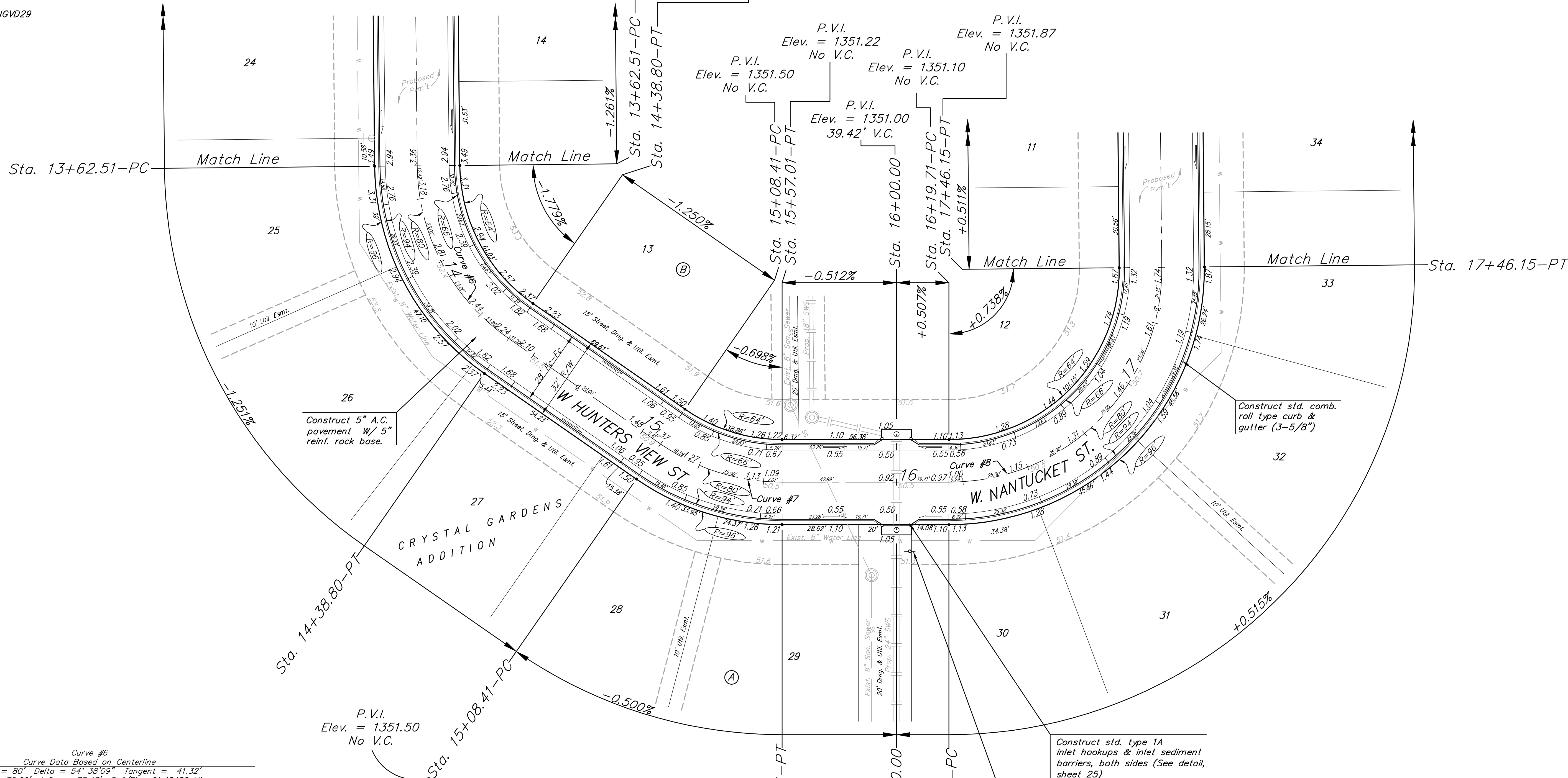


Benchmark:
 "□" Cut On Top of Curb, West Side of Forestview, East of Fire Hydrant, and Along Easterly Extension of the South Line of Lot 2, Block A, Liberty Park 2nd Addition.
 Elev. = 1347.62 NGVD29

City of Wichita Benchmark Southwest Corner of 13th ST N and 135th ST W 30' South and 35' West Intersection. East Side of Concrete Base for Highline Pole.
 Elev. = 1355.65 NGVD29

Scale: 1" = 20'
 • = Iron



Curve #6
 Curve Data Based on Centerline
 Rad. = 80' Delta = 54° 38' 09" Tangent = 41.32'
 Arc = 76.29' L.C. = 73.43' Del/Ft. = 21.48480 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
13+62.51	-	-	-	0'00'00"	0'00'00"
13+75.00	12.49'	9.05'	15.91'	4'28'21"	4'28'21"
14+00.00	25.00'	18.05'	31.74'	8'57'07"	13'25'28"
14+25.00	25.00'	18.05'	31.74'	8'57'07"	22'22'35"
14+38.80	13.80'	9.99'	17.57'	4'56'29"	27'19'04"

Curve #7
 Curve Data Based on Centerline
 Rad. = 80' Delta = 34° 48' 22" Tangent = 25.08'
 Arc = 48.60' L.C. = 47.85' Del/Ft. = 21.48526 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
15+08.41	-	-	-	0'00'00"	0'00'00"
15+25.00	16.59'	12.01'	21.11'	5'56'26"	5'56'26"
15+50.00	25.00'	18.05'	31.74'	8'57'08"	14'53'34"
15+57.01	7.01'	5.08'	8.93'	2'30'37"	17'24'11"

Curve #8
 Curve Data Based on Centerline
 Rad. = 80' Delta = 90° 33' 27" Tangent = 80.78'
 Arc = 126.44' L.C. = 113.69' Del/Ft. = 21.48628 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8' Lt.	8' Rt.		
16+19.71	-	-	-	0'00'00"	0'00'00"
16+25.00	5.29'	3.83'	6.74'	1'53'40"	1'53'40"
16+50.00	25.00'	18.05'	31.75'	8'57'09"	10'50'49"
16+75.00	25.00'	18.05'	31.75'	8'57'10"	19'47'59"
17+00.00	25.00'	18.05'	31.75'	8'57'09"	28'45'08"
17+25.00	25.00'	18.05'	31.75'	8'57'09"	37'42'17"
17+46.15	21.15'	15.29'	26.89'	7'34'27"	45'16'44"

Sta. 16+05, 26' Rt. Install Flat Plate (SNS) "Nantucket" & "Hunters View"

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.

	Crystal Gardens Addition	
	W. HUNTERS VIEW ST./ W. NANTUCKET ST. STA. 13+62.51 TO STA. 17+46.15	
<small>Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149 ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE</small>		
PROJECT NUMBER 472-84606	DESIGN JAK	DRAWN TMS
REVISIONS:	APPROVED DATE 9/09/08	SCALE Noted SHEET 10 OF 34
<small>E:\Veng\Crystal Gardens\Str5.dwg 08-02-E066</small>		