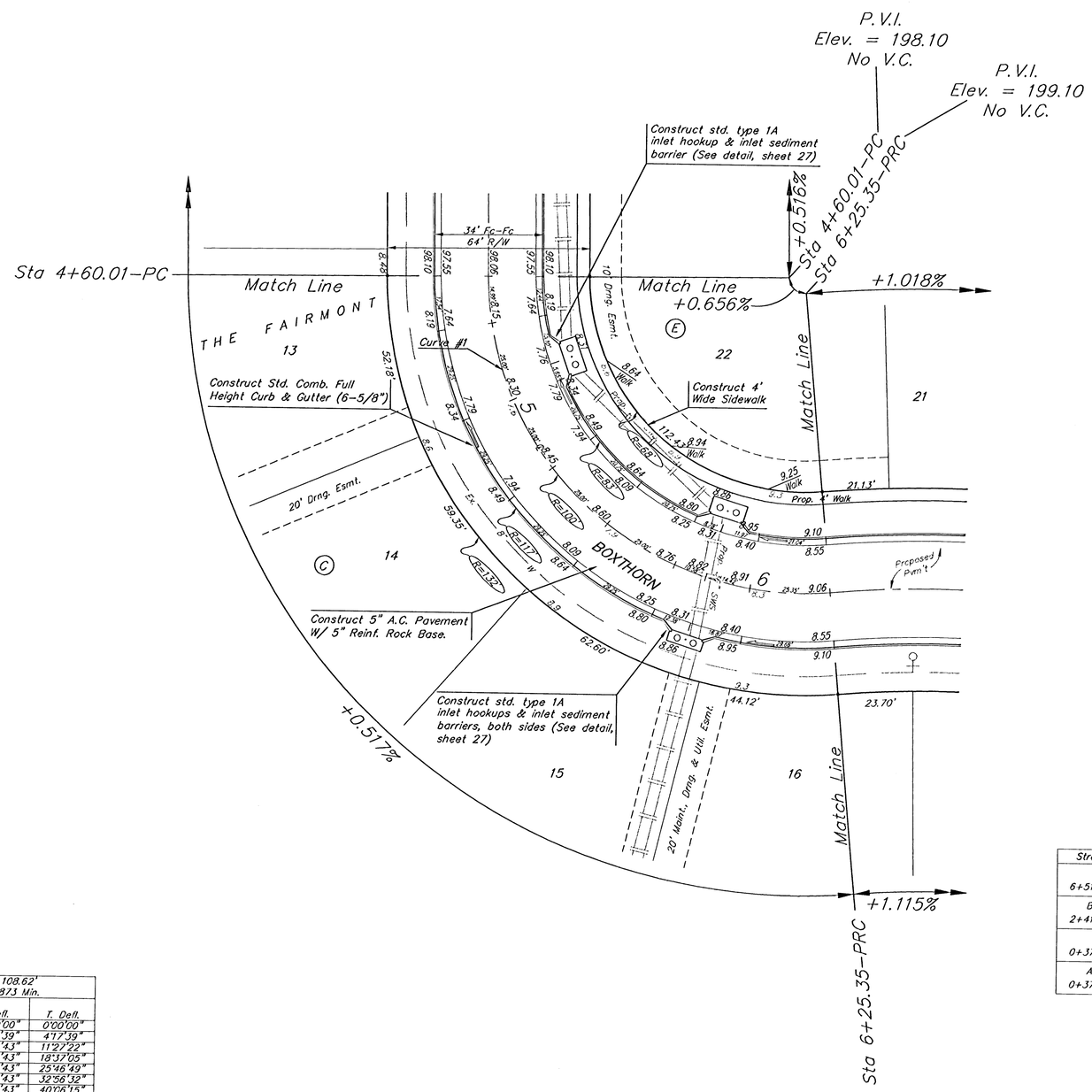
BENCHMARKS:

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 1.3' E of the NE corner of Lot 1, Block H, The Fairmont Addition.
Elev. = 189.19 (City Datum)



Scale: 1" = 20'
• = Iron

Curve #1
Curve Data Based on Centerline
Rad. = 100' Delta = 94° 43' 58" Tangent = 108.62'
Arc = 165.34' L.C. = 147.14' Def/Ft. =17.18873 Min.

Station	Arc	FACE CHORD LENGTHS 8" Lt.	8" Rt.	Defl.	T. Defl.
4+60.01	–	–	–	0°00'00"	0°00'00"
4+75.00	14.99'	11.23'	18.72'	4°17'39"	4°17'39"
5+00.00	25.00'	18.70'	31.17'	7°09'43"	11°27'22"
5+25.00	25.00'	18.70'	31.17'	7°09'43"	18°37'05"
5+50.00	25.00'	18.70'	31.17'	7°09'43"	25°46'49"
5+75.00	25.00'	18.70'	31.17'	7°09'43"	32°56'32"
6+00.00	25.00'	18.70'	31.17'	7°09'43"	40°06'15"
6+25.35	25.35'	18.96'	31.60'	7°15'44"	47°21'59"

Subdivision Bench Marks

Street & Station	Location Description	Elevation
Boxthorn 6+51.49, 17.25' Rt.	Adjacent to Fire Hydrant at lot corner between Lots 16-17, Block C, The Fairmont	
Boxthorn Ct. 2+41.95, 14.25' Rt.	Adjacent to Fire Hydrant at W. End of S. Curb Return of Boxthorn & Boxthorn Ct.	
Ayesbury 0+37.00, 17.25' Lt.	Adjacent to Fire Hydrant at E. End of S. Curb Return of Boxthorn & Ayesbury	
Ayesbury Ct. 0+37.00, 14.25' Lt.	Adjacent to Fire Hydrant at N. End of W. Curb Return of Ayesbury & Ayesbury Ct.	

P.V.I.
Elev. = 199.10
No V.C.

THE FAIRMONT - PHASE 2
BOXTHORN
STA 4+60.01 TO STA 6+25.35

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER 472-83484 | SHEET 7 OF 39

DESIGN	DRAWN	APPROVED	DATE	SCALE
NBW	TMS		1/23/03	Noted

02-06-2369
Fairmont Str1