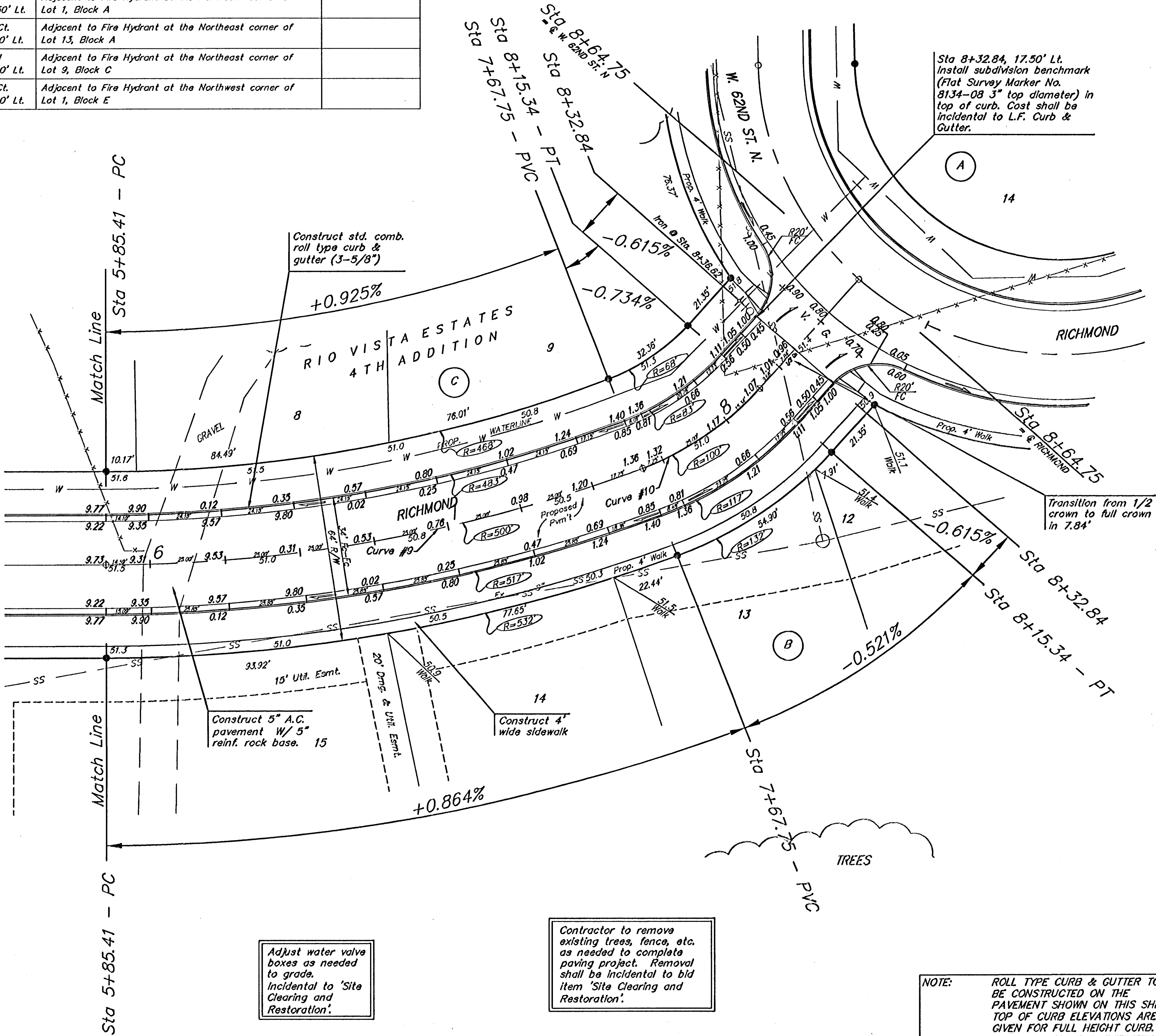


BENCHMARK:
R.R. SPIKE IN HLP, 150' E. & 30'
S. OF THE S.W. COR., S.E. 1/4,
SEC. 12-26-1W.
ELEV. = 1338.96 M.S.L.
ELEV. = 151.56 City Datum

"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"	0°00'00"	0°00'00"
7+75.00	7.25'	3.45'	9.07'	2°04'37"	2°04'37"
8+00.00	25.00'	18.74'	31.21'	7°09'43"	9°14'20"
8+15.34	15.34'	11.52'	19.18'	4°23'41"	13°38'01"

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"	0°00'00"	0°00'00"
6+00.00	14.59'	13.78'	15.23'	0°49'51"	0°49'51"
6+25.00	25.00'	23.60'	26.09'	1°25'26"	2°15'17"
6+50.00	25.00'	23.60'	26.09'	1°25'26"	3°40'42"
6+75.00	25.00'	23.60'	26.09'	1°25'26"	5°06'08"
7+00.00	25.00'	23.60'	26.09'	1°25'26"	6°31'33"
7+25.00	25.00'	23.60'	26.09'	1°25'26"	7°56'59"
7+50.00	25.00'	23.60'	26.09'	1°25'26"	9°22'24"
7+67.75	17.75'	16.76'	18.52'	1°00'39"	10°23'03"

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'.

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 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	DRAWN JWH
REVISIONS	APPROVED	DATE 7/05
	SCALE Noted	SHEET 15 OF 51

Rio Vista Estates 4th Addition 05-03-E204