

**BENCHMARKS:**  
 BM #1: "□" Cut on top of curb, east side of Ridgehurst, adjacent to common front lot corner of Lots 6 & 7, Block E, Stonebridge 2nd Addition.  
 ELEV. = 1348.51 NGVD29

BM #2: "□" Cut on top of curb, south side of Sundance, near end of pavement in front of Lot 6, Block 3, Savannah at Castle Rock Ranch 7th Addition.  
 ELEV. = 1347.33 NGVD29

WL Sta 9+31.32, Line 1  
 = BL Sta 10+08.16, 26' Lt.  
 1 - Fire Hydrant Assy.  
 L = 5'  
 Bury Line Elev. = 1352.10  
 Valve Box Elev. = 1352.20

WL Sta 16+26.71, End Line 1  
 = WL Sta 6+36.00, Line 2  
 = BL Sta 17+02.54, 26' Lt.

WL Sta 13+10.14, Line 1  
 = BL Sta 13+50.78, 24.74' Lt.  
 1 - 8" CIMJ 22.5' Bend

WL Sta 13+40.45, End Line 1  
 = BL Sta 13+91.38, 24.95' Lt.  
 1 - 8" CIMJ 22.5' Bend

WL Sta 14+00.03, Line 1  
 = BL Sta 14+71.25, 24.74' Lt.  
 1 - 8" CIMJ 22.5' Bend

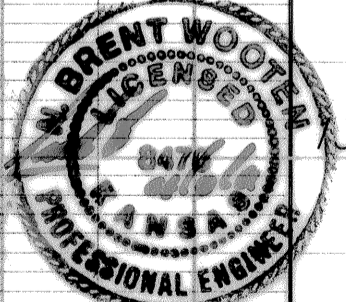
WL Sta 13+69.73, End Line 1  
 = BL Sta 14+30.65, 24.95' Lt.  
 1 - 8" CIMJ 22.5' Bend

Curve #2  
 Curve Data Based on Waterline  
 Rad. = 126' Delta = 90° 54' 38" Tangent = 128.02'  
 Arc = 199.92' L.C. = 179.60' Del/Ft. = 13.64208 Min.

Station	Arc	6" Lt.	Defl.	T. Defl.
9+57.29	0.00'	0.00'	0°00'00"	0°00'00"
9+75.00	17.71'	18.54'	4°01'36"	4°01'36"
10+00.00	25.00'	26.15'	5°41'03"	9°42'39"
10+25.00	25.00'	26.15'	5°41'03"	15°23'42"
10+50.00	25.00'	26.15'	5°41'03"	21°04'45"
10+75.00	25.00'	26.15'	5°41'03"	26'45'48"
11+00.00	25.00'	26.15'	5°41'03"	32°26'51"
11+25.00	25.00'	26.15'	5°41'03"	38°07'55"
11+50.00	25.00'	26.15'	5°41'03"	43'48'58"
11+57.21	7.21'	7.55'	1°38'21"	45°27'19"

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

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



**B** Baughman  
**STONEBRIDGE 2ND ADD. - PH. II**  
**LINE 1**  
**WATER DISTRIBUTION SYSTEM**

Baughman Company, P.A. 315 E. S. W. 11th St., Suite 100, Ft. Lauderdale, FL 33304  
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER: 448-90294  
 DESIGN: TJW  
 DRAWN: TMS  
 APPROVED: NBW  
 DATE: 03/11  
 SCALE: Noted  
 SHEET: 4 OF 14

03-07 Wtr1.dwg 06-08-E634

