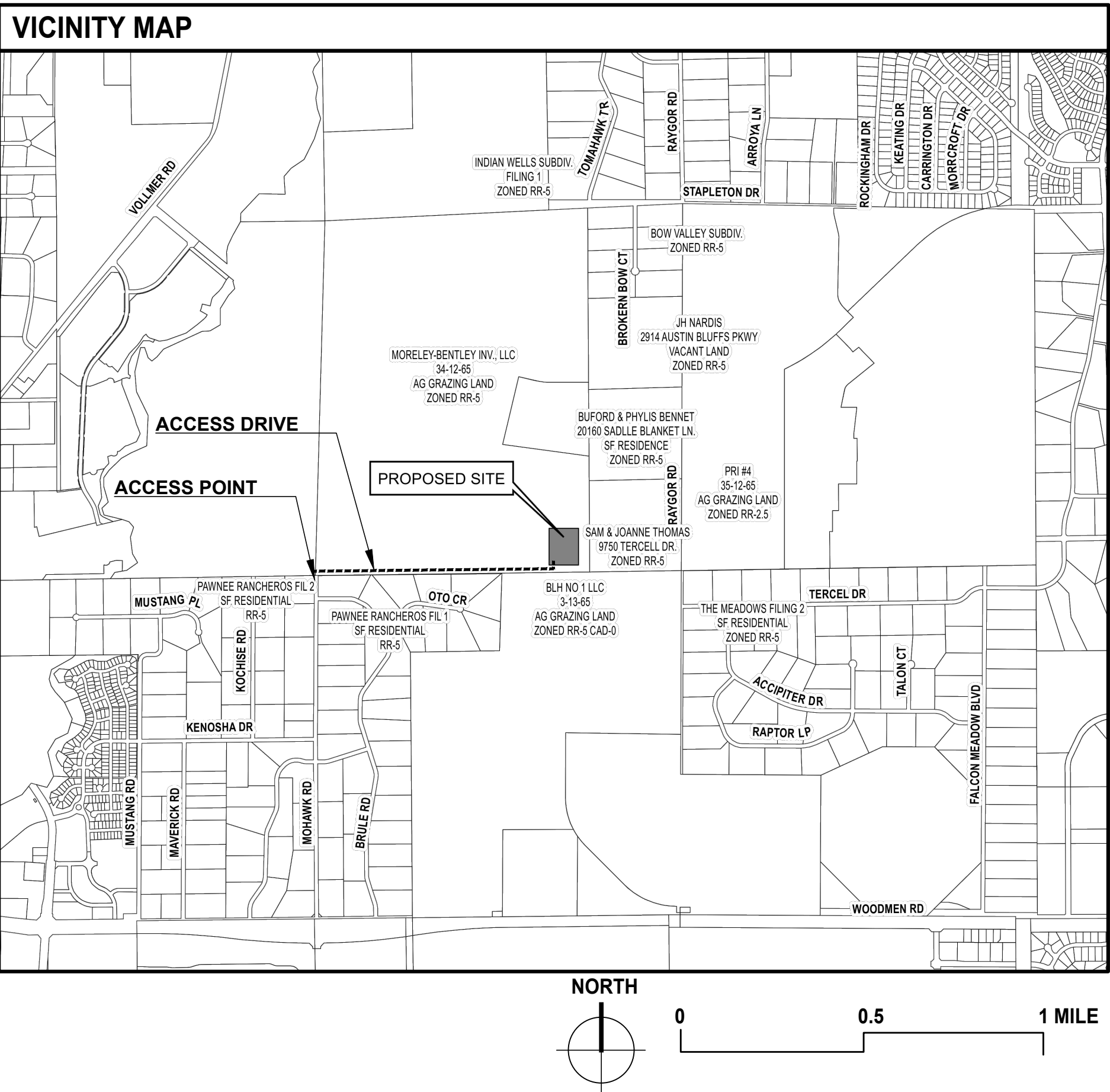


SIGNATURE BLOCK

PLANNING & COMMUNITY DEVELOPMENT DIRECTOR
EL PASO COUNTY, COLORADO

DATE



ADA NOTE

THE PARTIES RESPONSIBLE FOR THIS PLAN HAVE FAMILIARIZED THEMSELVES WITH ALL CURRENT ACCESSIBILITY CRITERIA AND SPECIFICATIONS AND THE PROPOSED PLAN REFLECTS ALL SITE ELEMENTS REQUIRED BY THE APPLICABLE ADA DESIGN STANDARDS AND GUIDELINES AS PUBLISHED BY THE UNITED STATES DEPARTMENT OF JUSTICE. APPROVAL OF THIS PLAN BY EL PASO COUNTY DOES NOT ASSURE COMPLIANCE WITH THE ADA OR ANY REGULATIONS OR GUIDELINES ENACTED OR PROMULGATED UNDER OR WITH RESPECT TO SUCH LAWS.

Approved

By: Craig Dossey, Executive Director
Date: 02/14/2022
El Paso County Planning & Community Development

PROJECT DATA TABULATION			
ITEM	%	QTY	UNIT
1 PROPERTY SQUARE FOOTAGE	100	217,800	SF
2 CONTROL BUILDING SQUARE FOOTAGE 25'X15'	>1	375	SF
3 PARKING/VEHICULAR USE AREAS - MAINTENANCE VEHICLES	42	91,825	SF
4 LANDSCAPED AREA	67	126,200	SF

LEGAL DESCRIPTION

A PARCEL OF LAND IN THE SOUTHEAST QUARTER OF THE SOUTHWEST QUARTER OF THE SOUTHEAST QUARTER (SE 1/4, SW 1/4, SE 1/4) OF SECTION 34, TOWNSHIP 12 SOUTH, RANGE 65 WEST, OF THE SIXTH PRINCIPAL MERIDIAN, EL PASO COUNTY, COLORADO, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BASIS OF BEARINGS: THE SOUTH LINE OF THE SOUTHWEST QUARTER (SW1/4) OF SECTION 34, TOWNSHIP 12 SOUTH, RANGE 65 WEST OF THE 6TH P.M. EL PASO COUNTY, COLORADO, TO THE SOUTHWEST CORNER OF SAID SOUTHWEST QUARTER (SW1/4) BEING MONUMENTED WITH A 2-1/2" ALUMINUM CAP STAMPED 11LS 11624", FROM WHICH THE SOUTHWEST CORNER OF SAID SOUTHWEST QUARTER (SW1/4) BEING MONUMENTED WITH A 2-1/2" ALUMINUM CAP STAMPED 11LS 1162411, BEARS N89°14'11.14"E, A DISTANCE OF 2,722.56 FEET. COMMENCING AT THE SOUTHEAST CORNER OF SAID SOUTHWEST QUARTER (SW1/4) OF SECTION 34;

THENCE N80°45'26"E, A DISTANCE OF 677.82 FEET TO THE POINT OF BEGINNING;

THENCE N00°13'01"W, A DISTANCE OF 545.00 FEET;

THENCE N89°14'26.11"E, A DISTANCE OF 400.00 FEET;

THENCE S00°13'01"E, A DISTANCE OF 545.00 FEET;

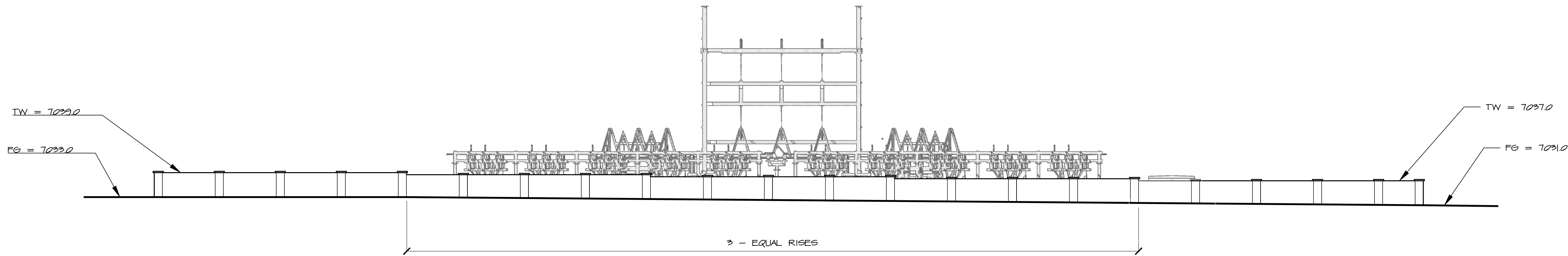
THENCE S89°14'26"W, A DISTANCE OF 400.00 FEET TO THE POINT OF BEGINNING;

SAID PARCEL CONTAINS A CALCULATED AREA OF 5.00 ACRES MORE OR LESS.

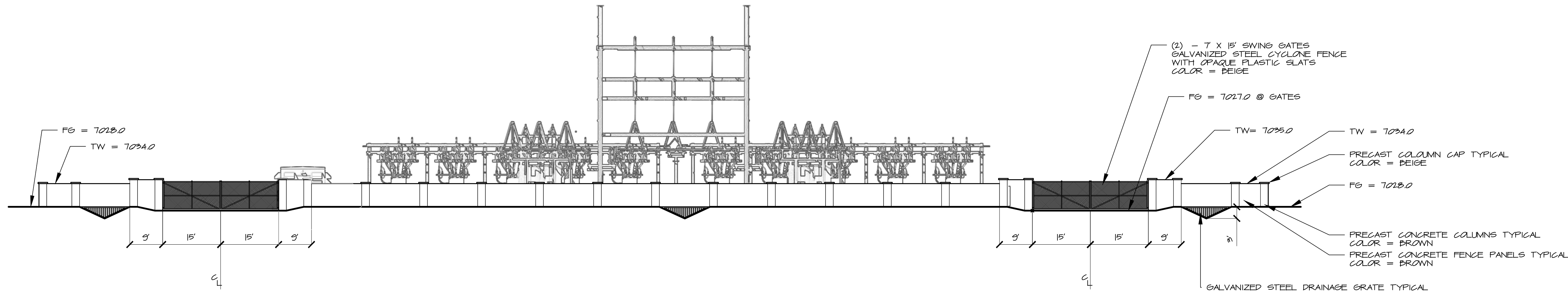
LEGEND	
EXISTING OVERHEAD LINE	OH
EASEMENT LINE	---
PROPERTY LINE	---
EXISTING CONTOUR LINE	---1021---
PROPOSED FENCE LINE	-X-X-X-X-X-
SCREEN FENCE	---
PROPOSED EMERGENCY YARD LIGHT	⊕



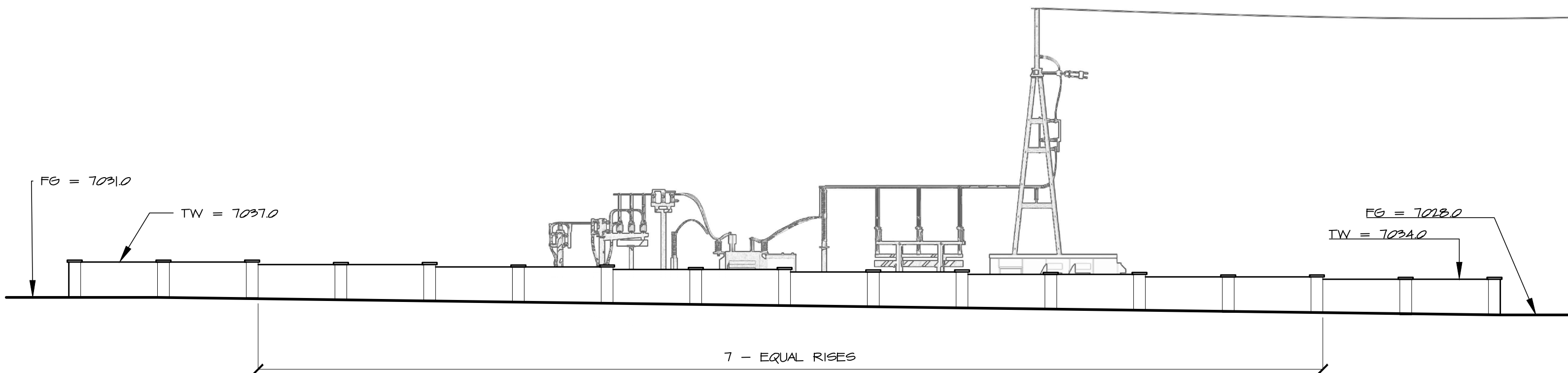
PREPARER: Visual Environments Landscape Architecture/ Planning/GIS (303) 646-2985 P.O. 1263, Elizabeth, CO 80107 mark.button@visenv.com	OWNER/DEVELOPER: MOUNTAIN VIEW ELECTRIC ASSOCIATION, INC. Your Touchstone Energy Cooperative (719) 495 - 2283 11140 E Woodmen Rd., Falcon, CO 80831-8199 waldner-d@mvea.org	APPLICANT: TRI-STATE Generation and Transmission Association, Inc. A Touchstone Energy Cooperative (303) 452 - 6111 1100 W 116th Ave, Westminster, CO 80234 zsutton@tristategroup.org	<table><tr><th>REV</th><th>DESCRIPTION</th><th>DATE</th><th>BY</th><th>CHK</th><th>DATE</th></tr><tr><td>1</td><td>POST EL PASO COUNTY 12/28/19 REVIEW</td><td>12/28/19</td><td>MB</td><td>MB</td><td>1/2/20</td></tr><tr><td>2</td><td>EASEMENT & SS BUFFER INDICATORS</td><td>1/2/20</td><td>MB</td><td>MB</td><td>1/2/20</td></tr><tr><td>3</td><td>ADDED DRAINAGE EASEMENT ADJACENT TO NORTH PROPERTY LINE</td><td>6/8/20</td><td>MB</td><td>MB</td><td>6/8/20</td></tr><tr><td>4</td><td>REVISED DRAINAGE EASEMENT ADJACENT TO NORTH PROPERTY LINE</td><td>6/8/20</td><td>MB</td><td>MB</td><td>6/8/20</td></tr><tr><td>5</td><td>POST EL PASO COUNTY 10/22/21 REVIEW</td><td>11/3/21</td><td>MB</td><td>MB</td><td>11/3/21</td></tr><tr><td>6</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>7</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>8</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>9</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>10</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>11</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>12</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>13</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>14</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>15</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>16</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>17</td><td></td><td></td><td></td><td></td><td></td></tr><tr><td>18</td><td></td><td></td><td></td><td></td><td></td></tr></table>	REV	DESCRIPTION	DATE	BY	CHK	DATE	1	POST EL PASO COUNTY 12/28/19 REVIEW	12/28/19	MB	MB	1/2/20	2	EASEMENT & SS BUFFER INDICATORS	1/2/20	MB	MB	1/2/20	3	ADDED DRAINAGE EASEMENT ADJACENT TO NORTH PROPERTY LINE	6/8/20	MB	MB	6/8/20	4	REVISED DRAINAGE EASEMENT ADJACENT TO NORTH PROPERTY LINE	6/8/20	MB	MB	6/8/20	5	POST EL PASO COUNTY 10/22/21 REVIEW	11/3/21	MB	MB	11/3/21	6						7						8						9						10						11						12						13						14						15						16						17						18						CASE ID #S EA-17195 	<table><tr><td>ENG: MB</td><td>CLIENT/PROJECT: MOUNTAIN VIEW ELECTRIC ASSOCIATION VOLLMER SUBSTATION, 9167 MOHAWK RD, COLORADO SPRINGS, CO 80908</td><td rowspan="3">SHEET: S-1</td></tr><tr><td>DWN: MB</td><td>TITLE: SITE PLAN</td></tr><tr><td>CHK: MB</td><td>EL PASO COUNTY TAX SCHEDULE ID 5234002001</td></tr><tr><td>DATE: 11/3/21</td><td>PAGE: 1 OF 2</td><td>REVISION:</td></tr></table>	ENG: MB	CLIENT/PROJECT: MOUNTAIN VIEW ELECTRIC ASSOCIATION VOLLMER SUBSTATION, 9167 MOHAWK RD, COLORADO SPRINGS, CO 80908	SHEET: S-1	DWN: MB	TITLE: SITE PLAN	CHK: MB	EL PASO COUNTY TAX SCHEDULE ID 5234002001	DATE: 11/3/21	PAGE: 1 OF 2	REVISION:
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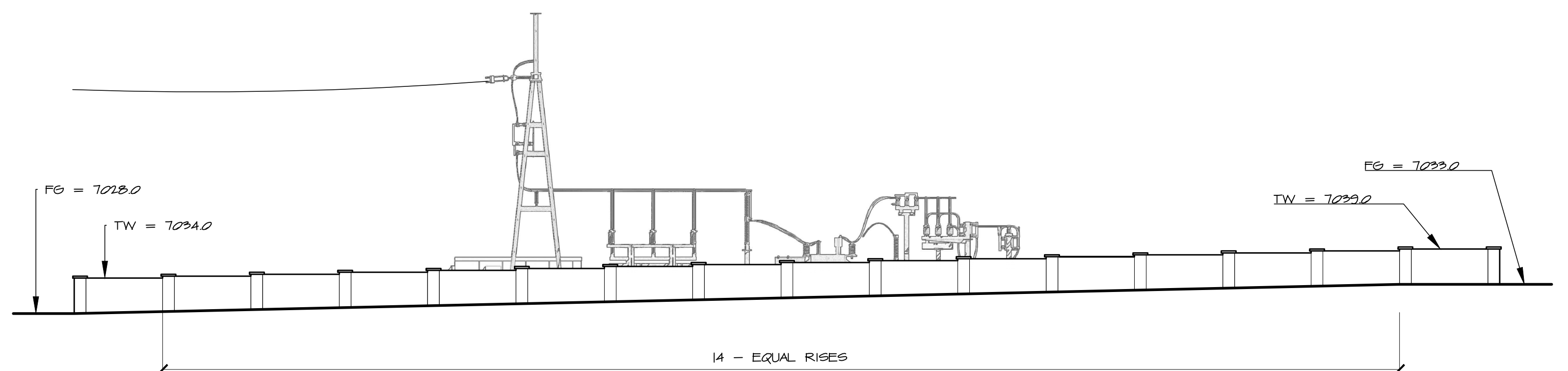
1 NORTH FENCE ELEVATION
1" = 16' - 0"



2 SOUTH FENCE ELEVATION
1" = 16' - 0"



3 WEST FENCE ELEVATION
1" = 16' - 0"



4 EAST FENCE ELEVATION
1" = 16' - 0"

PREPARER:
Visual Environments
Landscape Architecture/ Planning/GIS
(303) 646-2985
P.O. 1263, Elizabeth, CO 80107
mark.button@visenv.com

OWNER/DEVELOPER:
MOUNTAIN VIEW ELECTRIC ASSOCIATION, INC.
Your Touchstone Energy Cooperative
(719) 495 - 2283
11140 E Woodmen Rd., Falcon, CO 80831-8199
waldner-d@mvea.org

APPLICANT:
TRI-STATE
Generation and Transmission
Association, Inc.
A Touchstone Energy Cooperative
(303) 452 - 6111
1100 W 116th Ave, Westminster, CO 80234
zsutton@tristategt.org

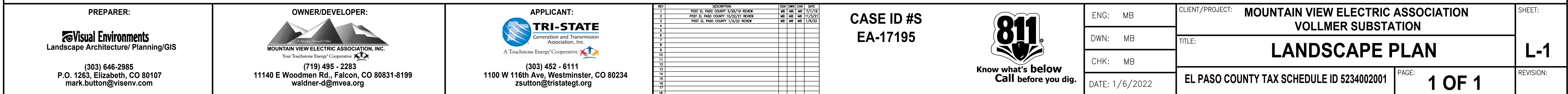
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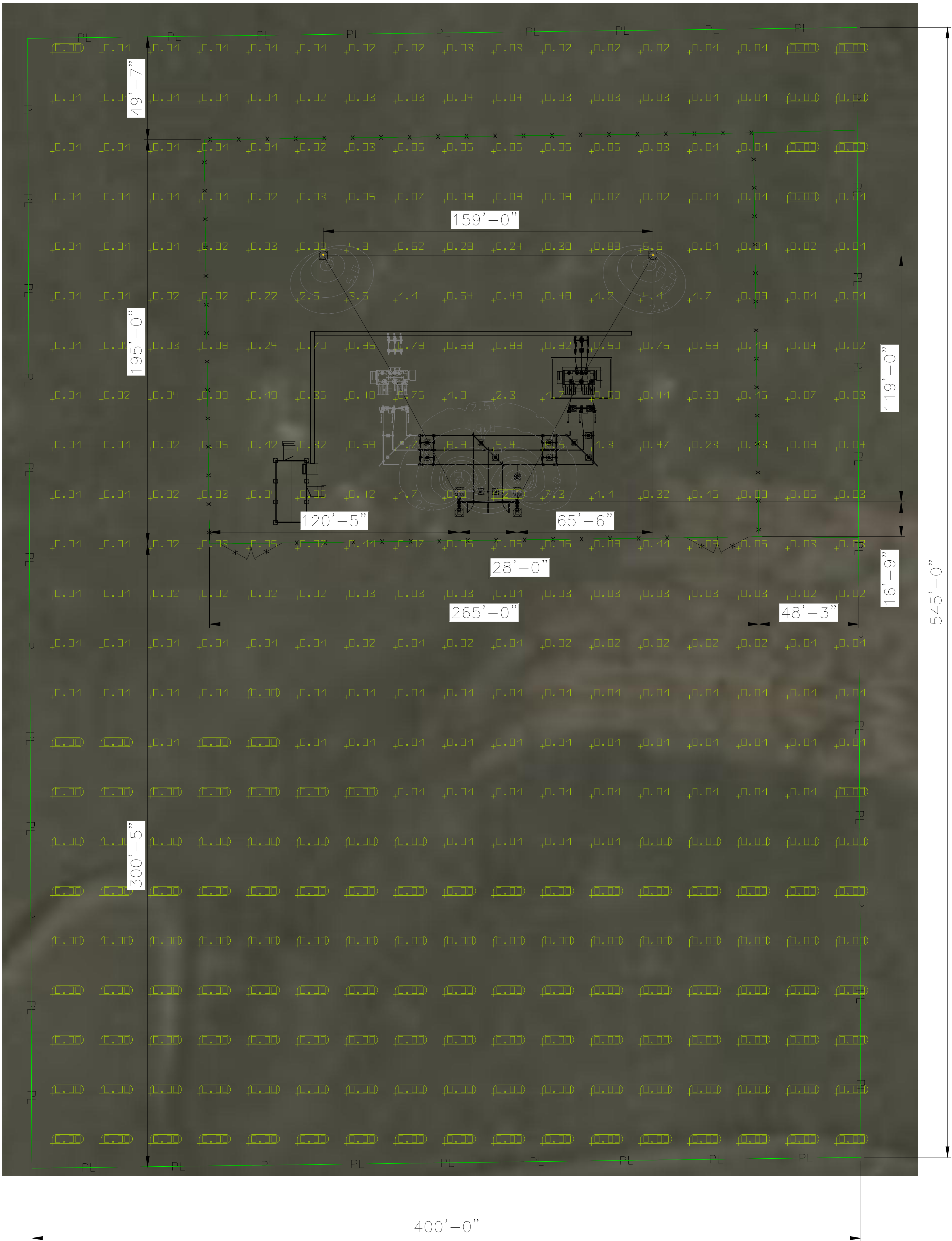
CASE ID #S
EA-17195
811
Know what's below
Call before you dig.

ENG: MB
DWN: MB
CHK: MB
DATE: 11/3/21

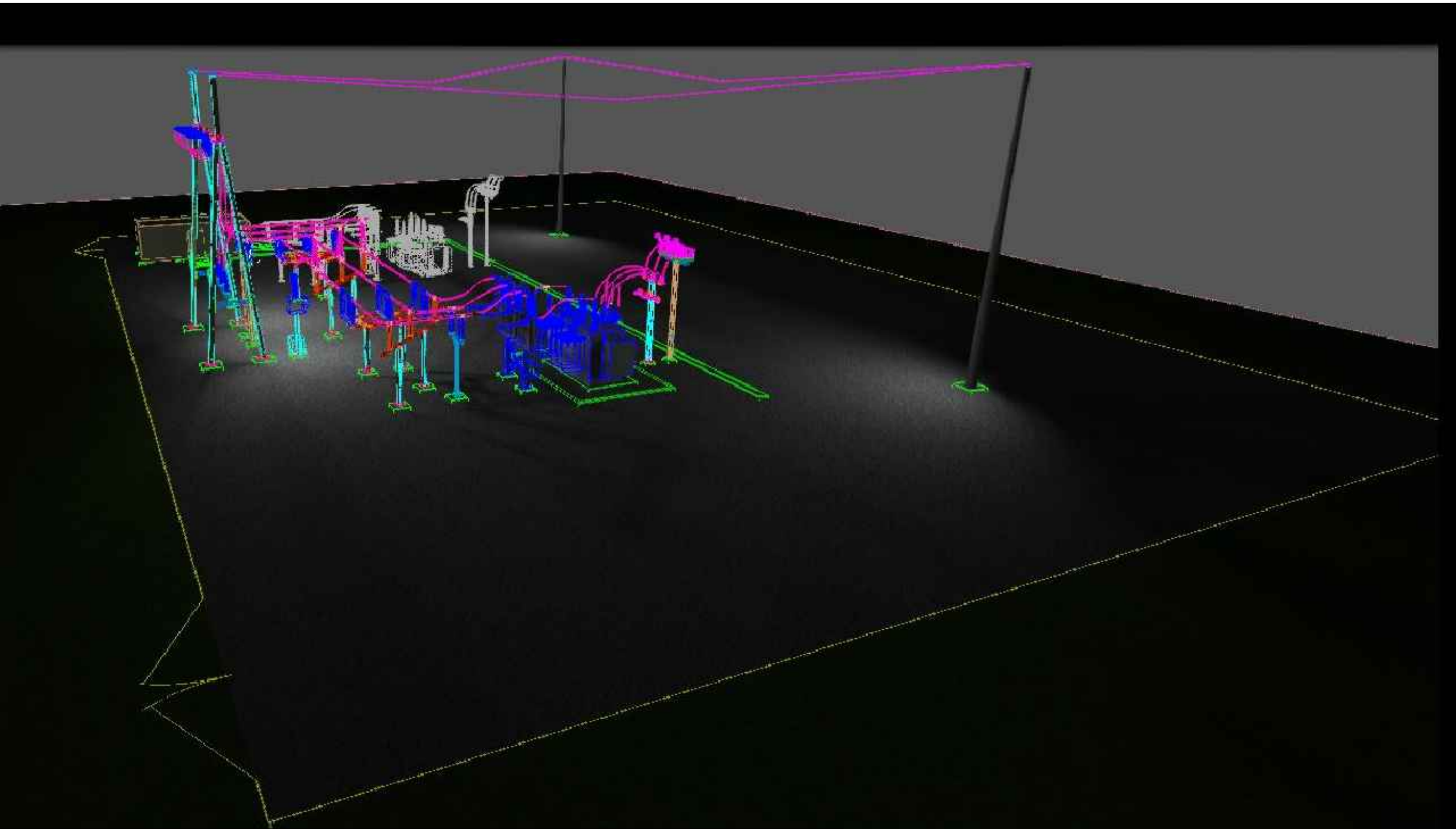
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VOLLMER SUBSTATION, 9167 MOHAWK RD, COLORADO SPRINGS, CO 80908
TITLE: **PERIMETER FENCE ELEVATIONS**
EL PASO COUNTY TAX SCHEDULE ID 5234002001
PAGE: **2 OF 2**

SHEET:
S-2
REVISION:





Luminaire list (Site 1)								
Index	Manufacturer	Article name	Item number	Fitting	Luminous flux	Light loss factor	Connected load	Quantity
1	APPLETON	IND. AREAMASTER LED 19500 LUMENS NEMA 7X 7 CLEAR GLASS	IAMLGL8C6	1x LED	19902 lm	0.80	156 W	6



IND. AREAMASTER LED 19500 LUMENS NEMA 7X...

Enclosed & Gasketed LED Flood Lighting

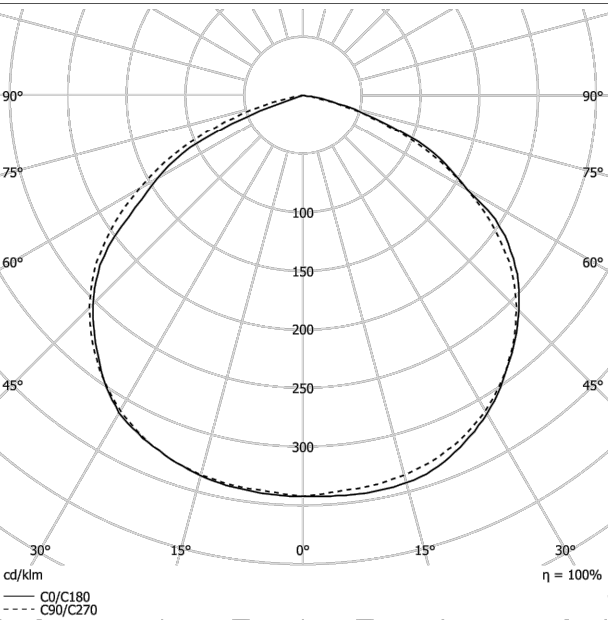
Lens



Areamaster LED Gen2 Flood Light Series
Pole Mount
19500 LUMENS, 5000 K CCT, NEMA 7X7
Yoke Mount
BU-120-277 Vac, 50/60Hz, BH-347-450 Vac, 50/60Hz
3/4" NPT Hub
No OPTICS
CLEAR GLASS

Class I, Division 2, Groups A, B, C, D
Class I, Zone 2 GROUP IIC
TYPE 3R, 4, 4X
IP69/67
Suitable for Use in Wet Locations
Marine Outside (Salt Water)

Refer to catalog for additional options



IP 67

Equipment

1x IND. AREAMASTER LED 19500 LUMENS NEMA 7X 7 CLEAR GLASS
156 W
19902.0754187573 lm
5181 K

Appleton Group, Emerson
Global & U.S. Headquarters:
9377 West Higgins Road
Rosemont, IL 60018
USA

Phone: +1-847-268-6000
http://www.appletonelec.com

Technical and design specifications
subject to change without notice.
Created by
DIALux Plugin Version 02 / 2018
08/11/2021

NOTES

1. THE TILT ANGLE OF THE LIGHTS SHALL AT AN ANGLE AT 30-DEGREES BELOW HORIZONTAL PLANE ANGLED TOWARDS THE GROUND SURFACE.
2. LIGHT SHALL BE MOUNTED 15- FEET ABOVE GRADE.
3. CALCULATIONS SHOWN ARE MAINTAINED HORIZONTAL FOOTCANDLES TAKEN AS SHOWN IN CALCULATIONS SUMMARY.
4. FIXTURE ORIENTATION IS SUCH THAT 0 IS TO THE RIGHT OF THE DRAWING, AND 90 IS TO THE TOP OF THE DRAWING.
5. LUMINAIRE LUMENS EQUAL LUMENS LEAVING LUMINARIE WITH EFFICIENCY CONSIDERED.

VOLLMER SUBSTATION

115kV/12.47kV

LIGHTING PLAN

TRI-STATE GENERATION & TRANSMISSION ASSOCIATION, INCORPORATED

UPDATED BY: SCOMER

1/6/2022 2:19 PM

Contact:

TRI-STATE
Generation and Transmission
Association, Inc.

1100 W. 116th Ave.
P.O. Box 33695
Denver, Colorado 80233

303-432-6111



Dwn:

SJM

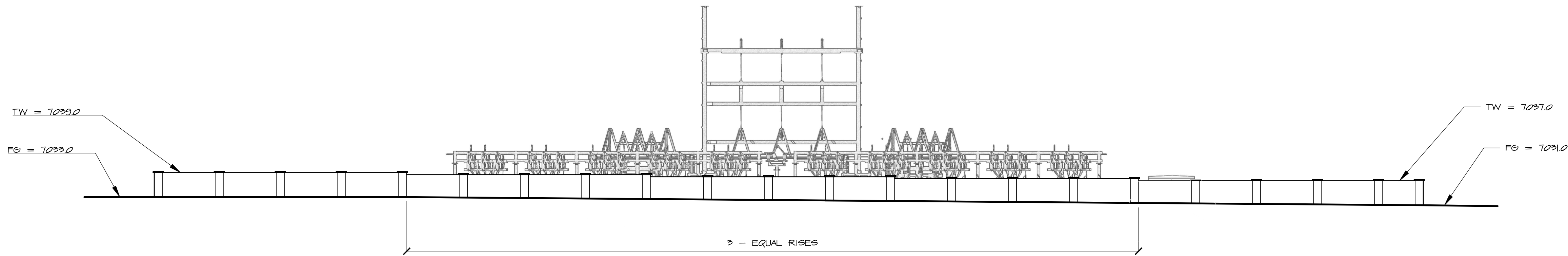
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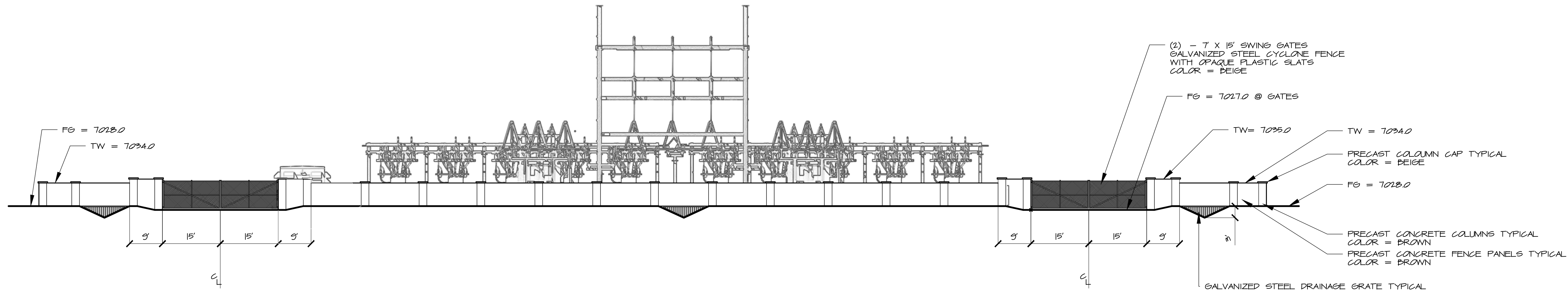
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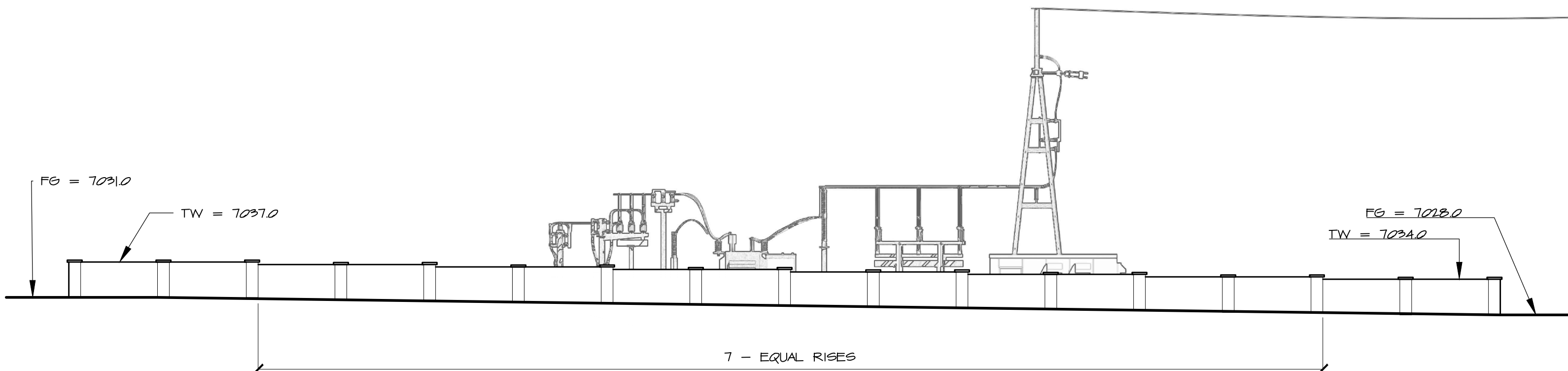
LIGHT PLAN



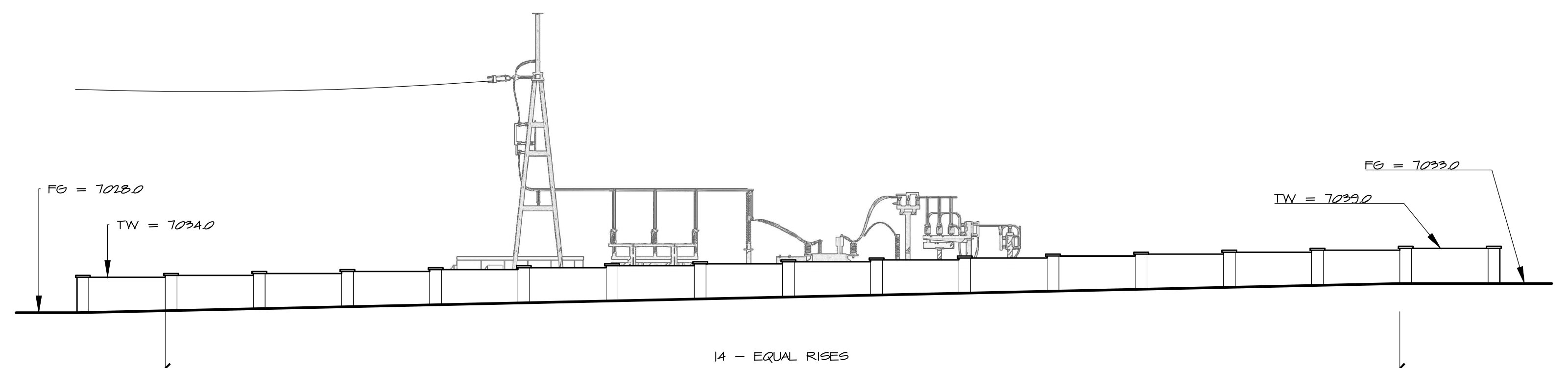
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1" = 16' - 0"

Visual Environments
Landscape Architecture/ Planning/GIS
(303) 646-2985
P.O. 1263, Elizabeth, CO 80107

OWNER/DEVELOPER:

MOUNTAIN VIEW ELECTRIC ASSOCIATION, INC.
Your Touchstone Energy® Cooperative

11140 E WOODMEN RD.
FALCON, CO 80831-8199
(719) 495 - 2283 VOICE
(719) 495 - 3814 FAX

REV	DESCRIPTION	DATE
1	POST EL PROJ. COUNTY 5/29/19 REVIEW	5/29/19
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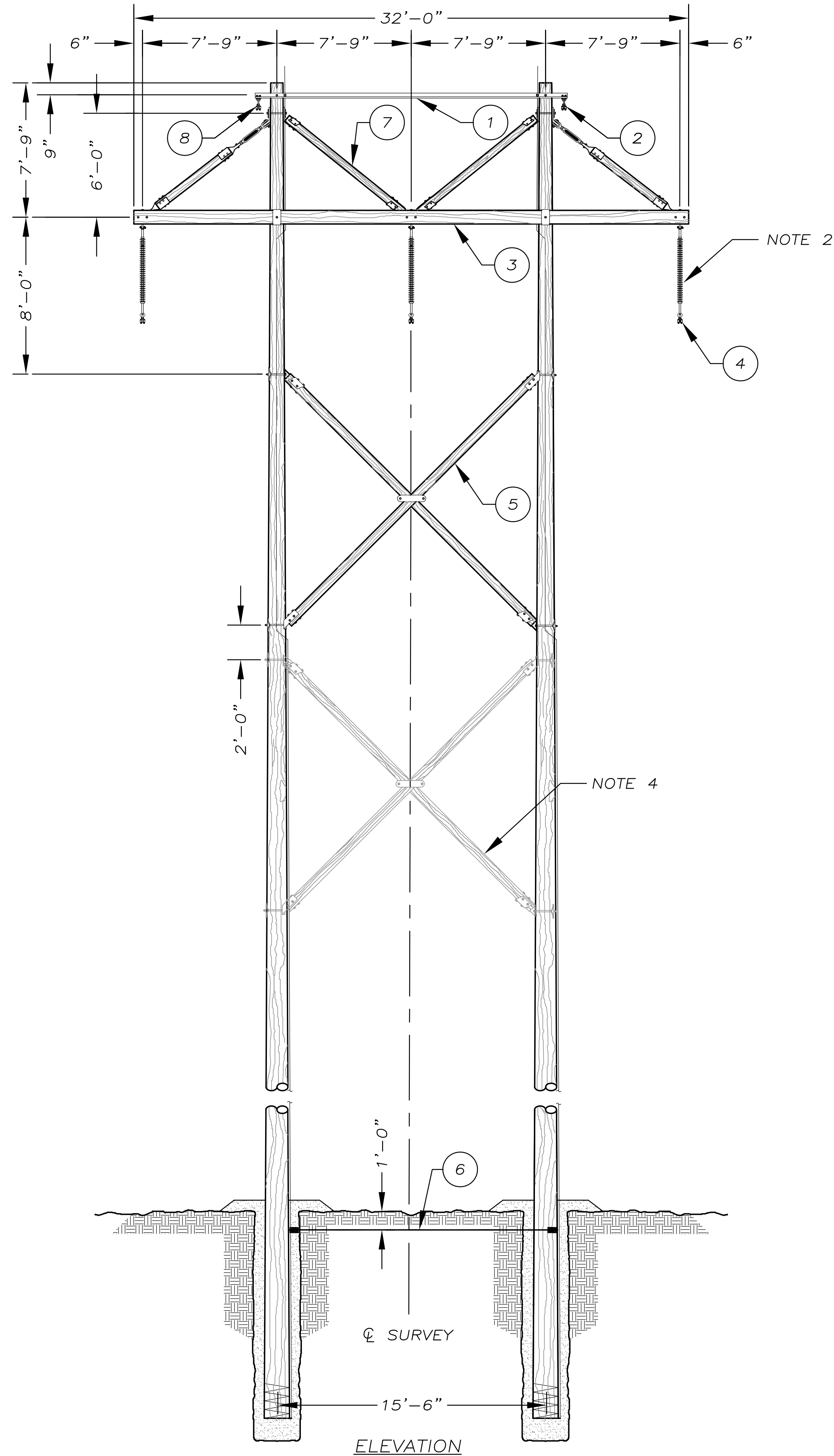
CASE ID #S
EA-17195



ENG: MB
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CHK: MB
DATE: 7/1/19

CLIENT/PROJECT: MOUNTAIN VIEW ELECTRIC ASSOCIATION
VOLLMER SUBSTATION
TITLE: PERIMETER FENCE ELEVATIONS
PAGE: 2 OF 2

SHEET: S-2
REVISION:

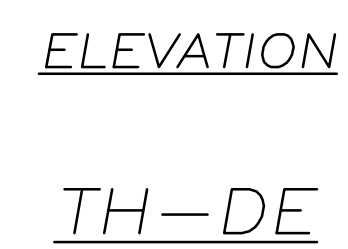


TANGENT H-FRAME TH-10V4X SERIES

TH-10X		TH-10XX		MATERIAL LIST	
REF.	REQ'D	REQ'D	DESCRIPTION	DETAIL	DRAWING
①	1	1	OHGW SUPPORT ASSEMBLY	TM-7C	G-20-2005
②	1	1	SUSPENSION CLAMP-OHGW	TM-4A	G-20-2105
③	1	1	DBL. XARM-TH-10 SERIES	TCD-32	G-20-2302
④	3	3	SUSPENSION CLAMP TYPE 1	TM-1	G-20-2511
⑤	1	2	X-BRACE, 15'-6" SPACING, 20K	TM-110B	G-20-2811
⑥	1	1	2 POLE GROUND WITH BUTT WRAP	TM-9G	G-20-2903
⑦	1	1	SPACER ASSEMBLY	-	G-20-3505
⑧	1	1	SUSPENSION CLAMP - OPGW	TM-4SPOT	G-20-4101

- NOTES:
- FIELD DRILLED HOLES SHALL BE THOROUGHLY TREATED.
 - ENGINEER TO SPECIFY SUSPENSION INSULATOR.
 - THE FOLLOWING MATERIALS ARE TO BE SPECIFIED ON THE STAKING SHEETS. POLES, POLE GROUNDING ASSEMBLIES, AND ANY ADDITIONAL GROUNDING OR POLE FOUNDATION UNITS.
 - ENGINEER TO SPECIFY, SEE STAKING SHEET.

VOLLMER - VOLLMER TAP		TANGENT H-FRAME TH-10V4X SERIES		TRI-STATE GENERATION & TRANSMISSION ASSOCIATION, INCORPORATED	
115KV		N.T.S.		Scale:	
Design:		Contract:		No.	
Dwn:		Date:		Date:	
Appd:		Date:		Date:	
T1147-G-20-415					

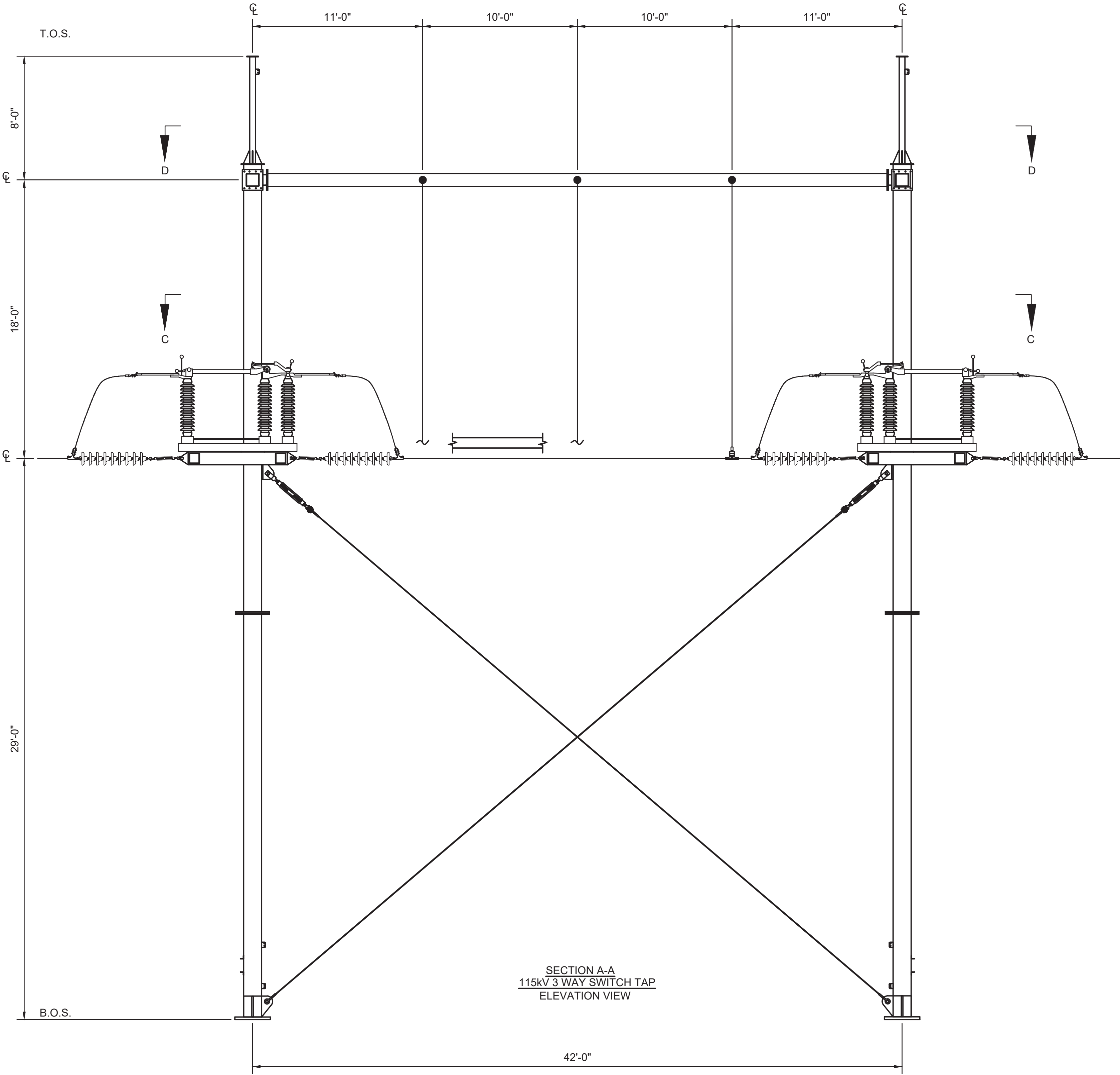



NOTES:

1. REFERENCE LOAD AND DESIGN G-13-001, 002, 003, & 004.

[illegible]

PRELIMINARY



Dwn: HDR Appd:		Date: 03-27-19 Date:		T1147-G13-002		TRI-STATE Generation and Transmission Association, Inc.  A Touchstone Energy Cooperative		VOLLMER — VOLLMER TAP 115kV 3 WAY SWITCH TAP ELEVATION VIEW TRI-STATE GENERATION & TRANSMISSION ASSOCIATION, INCORPORATED 1100 W. 116th Ave. P.O. Box 33695 Denver, Colorado 80233 303-452-6111										115kV		3/27/2019 10:31 AM		Contract: .		UPDATED BY: ZUJENSEN									
No.		Date		Dwn.		Appd.		TAG		PRELIMINARY DESIGN		0		3/27/19		ZMU		Dwn.		Appd.		Revision		M.F.		Dwg. No.		Mfr.		Drawing Title		Reference Drawings	
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