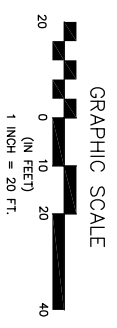


# RECORD DRAWING

## 1/9/2008 MLT



**CURVE TABLE BASED ON CL RADIUS**

STATION	CL	CHORD LENGTH	B. LT.	B. RT.	DEFLECTION	DEFLECTION	TOTAL
25+25.00	1.98'	00.78'	1.98'	3.18'	1.51.35"	1.51.35"	
25+25.00	00.00'	00.00'	00.00'	00.00'	1.51.35"	1.51.35"	
25+25.00	1.38'	00.54'	1.38'	2.22'	1.17.46"	3.9.21"	
25+50.00	23.62'	9.06'	23.03'	37.01'	2.271.8"	28.20.50"	
25+70.93 P.T.	20.93'	8.07'	20.52'	32.97'	1.93.9.50"	45.07.0"	
DEFLECTION/FOOT = 0.939275074 DEGREES							
A = 90°0'0" L = 14.92' R = 9.50' T = 9.50'							

**CURVE TABLE BASED ON CL RADIUS**

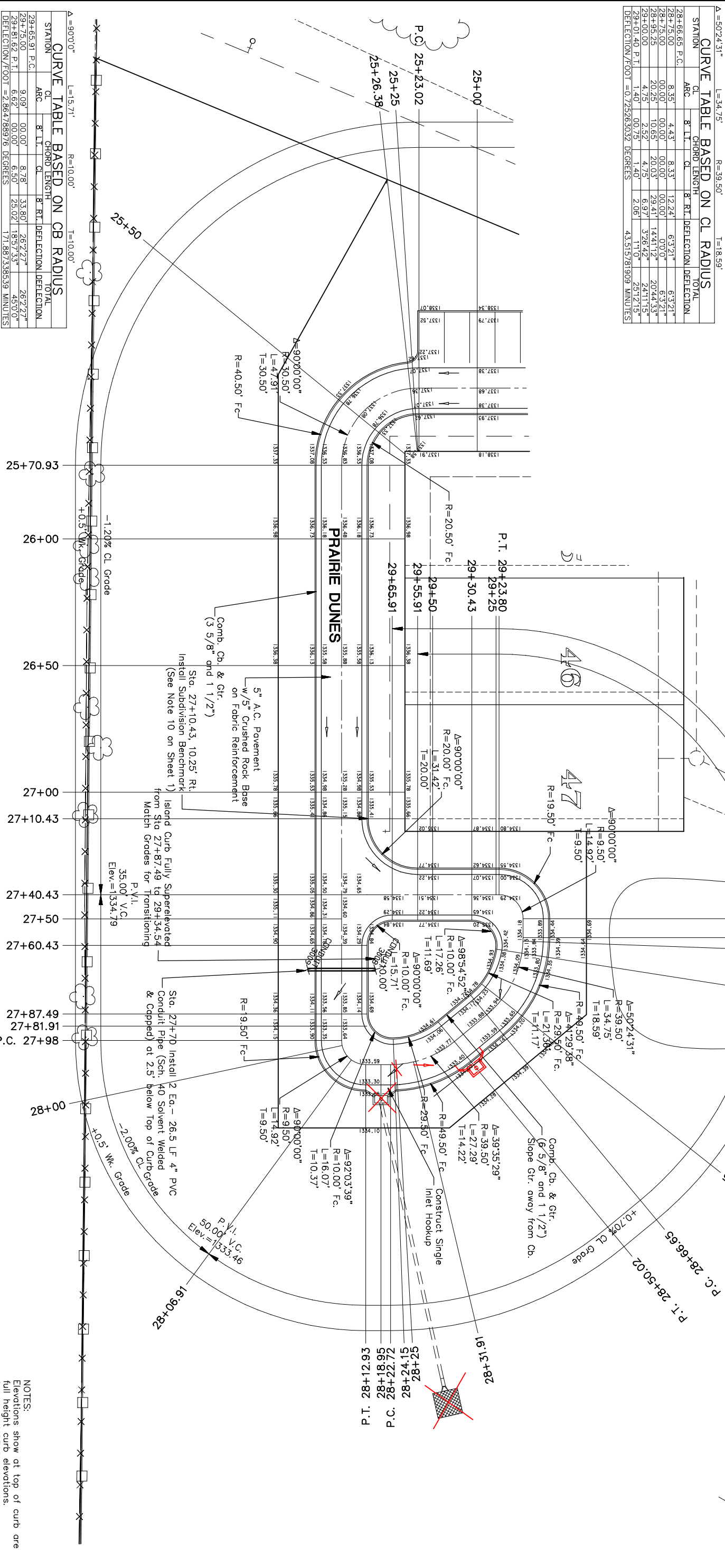
STATION	CL	CHORD LENGTH	B. LT.	B. RT.	DEFLECTION	DEFLECTION	TOTAL
27+98.00 P.C.	2.00'	1.89'	2.00'	5.88'	6.71.52"	6.71.52"	
28+00.00	6.91'	6.40'	6.76'	19.92'	20.50.15"	26.52.7"	
28+12.92 P.T.	6.01'	5.60'	5.91'	17.43'	18.7.53"	45.07.0"	
DEFLECTION/FOOT = 3.015567343 DEGREES							
A = 50°24'31" L = 34.75' R = 39.50' T = 18.59'							

**CURVE TABLE BASED ON CL RADIUS**

STATION	CL	CHORD LENGTH	B. LT.	B. RT.	DEFLECTION	DEFLECTION	TOTAL
28+66.65 P.C.	8.35'	4.43'	8.33'	12.24'	6.3.21"	6.3.21"	
28+75.00	00.00'	00.00'	00.00'	00.00'	6.3.21"	6.3.21"	
28+95.25	20.25'	10.65'	20.03'	29.41'	14.41.12"	20.44.33"	
29+00.00	4.75'	2.52'	4.75'	6.97'	3.26.42"	24.11.15"	
29+01.40 P.T.	1.40'	00.75'	1.40'	2.06'	1.11.0"	25.12.15"	
DEFLECTION/FOOT = 0.725263032 DEGREES							
A = 90°0'0" L = 14.92' R = 9.50' T = 9.50'							

**CURVE TABLE BASED ON CL RADIUS**

STATION	CL	CHORD LENGTH	B. LT.	B. RT.	DEFLECTION	DEFLECTION	TOTAL
28+22.72 P.C.	1.43'	00.76'	1.43'	2.10'	1.27.14"	1.27.14"	
28+25.00	00.85'	00.45'	00.85'	1.25'	0.36.59"	1.39.13"	
28+25.00	00.00'	00.00'	00.00'	00.00'	1.39.13"	1.39.13"	
28+31.91	6.91'	3.67'	6.90'	10.13'	5.07.42"	6.39.55"	
28+50.00	18.09'	9.53'	17.93'	26.33'	1.37.12"	19.47.7"	
28+50.01 P.T.	00.01'	00.01'	00.01'	00.02'	0.0.38"	19.47.45"	
DEFLECTION/FOOT = 0.725263032 DEGREES							
A = 90°0'0" L = 14.92' R = 9.50' T = 9.50'							



**CURVE TABLE BASED ON CB RADIUS**

STATION	CL	CHORD LENGTH	B. LT.	B. RT.	DEFLECTION	DEFLECTION	TOTAL
29+65.91 P.C.	9.09'	00.00'	8.78'	33.80'	26.2.27"	26.2.27"	
29+75.00	00.00'	00.00'	00.00'	00.00'	26.2.27"	26.2.27"	
29+81.62 P.T.	6.62'	6.50'	6.50'	25.02'	18.57.33"	45.07.0"	
DEFLECTION/FOOT = 2.86478976 DEGREES							
A = 98°54'52" L = 17.26' R = 10.00' T = 11.69'							

**CURVE TABLE BASED ON CB RADIUS**

STATION	CL	CHORD LENGTH	B. LT.	B. RT.	DEFLECTION	DEFLECTION	TOTAL
28+66.65 P.C.	8.35'	00.00'	8.32'	16.36'	8.6.32"	8.6.32"	
28+75.00	00.00'	00.00'	00.00'	00.00'	8.6.32"	8.6.32"	
28+88.01 P.T.	13.01'	12.91'	12.91'	29.38'	12.38.17"	20.74.49"	
DEFLECTION/FOOT = 0.97114907 DEGREES							
A = 41°29'38" L = 21.36' R = 29.50' T = 11.17'							

**CURVE TABLE BASED ON CB RADIUS**

STATION	CL	CHORD LENGTH	B. LT.	B. RT.	DEFLECTION	DEFLECTION	TOTAL
27+87.49 P.C.	12.51'	00.00'	11.71'	45.08'	35.50.19"	35.50.19"	
28+05.96 P.T.	3.56'	00.00'	3.54'	10.11.31'	10.11.31"	46.1.50"	
DEFLECTION/FOOT = 2.86478976 DEGREES							
A = 92°3'39" L = 16.07' R = 10.00' T = 10.37'							

**CURVE TABLE BASED ON CB RADIUS**

STATION	CL	CHORD LENGTH	B. LT.	B. RT.	DEFLECTION	DEFLECTION	TOTAL
27+87.49 P.C.	12.51'	00.00'	11.71'	45.08'	35.50.19"	35.50.19"	
28+05.96 P.T.	3.56'	00.00'	3.54'	10.11.31'	10.11.31"	46.1.50"	
DEFLECTION/FOOT = 2.86478976 DEGREES							
A = 92°3'39" L = 16.07' R = 10.00' T = 10.37'							

No.	Street and Station	From CL	Top of Curb (S), at End of Return	Elevation
6	Prairie Dunes, 27+10.43	10.25' (S)		1335.16

NOTES:  
 Elevations show at top of curb are full height curb elevations. Subtract 0.25 for roll curb elevations.  
 Grade from top of curb to existing ground when curb is not adjacent to proposed lots. Ensure that grades do not cause water to pond in these areas.

**CURVE TABLE BASED ON CB RADIUS**

STATION	CL	CHORD LENGTH	B. LT.	B. RT.	DEFLECTION	DEFLECTION	TOTAL
28+95.25 P.C.	4.75'	00.00'	4.71'	13.36.28"	13.36.28"		
29+00.00	00.00'	00.00'	00.00'	13.36.28"	13.36.28"		
29+12.51 P.T.	12.51'	11.71'	11.71'	45.10'	35.50.58"	49.27.26"	
DEFLECTION/FOOT = 2.86478976 DEGREES							
A = 98°54'52" L = 17.26' R = 10.00' T = 11.69'							

**CURVE TABLE BASED ON CB RADIUS**

STATION	CL	CHORD LENGTH	B. LT.	B. RT.	DEFLECTION	DEFLECTION	TOTAL
28+66.65 P.C.	8.35'	00.00'	8.32'	16.36'	8.6.32"	8.6.32"	
28+75.00	00.00'	00.00'	00.00'	00.00'	8.6.32"	8.6.32"	
28+88.01 P.T.	13.01'	12.91'	12.91'	29.38'	12.38.17"	20.74.49"	
DEFLECTION/FOOT = 0.97114907 DEGREES							
A = 41°29'38" L = 21.36' R = 29.50' T = 11.17'							

**CURVE TABLE BASED ON CB RADIUS**

STATION	CL	CHORD LENGTH	B. LT.	B. RT.	DEFLECTION	DEFLECTION	TOTAL
27+87.49 P.C.	12.51'	00.00'	11.71'	45.08'	35.50.19"	35.50.19"	
28+05.96 P.T.	3.56'	00.00'	3.54'	10.11.31'	10.11.31"	46.1.50"	
DEFLECTION/FOOT = 2.86478976 DEGREES							
A = 92°3'39" L = 16.07' R = 10.00' T = 10.37'							

**CURVE TABLE BASED ON CB RADIUS**

STATION	CL	CHORD LENGTH	B. LT.	B. RT.	DEFLECTION	DEFLECTION	TOTAL
27+87.49 P.C.	12.51'	00.00'	11.71'	45.08'	35.50.19"	35.50.19"	
28+05.96 P.T.	3.56'	00.00'	3.54'	10.11.31'	10.11.31"	46.1.50"	
DEFLECTION/FOOT = 2.86478976 DEGREES							
A = 92°3'39" L = 16.07' R = 10.00' T = 10.37'							

No.	Street and Station	From CL	Top of Curb (S), at End of Return	Elevation
6	Prairie Dunes, 27+10.43	10.25' (S)		1335.16

**FINAL**

Designed By: J. Dickman  
 Drawn By: M. Tucker  
 Poe Job No.: 1809B  
 Date: April 2007

**POE & ASSOCIATES, INC.**  
 CONSULTING ENGINEERS  
 5940 E. Central, Suite 200 ■ Wichita, KS 67208-4242  
 Phone 316/685-4114 ■ FAX 316/685-4444

TERRADYNE WEST ADDITION  
 STREET IMPROVEMENTS  
 PRAIRIE DUNES  
 CITY OF WICHITA, KANSAS  
 JAMES L. ARMOUR, P.E. - CITY ENGINEER  
 Private Project # 179PPP O.C.A. # 607879

No.	Date	By	Approved	Revision
1				
2				
3				
4				