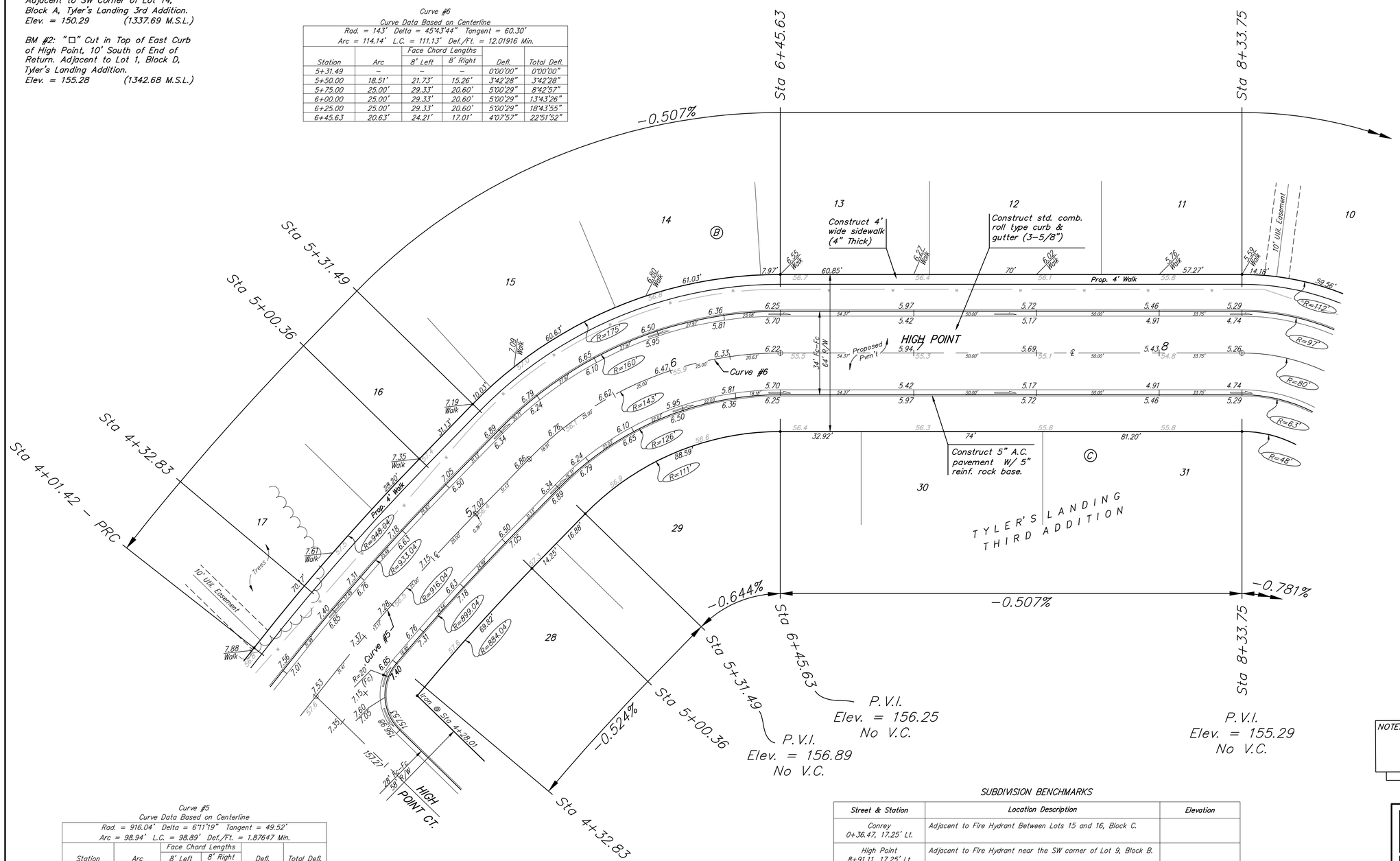
Benchmarks:

BM #1: "□" Cut in Middle of Curb Inlet Top, North Curb of Conrey, Adjacent to SW Corner of Lot 14, Block A, Tyler's Landing 3rd Addition.
Elev. = 150.29 (1337.69 M.S.L.)

BM #2: "□" Cut in Top of East Curb of High Point, 10' South of End of Return. Adjacent to Lot 1, Block D, Tyler's Landing Addition.
Elev. = 155.28 (1342.68 M.S.L.)

Curve #6
Curve Data Based on Centerline
Rad. = 143' Delta = 45°43'44" Tangent = 60.30'
Arc = 114.14' L.C. = 111.13' Def./Ft. = 12.01916 Min.

Station	Arc	Face Chord Lengths 8' Left	8' Right	Defl.	Total Defl.
5+31.49	–	–	–	0°00'00"	0°00'00"
5+50.00	18.51'	21.73'	15.26'	3°42'28"	3°42'28"
5+75.00	25.00'	29.33'	20.60'	5°00'29"	8°42'57"
6+00.00	25.00'	29.33'	20.60'	5°00'29"	13°43'26"
6+25.00	25.00'	29.33'	20.60'	5°00'29"	18°43'55"
6+45.63	20.63'	24.21'	17.01'	4°07'57"	22°51'52"



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.

Curve #5
Curve Data Based on Centerline
Rad. = 916.04' Delta = 6°11'19" Tangent = 49.52'
Arc = 98.94' L.C. = 98.89' Def./Ft. = 1.87647 Min.

Station	Arc	Face Chord Lengths 8' Left	8' Right	Defl.	Total Defl.
4+01.42	–	–	–	0°00'00"	0°00'00"
4+32.83	31.41'	32.27'	30.55'	0°58'56"	0°58'56"
4+50.00	17.17'	17.64'	16.70'	0°32'14"	1°31'10"
4+75.00	25.00'	25.68'	24.32'	0°46'54"	2°18'04"
5+00.36	25.36'	26.05'	24.67'	0°47'36"	3°05'40"

SUBDIVISION BENCHMARKS

Street & Station	Location Description	Elevation
Conrey 0+36.47, 17.25' Lt.	Adjacent to Fire Hydrant Between Lots 15 and 16, Block C.	
High Point 8+91.11, 17.25' Lt.	Adjacent to Fire Hydrant near the SW corner of Lot 9, Block B.	
High Point Ct. 1+90.72, 14.25' Rt.	Adjacent to Fire Hydrant Between Lots 18 and 19, Block C.	

Baughman

Tyler's Landing 3rd Addition - Phase 3

High Point

Street Paving Improvements

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 472-84496	DESIGN RDM/AEG · DRAWN RDM
REVISIONS:	APPROVED AEG · DATE OCT 2007
	SCALE Noted
	SHEET 8 OF 23

Tyler's Landing 3rd\Phase 3\STR\06-10_STR_1.dwg 07-09-E925