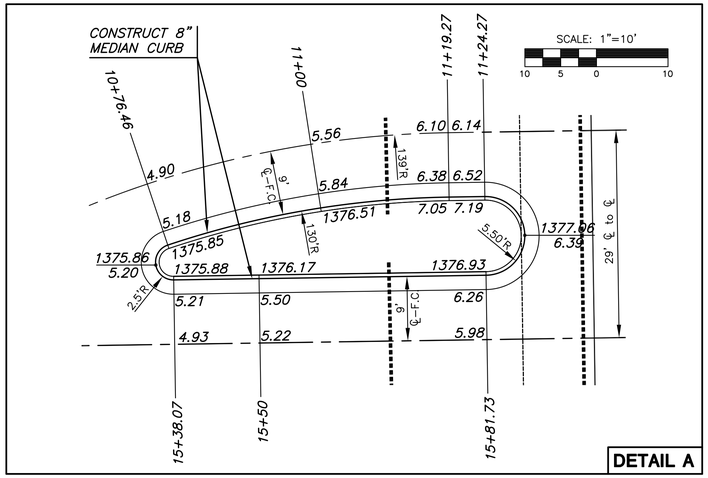


CURVE TABLE – C4

△ = 25°11'19" R = 139.00' T = 31.06' L = 61.11' LC = 60.62'

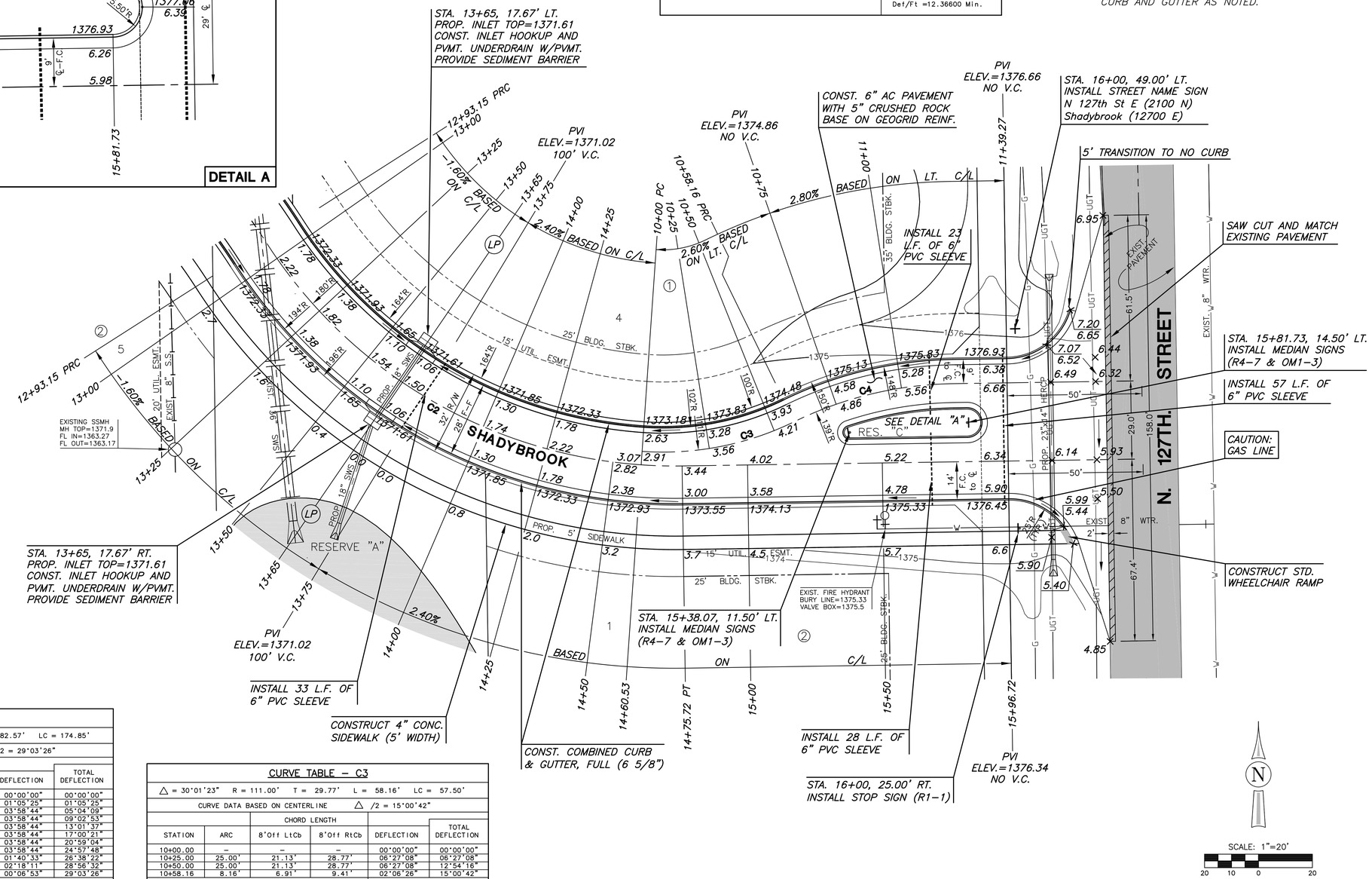
CURVE DATA BASED ON CENTERLINE △ /2 = 12°35'40"

STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
10+58.16	–	–	–	00°00'00"	00°00'00"
10+75.00	16.84'	18.89'	14.77'	03°28'15"	03°28'15"
10+76.46	1.46'	1.64'	1.28'	00°18'03"	03°46'18"
11+00.00	23.54'	26.39'	20.64'	04°51'06"	08°37'24"
11+19.27	19.27'	21.61'	16.90'	03°58'16"	12°35'40"
				Def/Ft =12.36600 Min.	

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.



CURVE TABLE – C2

△ = 58°06'52" R = 180.00' T = 100.01' L = 182.57' LC = 174.85'

CURVE DATA BASED ON CENTERLINE △ /2 = 29°03'26"

STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
12+93.15	–	–	–	00°00'00"	00°00'00"
13+00.00	6.85'	6.01'	7.69'	01°05'25"	01°05'25"
13+25.00	25.00'	21.93'	28.03'	03°58'44"	05°04'09"
13+50.00	25.00'	21.93'	28.03'	03°58'44"	09°02'53"
13+75.00	25.00'	21.93'	28.03'	03°58'44"	13°01'37"
14+00.00	25.00'	21.93'	28.03'	03°58'44"	17°00'21"
14+25.00	25.00'	21.93'	28.03'	03°58'44"	20°59'04"
14+50.00	25.00'	21.93'	28.03'	03°58'44"	24°57'48"
14+60.53	10.53'	9.24'	11.82'	01°40'33"	26°38'22"
14+75.00	14.47'	12.70'	16.23'	02°18'11"	28°56'32"
14+75.72	.72'	.63'	.81'	00°06'53"	29°03'26"
				Def/Ft = 9.54930 Min.	

CURVE TABLE – C3

△ = 30°01'23" R = 111.00' T = 29.77' L = 58.16' LC = 57.50'

CURVE DATA BASED ON CENTERLINE △ /2 = 15°00'42"

STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
10+00.00	–	–	–	00°00'00"	00°00'00"
10+25.00	25.00'	21.13'	28.77'	06°27'08"	06°27'08"
10+50.00	25.00'	21.13'	28.77'	06°27'08"	12°54'16"
10+58.16	8.16'	6.91'	9.41'	02°06'26"	15°00'42"
				Def/Ft =15.48535 Min.	

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

PAVING AND INCIDENTAL DRAINAGE PLANS
SUMMIT CROSSING
WICHITA, KANSAS

SHADYBROOK
SHEET TITLE

472-84797
PROJECT NUMBER

DFL
DESIGN BY

DM
DRAWN BY

GJA
CHECKED BY

ISSUED
April 2010

REVISED

SHEET NO.
9 of 22

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PLOTTED: Tuesday, April 20, 2010 @ 08:42AM