

AmeriTitle
MTC 1000514

2025-003084
Klamath County, Oregon
04/25/2025 02:48:01 PM
Fee: \$297.00



**Department of Energy
Bonneville Power Administration
3655 SW Highland Ave
Redmond, OR 97756**

**AFTER RECORDING, RETURN TO
Bonneville Power Administration
PO Box 3621 – TERR-3
Portland, OR 97208-3621**

October 15, 2024

In reply refer to: TERR

BPA Case No.: 20240327
Tract No(s): R-KF-88-A-268
Line Name(s): La-Pine-Chiloquin No 1 / Redmond-Klamath Falls
ADNO(s): 9333
Location: Str. No(s): 34/5-46/7

LAND USE AGREEMENT
Consent to Use of BPA's Easement Area

This Land Use Agreement ("Agreement") is entered into by and between the United States of America, Department of Energy, Bonneville Power Administration ("BPA") and Midstate Electric Cooperative ("Holder").

BPA holds easement rights ("BPA Easement") over the following described property ("BPA Easement Area"):

Use of Bonneville Power Administration easement area for the purpose of constructing, operating and maintaining a 115-kV electric power transmission line 3 feet inside said easement area on the eastside thereof and parallel with the Bonneville Power Administration's Redmond-Klamath Falls (operated at Lapine-Chiloquin) electric power transmission line between Structures No.'s 34/5 and 46/7 in Sections 5, 6, 7, 18, 19, 30 and 31 in Township 27 South and in Sections 6, 7, 18 and 19 in Township 28 South, all in Range 8 East, Willamette Meridian, and in sections 24, 25 and 36 in Township 28 South and in Section 1 in Township 29 South, all in Range 7 East, Willamette Meridian, Klamath County, Oregon.

AMERITITLE has recorded this instrument by request as an accommodation and has not examined it for regularity and sufficiency or as to its effect upon the title to any real property that may be described therein.

Holder has requested BPA's permission to use portions of the real property subject to the BPA Easement for a 115kV upgrade, 25kV underbuild, and fiber line parallel to BPA's LaPine-Chiloquin No 1 line, from structure 34/5 to 46/7 and the MEC crossing at the span between 34/4 and 34/5.

Subject to the terms and conditions set forth in this Agreement, BPA consents to Holder's use of the BPA Easement Area for the purpose proposed by Holder, and concurs that such use will not interfere with the current operation and maintenance of BPA's transmission facilities, if constructed in the manner and at the location shown on Exhibit A, attached hereto and made a part hereof. See also Exhibit C, attached hereto and made a part hereof.

In consideration of BPA's concurrence, Holder agrees to the following:

1. This Agreement does not grant any right, privilege, or interest in land, and does not modify, change, or otherwise alter the rights BPA acquired by deed. Loss of the privileges granted by this Agreement is not compensable to Holder.
2. Holder is responsible for obtaining from the underlying landowner ("Landowner"), by good and sufficient legal instrument, all rights, interests and privileges for land use necessary and incident to the ownership and maintenance of Holder's Facility.
3. There may be other uses of the property located within the same area as Holder's Facility. This Agreement is subject to such superior rights.
4. This Agreement is valid only if Holder's Facility is constructed, operated, and maintained in conformance with the terms of this Agreement and all attached Exhibits. Relocations, changes or upgrades require BPA's prior written approval. Failure to obtain the written approval of BPA prior to making alterations to Holder's Facility shall result in the termination of this Agreement.
5. Holder acknowledges and agrees that Holder's use of the property is subordinate to BPA's easement rights. BPA reserves the right to trim or remove trees, brush or shrubs or to remove any other encroachment within the BPA Easement Area which might interfere with the operation, maintenance, construction, removal or relocation of BPA's facilities. Holder agrees to alter, relocate or remove Holder's Facility, at no cost to BPA, to correct an interference with BPA's easement rights or to accommodate future modifications of BPA's facilities.
6. Holder agrees to abide by and comply with all applicable Federal, State and local laws and regulations, including, but not limited to building and safety codes, rules issued by utility commissions, the National Electric Safety Code, entities that regulate Holder, and all applicable environmental regulations.
7. Induced voltages and currents may occur on structures or other items constructed or placed under or near high voltage transmission lines. BPA has no duty to inspect Holder's Facility or to warn of hazards. Holder shall have the continuing responsibility for the protection of personnel and equipment in the design, construction, operation and maintenance of Holder's Facility.
8. Holder shall notify BPA at least ten (10) business days prior to commencing installation of Holder's Facility. Contact: Deanna Shoemaker, phone: 541 516-3258 or by email: dshoemaker@bpa.gov.

9. This Agreement is entered into with the express understanding that it is not assignable or transferable to other parties without the prior written consent of BPA.
10. BPA may terminate this Agreement upon 30 days written notice. Holder shall, within 30 days of receiving such notice of termination, and at Holder's sole expense, vacate and restore the BPA Easement Area to a condition satisfactory to BPA. Upon Holder's failure to vacate and restore the BPA Easement Area within the above stated time period, BPA may remove Holder's Facility and restore the BPA Easement Area at Holder's expense.
11. A copy of this Agreement shall be physically located at Holder's project site during construction activities. Holder's employees, contractors and representatives shall adhere to all conditions and requirements listed herein.
12. Additional terms and conditions specific to Holder's Facility may be included as part of this Agreement as Exhibit B, attached hereto and made a part hereof.
13. Holder agrees to assume risk of loss, damage, or injury which may result from Holder's use of the BPA Easement Area, except for such loss, damage, or injury for which BPA may be responsible under the provisions of the Federal Tort Claims Act, 62 Stat. 982, as amended.
14. Any damage to BPA's property caused by or resulting from Holder's use of the BPA Easement Area may be repaired by BPA, and the actual cost of such repair shall be charged against and be paid by Holder.

15. Holder's contact information:

NAME: Midstate Electric Cooperative
ADDRESS: PO Box 127
La Pine, OR 97739

PHONE: 541-536-1423
EMAIL: engineering@mse.coop

Holder agrees to notify BPA in writing of any changes to the above listed contact information.

(Signatures on next page)

This Agreement becomes effective upon the signature of all parties.

Midstate Electric Coop
Holder

2/12/25
Date

Tom Weller
Print Name
Engineering Manager
Title (if applicable)

THIS AGREEMENT IS HEREBY AUTHORIZED:

DEANNA
SHOEMAKER
Realty Specialist
Bonneville Power Administration

Digitally signed by DEANNA
SHOEMAKER
Date: 2025.02.13 06:48:25
-08'00'

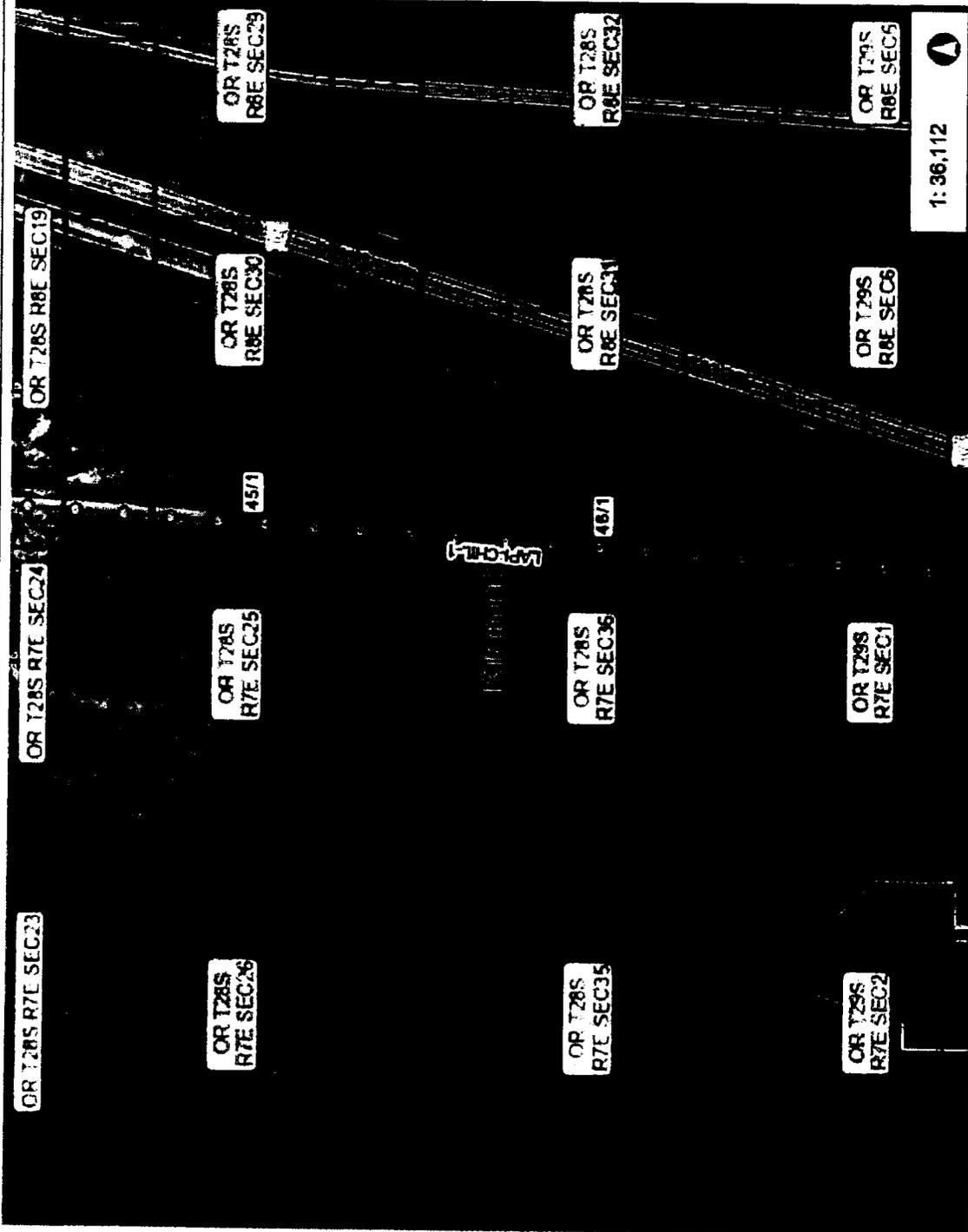
Date

NOTE: BPA seeks help maintaining the integrity of the electrical transmission system. Please report any vandalism or theft to the BPA Crime Witness program at 1-800-437-2744. Cash rewards of up to \$25,000 will be paid should information lead to the arrest and conviction of persons committing a crime.

If you have any questions or concerns, please notify a BPA Realty Office. You may contact Deanna Shoemaker ("BPA Representative") by telephone at 541-516-3258 or send written correspondence to the address listed at the top of this Agreement.



The map was created using egis.bpa.gov



Map scale varies across map. Scale bars on printed maps are approximate and are not intended to be used for precise measurement. It is recommended that you use the measurement tool in eGIS Live Map for more precise measurement. This map is generated from a static output from BPA's Enterprise GIS System, and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

1.1 0 0.57 1.1 Miles

WGS_1984_Web_Mercator_Auxiliary_Sphere
 #vemap.bud.bpa.gov



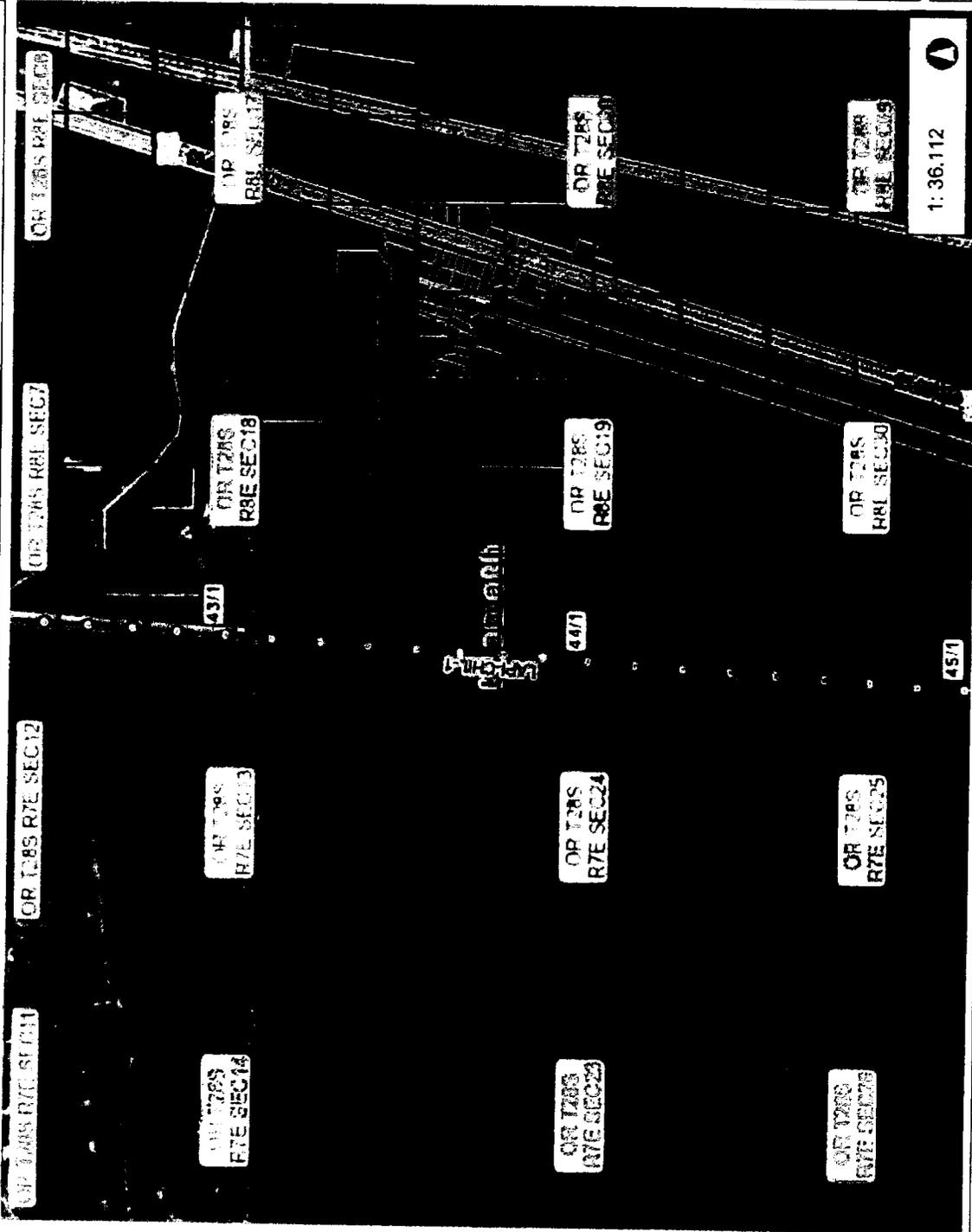
Legend

- BPA Substations
 - ▲ BPA Substation
 - BPA Maintenance HQ
- BPA Transmission Towers
 - Lattice Tower
 - Pole Structure
 - ⊕ Substation Dead End Bays
 - ⊙ Junction Box
 - Unknown Tower Type
- BPA Switches
- BPA Transmission Lines
- BPA Transmission Lines (Spar)
- PLSS (Township Range Section)
- PLSS Quarter Quarter Section
- Land Acquisition Status - BPA
 - ① Acquisition Not Complete
 - ② Fee
 - ③ Easement
 - ④ Permit
 - ⑤ Other, Lease, Neither
- Land Acquisition Status - BPA
 - ① Acquisition Not Complete
 - ② Fee
 - ③ Easement
 - ④ Permit
 - ⑤ Other, Lease, Neither
- PEP Parcels (PII-OUO)
 - 0 Not Sent Yet

EXHIBIT A
CASE NO. 20240327



The map was created using egis.bpa.gov



1.1 0 0.57 1.1 Miles

WGS_1984_Web_Mercator_Auxiliary_Sphere
livemap.bud.bpa.gov

Map scale varies across map. Scale bars on printed maps are approximate and are not intended to be used for precise measurement. It is recommended that you use the measurement tools in eGIS Live Map for more precise measurements. This map is a user generated static output from BPA's Enterprise GIS System and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

SATLIMeGIS

Legend

- BPA Substations
 - BPA Substation
 - BPA Maintenance HQ
- BPA Transmission Towers
 - Lattice Tower
 - Pole Structure
 - Substation Dead End Bays
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 - Unknown Tower Type
- BPA Switches
- BPA Transmission Lines
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- PLSS (Township Range Section)
- PLSS Quarter Quarter Section
- Land Acquisition Status - BPA
 - Acquisition Not Complete
 - Fee
 - Easement
 - Permit
 - Other, Lease, Neither
- Land Acquisition Status - BPA
 - Acquisition Not Complete
 - Fee
 - Easement
 - Permit
 - Other, Lease, Neither
- PEP Parcels (PII-OUO)
 - Not Sent Yet

EXHIBIT A (cont'd)
CASE NO. 20240327

EXHIBIT B
ADDITIONAL TERMS AND CONDITIONS

1. Inform BPA once the construction of Holder's Facility is complete.
2. Maintain a minimum distance of at least 50 feet between Holder's Facility and the transmission line conductors (overhead wires) at all times except for the following MEC structures built prior to 8/12/2024; 3/7, 4/4, 4/12, 4/14, 5/8, 5/10, 5/12, and 5/14, these structures may be permitted at its location proposed in the exhibit above. Do not measure this distance with a measuring tape, pole, or other physical means.
3. Construction equipment shall maintain a minimum distance of 15 feet between the equipment and transmission line conductors at all times. Do not measure this with measuring tape, pole or other physical means. If there is the possibility that any equipment can encroach on this distance, then a safety watcher will be required.
4. Maintain a minimum horizontal clearance of 50 feet to the point where steel lattice tower legs, steel poles, concrete poles and concrete foundations enter the earth. A horizontal clearance of 30 feet to the point where wood poles and guy anchors enter the earth shall also be maintained, except as approved by BPA and shown on Exhibit(s).
5. BPA has identified counterpoise (grounding wire) located in the vicinity identified for use by Holder. Holder must take care to ensure that counterpoise is not broken or damaged. Should counterpoise be dug up, exposed, or broken during Holder's construction activities, Holder must immediately contact the BPA Representative listed at the bottom of Page 3 of the Agreement, so that arrangements can be made to have it repaired.
6. Due to other potential uses in the area of Holder's Facility, BPA requires that the Holder have a utility locate done prior to commencing construction.
7. To ensure the safety of workers and the uninterrupted operation of transmission lines, Holder shall employ a BPA-approved safety watcher during construction activities occurring under the conductors (wires) or lifting equipment that may come in contact with the conductors (wires). Please contact the BPA Representative listed at the bottom of Page 3 of the Agreement for a current list of BPA approved Safety Watchers.
8. Equipment, machinery, and vehicles traveling on BPA's Property shall remain at least 25 feet away from any BPA structure or guy anchor ground attachment point.
9. Holder shall not store flammable materials or refuel vehicles or equipment on BPA's Property.
10. Consistent with Holder's application, and as approved by BPA, a zero grade change of overburden may remain on BPA's Property so long as this Agreement is in force.
11. Overburden grade changes to existing ground elevations while excavating on BPA's Property is prohibited. BPA prohibits stockpiling materials, including dirt, rock or other organic matter within the easement area at any time.
12. Any portion of Holder's Facility constructed on BPA's Property shall be designed and built to withstand HL-93 loading for BPA's heavy vehicles.

13. Bury and maintain the fiber to a depth of 24 inches or comply with applicable NESC, national, state, and/or local standards, whichever is greater.
14. Mark the location of the underground fiber with permanent signs and maintain such signs where they enter and leave BPA's Property, and at any angle points within BPA's Property.
15. Holder is prohibited from connecting utilities (whether temporary or permanent), to any permitted items (including structures), built on BPA's Property.
16. Holder shall not obstruct access to BPA's Property or transmission line system. BPA personnel and/or its contractors must have access all times.
17. Holder is prohibited from placing dead man anchors or cables on BPA's Property.
18. Mark the location of the underground fiber optic cable and PVC duct with OMNI BALLS as shown on attached drawing, and with permanent above ground signs where the fiber enters and leaves the right-of-way, and at any angle points within the right-of-way. BPA will not be responsible for damage to facilities not visibly marked.
19. MEC will ensure that its construction activities and proposed underground conduit route do not interfere with or impact BPA transmission structure footings.



A Touchstone Energy® Cooperative 
The power of human connections®

BPA ROW Encroachment Detail

This submittal contains redlines by Jeremy Nguyen
of BPA on 09-13-2024. See page 3.

EXHIBIT C
CASE NO. 20240327



16755 Finley Butte Rd. • P.O. Box 127 • La Pine, Oregon 97739 • 541-536-2126 800-722-7219 • www.midstateelectric.coop

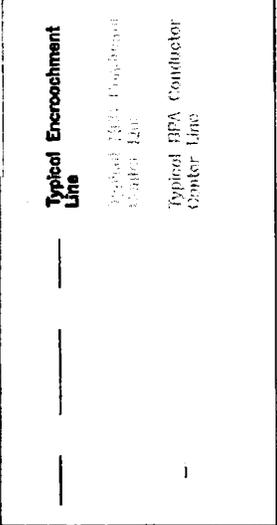
Summary

This portable document format provides detailed information on Midstate Electric's (MEC) encroachment onto Bonneville Power Administration (BPA) right of way (ROW). The encroachment begins at BPA structure number 46/7 and ends at BPA structure number 34/4.

The document details the typical encroachment made by MEC and the structures inside of the encroachment. There are plan and profile views of the encroachment onto BPA's 230 kV lines and a specific section of the crossing of Highway 97.

EXHIBIT C (cont'd)
CASE NO. 20240327

Legend



NOTES:
 1. MEC DIAMOND LAKE TO MOWICH 115-KV TRANSMISSION CENTERLINE ENCROACHMENT BEGINS AT APPROX. LA PINE TO CHILOQUIN NO. 1 230-KV STRUCTURE # 46/7 AND ENDS AT NEAR BPA STRUCTURE # 34/5.
 2. MEC TRANSMISSION LINE GENERALLY PARALLELS TO BPA LINE AND THE MEC CENTERLINE IS APPROX. 3 FEET INSIDE THE BPA ROW.

Typical BPA Structure

BPA La Pine to Chilouquin
 NO. 1 230-KV Centerline



MDN:
 This value should be 53'-7' to account for the length of line post insulator used by MEC.

59'-7"

56'-0"

Typical MEC Structure

MEC Diamond Lake to Mowich
 115-KV Centerline

Typical MEC Structure

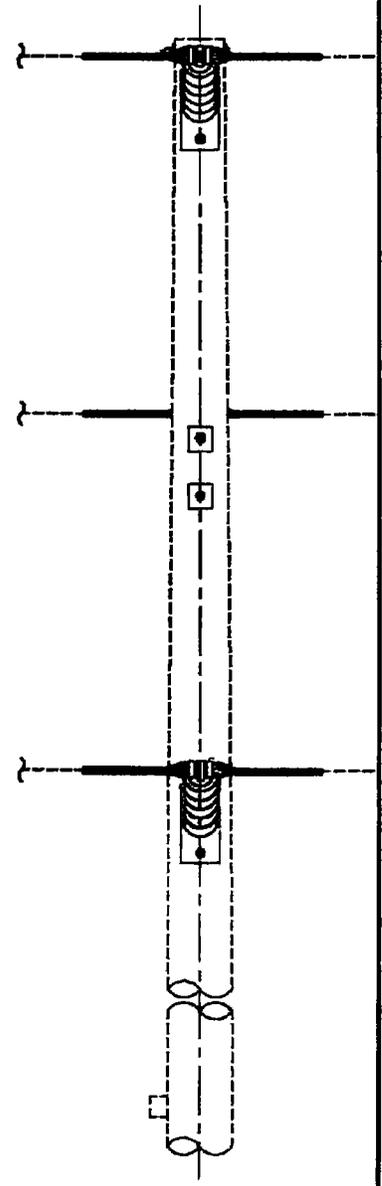
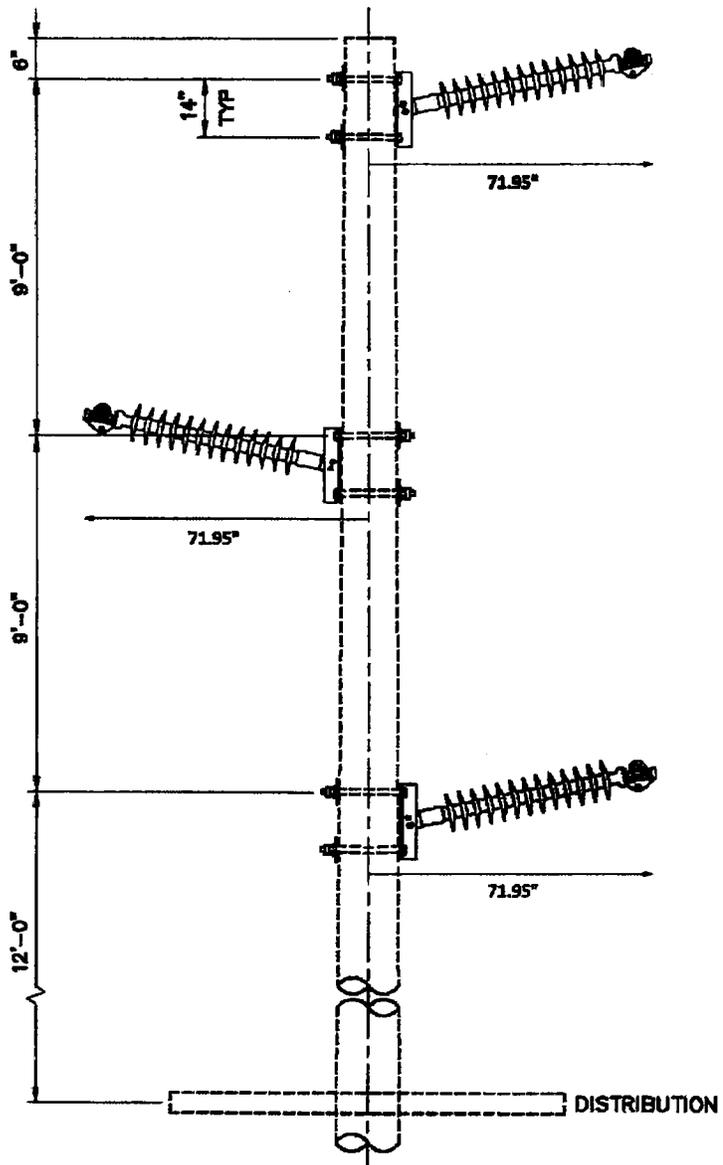
BPA ROW Encroachment Detail
 MEC and BPA Structures with Line



REV	DESCRIPTION	DATE
	Diamond Lake to Mowich 115-KV	8/27/2024

N/A
 8/27/2024

1-LINE
 MEC



- (1) CONDUCTOR 954 45/7 ACSR "RAIL", DIA. = 1.165"
- (2) ITEMS CALLED OUT SEPARATELY: POLES

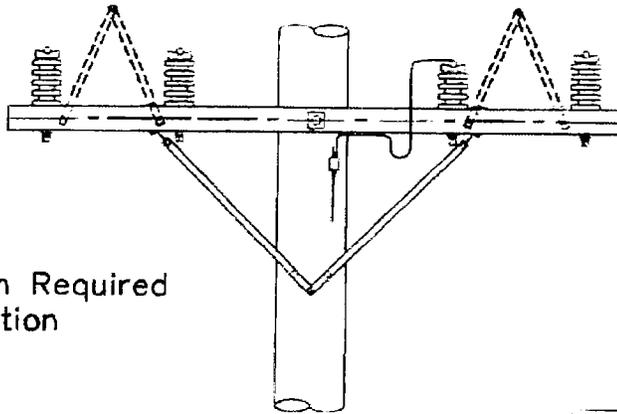
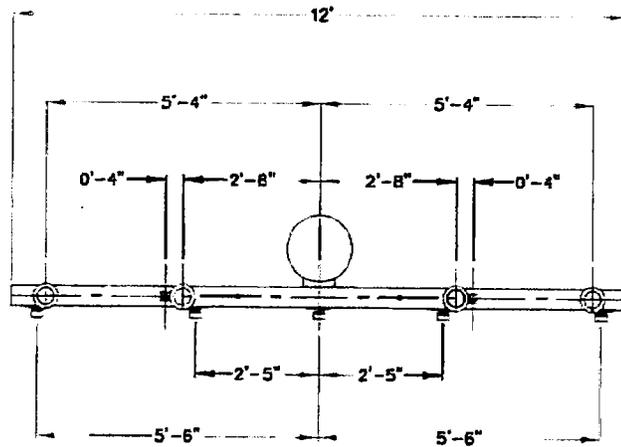
ITEM	DESCRIPTION	QTY
TM-115HP	115-KV HORIZONTAL LINE POST INSULATOR ASSEMBLY	3

EXHIBIT C (cont'd)
CASE NO. 20240327

115-KV HORIZONTAL POST
TANGENT 0° TO 3° LINE ANGLE



<table border="1"> <tr> <td>DISPOSITION</td> <td>DATE</td> </tr> <tr> <td>XXXXXXXX</td> <td>6/3/2022</td> </tr> </table>	DISPOSITION	DATE	XXXXXXXX	6/3/2022	X / X	TP-115	XX
DISPOSITION	DATE						
XXXXXXXX	6/3/2022						
XXXXXXXX	6/3/2022	TRANSMISSION					



Notes:

Raptor Protection Required
on Flat Construction

EXHIBIT C (cont'd)
CASE NO. 20240327

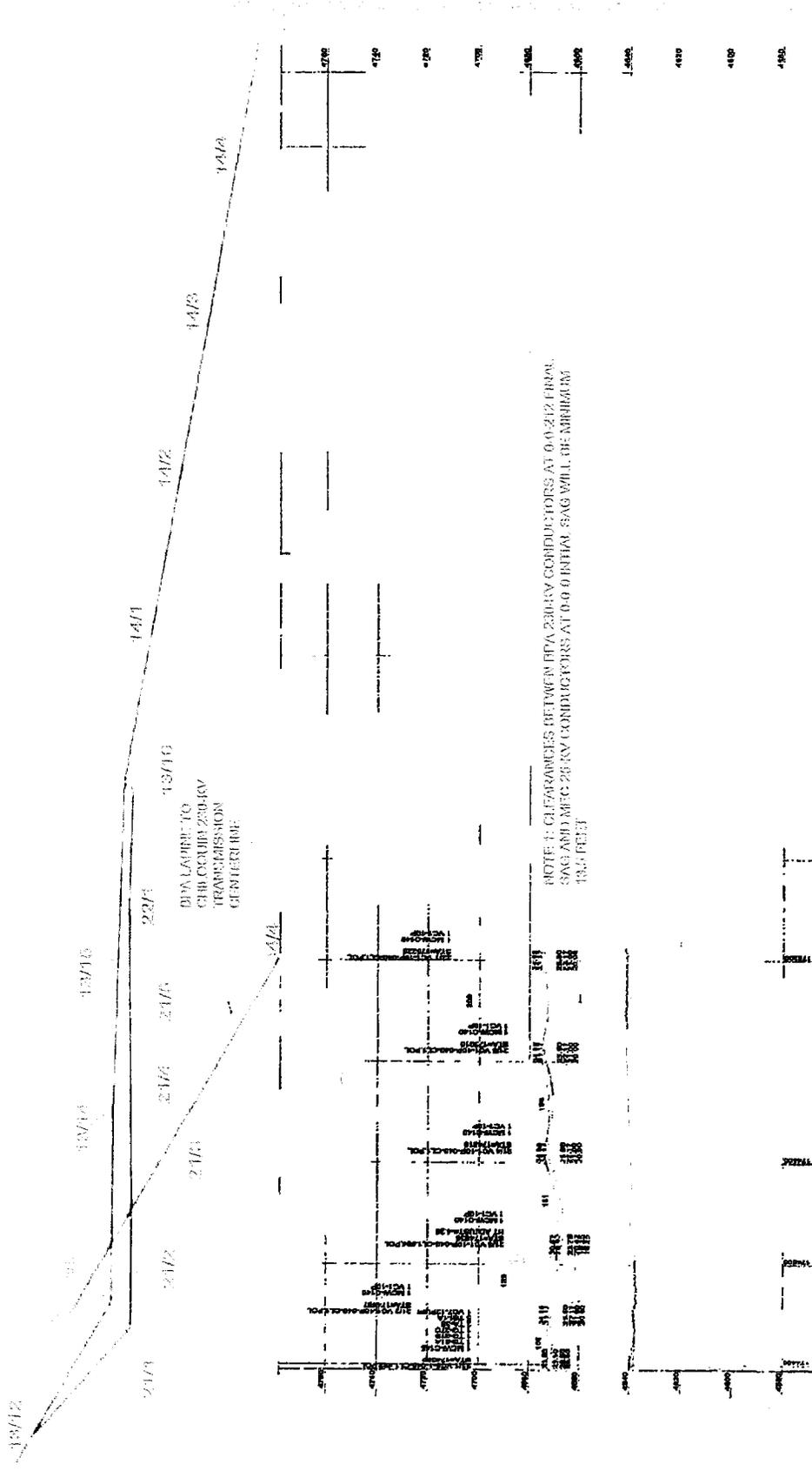
ASSEMBLY VC8-1-12P					ASSEMBLY VC9-1-12P				
ITEM	MATERIAL DESCRIPTION	QTY	ITEM #	UNIT	ITEM	MATERIAL DESCRIPTION	QTY	ITEM #	UNIT
	BOLT, MACHINE 3/4 X 16 IN	1	8380618	EACH		WASHER, SQUARE 1/2 IN	6	71020131	EACH
	WASHER, CURVED 3/4 IN	1	71013050	EACH		WASHER, CURVED 5/8 IN	1	71020440	EACH
	LOCKNUT, 3/4 IN	1	42803075	EACH		BOLT, MACHINE 5/8 X 12 IN	1	6380512	EACH
	WASHER, SPRING 3/4 IN	1	71069371	EACH		WASHER, SPRING 5/8 IN	1	71059941	EACH
	WASHER, SQUARE 3/4 IN	1	71013051	EACH		INSULATOR, 14.4 KV POST	3	34254710	EACH
	BOLT, MACHINE 1/2 X 6 IN	4	6380406	EACH		INSULATOR, 7.2 KV POST TYPE	1	34251710	EACH
	LOCKNUT, 1/2 IN	4	42803050	EACH		BRACE, CROSSARM 12 FT	2	7535135	EACH
	LOCKNUT, 5/8 IN	1	42803063	EACH		CROSSARM, 12 FT	1	18210611	EACH
	PIN, 14.4 & 7.2 POST INSULATOR	4	45414113	EACH		WASHER, SPRING 1/2 IN	4	71058331	EACH
	CONN, FARGO 5004	1	17810810	EACH		WIRE, COPPER #6 SOLID	6	72500601	FEET
	CONN, WEAVER SIZE AS REQ.	1		EACH		RAPTOR, PROTECTION RED	2		EACH

12ft Crossarm Construction, Single Line Arm
14.4/24.9 kV, 3-Phase



Scale N/A	2 MHRS
10/11/2011	Distribution
Approved	VC9-1-12P

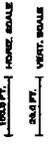
MEG DIAMOND LAKE
TO MOWICH 25 KV
CENTERLINE



DIAMOND LAKE TO
MOWICH 25-KV
TRANSMISSION
CENTERLINE

NOTE 1: CLEARANCES BETWEEN DPA 25-KV CONDUCTORS AT 0-0 SHALL BE MINIMUM
SAG AND MEG 25-KV CONDUCTORS AT 0-0 SHALL SAG WILL BE MINIMUM
13.5 FEET

CROSSING PROFILE BETWEEN DIAMOND LAKE TO MOWICH 25-KV
TRANSMISSION CENTERLINE TO MOWICH 25-KV
TRANSMISSION CENTERLINE



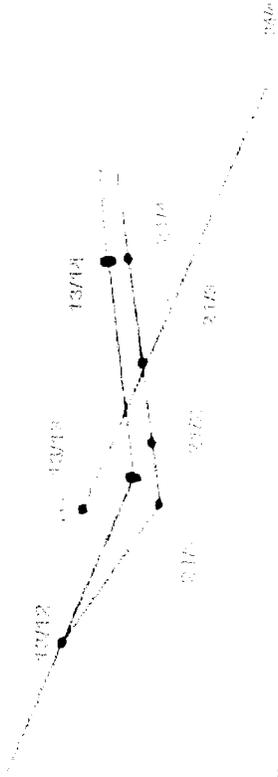
WIN Consulting
Transmission - Distribution
PLANNING DESIGN

ISSUED BY	DATE
DESIGNED BY	08/22/2024
CHECKED BY	2022-02PP
APPROVED BY	2022-02



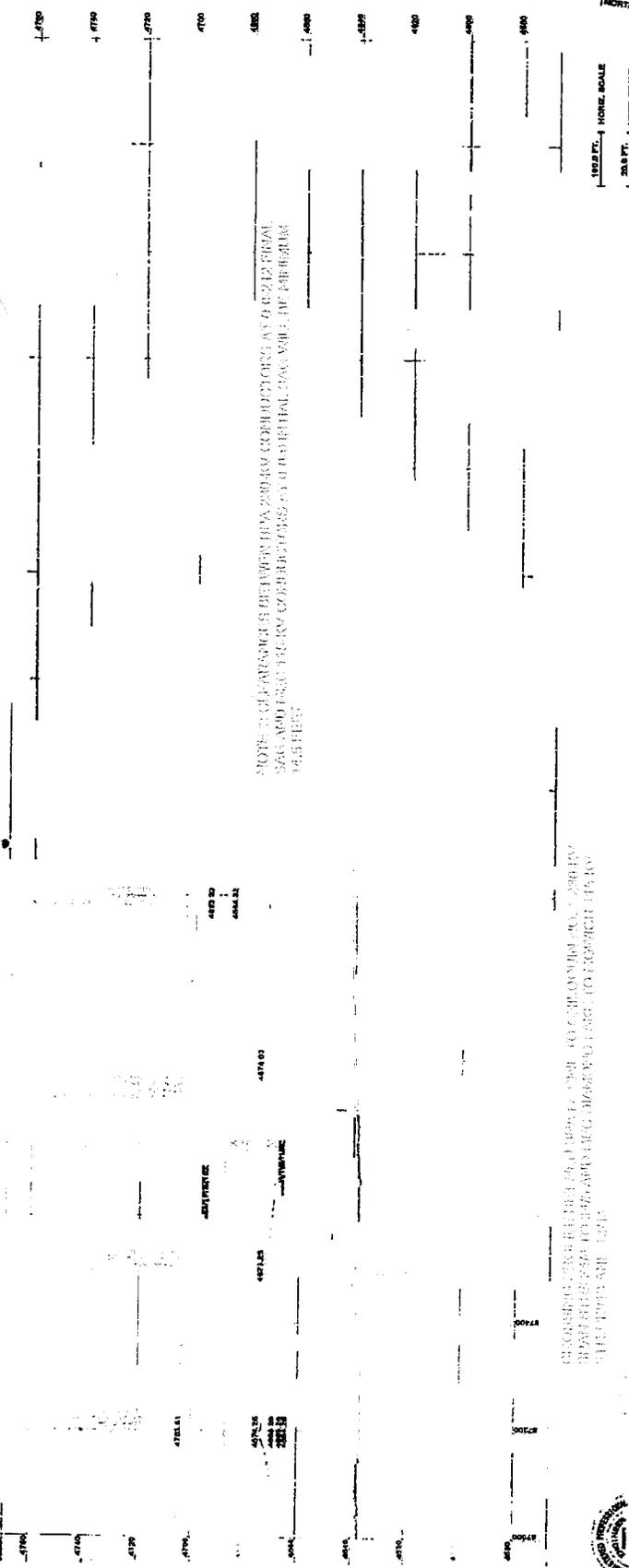
**DIAMOND LAKE TO MOWICH
118-KV TRANSMISSION LINE
STRUCTURES 21/1 TO 22/1**

SEE DIAMOND LANE
TO MOWCH-115KV
TRANSMISSION
STRUCTURES



SEE DIAMOND LANE TO
MOWCH-115KV
TRANSMISSION
STRUCTURES

NOTE: CLEARANCE BETWEEN 115KV AND 230KV CONDUCTIONS AT 0.0242 SPAN
SEE ADDITIONAL 115KV CONDUCTIONS AT 0.0181 SPAN AND 0.0181 SPAN



REVISIONS TO BE MADE TO THIS DRAWING TO REFLECT THE 115KV AND 230KV
CONDUCTIONS AT 0.0242 SPAN AND 0.0181 SPAN AND 0.0181 SPAN

WIN Consulting
Transmission - Distribution
P.E. - CADD DESIGN

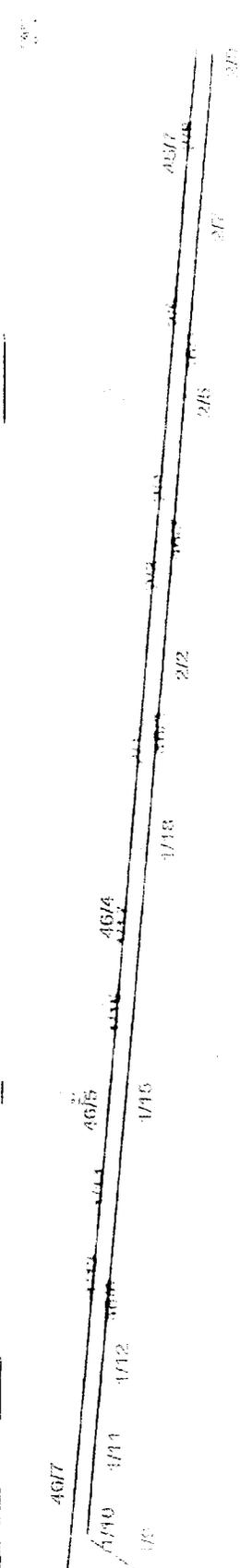
DATE: 08/22/2024
DRAWING NO: 2022-02PP
PROJECT: MOWCH-115KV
REVISION NO: 0

DESIGNED BY: AJP
CHECKED BY: AJP
APPROVED BY: AJP

NO. DATE
1. 08/22/2024
2. 08/22/2024



DIAMOND LAKE TO MOWCH
115KV TRANSMISSION LINE
STRUCTURES 13/12 TO 13/15



Station	Structure Type	Structure No.	Structure Name	Structure Description	Structure Dimensions	Structure Weight	Structure Material	Structure Status
4617	T	4617	Tower	40' x 40' x 100'	10000 lbs	Steel	As-Built	
4618	T	4618	Tower	40' x 40' x 100'	10000 lbs	Steel	As-Built	
4619	T	4619	Tower	40' x 40' x 100'	10000 lbs	Steel	As-Built	
1712	P	1712	Pole	4" x 4" x 12'	1000 lbs	Wood	As-Built	
4615	T	4615	Tower	40' x 40' x 100'	10000 lbs	Steel	As-Built	
1715	P	1715	Pole	4" x 4" x 12'	1000 lbs	Wood	As-Built	
4614	T	4614	Tower	40' x 40' x 100'	10000 lbs	Steel	As-Built	
212	T	212	Tower	40' x 40' x 100'	10000 lbs	Steel	As-Built	
215	T	215	Tower	40' x 40' x 100'	10000 lbs	Steel	As-Built	
218	T	218	Tower	40' x 40' x 100'	10000 lbs	Steel	As-Built	
219	T	219	Tower	40' x 40' x 100'	10000 lbs	Steel	As-Built	

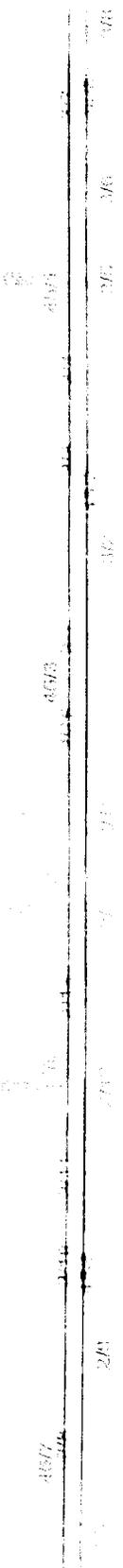
WIN Consulting
Transmission - Distribution
PLS-CAD DESIGN

DATE	09/22/2024	DESIGNED BY	
NO. ISSUES	2022-03/PP	CHECKED BY	AJP
NO. SHEETS	2022-02	APPROVED BY	
NO. SHEETS		APPROVED BY	
REVISION NO.	0		



DIAMOND LAKE TO MOWICH
115-KV TRANSMISSION LINE
STRUCTURES 1/10 TO 2/6

ENRIB
CABET



4507
314

241

27

117

4573

171

ITEM	QTY	UNIT	PRICE	TOTAL	DESCRIPTION
4500	1	EA	100.00	100.00	...
4501	1	EA	100.00	100.00	...
4502	1	EA	100.00	100.00	...
4503	1	EA	100.00	100.00	...
4504	1	EA	100.00	100.00	...
4505	1	EA	100.00	100.00	...
4506	1	EA	100.00	100.00	...
4507	1	EA	100.00	100.00	...
4508	1	EA	100.00	100.00	...
4509	1	EA	100.00	100.00	...
4510	1	EA	100.00	100.00	...
4511	1	EA	100.00	100.00	...
4512	1	EA	100.00	100.00	...
4513	1	EA	100.00	100.00	...
4514	1	EA	100.00	100.00	...
4515	1	EA	100.00	100.00	...
4516	1	EA	100.00	100.00	...
4517	1	EA	100.00	100.00	...
4518	1	EA	100.00	100.00	...
4519	1	EA	100.00	100.00	...
4520	1	EA	100.00	100.00	...
4521	1	EA	100.00	100.00	...
4522	1	EA	100.00	100.00	...
4523	1	EA	100.00	100.00	...
4524	1	EA	100.00	100.00	...
4525	1	EA	100.00	100.00	...
4526	1	EA	100.00	100.00	...
4527	1	EA	100.00	100.00	...
4528	1	EA	100.00	100.00	...
4529	1	EA	100.00	100.00	...
4530	1	EA	100.00	100.00	...
4531	1	EA	100.00	100.00	...
4532	1	EA	100.00	100.00	...
4533	1	EA	100.00	100.00	...
4534	1	EA	100.00	100.00	...
4535	1	EA	100.00	100.00	...
4536	1	EA	100.00	100.00	...
4537	1	EA	100.00	100.00	...
4538	1	EA	100.00	100.00	...
4539	1	EA	100.00	100.00	...
4540	1	EA	100.00	100.00	...
4541	1	EA	100.00	100.00	...
4542	1	EA	100.00	100.00	...
4543	1	EA	100.00	100.00	...
4544	1	EA	100.00	100.00	...
4545	1	EA	100.00	100.00	...
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4555	1	EA	100.00	100.00	...
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4557	1	EA	100.00	100.00	...
4558	1	EA	100.00	100.00	...
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4560	1	EA	100.00	100.00	...
4561	1	EA	100.00	100.00	...
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4565	1	EA	100.00	100.00	...
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W.N. Consulting
Transmission - Distribution
PLS-CAD DESIGN

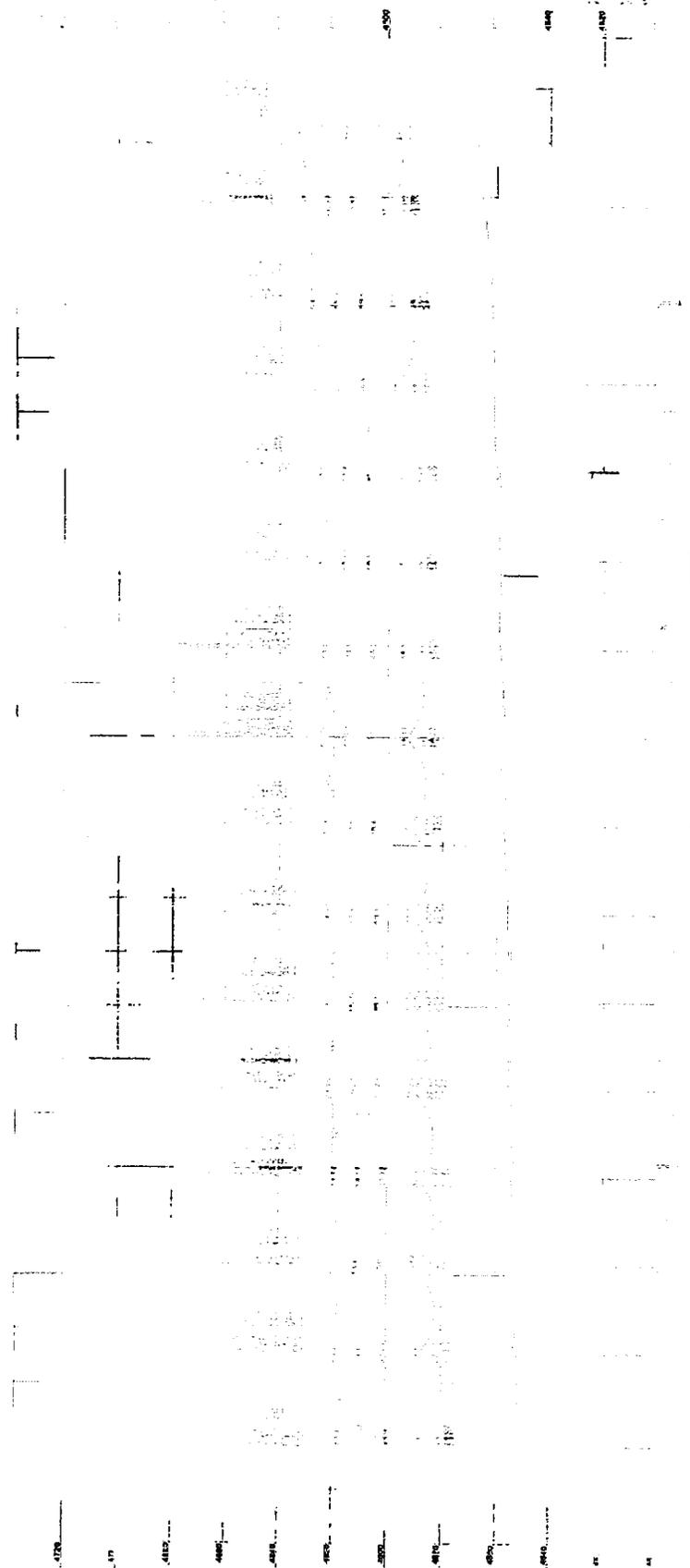
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DRAWN BY: AJP
CHECKED BY: AJP
PROJECT: 2022-02
JOB NO.: 0



DIAMOND LAKE TO HOWICH
115-KV TRANSMISSION LINE
STRUCTURES 27 TO 37

BRUSH
CASE 1A

22
12
16



PLOTTED ON 04/20/2014 10:00 AM
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 115KV TRANSMISSION LINE

200.0 FT. HORIZ. SCALE
 20.0 FT. VERT. SCALE

DIAMOND LAKE TO MOWICH
 115-KV TRANSMISSION LINE
 STRUCTURES 3/8 TO 4/8

BRUSH ENGINEERING
 A DIVISION OF BRUSH ENGINEERING

END
CASE

43/12

6/12

8/12

10/12

12/12

4/13

6/13

8/13

10/13

12/13

4/16

6/16

8/16

10/16

12/16

4/17

6/17

8/17

10/17

12/17

4/18

6/18

8/18

10/18

12/18

4/19

6/19

8/19

4176

4177

4178

4179

4180

4181

4182

30.0 FT

30.0 FT

DIAMOND LAKE TO HOWICH
110-KV TRANSMISSION LINE
STRUCTURES 4/6 TO 5/4



DATE: 08/27/2024
DRAWN BY: J.P.P.
CHECKED BY: J.P.P.
REVISION: 0

ISSUED BY: J.P.P.
DATE: 08/27/2024

PROJECT: 110-KV TRANSMISSION LINE
STRUCTURES 4/6 TO 5/4

SCALE: AS SHOWN



REVISIONS
NO. DATE DESCRIPTION
1 08/27/24

17500
17600
17700
17800
17900
18000

PORT
CASE NK

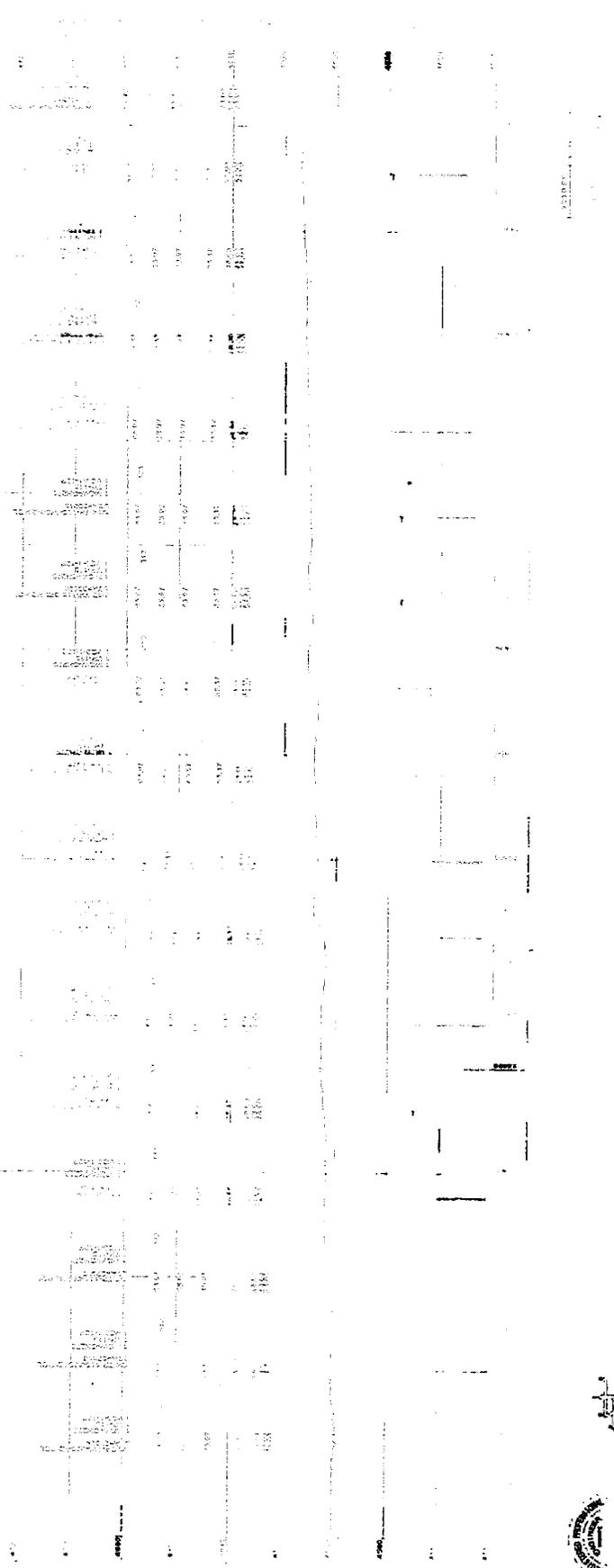
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HORIZ. SCALE
VERT. SCALE
NORTH

DIAMOND LAKE TO MOWICH
116-KV TRANSMISSION LINE
STRUCTURES 5/8 TO 6/3

4112 4114 4116 4118 4119 4120 4121 4122 4123 4124 4125 4126 4127 4128 4129 4130 4131 4132 4133 4134 4135 4136 4137 4138 4139 4140 4141 4142 4143 4144 4145 4146 4147 4148 4149 4150 4151 4152 4153 4154 4155 4156 4157 4158 4159 4160 4161 4162 4163 4164 4165 4166 4167 4168 4169 4170 4171 4172 4173 4174 4175 4176 4177 4178 4179 4180 4181 4182 4183 4184 4185 4186 4187 4188 4189 4190 4191 4192 4193 4194 4195 4196 4197 4198 4199 4200



DIAMOND LAKE TO HOWICH
116-KV TRANSMISSION LINE
STRUCTURES 6/3 TO 7/3



DATE: 09/22/2024
DRAWN BY: AJP
PROJECT: 2022-02PP
INCHES: 2022-02
REVISION NO.: 0

DESIGNED BY:
CHECKED BY:
APPROVED BY:

DATE: 09/22/2024
DRAWN BY: AJP
PROJECT: 2022-02PP
INCHES: 2022-02
REVISION NO.: 0

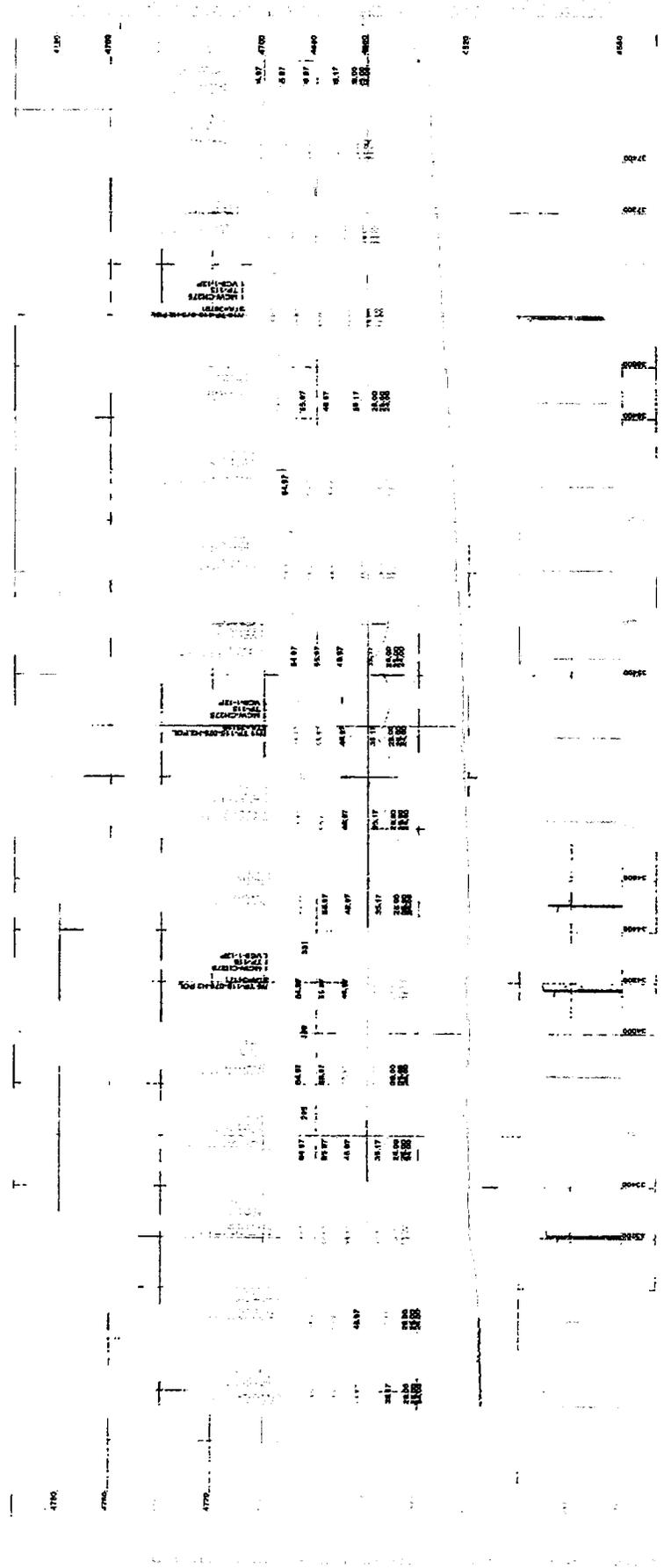
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DRAWN BY: AJP
PROJECT: 2022-02PP
INCHES: 2022-02
REVISION NO.: 0

DATE: 09/22/2024
DRAWN BY: AJP
PROJECT: 2022-02PP
INCHES: 2022-02
REVISION NO.: 0

DATE: 09/22/2024
DRAWN BY: AJP
PROJECT: 2022-02PP
INCHES: 2022-02
REVISION NO.: 0



41/2 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000



2024 FT. VERT. SCALE

DIAMOND LAKE TO HOWICH
118-KV TRANSMISSION LINE
STRUCTURES 7/2 TO 8/3



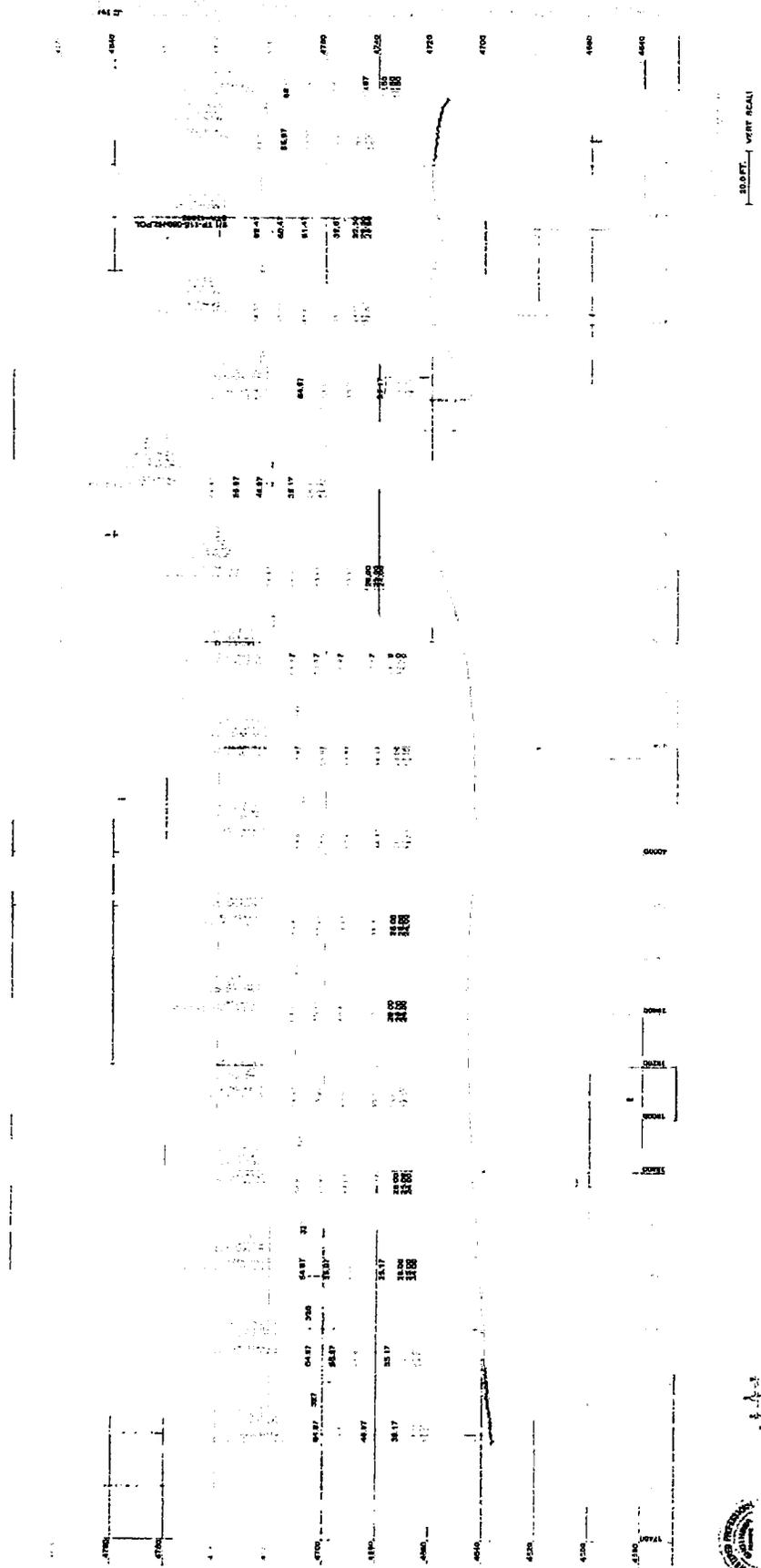
DATE: 08/22/2024
DRAWING: 2024-02-PP
PROJECT: 2023-02
REV: 0
REVISION SET: 0

DESIGNED BY: AJP
CHECKED BY: AJP
DATE: 08/22/2024

WIN Consulting
Transmission - Distribution
P.E. - C.O.D. DESIGN

WIN Consulting
Transmission - Distribution
P.E. - C.O.D. DESIGN

8/2 8/3 8/4 8/5 8/6 8/7 8/8 8/9 8/10 8/11 8/12 8/13 8/14 8/15 8/16 8/17 8/18 8/19 8/20 8/21 8/22 8/23



**DIAMOND LAKE TO MOWICH
118-KV TRANSMISSION LINE
STRUCTURES 8/2 TO 8/3**



DATE: 08/22/2024
DRAWN BY: AJP
CHECKED BY: AJP
PROJECT: 2022-02PP
SHEET: 2022-02
REVISION NO.: 0

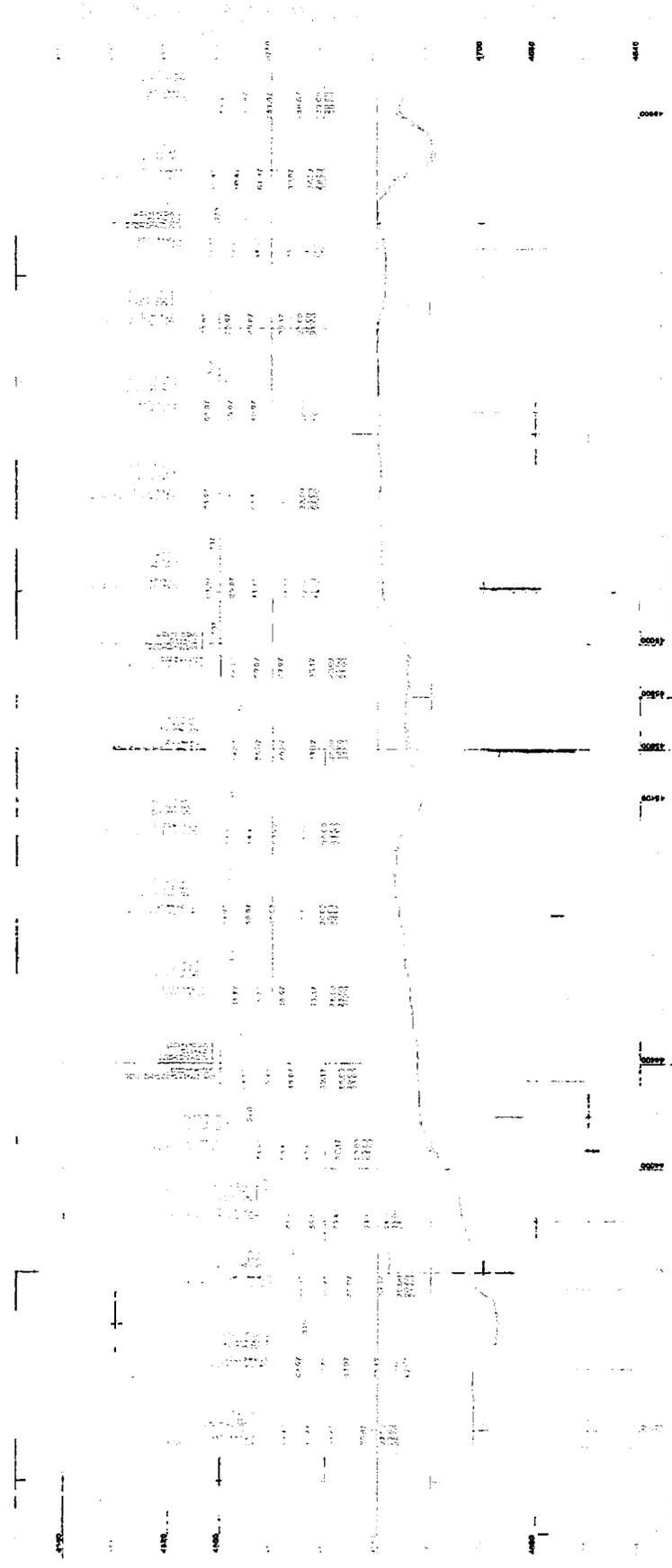
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DRAWN BY: AJP
CHECKED BY: AJP
APPROVED BY: [Signature]



WIN Consulting
Transmission - Distribution
PLS-CADD DESIGN

38/2

39/2 38/2 38/3 38/4 38/5 38/6 38/7 38/8 38/9 38/10 38/11 38/12 38/13 38/14 38/15 38/16 38/17 38/18 38/19 38/20 38/21 38/22 38/23 38/24 38/25 38/26 38/27 38/28 38/29 38/30 38/31 38/32



200 FT
50 FT
NORTH

DIAMOND LAKE TO MORICH
116-KV TRANSMISSION LINE
STRUCTURES 9/2 TO 10/2



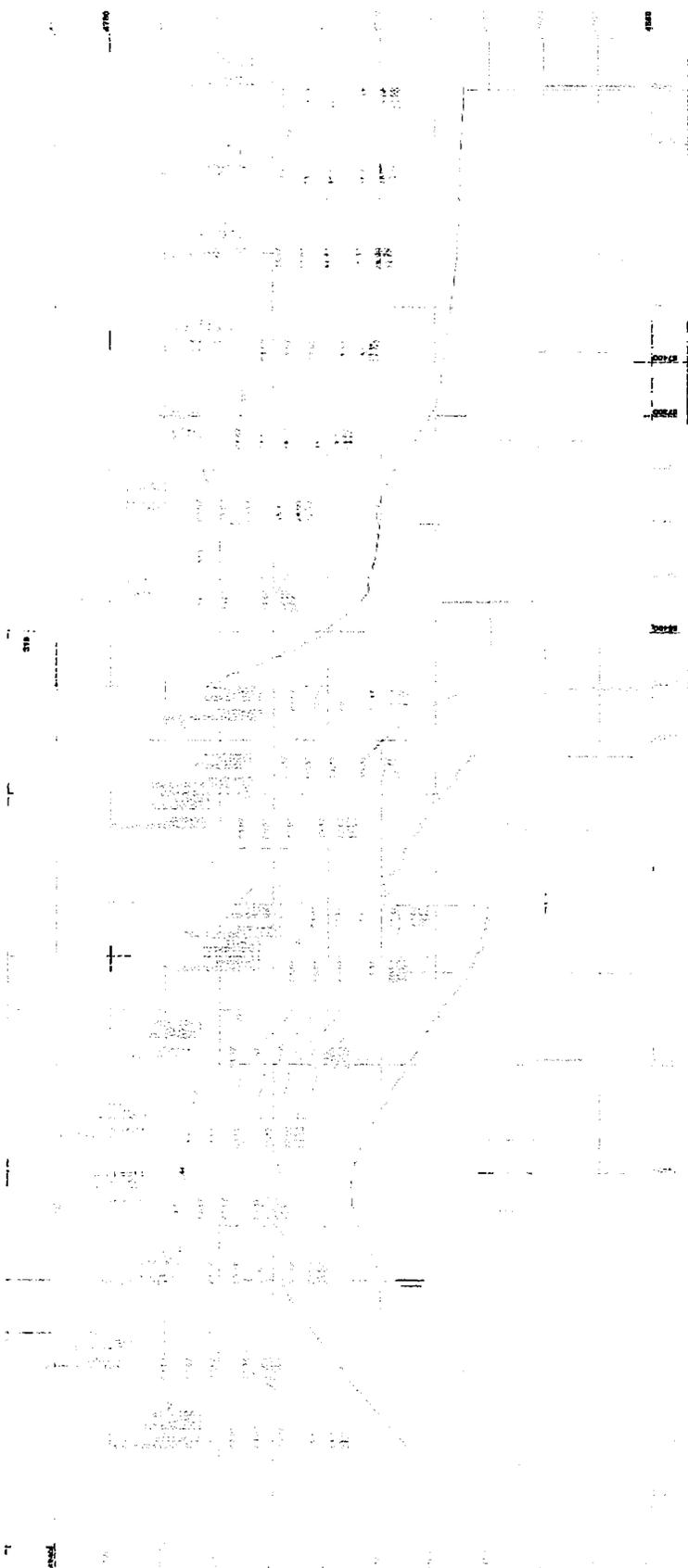
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 DRAWN BY: AJP
 CHECKED BY: AJP
 INCHES: 1/8" = 1'-0"

DESIGNED BY:
 DATED BY:
 CHECKED BY:
 INCHES: 1/8" = 1'-0"

DATE: 08/22/2024
 DRAWN BY: AJP
 CHECKED BY: AJP
 INCHES: 1/8" = 1'-0"



37/3 110 111 112 113 114 115 116 37/1 117 118 119 120 121 122 36/5 123 124 125 126 127 128 36/3 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000



DIAMOND LAKE TO HOWICH
110-KV TRANSMISSION LINE
8 STRUCTURES 1/1 TO 12/1



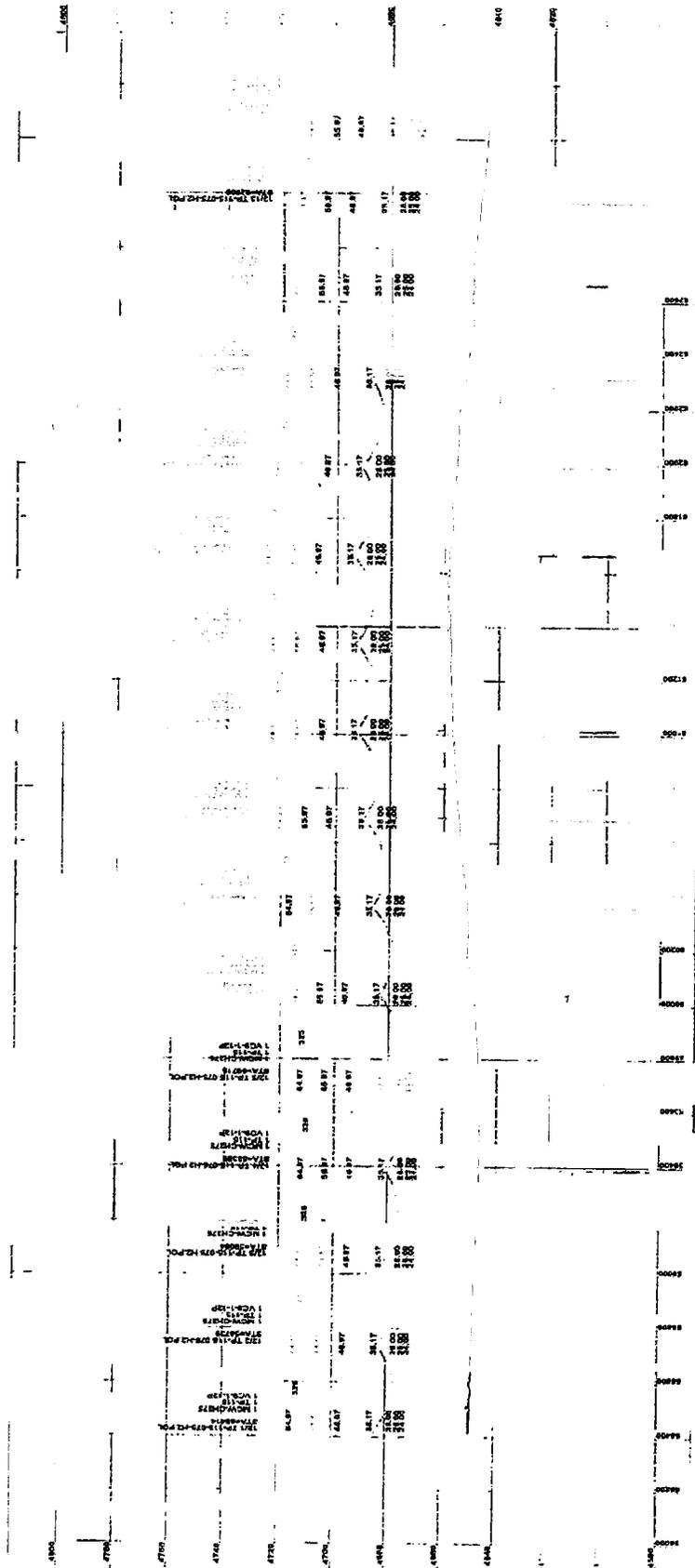
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DRAWING: 2022-02FP
PROJECT: 2022-02
JOB: 2022-02
REVISION: 0

DESIGNED BY: AJP
DRAWN BY: AJP
CHECKED BY: AJP
DATE: 08/22/04

APPROVED BY: [Signature]
DATE: 08/22/04

DOWN
CABET

30/3 35/4 36/1 35/6 35/7 35/8 35/9 35/10 35/11 35/12 35/13 35/14 35/15 35/16 35/17 35/18 35/19 35/20 35/21 35/22 35/23 35/24 35/25 35/26 35/27 35/28 35/29 35/30 35/31 35/32 35/33 35/34 35/35 35/36 35/37 35/38 35/39 35/40 35/41 35/42 35/43 35/44 35/45 35/46 35/47 35/48 35/49 35/50 35/51 35/52 35/53 35/54 35/55 35/56 35/57 35/58 35/59 35/60 35/61 35/62 35/63 35/64 35/65 35/66 35/67 35/68 35/69 35/70 35/71 35/72 35/73 35/74 35/75 35/76 35/77 35/78 35/79 35/80 35/81 35/82 35/83 35/84 35/85 35/86 35/87 35/88 35/89 35/90 35/91 35/92 35/93 35/94 35/95 35/96 35/97 35/98 35/99 35/100



200 FT. HORIZ. SCALE
20 FT. VERT. SCALE

DIAMOND LAKE TO HOWICH
116-KV TRANSMISSION LINE
STRUCTURES 11/16 TO 12/16



DATE: 01/22/2024
REVISED: 2022-03FP
PROJECT: 2022-03
DRAWING NO.: 0

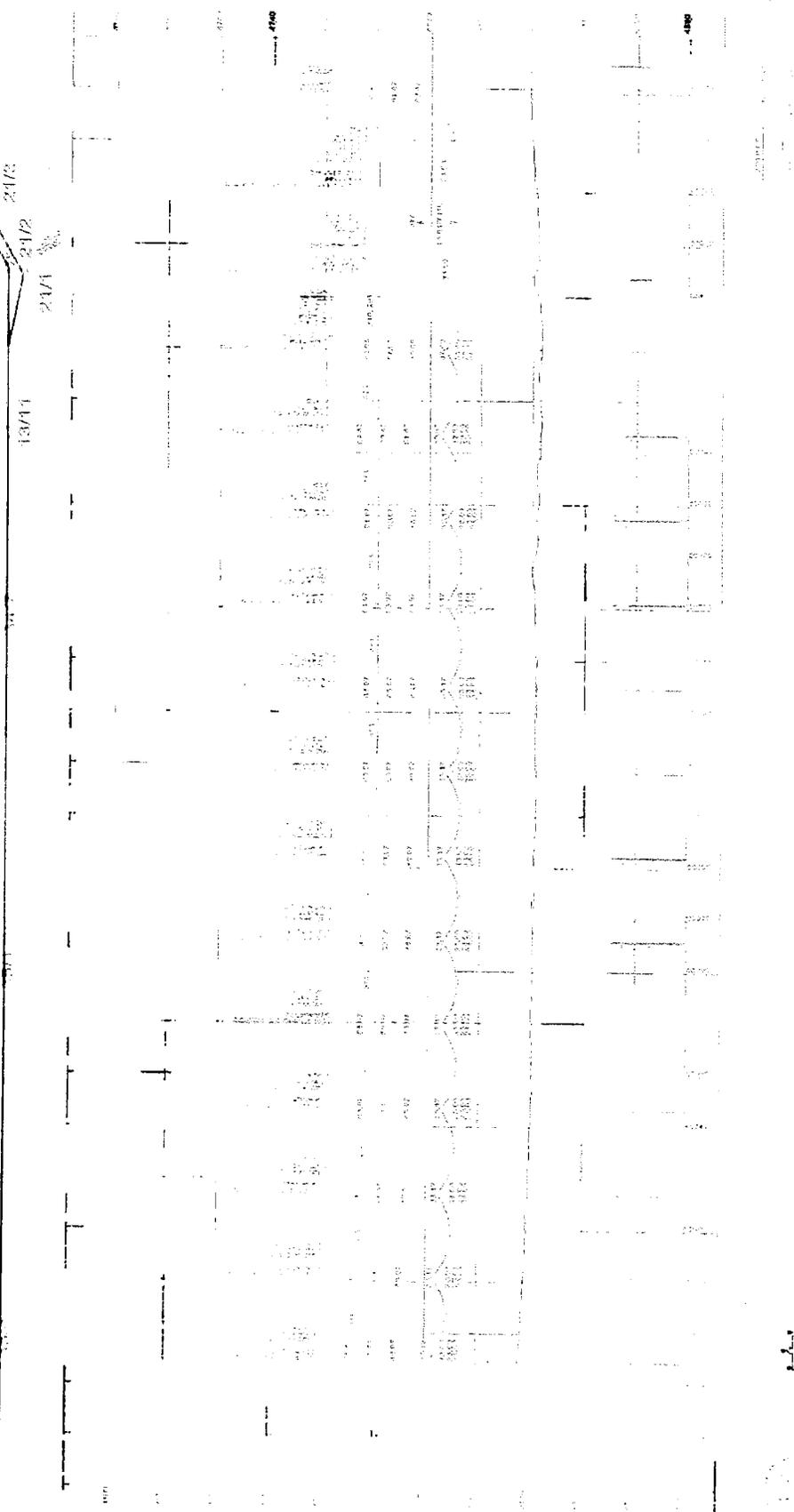
DESIGNED BY: AJP
CHECKED BY: AJP
APPROVED BY: [Signature]

PROJECT: DIAMOND LAKE TO HOWICH
NO. DATE



WYV Consulting
Transmission - Distribution
P.O. BOX 1000
MONTICELLO, TN 37135

BM
CASE



**DIAMOND LAKE TO MOWICH
116-KV TRANSMISSION LINE
STRUCTURES 12/15 TO 13/15**

DATE: 12/15/11
BY: [Signature]

PROJECT NO: 08222000
SHEET NO: 3022402

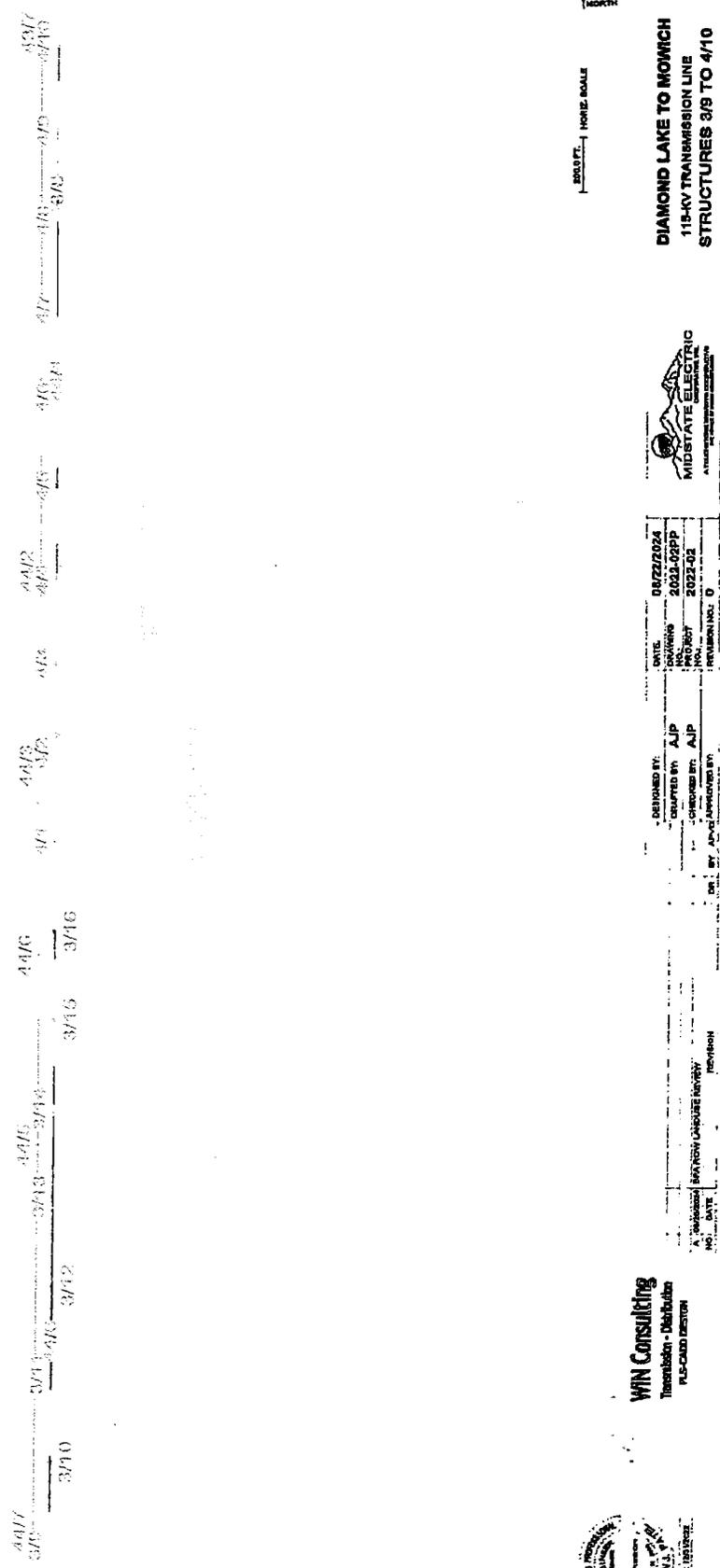
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DESIGNED BY: [Signature]

CHECKED BY: [Signature]

APPROVED BY: [Signature]

ENTER CASE#



3/10

3/11

3/12

3/13

3/14

3/15

3/16

3/17

3/18

3/19

3/20



WIN Consulting
 Transmission - Distribution
 PLS-CADD SECTION

DATE: 08/22/2024
 NO. 2024-0255
 NO. 2024-0255
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 NO. 2024-0255

DESIGNED BY: AJP
 CHECKED BY: AJP
 DATE: 08/22/2024
 NO. 2024-0255

NO. 2024-0255
 DATE: 08/22/2024
 NO. 2024-0255
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NO. 2024-0255
 DATE: 08/22/2024
 NO. 2024-0255
 NO. 2024-0255

NO. 2024-0255
 DATE: 08/22/2024
 NO. 2024-0255
 NO. 2024-0255

1" = 100 FT. HORIZ. SCALE
 1" = 10 FT. VERT. SCALE

DIAMOND LAKE TO MOWICH
 115-KV TRANSMISSION LINE
 STRUCTURES 3/9 TO 4/10



427/ 410/ 404/ 403/ 402/ 401/ 400/ 399/ 398/ 397/ 396/ 395/ 394/ 393/ 392/ 391/ 390/ 389/ 388/ 387/ 386/ 385/ 384/ 383/ 382/ 381/ 380/ 379/ 378/ 377/ 376/ 375/ 374/ 373/ 372/ 371/ 370/ 369/ 368/ 367/ 366/ 365/ 364/ 363/ 362/ 361/ 360/ 359/ 358/ 357/ 356/ 355/ 354/ 353/ 352/ 351/ 350/ 349/ 348/ 347/ 346/ 345/ 344/ 343/ 342/ 341/ 340/ 339/ 338/ 337/ 336/ 335/ 334/ 333/ 332/ 331/ 330/ 329/ 328/ 327/ 326/ 325/ 324/ 323/ 322/ 321/ 320/ 319/ 318/ 317/ 316/ 315/ 314/ 313/ 312/ 311/ 310/ 309/ 308/ 307/ 306/ 305/ 304/ 303/ 302/ 301/ 300/ 299/ 298/ 297/ 296/ 295/ 294/ 293/ 292/ 291/ 290/ 289/ 288/ 287/ 286/ 285/ 284/ 283/ 282/ 281/ 280/ 279/ 278/ 277/ 276/ 275/ 274/ 273/ 272/ 271/ 270/ 269/ 268/ 267/ 266/ 265/ 264/ 263/ 262/ 261/ 260/ 259/ 258/ 257/ 256/ 255/ 254/ 253/ 252/ 251/ 250/ 249/ 248/ 247/ 246/ 245/ 244/ 243/ 242/ 241/ 240/ 239/ 238/ 237/ 236/ 235/ 234/ 233/ 232/ 231/ 230/ 229/ 228/ 227/ 226/ 225/ 224/ 223/ 222/ 221/ 220/ 219/ 218/ 217/ 216/ 215/ 214/ 213/ 212/ 211/ 210/ 209/ 208/ 207/ 206/ 205/ 204/ 203/ 202/ 201/ 200/ 199/ 198/ 197/ 196/ 195/ 194/ 193/ 192/ 191/ 190/ 189/ 188/ 187/ 186/ 185/ 184/ 183/ 182/ 181/ 180/ 179/ 178/ 177/ 176/ 175/ 174/ 173/ 172/ 171/ 170/ 169/ 168/ 167/ 166/ 165/ 164/ 163/ 162/ 161/ 160/ 159/ 158/ 157/ 156/ 155/ 154/ 153/ 152/ 151/ 150/ 149/ 148/ 147/ 146/ 145/ 144/ 143/ 142/ 141/ 140/ 139/ 138/ 137/ 136/ 135/ 134/ 133/ 132/ 131/ 130/ 129/ 128/ 127/ 126/ 125/ 124/ 123/ 122/ 121/ 120/ 119/ 118/ 117/ 116/ 115/ 114/ 113/ 112/ 111/ 110/ 109/ 108/ 107/ 106/ 105/ 104/ 103/ 102/ 101/ 100/ 99/ 98/ 97/ 96/ 95/ 94/ 93/ 92/ 91/ 90/ 89/ 88/ 87/ 86/ 85/ 84/ 83/ 82/ 81/ 80/ 79/ 78/ 77/ 76/ 75/ 74/ 73/ 72/ 71/ 70/ 69/ 68/ 67/ 66/ 65/ 64/ 63/ 62/ 61/ 60/ 59/ 58/ 57/ 56/ 55/ 54/ 53/ 52/ 51/ 50/ 49/ 48/ 47/ 46/ 45/ 44/ 43/ 42/ 41/ 40/ 39/ 38/ 37/ 36/ 35/ 34/ 33/ 32/ 31/ 30/ 29/ 28/ 27/ 26/ 25/ 24/ 23/ 22/ 21/ 20/ 19/ 18/ 17/ 16/ 15/ 14/ 13/ 12/ 11/ 10/ 9/ 8/ 7/ 6/ 5/ 4/ 3/ 2/ 1/ 0

HORIZ. SCALE

DIAMOND LAKE TO HOWICH
 116-KV TRANSMISSION LINE
 STRUCTURES 4/10 TO 5/8



DATE: 05/22/2024
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 PROJECT NO.: 2022-02PP
 SHEET NO.: 2022-02

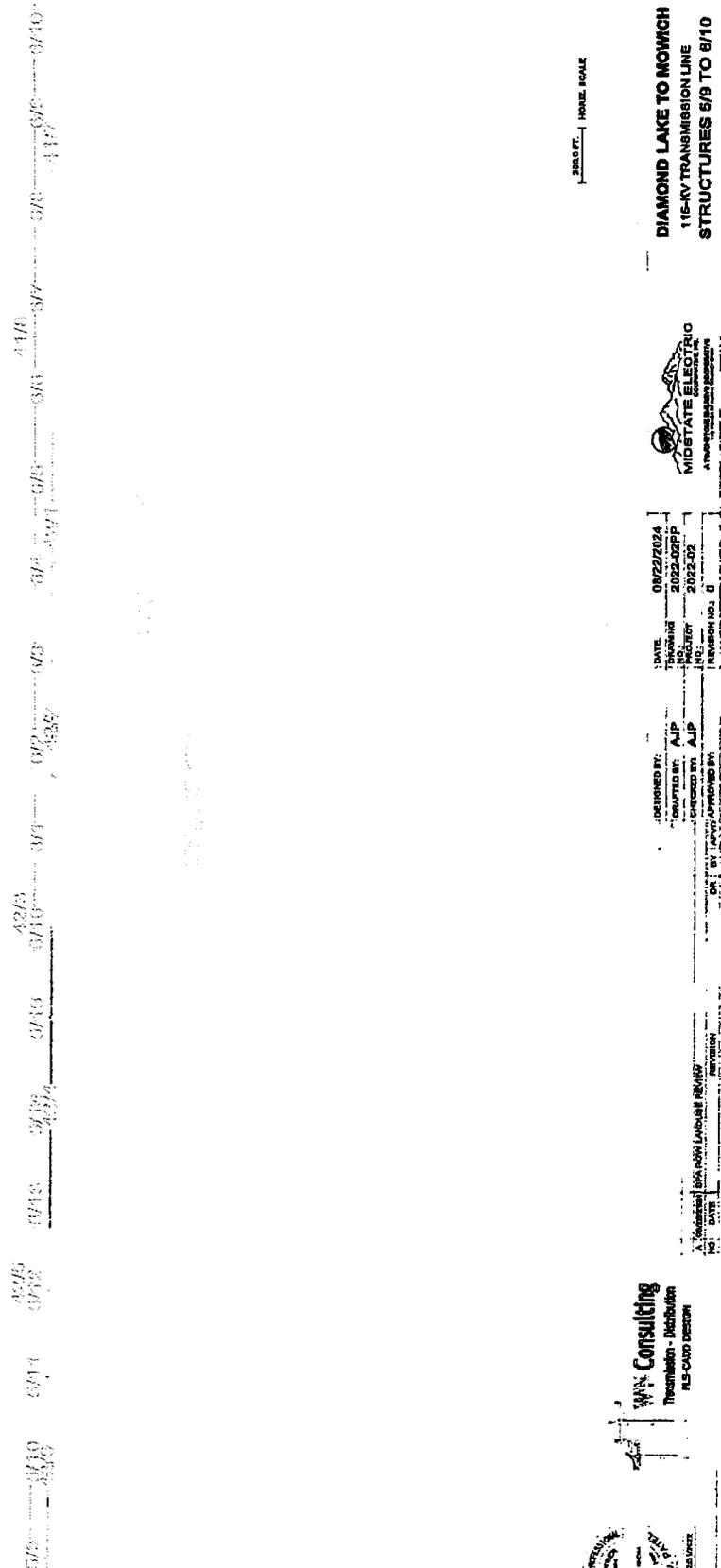
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 CHECKED BY: AJP
 APPROVED BY: AJP

WIN CONSULTING
 TRANSMISSION - DISTRIBUTION
 PLS-CADD DESIGN



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EXHIBIT
CABINET



200 FT. HORIZ. SCALE

**DIAMOND LAKE TO MOWICH
115-KV TRANSMISSION LINE
STRUCTURES 6/9 TO 6/10**



DATE	09/22/2024
DESIGNED BY	AJP
CHECKED BY	AJP
APPROVED BY	AJP
NO.	0
REVISION NO.	0

DATE	09/22/2024
DESIGNED BY	AJP
CHECKED BY	AJP
APPROVED BY	AJP
NO.	0
REVISION NO.	0

DATE	09/22/2024
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CHECKED BY	AJP
APPROVED BY	AJP
NO.	0
REVISION NO.	0

DATE	09/22/2024
DESIGNED BY	AJP
CHECKED BY	AJP
APPROVED BY	AJP
NO.	0
REVISION NO.	0

WV Consulting
Transmission - Distribution
PLS-CADD DESIGN



07/10 07/10 07/12 07/15 07/16 07/17 07/18 07/19 07/20 07/21 07/22 07/23 07/24 07/25 07/26 07/27 07/28 07/29 07/30 07/31 08/01 08/02 08/03 08/04 08/05 08/06 08/07 08/08 08/09 08/10 08/11 08/12 08/13 08/14 08/15 08/16 08/17 08/18 08/19 08/20 08/21 08/22 08/23 08/24 08/25 08/26 08/27 08/28 08/29 08/30 08/31 09/01 09/02 09/03 09/04 09/05 09/06 09/07 09/08 09/09 09/10 09/11 09/12 09/13 09/14 09/15 09/16 09/17 09/18 09/19 09/20 09/21 09/22 09/23 09/24 09/25 09/26 09/27 09/28 09/29 09/30 10/01 10/02 10/03 10/04 10/05 10/06 10/07 10/08 10/09 10/10 10/11 10/12 10/13 10/14 10/15 10/16 10/17 10/18 10/19 10/20 10/21 10/22 10/23 10/24 10/25 10/26 10/27 10/28 10/29 10/30 10/31 11/01 11/02 11/03 11/04 11/05 11/06 11/07 11/08 11/09 11/10 11/11 11/12 11/13 11/14 11/15 11/16 11/17 11/18 11/19 11/20 11/21 11/22 11/23 11/24 11/25 11/26 11/27 11/28 11/29 11/30 12/01 12/02 12/03 12/04 12/05 12/06 12/07 12/08 12/09 12/10 12/11 12/12 12/13 12/14 12/15 12/16 12/17 12/18 12/19 12/20 12/21 12/22 12/23 12/24 12/25 12/26 12/27 12/28 12/29 12/30 12/31

PLOTTED: 02/28/24 2:14 PM
 PROJECT: DIAMOND LAKE TO HOWICH 115KV TRANSMISSION LINE TO HOWICH STATION 2009 TO 2012



WIN Consulting
 Transmission • Distribution
 PLANNING • DESIGN

NO.	DATE	REVISION
1	08/22/2024	REVISED BY: AJP
2	2023-02FP	DRAWN BY: AJP
3	2023-02	CHECKED BY: AJP
4		APPROVED BY: AJP



MIDSTATE ELECTRIC
 A DIVISION OF THE HOWICH GROUP

DIAMOND LAKE TO HOWICH
 115-KV TRANSMISSION LINE
 STRUCTURES 6/10 TO 7/10

PROJECT: HOWICH BOULE

1

DATE: 08/22/2024
DRAWN BY: AJP
CHECKED BY: AJP
APPROVED BY: AJP
SCALE: 1"=100'

DATE: 08/22/2024
DRAWN BY: AJP
CHECKED BY: AJP
APPROVED BY: AJP
SCALE: 1"=100'

DATE: 08/22/2024
DRAWN BY: AJP
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SCALE: 1"=100'

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SCALE: 1"=100'

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SCALE: 1"=100'

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APPROVED BY: AJP
SCALE: 1"=100'

DATE: 08/22/2024
DRAWN BY: AJP
CHECKED BY: AJP
APPROVED BY: AJP
SCALE: 1"=100'



WPA Consulting
Transmission - Distribution
PLS-CAD DESIGN

DATE: 08/22/2024
DRAWN BY: AJP
CHECKED BY: AJP
APPROVED BY: AJP
SCALE: 1"=100'

DATE: 08/22/2024
DRAWN BY: AJP
CHECKED BY: AJP
APPROVED BY: AJP
SCALE: 1"=100'

DATE: 08/22/2024
DRAWN BY: AJP
CHECKED BY: AJP
APPROVED BY: AJP
SCALE: 1"=100'



MIDSTATE ELECTRIC
115KV TRANSMISSION LINE

115.0 FT. - HORIZ. SCALE

DIAMOND LAKE TO MOWICH
115-KV TRANSMISSION LINE
STRUCTURES 7/10 TO 8/11

DATE: 08/22/2024
DRAWN BY: AJP
CHECKED BY: AJP
APPROVED BY: AJP
SCALE: 1"=100'

DATE: 08/22/2024
DRAWN BY: AJP
CHECKED BY: AJP
APPROVED BY: AJP
SCALE: 1"=100'

DATE: 08/22/2024
DRAWN BY: AJP
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APPROVED BY: AJP
SCALE: 1"=100'

DATE: 08/22/2024
DRAWN BY: AJP
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SCALE: 1"=100'

DATE: 08/22/2024
DRAWN BY: AJP
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SCALE: 1"=100'

DATE: 08/22/2024
DRAWN BY: AJP
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SCALE: 1"=100'

DATE: 08/22/2024
DRAWN BY: AJP
CHECKED BY: AJP
APPROVED BY: AJP
SCALE: 1"=100'

504
CASE

PLOTTED 8/28/24 2:46 PM
C:\PROJECTS\115KV\115KV\STATION\40001 TO 40012

3874	3875	3876	3877	3878	3879	3880	3881	3882	3883	3884	3885	3886
0/12	0/13	0/14	0/15	0/16	0/17	0/18	0/19	0/20	0/21	0/22	0/23	0/24
3887	3888	3889	3890	3891	3892	3893	3894	3895	3896	3897	3898	3899
0/25	0/26	0/27	0/28	0/29	0/30	0/31	0/32	0/33	0/34	0/35	0/36	0/37



WIN Consulting
Tennessee - Debrahna
P.E. - CUD DESIGN

DATE	08/22/2024
FORWARD BY	AJP
NO. OF SHEETS	2024-0374
NO. OF SHEETS	2022-02
REVISION NO.	0



**DIAMOND LAKE TO MOWICH
115-KV TRANSMISSION LINE
STRUCTURES 8/11 TO 8/13**

300 FT. HORIZ. SCALE
NORTH

377	10/14	10/12	10/13	10/14	10/15	10/16	10/17	10/18	10/19	10/20	10/21	10/22	10/23	10/24	10/25	10/26	10/27	10/28	10/29	10/30	10/31	11/1	11/2	11/3	11/4	11/5	11/6	11/7	11/8	11/9	11/10	11/11	11/12	11/13	11/14	11/15	11/16	11/17	11/18	11/19	11/20	11/21	11/22	11/23	11/24	11/25	11/26	11/27	11/28	11/29	11/30	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8	12/9	12/10	12/11	12/12	12/13	12/14	12/15	12/16	12/17	12/18	12/19	12/20	12/21	12/22	12/23	12/24	12/25	12/26	12/27	12/28	12/29	12/30	12/31
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WIN Consulting
Transmission - Distribution
P.E. - ODD DESIGN

DATE	08/22/2024
ISSUES	2023-025P
PROJECT	2023-02
REV	
REVISION NO.	0
DESIGNED BY	AJP
CHECKED BY	AJP
INCHES BY	AJP
DATE	08/22/2024



DIAMOND LAKE TO MOWICH
115-KV TRANSMISSION LINE
STRUCTURES 10/11 TO 11/13

2000 FT. HORSE SCALE

MONTHS

PLOTTED 08/22/2024 2:41:47 PM
C:\PROJECTS\DIAMOND LAKE TO MOWICH\PLANS\CADD REV 2 DIAMOND LAKE TO MOWICH 115KV REV 3 STATION 8920 TO 8912

3576 3577 3578 3579 3580 3581 3582 3583 3584 3585 3586 3587 3588 3589 3590 3591 3592 3593 3594 3595 3596 3597 3598 3599 3600 3601 3602 3603 3604 3605 3606 3607 3608 3609 3610 3611 3612 3613 3614 3615 3616 3617 3618 3619 3620 3621 3622 3623 3624 3625 3626 3627 3628 3629 3630 3631 3632 3633 3634 3635 3636 3637 3638 3639 3640 3641 3642 3643 3644 3645 3646 3647 3648 3649 3650 3651 3652 3653 3654 3655 3656 3657 3658 3659 3660 3661 3662 3663 3664 3665 3666 3667 3668 3669 3670 3671 3672 3673 3674 3675 3676 3677 3678 3679 3680 3681 3682 3683 3684 3685 3686 3687 3688 3689 3690 3691 3692 3693 3694 3695 3696 3697 3698 3699 3700 3701 3702 3703 3704 3705 3706 3707 3708 3709 3710 3711 3712 3713 3714 3715 3716 3717 3718 3719 3720 3721 3722 3723 3724 3725 3726 3727 3728 3729 3730 3731 3732 3733 3734 3735 3736 3737 3738 3739 3740 3741 3742 3743 3744 3745 3746 3747 3748 3749 3750 3751 3752 3753 3754 3755 3756 3757 3758 3759 3760 3761 3762 3763 3764 3765 3766 3767 3768 3769 3770 3771 3772 3773 3774 3775 3776 3777 3778 3779 3780 3781 3782 3783 3784 3785 3786 3787 3788 3789 3790 3791 3792 3793 3794 3795 3796 3797 3798 3799 3800 3801 3802 3803 3804 3805 3806 3807 3808 3809 3810 3811 3812 3813 3814 3815 3816 3817 3818 3819 3820 3821 3822 3823 3824 3825 3826 3827 3828 3829 3830 3831 3832 3833 3834 3835 3836 3837 3838 3839 3840 3841 3842 3843 3844 3845 3846 3847 3848 3849 3850 3851 3852 3853 3854 3855 3856 3857 3858 3859 3860 3861 3862 3863 3864 3865 3866 3867 3868 3869 3870 3871 3872 3873 3874 3875 3876 3877 3878 3879 3880 3881 3882 3883 3884 3885 3886 3887 3888 3889 3890 3891 3892 3893 3894 3895 3896 3897 3898 3899 3900 3901 3902 3903 3904 3905 3906 3907 3908 3909 3910 3911 3912 3913 3914 3915 3916 3917 3918 3919 3920 3921 3922 3923 3924 3925 3926 3927 3928 3929 3930 3931 3932 3933 3934 3935 3936 3937 3938 3939 3940 3941 3942 3943 3944 3945 3946 3947 3948 3949 3950 3951 3952 3953 3954 3955 3956 3957 3958 3959 3960 3961 3962 3963 3964 3965 3966 3967 3968 3969 3970 3971 3972 3973 3974 3975 3976 3977 3978 3979 3980 3981 3982 3983 3984 3985 3986 3987 3988 3989 3990 3991 3992 3993 3994 3995 3996 3997 3998 3999 4000



WRI Consulting
Transmission - Distribution
PLS-CDD DESIGN

DATE:	08/22/2024
DRAWN BY:	2023-02PP
CHECKED BY:	2023-02
DESIGNED BY:	AJP
CALCULATED BY:	AJP
ISSUED BY:	AJP
REVISION NO.:	0



DIAMOND LAKE TO MOWICH
115-KV TRANSMISSION LINE
STRUCTURES 11/13 TO 12/11

115KV TOWER FOUND

ENGIN
CABIN

PLotted section 2/15/12 PM
PROJECT TRANSMISSION LINE TO MOWICH LAKE TO MOWICH LAKE REVA STATION 6100 TO 6710

18/11	18/12	18/13	18/14	18/15	18/16	18/17	18/18	18/19	18/20	18/21	18/22	18/23	18/24	18/25	18/26	18/27	18/28	18/29	18/30
35/9	42/4	49/9	56/4	63/9	70/4	77/9	84/4	91/9	98/4	105/9	112/4	119/9	126/4	133/9	140/4	147/9	154/4	161/9	168/4



WIN Consulting
Transmission - Distribution
P.L.S. CADS DESIGN

DATE	01/22/2014
BY	AP
NO.	2022-011P
DATE	2022-02
NO.	2022-02
DATE	01/22/2014
BY	AP
NO.	2022-011P
DATE	2022-02
NO.	2022-02



DIAMOND LAKE TO MOWICH
110-KV TRANSMISSION LINE
STRUCTURES 12/11 TO 18/12

0.001 FT. | HORSE SCALE

NORTH

Thomas Weller
Holder

4/22/2025
Date

Thomas Weller
Print Name
Engineering Manager
Title (if applicable)

THIS AGREEMENT IS HEREBY AUTHORIZED:

[Signature]
Realty Specialist
Bonneville Power Administration

4-22-25
Date

NOTE: BPA seeks help maintaining the integrity of the electrical transmission system. Please report any vandalism or theft to the BPA Crime Witness program at 1-800-437-2744. Cash rewards of up to \$25,000 will be paid should information lead to the arrest and conviction of persons committing a crime.

If you have any questions or concerns, please notify a BPA Realty Office. You may contact Deanna Shoemaker ("BPA Representative") by telephone at 541-516-3258 or send written correspondence to the address listed at the top of this Agreement.

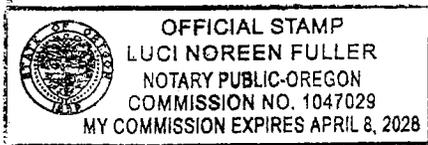
U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION

OFFICIAL/FIDUCIARY ACKNOWLEDGMENT

State of Oregon)
County Deschutes) ss.

On this 22 day of April, 20 25, before me personally appeared Deanna Shoemaker, known to me, or proved to me on the basis of satisfactory evidence to be the person who executed the within instrument as the Land Use Agreement

acknowledged to me that he/she executed the same freely and voluntarily in such capacity; and on oath stated that he/she was authorized to execute said instrument in such official or representative capacity.



(SEAL)

Luci Fuller
Notary Signature

Luci Noreen Fuller
Notary Printed Name

Notary Public in and for the
State of Oregon

Residing at Redmond, OR

My commission expires April 8, 2028

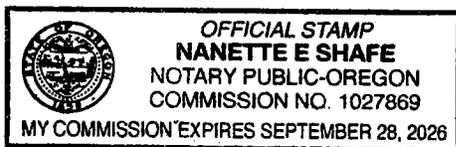
U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION

OFFICIAL/FIDUCIARY ACKNOWLEDGMENT

State of Oregon)
County Deschutes) ss.

On this 22 day of April, 20 25, before me personally appeared
Tom Weller, known to me, or proved to me on the basis of
satisfactory evidence to be the person who executed the within instrument as the Land
Use Agreement

acknowledged to me that he/she executed the same freely and voluntarily in such capacity; and on oath stated
that he/she was authorized to execute said instrument in such official or representative capacity.



(SEAL)

Nanette E Shafe
Notary Signature

NANETTE E. SHAFE
Notary Printed Name

Notary Public in and for the

State of OREGON

Residing at LADINE, OREGON

My commission expires SEPTEMBER 28, 2026