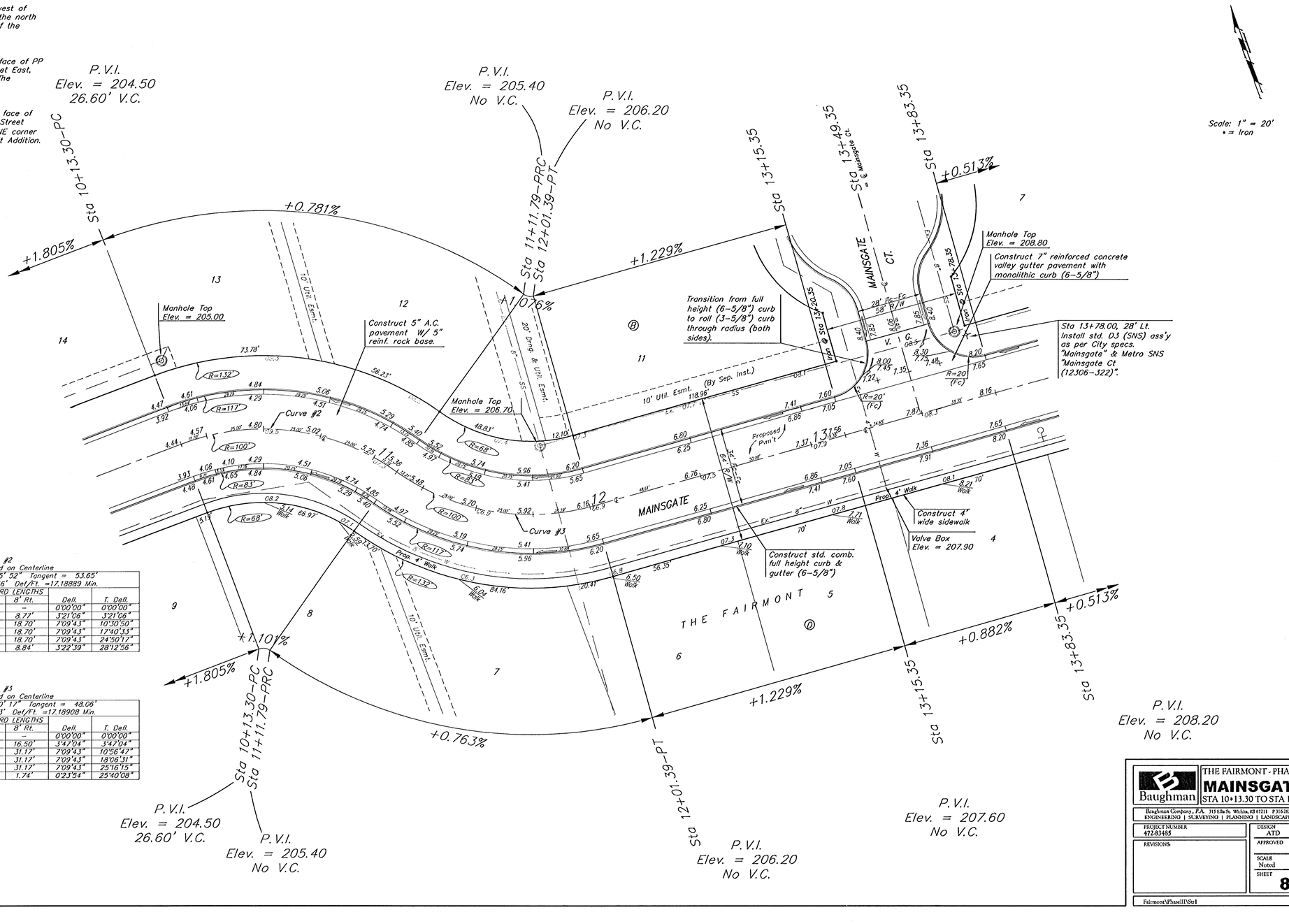
BENCHMARKS:

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 #2
Curve Data Based on Centerline
Rad. = 100' Delta = 56° 25' 52" Tangent = 53.65'
Arc = 98.49' L.C. = 94.56' Def/Ft. =17.18889 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
10+13.30	–	–	–	0°00'00"	0°00'00"
10+25.00	11.70'	14.62'	8.77'	3°21'06"	3°21'06"
10+50.00	25.00'	31.17'	18.70'	7°09'43"	10°30'50"
10+75.00	25.00'	31.17'	18.70'	7°09'43"	17°40'33"
11+00.00	25.00'	31.17'	18.70'	7°09'43"	24°50'17"
11+11.79	11.79'	14.73'	8.84'	3°22'39"	28°12'56"

Curve #3
Curve Data Based on Centerline
Rad. = 100' Delta = 51° 20' 17" Tangent = 48.06'
Arc = 89.6' L.C. = 86.63' Def/Ft. =17.18908 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
11+11.79	–	–	–	0°00'00"	0°00'00"
11+25.00	13.21'	9.90'	16.50'	3°47'04"	3°47'04"
11+50.00	25.00'	18.70'	31.17'	7°09'43"	10°56'47"
11+75.00	25.00'	18.70'	31.17'	7°09'43"	18°06'31"
12+00.00	25.00'	18.70'	31.17'	7°09'43"	25°16'15"
12+01.39	1.39'	1.04'	1.74'	0°23'54"	25°40'08"

Baughman	THE FAIRMONT - PHASE III **MAINSGATE** STA 10+13.30 TO STA 13+83.35
Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 3162632271 F 3162652149 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE	
PROJECT NUMBER 472.83485	DESIGN ATD / DRAWN TMS
REVISIONS	APPROVED / DATE 09/05
	SCALE Noted
	SHEET **8** OF **27**
Fairmont\Phaseiii\Str1	04-04-E871