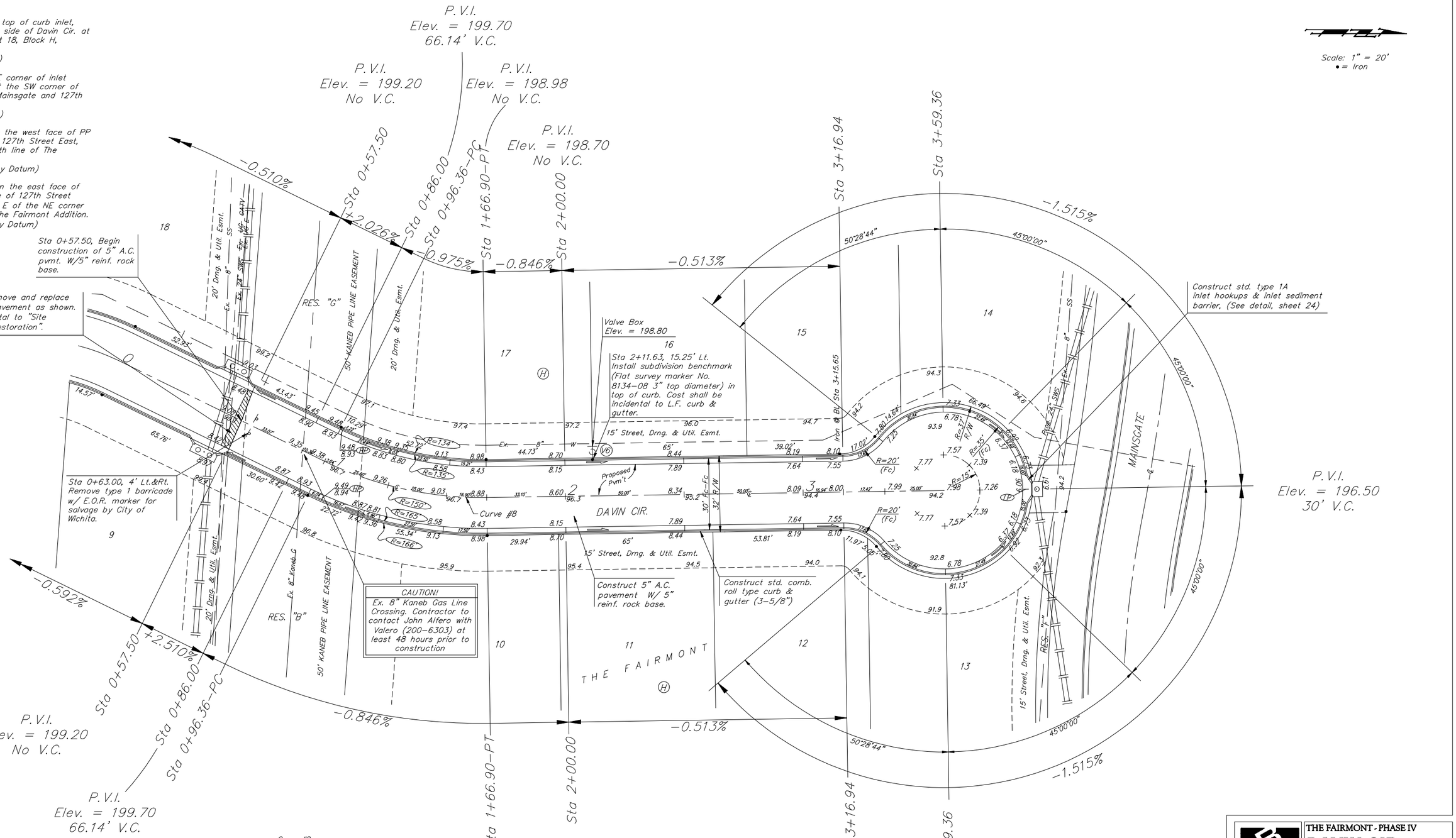
BENCHMARKS:

BM #1: "+" in the top of curb inlet, located on the west side of Davin Cir. at the NE corner of Lot 18, Block H, Fairmont Addition.
Elev. = 198.18 (MSL)

BM #2: "□" on NE corner of inlet structure, located at the SW corner of the intersection of Mainsgate and 127th Street East.
Elev. = 182.33 (MSL)

BM #3: 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 #4: 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 #8
Curve Data Based on Centerline
Rad. = 150' Delta = 26° 56' 39" Tangent = 35.93'
Arc = 70.54' L.C. = 69.89' Def/Ft. =11.45910 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+96.36	–	–	–	0°00'00"	0°00'00"
1+00.00	3.64'	3.08'	4.20'	0°41'42"	0°41'42"
1+25.00	25.00'	21.14'	28.80'	4°46'28"	5°28'11"
1+50.00	25.00'	21.14'	28.80'	4°46'28"	10°14'40"
1+66.90	16.90'	14.30'	19.48'	3°13'39"	13°28'19"

NOTE: ROLL TYPE CURB & GUTTER TO BE CONSTRUCTED ON THE PAVEMENT SHOWN ON THIS SHEET. TOP OF CURB ELEVATIONS ARE GIVEN FOR FULL HEIGHT CURB.

Baughman

THE FAIRMONT - PHASE IV
DAVIN CIR.
STA 0+52.93 TO STA 3+59.36

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316.262.7271 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84246	DESIGN ATD / DRAWN TMS
REVISIONS:	APPROVED / DATE 08/06
	SCALE Noted
	SHEET 11 OF 32

Fairmont\PhaseIV\Sta5 06-01-E470