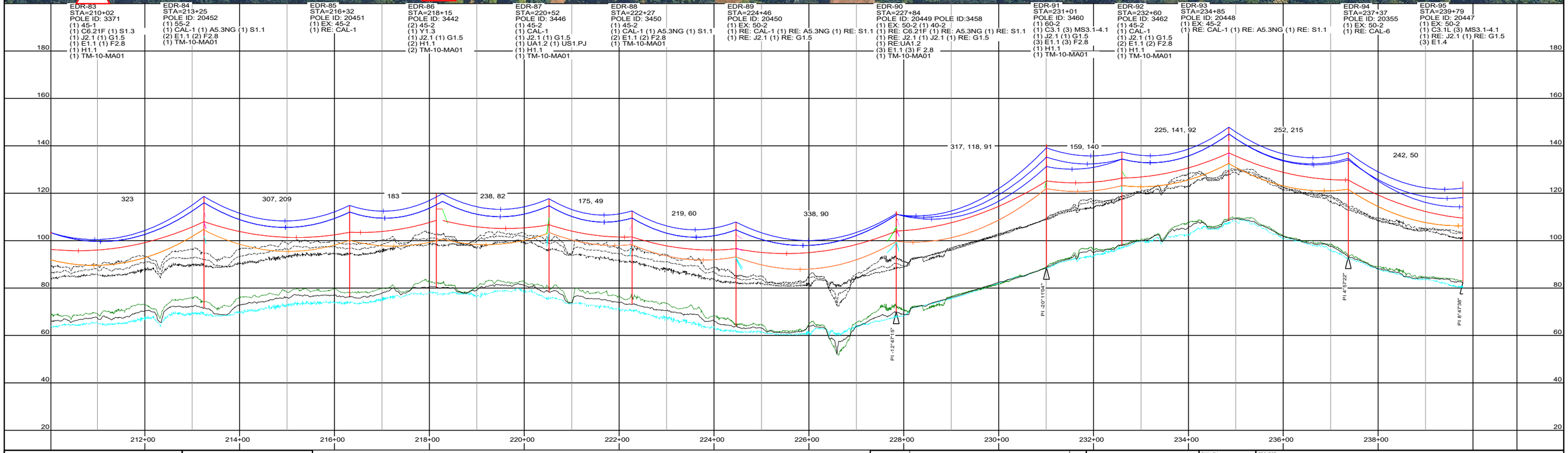
PLS-CADD DRAWING





DESIGN INFORMATION	
RULING SPAN =	
PRIMARY CONDUCTOR:	
SIZE = 336.4 ACSR (MERLIN)	
D. T. = 2,400 LBS (NESC GRADE C MEDIUM)	
CURVE SHOWN AT 167°F	
NEUTRAL CONDUCTOR:	
SIZE = 4/0 ACSR (PENGUIN)	
D. T. = 2100 LBS (NESC GRADE C MEDIUM)	
CURVE SHOWN AT 60°F	
ADSS CABLE:	
SIZE = 1.15" DIA LASHED ADSS	
D. T. = 500 LBS (60°F)	
CURVE SHOWN AT 60°F	

CLEARANCES			
GROUND	ROAD	RAILROAD	WATER
20.5`	20.5`	29`	19.5`

LOADING			
STD = NESC MEDIUM GRADE C			
WIND	ICE	K	F
4-PSF	0.25"	0.2	15°

R.O.W. WIDTH:

100.0 FT. HORIZ. SCALE

20.0 FT. VERT. SCALE

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DATE	REVISION	
09/04/26	ISSUED FOR BID	A
10/20/26	ISSUED FOR BID - ADDENDUM	B

TOTH & ASSOCIATES
1550 E. REPUBLIC ROAD
SPRINGFIELD, MO 65804
PH: 417-888-0645 FAX: 417-888-0657
WWW.TOTHASSOCIATES.COM
CERTIFICATE OF AUTHORITY:
WA# 604 082 498

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DWN. BY:	BDR
CKD. BY:	EAN
APPD. BY:	WFW
DATE:	05/28/26
SCALE:	AS NOTED

GRAPHIC SCALE MAY CHANGE DUE TO DRAWING REPRODUCTION

PROJECT: ELDON-DUCKABUSH RECONDUCTOR

LOCATION: MASON AND JEFFERSON COUNTIES, WA

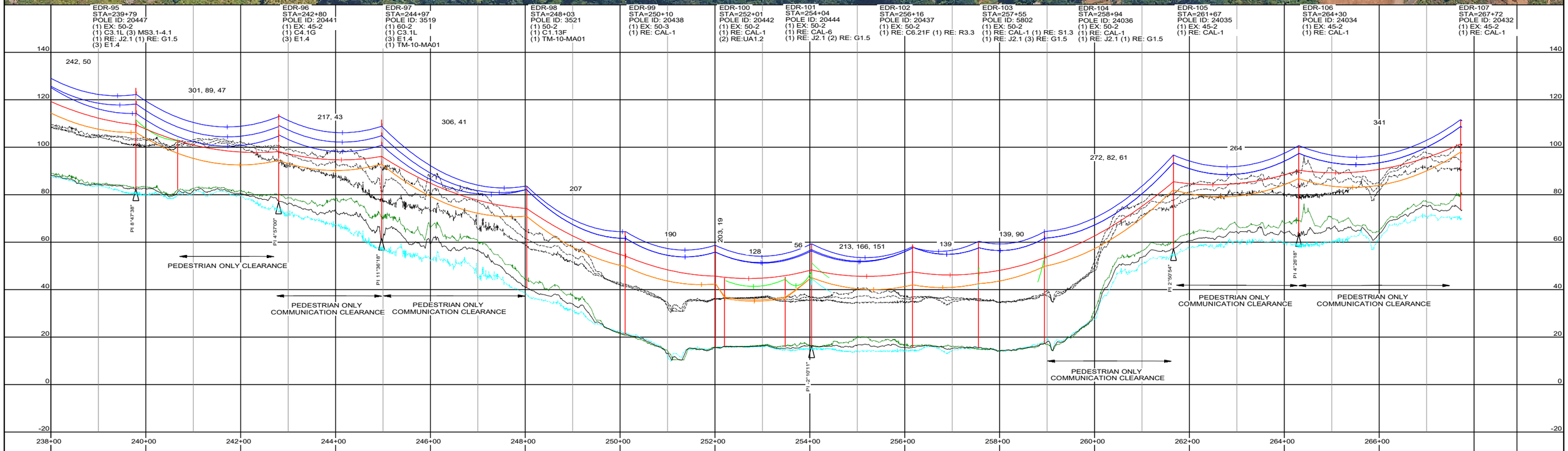
CLIENT: MASON COUNTY PUD 1
SHELTON,WASHINGTON

TITLE: PLAN AND PROFILE
STR: EDR-83 TO EDR-95

SHT NO: EDR.D02.01

PLS-CADD DRAWING





DESIGN INFORMATION
RULING SPAN =
PRIMARY CONDUCTOR: SIZE = 336.4 ACSR (MERLIN) D. T. = 2,400 LBS (NESC GRADE C MEDIUM) CURVE SHOWN AT 167°F
NEUTRAL CONDUCTOR: SIZE = 4/0 ACSR (PENGUIN) D. T. = 2100 LBS (NESC GRADE C MEDIUM) CURVE SHOWN AT 60°F
ADSS CABLE: SIZE = 1.15" DIA LASHED ADSS D. T. = 500 LBS (60°F) CURVE SHOWN AT 60°F

CLEARANCES			
GROUND	ROAD	RAILROAD	WATER
20.5'	20.5'	29'	19.5'

LOADING			
STD = NESC MEDIUM GRADE C			
WIND	ICE	K	F
4-PSF	0.25"	0.2	15°

R.O.W. WIDTH:

100.0 FT. HORIZ. SCALE

20.0 FT. VERT. SCALE

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MASON COUNTY PUD 1

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DWN. BY:	BDR
CKD. BY:	EAN
APPD. BY:	WFW
DATE:	05/28/26
SCALE:	AS NOTED

GRAPHIC SCALE MAY CHANGE DUE TO DRAWING REPRODUCTION

PROJECT: ELDON-DUCKABUSH RECONDUCTOR

LOCATION: MASON AND JEFFERSON COUNTIES, WA

CLIENT: MASON COUNTY PUD 1
SHELTON,WASHINGTON

TITLE: PLAN AND PROFILE
STR: EDR-95 TO EDR-107

SHT NO: EDR.D02.02

PLS-CADD DRAWING



EDR-107
STA=267+72
POLE ID: 20432
(1) EX: 45-2
(1) RE: CAL-1

EDR-108
STA=270+07
POLE ID: 20430
(1) EX: 45-2
(1) RE: CAL-1

EDR-109
STA=273+69
POLE ID: 20428
(1) EX: 45-2
(1) C4.1G (3) MS3.1-4.1
(1) RE: J2.1 (1) RE: G1.5
(3) E1.1 (3) F2.8

EDR-110
STA=276+13
POLE ID: 20433
(1) EX: 45-2
(1) RE: CAL-1
(1) RE: J2.1 (1) RE: G1.5

EDR-111
STA=279+02
POLE ID: 20431 POLE ID: 5394
(1) EX: 45-2 (1) 35-2
(1) C3.1L
(2) RE: J2.1 (1) J2.1 (1) RE: G1.5
(1) RE:UA1.2
(1) E1.1 (3) E1.4 (1) F2.8
(1) TM-10-MA01

EDR-112
STA=281+31
POLE ID: 20426
(1) 55-2
(1) C3.1L
(3) E1.4
(1) TM-10-MA01

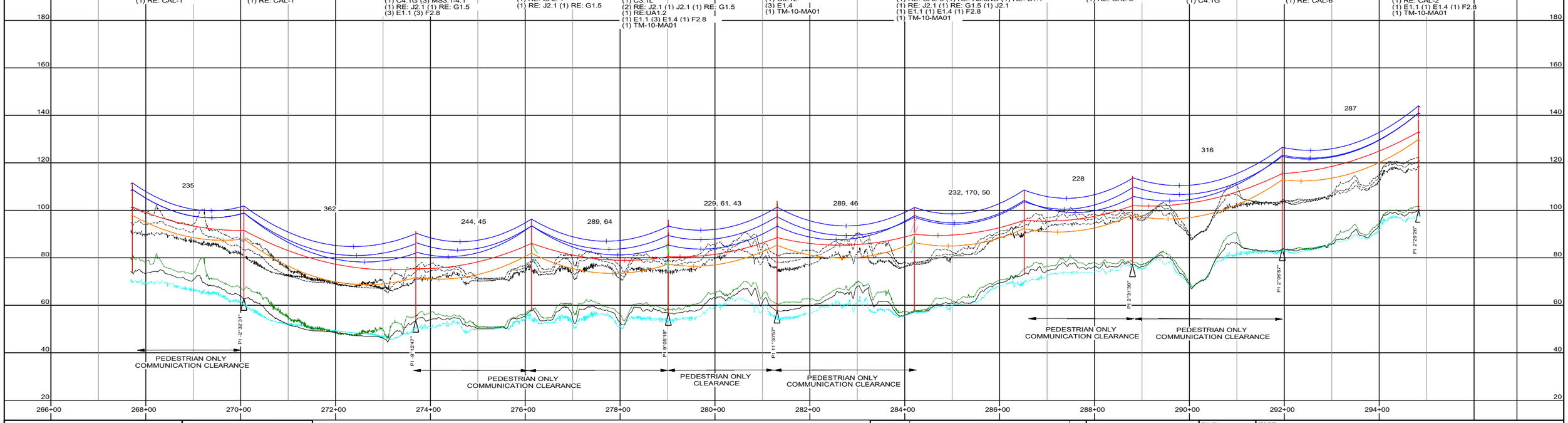
EDR-113
STA=284+20
POLE ID: 20425 POLE ID: 3458
(1) EX: 50-2 (1) 35-2
(1) RE: CAL-6 (1) RE: A5.3NG (1) RE: S1.1
(1) RE: J2.1 (1) RE: G1.5 (1) J2.1
(1) E1.1 (1) E1.4 (1) F2.8
(1) TM-10-MA01

EDR-114
STA=286+52
POLE ID: 20424
(1) EX: 45-2
(1) RE: CAL-6

EDR-115
STA=288+80
POLE ID: 20423
(1) EX: 45-2
(1) C4.1G

EDR-116
STA=291+96
POLE ID: 20422
(1) EX: 50-2
(1) RE: CAL-6

EDR-117
STA=294+83
POLE ID: 20421 POLE ID: NEW STR
(1) EX: 50-2 (1) 35-2
(1) RE: CAL-2
(1) E1.1 (1) E1.4 (1) F2.8
(1) TM-10-MA01



DESIGN INFORMATION	
RULING SPAN =	
PRIMARY CONDUCTOR:	
SIZE = 336.4 ACSR (MERLIN)	
D. T. = 2,400 LBS (NESC GRADE C MEDIUM)	
CURVE SHOWN AT 167°F	
NEUTRAL CONDUCTOR:	
SIZE = 4/0 ACSR (PENGUIN)	
D. T. = 2100 LBS (NESC GRADE C MEDIUM)	
CURVE SHOWN AT 60°F	
ADSS CABLE:	
SIZE = 1.15" DIA LASHED ADSS	
D. T. = 500 LBS (60°F)	
CURVE SHOWN AT 60°F	

CLEARANCES			
GROUND	ROAD	RAILROAD	WATER
20.5`	20.5`	29`	19.5`
LOADING			
STD = NESC MEDIUM GRADE C			
WIND	ICE	K	F
4-PSF	0.25"	0.2	15°
R.O.W. WIDTH:			
100.0 FT. HORIZ. SCALE			
20.0 FT. VERT. SCALE			

Washington 811

MASON COUNTY PUD 1

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09/04/26	ISSUED FOR BID	A
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1550 E. REPUBLIC ROAD
SPRINGFIELD, MO 65804
PH: 417-888-0645 FAX: 417-888-0657
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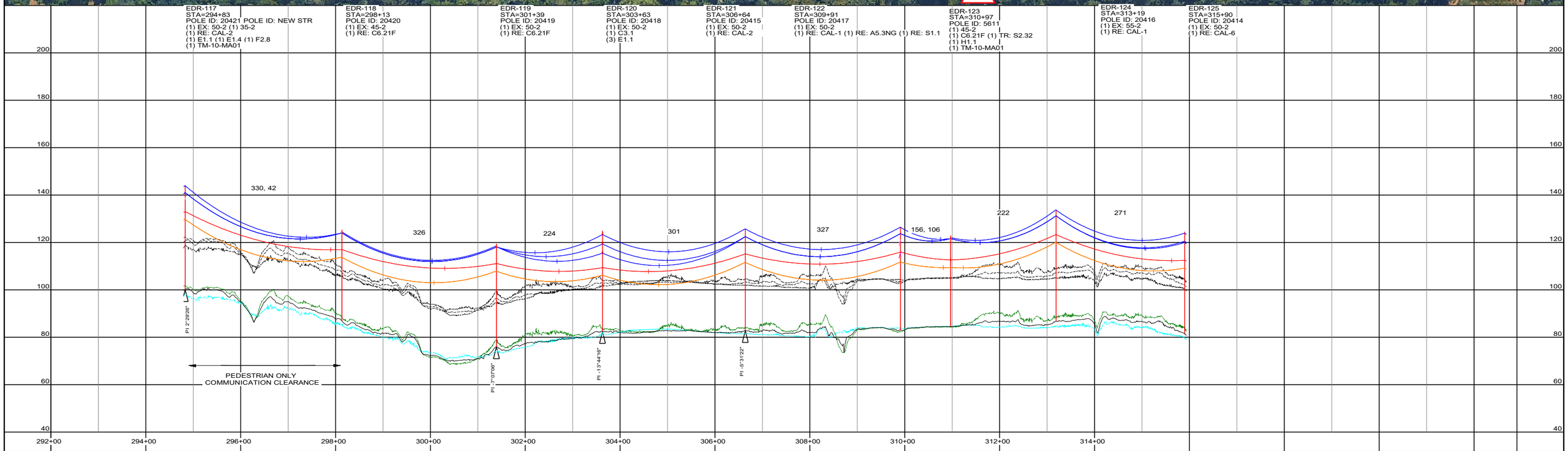
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DWN. BY: BDR
CKD. BY: EAN
APPD. BY: WFW
DATE: 05/28/26
SCALE: AS NOTED
GRAPHIC SCALE MAY CHANGE DUE TO DRAWING REPRODUCTION

PROJECT: ELDON-DUCKABUSH RECONDUCTOR
LOCATION: MASON AND JEFFERSON COUNTIES, WA
CLIENT: MASON COUNTY PUD 1 SHELTON,WASHINGTON
TITLE: PLAN AND PROFILE STR: EDR-107 TO EDR-117
SHT NO: EDR.D02.03

PLS-CADD DRAWING





DESIGN INFORMATION
RULING SPAN =
PRIMARY CONDUCTOR: SIZE = 336.4 ACSR (MERLIN) D. T. = 2,400 LBS (NESC GRADE C MEDIUM) CURVE SHOWN AT 167°F
NEUTRAL CONDUCTOR: SIZE = 4/0 ACSR (PENGUIN) D. T. = 2100 LBS (NESC GRADE C MEDIUM) CURVE SHOWN AT 60°F
ADSS CABLE: SIZE = 1.15" DIA LASHED ADSS D. T. = 500 LBS (60°F) CURVE SHOWN AT 60°F

CLEARANCES			
GROUND	ROAD	RAILROAD	WATER
20.5'	20.5'	29'	19.5'

LOADING			
STD = NESC MEDIUM GRADE C			
WIND	ICE	K	F
4-PSF	0.25"	0.2	15°

R.O.W. WIDTH:

100.0 FT. HORIZ. SCALE

20.0 FT. VERT. SCALE

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MASON COUNTY PUD 1

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09/04/26	ISSUED FOR BID	A
10/20/26	ISSUED FOR BID - ADDENDUM	B

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DWN. BY:	BDR
CKD. BY:	EAN
APPD. BY:	WFW
DATE:	05/28/26
SCALE:	AS NOTED

GRAPHIC SCALE MAY CHANGE DUE TO DRAWING REPRODUCTION

PROJECT: ELDON-DUCKABUSH RECONDUCTOR

LOCATION: MASON AND JEFFERSON COUNTIES, WA

CLIENT: MASON COUNTY PUD 1
SHELTON,WASHINGTON

TITLE: PLAN AND PROFILE
STR: EDR-117 TO EDR-125

SHT NO: EDR.D02.04

PLS-CADD DRAWING



EDR-125
STA=315+90
POLE ID: 20414
(1) EX: 50-2
(1) RE: CAL-6

EDR-126
STA=319+07
POLE ID: 20413
(1) EX: 45-2
(1) RE: CAL-6

EDR-127
STA=320+73
POLE ID: NEW STR
(1) 45-2
(1) CAL-1
(1) TM-10-MA01

EDR-128
STA=322+12
POLE ID: 20412
(1) 50-2
(1) C3.1L
(3) E1.1 (3) F2.8
(1) TM-10-MA01

EDR-129
STA=325+28
POLE ID: 20411
(1) EX: 45-2
(1) C3.1L
(3) E1.1 (3)F2.8

EDR-130
STA=328+08
POLE ID: 20410 POLE ID: 3565
(1) 65-2 (1) 45-2
(1) C3.1L
(1) E1.1 (3) E1.4 (1) F2.8
(2) TM-10-MA01

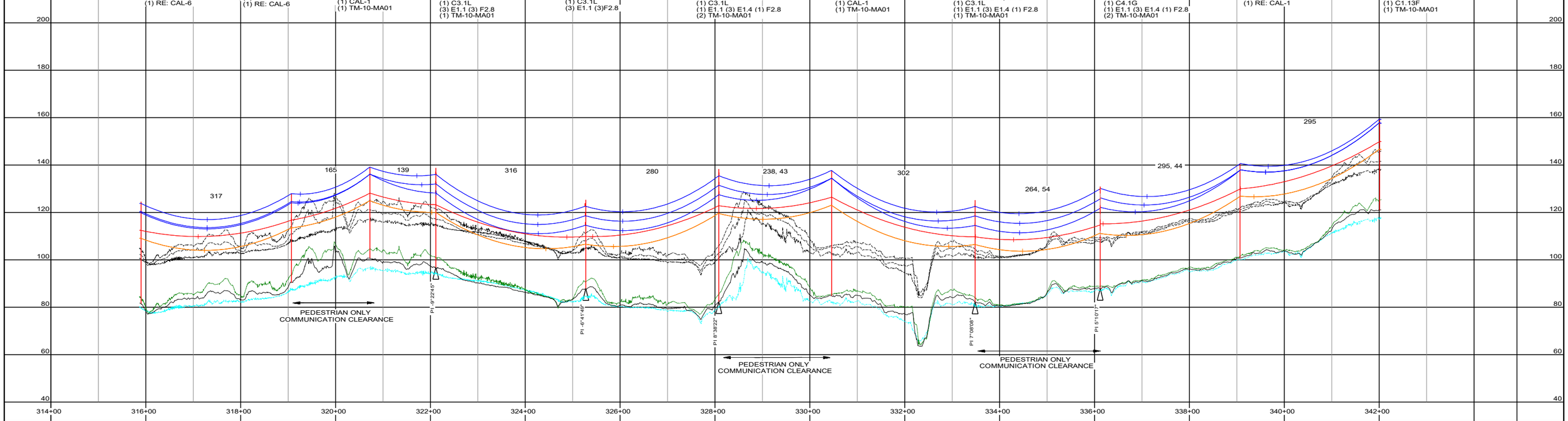
EDR-131
STA=330+46
POLE ID: 20409
(1) 60-1
(1) CAL-1
(1) TM-10-MA01

EDR-132
STA=333+48
POLE ID: 20408 POLE ID: 3568
(1) EX: 50-2 (1) 35-2
(1) C3.1L
(1) E1.1 (3) E1.4 (1) F2.8
(1) TM-10-MA01

EDR-133
STA=336+12
POLE ID: 5211 POLE ID: 3570
(1) 50-2 (1) 40-2
(1) C4.1G
(1) E1.1 (3) E1.4 (1) F2.8
(2) TM-10-MA01

EDR-134
STA=339+07
POLE ID: 5810
(1) EX: 45-3
(1) RE: CAL-1

EDR-135
STA=342+01
POLE ID: 5992
(1) 45-2
(1) C1.13F
(1) TM-10-MA01



DESIGN INFORMATION	
RULING SPAN =	
PRIMARY CONDUCTOR:	
SIZE = 336.4 ACSR (MERLIN)	
D. T. = 2,400 LBS (NESC GRADE C MEDIUM)	
CURVE SHOWN AT 167°F	
NEUTRAL CONDUCTOR:	
SIZE = 4/0 ACSR (PENGUIN)	
D. T. = 2100 LBS (NESC GRADE C MEDIUM)	
CURVE SHOWN AT 60°F	
ADSS CABLE:	
SIZE = 1.15" DIA LASHED ADSS	
D. T. = 500 LBS (60°F)	
CURVE SHOWN AT 60°F	

CLEARANCES			
GROUND	ROAD	RAILROAD	WATER
20.5'	20.5'	29'	19.5'

LOADING			
STD = NESC MEDIUM GRADE C			
WIND	ICE	K	F
4-PSF	0.25"	0.2	15°

R.O.W. WIDTH:

100.0 FT. HORIZ. SCALE

20.0 FT. VERT. SCALE

Washington 811

MASON COUNTY PUD 1

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DATE	REVISION	
09/04/26	ISSUED FOR BID	A
10/20/26	ISSUED FOR BID - ADDENDUM	B

TOTH & ASSOCIATES
1550 E. REPUBLIC ROAD
SPRINGFIELD, MO 65804
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CERTIFICATE OF AUTHORITY:
WA# 604 082 498

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DWN. BY:	BDR
CKD. BY:	EAN
APPD. BY:	WFW
DATE:	05/28/26
SCALE:	AS NOTED

GRAPHIC SCALE MAY CHANGE DUE TO DRAWING REPRODUCTION

PROJECT:
ELDON-DUCKABUSH RECONDUCTOR

LOCATION: MASON AND JEFFERSON COUNTIES, WA

CLIENT:
MASON COUNTY PUD 1
SHELTON,WASHINGTON

TITLE:
PLAN AND PROFILE
STR: EDR-125 TO EDR-135

SHT NO: EDR.D02.05