

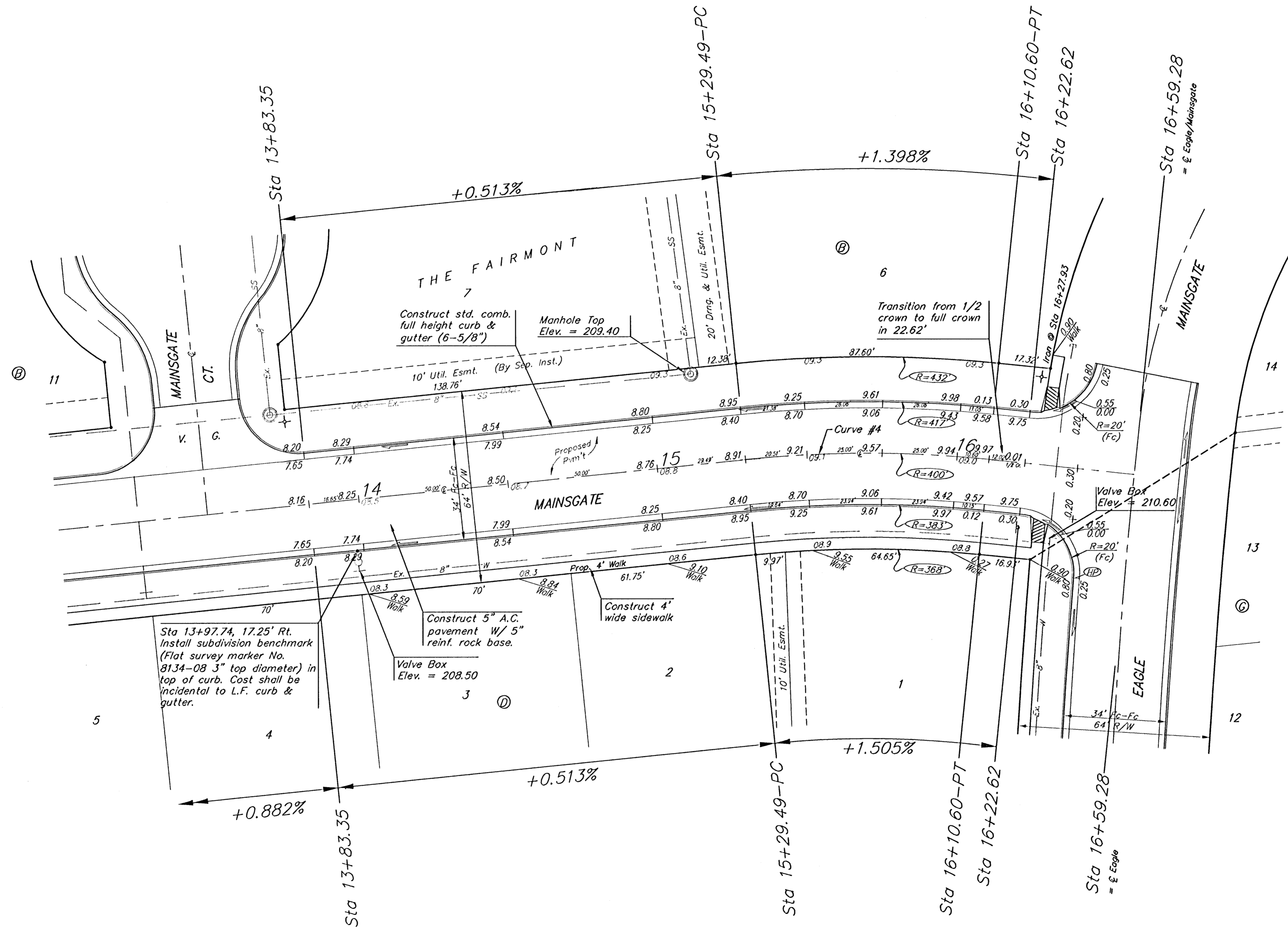
**BENCHMARKS:**  
 BM #1: "□" Cut on T.C., 12' west of east end of N curb return on the north drive entrance of the Church of the Magdalen.  
 Elev. = 190.48 (City Datum)

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)

P.V.I.  
 Elev. = 208.95  
 No V.C.

Scale: 1" = 20'  
 • = Iron



Curve #4  
 Curve Data Based on Centerline  
 Rad. = 400' Delta = 11° 37'08" Tangent = 40.70'  
 Arc = 81.11' L.C. = 80.99' Def./Ft. = 4.29746 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
15+29.49	-	-	-	0°00'00"	0°00'00"
15+50.00	20.51'	21.79'	19.23'	1°28'08"	1°28'08"
15+75.00	25.00'	26.56'	23.44'	1°47'26"	3°15'34"
16+00.00	25.00'	26.56'	23.44'	1°47'26"	5°03'01"
16+10.60	10.60'	11.26'	9.94'	0°45'33"	5°48'34"

P.V.I.  
 Elev. = 208.20  
 No V.C.

P.V.I.  
 Elev. = 208.95  
 No V.C.

	THE FAIRMONT - PHASE III	
	<b>MAINSGATE</b>	
STA 13+83.35 TO STA 16+59.28		
Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 F316282771 F3162820149		
ENGINEERING   SURVEYING   PLANNING   LANDSCAPE ARCHITECTURE		
PROJECT NUMBER 472-83485	DESIGN ATD	DRAWN TMS
REVISIONS:	APPROVED	DATE 09/05
	SCALE Noted	
	SHEET	<b>9 OF 27</b>
Fairmont\PhaseIII\Sr1		0404-E871