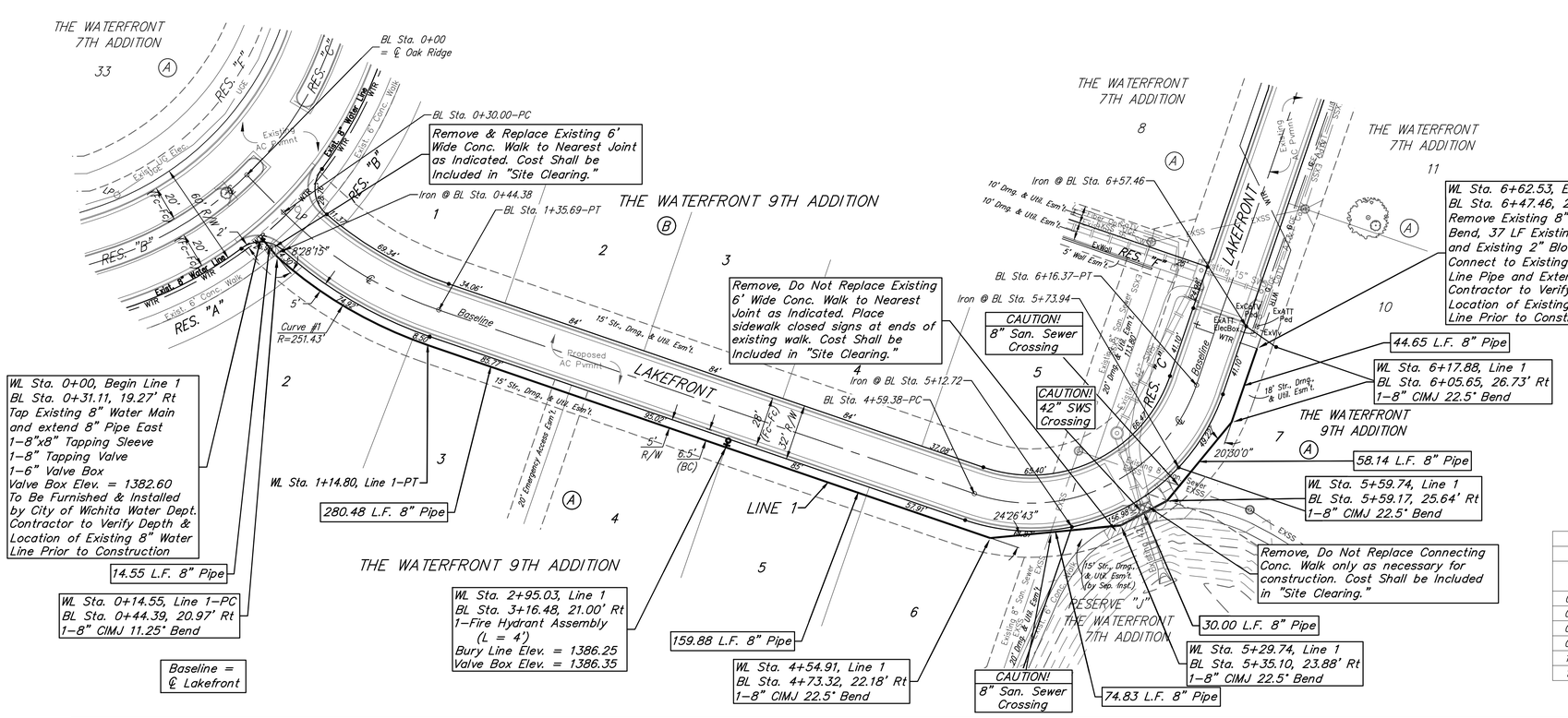
BENCHMARK #1:
Chiseled square on top of curb, west end of south median curb within Red Oaks R/W, east side of Waterfront Parkway R/W. Elev. = 1380.50 NAVD88

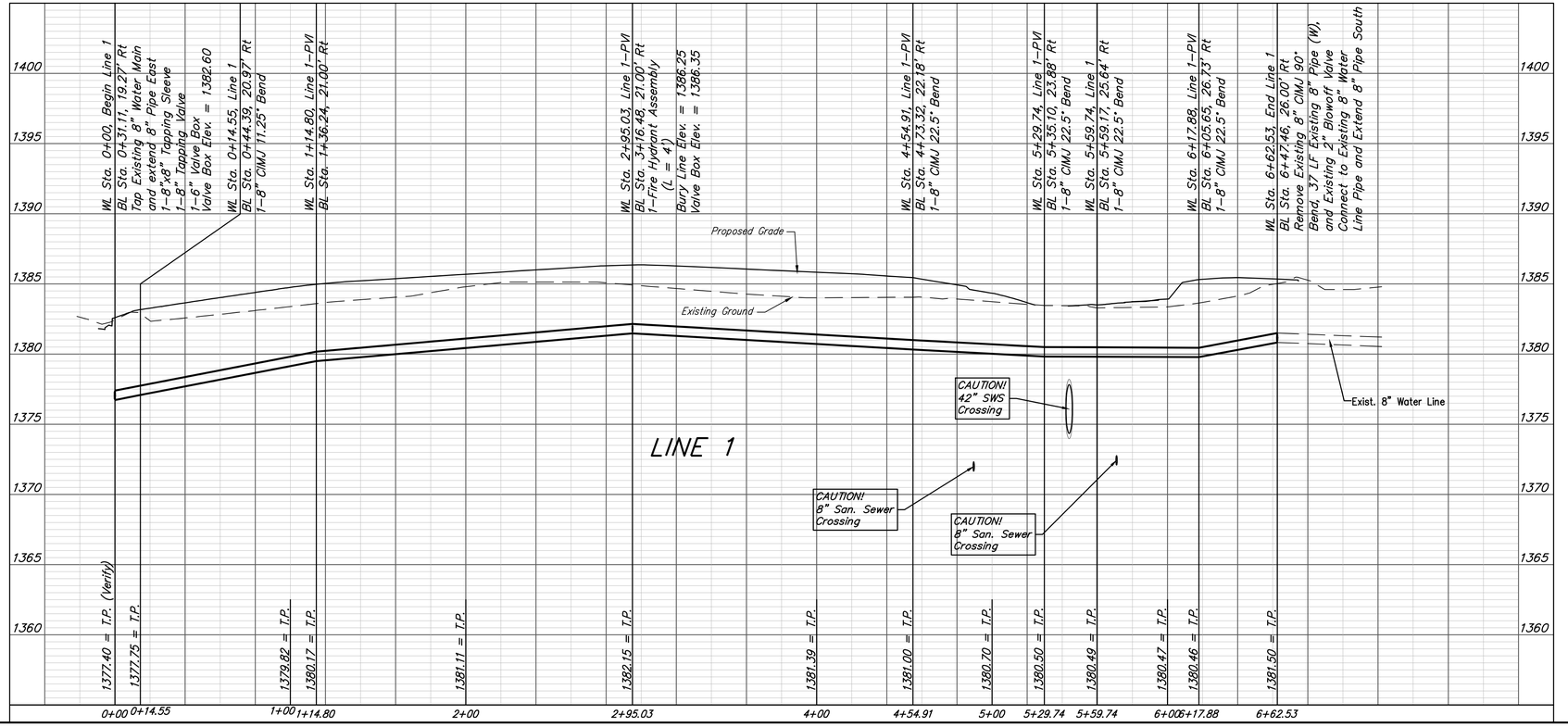
BENCHMARK #2:
Chiseled cross on conc. sidewalk, deflection corner in northwest line of Reserve "J", The Waterfront Seventh Addition. Elev. = 1381.88 NAVD88



FIRE HYDRANTS REQUIRED				
STATION	BURY LINE ELEVATION	TOP OF PIPE ELEVATION	FIRE HYDRANT BURY REQUIRED*	VALVE STEM EXT. REQUIRED (ft)*
2+95.03	1386.10	1382.15	4.5	–

Curve #1
Curve Data Based on Centerline of Pipe

Rad. = 251.43' Delta = 22°50'36" Tangent = 50.80'				
Arc = 100.25' L.C. = 99.58' Def./Ft. = 6.83591 Min.				
Station	Arc	Chord 8' Right	Defl.	Total Defl.
0+14.55	–	–	0°00'00"	0°00'00"
0+25.00	10.45'	10.78'	1°11'26"	1°11'26"
0+50.00	25.00'	25.78'	2°50'54"	4°02'20"
0+75.00	25.00'	25.78'	2°50'54"	6°53'14"
1+00.00	25.00'	25.78'	2°50'54"	9°44'08"
1+14.80	14.80'	15.27'	1°41'10"	11°25'18"



Baughman

The Waterfront 9th Addition
LINE 1
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	DRAWN
448-90806	AEG	JAK
REVISIONS:	APPROVED	DATE
		4/04/17
	SCALE	
	Noted	
	SHEET	
	4 OF 12	

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