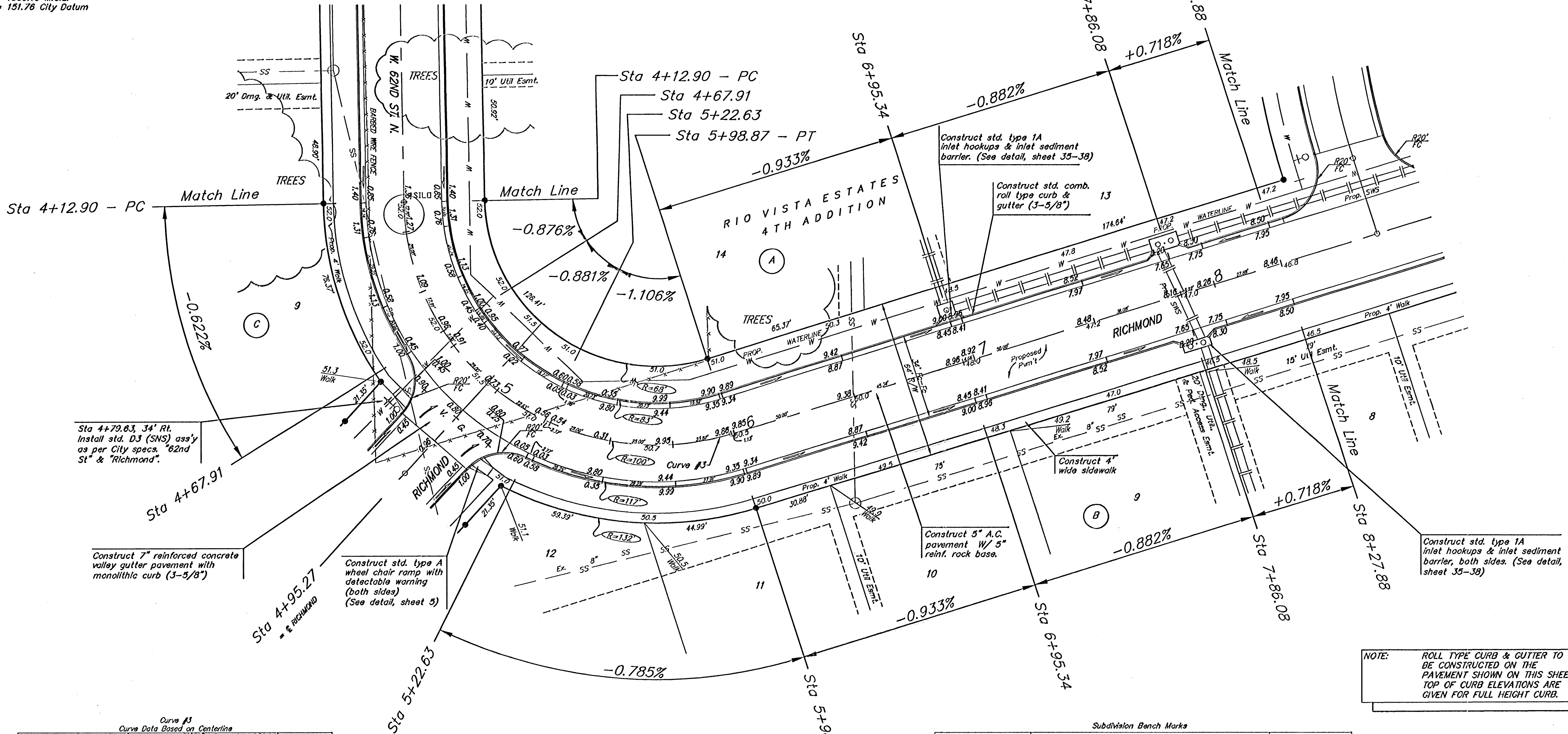


BENCHMARK:
R.R. SPIKE IN HLP, 150' E. & 30'
S. OF THE S.W. COR., S.E. 1/4,
SEC. 12-26-1W.
ELEV. = 1338.96 M.S.L.
ELEV. = 151.36 City Datum

"0" 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



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 #3					
Curve Data Based on Centerline					
Rad. = 100.00' Delta = 107°39'38" Tangent = 138.87'					
Arc = 185.97' L.C. = 161.32' Del/Pt. = 17.36732 Min.					
Station	Arc	FACE CHORD LENGTHS	Del.	T. Del.	
		8' Lt.	8' Rt.		
4+12.90	-	-	-	0°00'00"	0°00'00"
4+25.00	12.10'	9.15'	13.26'	3°30'03"	3°30'03"
4+50.00	25.00'	18.87'	31.42'	7°14'11"	10°44'20"
4+67.91	17.91'	13.54'	22.57'	5°11'03"	15°55'23"
4+75.00	7.09'	5.37'	8.95'	2°03'08"	17°58'31"
4+95.27	20.27'	13.32'	23.54'	5°52'02"	23°50'53"
5+00.00	4.73'	3.58'	5.91'	1°22'03"	25°12'42"
5+22.63	22.83'	17.09'	28.50'	6°33'01"	31°45'43"
5+25.00	2.37'	1.79'	2.39'	0°41'01"	32°28'53"
5+50.00	25.00'	18.87'	31.42'	7°14'11"	39°41'04"
5+75.00	25.00'	18.87'	31.42'	7°14'11"	46°55'13"
5+98.87	23.87'	18.03'	30.06'	6°34'33"	53°49'48"

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

Contractor to remove existing trees, fence, etc. as needed to complete paving project. Removal shall be incidental to bid item 'Site Clearing and Restoration'.

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	

Rio Vista Estates 4th Addition
Richmond
STA 4+12.90 TO STA 8+27.88

Engineering Company, P.A. 315 Elm St., Suite 200, Richmond, VA 23261-1010
P 804-622-7771 F 804-622-7771
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER
472-84956

DESIGN
MWS

DRAWN
JWH

REVISIONS

SCALE
Noted

DATE
7/05

SHEET
9 OF 51

Rio Vista\st1.dwg 05-03-E204