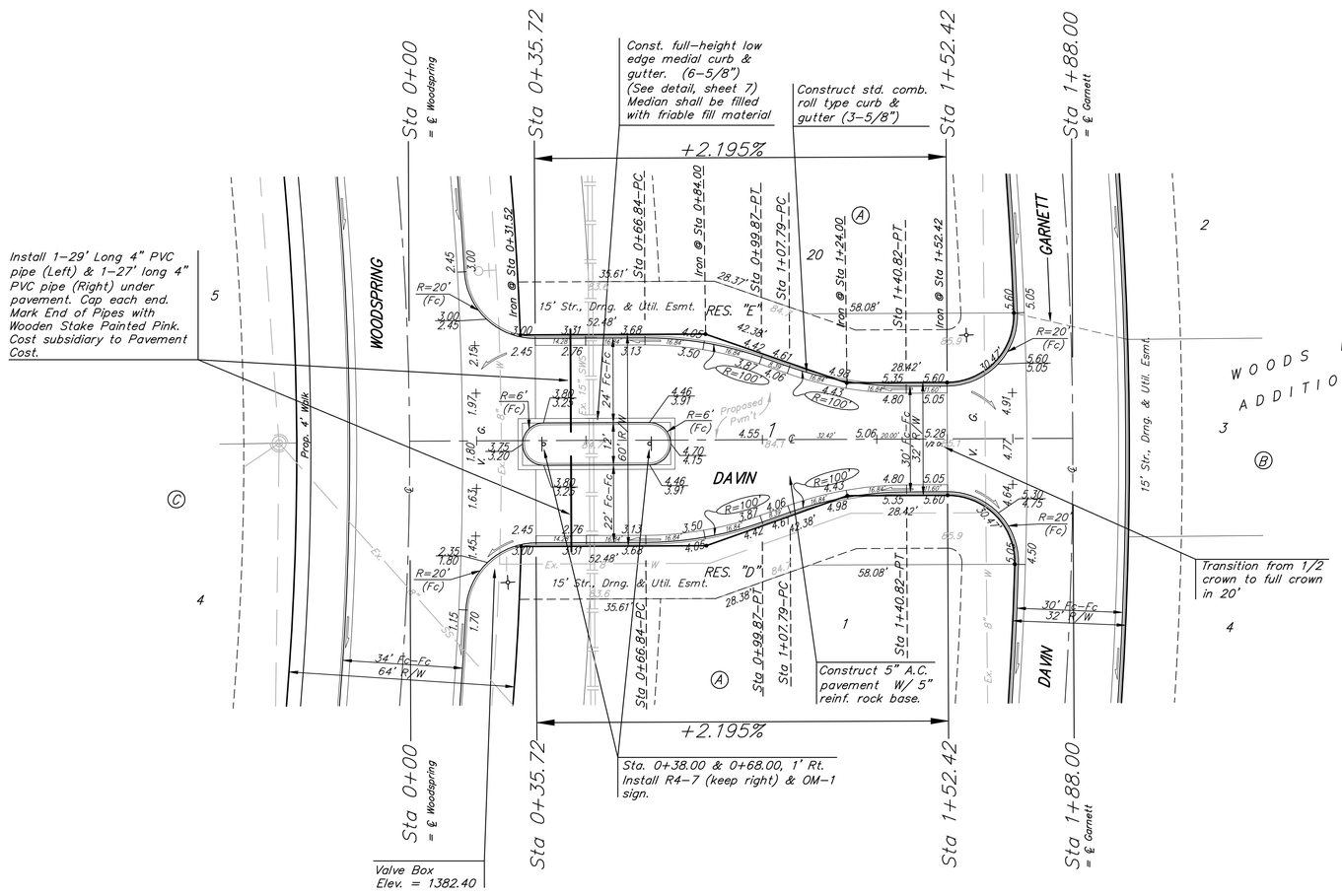
BENCHMARK:
CROSS CUT ON NORTH
END OF WEST HEADWALL
137.5' SOUTH & 12' WEST
OF THE INTERSECTION OF
29TH ST N & 127TH ST E.
ELEV. = 1382.45 NAVD88

℄ OF WEST EDGE OF
CONCRETE DRIVE 31.4' NE
OF THE EAST ¼ CORNER
OF SEC. 3, TWP 27-S,
R-2-E.
ELEV. = 1373.82 NAVD88

Scale: 1" = 20'
• = Iron



Curve #14
Curve Data Based on Centerline
Rad. = 1098' Delta = 12° 48' 13" Tangent = 123.20'
Arc = 245.36' L.C. = 244.85' Def/Ft. = 1.56549 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+83.89	–	–	–	0°00'00"	0°00'00"
1+00.00	16.11'	16.45'	15.77'	0°25'13"	0°25'13"
1+25.00	25.00'	25.52'	24.48'	0°39'08"	1°04'21"
1+50.00	25.00'	25.52'	24.48'	0°39'08"	1°43'29"
1+70.54	20.54'	20.97'	20.11'	0°32'09"	2°15'39"
2+06.69	36.15'	36.91'	35.39'	0°56'35"	3°12'14"
2+42.85	36.16'	36.92'	35.40'	0°56'36"	4°08'51"
2+50.00	7.15'	7.30'	7.00'	0°11'11"	4°20'02"
2+75.00	25.00'	25.52'	24.48'	0°39'08"	4°59'11"
3+00.00	25.00'	25.52'	24.48'	0°39'08"	5°38'19"
3+25.00	25.00'	25.52'	24.48'	0°39'08"	6°17'27"
3+29.25	4.25'	4.34'	4.16'	0°06'39"	6°24'06"

Curve #15
Curve Data Based on Centerline
Rad. = 50' Delta = 96° 40' 14" Tangent = 56.19'
Arc = 84.36' L.C. = 74.70' Def/Ft. =34.37787 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
3+29.25	–	–	–	0°00'00"	0°00'00"
3+50.00	20.75'	11.12'	30.08'	11°53'20"	11°53'20"
3+75.00	25.00'	13.36'	36.12'	14°19'27"	26°12'47"
4+00.00	25.00'	13.36'	36.12'	14°19'27"	40°32'14"
4+13.61	13.61'	7.33'	19.81'	7°47'53"	48°20'07"

Curve #16
Curve Data Based on Centerline
Rad. = 50' Delta = 90°00'00" Tangent = 50.00'
Arc = 78.54' L.C. = 70.71' Def/Ft. =34.37739 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
5+08.37	–	–	–	0°00'00"	0°00'00"
5+25.00	16.63'	8.94'	24.17'	9°31'42"	9°31'42"
5+50.00	25.00'	13.36'	36.12'	14°19'26"	23°51'08"
5+75.00	25.00'	13.36'	36.12'	14°19'26"	38°10'34"
5+86.91	11.91'	6.42'	17.35'	6°49'26"	45°00'00"

Curve #17
Curve Data Based on Centerline
Rad. = 50' Delta = 90°00'00" Tangent = 50.00'
Arc = 78.54' L.C. = 70.71' Def/Ft. =34.37739 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
8+42.91	–	–	–	0°00'00"	0°00'00"
8+50.00	7.09'	3.83'	10.34'	4°03'44"	4°03'44"
8+75.00	25.00'	13.36'	36.12'	14°19'26"	18°23'10"
9+00.00	25.00'	13.36'	36.12'	14°19'26"	32°42'36"
9+21.45	21.45'	11.49'	31.08'	12°17'24"	45°00'00"

Curve #13
Curve Data Based on Centerline
Rad. = 50' Delta = 96°07' 58" Tangent = 55.66'
Arc = 83.89' L.C. = 74.39' Def/Ft. =34.37815 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
0+00.00	–	–	–	0°00'00"	0°00'00"
0+25.00	25.00'	13.36'	36.12'	14°19'27"	14°19'27"
0+50.00	25.00'	13.36'	36.12'	14°19'27"	28°38'54"
0+75.00	25.00'	13.36'	36.12'	14°19'27"	42°58'21"
0+83.89	8.89'	4.79'	12.96'	5°05'37"	48°03'59"

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

WOODS NORTH ADD. - PH. 1
DAVIN
STA 0+00 TO STA 1+88.00

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 472-84651
DESIGN JAK DRAWN TMS
APPROVED DATE 08/08
REVISIONS: 8-18-08 TMS/AEG REVISED STREET ELEVATIONS & EX. GRADES
SCALE Noted
SHEET 16 OF 37

WoodsNorth\Str9 07-10-E964