



**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: dlshoemaker@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:

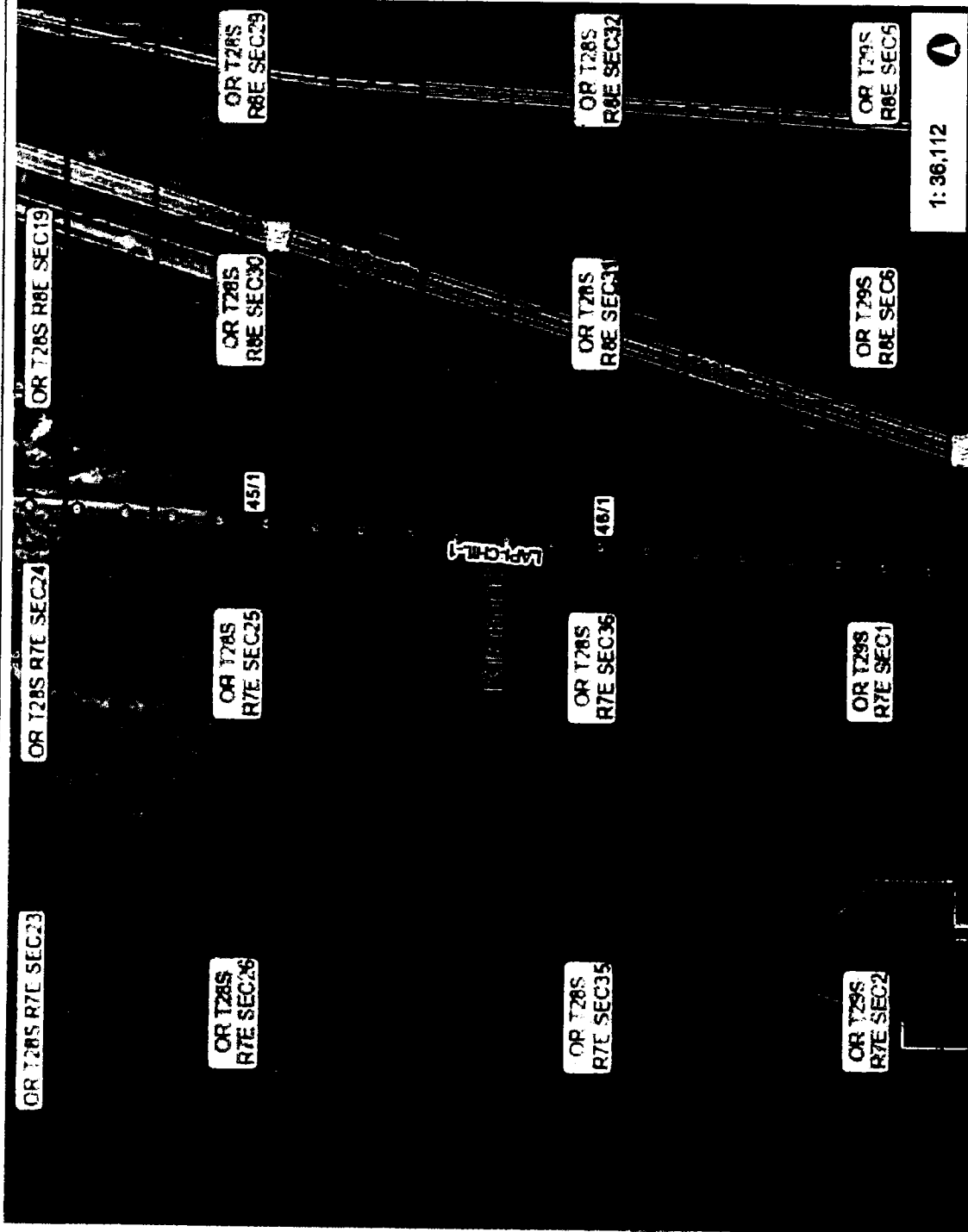
DEANNA
SHOEMAKER
Realty Specialist
Bonneville Power Administration

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.



1.1 0 0.57 1.1 Miles
WGS_1984_Web_Mercator_Auxiliary_Sphere
liveap.bud.bpa.gov

Legend

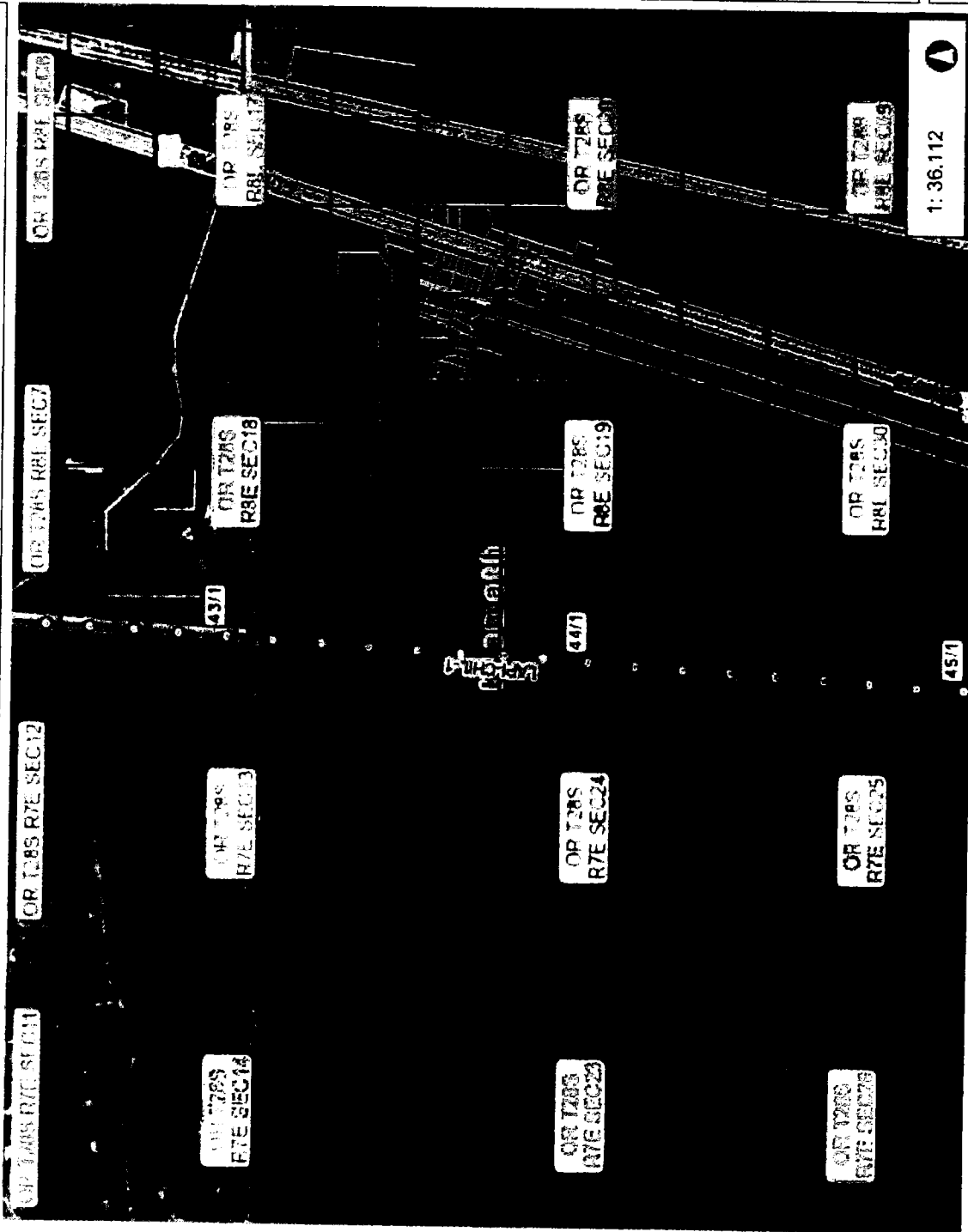
- BPA Substations
 - ▲ BPA Substation
 - BPA Maintenance HQ
- BPA Transmission Towers
 - Lattice Tower
 - Pole Structure
 - ⊕ Substation Dead End Bays
 - ⊙ Junction Box
 - Unknown Tower Type
- BPA Switches
 - ◆ BPA Switches
- BPA Transmission Lines
 - BPA Transmission Lines (Spar)
 - PLSS (Township Range Section)
 - PLSS Quarter Quarter Section
 - Land Acquisition Status - BPA
 - Acquisition Not Complete
- Fee
 - ① Fee
- Easement
 - Easement
 - Permit
 - Other, Lease, Neither
- Land Acquisition Status - BPA
 - Acquisition Not Complete
 - Fee
 - Easement
 - Permit
 - Other, Lease, Neither
- PEP Parcels (PIL-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
livesmap.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.

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 Switches
- BPA Transmission Lines
 - BPA Transmission Lines (Spar)
 - PLSS (Township Range Section)
 - PLSS Quarter Quarter Section
 - Land Acquisition Status - BPA Acquisition Not Complete
- Fee
 - Fee
- Easement
 - Easement
- Permit
 - Permit
- Other, Lease, Neither
 - Other, Lease, Neither
- Land Acquisition Status - BPA
 - Acquisition Not Complete
- Fee
 - Fee
- Easement
 - Easement
- Permit
 - Permit
- Other, Lease, Neither
 - 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.

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.

EXHIBIT C (cont'd)
CASE NO. 20240327

Legend

—	Typical Encroachment Line
—	Typical BPA Conductor Center Line
—	Typical MEC Structure

Typical BPA Structure

BPA La Pine to Chilcoquin
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"

6'-5"

Typical MEC Structure

MEC Diamond Lake to Mowich
115-KV Centerline

Typical MEC Structure

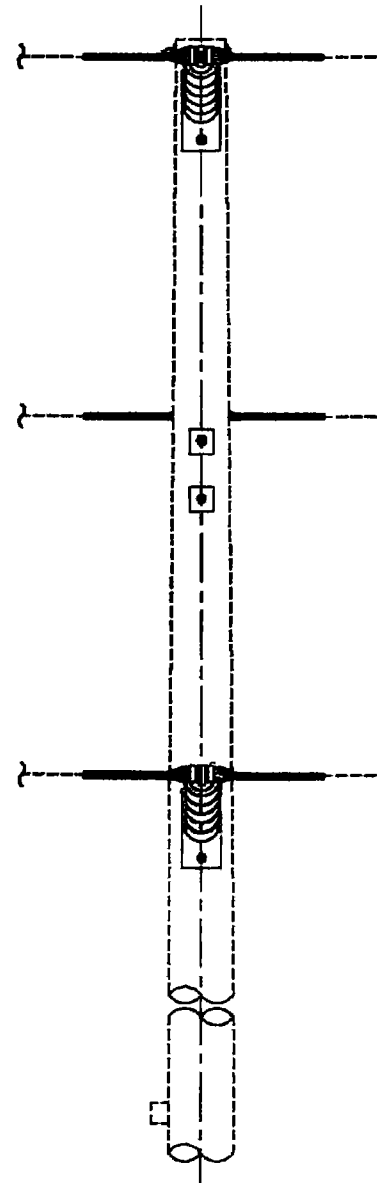
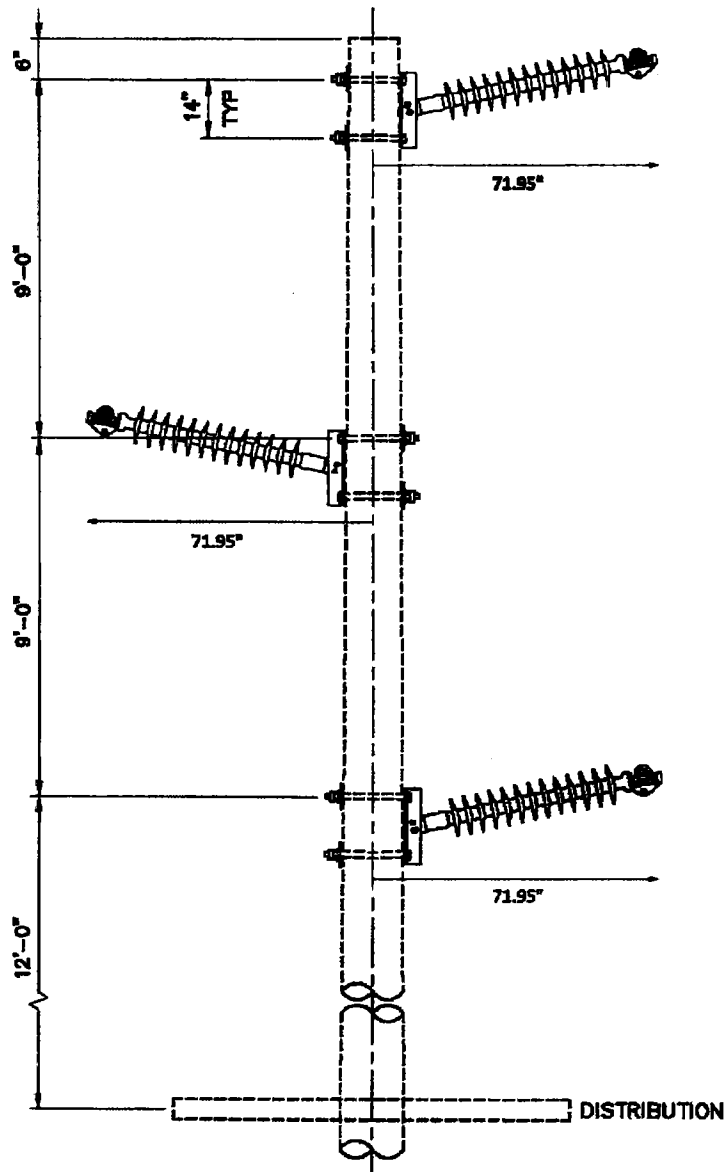
BPA ROW Encroachment Detail
MEC and BPA Structures with Line



REV DESCRIPTION DATE
Diamond Lake to Mowich 115-KV

N/A
8/27/2024

1-LINE
MEC



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

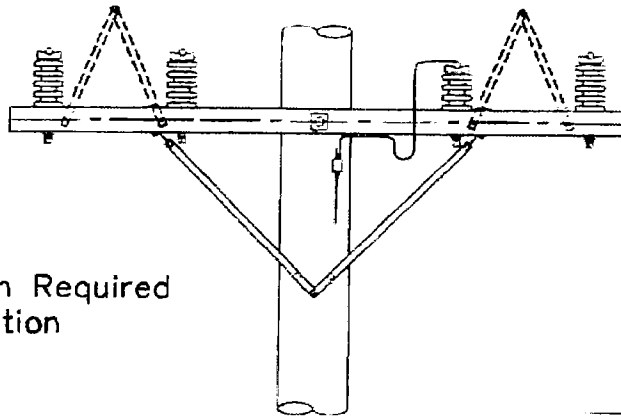
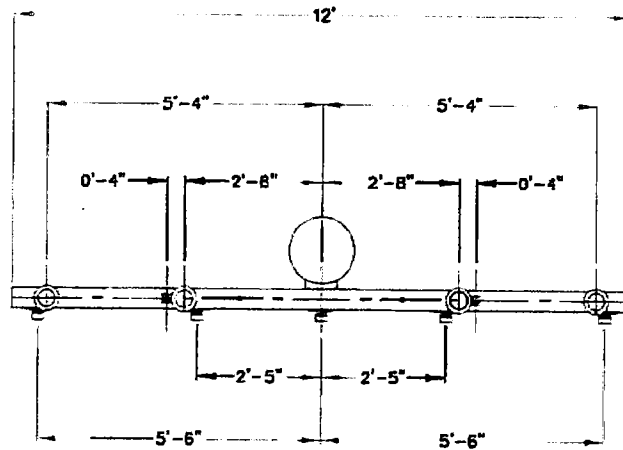
ITEM	DESCRIPTION	QTY
TM-115HP	115-KV HORIZONTAL LINE POST INSULATOR ASSEMBLY	3

EXHIBIT C (cont'd)
 CASE NO. 20240327

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



0	DISPOSITION	DATE	X / X	TP-115	XX
XXXXXXXX	XXXXXXXX	6/3/2022			TRANSMISSION



Notes:

Raptor Protection Required
on Flat Construction

EXHIBIT C (cont'd)
CASE NO. 20240327

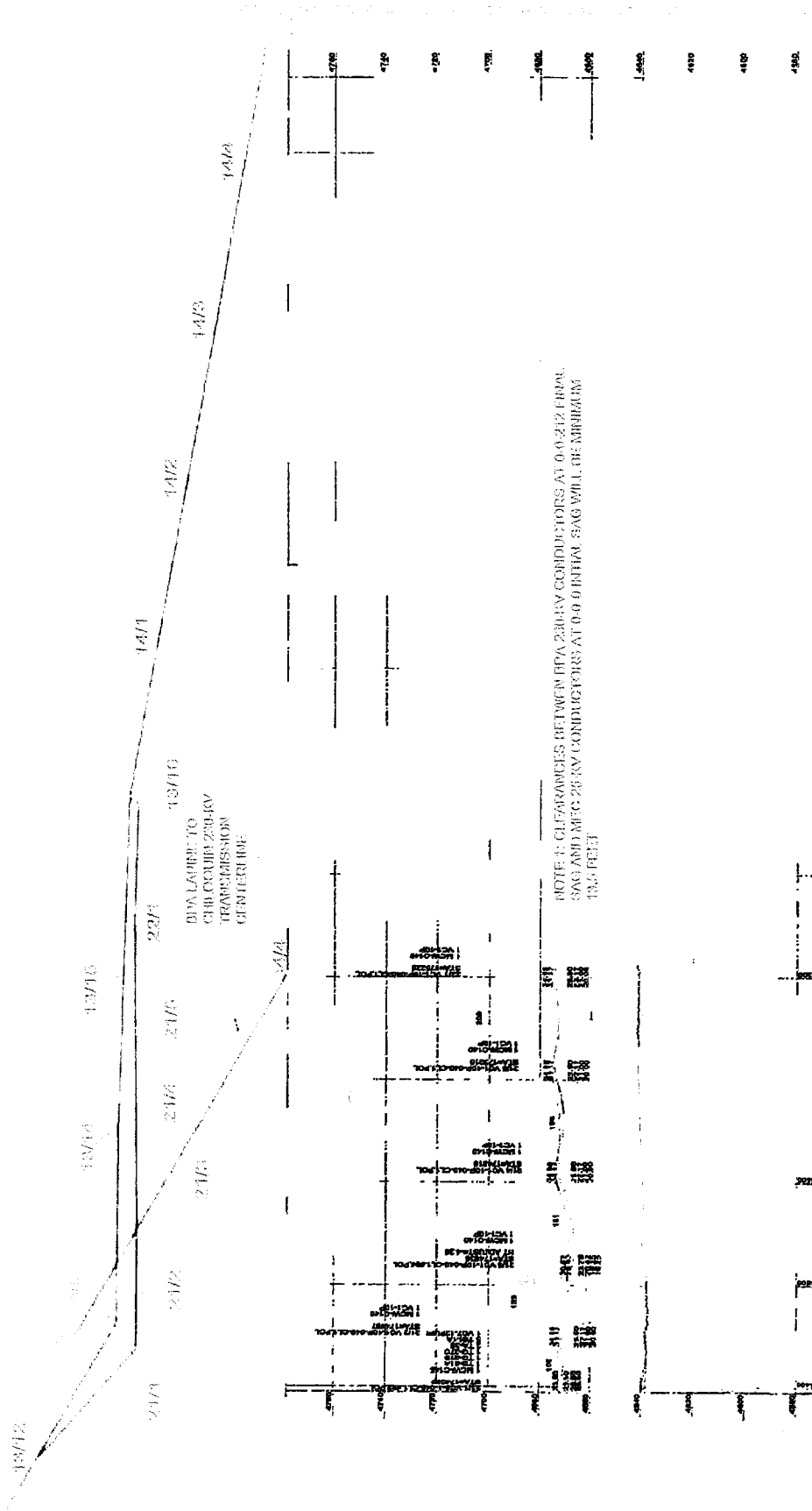
ASSEMBLY VC8-1-12P					ASSEMBLY VC9-1-12P				
ITEM	MATERIAL DESCRIPTION	QTY	ITEM #	UNIT	ITEM	MATERIAL DESCRIPTION	QTY	ITEM #	UNIT
	BOLT, MACHINE 3/4 X 16 IN	1	6380618	EACH		WASHER, SQUARE 1/2 IN	6	71020131	EACH
	WASHER, CURVED 3/4 IN	1	71013050	EACH		WASHER, CURVED 5/8 IN	1	71020440	EACH
	LOCKNUT, 3/4 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	71059331	EACH
	CONN, FARGO 5004	1	17810810	EACH		WIRE, COPPER #6 SOLID	6	72500601	FEET
	CONN, WEAVER SIZE AS REQ.	1		EACH		RAPTOR, PROTECTION REQ	2		EACH

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



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

MEG DIAMOND LAKE
TO MOWICH 25 KV
CENTERLINE



CROSSING PROFILE BETWEEN DPA LA PINE TO GIB COUIN NO. 1 250 KV
SPAN STRA 24/2 TO 24/6 AND MEG DIAMOND LAKE TO MOWICH 25 KV STRA
21/2, 21/6 AND 21/7



WIN Consulting
Transmission - Distribution
PLS-CAD DESIGN

DATE	BY	CHK	APP
08/22/2024	AJP		
08/22/2024	AJP		
08/22/2024	AJP		

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

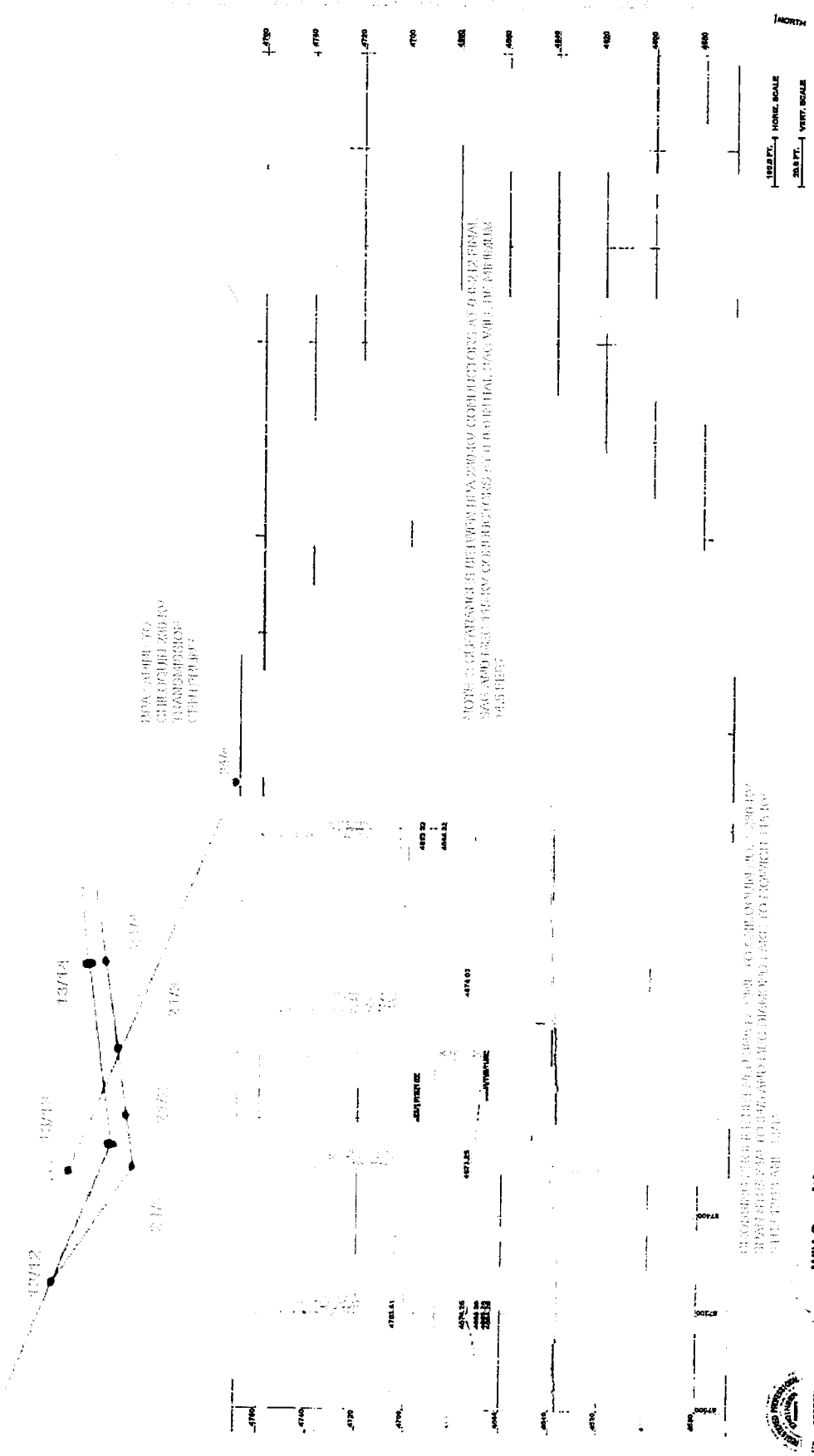


DIAMOND LAKE TO MOWICH
118-KV TRANSMISSION LINE
STRUCTURES 21/1 TO 22/1

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

13/12/2024 12:54:55 PM
C:\PROJECTS\DIAMOND LAKE TO MOWICH-115KV REV-2 STATION 6700 TO 6800

SEE DIAMOND LAKE
TO MOWICH 115KV
TRANSMISSION
STRUCTURES



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

DATE: 08/22/2024
DESIGNED BY: AJP
CHECKED BY: AJP
APPROVED BY: AJP
PROJECT NO.: 13/12 TO 13/15
REVISION NO.: 0

DATE: 08/22/2024
DESIGNED BY: AJP
CHECKED BY: AJP
APPROVED BY: AJP
PROJECT NO.: 13/12 TO 13/15
REVISION NO.: 0

MIDSTATE ELECTRIC
A Division of Midstate Energy Services
115KV TRANSMISSION LINE
STRUCTURES 13/12 TO 13/15

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

4617

4610

4611

4612

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4616

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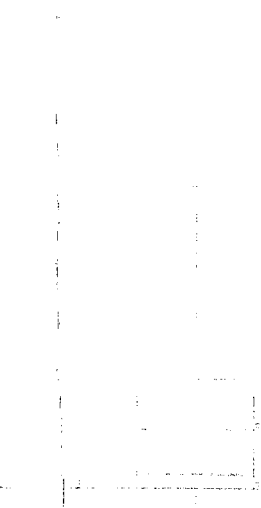
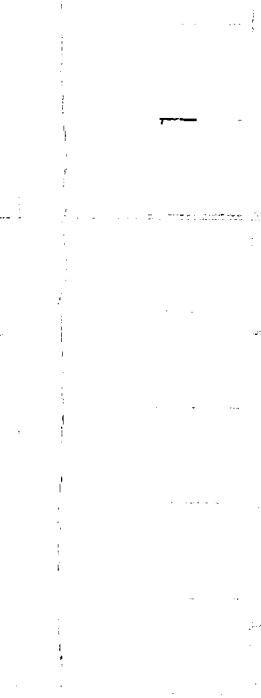
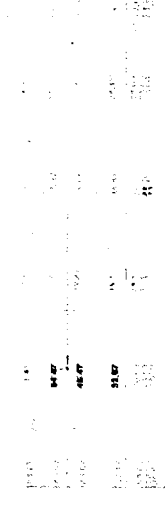
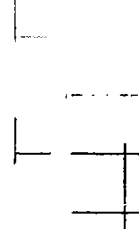
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4612

4615

4617

4618



WIN Consulting
Transmission - Distribution
PLS-CAD DESIGN

NO.	DATE	BY	REVISION
1	08/22/2024	AJP	0
2	2022-03-PP	AJP	
3	2022-02	AJP	
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DIAMOND LAKE TO MOWICH
115-KV TRANSMISSION LINE
STRUCTURES 1/10 TO 2/8

WIN Consulting
Transmission - Distribution
PLS-CADD DESIGN

**DIAMOND LAKE TO MOWICH
115-KV TRANSMISSION LINE
STRUCTURES 27 TO 37**



MIDSTATE ELECTRIC
ESTABLISHED 1941, INC.
 A FULLY LICENSED ELECTRICAL CONTRACTOR
 AND MEMBER OF THE NATIONAL ELECTRICAL ASSOCIATION

DATE:	08/22/2024
DRAWING NO.	2022-02PP
PROJECT NO.	2022-02
REVISION NO.	0

DISPOSED BY: _____
 TRANSFERRED BY: _____
 CHANGED BY: _____
 OR BY AND APPROVED BY: _____

[illegible]

**Transmission - Distribution
FLS-CADO DESIGN**

EXHIBIT: TOS 140023

2000

44/6	3/3	3/40	3/12	3/15	3/16
44/7	44/5	44/3	44/2	44/1	44/0

APPROXIMATELY 1200 TO 1700



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

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

43/5	43/6	43/7	43/8	43/9	43/10	43/11	43/12
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

**DIAMOND LAKE TO MOWICH
115-KV TRANSMISSION LINE
STRUCTURES 4/5 TO 5/4**



MIDSTATE ELECTRIC
 60001701, INC.
 A TOUCHSTONE ELECTRIC COMPANY
 10001701, INC.

DATE	08/22/2024
DRAWING NO.	2022-02PPP
PROJECT	2022-02
OR NO.	
REVISION NO.	0

DESIGNED BY: AJF
DRAFTED BY: AJF
CHECKED BY: AJF
OR BY AIPD APPROVED BY:

NO.	DATE	REVISION
1	10/10/61	1
2	10/10/61	2
3	10/10/61	3
4	10/10/61	4
5	10/10/61	5
6	10/10/61	6
7	10/10/61	7
8	10/10/61	8
9	10/10/61	9
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100	10/10/61	100

EDWARD T. BROWN
 DEPARTMENT OF THE ARMY
 WASHINGTON, D. C.

200.0 FT
20.0 FT



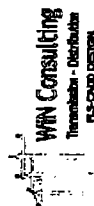
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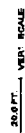
HORZ. SCALE
VERT. SCALE

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

DATE	DESCRIPTION	AMOUNT	BALANCE
1/1/12	OPENING BALANCE	0.00	0.00
1/15/12	PAYROLL	100.00	100.00
1/20/12	RENT	50.00	50.00
1/25/12	SALES	200.00	250.00
1/30/12	PAYROLL	100.00	150.00
2/1/12	RENT	50.00	100.00
2/15/12	SALES	150.00	250.00
2/20/12	PAYROLL	100.00	150.00
2/25/12	RENT	50.00	100.00
2/28/12	SALES	100.00	200.00
3/1/12	PAYROLL	100.00	100.00
3/15/12	RENT	50.00	50.00
3/20/12	SALES	150.00	200.00
3/25/12	PAYROLL	100.00	100.00
3/30/12	RENT	50.00	50.00
3/31/12	CLOSING BALANCE	0.00	0.00

[illegible]

**DIAMOND LAKE TO MOWICH
115-KV TRANSMISSION LINE
STRUCTURES 6/3 TO 7/3**



DATE:	08/22/2024
DRAWING NO.:	2022-02PP
PROJECT NO.:	2022-02

ORDERED BY: **AJP**
 SHIPPED BY: **AJP**
 CHECKED BY: **AJP**

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

WIN Consulting
Transmission - Distribution
P.L.C. 0400 082000

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10/10/2023

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200 FT
200 FT

NORTH

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



NO.	DATE	REVISION	BY	APPROVED BY
1	08/22/2024	08/22/2024	AP	AP
2	08/22/2024	08/22/2024	AP	AP
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DATE

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37/101 37/102 37/103 37/104 37/105 37/106 37/107 37/108 37/109 37/110 37/111 37/112 37/113 37/114 37/115 37/116 37/117 37/118 37/119 37/120 37/121 37/122 37/123 37/124 37/125 37/126 37/127 37/128 37/129 37/130 37/131 37/132 37/133 37/134 37/135 37/136 37/137 37/138 37/139 37/140 37/141 37/142 37/143 37/144 37/145 37/146 37/147 37/148 37/149 37/150 37/151 37/152 37/153 37/154 37/155 37/156 37/157 37/158 37/159 37/160 37/161 37/162 37/163 37/164 37/165 37/166 37/167 37/168 37/169 37/170 37/171 37/172 37/173 37/174 37/175 37/176 37/177 37/178 37/179 37/180 37/181 37/182 37/183 37/184 37/185 37/186 37/187 37/188 37/189 37/190 37/191 37/192 37/193 37/194 37/195 37/196 37/197 37/198 37/199 37/200

37/201 37/202 37/203 37/204 37/205 37/206 37/207 37/208 37/209 37/210 37/211 37/212 37/213 37/214 37/215 37/216 37/217 37/218 37/219 37/220 37/221 37/222 37/223 37/224 37/225 37/226 37/227 37/228 37/229 37/230 37/231 37/232 37/233 37/234 37/235 37/236 37/237 37/238 37/239 37/240 37/241 37/242 37/243 37/244 37/245 37/246 37/247 37/248 37/249 37/250 37/251 37/252 37/253 37/254 37/255 37/256 37/257 37/258 37/259 37/260 37/261 37/262 37/263 37/264 37/265 37/266 37/267 37/268 37/269 37/270 37/271 37/272 37/273 37/274 37/275 37/276 37/277 37/278 37/279 37/280 37/281 37/282 37/283 37/284 37/285 37/286 37/287 37/288 37/289 37/290 37/291 37/292 37/293 37/294 37/295 37/296 37/297 37/298 37/299 37/300



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CHECKED BY: [Signature]
APPROVED BY: [Signature]

APPROVED BY: [Signature]

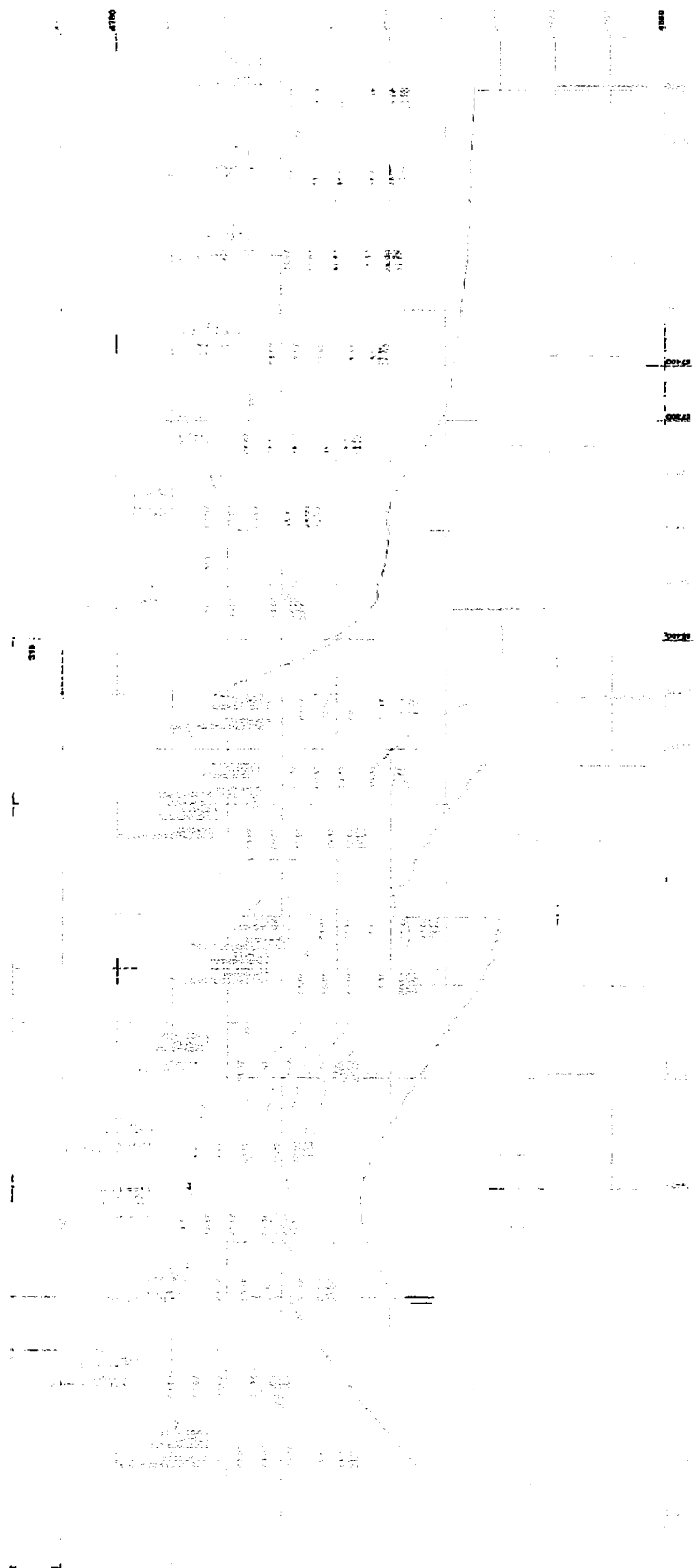
DATE: [Date]



DIAMOND LAKE TO MOWICH
115-KV TRANSMISSION LINE
STRUCTURES 10/2 TO 11/2

NOTE: SCALE
1" = 20.0 FT. 1" = 100.0 FT.

37/3 11/2 11/3 11/4 11/5 11/6 37/1 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



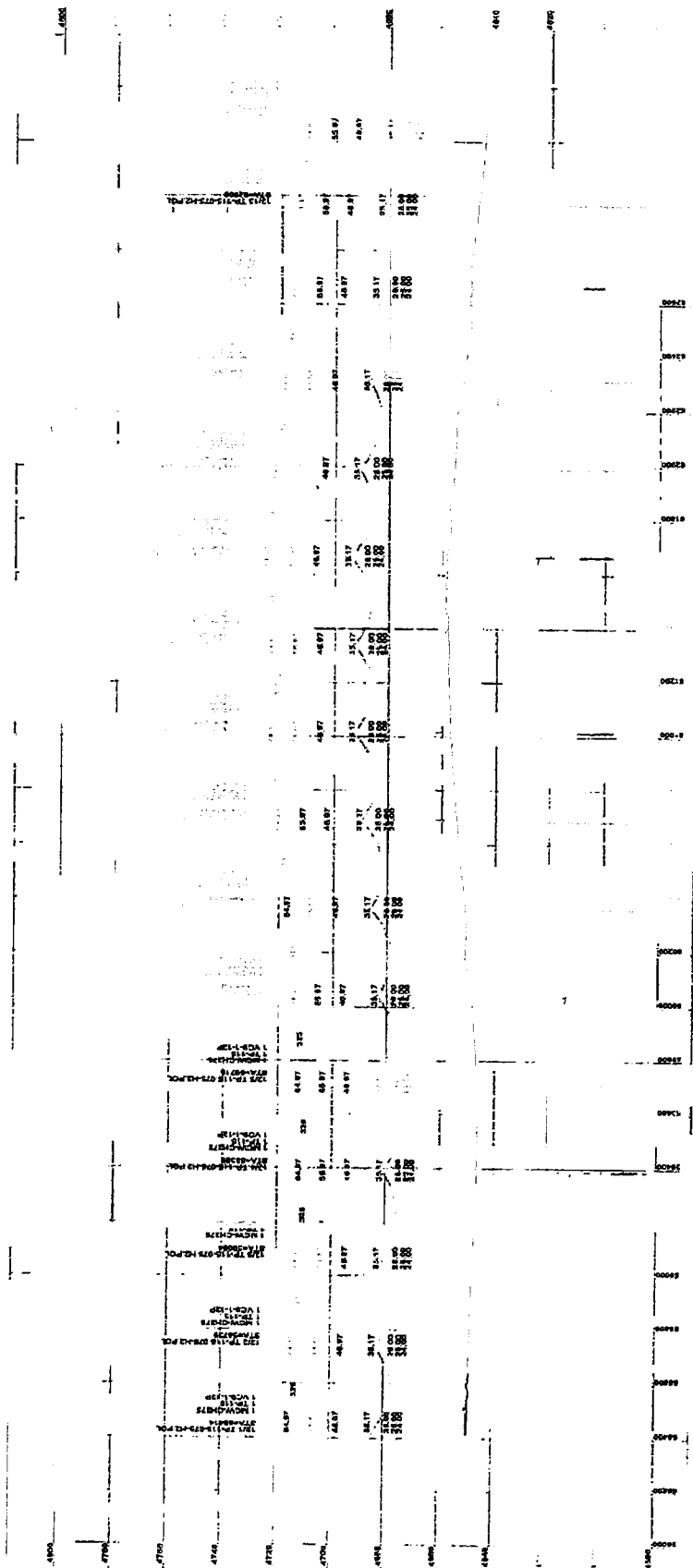
DIAMOND LAKE TO NOWICH
110-KV TRANSMISSION LINE
8 STRUCTURES 11/1 TO 12/1



DATE: 08/22/04
DRAWING: 2022-02FP
PROJECT: 2022-02
REVISION: 6

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

DATE: 08/22/04
DRAWING: 2022-02FP
PROJECT: 2022-02
REVISION: 6

[illegible]

WYI Consulting
Transmission - Distribution
■ SCADA DESIGN



DATE	09/22/2024
DRAWING NO.	2022-02PP
PROJECT NO.	2022-02
REVISION NO.	0

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EXHIBIT
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1 INCH = 200 FT

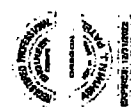
1 INCH = 200 FT

DIAMOND LAKE TO MOWICH
115-KV TRANSMISSION LINE
STRUCTURES 1/10 TO 2/9



DATE	DESIGNED BY	DATE	08/22/2024
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08/22/2024	08/22/2024	08/22/2024	08/22/2024
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08/22/2024	08/22/2024	08/22/2024	08/22/2024

WIN Consulting
Transmission - Distribution
PLS-CARD DESIGN



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DATE
CASE 1

PROJECT: DIAMOND LAKE TO MOWICH 115KV TRANSMISSION LINE
DRAWING: 115KV TRANSMISSION LINE
DATE: 08/22/2024
TIME: 2:41:42 PM



WIN Consulting
Transmission - Distribution
PLS-CADD DESIGN

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

250.0 FT. NORTH
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NO. PROJEST: 2022-02
NO. 0



**DIAMOND LAKE TO MOWICH
115-KV TRANSMISSION LINE
STRUCTURES 4/10 TO 5/8**

FOOT FT. HORIZ. SCALE

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Wynn Consulting
Transmission - Distribution
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2	08/13	WJD	REVISED
3	08/16	WJD	REVISED
4	08/19	WJD	REVISED
5	08/22	WJD	REVISED
6	08/25	WJD	REVISED
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8	09/01	WJD	REVISED
9	09/04	WJD	REVISED
10	09/07	WJD	REVISED
11	09/10	WJD	REVISED
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46	12/25	WJD	REVISED
47	12/28	WJD	REVISED
48	12/31	WJD	REVISED

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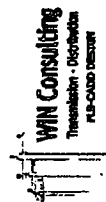
DIAMOND LAKE TO MOWICH
116-KV TRANSMISSION LINE
STRUCTURES 5/9 TO 8/10

200.0 FT. HORIZ. SCALE



200.0 FT ——— HORIZ SCALE

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

[illegible]

Year	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099
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250.0 FT. HORIZ. SCALE

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



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NO.: 2022-02
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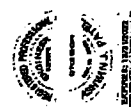
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WYN Consulting
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**DIAMOND LAKE TO MOWICH
115-KV TRANSMISSION LINE
STRUCTURES 8/11 TO 8/13**

500.0 FT. HORIZ. SCALE
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STRUCTURES 9/13 TO 10/12

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



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PUL-CADO DESIGN





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

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



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Transmission - Distribution
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 3. *Results*
 4. *Discussion*
 5. *Conclusion*
 6. *References*
 7. *Appendix*
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WIN Consulting
Thermische - Distribution
PLUS-ON DESIGN

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



MIDSTATE ELECTRIC
CORPORATION, INC.
A TRULAND HOLDINGS COMPANY
10000 W. 10th Avenue, Suite 100, Denver, CO 80202
303.440.1100

DATE:	08/22/2024
DRAWING NO.	2022-02PP
PROJECT	2022-02
NO.	
REVISION NO.	0

1 DISPATCHED BY: AJP
1 DISPATCHED BY: AJP
1 DISPATCHED BY: AJP
1 DISPATCHED BY: AJP

MOORE

Thomas Weller
Holder

4/22/2025
Date

Thomas Weller
Print Name
Engineering Manager
Title (if applicable)

THIS AGREEMENT IS HEREBY AUTHORIZED:

Deanna Shoemaker
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.

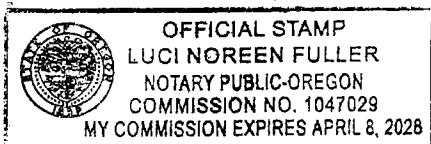
U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION

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

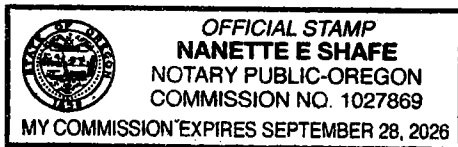
U.S. DEPARTMENT OF ENERGY
BONNEVILLE POWER ADMINISTRATION

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