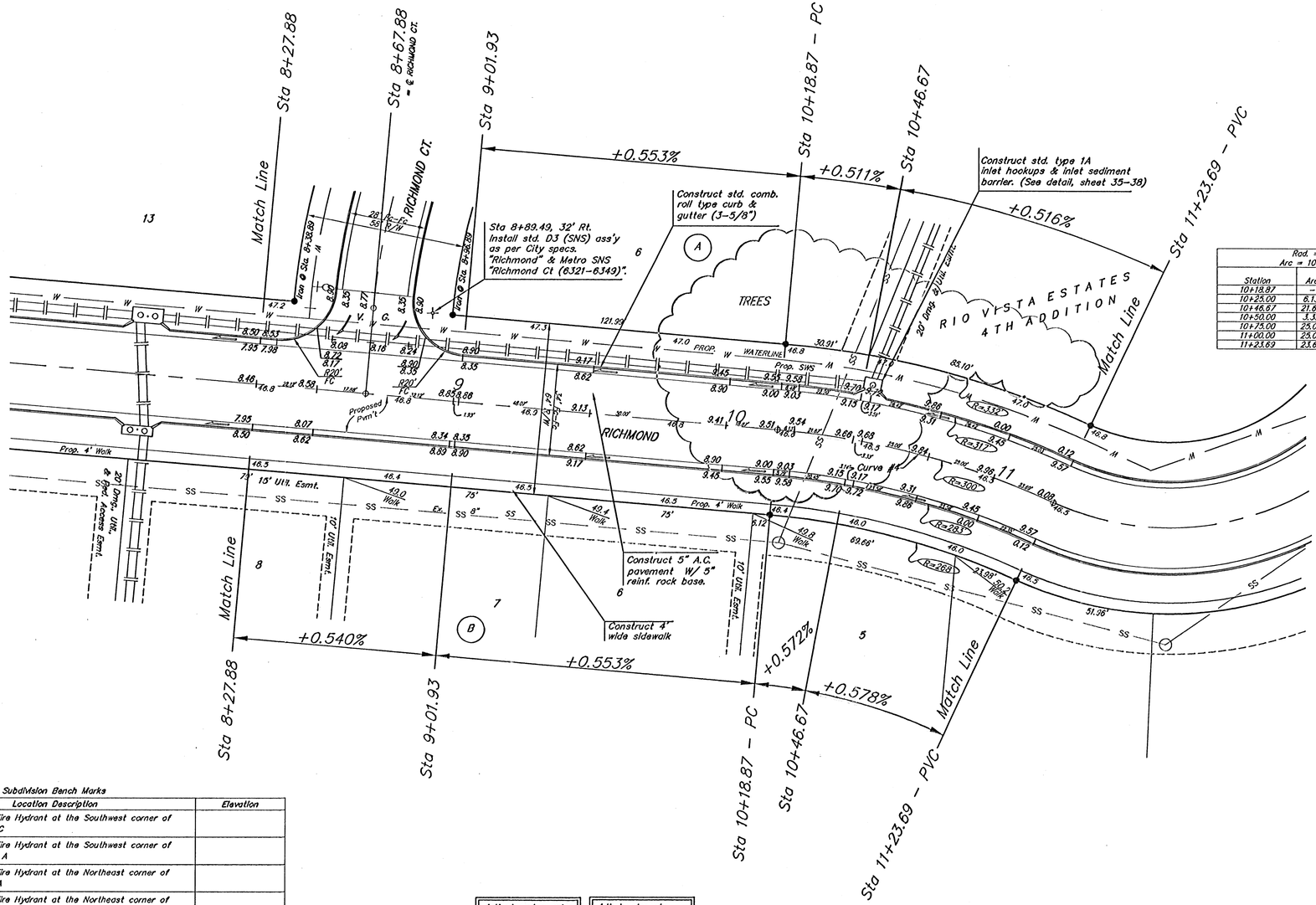
BENCHMARK:
R.R. SPIKE IN HLP, 150' E. & 30' S. OF THE S.W. COR., S.E. 1/4, SEC. 12-26-11W.
ELEV. = 1338.98 M.S.L.
ELEV. = 151.56 City Datum

"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

Scale: 1" = 20'
• = Iron



Curve #1
Curve Data Based on Centerline
Rad. = 300' Delta = 20°17'4" Tangent = 52.95'
Arc = 104.82' L.C. = 104.28' Def/Ft. = 3.72919 Min.

Station	FACE CHORD LENGTHS Arc	8' Lt.	8' Rt.	Defl.	Y. Defl.
10+18.87	–	–	–	0°00'00"	0°00'00"
10+25.00	6.13'	6.64'	5.62'	0°35'07"	0°35'07"
10+46.67	21.67'	23.47'	19.88'	2°04'09"	2°39'16"
10+50.00	3.33'	3.61'	3.05'	0°19'05"	2°58'21"
10+75.00	25.00'	27.07'	22.91'	2°23'14"	5°21'35"
11+00.00	25.00'	27.07'	22.91'	2°23'14"	7°44'49"
11+23.69	23.69'	25.66'	21.71'	2°15'43"	10°00'32"

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+15.62, 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	

Adjust water valve boxes as needed to grade. Incidental to 'Site Clearing and Restoration'.

Adjust water valve boxes as needed to grade. Incidental to 'Site Clearing and Restoration'.

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

Rio Vista Estates 4th Addition
Richmond
STA 8+27.88 TO STA 11+23.69

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316.262.2721 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84026
REVISIONS

DESIGN MWS | DRAWN JWH
APPROVED | DATE 7/05
SCALE Noted
SHEET 10 OF 51

Rio Vista Ustr1.dwg 05-03-E204