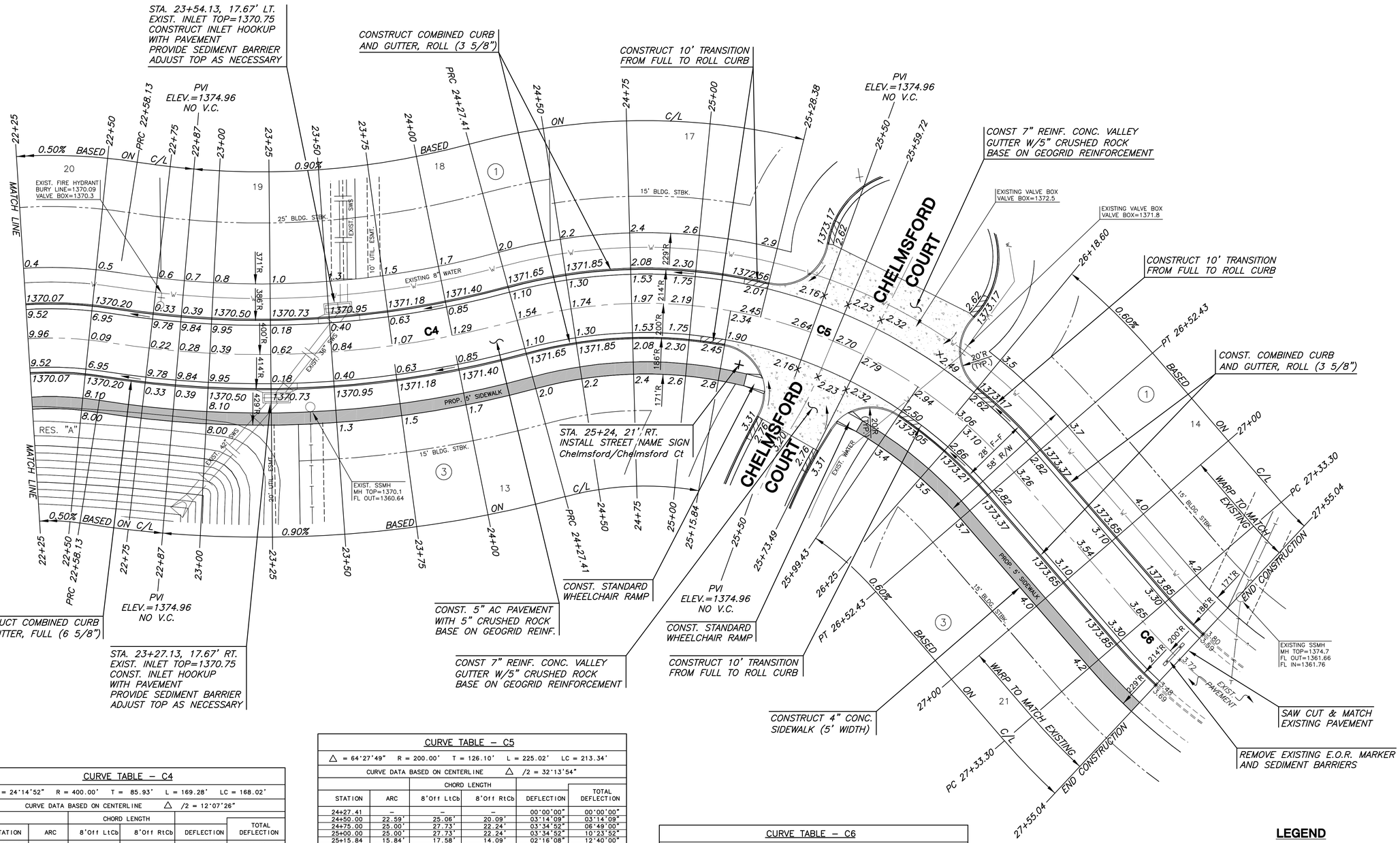

CURVE TABLE – C4

△ = 24°14'52" R = 400.00' T = 85.93' L = 169.28' LC = 168.02'

CURVE DATA BASED ON CENTERLINE △ /2 = 12°07'26"

STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
22+58.13	–	–	–	00°00'00"	00°00'00"
22+75.00	16.87'	15.94'	17.80'	01°12'30"	01°12'30"
23+00.00	25.00'	23.62'	26.37'	01°47'26"	02°59'55"
23+25.00	25.00'	23.62'	26.37'	01°47'26"	04°47'21"
23+27.13	2.13'	2.01'	2.25'	00°09'09"	04°56'30"
23+50.00	22.87'	21.61'	24.12'	01°38'17"	06°34'47"
23+54.13	4.13'	3.90'	4.36'	00°17'45"	06°52'32"
23+75.00	20.87'	19.72'	22.02'	01°29'41"	08°22'13"
24+00.00	25.00'	23.62'	26.37'	01°47'26"	10°09'38"
24+25.00	25.00'	23.62'	26.37'	01°47'26"	11°57'04"
24+27.41	2.41'	2.28'	2.54'	00°10'22"	12°07'26"
				Def/Ft = 4.29718 Min.	

CURVE TABLE – C5

△ = 64°27'49" R = 200.00' T = 126.10' L = 225.02' LC = 213.34'

CURVE DATA BASED ON CENTERLINE △ /2 = 32°13'54"

STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
24+27.41	–	–	–	00°00'00"	00°00'00"
24+50.00	22.59'	25.06'	20.09'	03°14'09"	03°14'09"
24+75.00	25.00'	27.73'	22.24'	03°34'52"	06°49'00"
25+00.00	25.00'	27.73'	22.24'	03°34'52"	10°23'52"
25+15.84	15.84'	17.58'	14.09'	02°16'08"	12°40'00"
25+22.67	6.83'	7.58'	6.08'	00°58'42"	13°38'42"
25+25.00	2.33'	2.59'	2.07'	00°20'01"	13°58'43"
25+50.00	25.00'	27.73'	22.24'	03°34'52"	17°33'35"
25+66.01	16.01'	17.77'	14.25'	02°17'36"	19°51'11"
25+75.00	8.99'	9.98'	8.00'	01°17'16"	21°08'27"
25+99.43	24.43'	27.10'	21.73'	03°29'58"	24°38'24"
26+00.00	.57'	.63'	.51'	00°04'54"	24°43'18"
26+19.12	19.12'	21.22'	17.01'	02°44'19"	27°27'38"
26+25.00	5.88'	6.53'	5.23'	00°50'32"	28°18'10"
26+50.00	25.00'	27.73'	22.24'	03°34'52"	31°53'01"
26+52.43	2.43'	2.70'	2.16'	00°20'53"	32°13'54"
				Def/Ft = 8.59437 Min.	

CURVE TABLE – C6

△ = 06°13'37" R = 200.00' T = 10.88' L = 21.74' LC = 21.73'

CURVE DATA BASED ON CENTERLINE △ /2 = 03°06'48"

STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
27+33.30	–	–	–	00°00'00"	00°00'00"
27+50.00	16.70'	14.86'	18.53'	02°23'32"	02°23'32"
27+55.04	5.04'	4.48'	5.59'	00°43'17"	03°06'49"
				Def/Ft = 8.59437 Min.	

SCALE: 1"=20'

20 10 0 20

LEGEND

STREET SIGN & SIGN LOCATION (SEE SIGN ASSEMBLY TABLE FOR TYPE & STATION OF SIGN)

NOTE:
TOP OF CURB ELEVATIONS SHOWN ARE FOR FULL CURB. CONSTRUCT CURB AND GUTTER AS NOTED.

MKEC ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

PAVING & INCIDENTAL DRAINAGE PLANS
MONARCH LANDING SECOND ADDITION
PHASE 2 PART B

CHELMSFORD
SHEET TITLE

472-84613
PROJECT NUMBER

DFL
DESIGN BY

JWC
DRAWN BY

GJA
CHECKED BY

ISSUED
August 2009

REVISED

SHEET NO.
8 of 27

J:\CIVIL\06201\07165\PAV\PHASE 2\PHASE2B\07165_E2.DWG

PLOTTED: Tuesday, August 25, 2009 @ 01:19PM