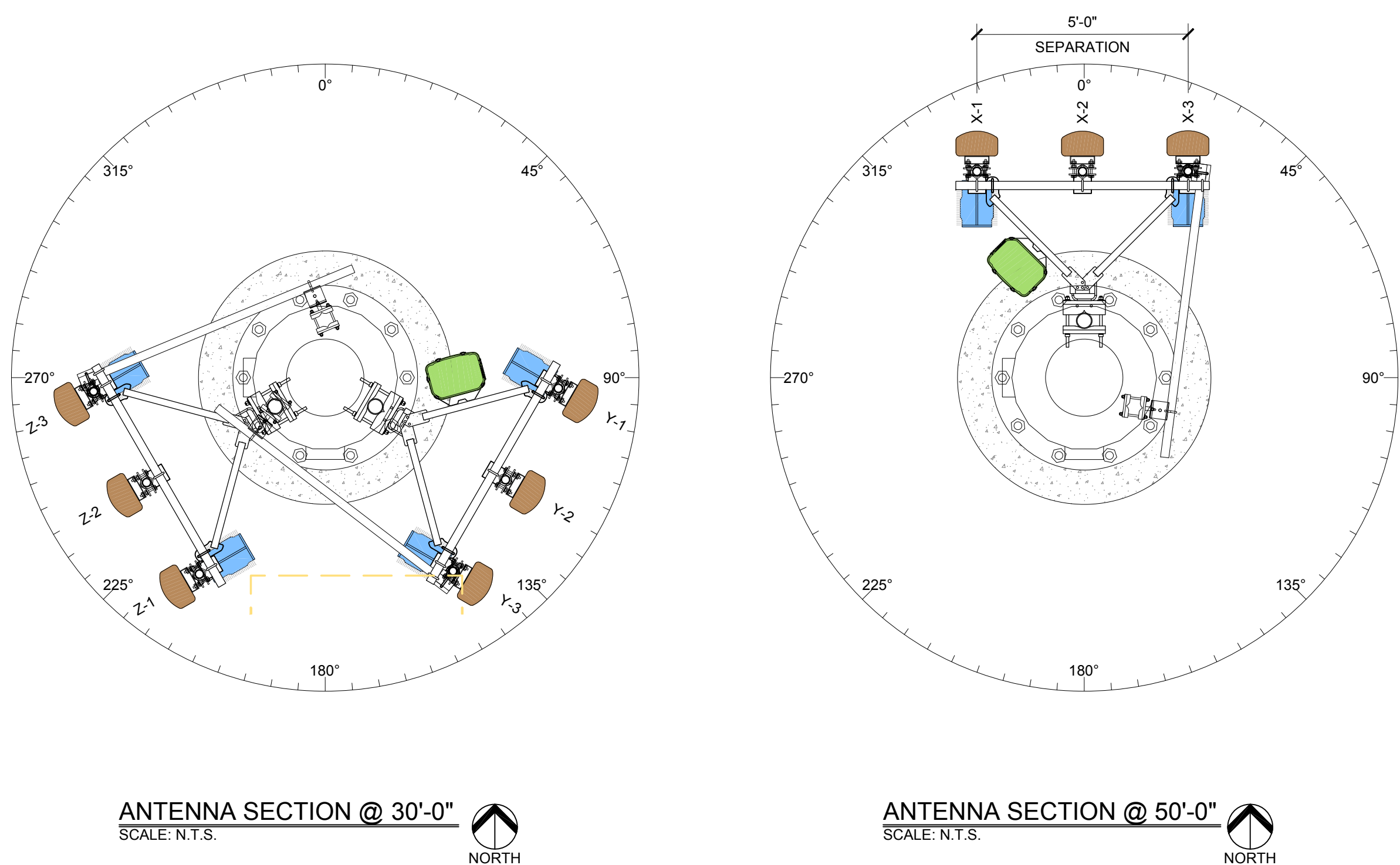
ANTENNA FUNCTION	ANTENNA SECTOR					
	X		Y		Z	
	FIRST STRIPE	SECOND STRIPE	FIRST STRIPE	SECOND STRIPE	FIRST STRIPE	SECOND STRIPE
800 VOICE	WHITE/RED	WHITE/YELLOW	BLUE/RED	BLUE/YELLOW	GREEN/RED	GREEN/YELLOW
800 EVDO	WHITE/2 RED	WHITE/2 YELLOW	BLUE/2 RED	BLUE/2 YELLOW	GREEN/2 RED	GREEN/2 YELLOW
800 LTE	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:
 1. 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:
 1. DUAL POLAR ANTENNAS REQUIRE TWO RUNS OF COAX PER ANTENNA.
 2. LENGTHS GIVEN ON THIS CHART ARE ESTIMATED FROM AVAILABLE INFORMATION.
 3. 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.
 4. CONTRACTOR TO PROVIDE AS BUILT FOR THE LENGTH OF CABLES UPON COMPLETION OF INSTALLATION.
 5. CONTRACTOR TO PROVIDE FINAL CABLE LENGTHS AND RETURN LOSSES FOR ALL CABLES.
 6. 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)				
MAIN TRUNK	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)				
RRH JUMPERS	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"
ANTENNA JUMPERS	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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EL PASO COUNTY

SHEET TITLE:

ANTENNA INFORMATION & RRH
HYBRID CABLE DIAGRAM & CHART

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

SAVE DATE: 7/16/2018 3:39 PM SHEET NUMBER: RF1

Markup Summary

dsdgrimm (2)

EXISTING VERTICAL BRIDGE TO-IF WITH
ACCESS & UTILITY EASEMENT

Provide the book and page or recordation number for the existing access easement.

Subject: Engineer
Page Label: 3
Lock: Unlocked
Author: dsdgrimm
Date: 9/25/2018 5:11:33 PM
Color: ■

Provide the book and page or recordation number for the existing access easement.

Add PCD
File No.
TWR184

Subject: Engineer
Page Label: 1
Lock: Unlocked
Author: dsdgrimm
Date: 9/25/2018 5:12:37 PM
Color: ■

Add PCD File No. TWR184