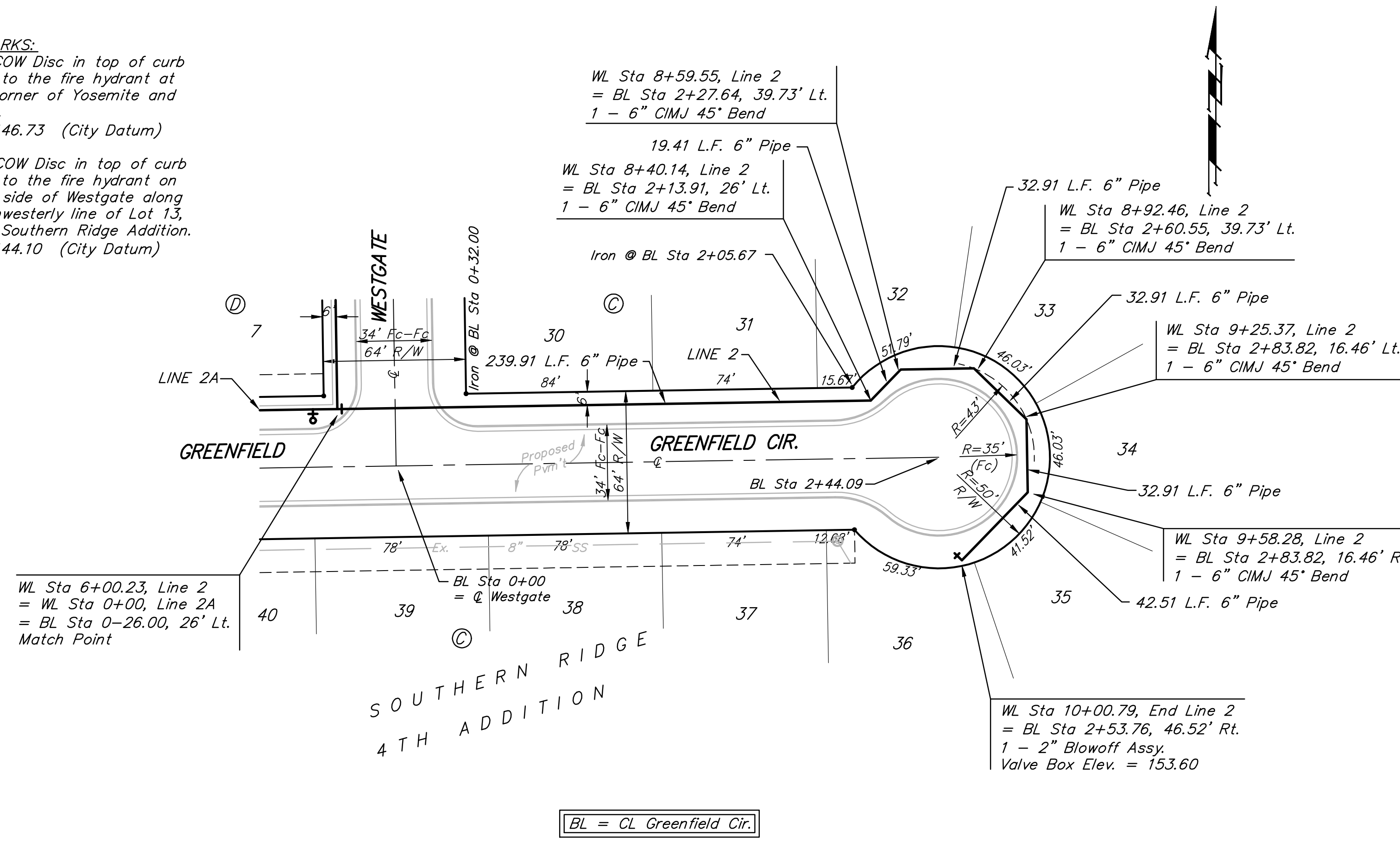


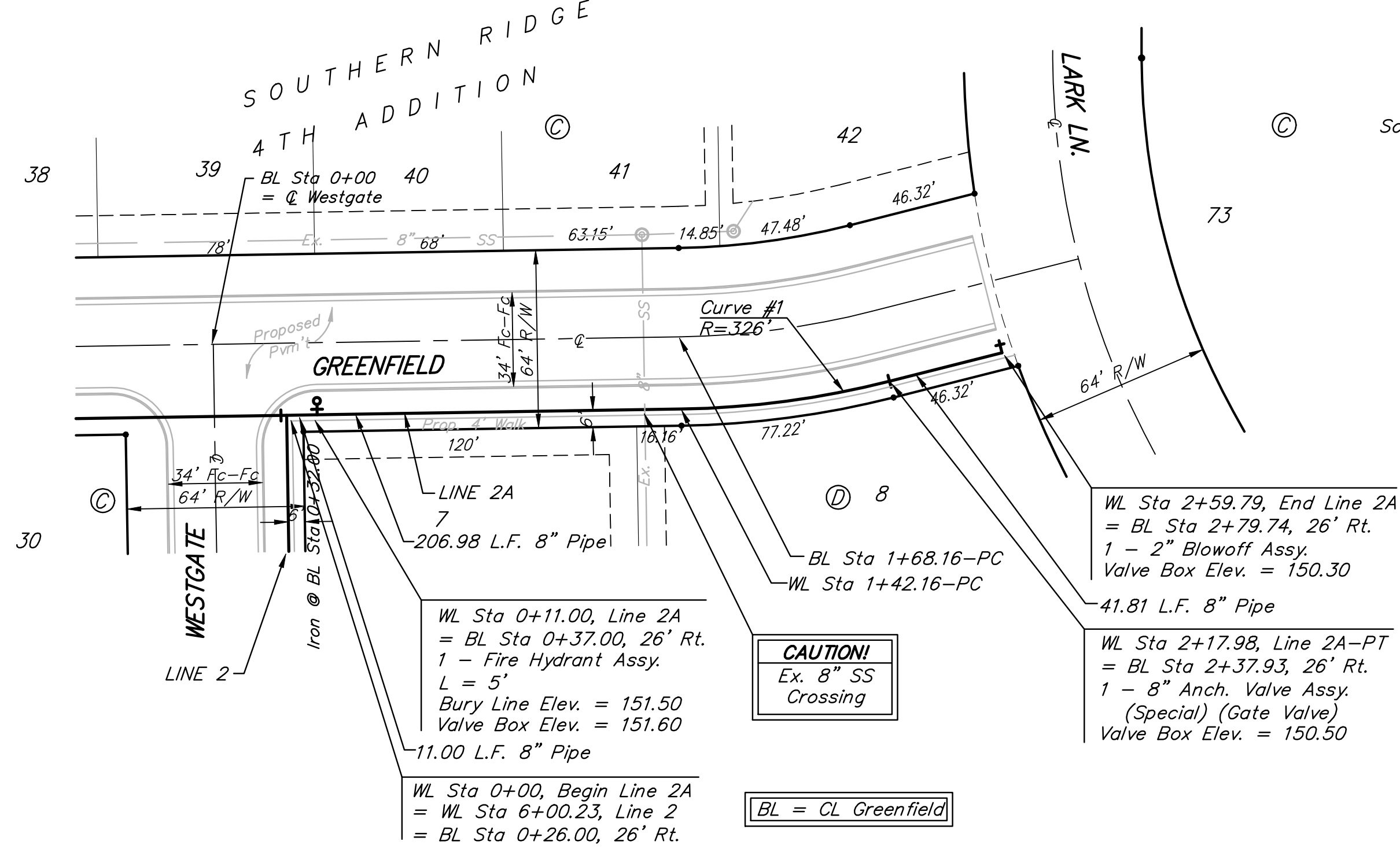
**BENCHMARKS:**  
 BM #1: COW Disc in top of curb adjacent to the fire hydrant at the SW corner of Yosemite and Lamp Cir.  
 Elev. = 146.73 (City Datum)

BM #2: COW Disc in top of curb adjacent to the fire hydrant on the west side of Westgate along the southwesterly line of Lot 13, Block B, Southern Ridge Addition.  
 Elev. = 144.10 (City Datum)

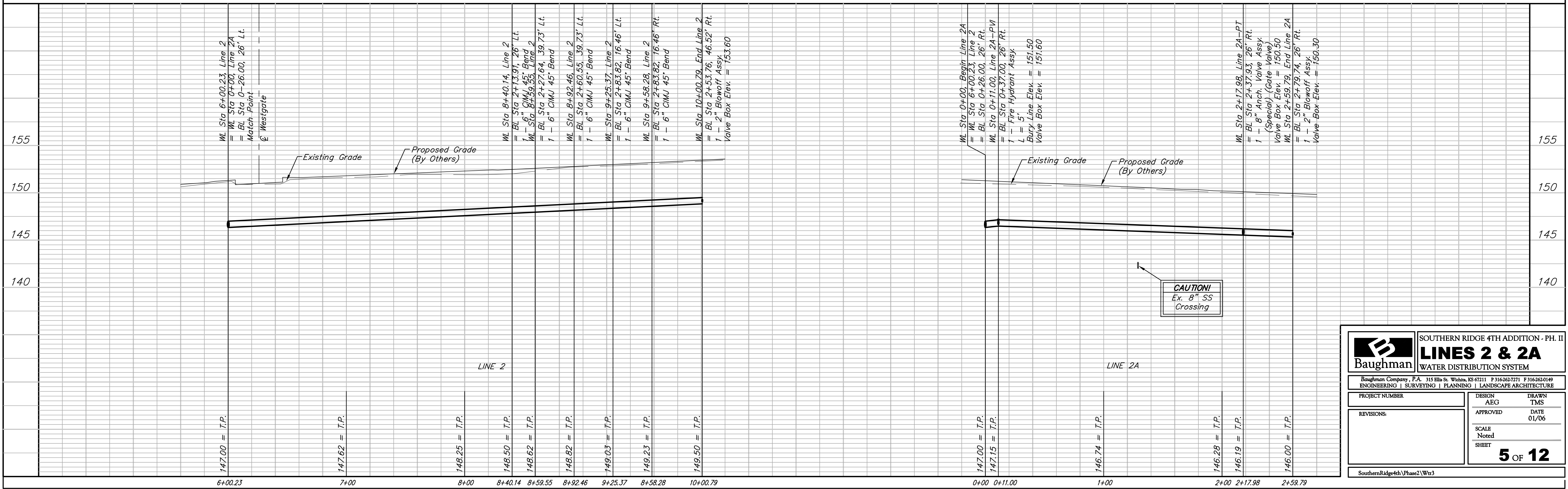


Curve #1  
 Curve Data Based on Waterline  
 Rad. = 326' Delta = 13° 19' 33" Tangent = 38.08'  
 Arc = 75.82' L.C. = 75.65' Def/Ft. = 5.27269 Min.

Station	Arc	CHORD LENGTHS		
		6' Rt.	Defl.	T. Defl.
1+42.16	-	-	0'00"00"	0'00"00"
1+50.00	7.84'	7.98'	0'41"20"	0'41"20"
1+75.00	25.00'	25.45'	2'11"49"	2'53"09"
2+00.00	25.00'	25.45'	2'11"49"	5'04"58"
2+17.98	17.98'	18.31'	1'34"48"	6'39"46"



Scale: 1" = 40' Horizontal  
 1" = 5' Vertical  
 • = Iron



**Baughman** SOUTHERN RIDGE 4TH ADDITION - PH. II  
**WATER LINES 2 & 2A**  
 WATER DISTRIBUTION SYSTEM

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149  
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER	DESIGN AEG	DRAWN TMS
REVISIONS:	APPROVED	DATE 01/06
	SCALE Noted	SHEET

**5 OF 12**

SouthernRidge4th\Phase2\Wtr3