

Subdivision Bench Marks

No.	Street and Station	From CL	Description	Elevation
1	Bayside, Sta. 0+31.94	17.50' Lt.	N.W. End of Curb Return Intersection of Bayside and Bayside Ct.	
2	Bayside, Sta. 4+62.07	17.50' Lt.	Top of curb at the common lot line of Lots 18 & 19, Block 1 on Bayside.	

CURVE #1

Curve Data Based on Centerline
 Rad. = 250' Delta = 26°21'21" Tangent = 58.54'
 Arc = 115.00' L.C. = 113.99' Def/Ft. = 6.87544 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8 Lt.	8 Rt.		
0+40.00	-	-	-	0°00'00"	0°00'00"
0+50.00	10.00'	11.00'	9.00'	1°08'45"	1°08'45"
0+75.00	25.00'	27.49'	22.49'	2°51'53"	4°00'38"
1+00.00	25.00'	27.49'	22.49'	2°51'53"	6°52'31"
1+25.00	25.00'	27.49'	22.49'	2°51'53"	9°44'24"
1+55.00	30.00'	32.98'	26.98'	3°26'16"	13°10'40"

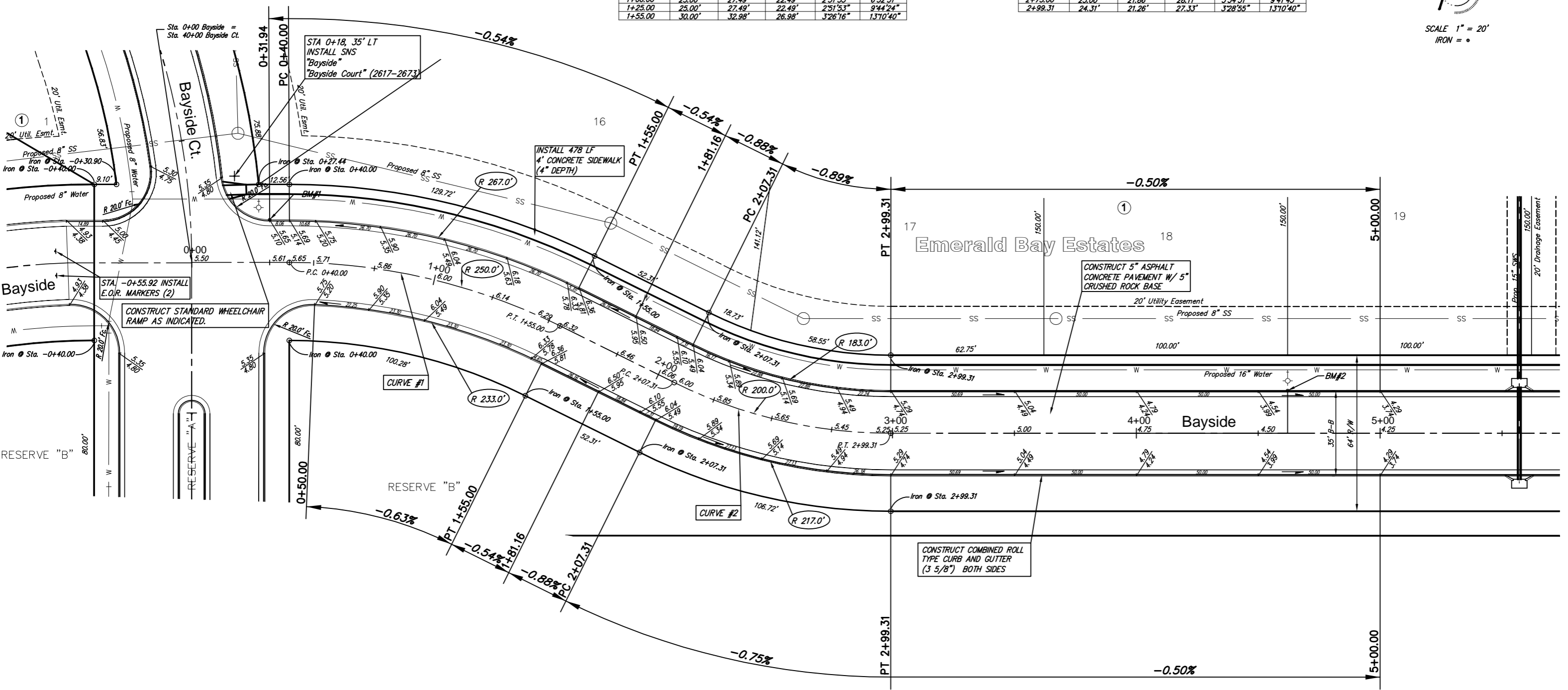
CURVE #2

Curve Data Based on Centerline
 Rad. = 200' Delta = 26°21'21" Tangent = 46.83'
 Arc = 92.00' L.C. = 91.19' Def/Ft. = 8.59429 Min.

Station	Arc	FACE CHORD LENGTHS		Defl.	T. Defl.
		8 Lt.	8 Rt.		
2+07.31	-	-	-	0°00'00"	0°00'00"
2+25.00	17.69'	15.47'	19.89'	2°32'02"	2°32'02"
2+50.00	25.00'	21.86'	28.11'	3°34'51"	6°06'53"
2+75.00	25.00'	21.86'	28.11'	3°34'51"	9°41'45"
2+99.31	24.31'	21.26'	27.33'	3°28'55"	13°10'40"



SCALE 1" = 20'
 IRON = •



NOTE: ROLL TYPE CURB AND GUTTER TO BE CONSTRUCTED ALONG PAVEMENT DEPICTED ON THIS SHEET

Emerald Bay Estates Addition - Phase 1, Paving Improvements
Bayside
 WICHITA, KANSAS

Ruggles & Bohm, P.A.
 Engineering, Surveying, Land Planning
 924 North Main
 Wichita, Kansas 67203
 www.rbkansas.com
 (316) 264-8008
 (316) 264-4621 fax
 E-mail: info@rbkansas.com

DESIGN: AML
 DRAWN: MLP
 REVIEW: []
 UTILITY: []

DRAWING FILE: paving {Bayside 1}
 PROJECT NUMBER: 472-84364
 DATE: Jan. 17, 2006

SHEET: 4 OF 54