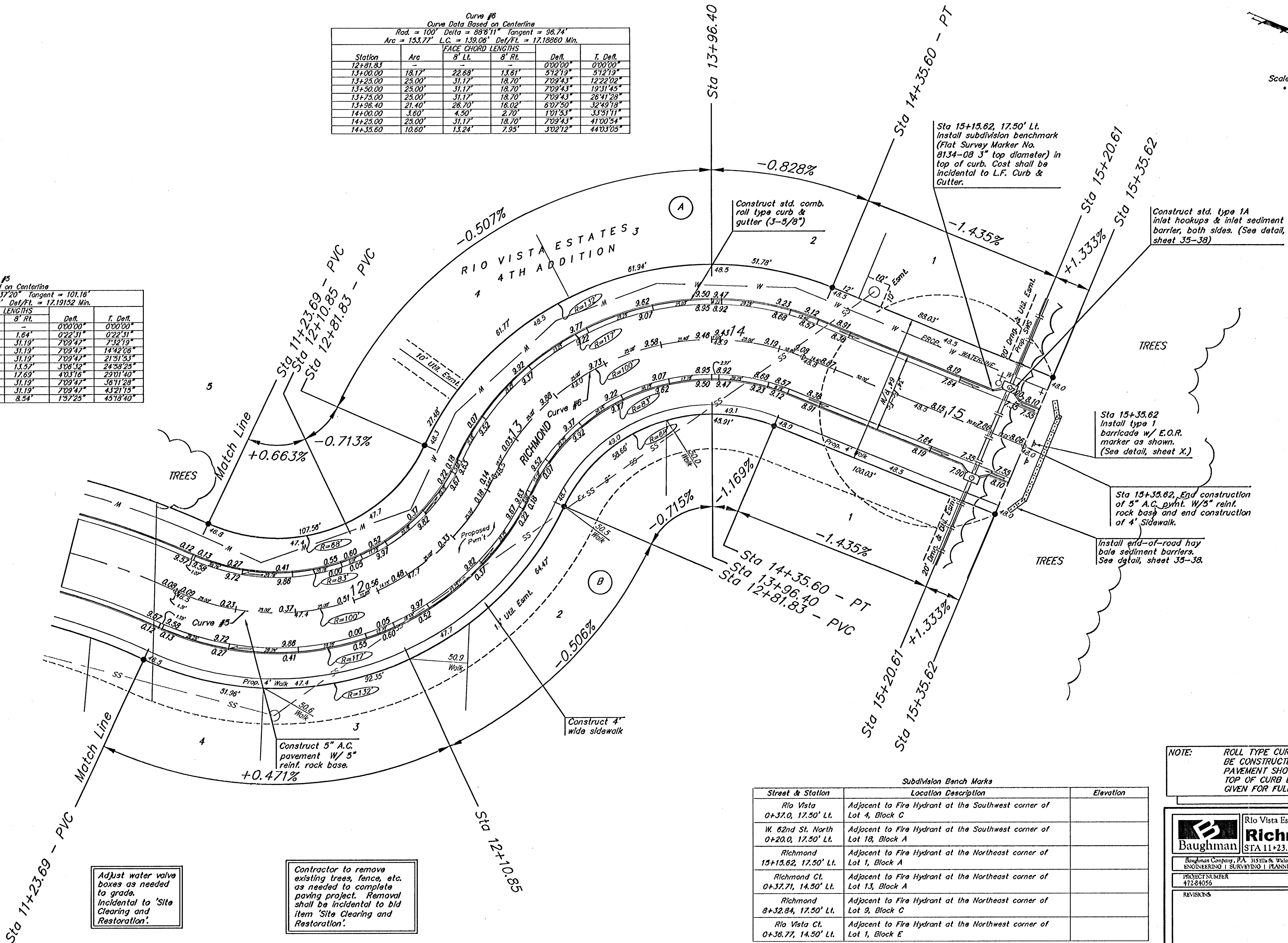


BENCHMARK:
R.R. SPIKE IN HLP, 150' E. & 30'
S. OF THE S.W. COR., S.E. 1/4,
SEC. 12-28-1W.
ELEV. = 1338.96 M.S.L.
ELEV. = 151.56 City Datum

"O" IN OPEN, TOP FLANGE OF FIRE
HYDRANT AT THE S.W. CORNER
OF 61ST. ST. N. & MERIDIAN AVE.
ELEV. = 1339.16 M.S.L.
ELEV. = 151.76 City Datum

Curve #6					
Curve Data Based on Centerline					
Rad. = 100' Delta = 88°11' Tangent = 96.74'					
Arc = 153.77' L.C. = 139.06' Def/Ft. = 17.18860 Min.					
Station	Arc	8' Lt.	8' Rt.	Defl.	T. Defl.
12+81.83				0°00'00"	0°00'00"
13+00.00	18.17'	22.68'	13.61'	51°21'09"	51°21'09"
13+25.00	25.00'	31.17'	18.70'	70°43'43"	122°22'02"
13+50.00	25.00'	31.17'	18.70'	70°43'43"	19°31'45"
13+75.00	25.00'	31.17'	18.70'	70°43'43"	26°41'28"
13+96.40	21.40'	26.70'	16.02'	60°7'50"	32°49'18"
14+00.00	3.60'	4.50'	2.70'	101°53'43"	33°51'11"
14+25.00	25.00'	31.17'	18.70'	70°43'43"	41°00'54"
14+50.00	25.00'	31.17'	18.70'	70°43'43"	44°03'05"

Curve #5					
Curve Data Based on Centerline					
Rad. = 100.00' Delta = 90°37'20" Tangent = 101.16'					
Arc = 158.14' L.C. = 142.29' Def/Ft. = 17.19152 Min.					
Station	Arc	8' Lt.	8' Rt.	Defl.	T. Defl.
11+23.69				0°00'00"	0°00'00"
11+25.00	1.31'	0.98'	1.64'	0°22'31"	0°22'31"
11+50.00	25.00'	18.72'	31.19'	70°43'43"	7°32'19"
11+75.00	25.00'	18.72'	31.19'	70°43'43"	14°42'06"
12+00.00	25.00'	18.72'	31.19'	70°43'43"	21°51'53"
12+10.85	10.85'	8.14'	13.37'	306°32'	24°58'25"
12+25.00	14.15'	10.62'	17.69'	403°16'	29°01'40"
12+50.00	25.00'	18.72'	31.19'	70°43'43"	36°11'28"
12+75.00	25.00'	18.72'	31.19'	70°43'43"	43°21'15"
12+81.83	6.83'	5.13'	8.54'	157°25'	45°18'40"



Scale: 1" = 20'
• = Iron

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.

Subdivision Bench Marks		
Street & Station	Location Description	Elevation
Rio Vista 0+37.0, 17.50' Lt.	Adjacent to Fire Hydrant at the Southwest corner of Lot 4, Block C	
W. 62nd St. North 0+20.0, 17.50' Lt.	Adjacent to Fire Hydrant at the Southwest corner of Lot 18, Block A	
Richmond 15+13.62, 17.50' Lt.	Adjacent to Fire Hydrant at the Northeast corner of Lot 1, Block A	
Richmond Ct. 0+37.71, 14.50' Lt.	Adjacent to Fire Hydrant at the Northeast corner of Lot 13, Block A	
Richmond 8+32.84, 17.50' Lt.	Adjacent to Fire Hydrant at the Northeast corner of Lot 9, Block C	
Rio Vista Ct. 0+36.77, 14.50' Lt.	Adjacent to Fire Hydrant at the Northwest corner of Lot 1, Block E	

Baughman		Rio Vista Estates 4th Addition			
Richmond		STA 11+23.69 TO STA 15+35.62			
Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7771 F 316-262-0149					
ENGINEERING SURVEYING PLANNING LANDSCAPE ARCHITECTURE					
PROJECT NUMBER 472-24056	DESIGN MWS	DRAWN JW/11			
REVISIONS	APPROVED	DATE 7/05			
	SCALE Noted				
	SHEET				
	11	OF 51			
Rio Vista_Vet1.dwg		05-03-E204			