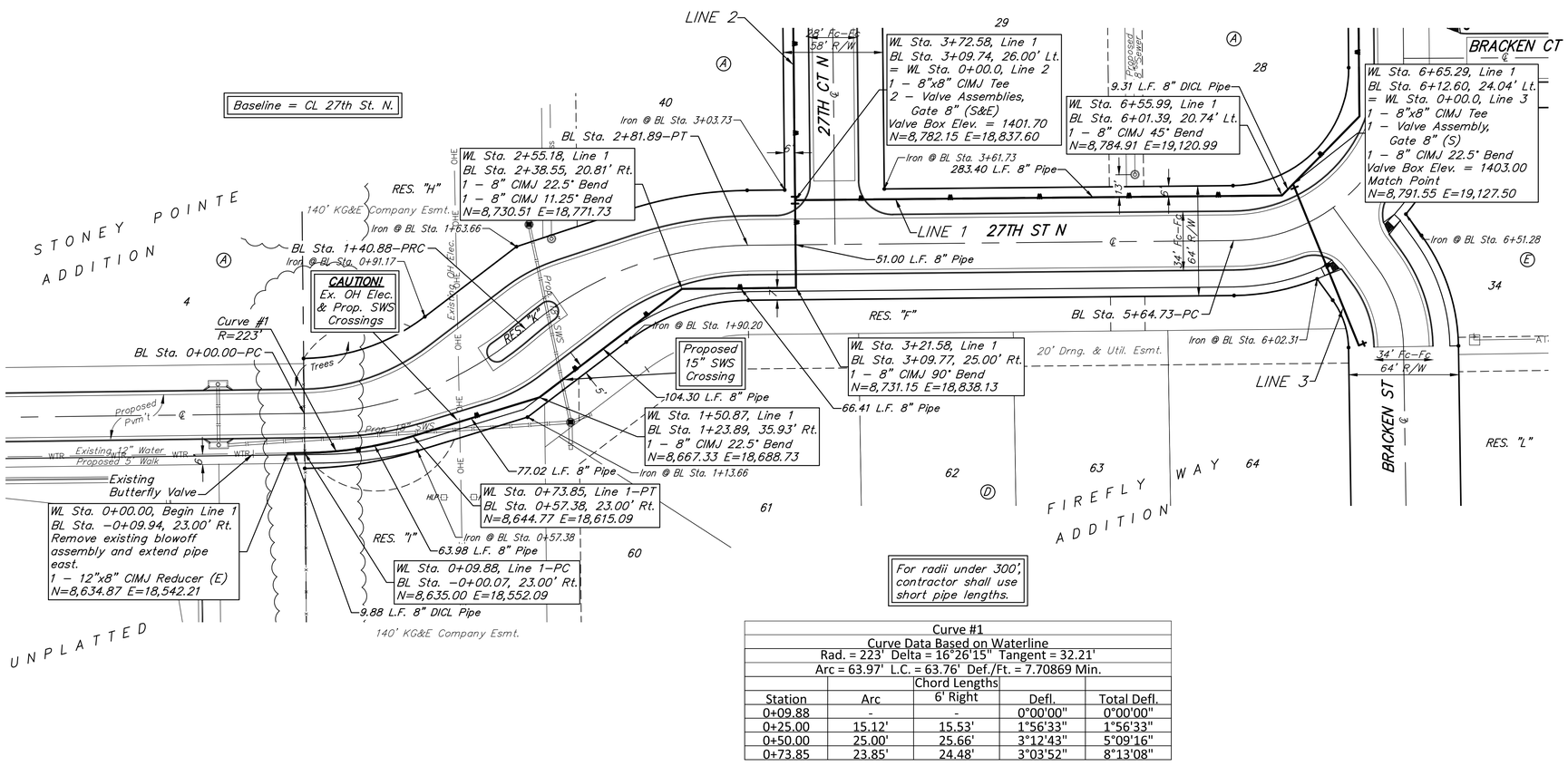
BENCHMARKS:
BM#1: RR spike in high line pole, 40' west and 30' south of Lot 60, Block D, Firefly Way Addition.
Elev. = 1399.54 NAVD88

BM#2: Benchmark disc in top of curb, adjacent to fire hydrant 15' south of SE corner of Lot 2, Block C, Firefly Way Addition.
Elev. = 1396.95 NAVD88

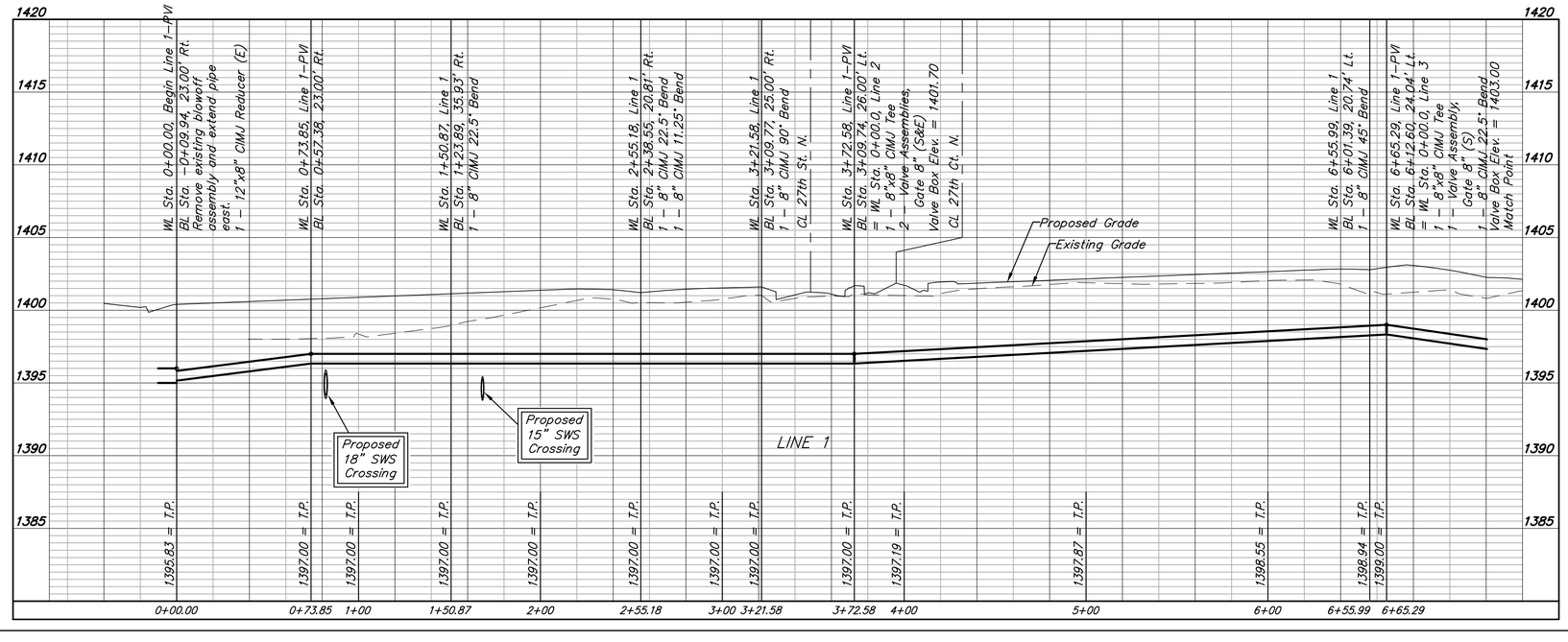
Trees in conflict with water line construction to be removed by contractor. To be paid for as lump sum bid item "Site Clearing"

All other trees shall remain and be protected from damage during construction. Overhanging limbs shall be trimmed by the Contractor using a chain saw only as necessary for construction and with approval of the Engineer. Cost of tree trimming to be included in bid item "Site Clearing"



Curve #1				
Curve Data Based on Waterline				
Rad. = 223' Delta = 16°26'15" Tangent = 32.21'				
Arc = 63.97' L.C. = 63.76' Def./Ft. = 7.70869 Min.				
		Chord Lengths		
Station	Arc	6' Right	Defl.	Total Defl.
0+09.88	-	-	0°00'00"	0°00'00"
0+25.00	15.12'	15.53'	1°56'33"	1°56'33"
0+50.00	25.00'	25.66'	3°12'43"	5°09'16"
0+73.85	23.85'	24.48'	3°03'52"	8°13'08"

DEPTH UNKNOWN
Contractor to Verify Depth & Location of Existing Water Line Prior to Construction.



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www.baughmancompany.com KANSAS LANDSCAPE ARCHITECTURAL CORPORATION
Designer: AKG Drawn: TMS Approved: Date: 03/19
Baughman File: Work Req.

FIREFLY WAY ADD. PH. 2
LINE 1
WATER DISTRIBUTION SYSTEM

REVISIONS

SHEET 2 OF 15

JUSTIN E. GOTTLOB LICENSED 17919 1/29/19 KANSAS PROFESSIONAL ENGINEER