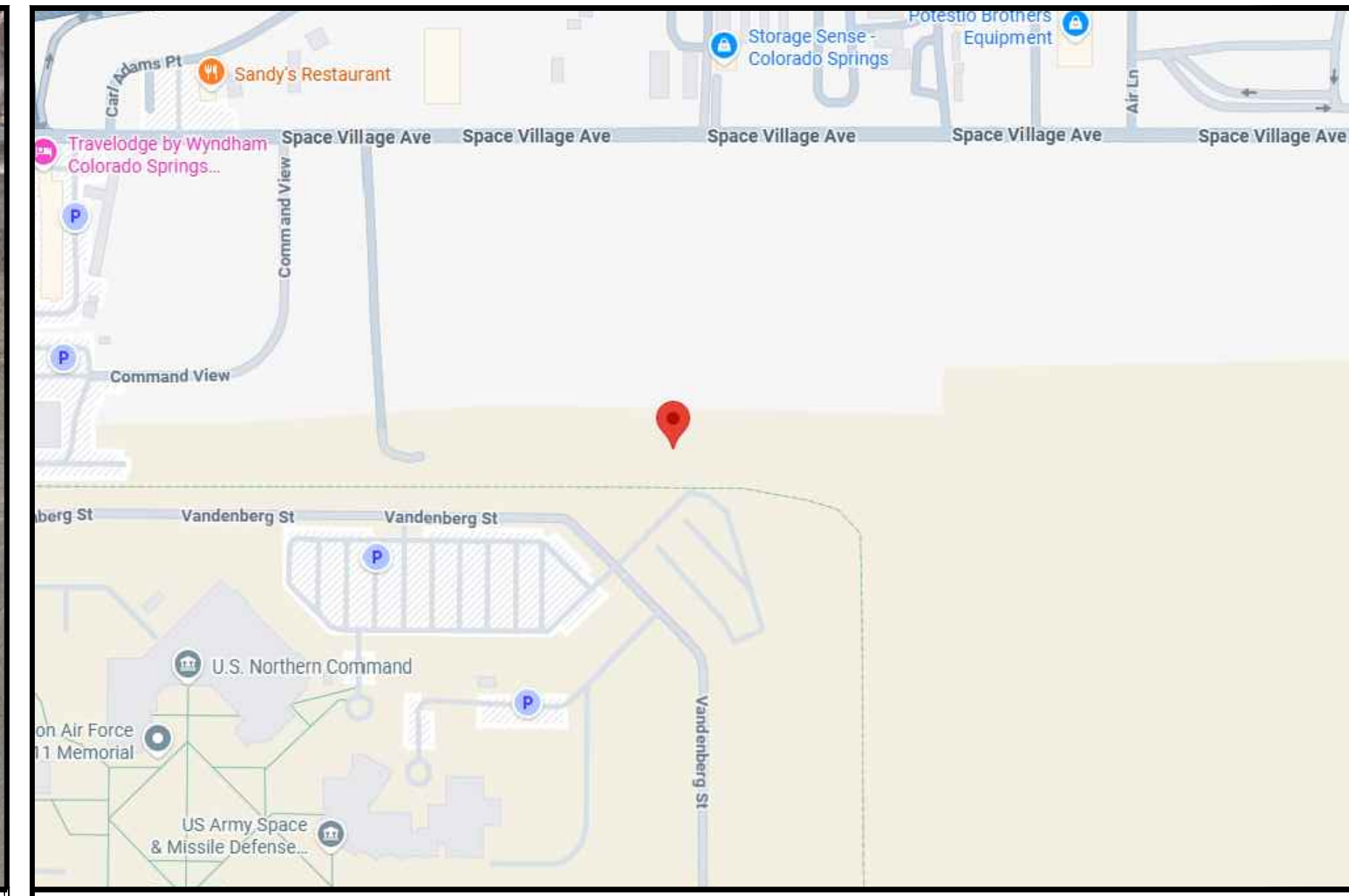


SITE DEVELOPER/APPLICANT:  
Engineering comments on Page 5.

7113 SPACE VILLAGE AVE  
COLORADO SPRINGS, CO 80929  
(EL PASO COUNTY)



VICINITY MAP



LOCATION MAP

<b>SITE NAME:</b>	COLORADO SPRINGS, CO - 100KM	<b>SITE ADDRESS:</b>	7113 SPACE VILLAGE AVE COLORADO SPRINGS, CO 80929 (EL PASO COUNTY)
<b>PROJECT DESCRIPTION:</b>	NEW LEASE AREA	<b>APN:</b>	5417001012
		<b>JURISDICTION:</b>	EL PASO COUNTY
		<b>ZONE:</b>	INDUSTRIAL (I-3)

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES:

**EASEMENTS**  
GC IS TO FOLLOW ALL ACCESS AND UTILITY EASEMENTS AS DEFINED BY APPLICANT LEASE AGREEMENT

<b>CODE TYPE</b>	<b>CODE</b>
BUILDING	2024 IBC, 2024 IRC, 2021 IECG, 2017 COLORADO ACCESSIBILITY, 2021 COLORADO ENERGY CODE, 2017 ICC A117.1, 2024 IFC
<b>MECHANICAL</b>	2021 IMC
<b>ELECTRICAL</b>	2023 NEC, 2021 ISEP, CODE OF ORDINANCES
<b>STRUCTURAL</b>	EIA/TIA-H-222

**811 Know what's below. Call before you dig.**

THE SCOPE OF WORK INCLUDES INSTALLATION OF A PROPOSED 98'-5"x196'-10" FENCED GRAVEL COMPOUND WITH SMALL SATELLITE EARTH STATION ANTENNAS (40 ANTENNAS AND 1 HEAD END EQUIPMENT RACK) IN EXISTING GRASS AREA. POWER TO BE PROVIDED FROM EXISTING UTILITY POLE COMING FROM SPACE VILLAGE AVE. FIBER TO BE PROVIDED FROM NEW FIBER DEMARK WITHIN RIGHT OF WAY.

**SITE INFORMATION**

**CODE COMPLIANCE**

**PROJECT SCOPE OF WORK**

\*LATITUDE 38° 50' 13.0848"N (38.836968°)  
\*LONGITUDE 104° 41' 38.3812"W (-104.693717°)  
\*GROUND ELEV. (AMSL) = 6289' ±  
\* INFORMATION TAKEN FROM GOOGLE EARTH

**POWER COMPANY:** COLORADO SPRINGS UTILITIES  
**FIBER COMPANY:** ZAYO

**GENERAL NOTES:**

- ALL REFERENCES TO OWNER IN THESE DOCUMENTS SHALL BE CONSIDERED THE CUSTOMER, OR ITS DESIGNATED REPRESENTATIVE.
- ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE IN PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE OF THIS ASSIGNMENT, THE CONTRACTOR IS ATTESTING THAT HE DOES HAVE SUFFICIENT EXPERIENCE AND ABILITY, THAT HE IS KNOWLEDGABLE OF THE WORK TO BE PERFORMED AND THAT HE IS PROPERLY LICENSED AND PROPERLY REGISTERED TO DO THIS WORK IN THE STATE OF COLORADO.
- STRUCTURE IS DESIGNED IN ACCORDANCE WITH ANSI/TIA-222-I, FOR A 105 MPH 3-SECOND GUST WIND LOAD. THIS CONFORMS TO THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE, 2024 EDITION.
- WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE 2024 INTERNATIONAL BUILDING CODE AS ADOPTED BY CITY OF COLORADO SPRINGS.
- UNLESS SHOWN OR NOTED OTHERWISE ON THE CONTRACT DRAWINGS, OR IN THE SPECIFICATIONS, THE FOLLOWING NOTES SHALL APPLY TO THE MATERIALS LISTED HEREIN, AND TO THE PROCEDURES TO BE USED ON THIS PROJECT.
- ALL HARDWARE ASSEMBLY MANUFACTURER'S INSTRUCTIONS SHALL BE FOLLOWED EXACTLY AND SHALL SUPERCEDE ANY CONFLICTING NOTES ENCLOSED HEREIN.
- IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING ERECTION AND/OR FIELD MODIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF TEMPORARY BRACING, GUYS OR TIE DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER THE COMPLETION OF THE WORK.
- ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY MATERIALS ORDERING, FABRICATION OR CONSTRUCTION WORK ON THIS PROJECT. CONTRACTOR SHALL NOT SCALE CONTRACT DRAWINGS IN LIEU OF FIELD VERIFICATIONS. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND THE OWNER'S ENGINEER. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK. THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHOD OF CONSTRUCTION, THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR THE ENGINEER SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES OR THE PROCEDURES.
- ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE NEW AND OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ANY AND ALL SUBSTITUTIONS MUST BE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER AND ENGINEER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING, AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT THIS PROJECT AND RELATED WORK COMPLIES WITH ALL APPLICABLE LOCAL, STATE, AND FEDERAL SAFETY CODES AND REGULATIONS GOVERNING CONSTRUCTION.
- ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULE AND MATERIALS ACCESS, WITH THE RESIDENT LEASING AGENT FOR APPROVAL.
- BILL OF MATERIALS AND PART NUMBERS LISTED ON CONSTRUCTION DRAWINGS ARE INTENDED TO AID CONTRACTOR. CONTRACTOR SHALL VERIFY PARTS AND QUANTITIES WITH MANUFACTURER PRIOR TO BIDDING AND/OR ORDERING MATERIALS.
- ALL PERMITS THAT MUST BE OBTAINED ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR WILL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
- 24 HOURS PRIOR TO THE BEGINNING OF ANY CONSTRUCTION, THE CONTRACTOR MUST NOTIFY THE APPLICABLE JURISDICTIONAL (STATE, COUNTY OR CITY) ENGINEER.
- THE CONTRACTOR SHALL REWORK (DRY, SCARIFY, ETC.) ALL MATERIAL NOT SUITABLE FOR SUBGRADE IN ITS PRESENT STATE. AFTER REWORKING, IF THE MATERIAL REMAINS UNSUITABLE, THE CONTRACTOR SHALL UNDERCUT THIS MATERIAL AND REPLACE WITH APPROVED MATERIAL. ALL SUBGRADES SHALL BE PROOFROLLED WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK PRIOR TO PAVING. ANY SOFTER MATERIAL SHALL BE REWORKED OR REPLACED.
- THE CONTRACTOR IS REQUIRED TO MAINTAIN ALL PIPES, DITCHES, AND OTHER DRAINAGE STRUCTURES FREE FROM OBSTRUCTION.
- ALL TOWER DIMENSIONS SHALL BE VERIFIED WITH THE PLANS (LATEST REVISION) PRIOR TO COMMENCING CONSTRUCTION. NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE DISCOVERED. THE OWNER SHALL HAVE A SET OF APPROVED PLANS AVAILABLE AT THE SITE AT ALL TIMES WHILE WORK IS BEING PERFORMED. A DESIGNATED RESPONSIBLE EMPLOYEE SHALL BE AVAILABLE FOR CONTACT BY GOVERNING AGENCY INSPECTORS.
- THE PROJECT DEPICTED IN THESE PLANS QUALIFIES AS AN ELIGIBLE FACILITIES REQUEST ENTITLED TO EXPEDITED REVIEW UNDER 47 U.S.C. § 1455(A) AS A MODIFICATION OF AN EXISTING WIRELESS TOWER THAT INVOLVES THE COLLOCATION, REMOVAL, AND/OR REPLACEMENT OF TRANSMISSION EQUIPMENT THAT IS NOT A SUBSTANTIAL CHANGE UNDER CFR § 1.61000 (B)(7).

**SITE COORDINATES**

**UTILITY INFORMATION**

**STRUCTURAL STEEL NOTES:**

**UTILITY COORDINATION FIRM:**  
NAME: TEP OpCo, LLC  
ADDRESS: 960 INDUSTRY DR  
CITY STATE ZIP: TUKWILA, WA 98188  
CONTACT: AARON WILSON  
EMAIL: AWILSON@TEPGROUP.NET  
PHONE: (480) 678-5559

**APPLICANT CONTACT**  
NAME: TEP OpCo, LLC  
ADDRESS: 3 MONROE PKWY, STE P #405  
CITY STATE ZIP: LAKE OSWEGO, OR 97035  
CONTACT: ALISON CANTOR  
EMAIL: ACANTOR@TEPGROUP.NET  
PHONE: (616) 821-7353

**PROPERTY OWNER:**  
NAME: HAMSTRA NORTH RIDGE CENTER LLC & LAKE COUNTY TRUST CO TRUST#3841  
ADDRESS: 12028 N 200 W  
CITY STATE ZIP: WHEATFIELD, IN 46392  
CONTACT: UNKNOWN

**PLANNING & PERMIT SPECIALIST CONTACT:**  
NAME: TEP OpCo, LLC  
ADDRESS: 3 MONROE PKWY, STE P #405  
CITY STATE ZIP: LAKE OSWEGO, OR 97035  
CONTACT: VICTORIA SCOTT  
EMAIL: VSCOTT@TEPGROUP.NET  
PHONE: (714) 837-8761

**CIVIL ENGINEER:**  
NAME: ANDREW R. BERGLUND, P.E.  
ADDRESS: 4570 IVY ST. SUITEB-100  
CITY STATE ZIP: DENVER, CO 80216  
EMAIL: ABERGLUND@TEPGROUP.NET  
PHONE: (303) 618-5090

SHEET:	DESCRIPTION:	REV
T-1	TITLE SHEET & GENERAL NOTES	2
-	SURVEY BOUNDARY	-
-	SURVEY DETAIL	-
C-1.1	EXISTING SITE PLAN	2
C-1.2	PROPOSED SITE PLAN	2
C-2.1	COMPOUND LAYOUT	1
C-3.1	PROPOSED COMPOUND ELEVATION	1
C-4.1	EROSION CONTROL PLAN	1
C-4.2	SILT FENCE DETAILS	1
C-5.1	STRUCTURAL DETAILS I	1
C-5.2	STRUCTURAL DETAILS II	1
C-5.3	STRUCTURAL DETAILS III	1
E-1.1	ELECTRICAL DETAILS I	1
E-1.2	UTILITY ROUTING	1

1. THE FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AISC SPECIFICATION FOR MANUAL OF STEEL CONSTRUCTION, AISC, 15TH EDITION.

2. UNLESS OTHERWISE NOTED, ALL STRUCTURAL ELEMENTS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS:  
A. STRUCTURAL STEEL, ASTM DESIGNATION A36.  
B. ALL BOLTS, ASTM A325 TYPE I GALVANIZED HIGH STRENGTH BOLTS.  
C. ALL NUTS, ASTM A563 CARBON AND ALLOY STEEL NUTS.  
D. ALL WASHERS, ASTM F436 HARDENED STEEL WASHERS.

3. ALL CONNECTIONS NOT FULLY DETAILED ON THESE PLANS SHALL BE DETAILED BY THE STEEL FABRICATOR IN ACCORDANCE WITH AISC SPECIFICATION FOR MANUAL OF STEEL CONSTRUCTION, AISC, 15TH EDITION.

4. HOLES SHALL NOT BE FLAME CUT THROUGH STEEL UNLESS APPROVED BY THE ENGINEER.

5. HOT-DIP GALVANIZE ALL ITEMS UNLESS OTHERWISE NOTED, AFTER FABRICATION WHERE PRACTICABLE. GALVANIZING: ASTM A123, ASTM, A153/A153M OR ASTM A653/A653M, G90, AS APPLICABLE.

6. REPAIR DAMAGED SURFACES WITH GALVANIZING REPAIR METHOD AND PAINT CONFORMING TO ASTM A780 OR BY APPLICATION OF STICK OR THICK PASTE MATERIAL SPECIFICALLY DESIGNED FOR REPAIR OF GALVANIZING. CLEAN AREAS TO BE REPAIRED AND REMOVE SLAG FROM WELDS. HEAT SURFACES TO WHICH STICK OR PASTE MATERIAL IS APPLIED, WITH A TORCH TO A TEMPERATURE SUFFICIENT TO MELT THE METALLICS IN STICK OR PASTE; SPREAD MOLTEN MATERIAL UNIFORMLY OVER SURFACES TO BE COATED AND WIPE OFF EXCESS MATERIAL.

7. A NUT LOCKING DEVICE SHALL BE INSTALLED ON ALL PROPOSED AND/OR REPLACED BOLTS.

8. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH TO EXCLUDE THE THREADS FROM THE SHEAR PLANE.

9. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT BE AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.

10. ALL ASSEMBLY AND ANCHOR BOLTS ARE TO BE TIGHTENED TO A "SNUG TIGHT" CONDITION AS DEFINED IN SECTION 8.1 OF THE AISC, "SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS", DATED JUNE 30, 2004.

11. FLAT WASHERS ARE TO BE INSTALLED WITH BOLTS OVER SLOTTED HOLES.

12. DO NOT OVER TORQUE ASSEMBLY BOLTS. GALVANIZING ON BOLTS, NUTS, AND STEEL PARTS MAY ACT AS A LUBRICANT, THUS OVER TIGHTENING MAY OCCUR AND MAY CAUSE BOLTS TO CRACK AND SNAP OFF.

13. PAL NUTS ARE TO BE INSTALLED AFTER NUTS ARE TIGHT AND WITH EDGE LIP OUT. PAL NUTS ARE NOT REQUIRED WHEN SELF-LOCKING NUTS ARE PROVIDED.

14. GALVANIZED ASTM A325 BOLTS SHALL NOT BE REUSED.

15. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AMERICAN WELDING SOCIETY (AWS) D1.1-2020 STRUCTURAL WELDING CODE - STEEL.

**CONTACT INFORMATION**

**SHEET INDEX**

**GENERAL NOTES**

PLANS PREPARED BY:

336 TRYON ROAD  
RALEIGH, NC 27603-3530  
OFFICE: (919) 861-6351  
FAX: (919) 861-6880

**TEP**

CONSTRUCTION  
CONSTRUCTION  
PRELIMINARY  
PRELIMINARY  
ISSUED FOR:

2 06-04-26  
1 05-15-24  
0 04-01-26  
B 03-30-26  
A 03-25-24  
REV DATE

DRAWN BY: OJK  
CHECKED BY: JFJ

PROJECT INFORMATION:  
**SITE NAME:** COLORADO SPRINGS, CO - 100KM  
7113 SPACE VILLAGE AVE, COLORADO SPRINGS, CO 80929 (EL PASO COUNTY)

SCALE: 06-04-26

**TITLE SHEET & GENERAL NOTES**

REVISION: 2  
TEP # 353465-499326

SHEET NUMBER: T-1

TEP IS A FAMILY OF COMPANIES LICENSED TO PROVIDE DIFFERENT SERVICES IN DIFFERENT JURISDICTIONS. PROFESSIONAL ENGINEERING AND LAND SURVEYING SERVICES ARE PROVIDED BY TEP OP CO LLC, A DELAWARE LIMITED LIABILITY COMPANY. TEP ENGINEERING, LLC, A NORTH CAROLINA PROFESSIONAL LIMITED LIABILITY COMPANY, OR M&H ENGINEERING, LLC, A NEW YORK PROFESSIONAL LIMITED LIABILITY COMPANY. GENERAL CONTRACTOR SERVICES ARE PROVIDED BY TEP OP CO LLC, A DELAWARE LIMITED LIABILITY COMPANY. WE ACQUIRE THE REQUISITE LICENSES IN EACH STATE. ADDITIONAL INFORMATION CAN BE OBTAINED FROM THE COMPANY.

**FLOOD ZONE DESIGNATION**  
 THE PROPOSED LEASE PREMISES SHOWN HEREON APPEAR TO BE WITHIN FLOOD ZONE "X" AS DELINEATED ON THE FEDERAL EMERGENCY MANAGEMENT AGENCY FIRM MAP NO. 08041C0754G DATED 12/07/2018.

FLOOD ZONE "X" IS DEFINED AS: AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN; DETERMINED TO BE OUTSIDE THE 1% AND 0.2% ANNUAL CHANCE FLOODPLAINS.

**PROJECT META DATA**

- ELEVATIONS SHOWN HEREON ARE REPRESENTED IN NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88) ESTABLISHED FROM GPS DERIVED ELLIPSOID HEIGHTS, APPLYING GEOID 12B SEPARATIONS CONSTRAINING TO NGS CORS STATIONS PROVIDED IN THE "ONLINE POSITIONING USER SERVICE" (OPUS) SOLUTION FOR THIS SPECIFIC SITE.
- BEARINGS SHOWN HEREON ARE BASED UPON U.S. STATE PLANE NAD83 COORDINATE SYSTEM COLORADO STATE PLANE COORDINATE ZONE CENTRAL, DETERMINED BY GPS OBSERVATIONS.
- FIELD WORK FOR THIS PROJECT WAS PERFORMED ON 04/02/26.

**SURVEYOR NOTES**

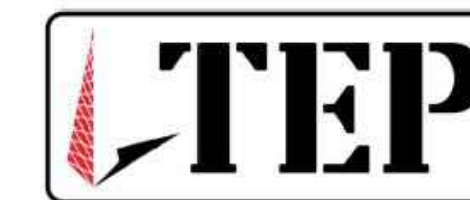
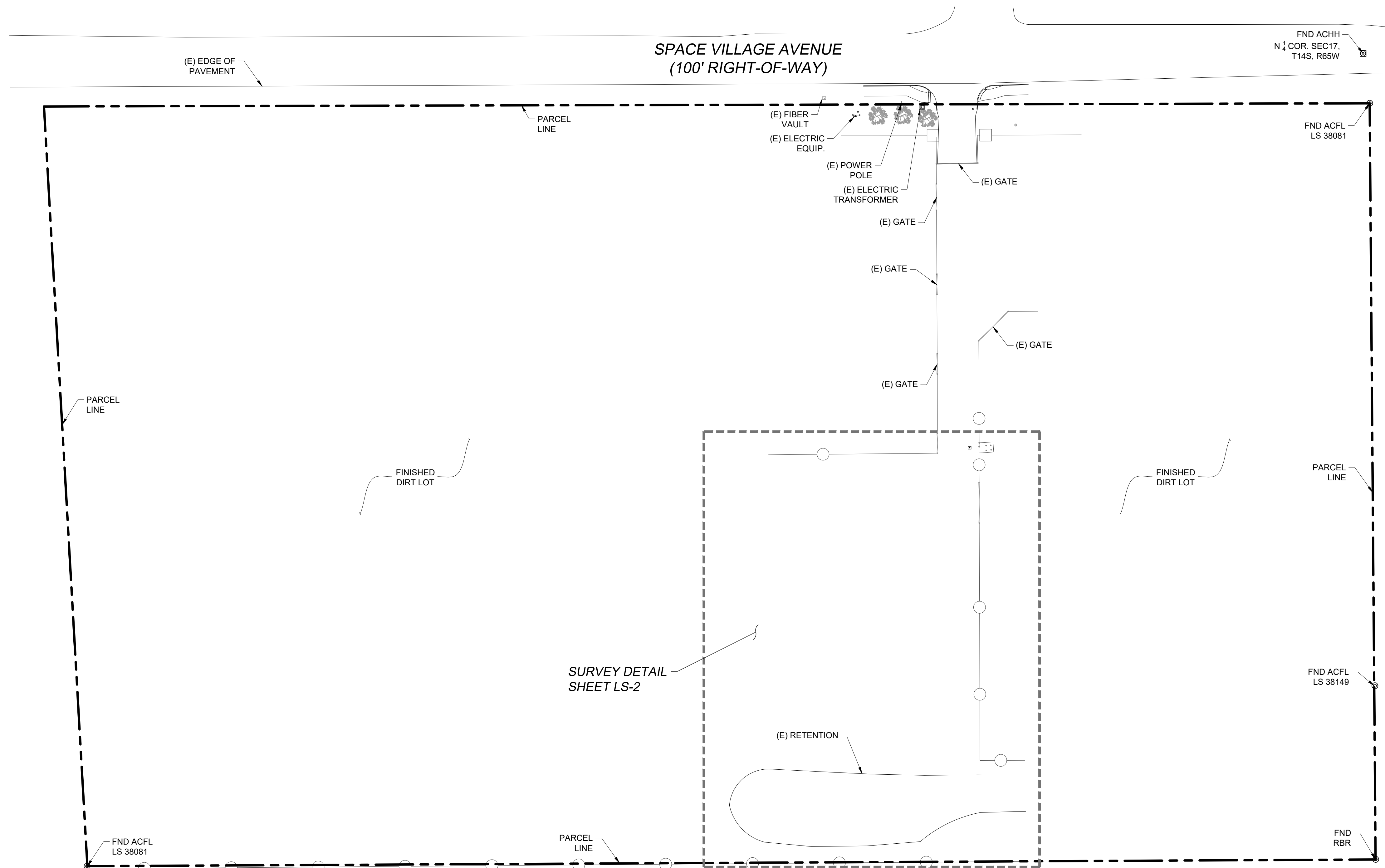
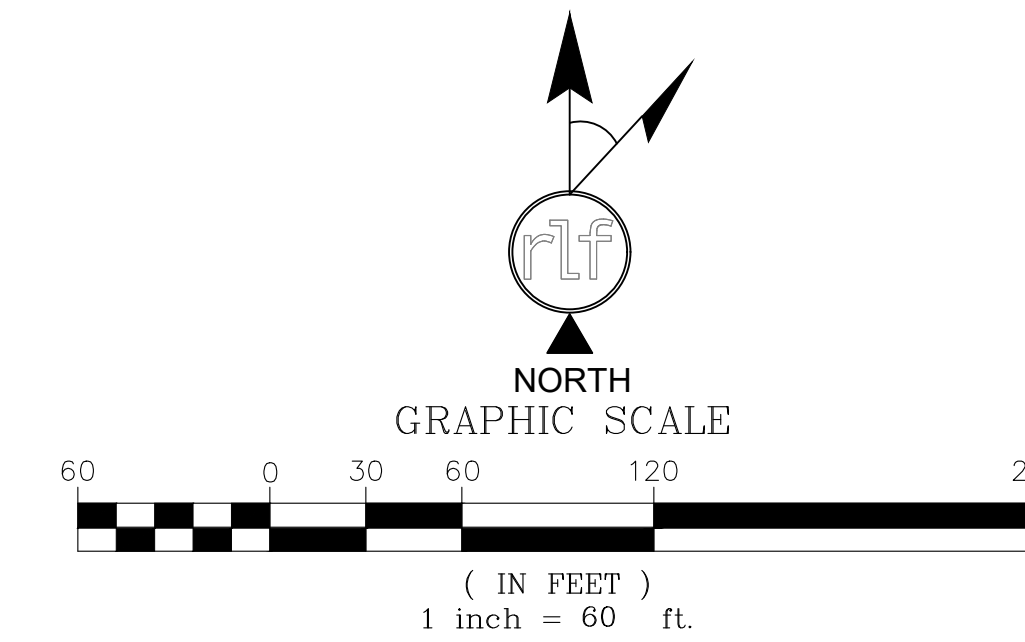
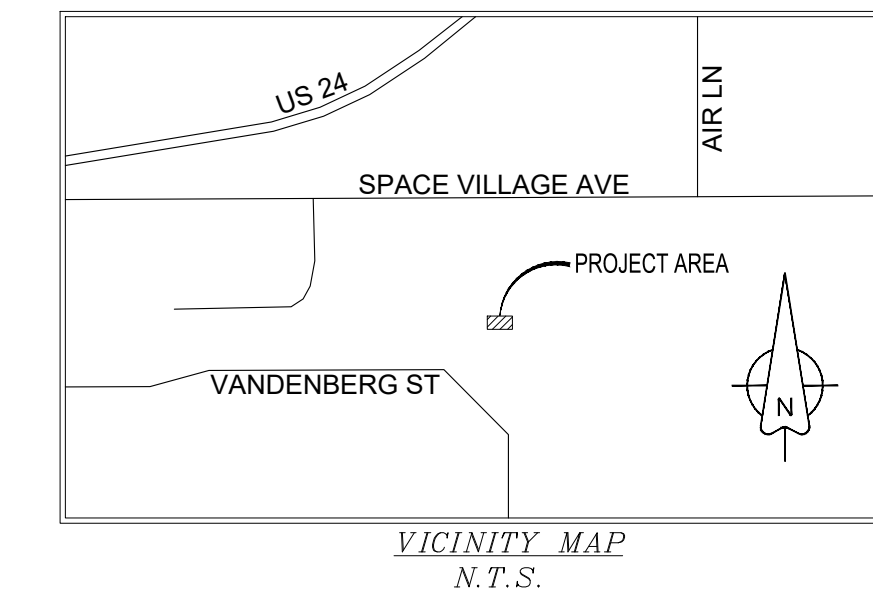
- A TITLE REPORT WAS NOT PROVIDED AT THE TIME OF THE SURVEY.
- SURVEYOR HAS NOT PERFORMED A SEARCH OF PUBLIC RECORDS TO DETERMINE ANY DEFECT IN TITLE.
- THE BOUNDARY SHOWN HEREON IS PLOTTED FROM RECORD INFORMATION AND DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE PROPERTY.
- SURVEYOR DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN OR THEIR LOCATIONS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR AND DEVELOPER TO CONTACT BLUE STAKE AND ANY OTHER INVOLVED AGENCIES TO LOCATE ALL UTILITIES PRIOR TO CONSTRUCTION. REMOVAL, RELOCATION AND/ OR REPLACEMENT IS THE RESPONSIBILITY OF THE CONTRACTOR.

**LESSOR'S LEGAL DESCRIPTION**

A PORTION OF THE NORTHEAST QUARTER OF SECTION 17, TOWNSHIP 14 SOUTH, RANGE 65 WEST, COUNTY OF EL PASO, CITY OF COLORADO SPRINGS, STATE OF COLORADO.

**LEGEND**

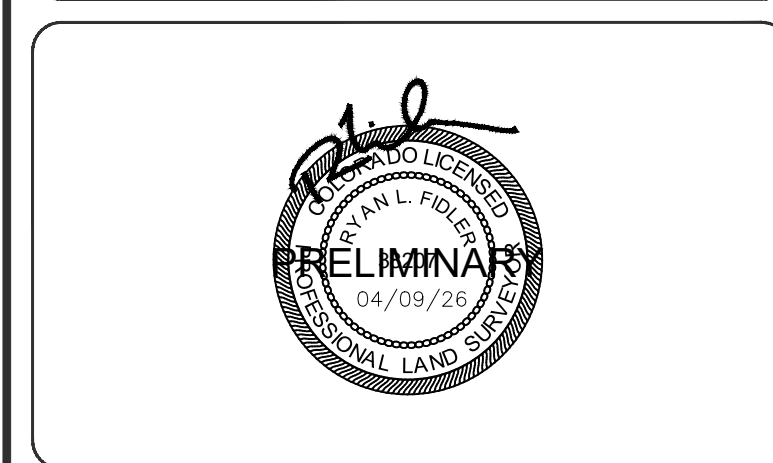
- ALUMINUM CAP IN HANDHOLE
- FOUND AS NOTED
- ELECTRIC METER
- ELECTRIC SWITCH
- ELECTRICAL TRANSFORMER
- ELECTRIC CABINET
- FIBER VAULT
- POWER POLE
- FIRE HYDRANT
- WATER VALVE
- SANITARY SEWER MANHOLE
- DECIDUOUS TREE
- PROPERTY LINE
- CHAIN LINK FENCE
- WATER LINE



326 TRYON ROAD  
 RALEIGH, NC 27803-3530  
 OFFICE: (919) 661-6351  
 FAX: (919) 661-6350

FIELD BY:	JWS
DRAWN BY:	JMM
CHECKED BY:	RLF

REVISIONS		
NO.	DATE	DESCRIPTION
0	04/09/26	PRELIMINARY



REUSE OF DOCUMENT  
 THE IDEAS & DESIGN INCORPORATED HEREON, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF RLF CONSULTING, LLC & IS NOT TO BE USED FOR ANY OTHER PROJECT WITHOUT WRITTEN AUTHORIZATION OF RLF CONSULTING, LLC.

PROJECT No.  
**2600355**  
 SITE NAME:  
 COLORADO SPRINGS 100KM

SITE ADDRESS:  
 7113 SPACE VILLAGE AVE  
 COLORADO SPRINGS, CO 80929

SHEET TITLE:  
**SURVEY BOUNDARY**

SHEET NO. <b>LS-1</b>	REVISION:
--------------------------	-----------



326 TRYON ROAD  
RALEIGH, NC 27603-3530  
OFFICE: (919) 661-6351  
FAX: (919) 661-6350

FIELD BY:	JWS
DRAWN BY:	JMM
CHECKED BY:	RLF

REVISIONS

NO.	DATE	DESCRIPTION
0	04/09/26	PRELIMINARY



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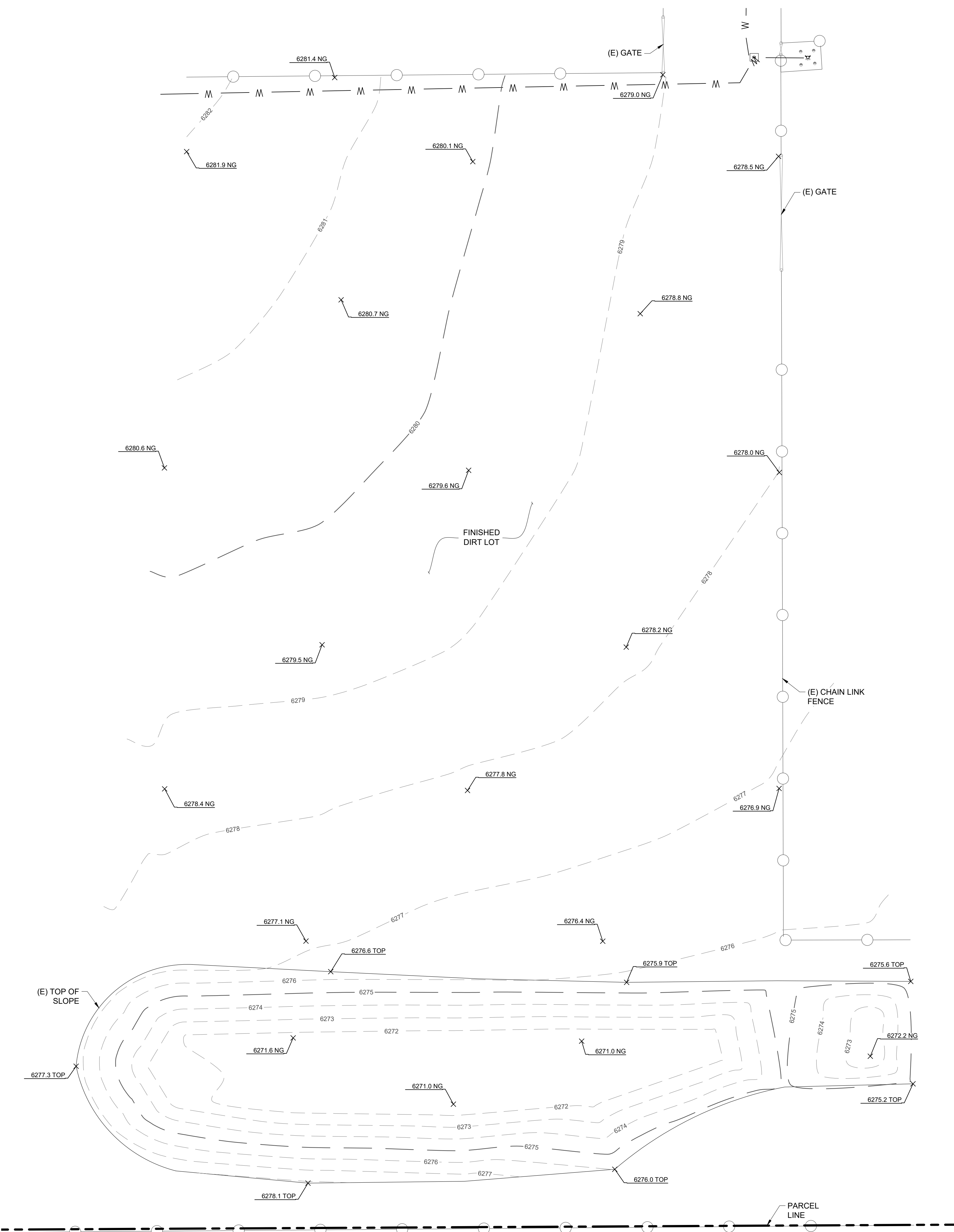
PROJECT No.  
**2600355**  
SITE NAME:  
COLORADO SPRINGS 100KM

SITE ADDRESS:  
7113 SPACE VILLAGE AVE  
COLORADO SPRINGS, CO 80929

SHEET TITLE:  
**SURVEY DETAIL**

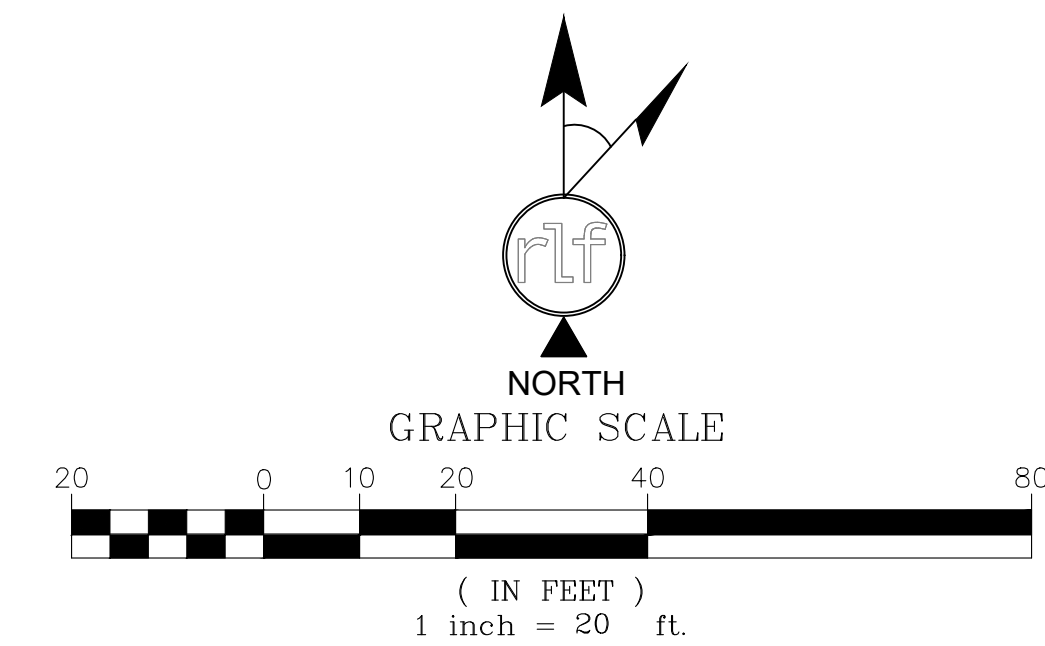
SHEET NO.  
**LS-2**

REVISION:



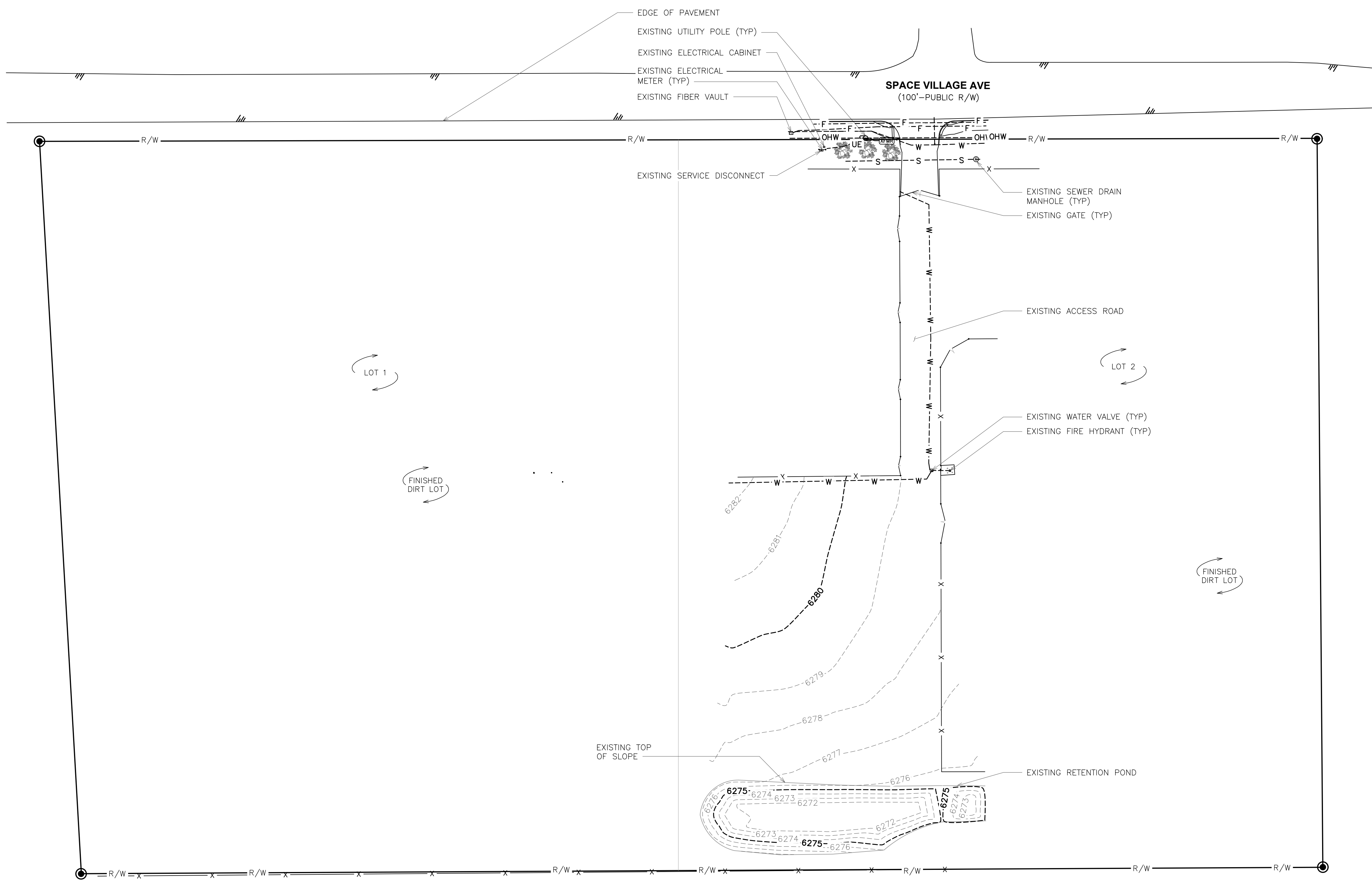
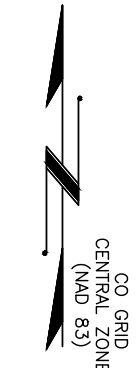
LEGEND

- ⊙ ALUMINUM CAP IN HANDHOLE
- ⊙ FOUND AS NOTED
- ⊙ ELECTRIC METER
- ⊙ ELECTRIC SWITCH
- ⊙ ELECTRICAL TRANSFORMER
- ⊙ ELECTRICAL CABINET
- ⊙ FIBER VAULT
- ⊙ POWER POLE
- ⊙ FIRE HYDRANT
- ⊙ WATER VALVE
- ⊙ SANITARY SEWER MANHOLE
- ⊙ DECIDUOUS TREE
- — — — — PROPERTY LINE
- - - - - CHAIN LINK FENCE
- — — — — WATER LINE



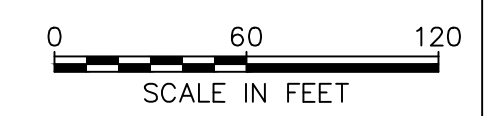
**NOTES:**

1. THE BASIS OF THE MERIDIANS AND THE COORDINATES FOR THIS PLAT IS THE COLORADO STATE PLAN COORDINATE SYSTEM, NORTH AMERICAN DATUM (NAD 83/2011), BASED ON DIFFERENTIAL GPS OBSERVATIONS PERFORMED ON 04/02/2026 BY RLF CONSULTING.
2. VERTICAL INFORMATION SHOWN, BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88) IN FEET
3. THE LEASE AREA IS LOCATED IN ZONE "X" DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD HAZARD, ACCORDING TO FEMA COMMUNITY PANEL #08041C0754G, DATED 12/07/2018.
4. ALL DISTANCES ARE GROUND UNLESS OTHERWISE NOTED.



LEGEND	
---	PROPOSED EASEMENT
---	EXIST. PROPERTY LINE
---	ADJ. PROPERTY LINE
⊕	EXIST. UTILITY POLE
⊕	EXIST. TELCO PEDESTAL
⊕	EXIST. FIRE HYDRANT
⊕	EXIST. TRANSFORMER
⊕	EXIST. SEWER DRAIN MAN HOLE
⊕	EXIST. WATER VALVE
⊕	PROPERTY CORNER
●	LEASE/EASE. CORNER
---	EXIST. CONTOUR LINE
---	EDGE OF PAVEMENT
---	OVERHEAD WIRE
---	RIGHT-OF-WAY
X	CHAIN LINK FENCE
---	EXISTING TREE LINE
---	EXISTING WATER LINE
---	EXISTING FIBER LINE
---	EXISTING STORM DRAIN LINE
---	EXISTING UNDERGROUND ELECTRICAL LINE
---	EXISTING UTILITY EASEMENT

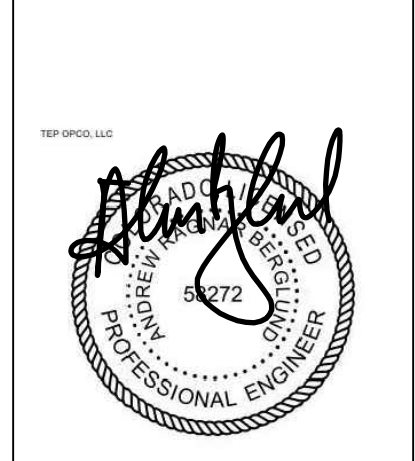
**EXISTING SITE PLAN**  
SCALE: 1" = 60'



PLANS PREPARED BY:

REV	DATE	ISSUED FOR:	CHECKED BY:
2	06-04-26	CONSTRUCTION	JFJ
1	05-15-26	CONSTRUCTION	
0	04-01-26	CONSTRUCTION	
B	03-30-26	PRELIMINARY	
A	03-25-26	PRELIMINARY	

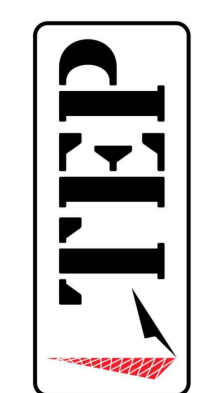
**PROJECT INFORMATION:**  
**SITE NAME:**  
**COLORADO SPRINGS,**  
**CO - 100KM**  
 7113 SPACE VILLAGE AVE.  
 COLORADO SPRINGS, CO 80929  
 (EL PASO COUNTY)



SEAL: 06-04-26

<b>SHEET TITLE:</b>	<b>EXISTING SITE PLAN</b>
<b>SHEET NUMBER:</b>	<b>C-1.1</b>
<b>REVISION:</b>	<b>2</b>
<b>TEP #:</b>	<b>353465-490368</b>

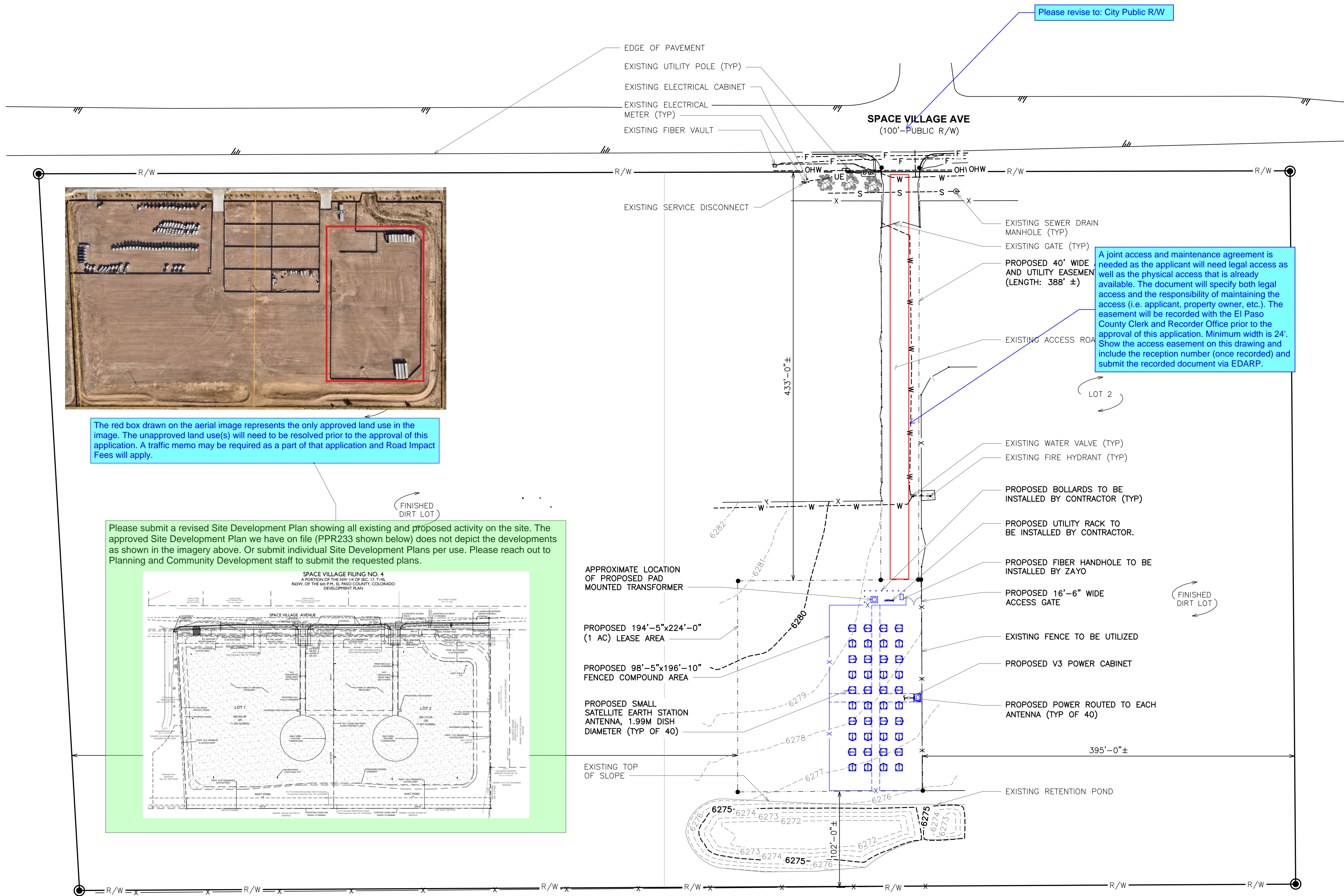
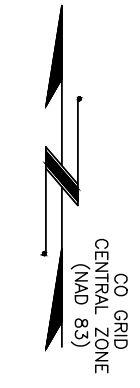
326 TRYON ROAD  
 RALEIGH, NC 27603-3330  
 OFFICE (919) 861-6351  
 FAX (919) 861-6880



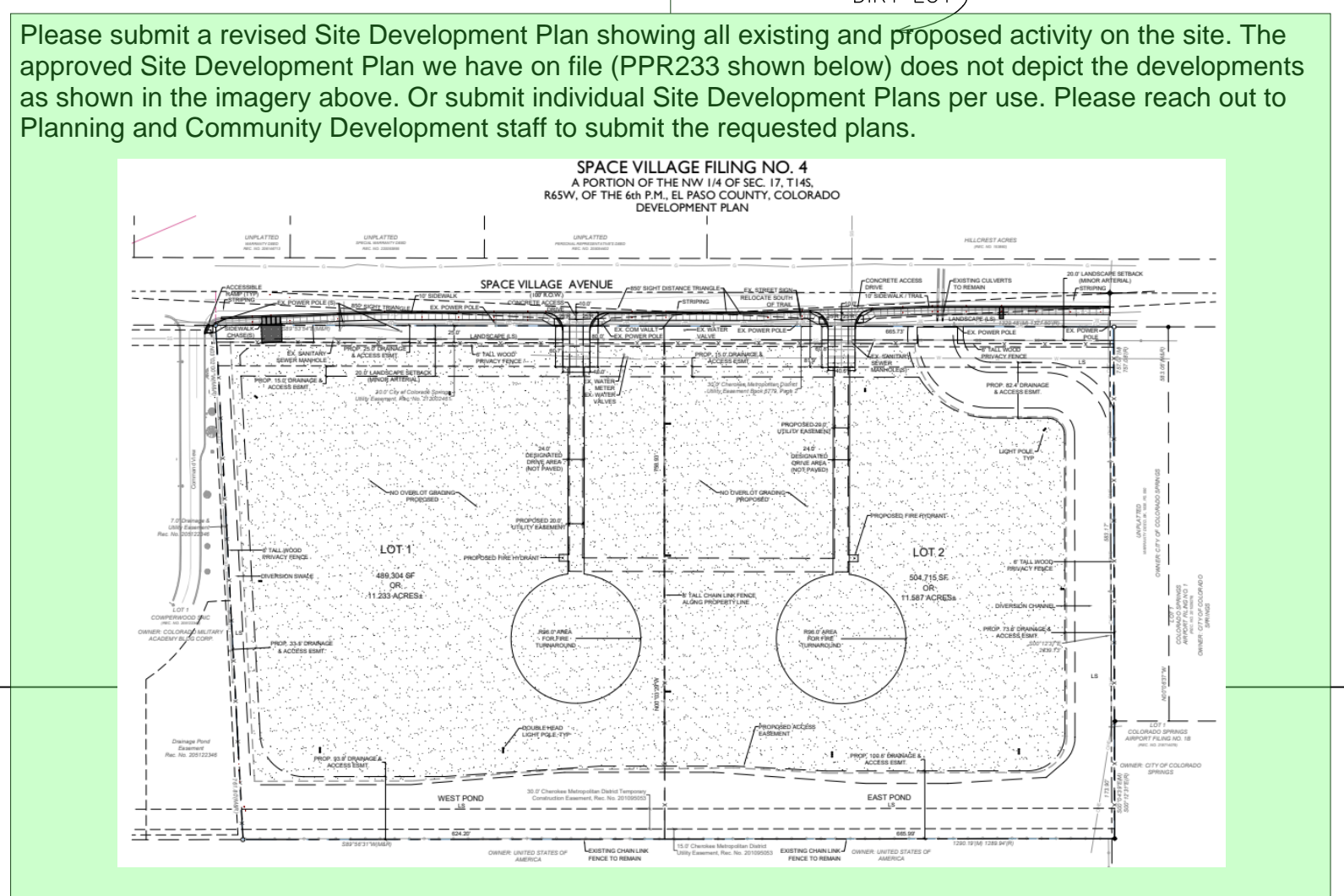
TEP IS A FAMILY OF COMPANIES LICENSED TO PROVIDE DIFFERENT SERVICES IN DIFFERENT JURISDICTIONS. DEPENDING ON THE JURISDICTION, PROFESSIONAL ENGINEERING AND LAND SURVEYING SERVICES ARE PROVIDED BY TEP OFCO LLC, A DELAWARE LIMITED LIABILITY COMPANY, TEP ENGINEERING, LLC, A NORTH CAROLINA PROFESSIONAL LIMITED LIABILITY COMPANY, OR M&H ENGINEERING, LLC, A NEW YORK PROFESSIONAL LIMITED LIABILITY COMPANY. GENERAL CONTRACTOR SERVICES ARE PROVIDED BY TEP OFCO LLC, A DELAWARE LIMITED LIABILITY COMPANY. WE ACQUIRE THE REQUISITE LICENSES IN EACH STATE. ADDITIONAL INFORMATION CAN BE OBTAINED FROM THE COMPANY.

**NOTES:**

1. THE BASIS OF THE MERIDIANS AND THE COORDINATES FOR THIS PLAT IS THE COLORADO STATE PLAN COORDINATE SYSTEM, NORTH AMERICAN DATUM (NAD 83/2011), BASED ON DIFFERENTIAL GPS OBSERVATIONS PERFORMED ON 04/02/2026 BY RLF CONSULTING.
2. VERTICAL INFORMATION SHOWN, BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88) IN FEET
3. THE LEASE AREA IS LOCATED IN ZONE "X" DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD HAZARD, ACCORDING TO FEMA COMMUNITY PANEL #08041C0754G, DATED 12/07/2018.
4. ALL DISTANCES ARE GROUND UNLESS OTHERWISE NOTED.



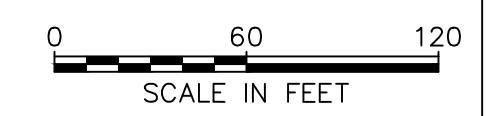
The red box drawn on the aerial image represents the only approved land use in the image. The unapproved land use(s) will need to be resolved prior to the approval of this application. A traffic memo may be required as a part of that application and Road Impact Fees will apply.



Please submit a revised Site Development Plan showing all existing and proposed activity on the site. The approved Site Development Plan we have on file (PPR233 shown below) does not depict the developments as shown in the imagery above. Or submit individual Site Development Plans per use. Please reach out to Planning and Community Development staff to submit the requested plans.

LEGEND	
---	PROPOSED EASEMENT
---	EXIST. PROPERTY LINE
---	ADJ. PROPERTY LINE
⊕	EXIST. UTILITY POLE
⊕	EXIST. TELCO PEDESTAL
⊕	EXIST. FIRE HYDRANT
⊕	EXIST. TRANSFORMER
⊕	EXIST. SEWER DRAIN MAN HOLE
⊕	EXIST. WATER VALVE
⊕	PROPERTY CORNER
⊕	LEASE/EASE. CORNER
---	EXIST. CONTOUR LINE
---	EDGE OF PAVEMENT
---	OVERHEAD WIRE
---	RIGHT-OF-WAY
---	CHAIN LINK FENCE
---	EXISTING TREE LINE
---	EXISTING WATER LINE
---	EXISTING FIBER LINE
---	EXISTING STORM DRAIN LINE
---	EXISTING UNDERGROUND ELECTRICAL LINE
---	EXISTING UTILITY EASEMENT

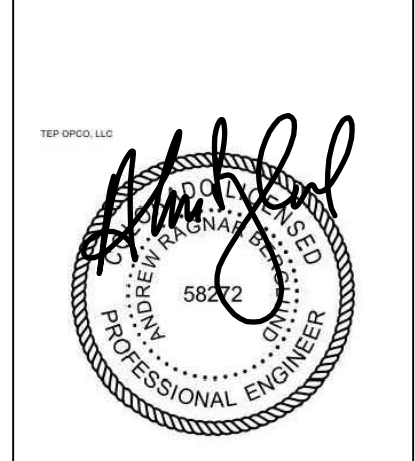
**PROPOSED SITE PLAN**  
SCALE: 1" = 60'



PLANS PREPARED BY:

REV	DATE	ISSUED FOR:	CHECKED BY:
2	06-04-26	CONSTRUCTION	JFJ
1	05-15-26	CONSTRUCTION	
0	04-01-26	CONSTRUCTION	
B	03-30-26	PRELIMINARY	
A	03-25-26	PRELIMINARY	

**SITE NAME:**  
**COLORADO SPRINGS,**  
**CO - 100KM**  
7113 SPACE VILLAGE AVE.  
COLORADO SPRINGS, CO 80929  
(EL PASO COUNTY)



<b>PROPOSED SITE PLAN</b>	REVISION: 2
	TEP # 353465-490368
SHEET NUMBER: <b>C-1.2</b>	

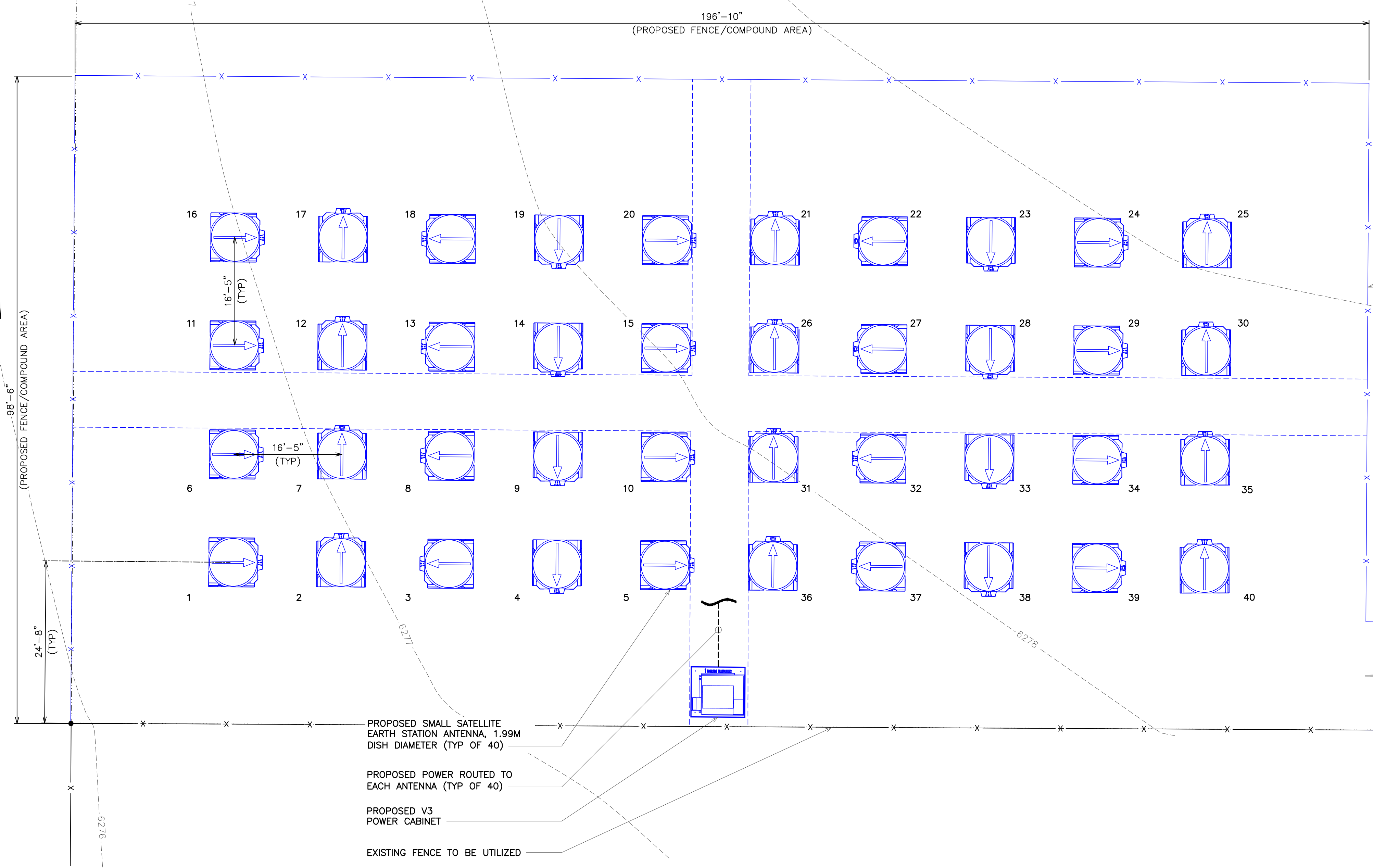
326 TRYON ROAD  
RALEIGH, NC 27603-3630  
OFFICE: (919) 861-6351  
FAX: (919) 861-6350



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**NOTES:**

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2. VERTICAL INFORMATION, SHOWN, BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88) IN FEET
3. THE LEASE AREA IS LOCATED IN ZONE "X" DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOOD HAZARD, ACCORDING TO FEMA COMMUNITY PANEL #08041C0754G, DATED 12/07/2018.
4. ALL DISTANCES ARE GROUND UNLESS OTHERWISE NOTED.



PROPOSED 194'-5"x224'-0"  
(1 AC) LEASE AREA

PROPOSED 98'-5"x196'-10"  
FENCED COMPOUND AREA

APPROXIMATE LOCATION  
OF PROPOSED PAD  
MOUNTED TRANSFORMER

PROPOSED BOLLARDS  
TO BE INSTALLED BY  
THE CONTRACTOR (TYP)

PROPOSED UTILITY RACK TO BE  
INSTALLED BY CONTRACTOR.

PROPOSED FIBER HANDHOLE TO  
BE INSTALLED BY ZAYO

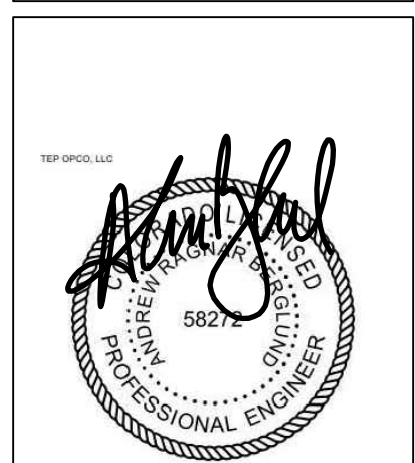
PROPOSED 16'-6" WIDE  
ACCESS GATE

- PROPOSED SMALL SATELLITE EARTH STATION ANTENNA, 1.99M DISH DIAMETER (TYP OF 40)
- PROPOSED POWER ROUTED TO EACH ANTENNA (TYP OF 40)
- PROPOSED V3 POWER CABINET
- EXISTING FENCE TO BE UTILIZED

PLANS PREPARED BY:

CONSTRUCTION	05-15-26	DATE	OJK	CHECKED BY:	JFJ
CONSTRUCTION	04-01-26	DATE			
PRELIMINARY	03-30-26	DATE			
PRELIMINARY	03-25-26	DATE			
ISSUED FOR:					

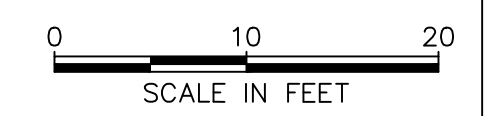
**PROJECT INFORMATION:**  
**SITE NAME:**  
**COLORADO SPRINGS,  
 CO - 100KM**  
 7113 SPACE VILLAGE AVE.  
 COLORADO SPRINGS, CO 80929  
 (EL PASO COUNTY)



SEAL: 05-15-26

**PROPOSED COMPOUND LAYOUT**  
 SHEET NUMBER: **C-2.1**  
 REVISION: 1  
 TEP # 353465-490368

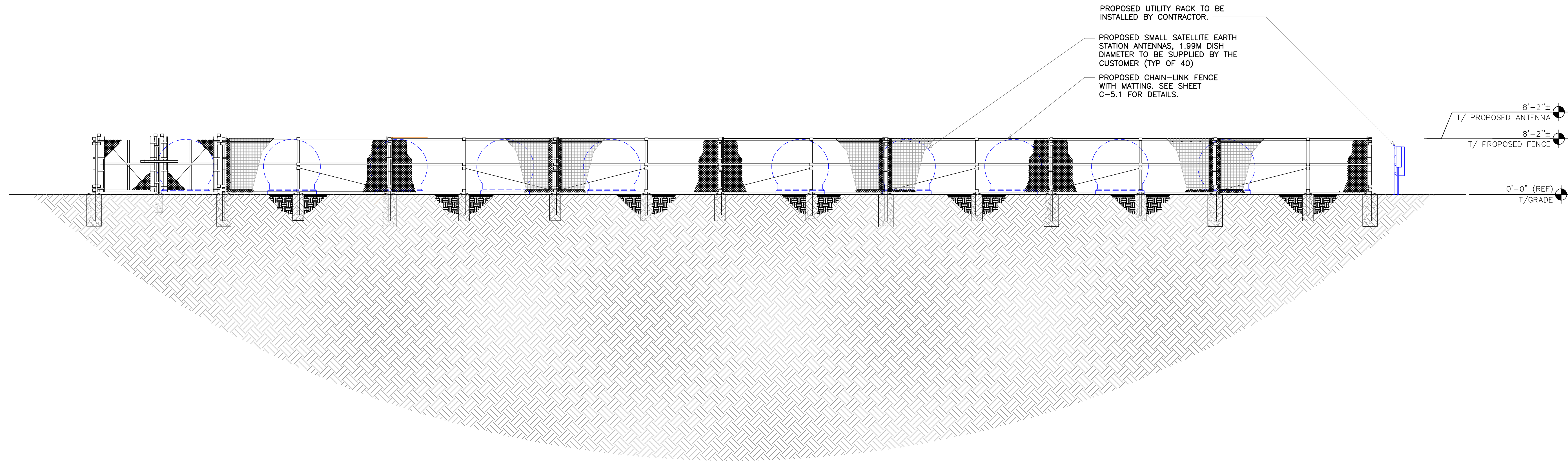
**PROPOSED COMPOUND LAYOUT**  
 SCALE: 1" = 10'



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**PROPOSED COMPOUND ELEVATION**

SCALE: 1/8" = 1'-0"



PROPOSED UTILITY RACK TO BE INSTALLED BY CONTRACTOR.

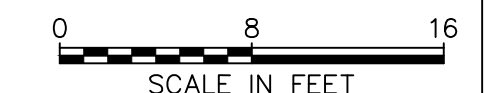
PROPOSED SMALL SATELLITE EARTH STATION ANTENNAS; 1.99M DISH DIAMETER TO BE SUPPLIED BY THE CUSTOMER (TYP OF 40)

PROPOSED CHAIN-LINK FENCE WITH MATTING. SEE SHEET C-5.1 FOR DETAILS.

8'-2"±  
T/ PROPOSED ANTENNA

8'-2"±  
T/ PROPOSED FENCE

0'-0" (REF)  
T/ GRADE



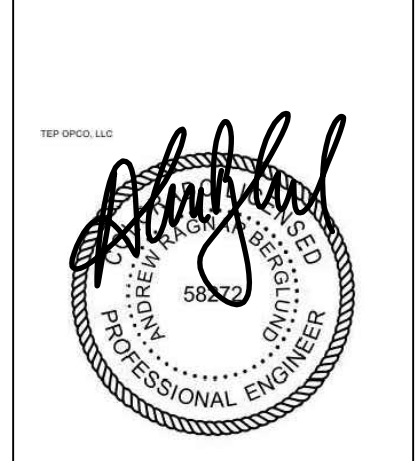
PLANS PREPARED BY:

CONSTRUCTION	05-15-26	DATE	ISSUED FOR:
CONSTRUCTION	04-01-26	REV	PRELIMINARY
PRELIMINARY	03-30-26	REV	PRELIMINARY
PRELIMINARY	03-25-26	REV	ISSUED FOR:
ISSUED FOR:		DATE	ISSUED FOR:
CHECKED BY:	JFJ	DATE	ISSUED FOR:

**PROJECT INFORMATION:**

**SITE NAME:**  
**COLORADO SPRINGS,  
CO - 100KM**

7113 SPACE VILLAGE AVE.  
COLORADO SPRINGS, CO 80929  
(EL PASO COUNTY)



SEAL: 05-15-26

**COMPOUND ELEVATION**

SHEET NUMBER: **C-3.1**

REVISION: 1

TEP # 353465-490368

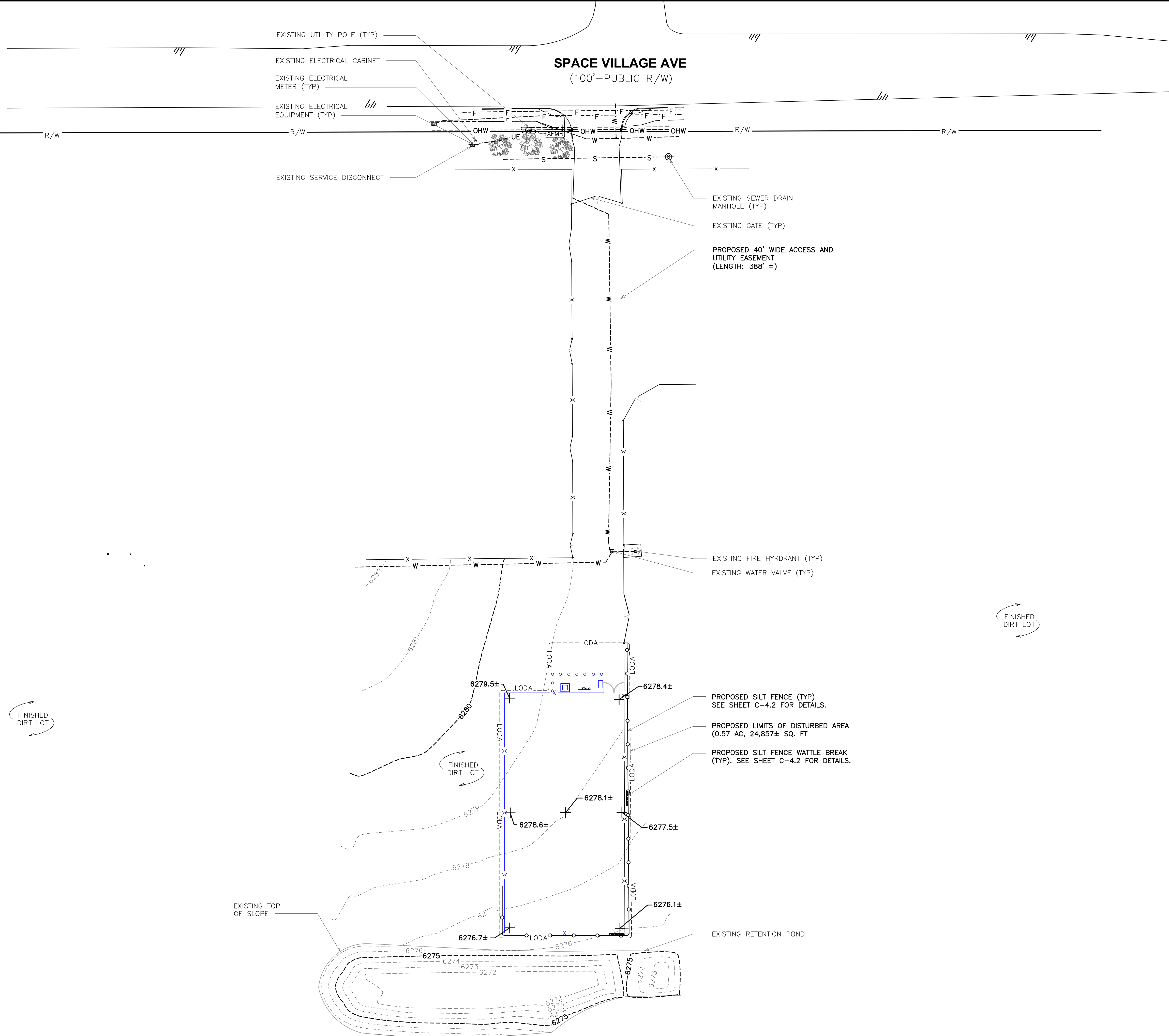
326 TRYON ROAD  
RALEIGH, NC 27603-3530  
OFFICE (919) 861-6351  
FAX (919) 861-6350



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**NOTES:**

1. CONTRACTOR TO ENSURE POSITIVE DRAINAGE ACROSS COMPOUND.
2. CONTRACTOR SHALL MAINTAIN A MAXIMUM OF 5% SLOPE ACROSS THE COMPOUND.
3. CONTRACTOR SHALL MAINTAIN A MAXIMUM OF 18% SLOPE ACROSS THE ACCESS DRIVE.
4. FIBER AND POWER NOT DOWN FOR CLARITY.
5. EQUIPMENT NOT SHOWN FOR CLARITY.



**EROSION CONTROL PLAN**

SCALE: 1" = 40'



PLANS PREPARED BY:

I	05-15-26	CONSTRUCTION
O	04-01-26	CONSTRUCTION
B	03-30-26	PRELIMINARY
A	03-25-26	PRELIMINARY
REV	DATE	ISSUED FOR:
DRAWN BY:	OJK	CHECKED BY:
		JFJ

**PROJECT INFORMATION:**

**SITE NAME:**  
**COLORADO SPRINGS,  
 CO - 100KM**

7113 SPACE VILLAGE AVE.  
 COLORADO SPRINGS, CO 80929  
 (EL PASO COUNTY)

SEAL:

05-15-26

**SHEET TITLE:**  
**EROSION CONTROL PLAN**

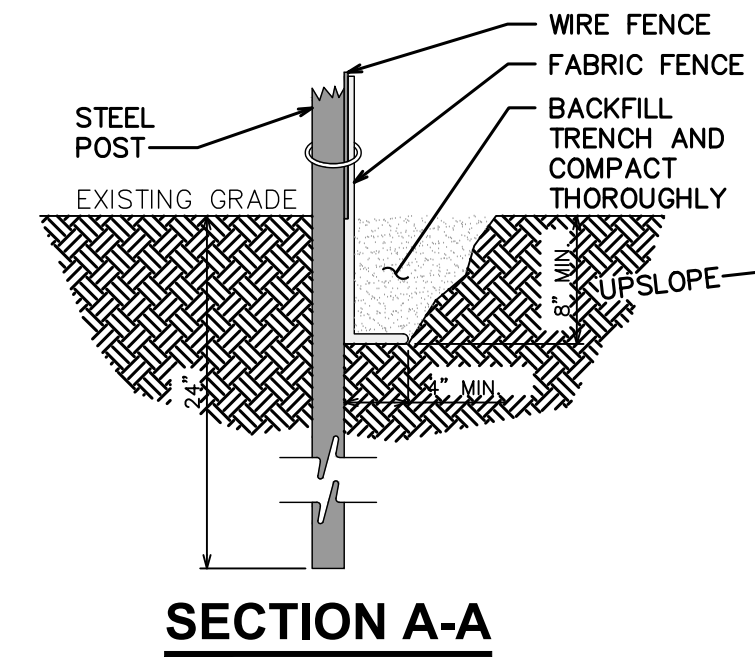
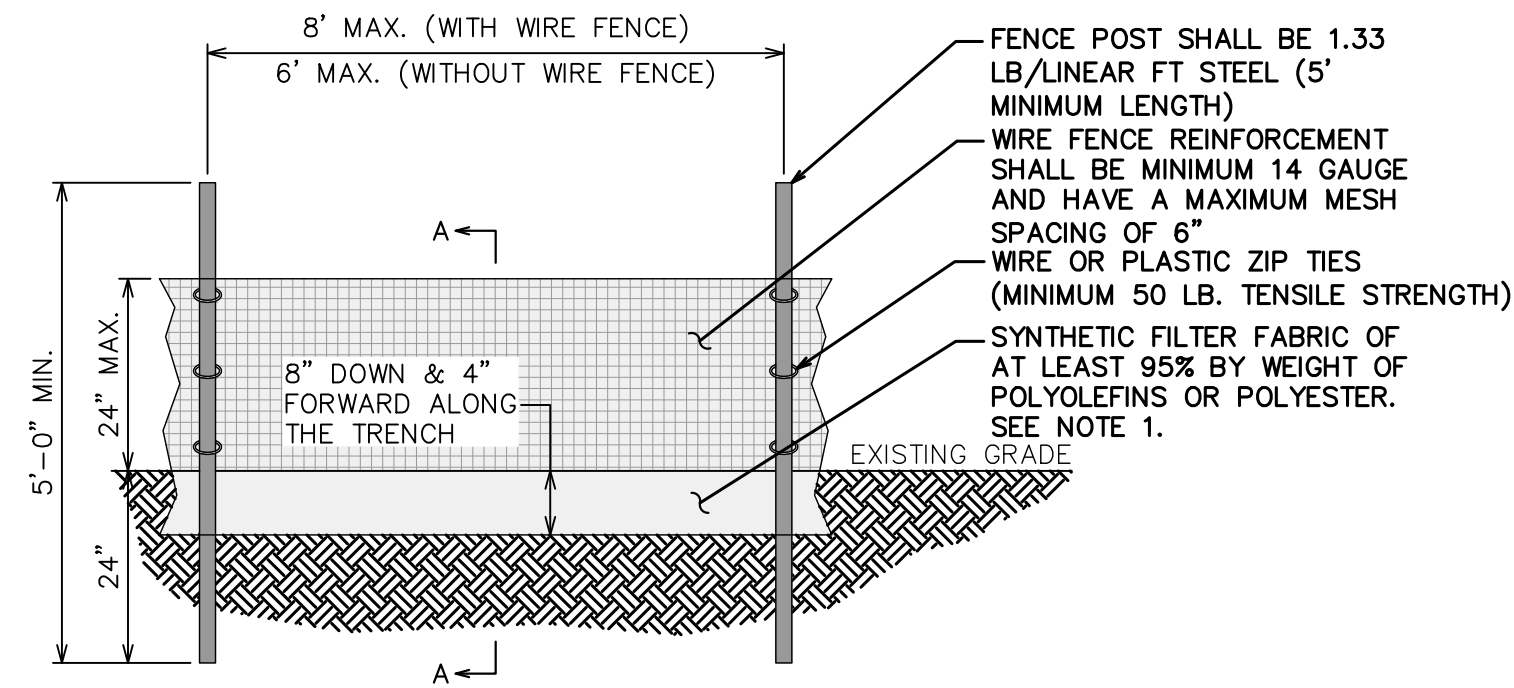
**SHEET NUMBER:**  
**C-4.1**

REVISION: 1  
 TEP # 353465-498368

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**NOTES:**

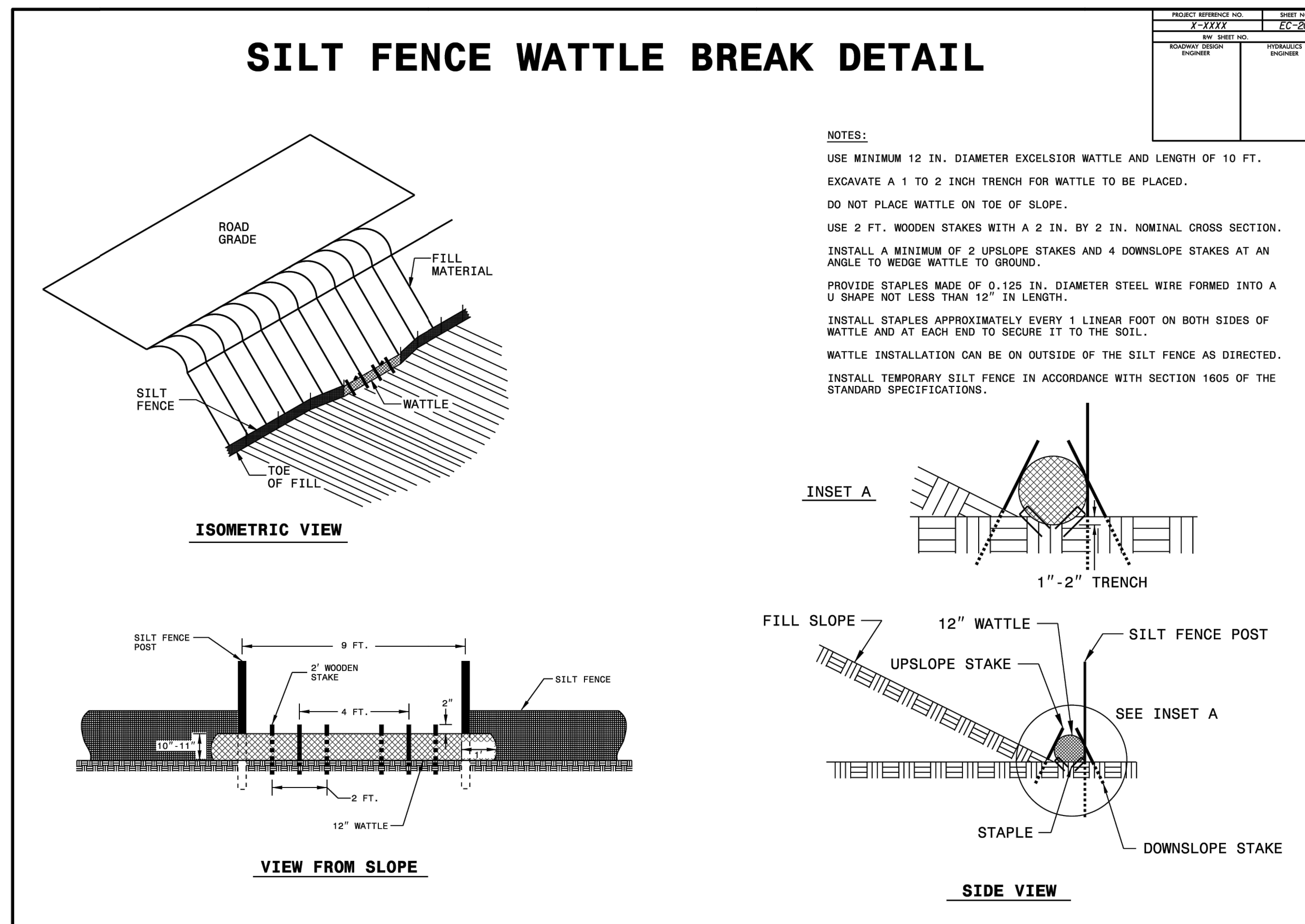
1. FILTER FABRIC SHALL CONFORM TO THE REQUIREMENTS LISTED IN ASTM D 6461.
2. ENDS OF INDIVIDUAL FILTER FABRIC SHALL BE SECURELY FASTENED AT A SUPPORT POST WITH 4 FEET MINIMUM OVERLAP TO THE NEXT POST.
3. PLACE 10 INCHES OF FABRIC ALONG THE BOTTOM AND SIDE OF THE TRENCH.
4. INSPECT SEDIMENT FENCE(S) AT LEAST ONCE A WEEK AND AFTER EACH RAINFALL.
5. REMOVE SEDIMENT DEPOSITS AS NECESSARY TO PROVIDE ADEQUATE STORAGE VOLUME FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE.
6. AFTER CONSTRUCTION IS COMPLETE, THE CONTRACTOR SHALL REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS, BRING THE AREA TO GRADE AND PROPERLY STABILIZE THE SITE.



**SILT FENCE DETAIL**

SCALE: N.T.S.

**SILT FENCE WATTLE BREAK DETAIL**



**SILT FENCE WATTLE BREAK DETAIL**

SCALE: N.T.S.

326 TRYON ROAD  
RALEIGH, NC 27603-3330  
OFFICE (919) 861-6351  
FAX (919) 861-6350



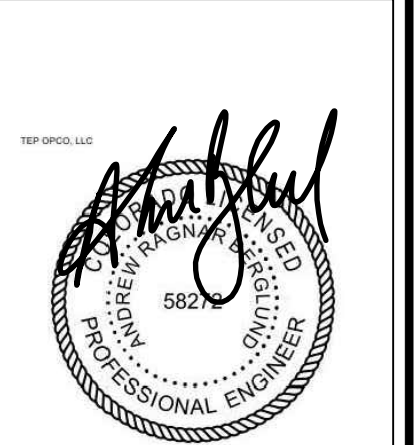
PLANS PREPARED BY:

05-15-26	CONSTRUCTION	
04-01-26	CONSTRUCTION	
03-30-26	PRELIMINARY	
03-25-26	PRELIMINARY	
REV	DATE	ISSUED FOR:
		CHECKED BY: JFJ

**PROJECT INFORMATION:**

**SITE NAME:**  
**COLORADO SPRINGS,  
CO - 100KM**

7113 SPAGE VILLAGE AVE.  
COLORADO SPRINGS, CO 80929  
(EL PASO COUNTY)



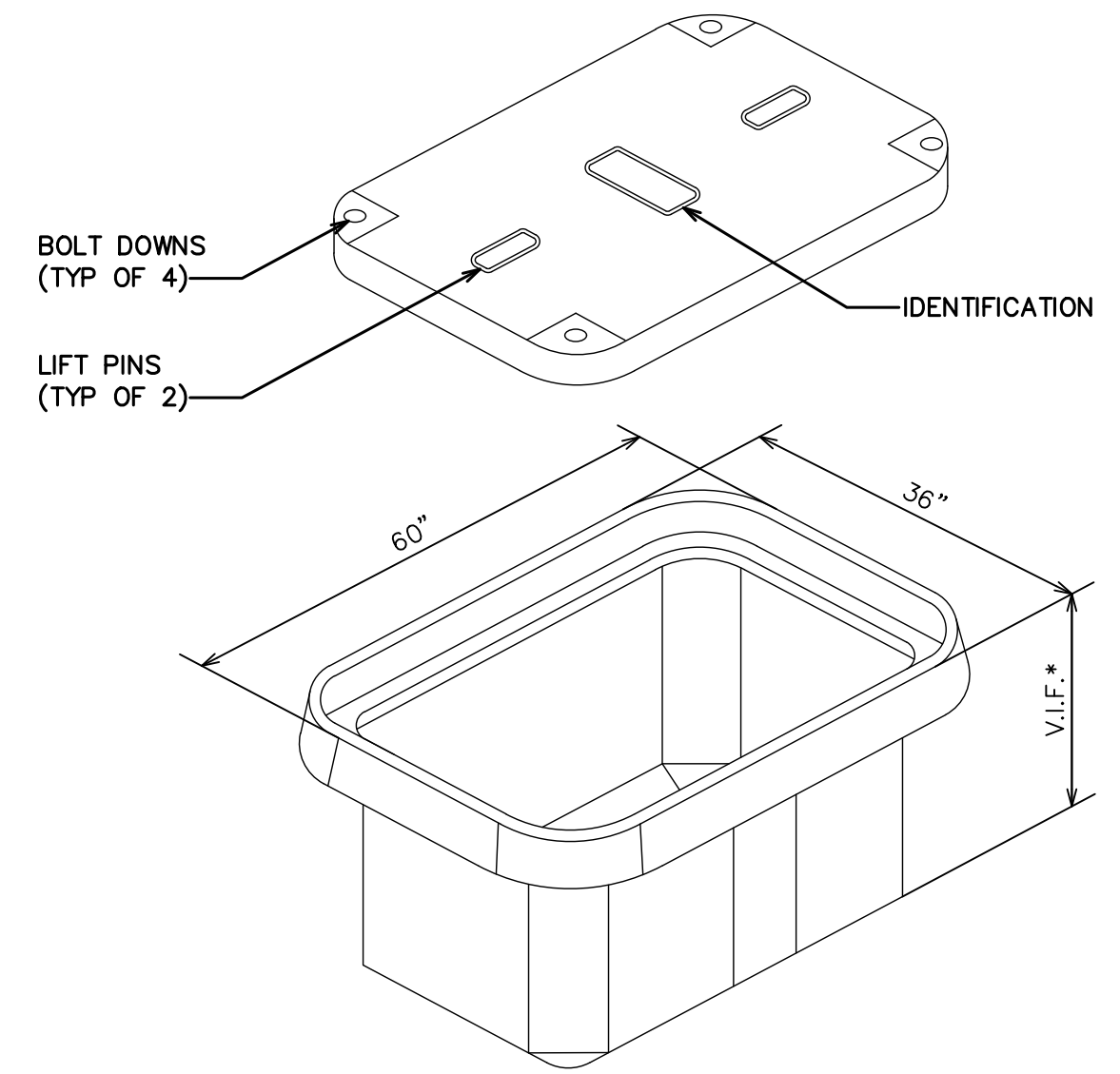
SCALE:

<b>SILT FENCE DETAILS</b>	REVISION: 1
<b>C-4.2</b>	TEP # 3353465-499365

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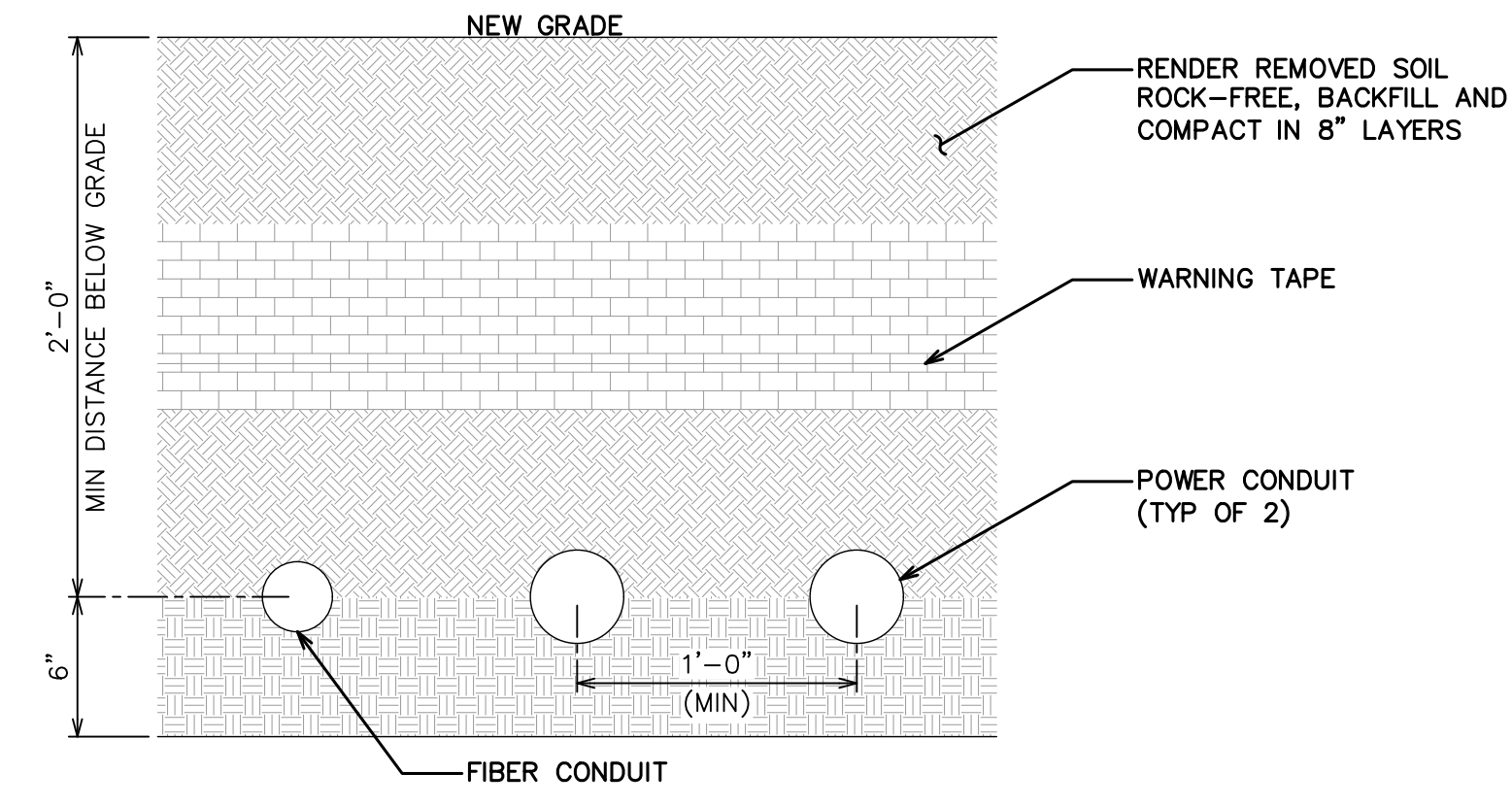
**NOTES:**

1. ALL STUB-UP CONDUITS INSIDE PULL BOXES WILL BE 6" FROM TOP OF BOX AND HAVE PULL STRING AND CAPS.
2. CONTRACTOR TO DETERMINE SIZE OF PULL BOX BASED ON FIELD CONDITIONS, NUMBER OF CONDUITS REQUIRED & NEC REQUIREMENTS.



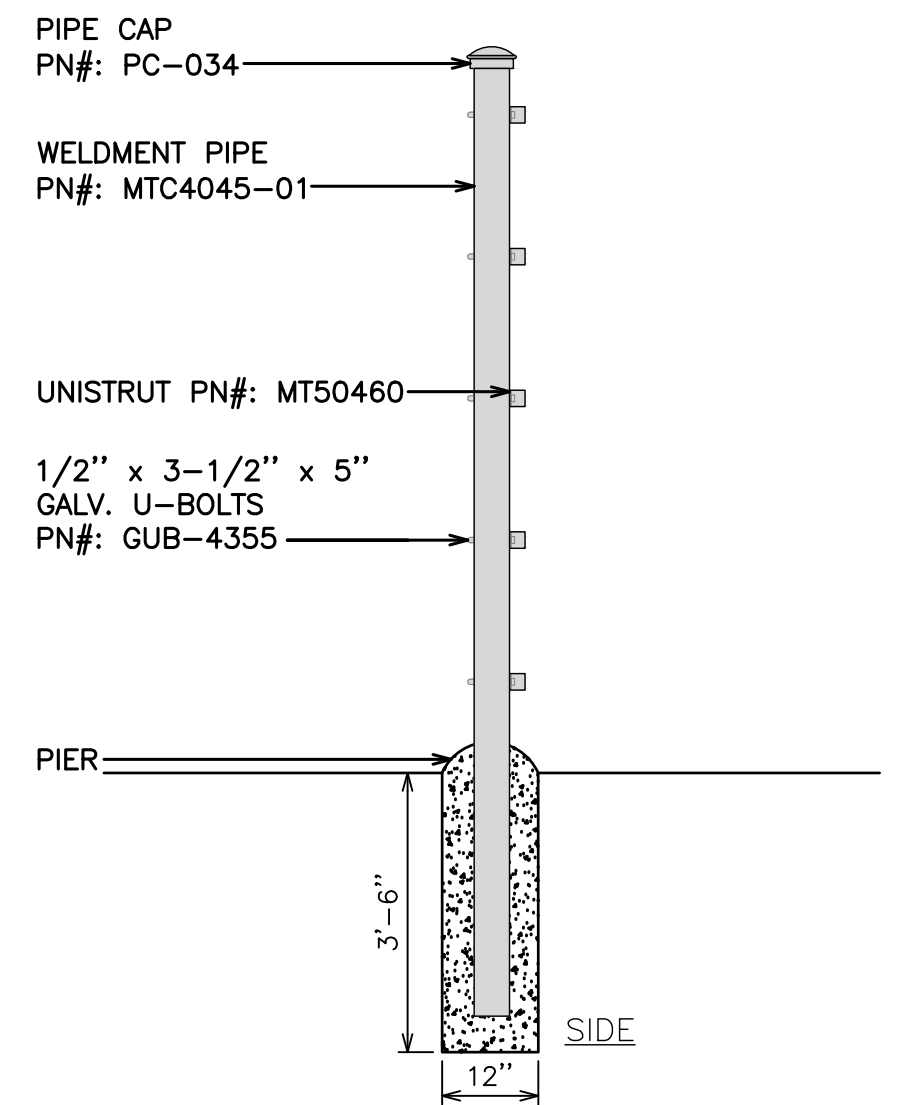
**HAND HOLE/PULL BOX DETAIL**

SCALE: N.T.S



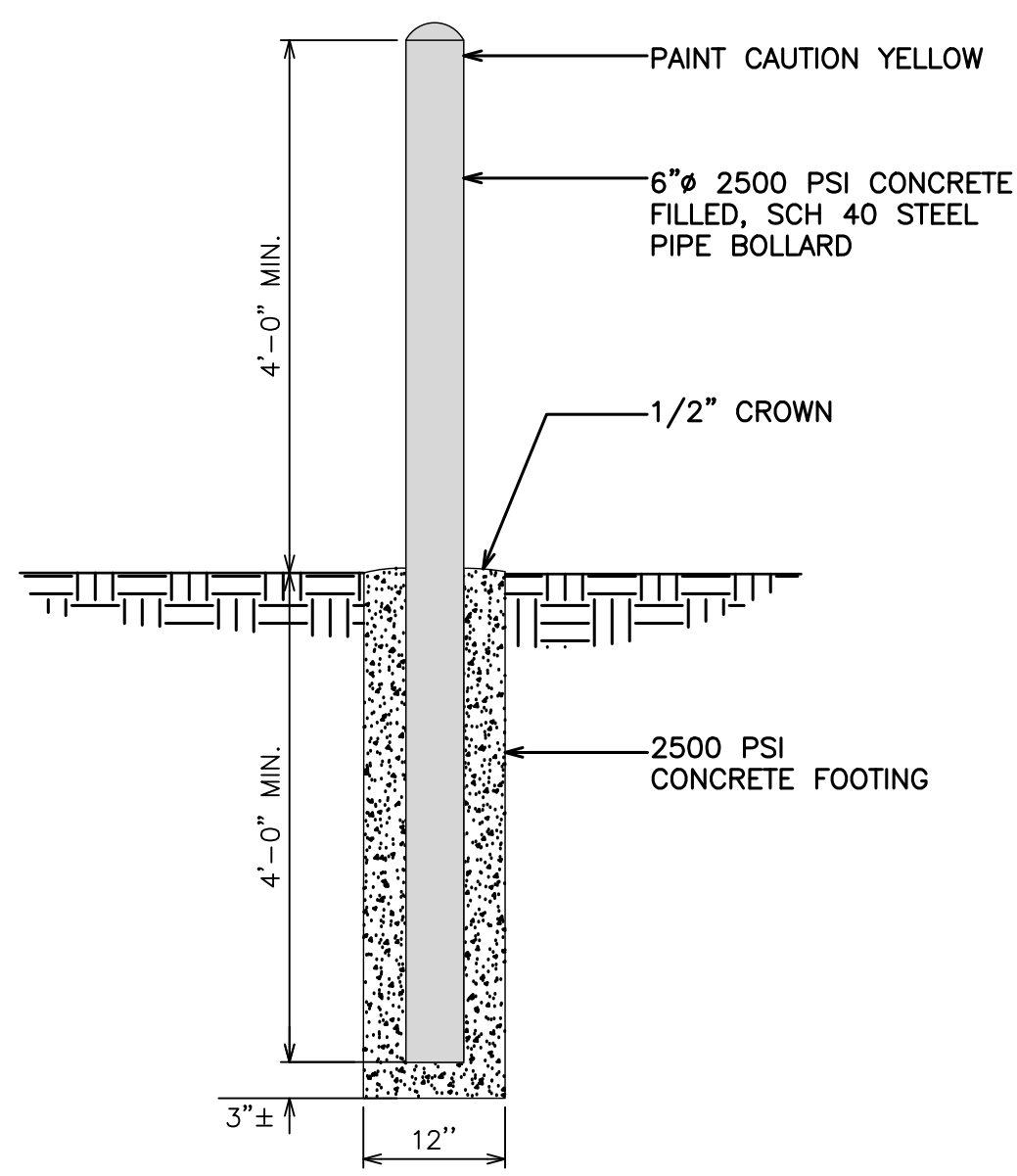
**TRENCH DETAIL**

SCALE: N.T.S



**UNISTRUT CONNECTION DETAIL**

SCALE: N.T.S

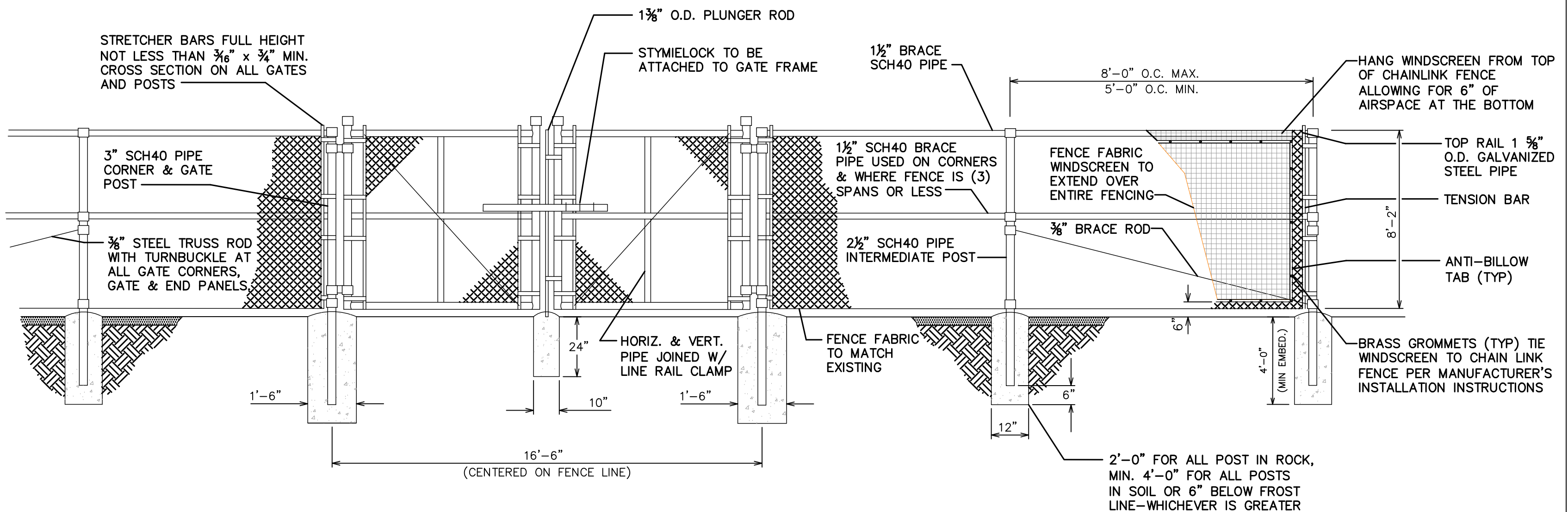


**STANDARD BOLLARD DETAIL**

SCALE: N.T.S

**NOTES:**

1. FENCE RATED TO 110 MPH WIND SPEED. REDUCE SPACING BY 0.3 M PER 10 MPH TO INCREASE RATING CMU FENCE REQUIRED ABOVE 150 MPH RATING.
2. POST DESIGN BASED ON 1,500 PSF SOIL BEARING CAPACITY.
3. ALL BACKFILL SHALL BE THOROUGHLY COMPACTED TO A MINIMUM OF 95% DENSITY USING THE MODIFIED PROCTOR METHOD.
4. ALL CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH ACI-318-14.



**FENCE AND ACCESS GATE**

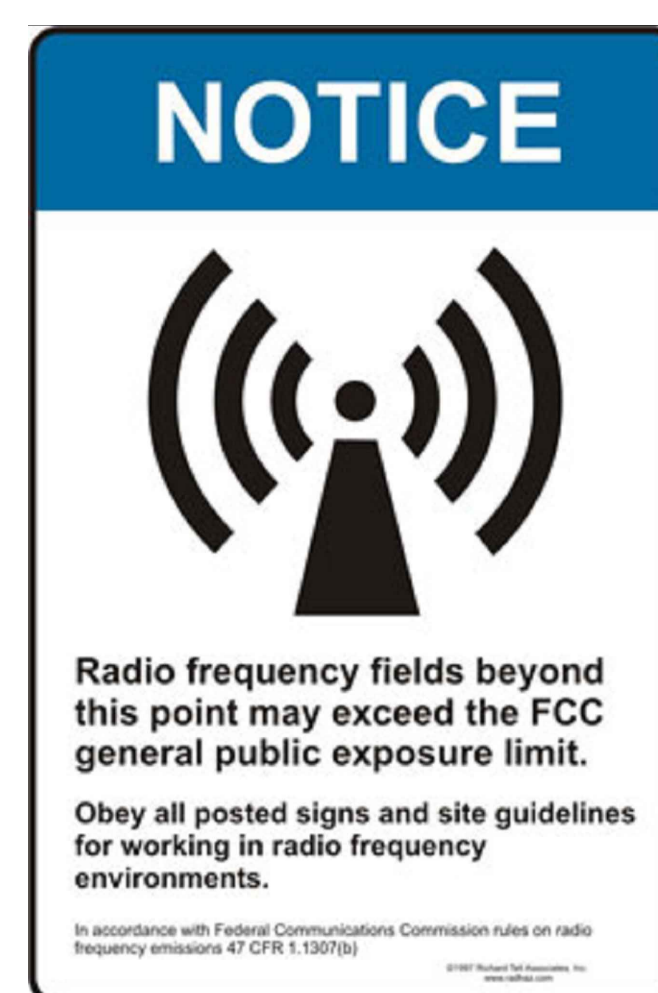
SCALE: N.T.S.

**NOTES:**

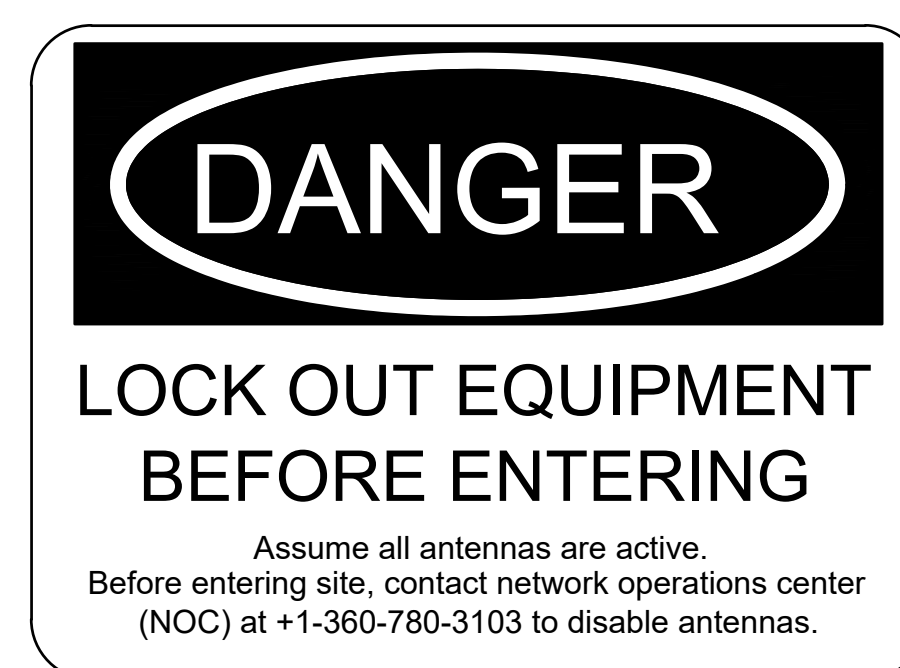
1. SIGNS SHALL BE MADE OF ALUMINUM WITH 1/4" HOLES 1/2" FROM EACH CORNER TO HANG SIGNS ON FENCE.
2. SIGNS SHALL BE INSTALLED ON GATE
3. SIGNS SHALL BE INSTALLED WITH CENTER AT 5' ABOVE FINISHED GRADE.



SIZE = 12"x18" ALUMINUM SIGN  
THICKNESS = 0.05" (1/16") OR CLOSEST STANDARD THICKNESS  
QUANTITY = 1



SIZE = 12"x18" ALUMINUM SIGN  
THICKNESS = 0.05" (1/16") OR CLOSEST STANDARD THICKNESS  
QUANTITY = 1



SIZE = 12"x16" ALUMINUM SIGN  
THICKNESS = 0.05" (1/16") OR CLOSEST STANDARD THICKNESS  
QUANTITY = 1

**SIGNS & SPECIFICATIONS**

SCALE: N.T.S

326 TRYON ROAD  
RALEIGH, NC 27603-3530  
OFFICE (919) 861-6351  
FAX (919) 861-6880

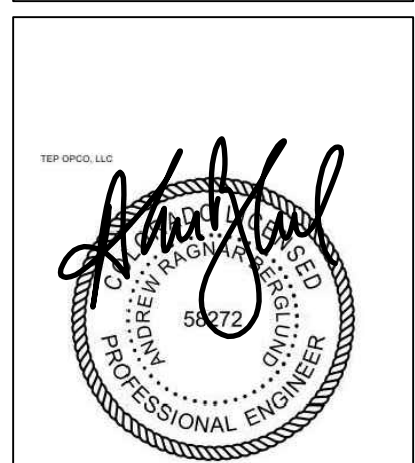


PLANS PREPARED BY:

1	05-15-26	CONSTRUCTION	ISSUED FOR:	DATE	05-25-26	PRELIMINARY	ISSUED FOR:	DATE	05-25-26	PRELIMINARY
0	04-01-26	CONSTRUCTION	ISSUED FOR:	DATE	03-30-26	PRELIMINARY	ISSUED FOR:	DATE	03-30-26	PRELIMINARY
B	03-30-26	CONSTRUCTION	ISSUED FOR:	DATE	03-30-26	PRELIMINARY	ISSUED FOR:	DATE	03-30-26	PRELIMINARY
A	03-30-26	CONSTRUCTION	ISSUED FOR:	DATE	03-30-26	PRELIMINARY	ISSUED FOR:	DATE	03-30-26	PRELIMINARY
REV	DATE	ISSUED FOR:	DATE	05-25-26	PRELIMINARY	ISSUED FOR:	DATE	05-25-26	PRELIMINARY	ISSUED FOR:
DRAWN BY:	OJK	CHECKED BY:	JFJ							

PROJECT INFORMATION:

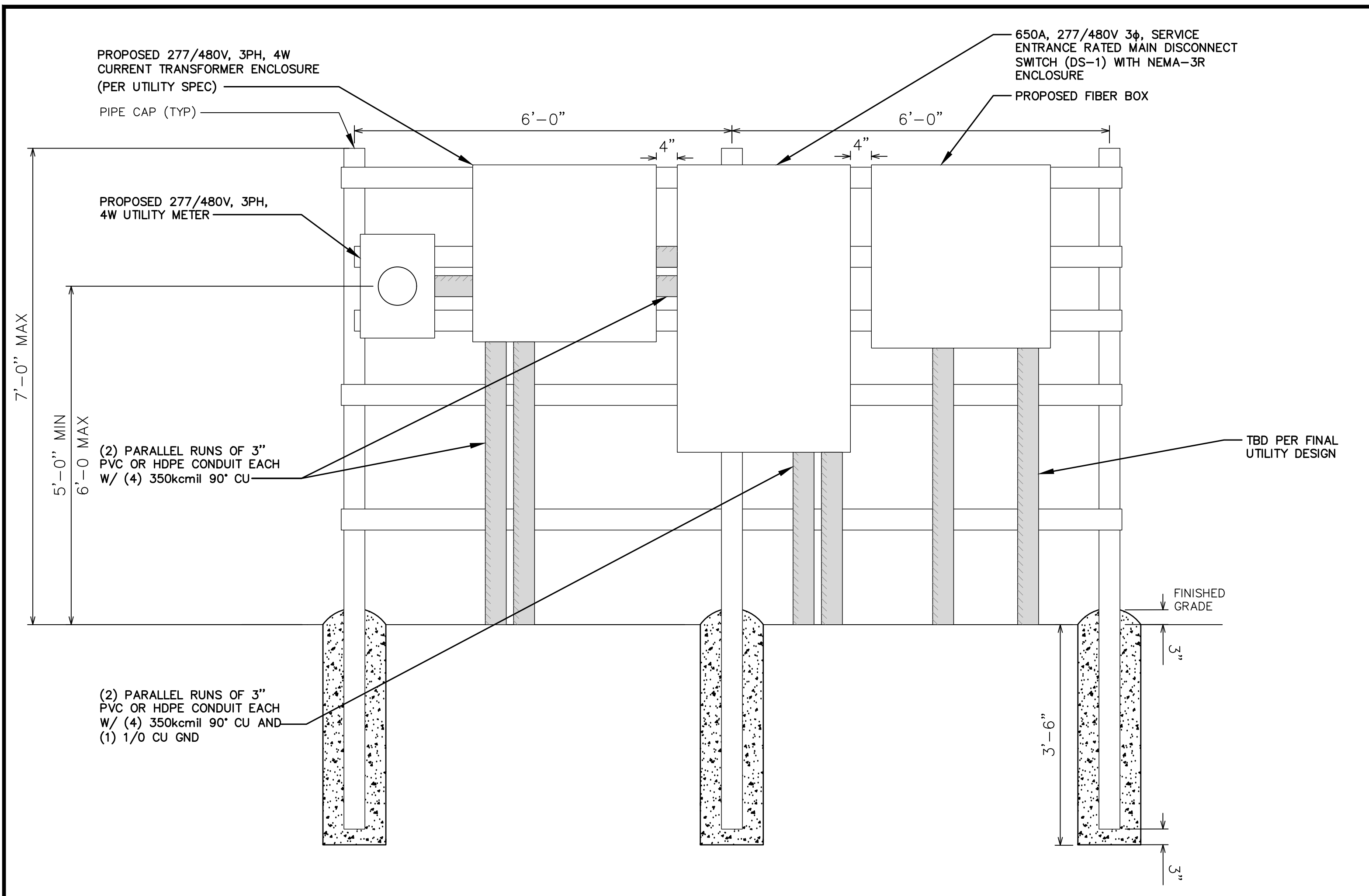
**SITE NAME:**  
COLORADO SPRINGS,  
CO - 100KM  
7113 SEAPE VILLAGE AVE.  
COLORADO SPRINGS, CO 80929  
(EL PASO COUNTY)



SCALE:

<b>STRUCTURAL DETAILS I</b>	REVISION:	1
	SHEET NUMBER:	<b>C-5.1</b>
TEP # 353465-499368		

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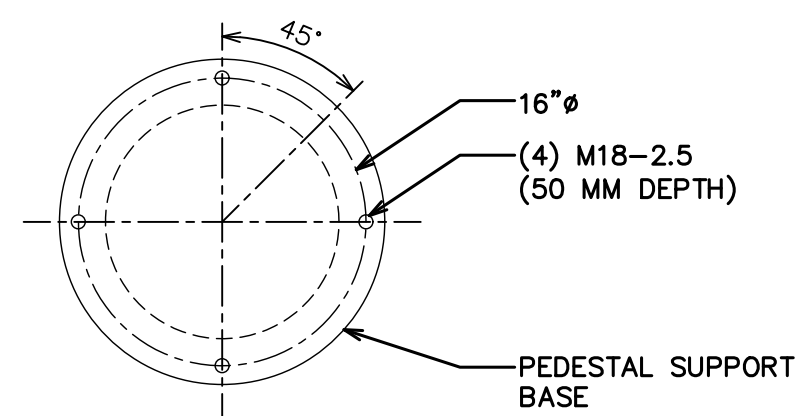


**UTILITY RACK MOUNTING DETAIL**

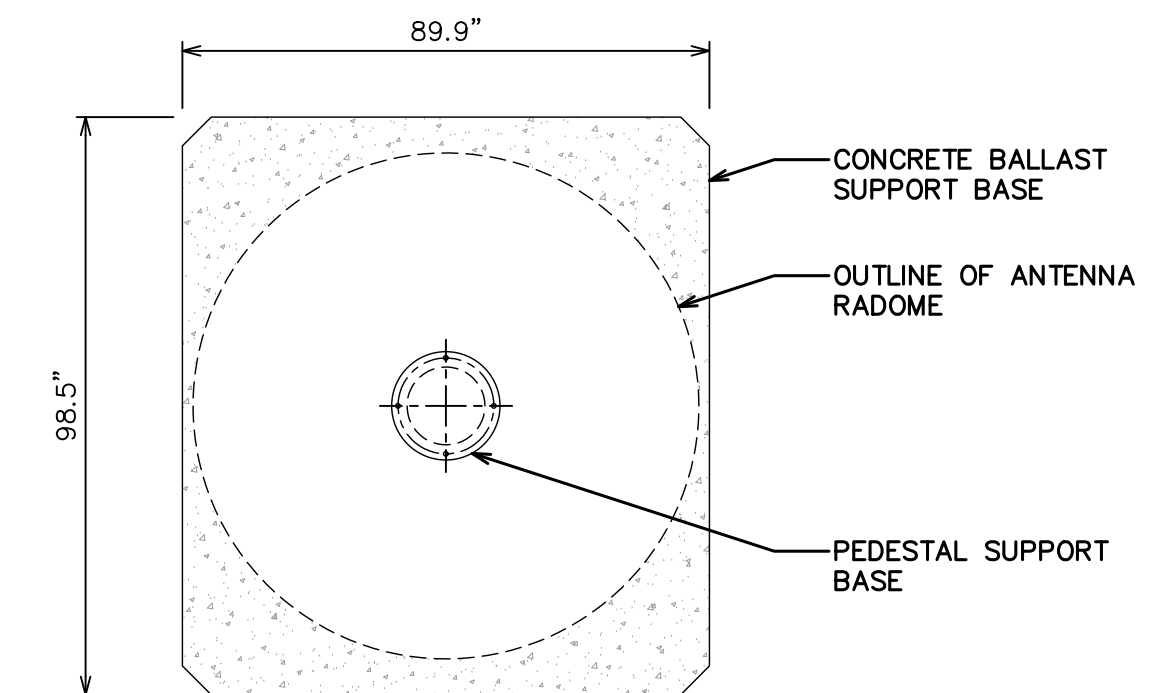
SCALE: N.T.S

**NOTES:**

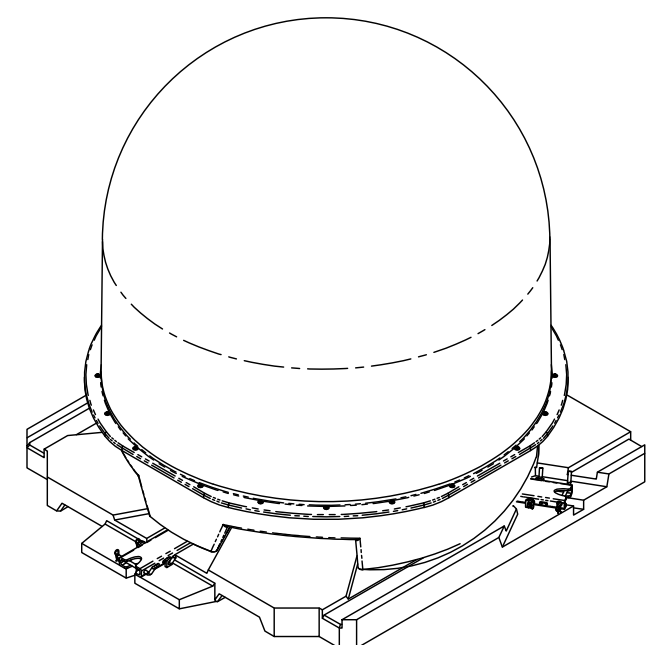
- UNIT MASS:  
ANTENNA: 2180 LBS  
CONCRETE BASE: 2990 LBS  
COMPLETE ASSEMBLY: 5170 LBS  
BASE LOADING: 152 PSF
- POWER REQUIREMENT: 340V TO 530V THREE PHASE AC 43HZ TO 67 HZ MAXIMUM CURRENT DRAW: 18A
- POWER CABLE:  
LENGTH: 40M  
CONNECTION: NEMA 16-30 LOCKING PLUG
- FIBER CABLE:  
LENGTH: 40M  
CONNECTION: DUPLEX LC-LC AND MP016-MPO-16 CABLE: SINGLE 7MM OD, UV RESISTANT PE JACKET CONTAINING BOTH (1) 2S OS2 SINGLE MODE FIBER AND (2) 16X OM4 MULTIMODE FIBER.
- MAXIMUM WIND RATING: 170 MPH



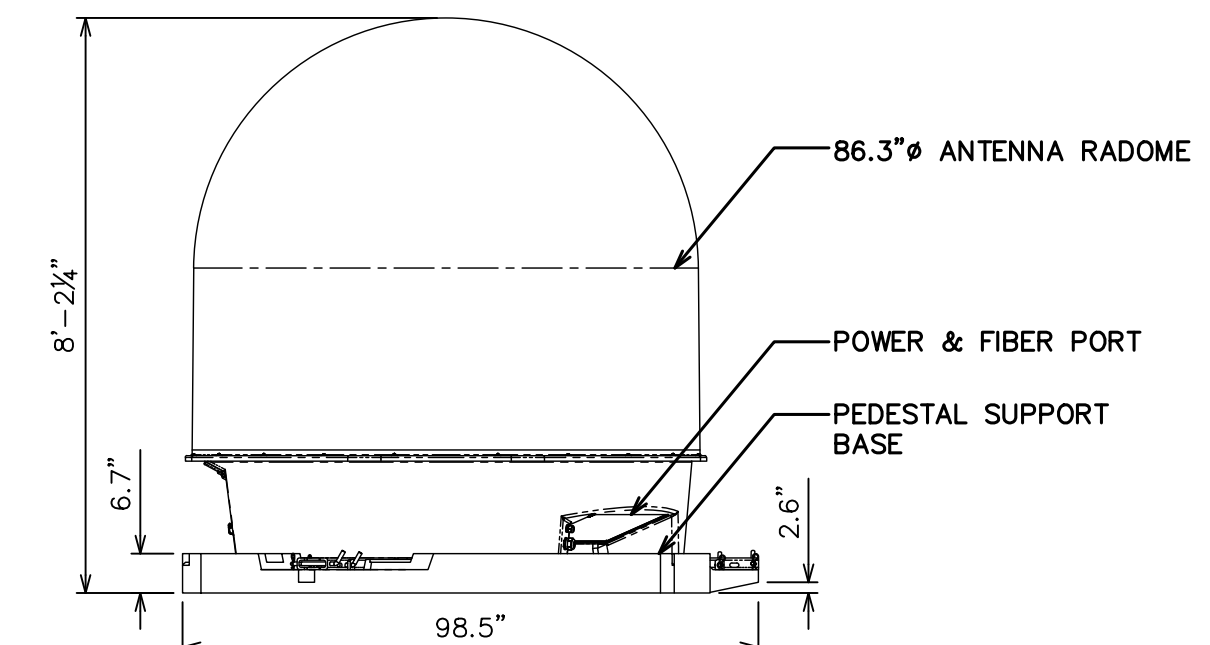
**BOLT PATTERN**



**PLAN VIEW**



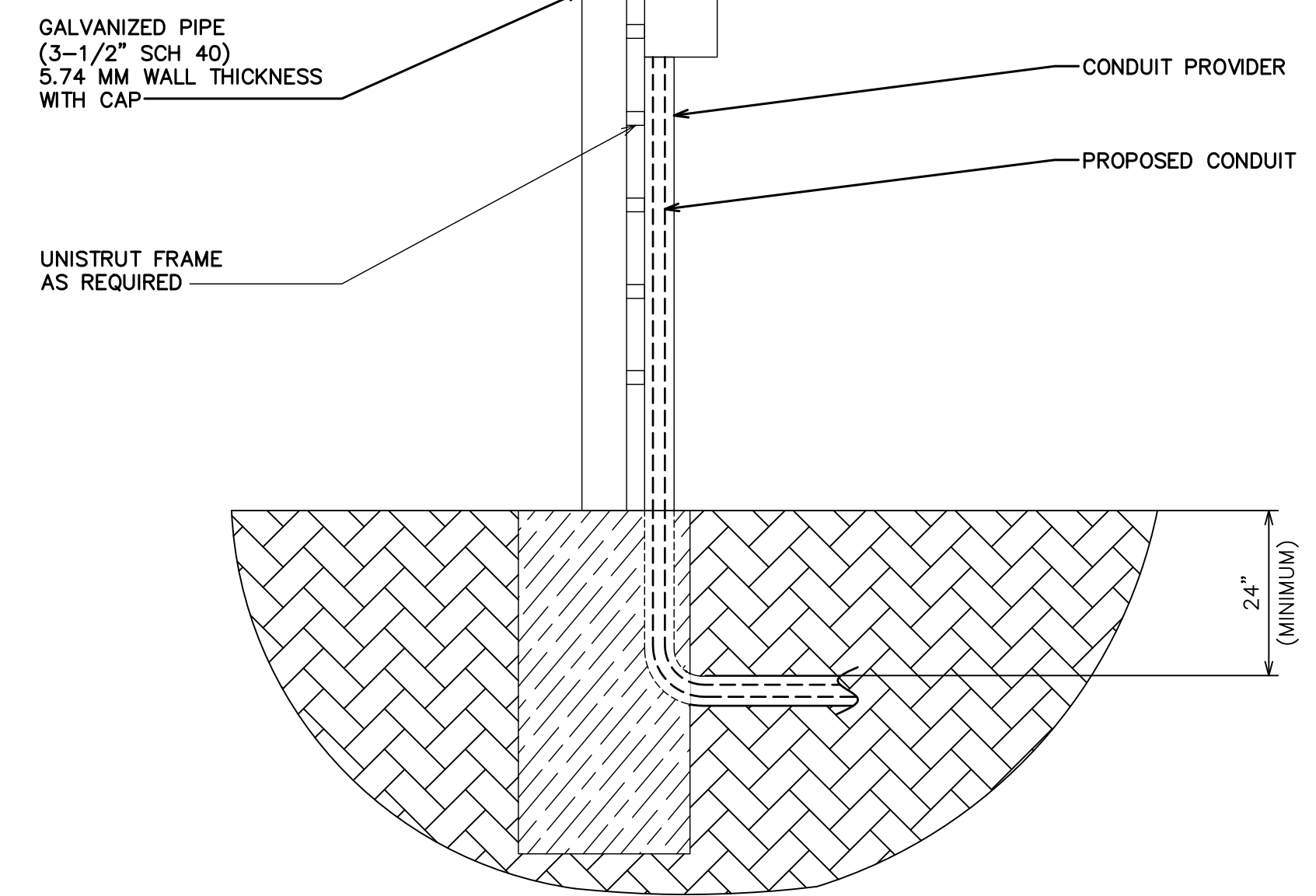
**ISOMETRIC VIEW**



**SIDE VIEW**

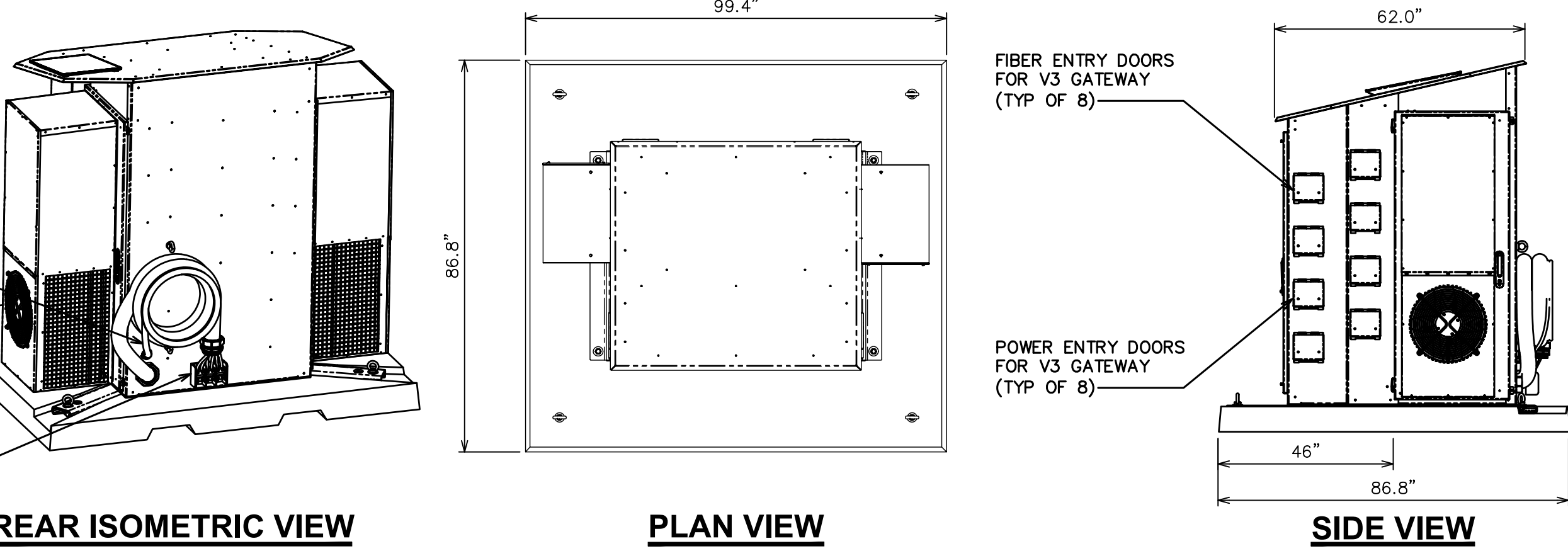
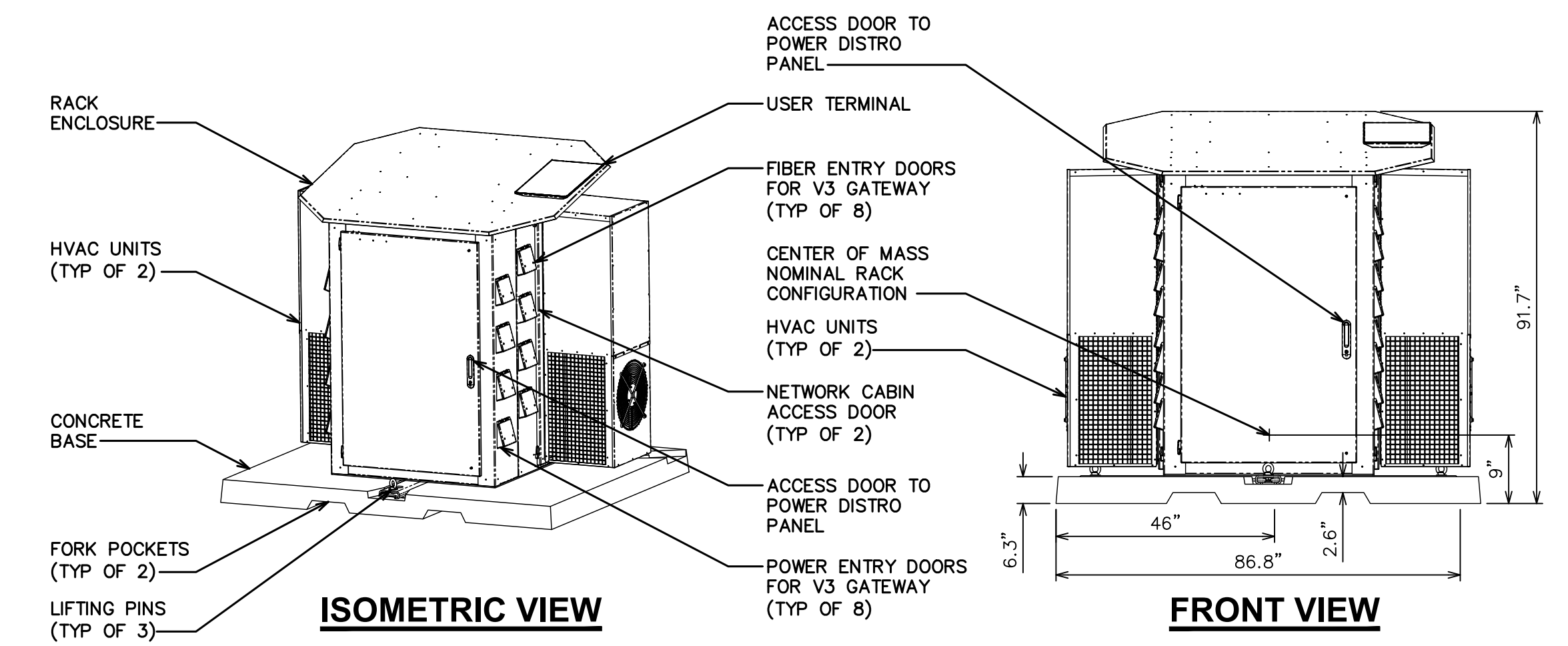
**GATEWAY V5 ANTENNA DETAIL**

SCALE: N.T.S



**CONDUIT PROFILE DETAIL**

SCALE: N.T.S



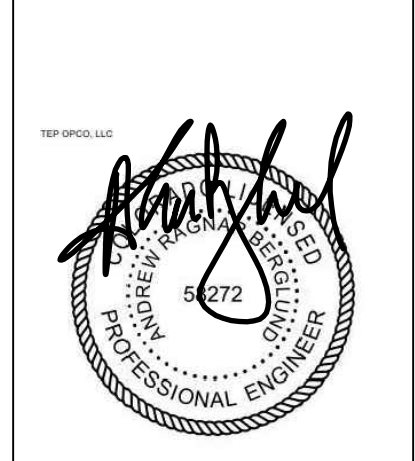
**GATEWAY V3 HEAD END RACK DETAILS**

SCALE: N.T.S

PLANS PREPARED BY:

1	05-15-26	CONSTRUCTION
0	04-01-26	CONSTRUCTION
B	03-30-26	PRELIMINARY
A	03-25-26	PRELIMINARY
REV	DATE	ISSUED FOR:
DRAWN BY:	OJK	CHECKED BY:
		JFJ

**PROJECT INFORMATION:**  
**SITE NAME:**  
**COLORADO SPRINGS, CO - 100KM**  
 7113 SPAGE VILLAGE AVE.  
 COLORADO SPRINGS, CO 80929  
 (EL PASO COUNTY)



SCALE: 05-15-26

**SHEET TITLE:**  
**STRUCTURAL DETAILS II**  
**SHEET NUMBER:**  
**C-5.2**  
**REVISION:**  
 1  
 TEP # 353465-490368

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326 TRYON ROAD  
 RALEIGH, NC 27603-3630  
 OFFICE (919) 861-6351  
 FAX (919) 861-6880

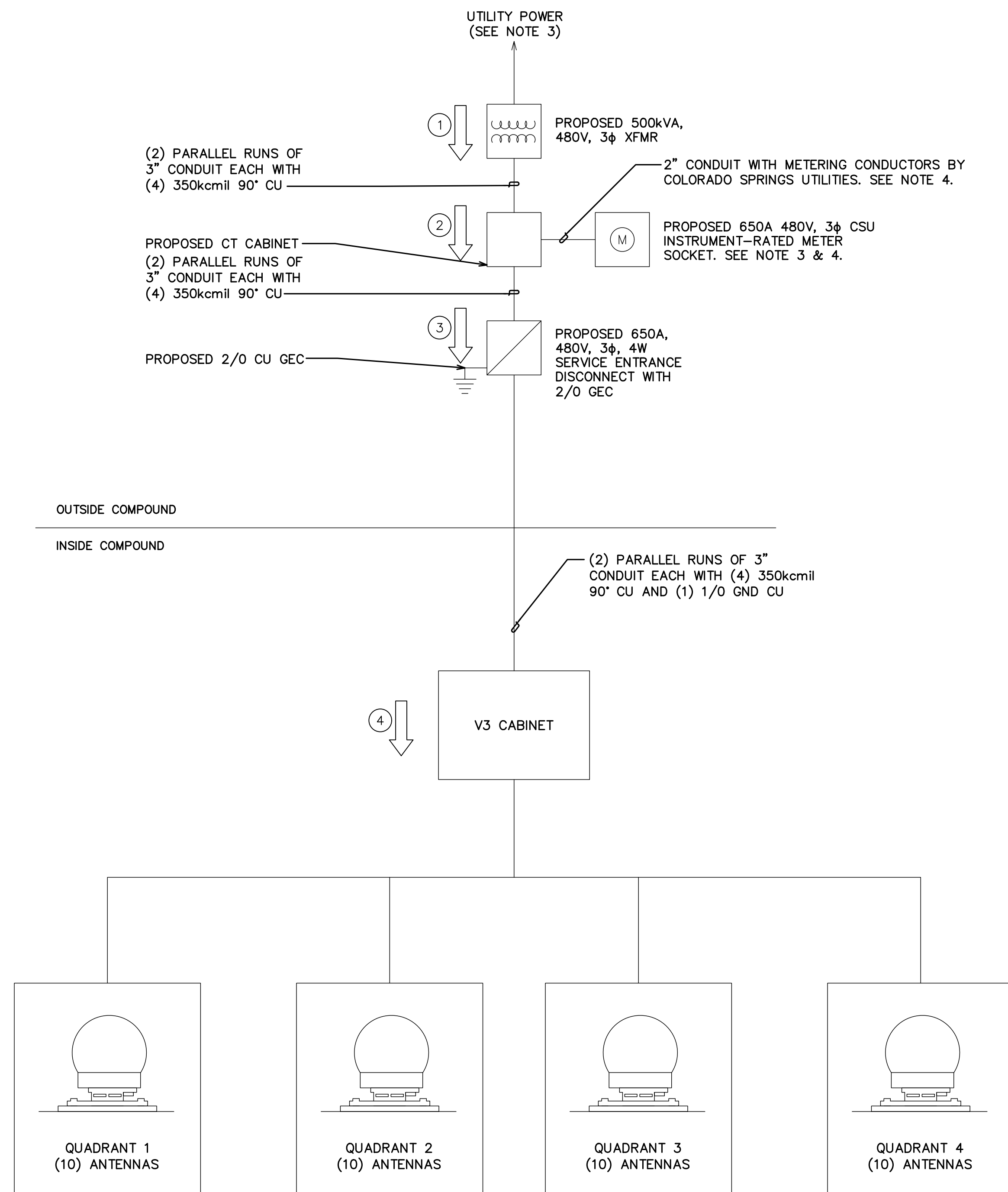


**NOTES:**

- ELECTRICAL DESIGN HAS A MAXIMUM VOLTAGE DROP OF 5% PER C405.10 OF THE 2021 IECC.
- A FINAL COMMISSIONING REPORT SHALL BE DELIVERED TO THE COMPOUND OWNER PER SECTION C408.2.5 OF THE 2021 IECC.
- ALL UTILITY SOURCE INFORMATION, INCLUDING FINAL TRANSFORMER LOCATION, SERVICE ROUTING, AND AVAILABLE FAULT CURRENT, IS PENDING FINAL UTILITY COORDINATION WITH COLORADO SPRINGS UTILITIES.
- FINAL METER SOCKET TYPE & METERING CONDUCTORS TO BE VERIFIED WITH COLORADO SPRINGS UTILITIES FIELD ENGINEER PRIOR TO INSTALLATION.

V3 VOLTAGE DROP CALCS		
SOURCE VOLTAGE*	480	VOLTS
CABINET VOLTAGE**	477	VOLTS
ALLOWABLE ANTENNA VOLTAGE	340-530	VOLTS

\*CONTRACTOR TO CONFIRM SOURCE VOLTAGE PRIOR TO CONSTRUCTION  
 \*\*ALLOWABLE CABINET VOLTAGE RANGE: 340-530V



FAULT CURRENT AT EQUIPMENT			
#	EQUIPMENT	FAULT CURRENT	AIC RATING
1	UTILITY TRANSFORMER	43,000A	N/A
2	650A UTILITY METER	36,733A	MIN. 65k AIC
3	650A DISCONNECT	35,560A	MIN. 65k AIC
4	PROPOSED V3 CABINET	15,260A	MIN. 65k AIC

**ONE-LINE DIAGRAM**

SCALE: N.T.S.

**NOTES:**

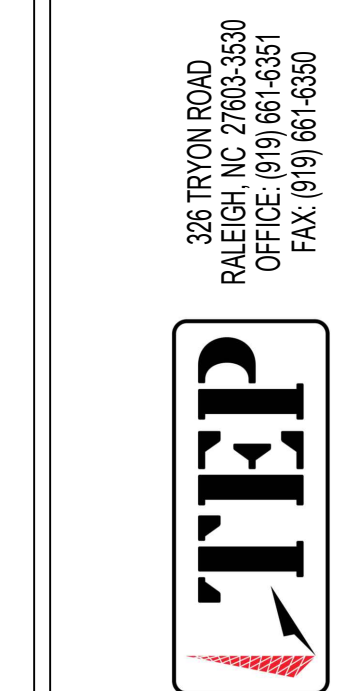
- THE PANELBOARD SHALL HAVE A MINIMUM AMPERE INTERRUPTING CAPACITY (AIC) RATING OF 65,000 AMPS.
- LOAD INFORMATION FOR THIS PANEL IS BASED ON TYPICAL LOAD ITEMS ASSOCIATED WITH THIS CLASS/SIZE OF METERED MAIN BREAKER PANEL AS SUBMITTED TO THE UTILITY.

480V, 3 $\phi$ WYE, V3 POWER RACK AC DISTRIBUTION PANEL SCHEDULE												
LOAD SERVED	VOLT AMPERES (WATTS)			TRIP	CKT #	TRIP	VOLT AMPERES (WATTS)			LOAD SERVED		
	L1	L2	L3				L1	L2	L3			
UPS #1	4711	4711	4711	30A	1	2	30A	3533	3533	3533	HVAC #1	
UPS #2	4711	4711	4711	30A	3	4	30A	3533	3533	3533	HVAC #2	
ANTENNA 1	3020	3020	3020	30A	5	6	30A	3020	3020	3020	ANTENNA 2	
ANTENNA 3	3020	3020	3020	30A	7	8	30A	3020	3020	3020	ANTENNA 4	
ANTENNA 5	3020	3020	3020	30A	9	10	30A	3020	3020	3020	ANTENNA 6	
ANTENNA 7	3020	3020	3020	30A	11	12	30A	3020	3020	3020	ANTENNA 8	
ANTENNA 9	3020	3020	3020	30A	13	14	30A	3020	3020	3020	ANTENNA 10	
ANTENNA 11	3020	3020	3020	30A	15	16	30A	3020	3020	3020	ANTENNA 12	
ANTENNA 13	3020	3020	3020	30A	17	18	30A	3020	3020	3020	ANTENNA 14	
ANTENNA 15	3020	3020	3020	30A	19	20	30A	3020	3020	3020	ANTENNA 16	
ANTENNA 17	3020	3020	3020	30A	21	22	30A	3020	3020	3020	ANTENNA 18	
ANTENNA 19	3020	3020	3020	30A	23	24	30A	3020	3020	3020	ANTENNA 20	
ANTENNA 21	3020	3020	3020	30A	25	26	30A	3020	3020	3020	ANTENNA 22	
ANTENNA 23	3020	3020	3020	30A	27	28	30A	3020	3020	3020	ANTENNA 24	
ANTENNA 25	3020	3020	3020	30A	29	30	30A	3020	3020	3020	ANTENNA 26	
ANTENNA 27	3020	3020	3020	30A	31	32	30A	3020	3020	3020	ANTENNA 28	
ANTENNA 29	3020	3020	3020	30A	33	34	30A	3020	3020	3020	ANTENNA 30	
ANTENNA 31	3020	3020	3020	30A	35	36	30A	3020	3020	3020	ANTENNA 32	
ANTENNA 33	3020	3020	3020	30A	37	38	30A	3020	3020	3020	ANTENNA 34	
ANTENNA 35	3020	3020	3020	30A	39	40	30A	3020	3020	3020	ANTENNA 36	
ANTENNA 37	3020	3020	3020	30A	41	42	30A	3020	3020	3020	ANTENNA 38	
ANTENNA 39	3020	3020	3020	30A	43	44	30A	3020	3020	3020	ANTENNA 40	
VOLT AMPS	69822	69822	69822					67466	67466	67466	VOLT AMPS	
L1 VOLT AMPERES				L1	L2	L3	L2, L3 VOLT AMPERES					
				137288	137288	137288	MAX VOLT AMPERES					
				137288			MAX AMPS					
				495.6			MAX 3PH KVA					
				411.9								

\*INSTALL PER MARKET STANDARDS  
 \*\*ANTENNAS SHOWN AT MAXIMUM LOADING. POWER USAGE PROVIDED BY THE CUSTOMER

**PANEL SCHEDULE**

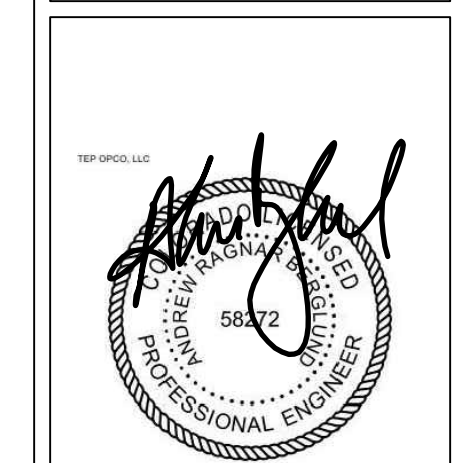
SCALE: N.T.S.



PLANS PREPARED BY:

CONSTRUCTION	05-15-26	DATE	JFJ
CONSTRUCTION	04-01-26	DATE	JFJ
PRELIMINARY	03-30-26	DATE	JFJ
PRELIMINARY	03-25-26	DATE	JFJ
ISSUED FOR:		DATE	
CHECKED BY:	OJK	DATE	

PROJECT INFORMATION:  
**SITE NAME: COLORADO SPRINGS, CO - 100KM**  
 7113 SPAGE VILLAGE AVE.  
 COLORADO SPRINGS, CO 80929  
 (EL PASO COUNTY)



SEAL: [Professional Engineer Seal]  
 SHEET NUMBER: **E-1.1**  
 REVISION: 1  
 TEP # 353465-490368  
 05-15-26

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