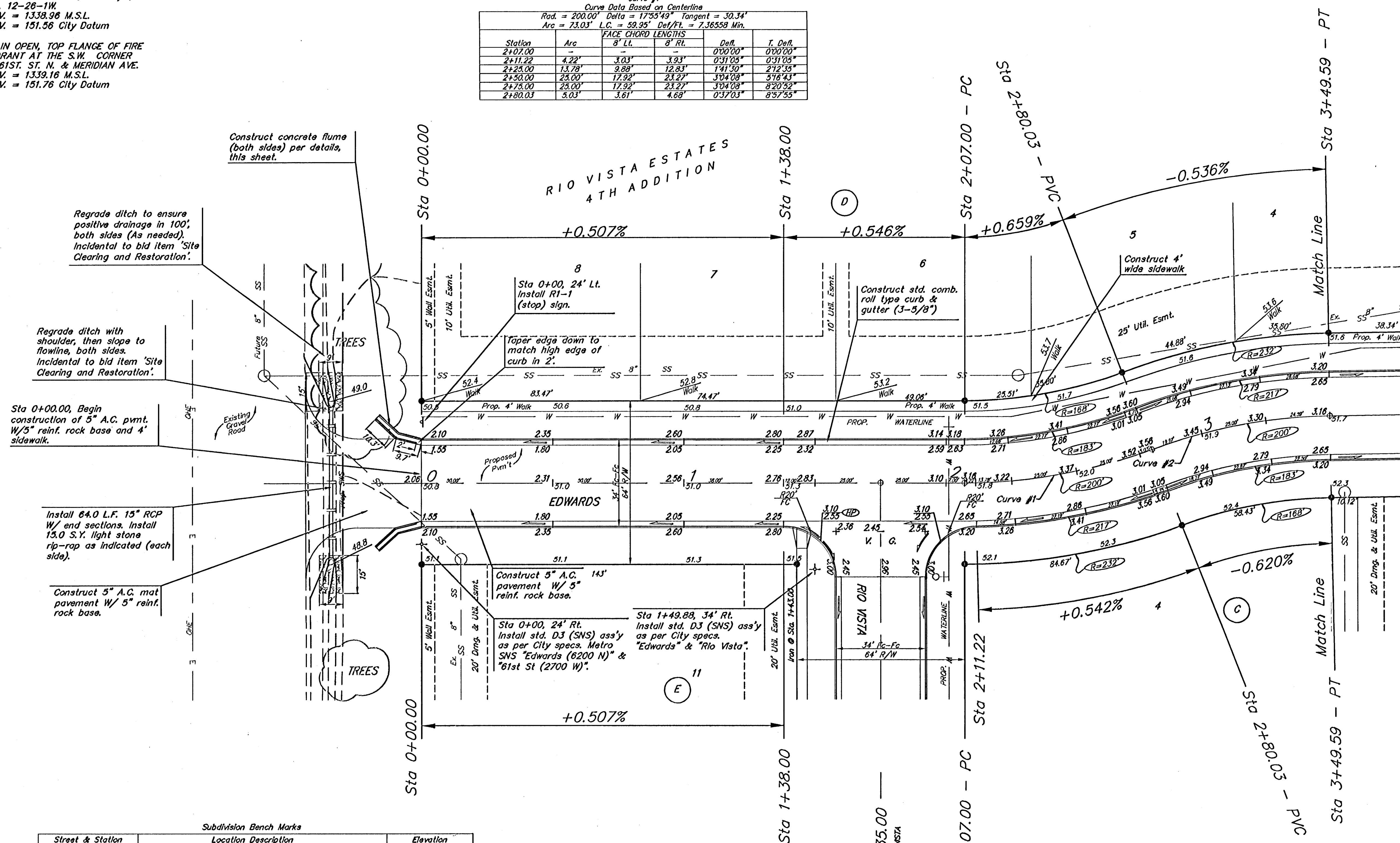
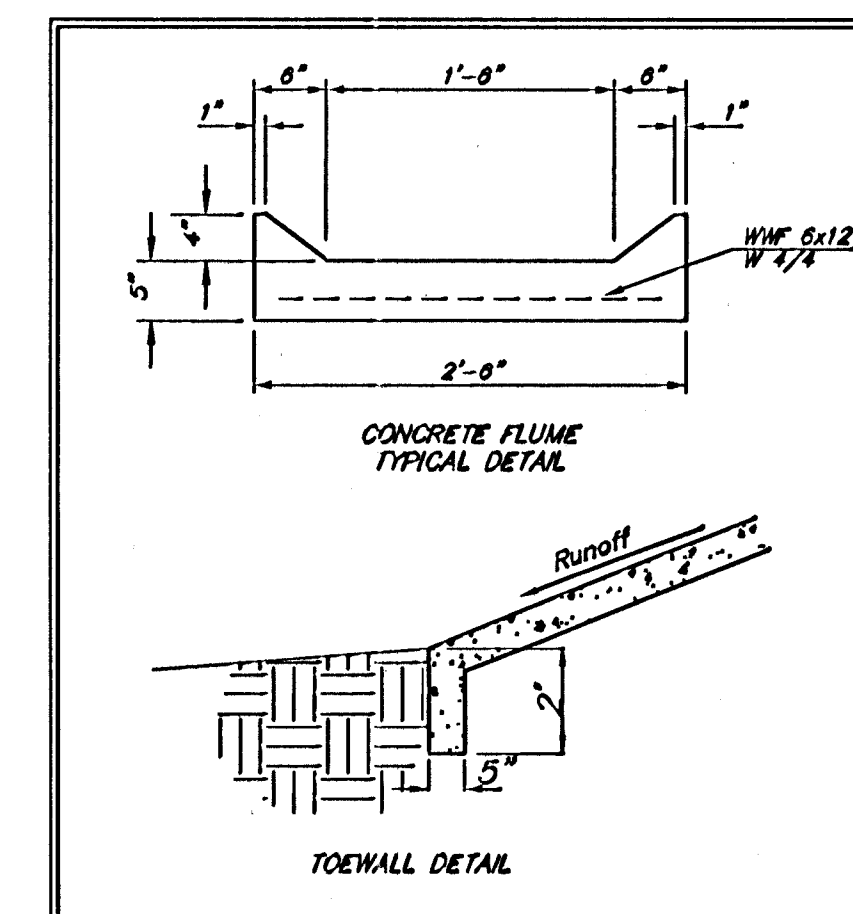


"O" IN OPEN, TOP FLANGE OF FIRE
HYDRANT AT THE S.W. CORNER
OF 61ST. ST. N. & MERIDIAN AVE.
ELEV. = 1339.16 M.S.L.
ELEV. = 151.76 City Datum

Curve #1						
Curve Data Based on Centerline						
Rad. = 200.0' Delta = 175°49.4' Tangent = 30.34'						
Arc = 73.05' L.C. = 59.95' Def/Ft. = 7.38558 Min.						
Station	Arc	FACE CURV LENGTHS		Def	T. Def	
		9' Lt.	9' Rt.			
2+07.00	-	0.000"	0.000"	0°00'00"	0°00'00"	
2+11.22	4.22'	3.03"	3.93"	0°31'05"	0°31'05"	
2+25.00	13.78'	8.88"	12.83"	1°41'50"	2°12'39"	
2+50.00	26.00'	17.92"	23.97"	3°49'58"	5°16'43"	
2+75.00	26.00'	23.97"	30.02"	3°04'08"	4°20'52"	
2+100.03	5.03'	3.61"	4.68"	0°37'03"	0°35'55"	



Scale: 1" = 20'



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+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'.

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

Curve #2
Curve Data Based on Centerline

Rad. = 200.00'		Delta = 16°-56'-44"		Tangent = 26.56'	
Arc = 69.58'		L.C. = 52.27'		Def/Ht = 6.49272' Min.	
FACTORED LENGTHS					
Station	Arc	θ - PI	θ - PI	Defn.	T. Defn.
2+80.03	-	-	-	00000"	00000
3+00.00	19.97'	21.93"	13.16"	20940"	20940
3+25.00	25.00'	16.31"	16.44"	24273"	43159
3+49.58	24.49'	20.85"	21.19"	21719"	

	Rio Vista Estates 4th Addition Edwards STA 0+00 TO STA 3+49.59	
	Baughman Company, P.A. 315 Elm & Widem, S.E. 8111 7316-383771 7316-383040 ENGINEERING / SURVEYING / PLANNING / LANDSCAPE ARCHITECTURE	
PROJECT NUMBER 472-84056	DESIGN MWS	DRAWN JWH
REVISIONS	APPROVED	DATE 7/05
	SCALE Noted	
	SHEET 6 OF 51	