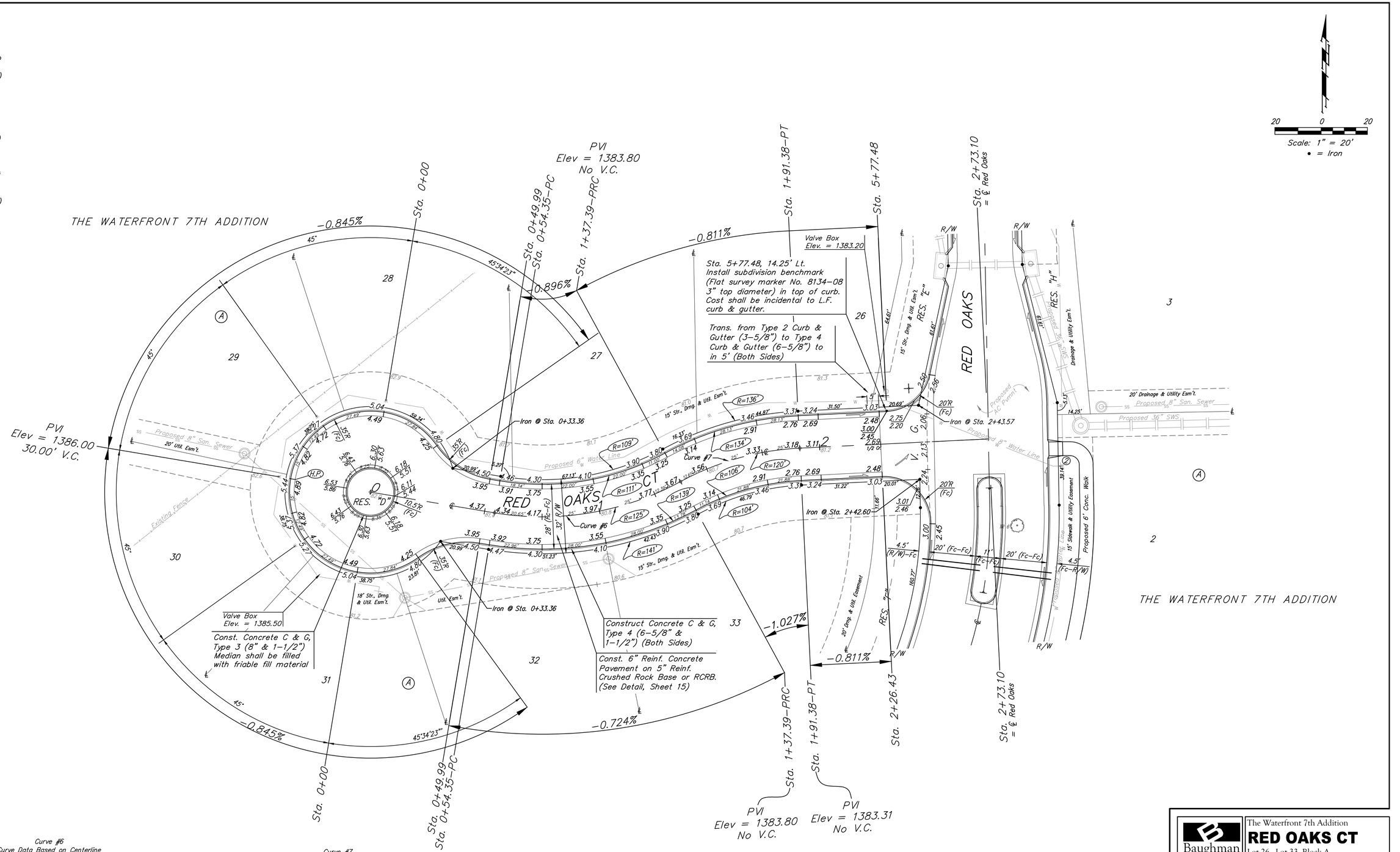
BENCHMARKS

BM #1:
"□" Chiseled on Top of Curb. West End of South Median Curb within Castlewood
Elevation = 1380.50 (NAVD 88)

BM #2
"X" Chiseled on Back of Walk. Near the Southeast corner of Lot 2, Block A, The Waterfront 7th Addition
Elevation = 1381.88 (NAVD 88)

BM #3
"□" Chiseled on Back of Walk. Northeast corner of parking lot within Lot 1, Block 1, The Waterfront 4th Addition
Elevation = 1389.50 (NAVD 88)



Curve #6
Curve Data Based on Centerline

Rad. = 125' Delta = 38°03'35" Tangent = 43.11'
Arc = 83.04' L.C. = 81.52' Def./Ft. = 13.74990 Min.

Station	Arc	Face Chord Lengths 8' Left	Face Chord Lengths 8' Right	Defl.	Total Defl.
0+54.35	–	–	–	0°00'00"	0°00'00"
0+75.00	20.65'	16.99'	24.25'	4°43'56"	4°43'56"
1+00.00	25.00'	20.56'	29.35'	5°43'45"	10°27'41"
1+25.00	25.00'	20.56'	29.35'	5°43'45"	16°11'26"
1+37.39	12.39'	10.20'	14.56'	2°50'21"	19°01'47"

Curve #7
Curve Data Based on Centerline

Rad. = 120' Delta = 25°46'48" Tangent = 27.46'
Arc = 53.99' L.C. = 53.54' Def./Ft. = 14.32487 Min.

Station	Arc	Face Chord Lengths 8' Left	Face Chord Lengths 8' Right	Defl.	Total Defl.
1+37.39	–	–	–	0°00'00"	0°00'00"
1+50.00	12.61'	14.92'	10.29'	3°00'38"	3°00'38"	
1+75.00	25.00'	29.53'	20.38'	5°58'08"	8°58'46"
1+91.38	16.38'	19.37'	13.37'	3°54'38"	12°53'24"

AUSTIN E. GOTTO
LICENSED
17019
KANSAS
PROFESSIONAL ENGINEER
3/24/15

Baughman

The Waterfront 7th Addition
RED OAKS CT
Lot 26 - Lot 33, Block A

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	DESIGN AEG	DRAWN JAK
REVISIONS:	APPROVED	DATE 11/14
	SCALE Noted	
	SHEET 12 OF 33	

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