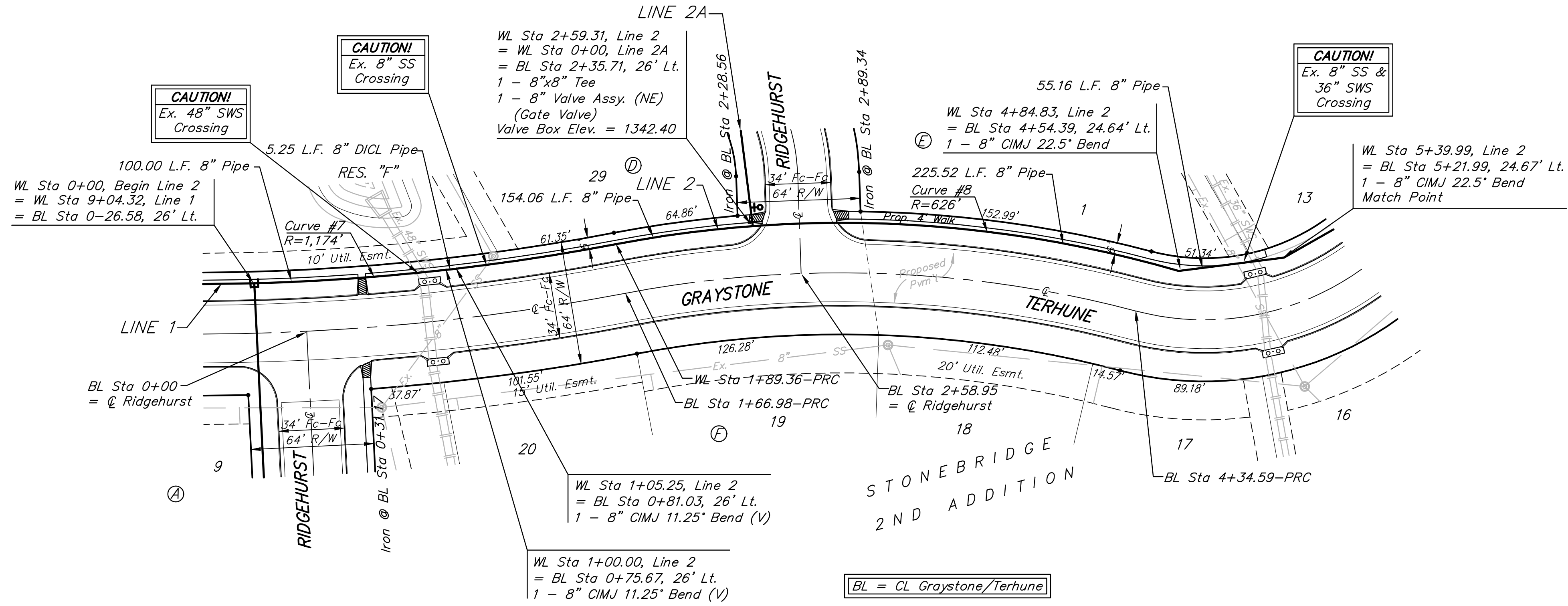


**BENCHMARK:**  
 BM #1: "□" CUT, TOP OF CURB, S. SIDE OF SUNDANCE AS DEDICATED IN SAVANNA AT CASTLE ROCK RANCH 7TH ADDITION, 25± W. OF THE WEST LINE OF THE SE1/4 OF SEC. 12, TWP. 27-S, R-2-E.  
 ELEV. = 1347.33 NGVD29

BM #2: 60d NAIL IN HIGH LINE POLE, 30' SOUTH OF S1/4 COR., SEC. 12, TWP. 27-S, R-2-E.  
 ELEV. = 1348.58 NGVD29 (PER COUNTY RECORD)

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

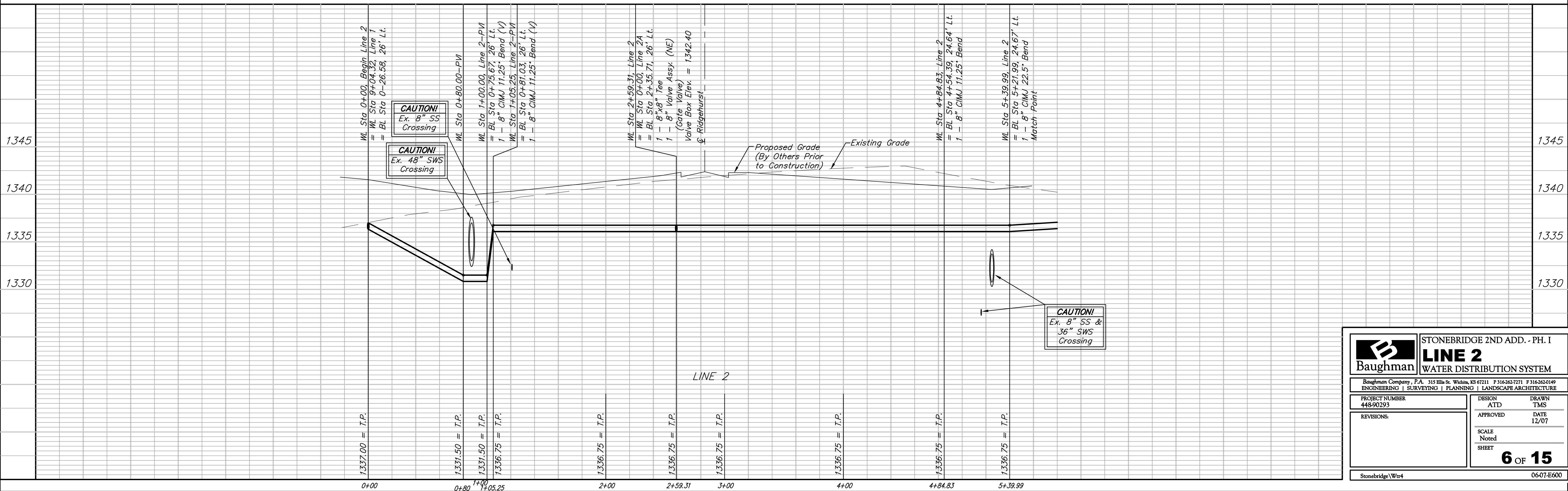


Curve #7  
 Curve Data Based on Waterline  
 Rad. = 1174' Delta = 9°14'30" Tangent = 94.89'  
 Arc = 189.36' L.C. = 189.16' Def/Ft. = 1.46414 Min.

Station	Arc	CHORD LENGTHS 6' Lt.	Defl.	T. Defl.
0+00.00	-	-	0'00'00"	0'00'00"
0+25.00	25.00'	24.87'	0'36'36"	0'36'36"
0+50.00	25.00'	24.87'	0'36'36"	1'13'12"
0+75.00	25.00'	24.87'	0'36'36"	1'49'48"
1+00.00	25.00'	24.87'	0'36'36"	2'26'24"
1+05.25	5.25'	5.22'	0'07'41"	2'34'06"
1+25.00	19.75'	19.65'	0'28'55"	3'03'01"
1+33.00	8.00'	7.96'	0'11'43"	3'14'44"
1+50.00	17.00'	16.91'	0'24'53"	3'39'37"
1+75.00	25.00'	24.87'	0'36'36"	4'16'13"
1+89.36	14.36'	14.29'	0'21'01"	4'37'15"

Curve #8  
 Curve Data Based on Waterline  
 Rad. = 626' Delta = 27°02'36" Tangent = 150.54'  
 Arc = 295.47' L.C. = 292.73' Def/Ft. = 2.74579 Min.

Station	Arc	CHORD LENGTHS 6' Lt.	Defl.	T. Defl.
1+89.36	-	-	0'00'00"	0'00'00"
2+00.00	10.64'	10.74'	0'29'13"	0'29'13"
2+25.00	25.00'	25.24'	1'08'38"	1'37'51"
2+50.00	25.00'	25.24'	1'08'38"	2'46'30"
2+59.31	9.31'	9.40'	0'25'34"	3'12'04"
2+75.00	15.69'	15.84'	0'43'05"	3'55'09"
3+00.00	25.00'	25.24'	1'08'38"	5'03'47"
3+25.00	25.00'	25.24'	1'08'38"	6'12'26"
3+50.00	25.00'	25.24'	1'08'38"	7'21'05"
3+75.00	25.00'	25.24'	1'08'38"	8'29'44"
4+00.00	25.00'	25.24'	1'08'38"	9'38'22"
4+25.00	25.00'	25.24'	1'08'38"	10'47'01"
4+50.00	25.00'	25.24'	1'08'38"	11'55'40"
4+75.00	25.00'	25.24'	1'08'38"	13'04'18"
4+84.83	9.83'	9.92'	0'26'59"	13'31'18"



**Baughman** ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

STONEBRIDGE 2ND ADD. - PH. I  
**LINE 2**  
 WATER DISTRIBUTION SYSTEM

PROJECT NUMBER: 448-90293  
 DESIGN: ATD  
 DRAWN: TMS  
 APPROVED: [Signature]  
 DATE: 12/07

SCALE: Noted  
 SHEET: **6 OF 15**

Stonebridge/Wtr4 06-07-E600