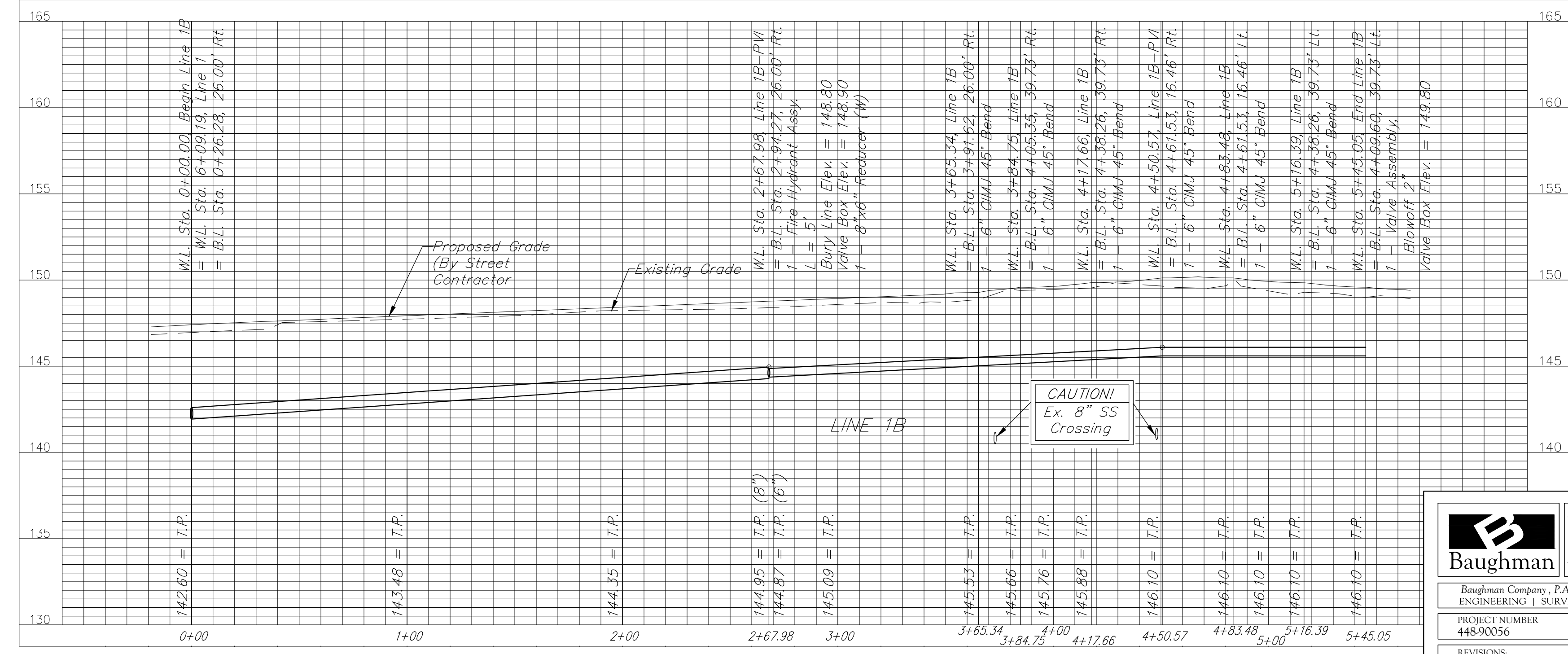
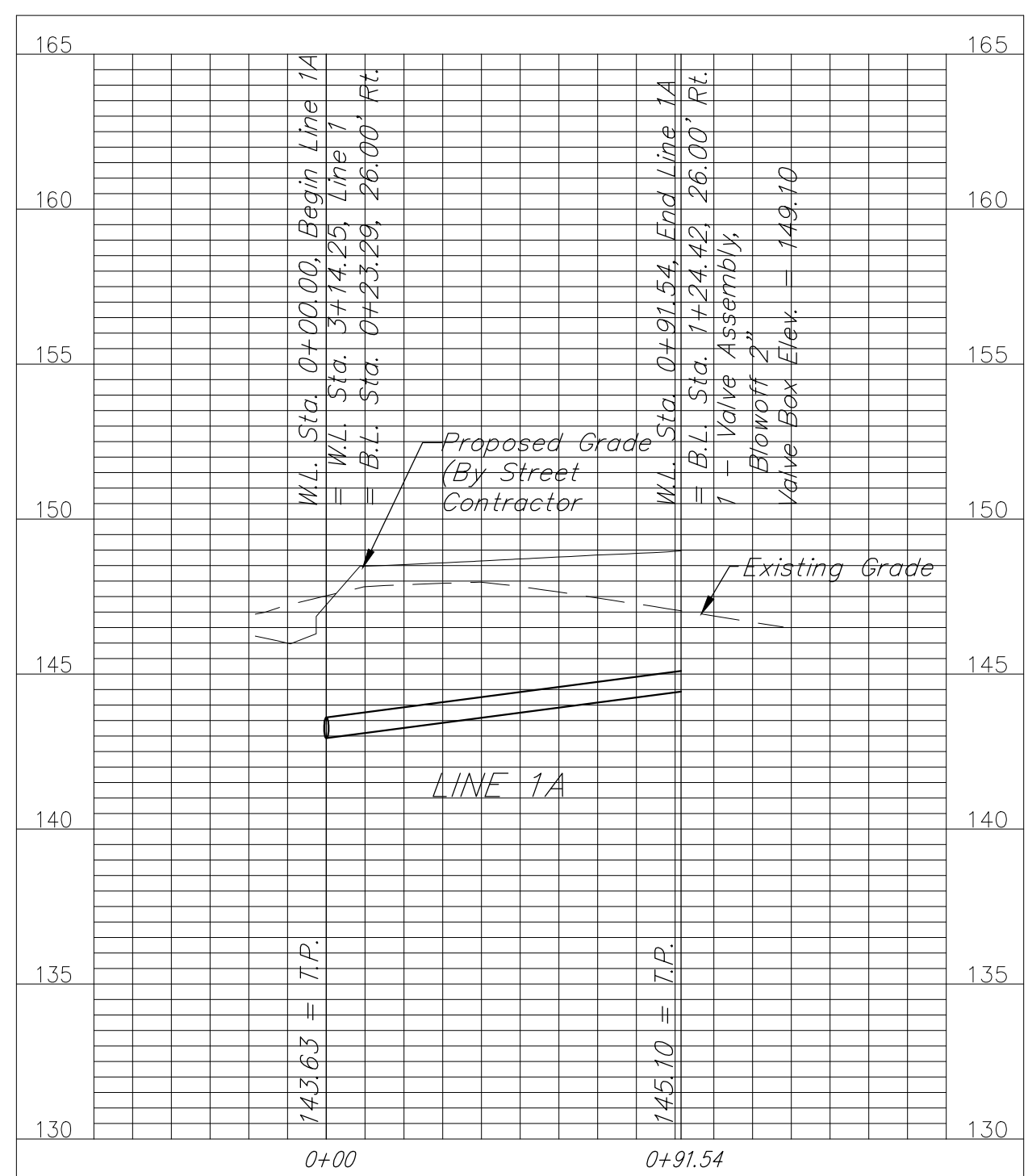
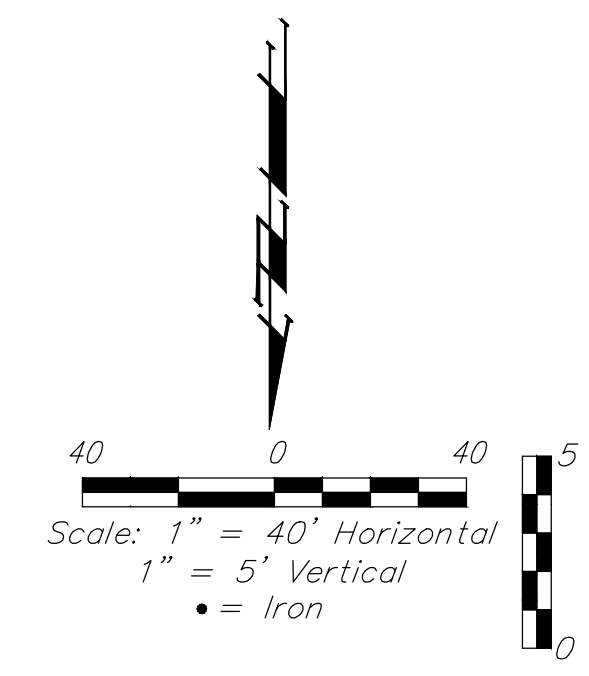
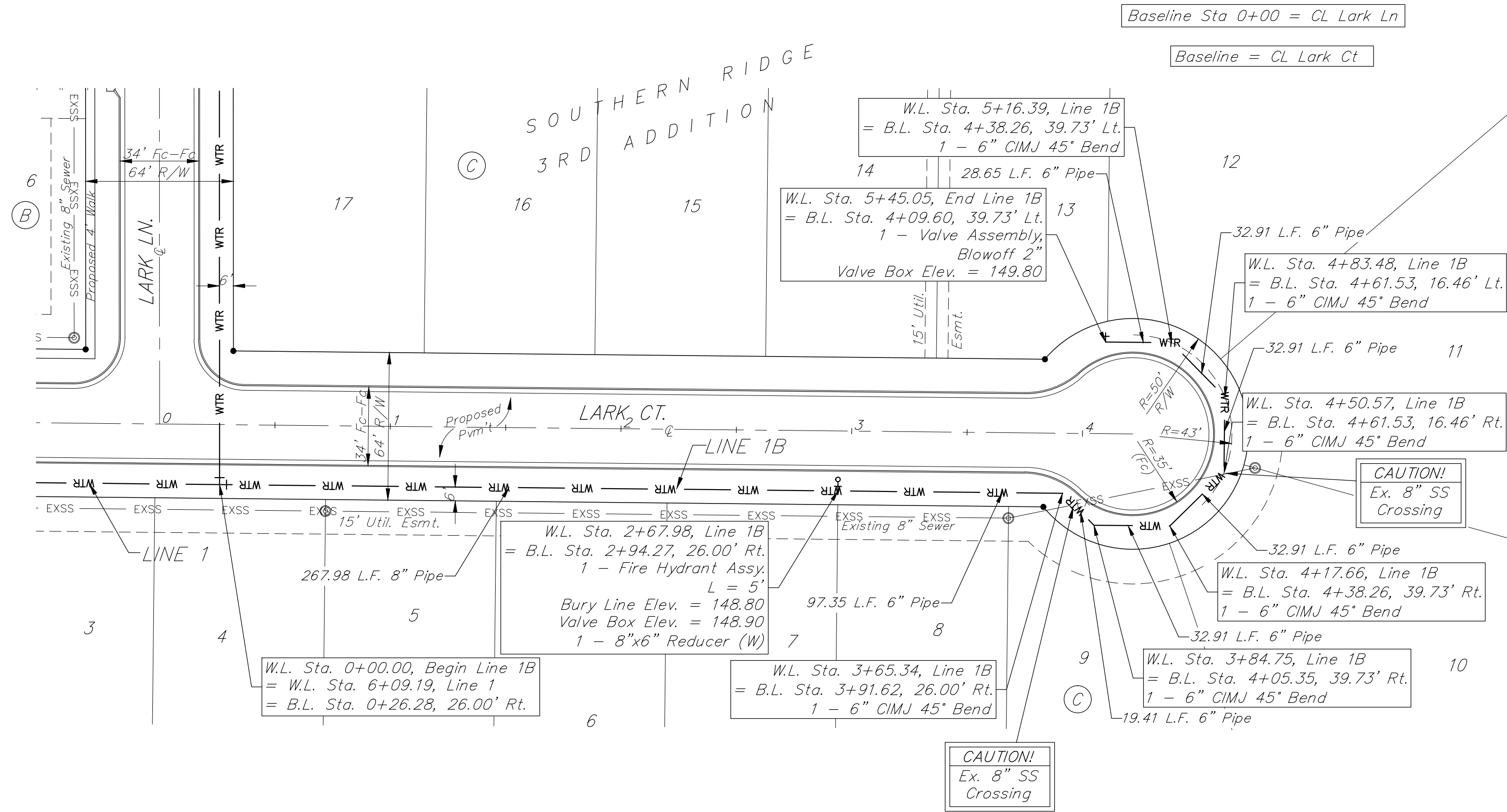
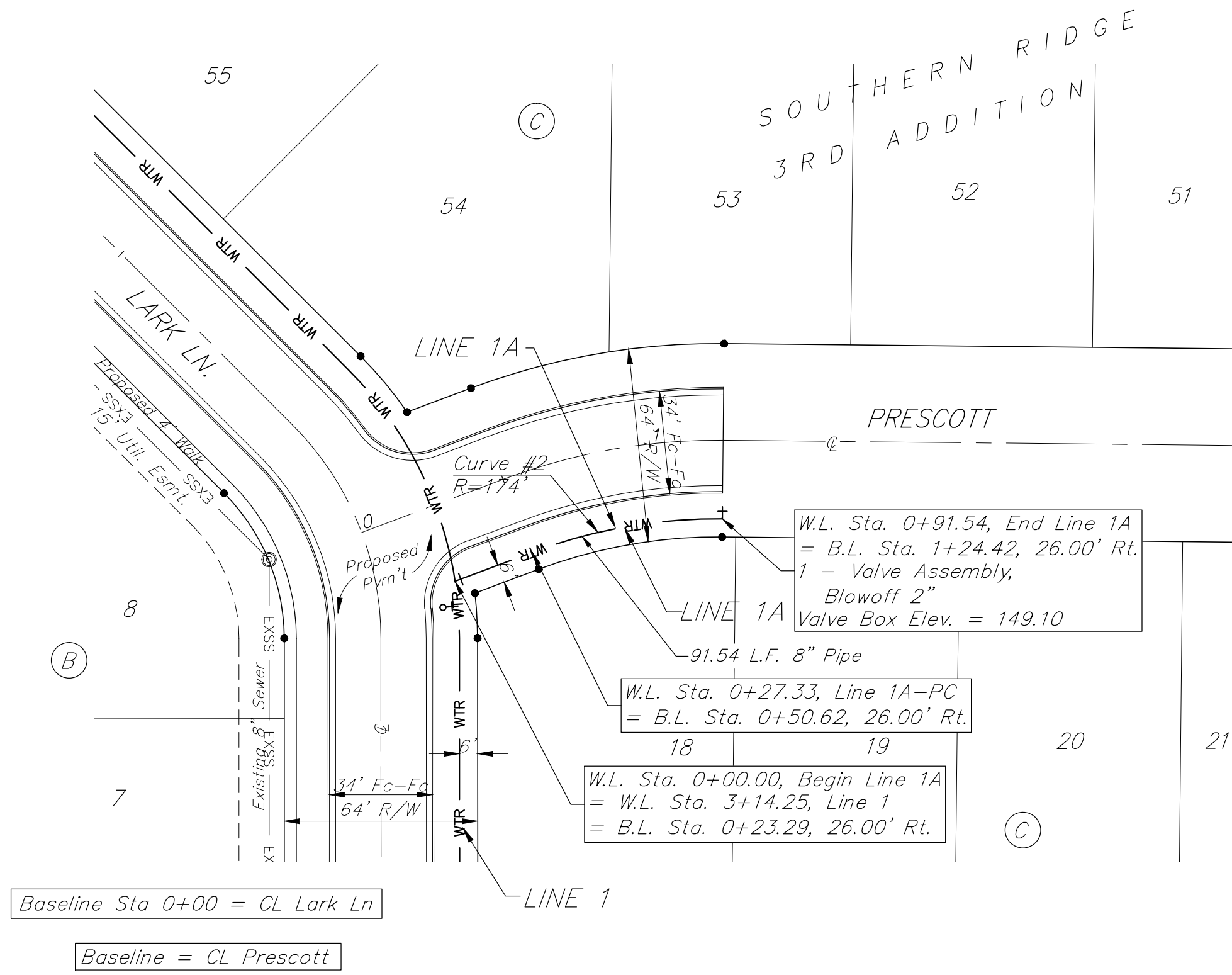


**BENCHMARKS:**  
 BM #1: "+ " cut on sidewalk adjacent to manhole, east side of Lark Lane, north of Lot 1, Block B, Southern Ridge 3rd Addition.  
 Elev. = 144.56 (City Datum)

BM #2: "+ " cut on sidewalk adjacent to south line of curb inlet on east side of Lark Lane, near Lot 11, Block B, Southern Ridge 3rd Addition.  
 Elev. = 146.93 (City Datum)

Curve #2				
Curve Data Based on Waterline				
Rad. = 174'		Delta = 21°08'36"		Tangent = 32.47'
Arc = 64.21'		L.C. = 63.85'		Def./Ft. = 9.87852 Min.
Station	Arc	6' Right	Defl.	Total Defl.
0+27.33	-	-	0°00'00"	0°00'00"
0+50.00	22.67'	21.87'	3°43'57"	3°43'57"
0+75.00	25.00'	24.12'	4°06'58"	7°50'55"
0+91.54	16.54'	15.96'	2°43'23"	10°34'18"

For radii under 200', contractor shall use short pipe lengths.



**Baughman** SOUTHERN RIDGE 3RD ADD. PH. 5A  
**LINE 1A & 1B**  
 WATER DISTRIBUTION SYSTEM

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-2721 F 316-262-0149  
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 448-90056	DESIGN DMV	DRAWN TMS
REVISIONS:	APPROVED	DATE 09/16
	SCALE Noted	
	SHEET	

**6 OF 14**