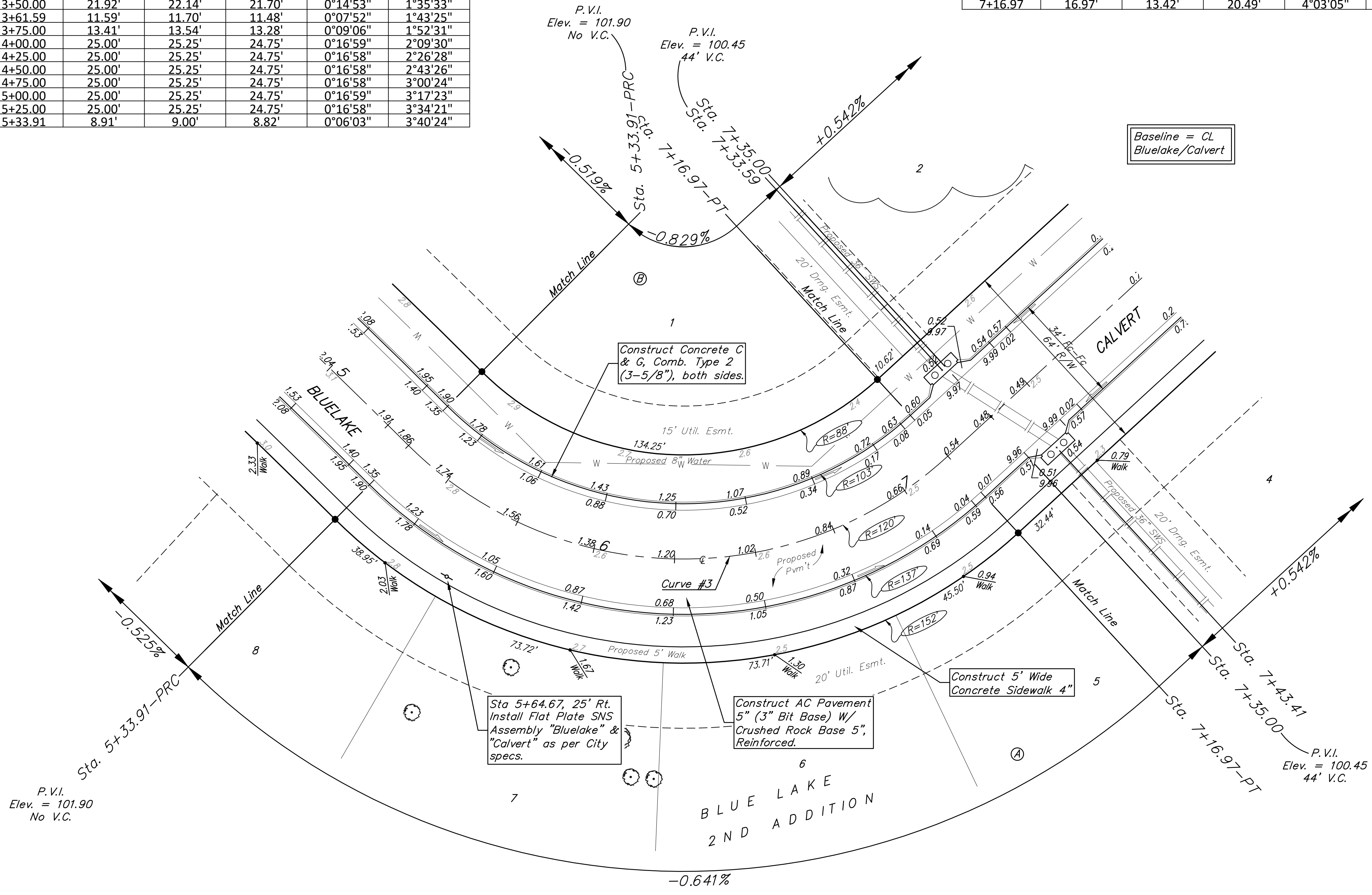
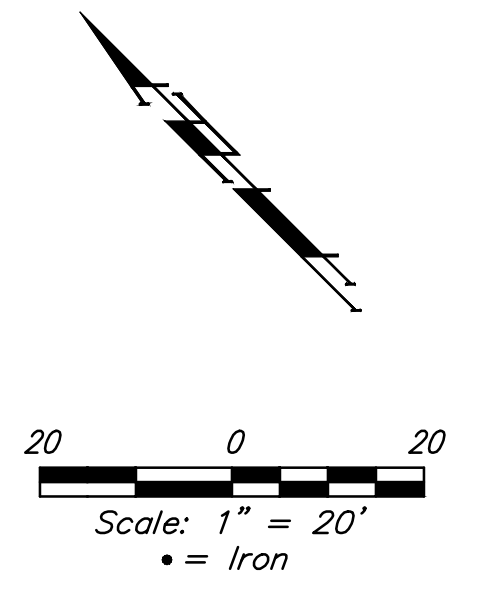


BENCHMARKS:
 BM #1 - "□" on top of curb,
 north side of Calvert, 14.7' south of
 the most southerly corner common
 to Lots 83 and 84, Block D, Blue
 Lake Addition.
 Elev. = 103.95 City Datum

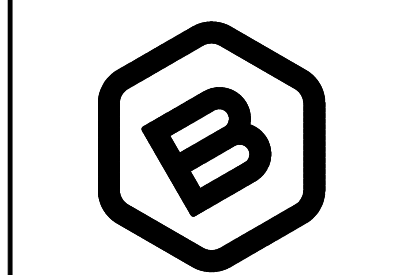
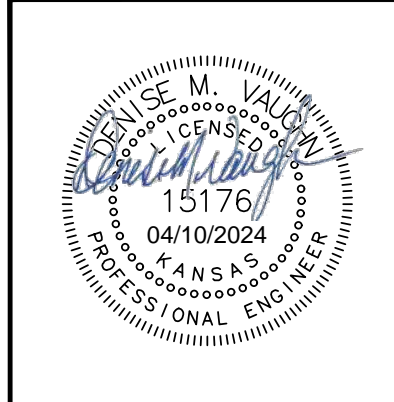
BM #2 - "□" with + cut on
 northwest face of drop inlet on
 north side of MacArthur Road, 79.4'
 North of centerline of MacArthur
 Road and 152.3' E/SE of southwest
 corner of Reserve "C", Blue Lake
 3rd Addition.
 Elev. = 95.55 City Datum

Curve #2					
Curve Data Based on Centerline					
Rad. = 2532' Delta = 7°20'48" Tangent = 162.55'					
Arc = 324.66' L.C. = 324.44' Def./Ft. = 0.67886 Min.					
Face Chord Lengths					
Station	Arc	8' Left	8' Right	Defl.	Total Defl.
2+09.25	-	-	-	0°00'00"	0°00'00"
2+25.00	15.75'	15.91'	15.59'	0°10'42"	0°10'42"
2+50.00	25.00'	25.25'	24.75'	0°16'58"	0°27'40"
2+75.00	25.00'	25.25'	24.75'	0°16'58"	0°44'38"
2+94.57	19.57'	19.76'	19.38'	0°13'17"	0°57'55"
3+00.00	5.43'	5.48'	5.38'	0°03'41"	1°01'36"
3+25.00	25.00'	25.25'	24.75'	0°16'59"	1°18'35"
3+28.08	3.08'	3.11'	3.05'	0°02'05"	1°20'40"
3+50.00	21.92'	22.14'	21.70'	0°14'53"	1°35'33"
3+61.59	11.59'	11.70'	11.48'	0°07'52"	1°43'25"
3+75.00	13.41'	13.54'	13.28'	0°09'06"	1°52'31"
4+00.00	25.00'	25.25'	24.75'	0°16'59"	2°09'30"
4+25.00	25.00'	25.25'	24.75'	0°16'58"	2°26'28"
4+50.00	25.00'	25.25'	24.75'	0°16'58"	2°43'26"
4+75.00	25.00'	25.25'	24.75'	0°16'58"	3°00'24"
5+00.00	25.00'	25.25'	24.75'	0°16'59"	3°17'23"
5+25.00	25.00'	25.25'	24.75'	0°16'58"	3°34'21"
5+33.91	8.91'	9.00'	8.82'	0°06'03"	3°40'24"

Curve #3					
Curve Data Based on Centerline					
Rad. = 120' Delta = 87°24'24" Tangent = 114.69'					
Arc = 183.06' L.C. = 165.82' Def./Ft. = 14.32427 Min.					
Face Chord Lengths					
Station	Arc	8' Left	8' Right	Defl.	Total Defl.
5+33.91	-	-	-	0°00'00"	0°00'00"
5+50.00	16.09'	12.73'	19.43'	3°50'29"	3°50'29"
5+75.00	25.00'	19.76'	30.15'	5°58'06"	9°48'35"
6+00.00	25.00'	19.76'	30.15'	5°58'06"	15°46'41"
6+25.00	25.00'	19.76'	30.15'	5°58'07"	21°44'48"
6+50.00	25.00'	19.76'	30.15'	5°58'06"	27°42'54"
6+75.00	25.00'	19.76'	30.15'	5°58'07"	33°41'01"
7+00.00	25.00'	19.76'	30.15'	5°58'06"	39°39'07"
7+16.97	16.97'	13.42'	20.49'	4°03'05"	43°42'12"



Baseline = CL
 Bluelake/Calvert



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

BLUE LAKE ADD./2ND ADD.
 PHASE 1

**BLUELAKE/
 CALVERT**

STREET & SWS
 IMPROVEMENTS

PROJECT NUMBER:
 472-2023-085885

DESIGN: AEG DRAWN: TMS
 DATE: April 10, 2024

SHEET 3 OF 37

NOTE: ROLL TYPE CURB & GUTTER (TYPE 2) TO BE CONSTRUCTED ON THE PAVEMENT SHOWN ON THIS SHEET. TOP OF CURB ELEVATIONS ARE GIVEN FOR FULL HEIGHT CURB (TYPE 4).

File: E:\Projects\Blue Lake 2nd Addition\Engineering\Phase 1\1St\SW\23-03-E4611St\SW\SW.dwg