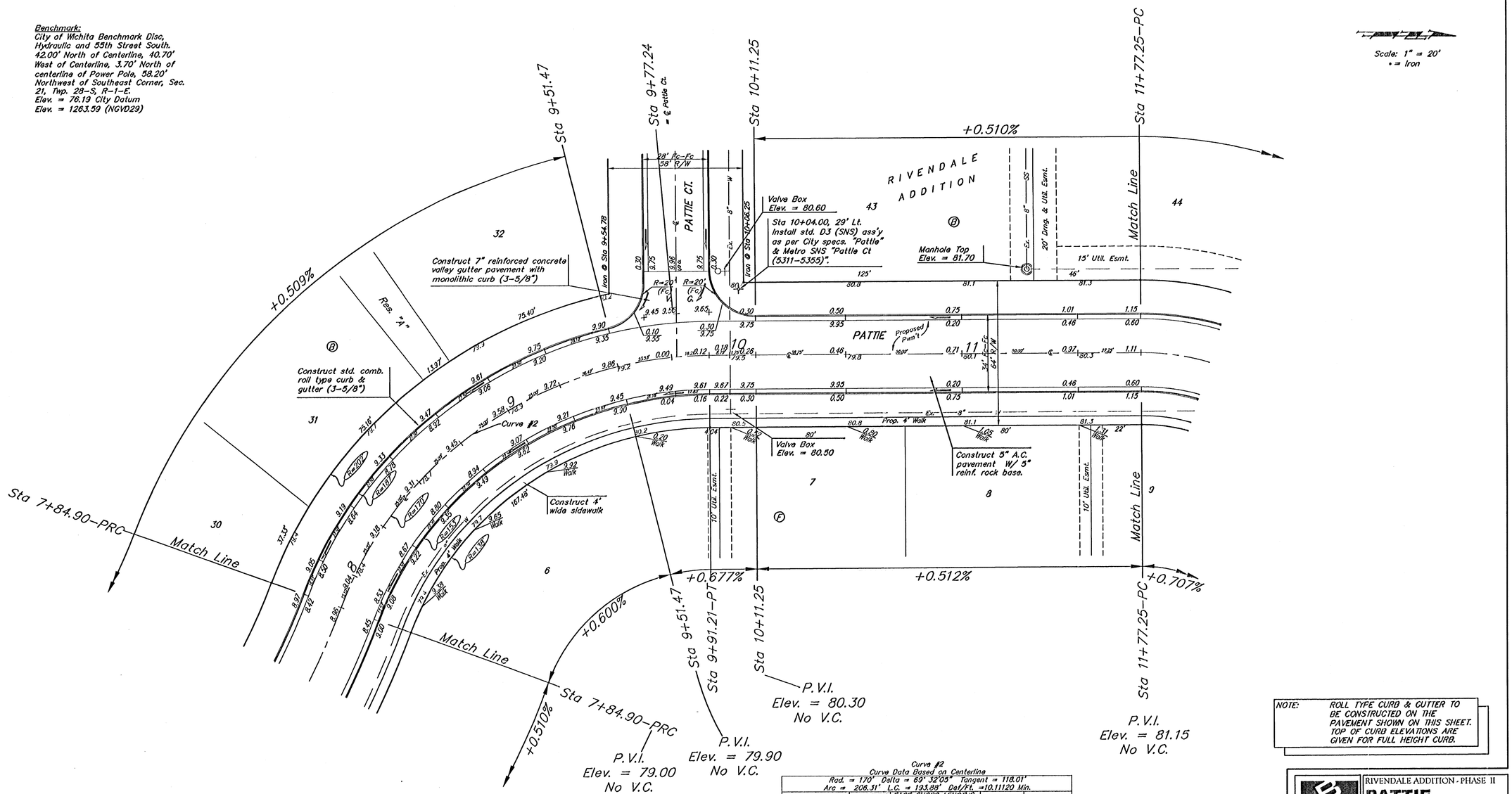
Benchmark:
City of Wichita Benchmark Disc,
Hydraulic and 55th Street South.
42.00' North of Centerline, 40.70'
West of Centerline, 3.70' North of
centerline of Power Pole, 58.20'
Northwest of Southeast Corner, Sec.
21, Twp. 28-S, R-1-E.
Elev. = 76.19 City Datum
Elev. = 1263.59 (NGVD29)

Scale: 1" = 20'
• = Iron



NOTE: ROLL TYPE CURB & CUTTER 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
Pattie Ct. 3+54.24, 14.25' Lt.	Adjacent to Fire Hydrant at the Southeast corner of Lot 43, Block B	
Mona Cir. 3+05.54, 14.25' Rt.	Adjacent to Fire Hydrant at the Northeast corner of Lot 44, Block B	
Victoria Ct. 0+37.00, 14.25' Rt.	Adjacent to Fire Hydrant at the Northwest corner of Lot 25, Block C	

Curve #2
Curve Data Based on Centerline
Rad. = 170' Delta = 69° 32'05" Tangent = 118.01'
Arc = 206.31' L.C. = 193.88' Def/Ft. =10.11120 Min.

Station	Arc	FACE CHORD LENGTHS 8" Lt.	8" Rt.	Defl.	T. Defl.
7+84.90	→	—	—	0°00'00"	0°00'00"
8+00.00	15.10'	17.32'	12.88'	2°32'41"	2°32'41"
8+25.00	25.00'	28.65'	21.30'	4°12'47"	6°45'27"
8+50.00	25.00'	28.65'	21.30'	4°12'47"	10°58'14"
8+75.00	25.00'	28.65'	21.30'	4°12'47"	15°11'01"
9+00.00	25.00'	28.65'	21.30'	4°12'47"	19°23'48"
9+25.00	25.00'	28.65'	21.30'	4°12'47"	23°36'35"
9+50.00	25.00'	28.65'	21.30'	4°12'47"	27°49'21"
9+51.47	1.47'	1.69'	1.25'	0°14'52"	28°04'13"
9+77.24	25.77'	29.53'	21.96'	4°20'34"	32°24'47"
9+91.21	13.97'	16.02'	11.91'	2°21'15"	34°46'02"

Baughman Company, P.A. 315 E. 8th St. Wichita, KS 67211 P 316.262.2771 F 316.262.0749
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

RIVENDALE ADDITION - PHASE II
PATTIE
STA 7+84.90 TO STA 11+77.25

PROJECT NUMBER 472.83561 | DESIGN MS | DRAWN TMS
REVISIONS | APPROVED | DATE 02/05
SCALE Noted
SHEET **7 OF 28**

Rivendale/Phase2/Str2 05-01-E138