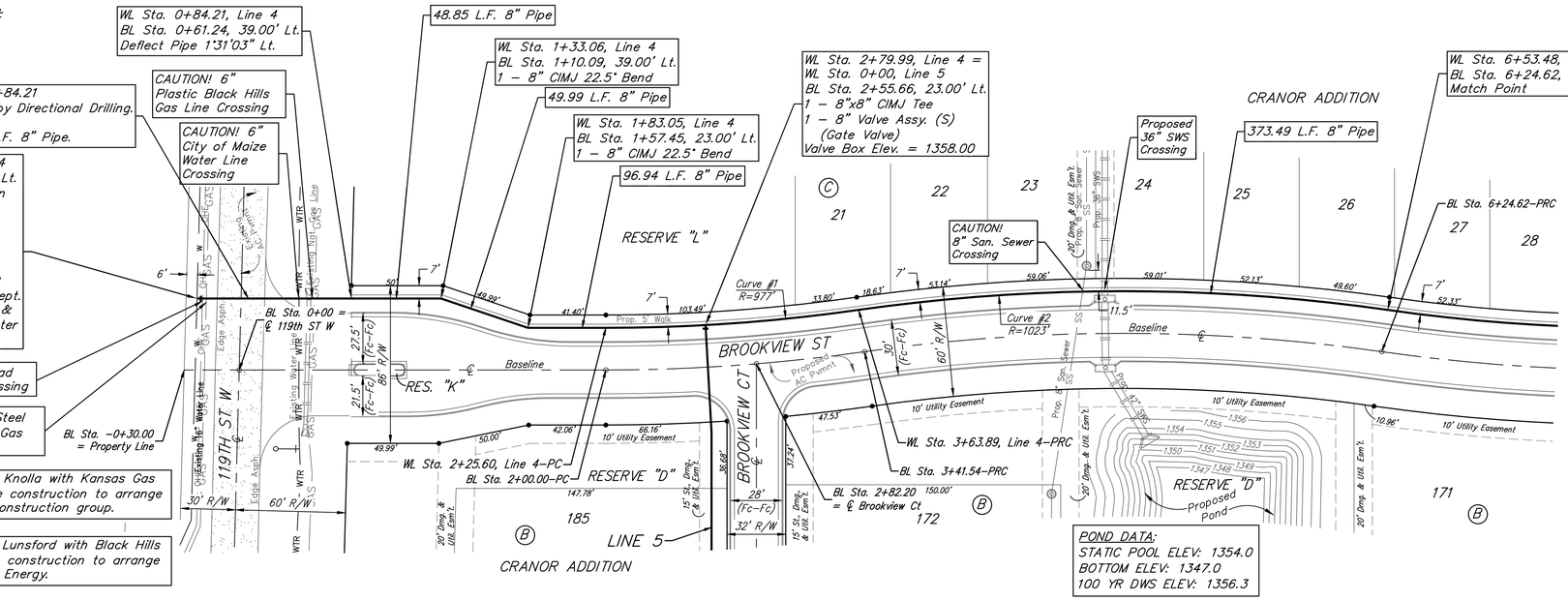
BENCHMARKS:
Square cut top of the south end of the east RCP 114.5'± north and 34.7'± east of the SW Cor., NW1/4, Sec. 31, Twp. 26–S, R–1–W.
Elev. = 1358.12 NAVD88

"+" cut top of the east end of RCBC, 589.6'± north and 24.6'± east of the SW Cor., NW1/4, Sec. 31, Twp. 26–S, R–1–W.
Elev. = 1359.71 NAVD88



Contractor shall contact Adam Knolla with Kansas Gas Service (316–832–3123) before construction to arrange and coordinate with the KGS construction group.

Contractor shall contact Jesse Lunsford with Black Hills Energy (620–218–1524) before construction to arrange and coordinate with Black Hills Energy.

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

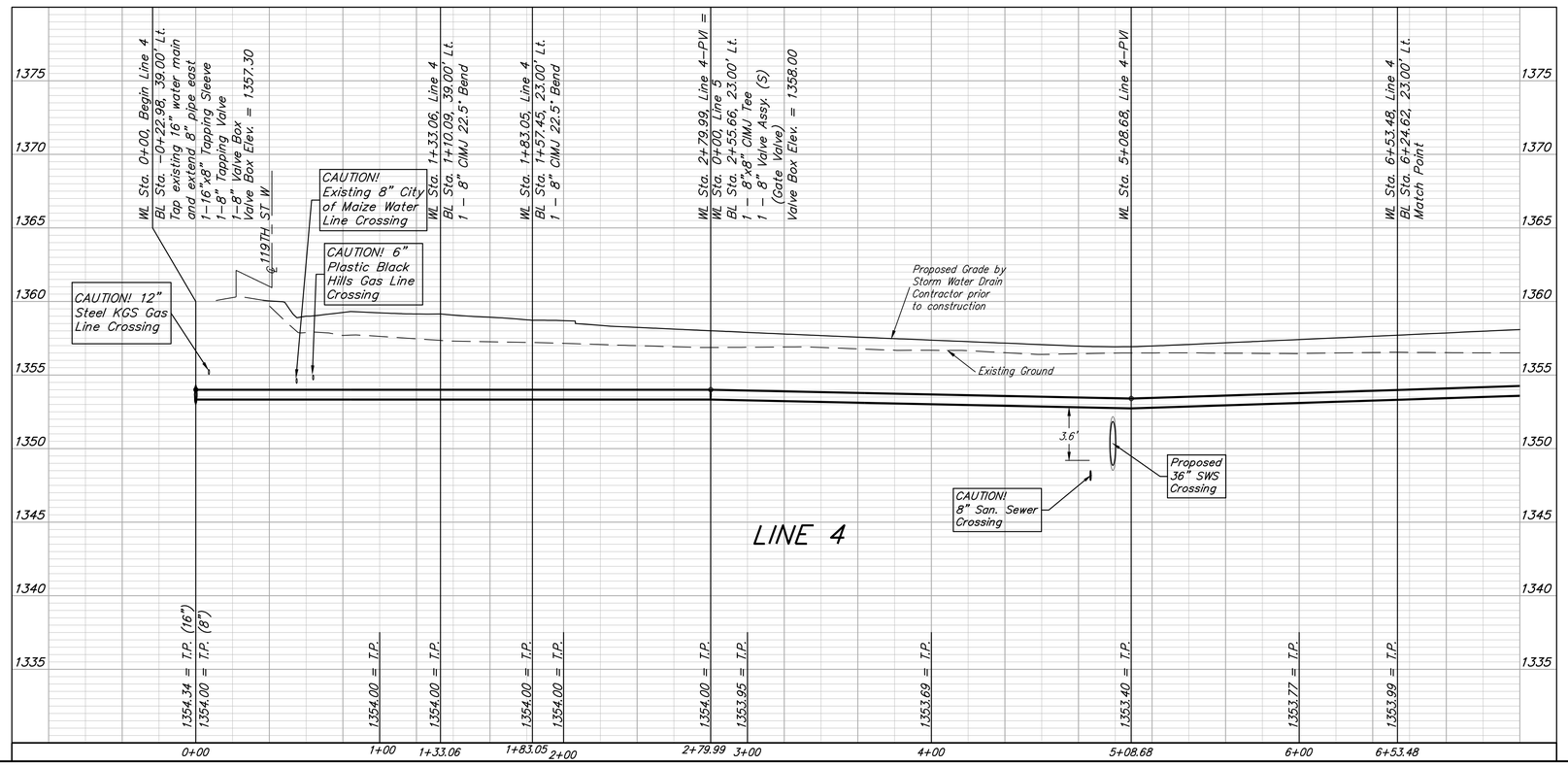
Curve #1
Curve Data Based on Centerline of Pipe
Rad. = 977' Delta = 8°06'35" Tangent = 69.26'
Arc = 138.29' L.C. = 138.17' Def./Ft. = 1.75929 Min.

Station	Arc	Chord Lengths 8' Left	Defl.	Total Defl.
2+25.60	–	–	0°00'00"	0°00'00"
2+50.00	24.40'	24.20'	0°42'56"	0°42'56"
2+75.00	25.00'	24.79'	0°43'59"	1°26'55"
2+79.99	4.99'	4.95'	0°08'46"	1°35'41"
3+00.00	20.01'	19.85'	0°35'12"	2°10'53"
3+25.00	25.00'	24.79'	0°43'59"	2°54'52"
3+50.00	25.00'	24.79'	0°43'59"	3°38'51"
3+63.89	13.89'	13.78'	0°24'27"	4°03'18"

Curve #2
Curve Data Based on Centerline of Pipe
Rad. = 1023' Delta = 16°13'09" Tangent = 145.77'
Arc = 289.59' L.C. = 288.62' Def./Ft. = 1.68022 Min.

Station	Arc	Chord Lengths 8' Left	Defl.	Total Defl.
3+63.89	–	–	0°00'00"	0°00'00"
3+75.00	11.11'	11.20'	0°18'40"	0°18'40"
4+00.00	25.00'	25.19'	0°42'00"	1°00'40"
4+25.00	25.00'	25.19'	0°42'01"	1°42'41"
4+50.00	25.00'	25.19'	0°42'00"	2°24'41"
4+75.00	25.00'	25.19'	0°42'00"	3°06'41"
5+00.00	25.00'	25.19'	0°42'01"	3°48'42"
5+25.00	25.00'	25.19'	0°42'00"	4°30'42"
5+50.00	25.00'	25.19'	0°42'00"	5°12'42"
5+75.00	25.00'	25.19'	0°42'01"	5°54'43"
6+00.00	25.00'	25.19'	0°42'00"	6°36'43"
6+25.00	25.00'	25.19'	0°42'00"	7°18'43"
6+50.00	25.00'	25.19'	0°42'01"	8°00'44"
6+53.48	3.48'	3.51'	0°05'50"	8°06'34"

Baseline = ℄ Brookview St.



DENISE M. VALLON
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09/16/2024
KANSAS
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CRANOR ADDITION
PHASE I

LINE 4

WATER DISTRIBUTION SYSTEM

PROJECT NUMBER:

DESIGN: DMV DRAWN: JAK
DATE: Sep. 12, 2024
SHEET 8 OF 28

File: E:\Projects\Cranor Addition(Kelsey 119th)_22-04-P768\Engineering\Phase 1\WTR_23-03-E466.dwg