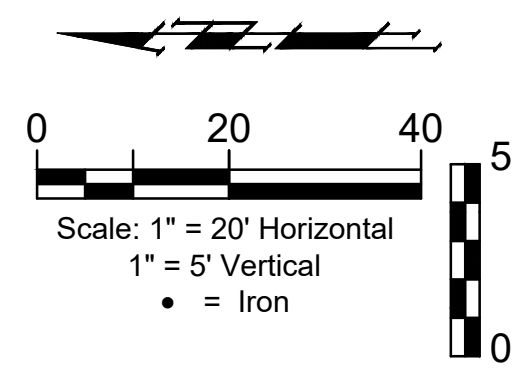
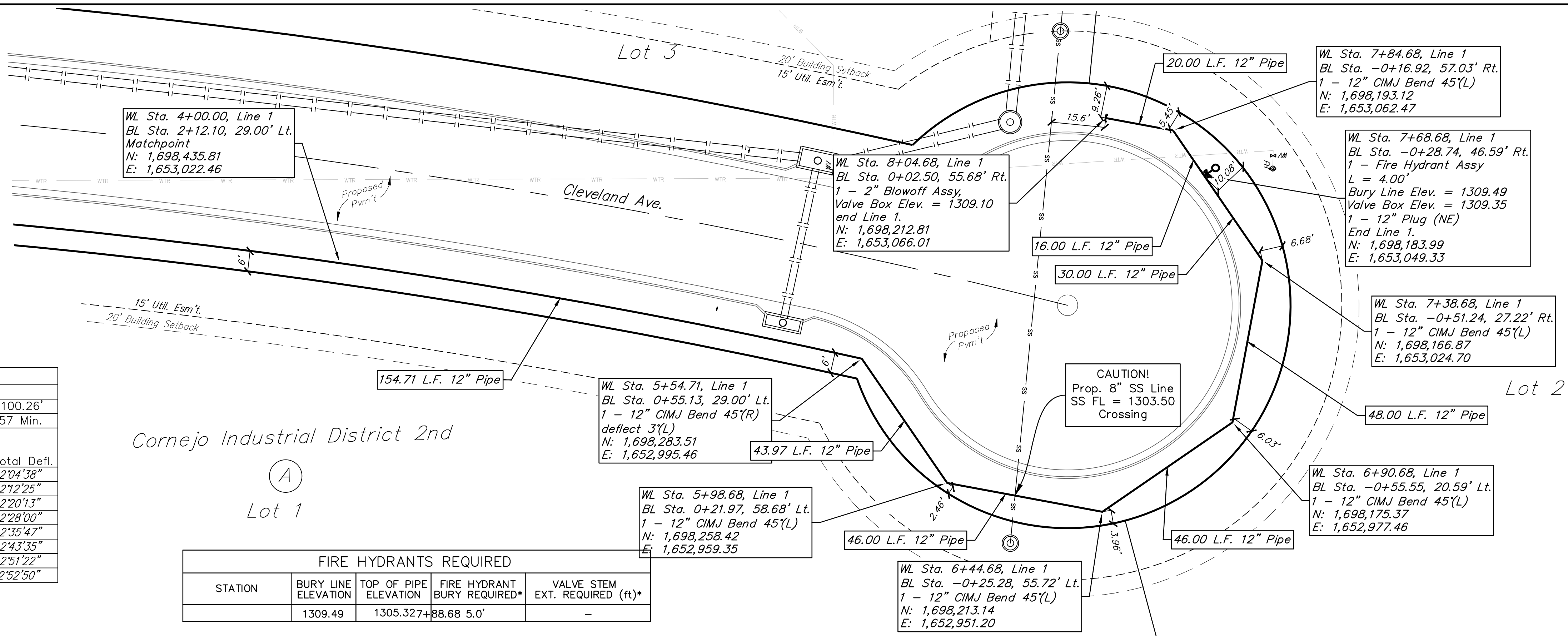


# BENCHMARKS

BM- #1:  
Square cut on top of South curb of 21st St. N.  
334± West and 32± South of the intersection of  
21st St. N. and Cleveland Ave.  
Elev. = 1307.56(NAVD88)

BM- #2:  
Square cut on top of South concrete pad of  
monitoring well 26± East and 51± South of the  
intersection of 21st St. N. and Cleveland Ave.  
Elev. = 1308.70(NAVD88)

BM- #3:  
C.O.W BM Disc on top of South concrete wall  
918± West and 147± North of the intersection  
of 21st St. N. and Cleveland Ave.  
Elev. = 1312.58(NAVD88)



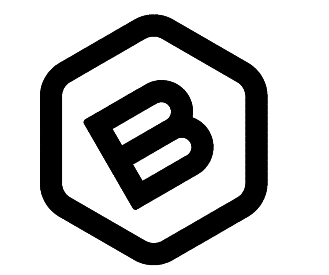
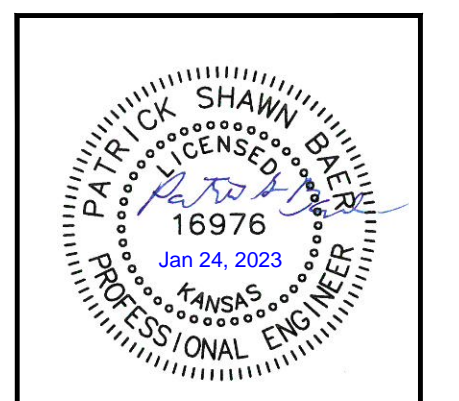
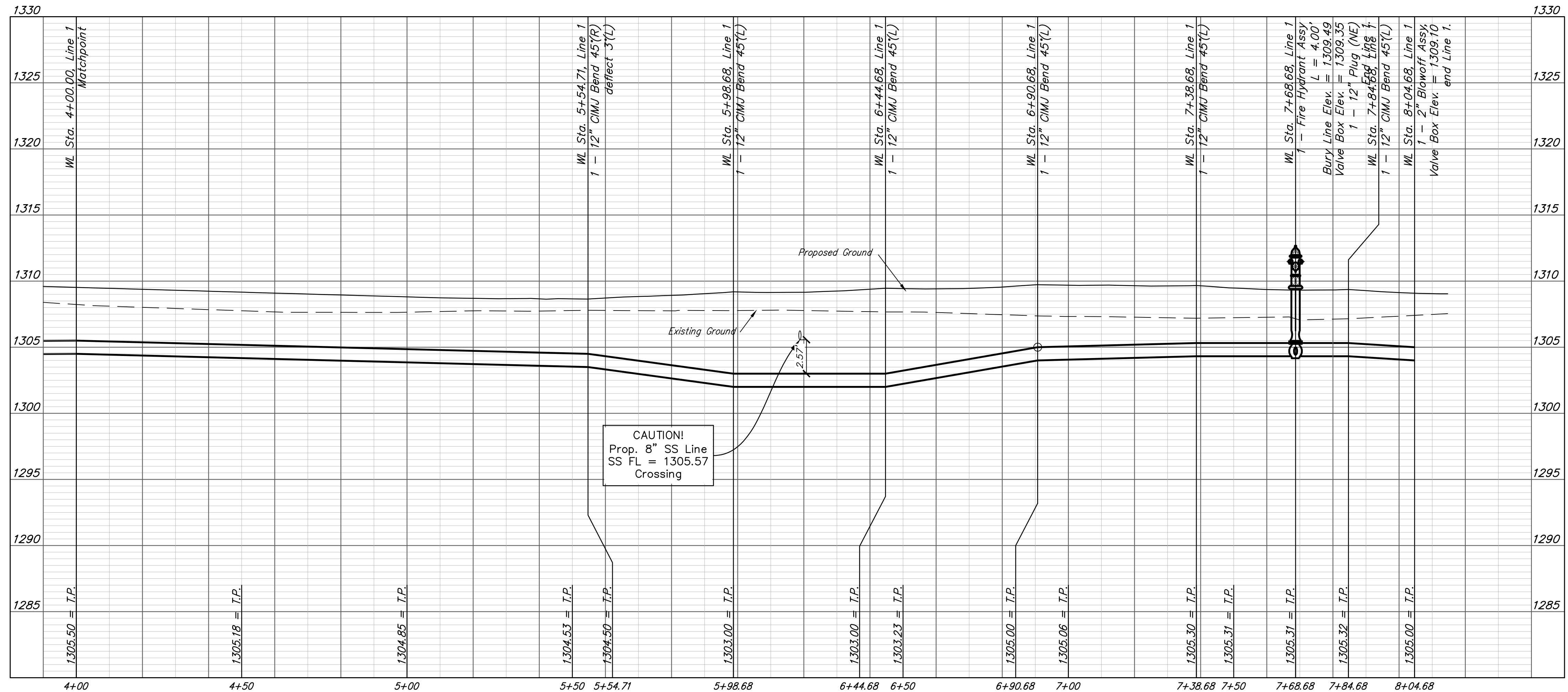
Curve #8  
Curve Data Based on Centerline of Pipe  
Rad. = 1992.551' Delta = 5°45'40" Tangent = 100.26'  
Arc = 554.71' L.C. = 200.27' Def./Ft. = 0.31157 Min.

Station	Arc	Chord Lengths 8' Left	Chord Lengths 8' Right	Defl.	Total Defl.
4+00.00	25.00'	9.07"	8.99"	0°07'48"	2°04'38"
4+25.00	25.00'	9.07"	8.99"	0°07'47"	2°12'25"
4+50.00	25.00'	9.07"	8.99"	0°07'48"	2°20'13"
4+75.00	25.00'	9.07"	8.99"	0°07'47"	2°28'00"
5+00.00	25.00'	9.07"	8.99"	0°07'47"	2°35'47"
5+25.00	25.00'	9.07"	8.99"	0°07'48"	2°43'35"
5+50.00	25.00'	9.07"	8.99"	0°07'47"	2°51'22"
5+54.71	4.71'	1.71"	1.69"	0°01'28"	2°52'50"

FIRE HYDRANTS REQUIRED

STATION	BURY LINE ELEVATION	TOP OF PIPE ELEVATION	FIRE HYDRANT BURY REQUIRED*	VALVE STEM EXT. REQUIRED (ft)*
	1309.49	1305.327	88.68 5.0'	-

## LINE 1



**BAUGHMAN COMPANY**

315 Ellis St.  
Wichita, KS 67211  
316-262-7271  
BaughmanCo.com

Cornejo Industrial District 2nd

**Water Line 1  
Sta. 4+00.00  
to  
Sta. 8+04.68**

Water Line Improvements

PROJECT NUMBER:  
448-2021-017261

DESIGN: PSB DRAWN: JA

DATE: Jan 23, 2023

SHEET **3** OF **15**

File: E:\Projects\Cornejo Industrial District\_2nd (21-10-P717)\Engineering\Phase 1\WTRCID PPW 2nd Petition.dwg