

BENCHMARKS:
 BM #1: "C" Cut on Top of Curb at West Line of Lot 7, Block A, Auburn Hills 5th Addition. Elev. = 207.73 (City Datum)

BM #2: Disc in Back of Curb, North of Front Corner Common to Lots 23 and 24, Block D, Auburn Hills 12th Addition. Elev. = 191.84 (City Datum)

BM #3: "C" Cut in Middle of Curb Inlet Top Adjacent to the South Corner of Lot 15, Block B. Elev. = 196.44 (City Datum)

P.V.I.
 Elev. = 210.03
 31.72' V.C.

P.V.I.
 Elev. = 207.00
 50' V.C.

P.V.I.
 Elev. = 206.00
 No V.C.

P.V.I.
 Elev. = 203.60
 No V.C.

P.V.I.
 Elev. = 201.00
 No V.C.

P.V.I.
 Elev. = 199.50
 70' V.C.

Scale: 1" = 20'
 • = Iron

Curve #8A
 Curve Data Based on Centerline
 Rad. = 165' Delta = 35° 31' 05" Tangent = 52.85'
 Arc = 102.28' L.C. = 100.65' Def/Ft. = 10.41789 Min.

Station	Arc	8 Lt.	Defl.	T. Defl.
J	-	-	0°00'00"	0°00'00"
K	22.42'	21.32'	3°53'34"	3°53'34"
L	22.43'	21.33'	3°53'40"	7°47'14"
M	22.43'	21.33'	3°53'41"	11°40'55"
N	17.50'	16.64'	3°02'19"	14°43'14"
O	17.50'	16.64'	3°02'18"	17°45'32"

Curve #7A
 Curve Data Based on Centerline
 Rad. = 83' Delta = 46° 35' 35" Tangent = 35.74'
 Arc = 67.5' L.C. = 65.65' Def/Ft. = 20.70803 Min.

Station	Arc	8 Lt.	Defl.	T. Defl.
A	-	-	0°00'00"	0°00'00"
B	22.50'	20.27'	7°45'56"	7°45'56"
C	22.50'	20.27'	7°45'56"	15°31'51"
D	22.50'	20.27'	7°45'56"	23°17'47"

Curve #7B
 Curve Data Based on Centerline
 Rad. = 117' Delta = 46° 35' 35" Tangent = 50.38'
 Arc = 95.16' L.C. = 92.54' Def/Ft. = 14.68886 Min.

Station	Arc	8 Rt.	Defl.	T. Defl.
E	-	-	0°00'00"	0°00'00"
F	23.79'	25.37'	5°49'27"	5°49'27"
G	23.79'	25.37'	5°49'27"	11°38'54"
H	23.79'	25.37'	5°49'27"	17°28'20"
I	23.79'	25.37'	5°49'27"	23°17'47"

Curve #8B
 Curve Data Based on Centerline
 Rad. = 195' Delta = 35° 31' 05" Tangent = 62.45'
 Arc = 120.88' L.C. = 118.96' Def/Ft. = 8.81487 Min.

Station	Arc	8 Rt.	Defl.	T. Defl.
P	-	-	0°00'00"	0°00'00"
Q	28.62'	29.77'	4°12'17"	4°12'17"
R	28.63'	29.78'	4°12'22"	8°24'39"
S	28.63'	29.78'	4°12'22"	12°37'01"
T	17.50'	18.21'	2°34'16"	15°11'17"
U	17.50'	18.21'	2°34'15"	17°45'32"

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.

Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor ONLY with the Developer or Baughman Company approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.

Baughman AUBURN HILLS 16TH ADD. - PH. II
FAWNWOOD
 Sta 3+65.86 to Sta 8+86.78

Baughman Company, P.A. 315 8th St. W. Auburn, MI 48711 P 3162627271 F 3162620149
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER: 472-84291
 REVISIONS:

DESIGN: AEO
 APPROVED: [Signature]
 SCALE: Noted
 SHEET: **11 OF 61**

AuburnHills16thPhaseIISta5 06-02-E502