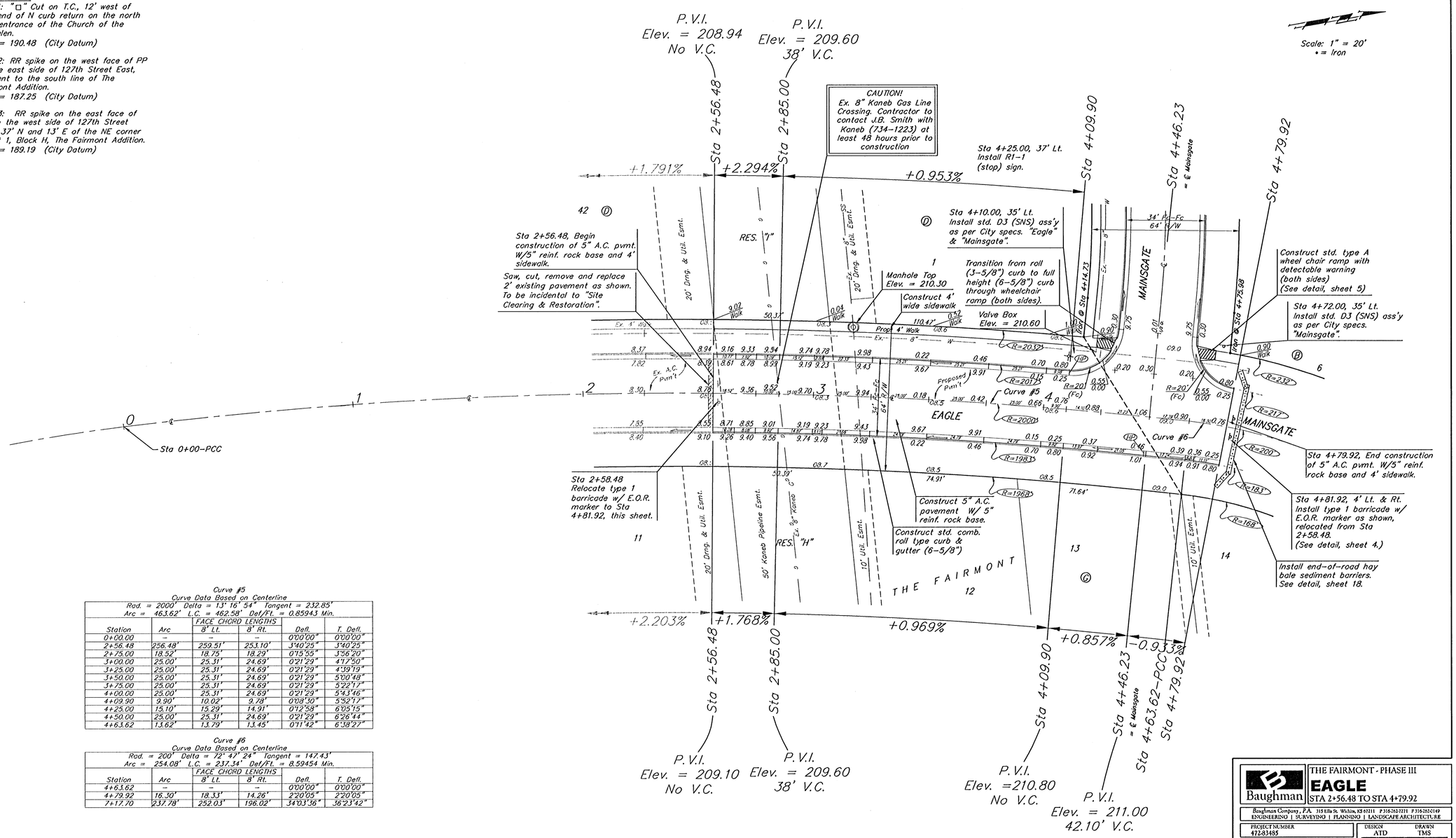
BENCHMARKS:

BM #1: "□" Cut on T.C., 12' west of east end of N curb return on the north drive entrance of the Church of the Magdalen.
Elev. = 190.48 (City Datum)

BM #2: RR spike on the west face of PP on the east side of 127th Street East, adjacent to the south line of The Fairmont Addition.
Elev. = 187.25 (City Datum)

BM #3: RR spike on the east face of PP on the west side of 127th Street East, 37' N and 13' E of the NE corner of Lot 1, Block H, The Fairmont Addition.
Elev. = 189.19 (City Datum)



Curve #5
Curve Data Based on Centerline
Rad. = 2000' Delta = 13° 16' 54" Tangent = 232.85'
Arc = 463.62' L.C. = 462.58' Def/Ft. = 0.85943 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+00.00	–	–	–	0°00'00"	0°00'00"
2+56.48	256.48'	259.51'	253.10'	3°40'25"	3°40'25"
2+75.00	18.52'	18.75'	18.29'	0°15'55"	3°56'20"
3+00.00	25.00'	25.31'	24.69'	0°21'29"	4°17'50"
3+25.00	25.00'	25.31'	24.69'	0°21'29"	4°39'19"
3+50.00	25.00'	25.31'	24.69'	0°21'29"	5°00'48"
3+75.00	25.00'	25.31'	24.69'	0°21'29"	5°22'17"
4+00.00	25.00'	25.31'	24.69'	0°21'29"	5°43'46"
4+09.90	9.90'	10.02'	9.78'	0°08'30"	5°52'17"
4+25.00	15.10'	15.29'	14.91'	0°12'58"	6°05'15"
4+50.00	25.00'	25.31'	24.69'	0°21'29"	6°26'44"
4+63.62	13.62'	13.79'	13.45'	0°11'42"	6°38'27"

Curve #6
Curve Data Based on Centerline
Rad. = 200' Delta = 72° 47' 24" Tangent = 147.43'
Arc = 254.08' L.C. = 237.34' Def/Ft. = 8.59454 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
4+63.62	–	–	–	0°00'00"	0°00'00"
4+79.92	16.30'	18.33'	14.26'	2°20'05"	2°20'05"
7+17.70	237.78'	252.03'	196.02'	34°03'36"	36°23'42"

Baughman

THE FAIRMONT - PHASE III
EAGLE
STA 2+56.48 TO STA 4+79.92

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 3162632221 F 3162626149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER	DESIGN	DRAWN
472-83485	ATD	TMS
REVISIONS:	APPROVED	DATE 09/05
	SCALE Noted	
	SHEET 10 OF 27	

Fairmont\Phase III\Sht1 04-04-E871