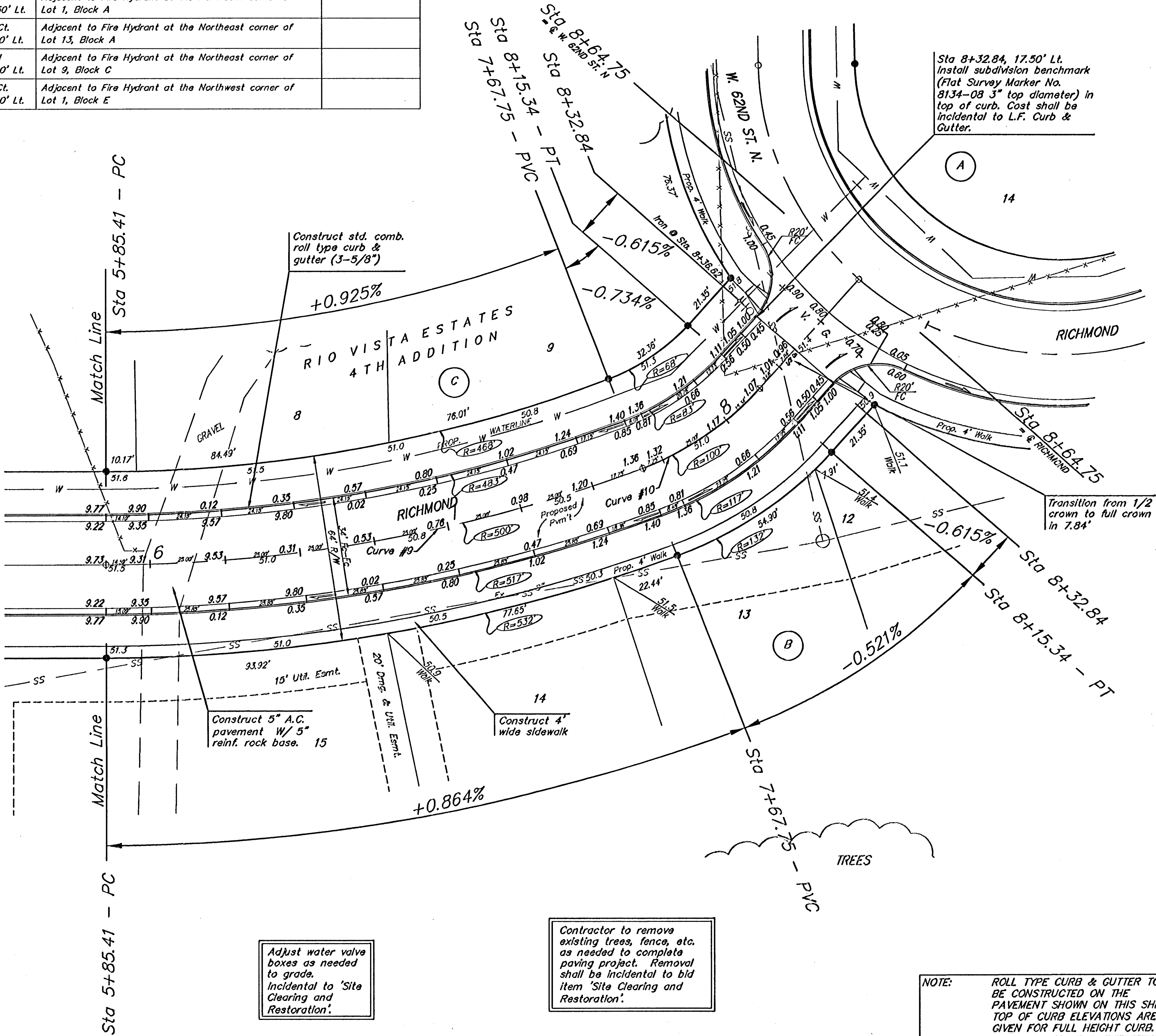


BENCHMARK:
R.R. SPIKE IN HLP, 150' E. & 30'
S. OF THE S.W. COR., S.E. 1/4,
SEC. 12-26-1W.
ELEV. = 1338.96 M.S.L.
ELEV. = 151.56 City Datum

"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

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 16, 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	



Scale: 1" = 20'
= Iron

Curve Data Based on Centerline					
Curve #10					
Rad. = 100.00' Delta = 27°16'2" Tangent = 24.29'					
Arc = 47.59' L.C. = 47.21' Del/Fl. = 17.18883 Min.					
Station	Arc	FACE CHORD LENGTHS	8' Lt.	8' Rt.	T. Del.
7+67.75	-	-	-	-	0°00'00"
7+75.00	7.25'	3.45'	9.07'	204.37'	204.37'
8+00.00	25.00'	18.74'	31.21'	709.43'	914.20'
8+15.34	15.34'	11.52'	19.18'	423.41'	1338.01'

Curve Data Based on Centerline					
Curve #9					
Rad. = 500' Delta = 20°46'7" Tangent = 91.63'					
Arc = 182.34' L.C. = 180.25' Del/Fl. = 3.41701 Min.					
Station	Arc	FACE CHORD LENGTHS	8' Lt.	8' Rt.	T. Del.
5+85.41	-	-	-	-	0°00'00"
6+00.00	14.59'	13.78'	15.23'	049.51'	049.51'
6+25.00	25.00'	23.60'	26.09'	125.26'	215.17'
6+50.00	25.00'	23.60'	26.09'	125.26'	340.42'
6+75.00	25.00'	23.60'	26.09'	125.26'	506.08'
7+00.00	25.00'	23.60'	26.09'	125.26'	631.33'
7+25.00	25.00'	23.60'	26.09'	125.26'	756.59'
7+50.00	25.00'	23.60'	26.09'	125.26'	881.85'
7+67.75	17.75'	16.76'	18.52'	100.39'	1023.03'



Rio Vista Estates 4th Addition
Richmond
STA 5+85.41 TO STA 8+64.75

Baughman Company, P.A. 115 Elm St. Woburn, MA 01801 P: 617-262-0169

ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER
472-84056

DESIGN
MWS

APPROVED
DATE
7/05

REVISIONS

SCALE
Noted
SHEET

15 OF 51

Rio Vista User.dwg

05-03-E204