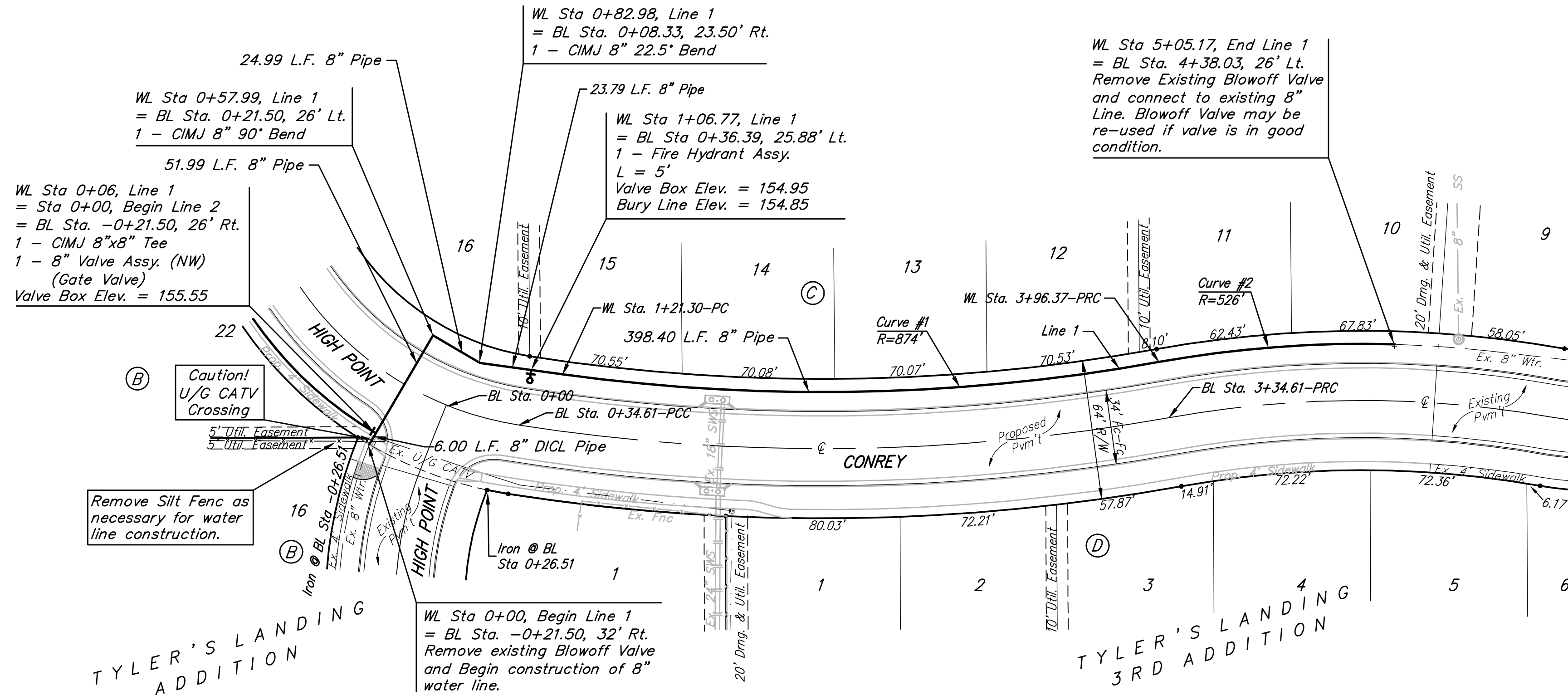


BENCHMARK:
 BM #1: "□" Cut in Middle of Curb Inlet Top, North Curb of Conrey, Adjacent to SW Corner of Lot 14, Block A, Tyler's Landing 3rd Addition.
 Elev. = 150.29 (1337.69 M.S.L.)

BM #2: "□" Cut in Top of East Curb of High Point, 10' South of End of Return, Adjacent to Lot 1, Block D, Tyler's Landing Addition.
 Elev. = 155.28 (1342.68 M.S.L.)



Curve #1
 Curve Data Based on Centerline
 Rad. = 874' Delta = 180°56' Tangent = 138.68'
 Arc = 275.07' L.C. = 273.93' Def./Ft. = 1.96665 Min.

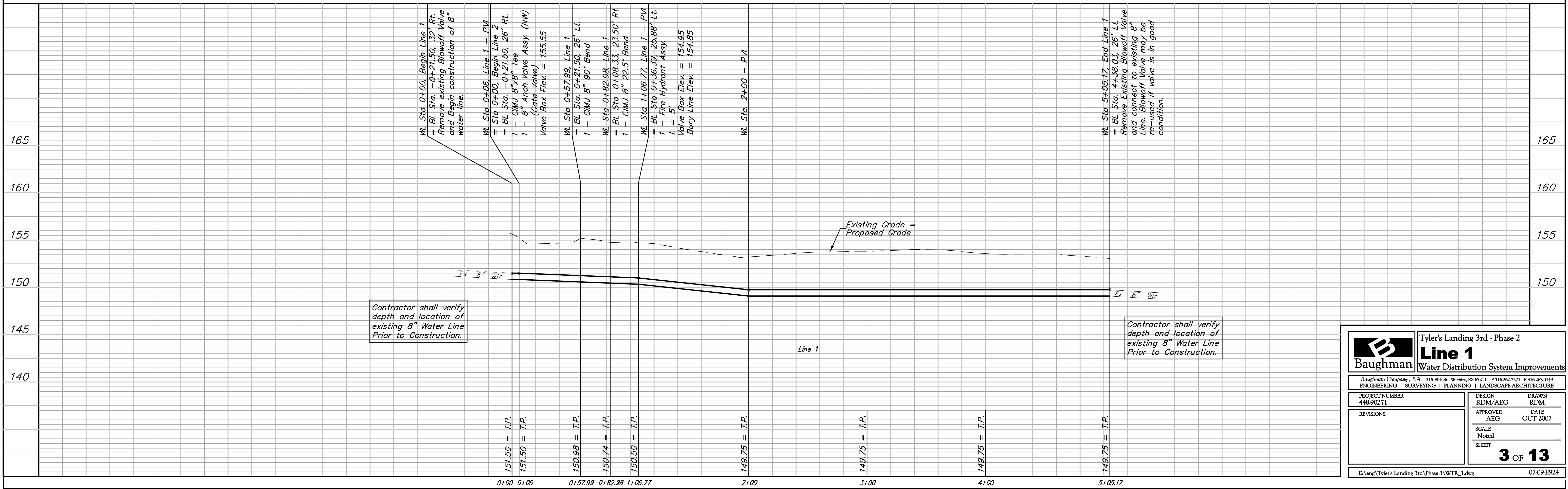
Station	Arc	Chord Lengths	Defl.	Total Defl.
1+21.30	—	6' Left	0°00'00"	0°00'00"
1+25.00	3.70'	3.67'	0°07'17"	0°07'17"
1+50.00	25.00'	24.83'	0°49'10"	0°56'27"
1+75.00	25.00'	24.83'	0°49'10"	1°45'37"
2+00.00	25.00'	24.83'	0°49'10"	2°34'47"
2+25.00	25.00'	24.83'	0°49'10"	3°23'57"
2+50.00	25.00'	24.83'	0°49'09"	4°13'06"
2+75.00	25.00'	24.83'	0°49'10"	5°02'16"
3+00.00	25.00'	24.83'	0°49'10"	5°51'26"
3+25.00	25.00'	24.83'	0°49'10"	6°40'36"
3+50.00	25.00'	24.83'	0°49'10"	7°29'46"
3+75.00	25.00'	24.83'	0°49'10"	8°18'56"
3+96.37	21.37'	21.22'	0°42'02"	9°00'58"

Curve #2
 Curve Data Based on Centerline
 Rad. = 526' Delta = 11°51'04" Tangent = 54.59'
 Arc = 108.80' L.C. = 108.60' Def./Ft. = 3.26777 Min.

Station	Arc	Chord Lengths	Defl.	Total Defl.
3+96.37	—	6' Left	0°00'00"	0°00'00"
4+00.00	3.63'	3.67'	0°11'52"	0°11'52"
4+25.00	25.00'	25.28'	1°21'41"	1°33'33"
4+50.00	25.00'	25.28'	1°21'42"	2°55'15"
4+75.00	25.00'	25.28'	1°21'42"	4°16'57"
5+00.00	25.00'	25.28'	1°21'41"	5°38'38"
5+05.17	5.17'	5.23'	0°16'54"	5°55'32"

Note: Contractor shall repair and restore any damage to lawn or irrigation system within Lot 16, Block B, Tyler's Landing Addition or adjacent street Right-of-Way. Any portion of the lawn damaged during construction shall be replaced with sod.

BL @ CONREY



Contractor shall verify depth and location of existing 8" Water Line Prior to Construction.

Contractor shall verify depth and location of existing 8" Water Line Prior to Construction.

Baughman Tyler's Landing 3rd - Phase 2
Line 1
 Water Distribution System Improvements

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: 448-90271
 DESIGN: RDM/AEG
 DRAWN: RDM
 APPROVED: AEG
 DATE: OCT 2007

REVISIONS:

SCALE: Noted
 SHEET: 3 OF 13

E:\eng\Tyler's Landing 3rd\Phase 3\WTR_1.dwg 07-09-E924