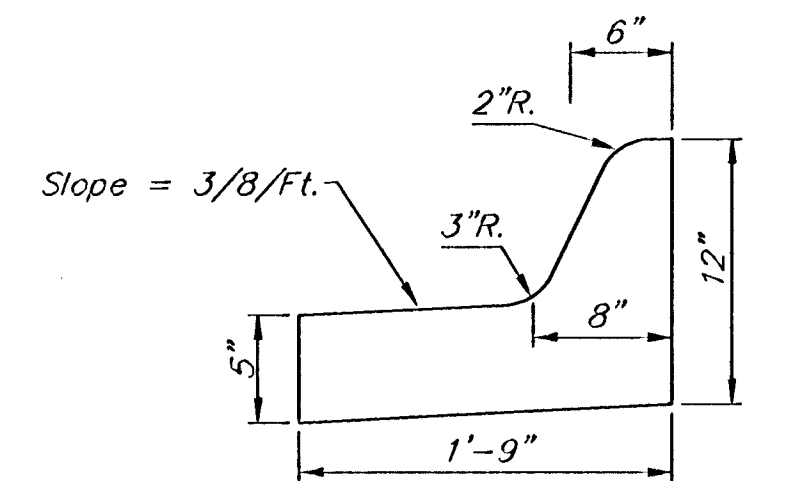
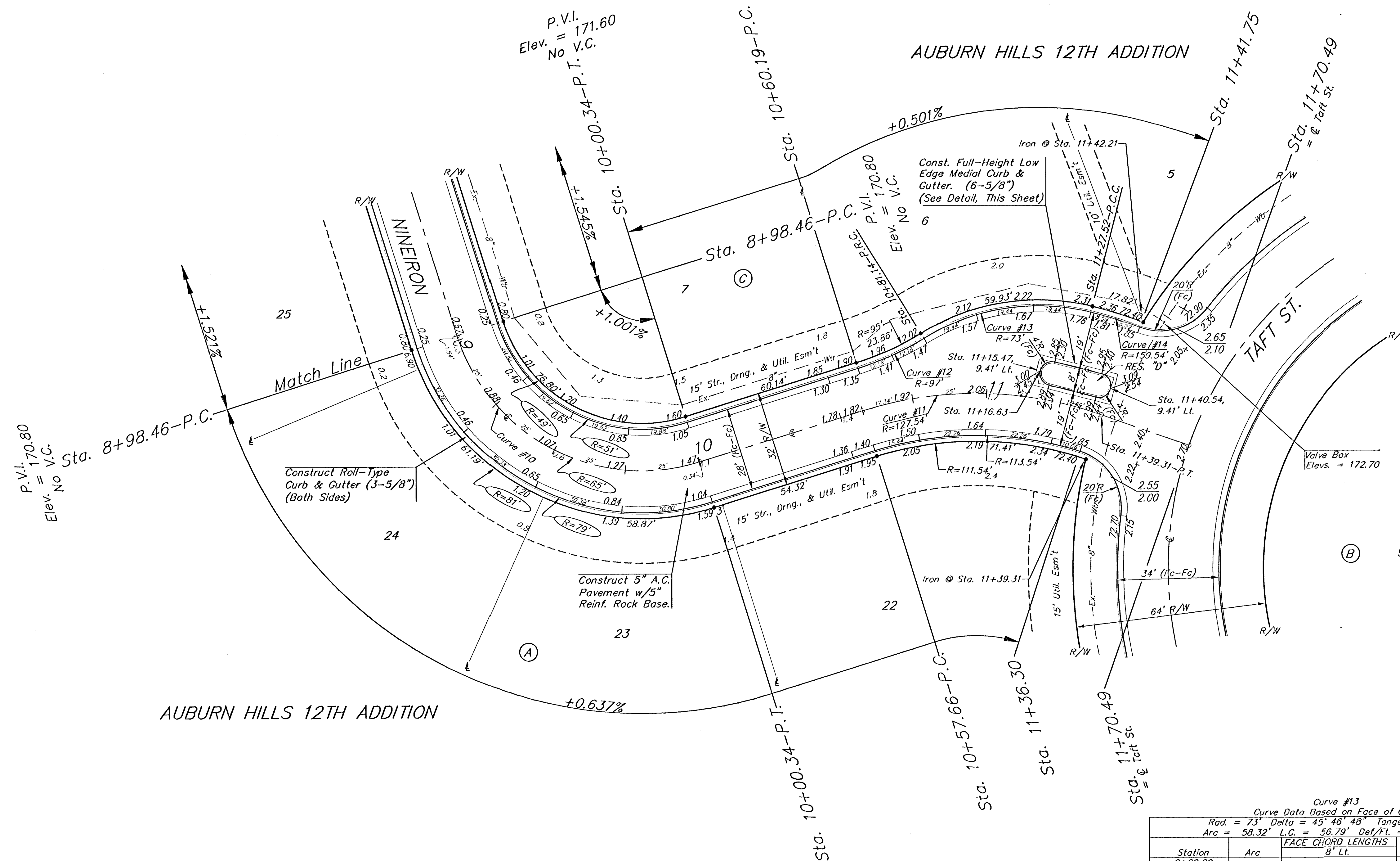


BENCH MARKS:
City Disc - 34.3' E. & 3.3' N. of
S.W. Corner of N.W. 1/4, Sec. 25,
T-27-S, R-2-W.
Elev. = 156.63 City Datum

City Disc - 135TH St. W. & Maple,
30' N. & 15' E. of Both.
Elev. = 150.20 City Datum

SCALE: 1" = 20'
• = Iron



Medial Curb Detail
(Low Edge)
Not to Scale
Note: To be paid as Medial Curb & Gutter (6 5/8")

Roll type curb & gutter to
be constructed on the pavement
on this sheet.
Top of curb elevation are given
for full height curb.

Curve #10
Curve Data Based on Centerline
Rad. = 65' Delta = 89°48'02" Tangent = 64.77'
Arc = 101.87' L.C. = 91.76' Def/Ft. = 26.44563 Min.

Station	Arc	8' Lt.	8' Rt.	Def.	T. Def.
8+98.46	-	-	-	0'00'00"	0'00'00"
9+25.00	26.54'	17.44'	35.28'	11'41'52"	11'41'52"
9+50.00	25.00'	16.44'	33.26'	11'01'08"	22'43'00"
9+75.00	25.00'	16.44'	33.26'	11'01'09"	33'44'09"
10+00.33	25.33'	16.65'	33.69'	11'09'52"	44'54'01"

Curve #11
Curve Data Based on Centerline
Rad. = 113.54' Delta = 36°40'52" Tangent = 37.64'
Arc = 78.65' L.C. = 71.45' Def/Ft. = 13.99152 Min.

Station	Arc	8' Lt.	8' Rt.	Def.	T. Def.
10+57.65	-	-	-	0'00'00"	0'00'00"
10+75.00	17.35'	19.13'	12.92'	4'02'45"	4'02'45"
11+00.00	25.00'	27.53'	18.60'	5'49'47"	9'52'32"
11+25.00	25.00'	27.53'	18.60'	5'49'47"	15'42'20"
11+36.30	11.30'	12.46'	8.42'	2'38'06"	18'20'26"
11+39.31	3.01'	3.32'	2.24'	0'42'07"	19'02'33"

Curve #12
Curve Data Based on Face of Curb
Rad. = 97' Delta = 14°23'29" Tangent = 12.25'
Arc = 24.36' L.C. = 24.30' Def/Ft. = 17.72339 Min.

Station	Arc	8' Lt.	Def.	T. Def.
10+60.19	-	-	0'00'00"	0'00'00"
10+71.02	12.18'	11.17'	3'35'52"	3'35'52"
10+81.14	12.18'	11.17'	3'35'53"	7'11'45"

Curve #13
Curve Data Based on Face of Curb
Rad. = 73' Delta = 45°46'48" Tangent = 30.82'
Arc = 58.32' L.C. = 56.79' Def/Ft. = 23.54938 Min.

Station	Arc	8' Lt.	Def.	T. Def.
0+00.00	-	-	0'00'00"	0'00'00"
0+19.44	19.44'	21.51'	7'37'48"	7'37'48"
0+38.88	19.44'	21.51'	7'37'48"	15'15'36"
0+58.32	19.44'	21.51'	7'37'48"	22'53'24"

Curve #14
Curve Data Based on Centerline
Rad. = 159.54' Delta = 6°10'09" Tangent = 8.60'
Arc = 17.18' L.C. = 17.17' Def/Ft. = 10.77270 Min.

Station	Arc	8' Lt.	Def.	T. Def.
0+00.00	-	-	0'00'00"	0'00'00"
0+08.59	8.59'	9.02'	1'32'32"	1'32'32"
0+17.18	8.59'	9.02'	1'32'33"	3'05'05"

AUBURN HILLS ADDITION - PHASE I
NINEIRON
STA. 8+98.48 TO STA. 11+70.49

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
318-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
472-83290

DESIGN: DMV DRAWN: JAK APPROVED: DATE: 3-14-01 SCALE: NOTED

SHEET
16
OF
30