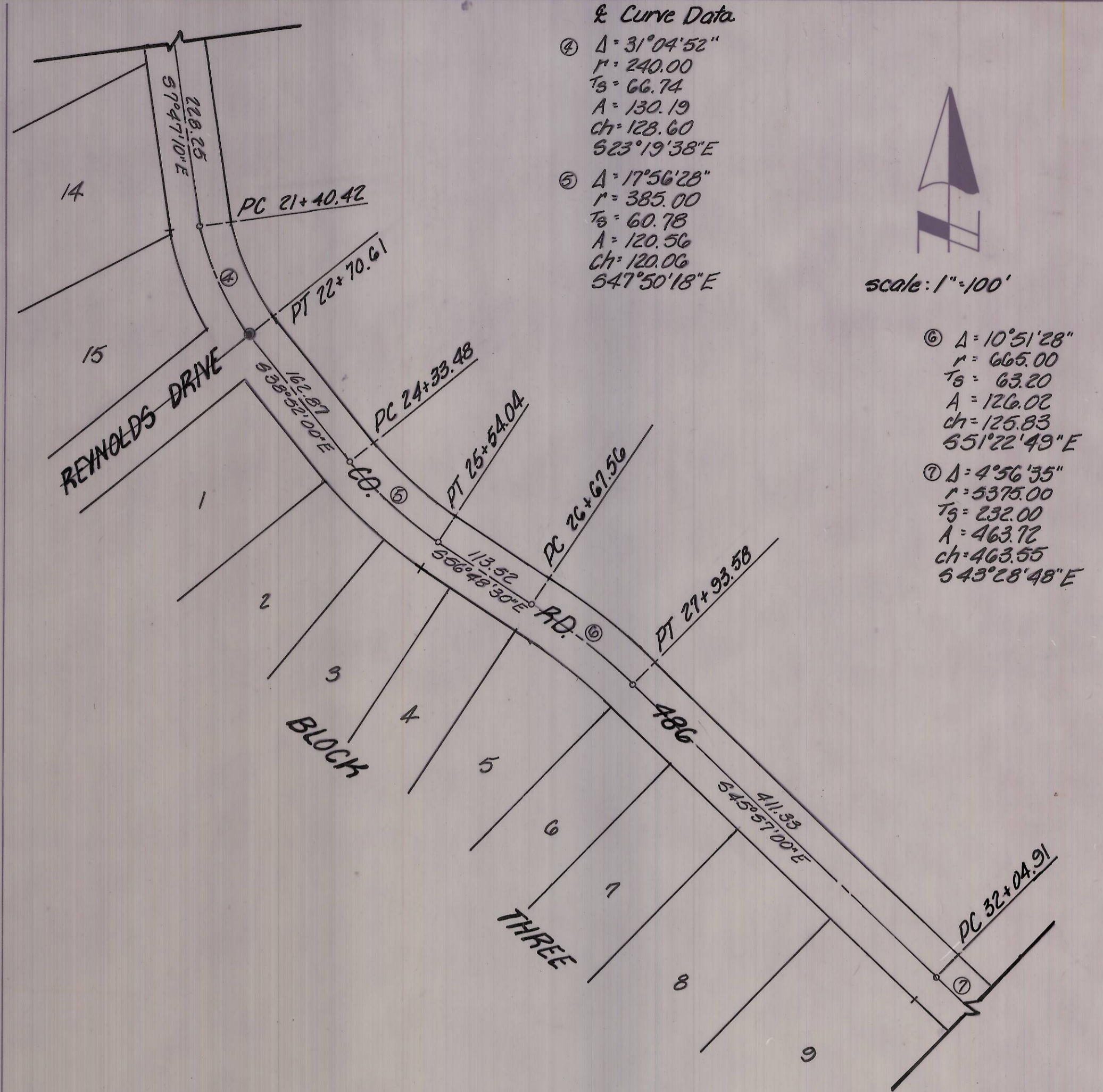
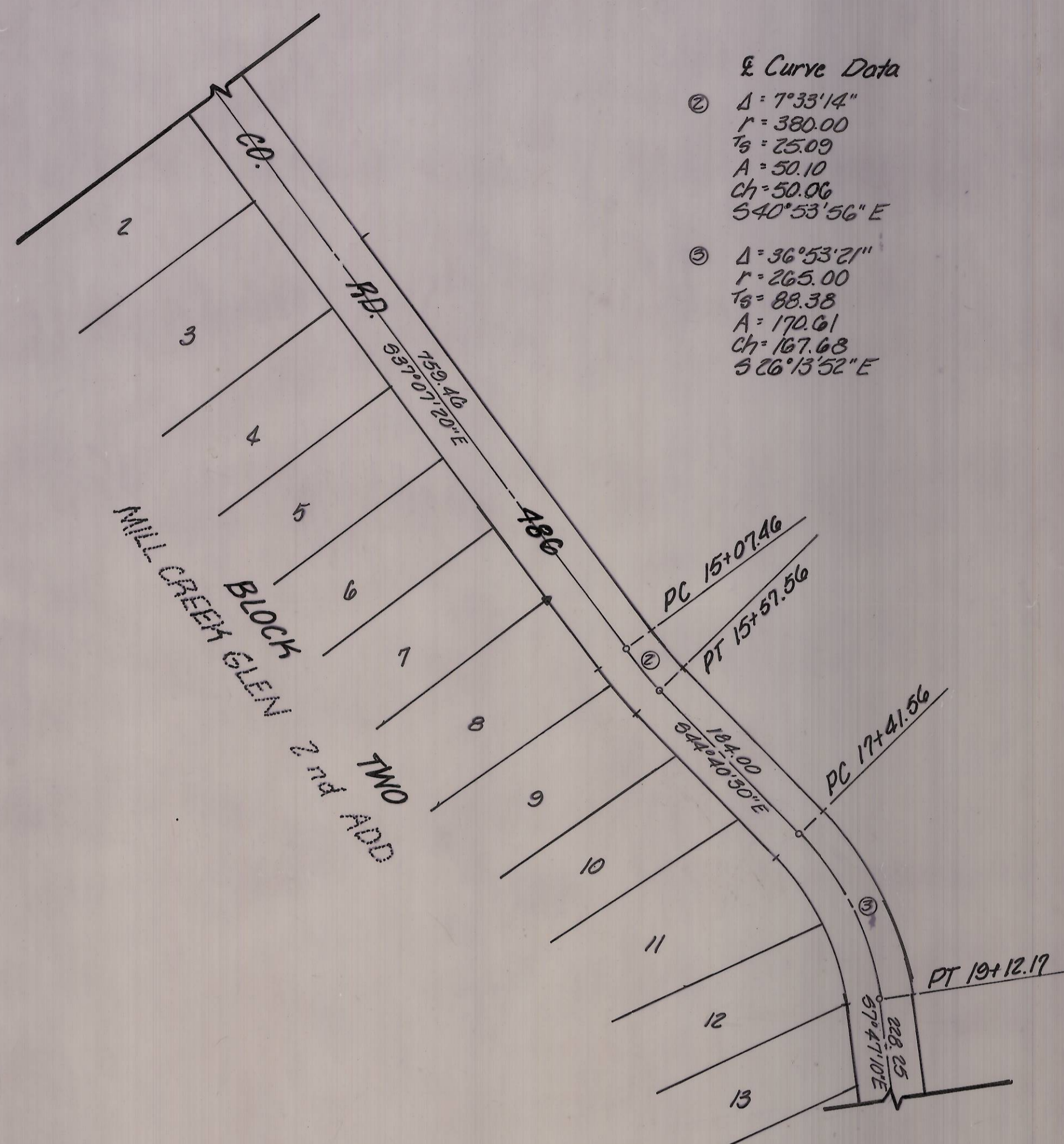
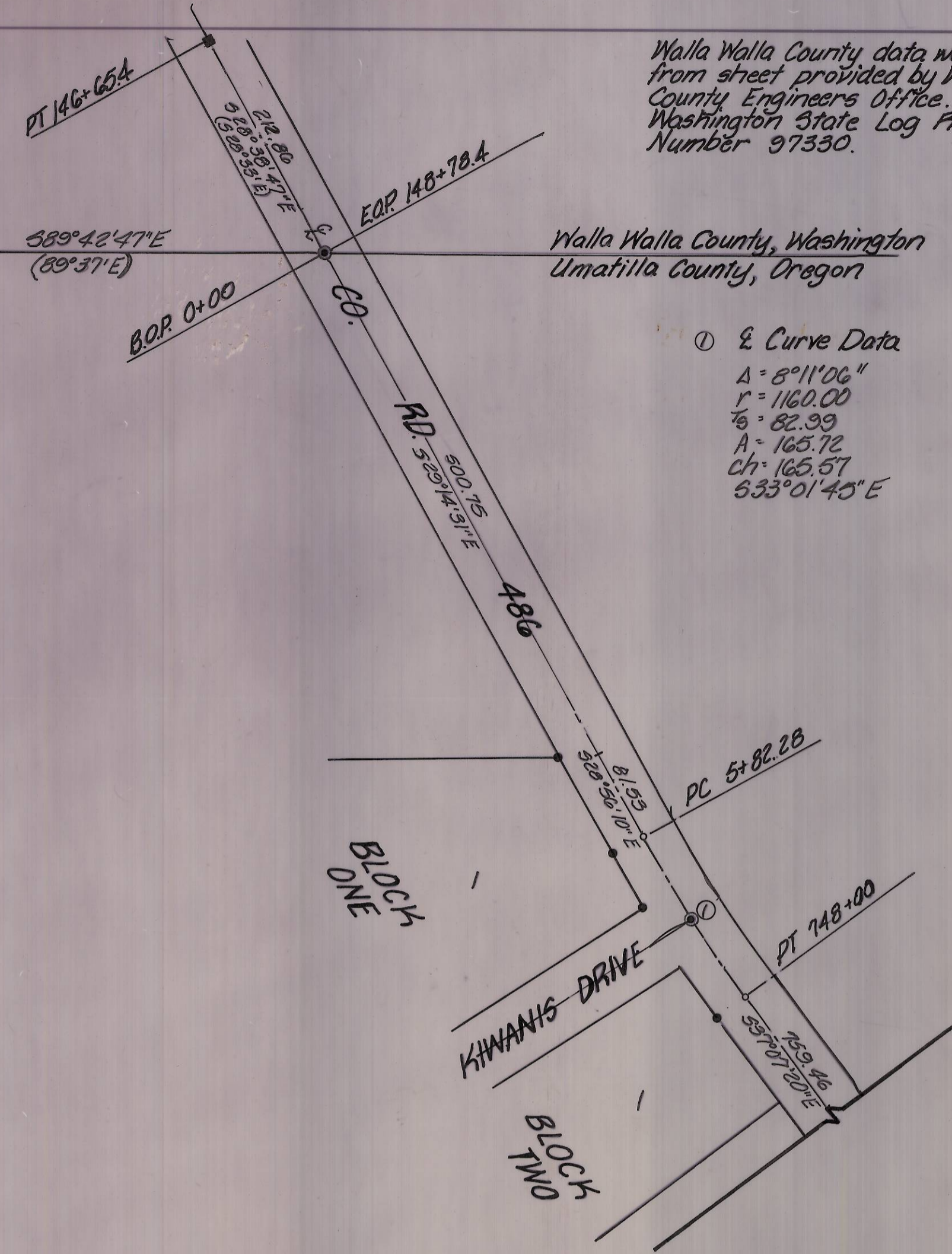


PLAN  
 SURVIVED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 No. \_\_\_\_\_

PROFILE  
 SURVIVED: \_\_\_\_\_  
 PLOTTED: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 No. \_\_\_\_\_



**NARRATIVE:**  
 The purpose of this survey was to establish the right of way of County Roads 486 & 889. These roads were originally established on May 8, 1937 and August 2, 1929 respectively. Since that time the roadway has been moved from the original right of way. This survey is based upon ties to existing subdivisions and section corners as shown on the drawings. Bearings are based upon Mill Creek Glen Addition ties.

- denotes 3/8" iron rebar found
- ▲ denotes 1/2" iron rebar found
- denotes 199 spike found
- ( ) denotes record bearing
- denotes set 2 1/2" Brass Cap on a 2 1/2" x 30" iron pin

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<b>K E</b> KRUMBEIN ENGINEERING LTD. ENGINEERS - SURVEYORS - PLANNERS 361 S.E. Second Pendleton, Oregon	Scale 1" = 100'	Drn. By MLD	Drng. No. 85-25D	Revision 1 3-1-84
	Date 83	Ckd. By DWA	Job No. 85-105	Revision 2

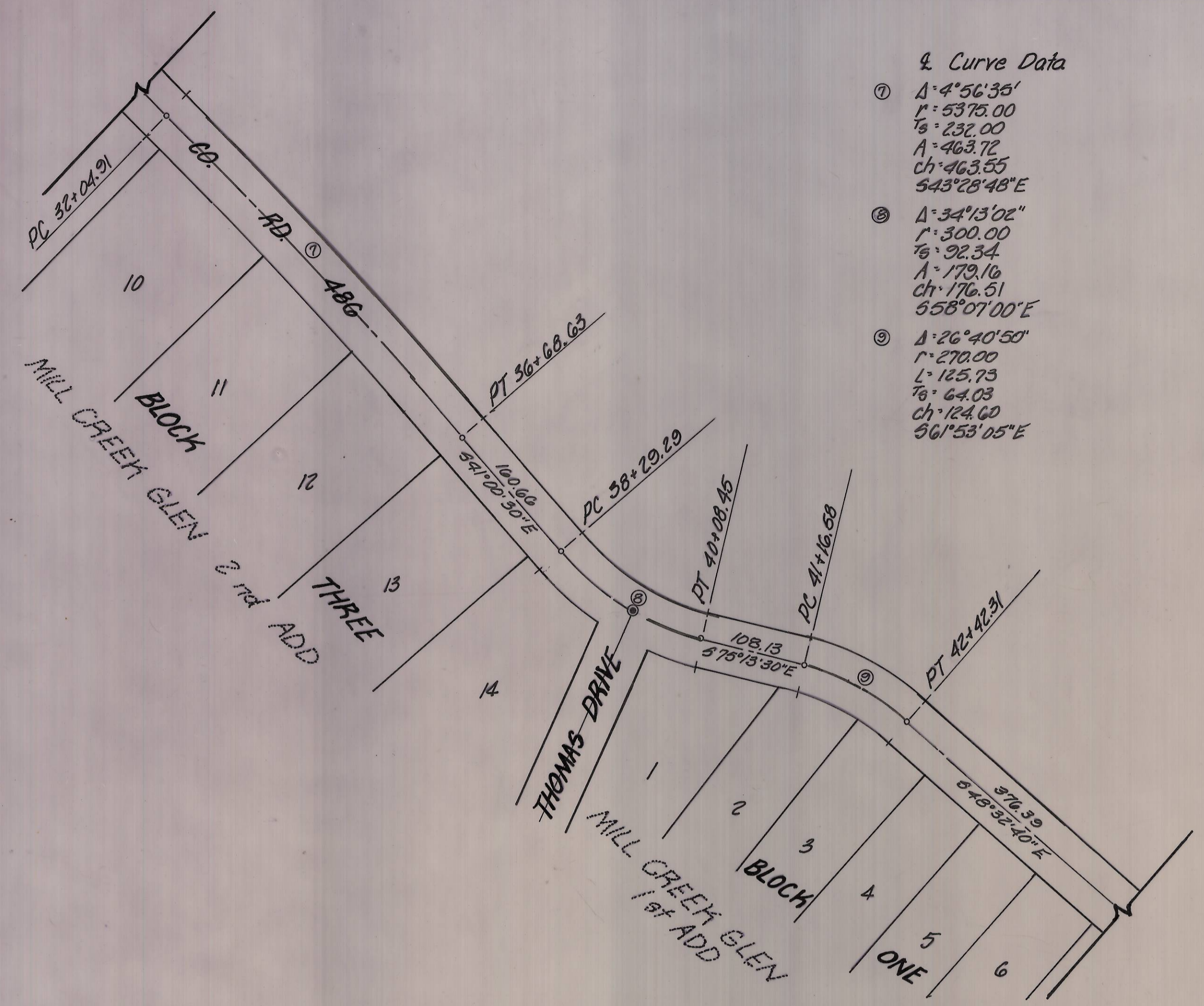
Right of Way Survey  
 County Roads 486 & 889  
 Sections 18, 19, 20, 21 & 22  
 T6N, R38E, W1M.  
 Umatilla County, Oregon

REGISTERED PROFESSIONAL SURVEYOR  
 David W. Krumbey  
 UMATILLA COUNTY, OREGON

Sheet 1 of 6

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 PLAN NOTE BOOK: \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 SURVEYED: \_\_\_\_\_  
 PROFILE NOTE BOOK: \_\_\_\_\_  
 NO. \_\_\_\_\_

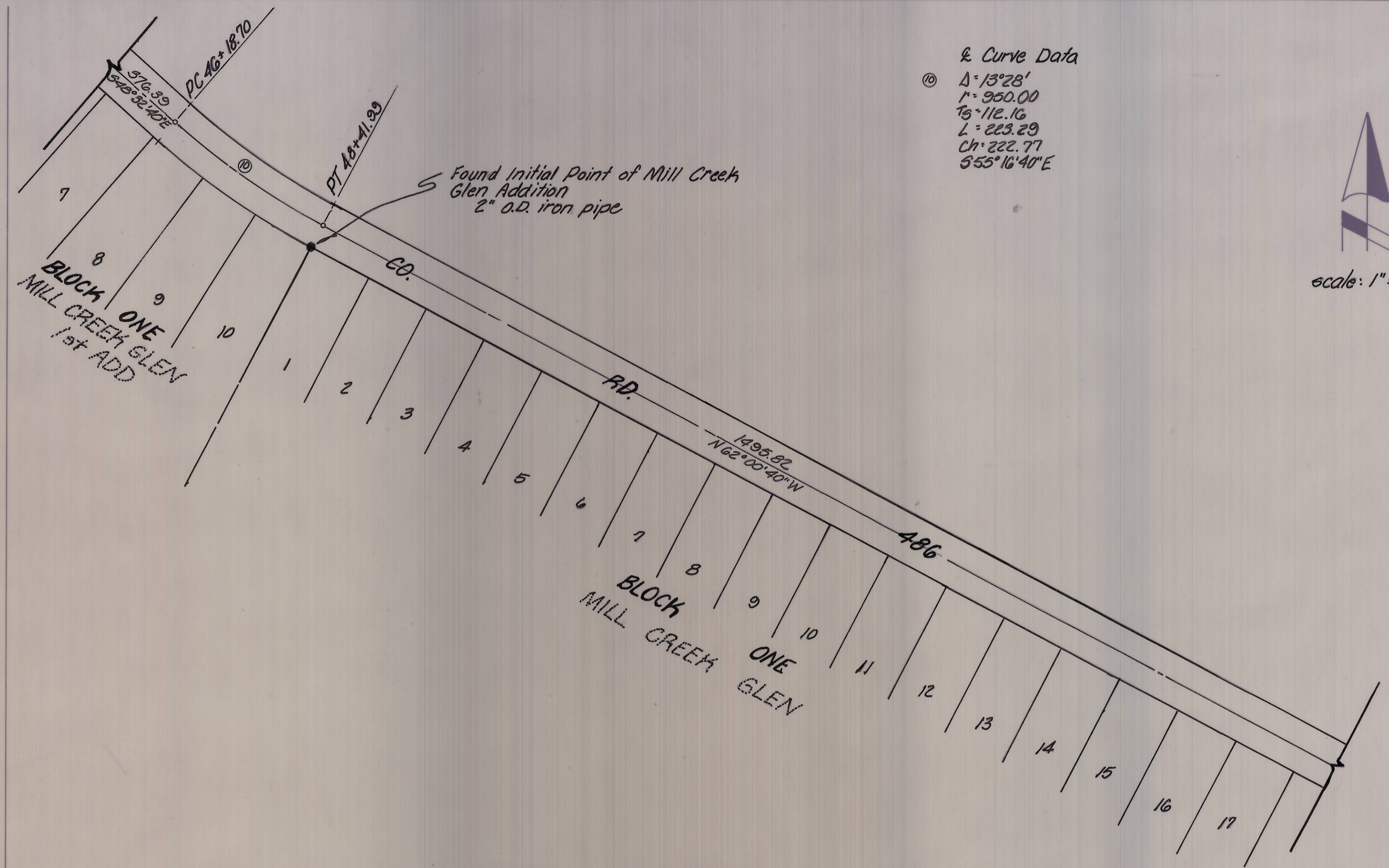


**Curve Data**

①  $\Delta: 4^{\circ}56'36''$   
 $r: 5375.00$   
 $T: 232.00$   
 $A: 463.72$   
 $Ch: 463.55$   
 $543^{\circ}28'48''E$

②  $\Delta: 34^{\circ}13'02''$   
 $r: 300.00$   
 $T: 92.34$   
 $A: 179.16$   
 $Ch: 176.51$   
 $558^{\circ}07'00''E$

③  $\Delta: 26^{\circ}40'50''$   
 $r: 270.00$   
 $L: 125.73$   
 $T: 64.03$   
 $Ch: 124.60$   
 $561^{\circ}53'05''E$



**Curve Data**

④  $\Delta: 13^{\circ}28'$   
 $r: 950.00$   
 $T: 112.16$   
 $L: 223.29$   
 $Ch: 222.77$   
 $555^{\circ}16'40''E$



scale: 1" = 100'

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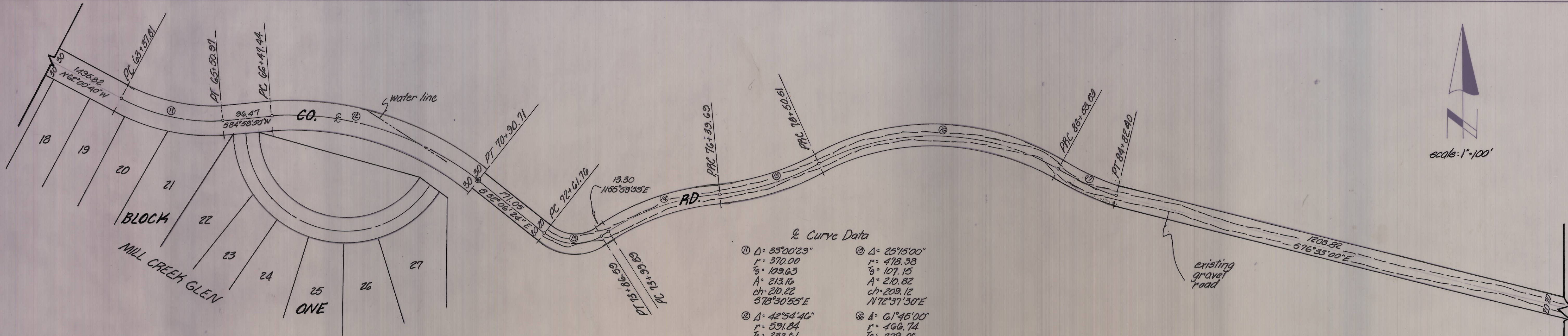
<b>KRUMBEIN ENGINEERING LTD.</b> ENGINEERS - SURVEYORS - PLANNERS 361 S.E. Second Pendleton, Oregon	Scale	Dwn. By	Drng. No.	Revision 1
	1" = 100'	MLD	83-25D	3-1-84
	Date	Ckd. By	Job No.	Revision 2
	83	DNA	83-105	

Right of Way Survey  
 County Roads 486 & 889  
 Sections 18, 19, 20, 21 & 22  
 T6N, R38E, W1M.  
 Umatilla County, Oregon

REGISTERED PROFESSIONAL SURVEYOR  
 David H. Klein  
 Sheet 2 of 6

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 PLAN  
 DRAWING: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 NO. \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 PROFILE  
 DRAWING: \_\_\_\_\_  
 CHECKED: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 NO. \_\_\_\_\_



Curve Data

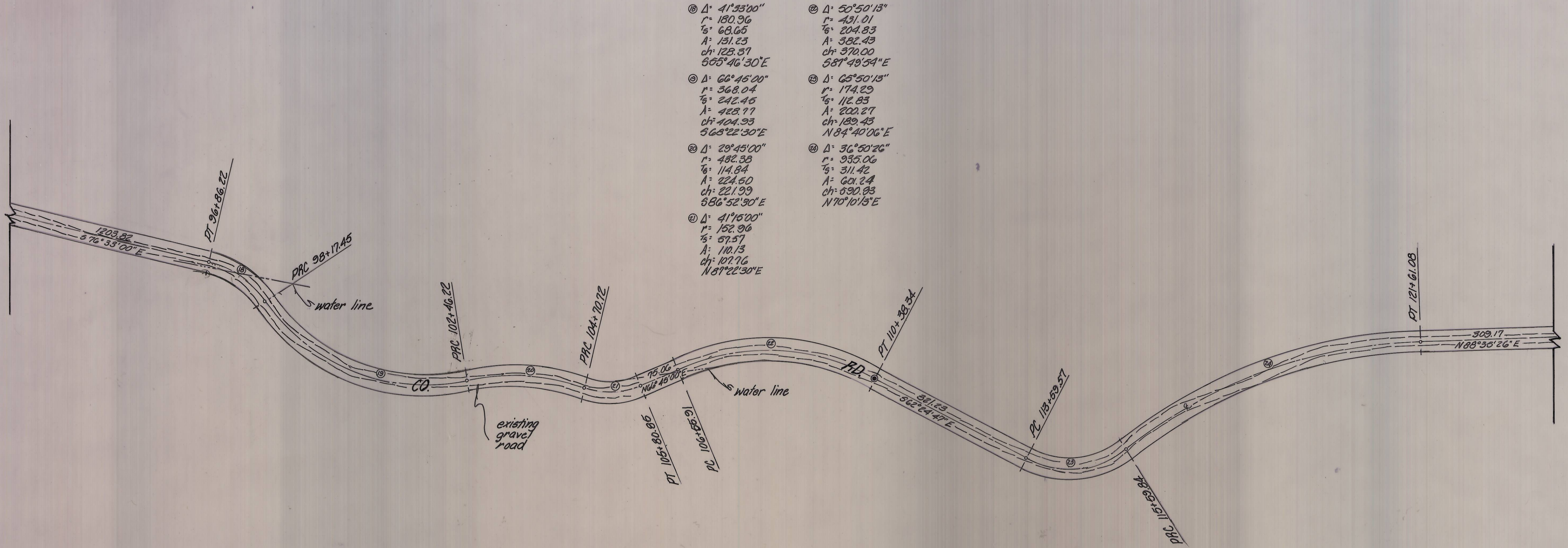
① Δ: 33°00'29"	② Δ: 25°15'00"
r: 370.00	r: 478.58
ts: 109.63	ts: 107.15
A: 213.16	A: 210.82
ch: 210.22	ch: 209.12
578°30'55"E	N72°31'30"E
② Δ: 42°54'40"	③ Δ: 61°46'00"
r: 591.84	r: 466.74
ts: 282.61	ts: 279.06
A: 443.27	A: 503.02
ch: 432.98	ch: 479.03
579°35'49"E	389°07'30"E
③ Δ: 71°53'34"	④ Δ: 18°18'00"
r: 99.49	r: 403.48
ts: 72.14	ts: 64.99
A: 124.83	A: 128.87
ch: 116.30	ch: 128.32
588°05'13"E	66°24'00"E
④ Δ: 29°15'01"	
r: 469.72	
ts: 182.57	
A: 239.80	
ch: 237.20	
N70°37'30"E	

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<b>KRUMBEIN ENGINEERING LTD.</b> ENGINEERS - SURVEYORS - PLANNERS 361 S.E. Second Pendleton, Oregon	Scale 1"=100'	Drn. By AKD	Dwg. No. 83-250	Revision 1 3-1-84
	Date 83	Chk. By DMA	Job No. 83-105	Revision 2
Right of Way Survey County Roads 486 & 889 Sections 18, 19, 20, 21 & 22 T6N, R38E, W1M. Umatilla County, Oregon				Sheet 3 of 6

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 PLAN  
 NOTE BOOK  
 No. \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 PROFILE  
 NOTE BOOK  
 No. \_\_\_\_\_



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 No. 84-41-C

	<b>KRUMBEIN ENGINEERING LTD.</b> ENGINEERS - SURVEYORS - PLANNERS 361 S.E. Second Pendleton, Oregon		Scale <b>1"=100'</b>	Dwn. By <b>MLD</b>	Dwg. No. <b>83-25D</b>	Revision 1 <b>3-1-84</b>
			Date	Ckd. By <b>DHA</b>	Job No. <b>83-105</b>	Revision 2

Right of Way Survey  
 County Roads 486 & 889  
 Sections 18, 19, 20, 21, & 22  
 T6N, R38E, W.M.  
 Umatilla County, Oregon

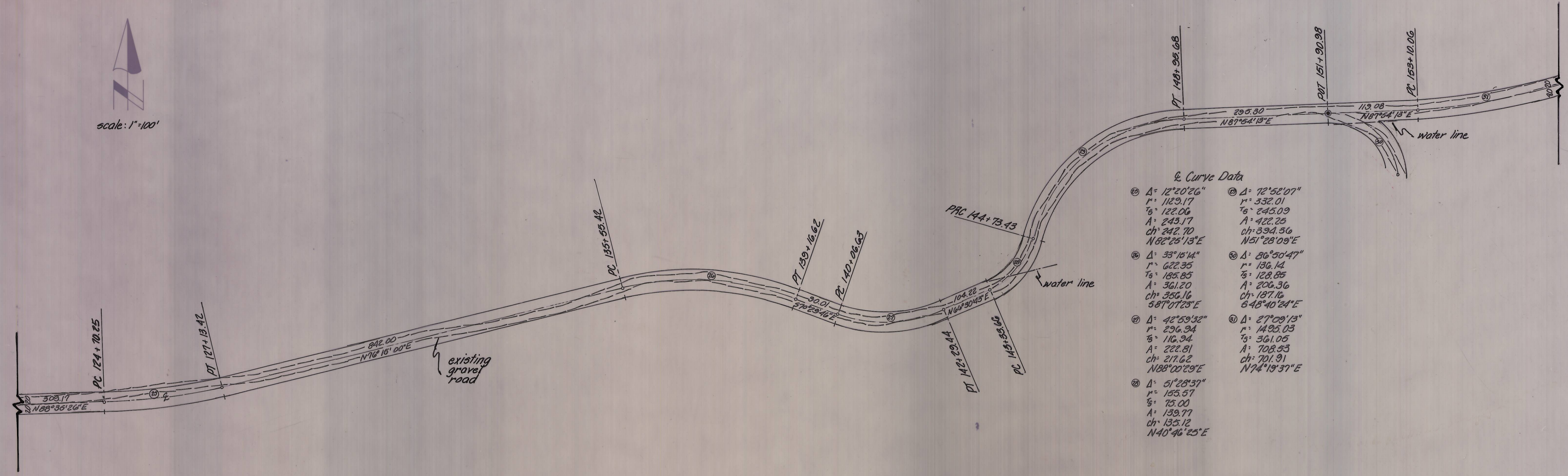
Sheet 4 of 6



scale: 1"=100'

PLAN  
 SURVEYED, PLANNED, CHECKED, & A.S. NOTED.  
 NOTE BOOK No. \_\_\_\_\_  
 PLANNING CHECKED  
 RECORD CHECKED  
 NO. OF WAY ORDERED

PROFILE  
 SURVEYED, PLANNED, CHECKED, & A.S. NOTED.  
 NOTE BOOK No. \_\_\_\_\_  
 PLANNING CHECKED  
 RECORD CHECKED  
 NO. OF WAY ORDERED



Curve Data

① Δ: 12°20'26"	② Δ: 72°52'07"
r: 1129.17	r: 332.01
Ts: 122.06	Ts: 245.09
A: 243.17	A: 422.25
ch: 242.70	ch: 394.36
N82°25'13"E	N51°28'03"E
③ Δ: 33°15'14"	④ Δ: 86°50'47"
r: 622.35	r: 136.14
Ts: 185.85	Ts: 128.85
A: 361.20	A: 206.36
ch: 356.16	ch: 187.16
S87°07'23"E	S48°40'24"E
⑤ Δ: 42°59'32"	⑥ Δ: 27°09'13"
r: 296.94	r: 1425.03
Ts: 116.94	Ts: 361.05
A: 222.81	A: 708.53
ch: 217.62	ch: 701.91
N88°00'29"E	N74°19'37"E
⑦ Δ: 51°28'37"	
r: 155.57	
Ts: 75.00	
A: 139.77	
ch: 133.12	
N40°46'25"E	

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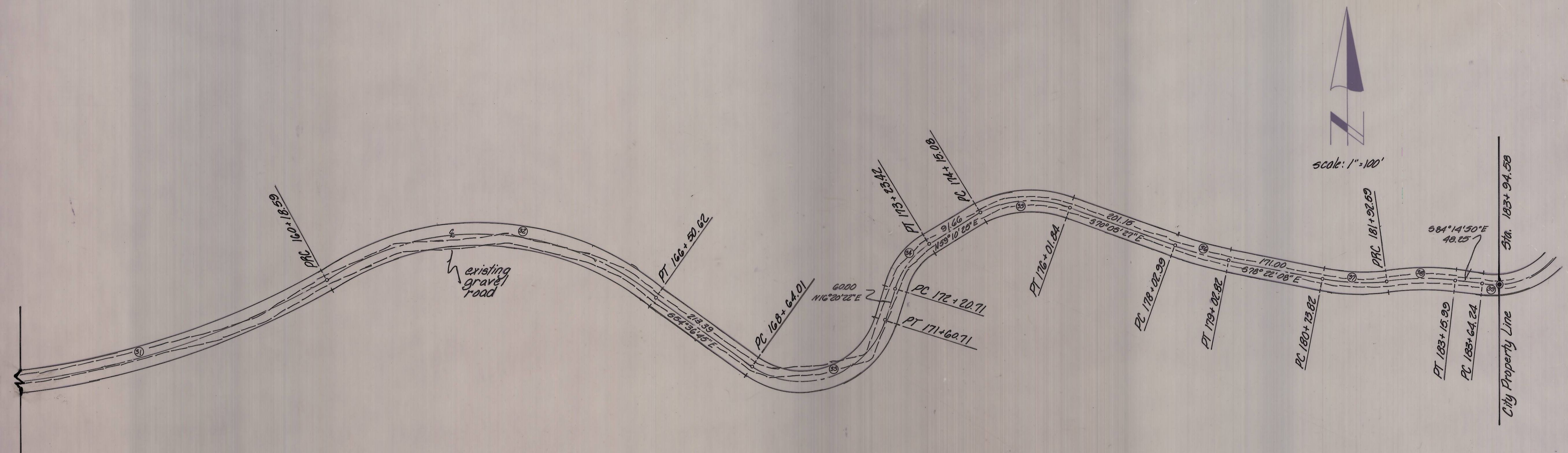
<b>KRUMBEIN ENGINEERING LTD.</b> ENGINEERS - SURVEYORS - PLANNERS 361 S.E. Second Pendleton, Oregon	Scale 1"=100'	Drn. By MLD	Drng. No. 83-25D	Revision 1 3-1-84
	Date	Ckd. By DHA	Job No. 83-105	Revision 2
Right of Way Survey County Roads 496 & 889 Sections 18, 19, 20, 21, & 22 T6N, R38E, W1M. Umatilla County, Oregon	REGISTERED PROFESSIONAL SURVEYOR David H. Krumbein 1983	Sheet 5 of 6		

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 PLAN  
 SURVEYED: \_\_\_\_\_  
 ADJUSTMENT CALCULATED: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 No. \_\_\_\_\_  
 E. OF WAY CORNER: \_\_\_\_\_

DATE: \_\_\_\_\_  
 BY: \_\_\_\_\_  
 PROFILE  
 SURVEYED: \_\_\_\_\_  
 ADJUSTMENT CALCULATED: \_\_\_\_\_  
 NOTE BOOK: \_\_\_\_\_  
 No. \_\_\_\_\_  
 E. OF WAY CORNER: \_\_\_\_\_

**Curve Data**

① Δ: 27°09'13"	⑥ Δ: 8°16'41"
r: 1455.03	r: 630.34
Ts: 361.05	Ts: 50.00
A: 708.53	A: 99.83
ch: 701.91	ch: 99.74
N74°13'37"E	S74°13'47"E
② Δ: 64°38'14"	⑦ Δ: 20°05'52"
r: 560.24	r: 338.59
Ts: 354.45	Ts: 60.00
A: 632.03	A: 118.77
ch: 593.04	ch: 118.16
S86°55'53"E	S88°26'04"E
③ Δ: 109°02'53"	⑧ Δ: 14°13'11"
r: 193.89	r: 497.23
Ts: 218.75	Ts: 62.02
A: 296.70	A: 123.40
ch: 253.91	ch: 123.09
N70°51'49"E	N88°38'36"E
④ Δ: 42°50'02"	⑨ Δ: 11°35'22"
r: 137.38	r: 150.00
Ts: 53.89	Ts: 15.22
A: 102.71	A: 30.34
ch: 100.33	ch: 30.29
N37°45'23"E	N89°57'30"E
⑤ Δ: 50°44'08"	
r: 210.91	
Ts: 100.00	
A: 186.76	
ch: 180.72	
N84°32'29"E	



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<b>KRUMBEIN ENGINEERING LTD.</b> ENGINEERS - SURVEYORS - PLANNERS 381 S.E. Second Pendleton, Oregon	Scale 1"=100'	Drn. By MLD	Drno. No. 83-25D	Revision 1 3-1-84
	Date	Ckd. By DHA	Job No. 83-105	Revision 2 3-21-84
Right of Way Survey County Roads 486 & 889 Sections 18, 19, 20, 21 & 22 T4N, R38E, W1M. Umatilla County, Oregon		David H. Krumbein David A. Krumbein	Sheet 6 of 6	