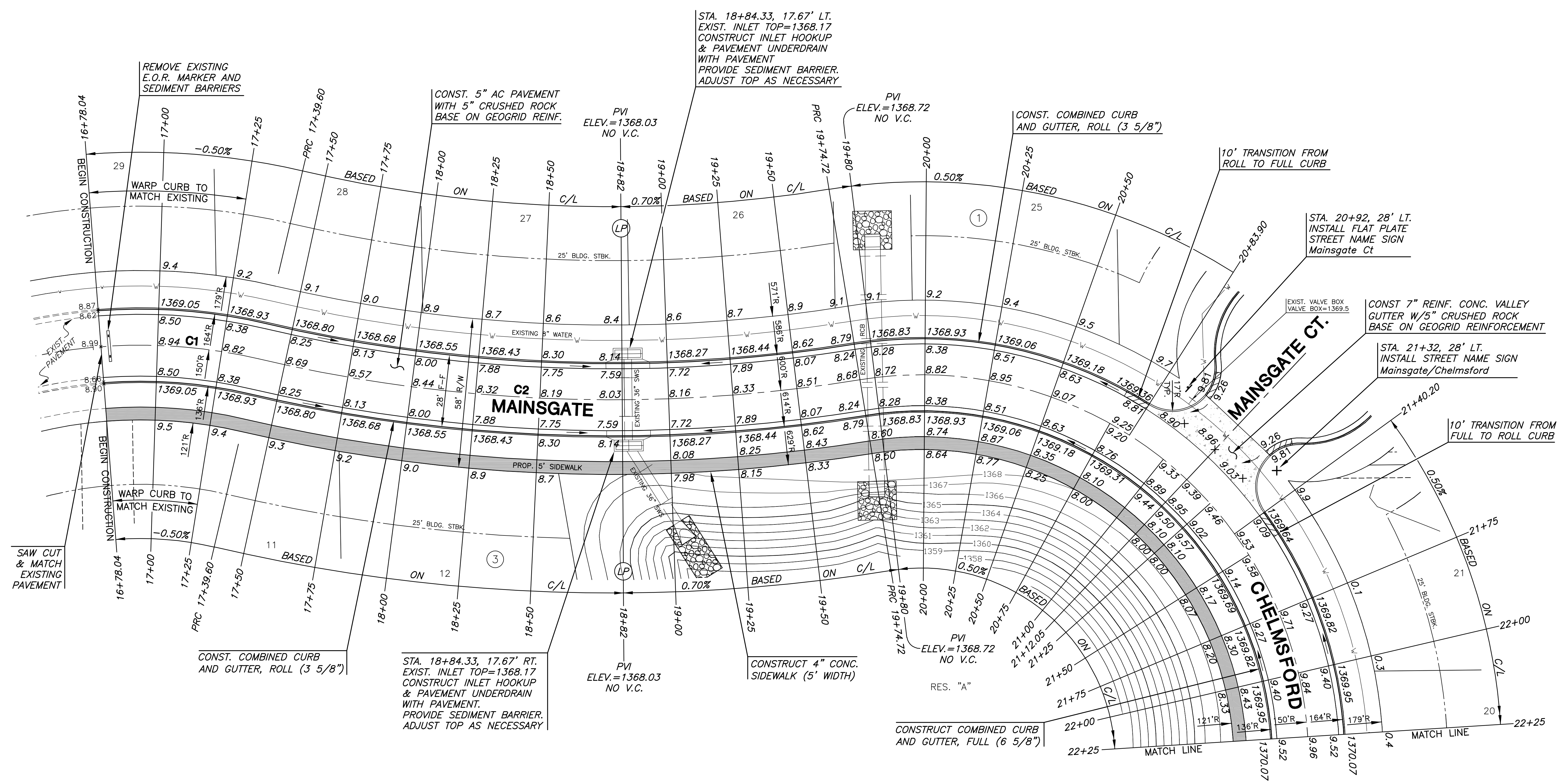


PAVING & INCIDENTAL DRAINAGE PLANS
MONARCH LANDING SECOND ADDITION
PHASE 2 PART B



CURVE TABLE - C1

$\Delta = 17^{\circ}38'09''$ R = 200.00' T = 31.03' L = 61.56' LC = 61.32'

CURVE DATA BASED ON CENTERLINE $\Delta / 2 = 08^{\circ}49'05''$

STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		8' Off LtCb	8' Off RtCb		
16+78.04	-	-	-	00°00'00"	00°00'00"
17+00.00	21.96'	24.36'	19.53'	03°08'44"	03°08'44"
17+25.00	25.00'	27.73'	22.24'	03°34'52"	06°43'35"
17+39.60	14.60'	16.20'	12.99'	02°05'29"	08°49'05"

Def/Ft = 8.59437 Min.

CURVE TABLE - C2

$\Delta = 22^{\circ}27'10''$ R = 600.00' T = 119.09' L = 235.12' LC = 233.62'

CURVE DATA BASED ON CENTERLINE $\Delta / 2 = 11^{\circ}13'35''$

STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		8' Off LtCb	8' Off RtCb		
17+39.60	-	-	-	00°00'00"	00°00'00"
17+50.00	10.40'	10.02'	10.78'	00°29'48"	00°29'48"
17+75.00	25.00'	24.08'	25.91'	01°11'37"	01°41'25"
18+00.00	25.00'	24.08'	25.91'	01°11'37"	02°53'02"
18+25.00	25.00'	24.08'	25.91'	01°11'37"	04°04'39"
18+50.00	25.00'	24.08'	25.91'	01°11'37"	05°16'16"
18+75.00	25.00'	24.08'	25.91'	01°11'37"	06°27'54"
19+00.00	25.00'	24.08'	25.91'	01°11'37"	07°39'31"
19+25.00	25.00'	24.08'	25.91'	01°11'37"	08°51'08"
19+50.00	25.00'	24.08'	25.91'	01°11'37"	10°02'45"
19+74.72	24.72'	23.82'	25.63'	01°10'50"	11°13'35"

Def/Ft = 2.86479 Min.

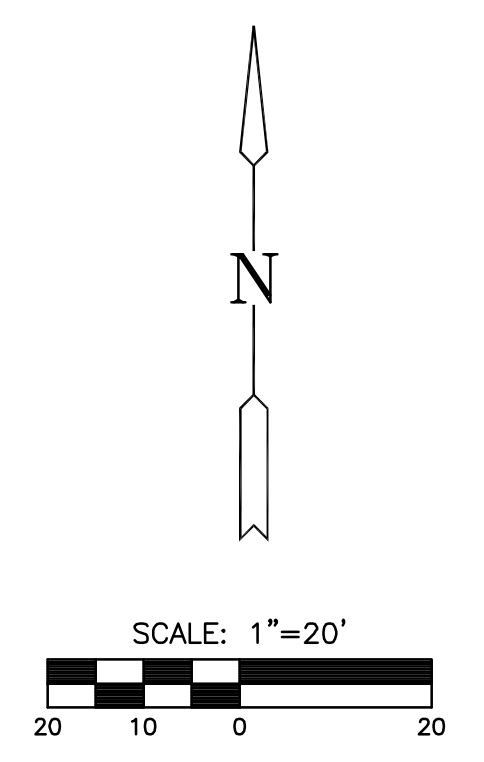
CURVE TABLE - C3

$\Delta = 108^{\circ}15'05''$ R = 150.00' T = 207.41' L = 283.40' LC = 243.09'

CURVE DATA BASED ON CENTERLINE $\Delta / 2 = 54^{\circ}07'32''$

STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		8' Off LtCb	8' Off RtCb		
19+74.72	-	-	-	00°00'00"	00°00'00"
20+00.00	25.28'	28.95'	21.55'	04°49'41"	04°49'41"
20+25.00	25.00'	28.63'	21.31'	04°46'29"	09°36'10"
20+50.00	25.00'	28.63'	21.31'	04°46'29"	14°22'39"
20+75.00	25.00'	28.63'	21.31'	04°46'29"	19°09'07"
20+83.90	8.90'	10.20'	7.59'	01°41'58"	20°51'07"
21+00.00	16.10'	18.45'	13.73'	03°04'30"	23°55'36"
21+12.05	12.05'	13.81'	10.28'	02°18'05"	26°13'41"
21+25.00	12.95'	14.84'	11.05'	02°28'24"	28°42'05"
21+40.20	15.20'	17.42'	12.97'	02°54'11"	31°36'16"
21+50.00	9.80'	11.24'	8.36'	01°52'18"	33°28'34"
21+75.00	25.00'	28.63'	21.31'	04°46'29"	38°15'02"
22+00.00	25.00'	28.63'	21.31'	04°46'29"	43°01'31"
22+25.00	25.00'	28.63'	21.31'	04°46'29"	47°48'00"
22+50.00	25.00'	28.63'	21.31'	04°46'29"	52°34'29"
22+58.12	8.12'	9.31'	6.93'	01°33'04"	54°07'32"

Def/Ft = 11.45916 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.

MAINSGATE
SHEET TITLE
472-84613
PROJECT NUMBER

DFL
DESIGN BY
JWC
DRAWN BY
GJA
CHECKED BY

ISSUED
August 2009
REVISED

SHEET NO.
7 of 27

PLOTTED: Tuesday, August 26, 2009 @ 01:18PM