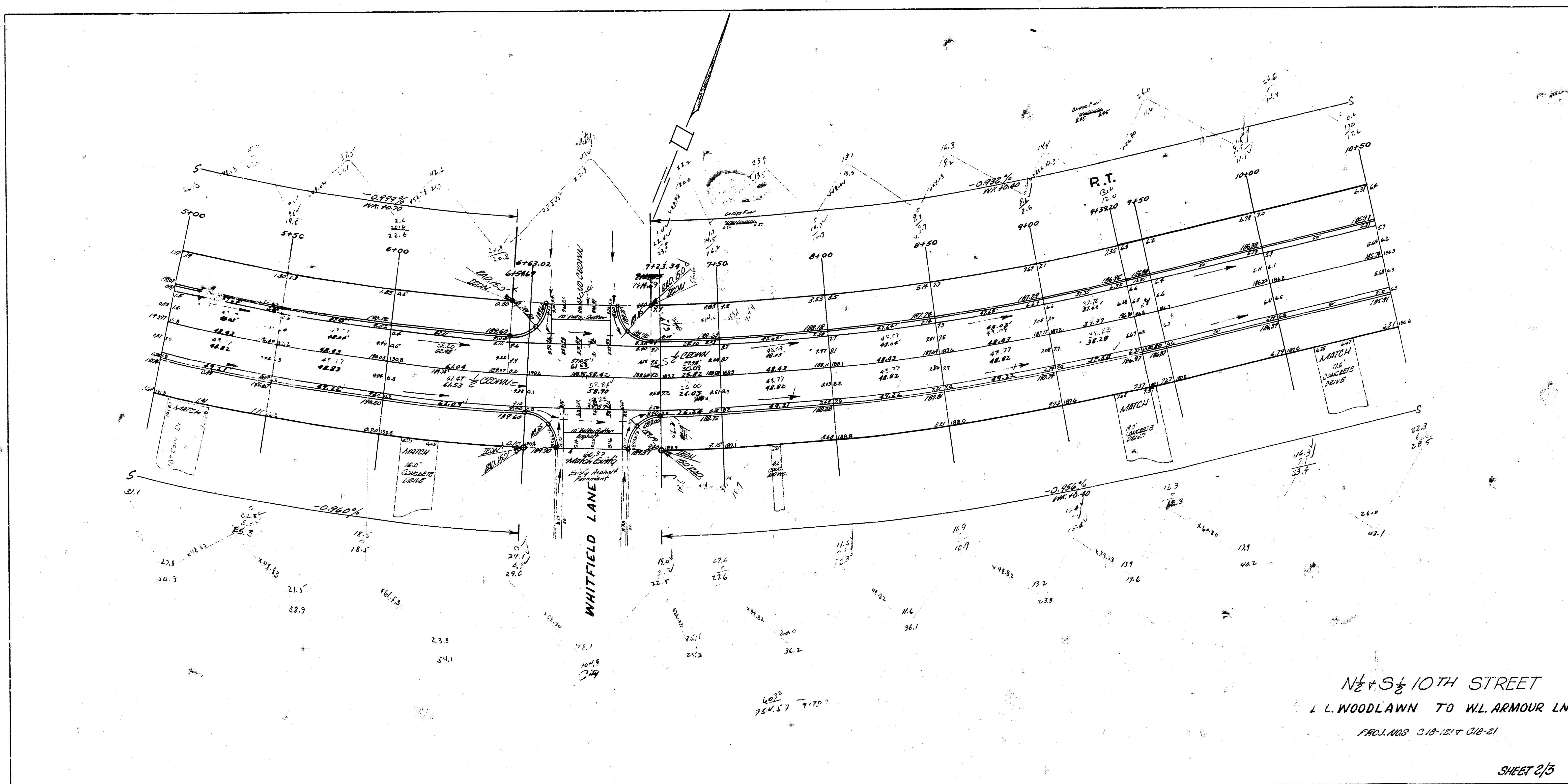


2" IN RICHIE SL 10TH STREET, WEST CURB WOODLAWN
 2" IN RICHIE SL 10TH STREET, WEST CURB WOODLAWN
 2" IN RICHIE SL 10TH STREET, WEST CURB WOODLAWN

3.552 LINE IS ON SOUTH PROPERTY LINE 10TH STREET

CURVE DATA IS BASED ON S.P.L. R= 954.67 Δ= 35°13'

STATIONING	CH. DISTANCE	CH. DISTANCE	DEF. C.	TOTAL DEF.
3+52.48	0.00	0.00	0.00	0.00
4+00.00	47.52	47.52	1.25	1.25
4+50.00	97.04	97.04	2.50	3.75
5+00.00	146.56	146.56	3.75	7.50
5+50.00	196.08	196.08	5.00	12.50
6+00.00	245.60	245.60	6.25	18.75
6+50.00	295.12	295.12	7.50	26.25
7+00.00	344.64	344.64	8.75	35.00
7+50.00	394.16	394.16	10.00	45.00
8+00.00	443.68	443.68	11.25	56.25
8+50.00	493.20	493.20	12.50	68.75
9+00.00	542.72	542.72	13.75	82.50
9+50.00	592.24	592.24	15.00	97.50
10+00.00	641.76	641.76	16.25	113.75
10+50.00	691.28	691.28	17.50	131.25
11+00.00	740.80	740.80	18.75	150.00
11+50.00	790.32	790.32	20.00	170.00
12+00.00	839.84	839.84	21.25	191.25
12+50.00	889.36	889.36	22.50	213.75
13+00.00	938.88	938.88	23.75	237.50
13+50.00	988.40	988.40	25.00	262.50
14+00.00	1037.92	1037.92	26.25	288.75
14+50.00	1087.44	1087.44	27.50	316.25
15+00.00	1136.96	1136.96	28.75	345.00
15+50.00	1186.48	1186.48	30.00	375.00
16+00.00	1236.00	1236.00	31.25	406.25
16+50.00	1285.52	1285.52	32.50	438.75
17+00.00	1335.04	1335.04	33.75	472.50
17+50.00	1384.56	1384.56	35.00	507.50
18+00.00	1434.08	1434.08	36.25	543.75
18+50.00	1483.60	1483.60	37.50	581.25
19+00.00	1533.12	1533.12	38.75	620.00
19+50.00	1582.64	1582.64	40.00	660.00
20+00.00	1632.16	1632.16	41.25	701.25
20+50.00	1681.68	1681.68	42.50	743.75
21+00.00	1731.20	1731.20	43.75	787.50
21+50.00	1780.72	1780.72	45.00	832.50
22+00.00	1830.24	1830.24	46.25	878.75
22+50.00	1879.76	1879.76	47.50	926.25
23+00.00	1929.28	1929.28	48.75	975.00
23+50.00	1978.80	1978.80	50.00	1025.00
24+00.00	2028.32	2028.32	51.25	1076.25
24+50.00	2077.84	2077.84	52.50	1128.75
25+00.00	2127.36	2127.36	53.75	1182.50
25+50.00	2176.88	2176.88	55.00	1237.50
26+00.00	2226.40	2226.40	56.25	1293.75
26+50.00	2275.92	2275.92	57.50	1351.25
27+00.00	2325.44	2325.44	58.75	1410.00
27+50.00	2374.96	2374.96	60.00	1470.00
28+00.00	2424.48	2424.48	61.25	1531.25
28+50.00	2474.00	2474.00	62.50	1593.75
29+00.00	2523.52	2523.52	63.75	1657.50
29+50.00	2573.04	2573.04	65.00	1722.50
30+00.00	2622.56	2622.56	66.25	1788.75
30+50.00	2672.08	2672.08	67.50	1856.25
31+00.00	2721.60	2721.60	68.75	1925.00
31+50.00	2771.12	2771.12	70.00	1995.00
32+00.00	2820.64	2820.64	71.25	2066.25
32+50.00	2870.16	2870.16	72.50	2138.75
33+00.00	2919.68	2919.68	73.75	2212.50
33+50.00	2969.20	2969.20	75.00	2287.50
34+00.00	3018.72	3018.72	76.25	2363.75
34+50.00	3068.24	3068.24	77.50	2441.25
35+00.00	3117.76	3117.76	78.75	2520.00
35+50.00	3167.28	3167.28	80.00	2600.00
36+00.00	3216.80	3216.80	81.25	2681.25
36+50.00	3266.32	3266.32	82.50	2763.75
37+00.00	3315.84	3315.84	83.75	2847.50
37+50.00	3365.36	3365.36	85.00	2932.50
38+00.00	3414.88	3414.88	86.25	3018.75
38+50.00	3464.40	3464.40	87.50	3106.25
39+00.00	3513.92	3513.92	88.75	3195.00
39+50.00	3563.44	3563.44	90.00	3285.00
40+00.00	3612.96	3612.96	91.25	3376.25
40+50.00	3662.48	3662.48	92.50	3468.75
41+00.00	3712.00	3712.00	93.75	3562.50
41+50.00	3761.52	3761.52	95.00	3657.50
42+00.00	3811.04	3811.04	96.25	3753.75
42+50.00	3860.56	3860.56	97.50	3851.25
43+00.00	3910.08	3910.08	98.75	3950.00
43+50.00	3959.60	3959.60	100.00	4050.00
44+00.00	4009.12	4009.12	101.25	4151.25
44+50.00	4058.64	4058.64	102.50	4253.75
45+00.00	4108.16	4108.16	103.75	4357.50
45+50.00	4157.68	4157.68	105.00	4462.50
46+00.00	4207.20	4207.20	106.25	4568.75
46+50.00	4256.72	4256.72	107.50	4676.25
47+00.00	4306.24	4306.24	108.75	4785.00
47+50.00	4355.76	4355.76	110.00	4895.00
48+00.00	4405.28	4405.28	111.25	5006.25
48+50.00	4454.80	4454.80	112.50	5118.75
49+00.00	4504.32	4504.32	113.75	5232.50
49+50.00	4553.84	4553.84	115.00	5347.50
50+00.00	4603.36	4603.36	116.25	5463.75
50+50.00	4652.88	4652.88	117.50	5581.25
51+00.00	4702.40	4702.40	118.75	5700.00
51+50.00	4751.92	4751.92	120.00	5820.00
52+00.00	4801.44	4801.44	121.25	5941.25
52+50.00	4850.96	4850.96	122.50	6063.75
53+00.00	4900.48	4900.48	123.75	6187.50
53+50.00	4949.60	4949.60	125.00	6312.50
54+00.00	4998.72	4998.72	126.25	6438.75
54+50.00	5047.84	5047.84	127.50	6566.25
55+00.00	5096.96	5096.96	128.75	6695.00
55+50.00	5146.08	5146.08	130.00	6825.00
56+00.00	5195.20	5195.20	131.25	6956.25
56+50.00	5244.32	5244.32	132.50	7088.75
57+00.00	5293.44	5293.44	133.75	7222.50
57+50.00	5342.56	5342.56	135.00	7357.50
58+00.00	5391.68	5391.68	136.25	7493.75
58+50.00	5440.80	5440.80	137.50	7631.25
59+00.00	5489.92	5489.92	138.75	7770.00
59+50.00	5539.04	5539.04	140.00	7910.00
60+00.00	5588.16	5588.16	141.25	8051.25
60+50.00	5637.28	5637.28	142.50	8193.75
61+00.00	5686.40	5686.40	143.75	8337.50
61+50.00	5735.52	5735.52	145.00	8482.50
62+00.00	5784.64	5784.64	146.25	8628.75
62+50.00	5833.76	5833.76	147.50	8776.25
63+00.00	5882.88	5882.88	148.75	8925.00
63+50.00	5932.00	5932.00	150.00	9075.00
64+00.00	5981.12	5981.12	151.25	9226.25
64+50.00	6030.24	6030.24	152.50	9378.75
65+00.00	6079.36	6079.36	153.75	9532.50
65+50.00	6128.48	6128.48	155.00	9687.50
66+00.00	6177.60	6177.60	156.25	9843.75
66+50.00	6226.72	6226.72	157.50	10001.25
67+00.00	6275.84	6275.84	158.75	10160.00
67+50.00	6324.96	6324.96	160.00	10320.00
68+00.00	6374.08	6374.08	161.25	10481.25
68+50.00	6423.20	6423.20	162.50	10643.75
69+00.00	6472.32	6472.32	163.75	10807.50
69+50.00	6521.44	6521.44	165.00	10972.50
70+00.00	6570.56	6570.56	166.25	11138.75
70+50.00	6619.68	6619.68	167.50	11306.25
71+00.00	6668.80	6668.80	168.75	11475.00
71+50.00	6717.92	6717.92	170.00	11645.00
72+00.00	6767.04	6767.04	171.25	11816.25
72+50.00	6816.16	6816.16	172.50	11988.75
73+00.00	6865.28	6865.28	173.75	12162.50
73+50.00	6914.40	6914.40	175.00	12337.50
74+00.00	6963.52	6963.52	176.25	12513.75
74+50.00	7012.64	7012.64	177.50	12691.25
75+00.00	7061.76	7061.76	178.75	12870.00
75+50.00	7110.88	7110.88	180.00	13050.00
76+00.00	7159.60	7159.60	181.25	13231.25
76+50.00	7208.72	7208.72	182.50	13413.75
77+00.00	7257.84	7257.84	183.75	13597.50
77+50.00	7306.96	7306.96	185.00	13782.50
78+00.00	7356.08	7356.08	186.25	13968.75
78+50.00	7405.20	7405.20	187.50	14156.25
79+00.00	7454.32	7454.32	188.75	14345.00
79+50.00	7503.44	7503.44	190.00	14535.00
80+00.00	7552.56	7552.56	191.25	14726.25
80+50.00	7601.68	7601.68	192.50	14918.75
81+00.00	7650.80	7650.80	193.75	15112.50
81+50.00	7699.92	7699.92	195.00	15307.50
82+00.00	7749.04	7749.04	196.25	15503.75
82+50.00	7798.16	7798.16	197.50	15701.25
83+00.00	7847.28	7847.28	198.75	15900.00
83+50.00	7896.40	7896.40	200.00	16100.00
84+00.00	7945.52	7945.52	201.25	16301.25
84+50.00	7994.64	7994.64	202.50	16503.75
85+00.00	8043.76	8043.76	203.75	16707.50
85+50.00	8092.88	8092.88	205.00	16912.50
86+00.00	8142.00	8142.00	206.25	17118.75
86+50.00	8191.12	8191.12	207.50	17326.25
87+00.00	8240.24	8240.24	208.75	17535.00
87+50.00	8289.36	8289.36	210.00	17745.00
88+00.00	8338.48	8338.48	211.25	17956.25
88+50.00	8387.60	8387.60	212.50	18168.75
89+00.00	8436.72	8436.72	213.75	18382.50
89+50.00	8485.84	8485.84	215.00	18597.50
90+00.00	8534.96	8534.96	216.25	18813.75
90+50.00	8584.08	8584.08	217.50	19031.25
91+00.00	8633.20	8633.20	218.75	19250.00
91+50.00	8682.32	8682.32	220.00	19470.00
92+00.00	8731.44	8731.44	221.25	19691.25
92+50.00	8780.56	8780.56	222.50	19913.75
93+00.00	8829.68	8829.68	223.75	20137.50
93+50.00	8878.80	8878.80	225.00	20362.50
94+00.00	8927.92	8927.92	226.25	20588.75
94+50.00	8977.04	8977.04	227.50	20816.25
95+00.00	9026.16	9026.16	228.75	21045.00
95+50.00	9075.28	9075.28	230.00	21275.00
96+00.00	9124.40	9124.40	231.25	21506.25
96+50.00	9173.52	9173.52	232.50	21738.75
97+00.00	9222.64	9222.64	233.75	21972.50
97+50.00	927			

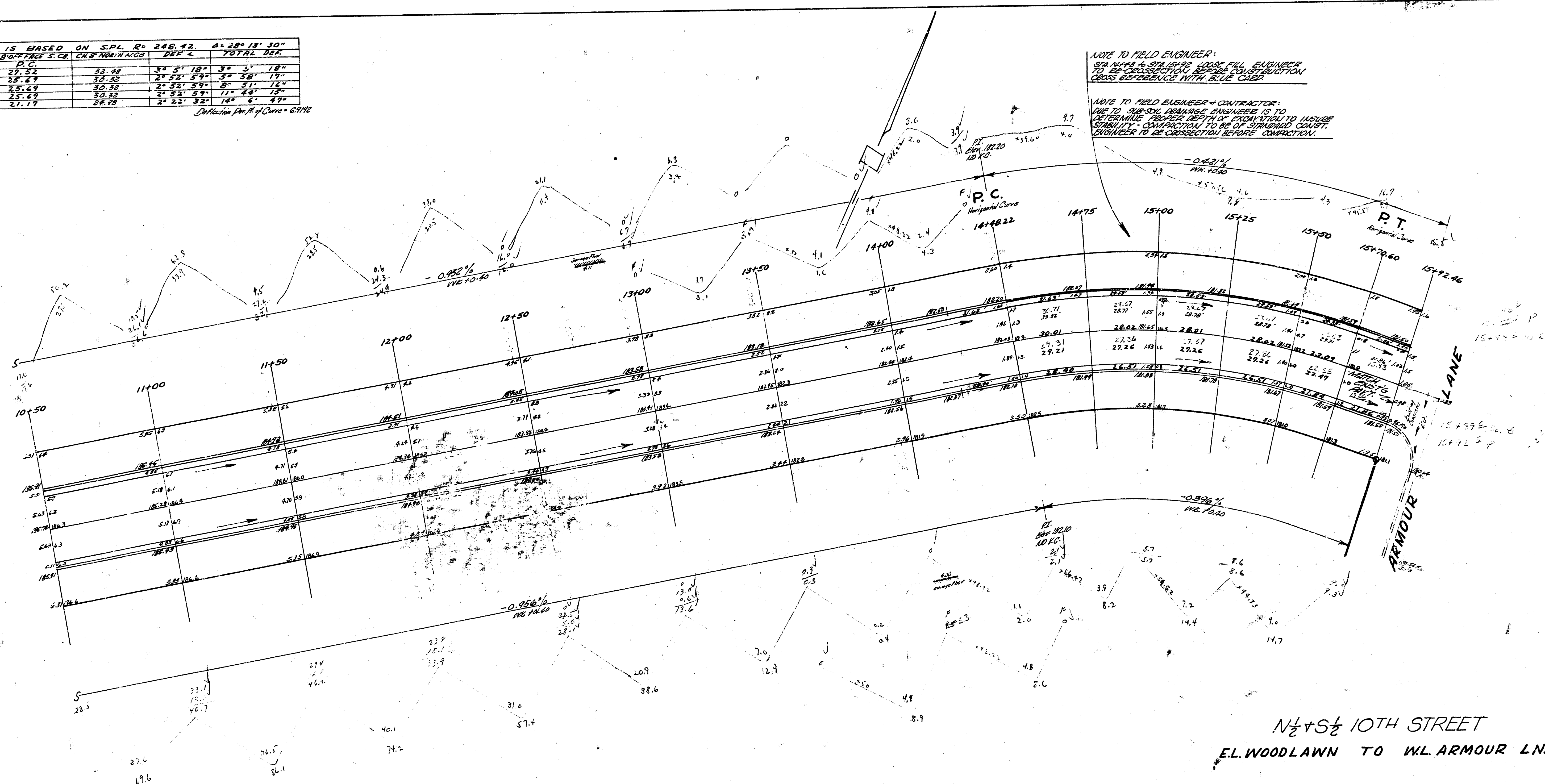


CURVE DATA IS BASED ON S.P.L. R=248.42, A=28°13'30"				
STATIONING	CHORD	CHORD BEARING	DEF. L	TOTAL DEF.
14+00.00	10.00	3° 51' 18"	5"	18"
14+25.00	25.00	3° 51' 18"	5"	18"
14+50.00	50.00	3° 51' 18"	5"	18"
14+75.00	75.00	3° 51' 18"	5"	18"
15+00.00	100.00	3° 51' 18"	5"	18"
15+25.00	125.00	3° 51' 18"	5"	18"
15+50.00	150.00	3° 51' 18"	5"	18"
15+75.00	175.00	3° 51' 18"	5"	18"
16+00.00	200.00	3° 51' 18"	5"	18"

Deflection Per 100' of Curve = 6.97"

NOTE TO FIELD ENGINEER:
BEFORE CONSTRUCTION, BASED ON THE
DESIGN OF THE CURVE WITH 5% GRADE

NOTE TO FIELD ENGINEER - CONTRACTOR:
DUE TO THE SOIL BEING ENGINEER IS TO
DETERMINE PROPER DEPTH OF STABILIZATION TO INSURE
STABILITY. CONTRACTOR TO BE OF STABILIZED SOIL
ENGINEER TO BE CONSTRUCTION BEFORE CONSTRUCTION.



N 1/2 S 1/2 10TH STREET
E.L. WOODLAWN TO W.L. ARMOUR LN.

SHEET 3/5