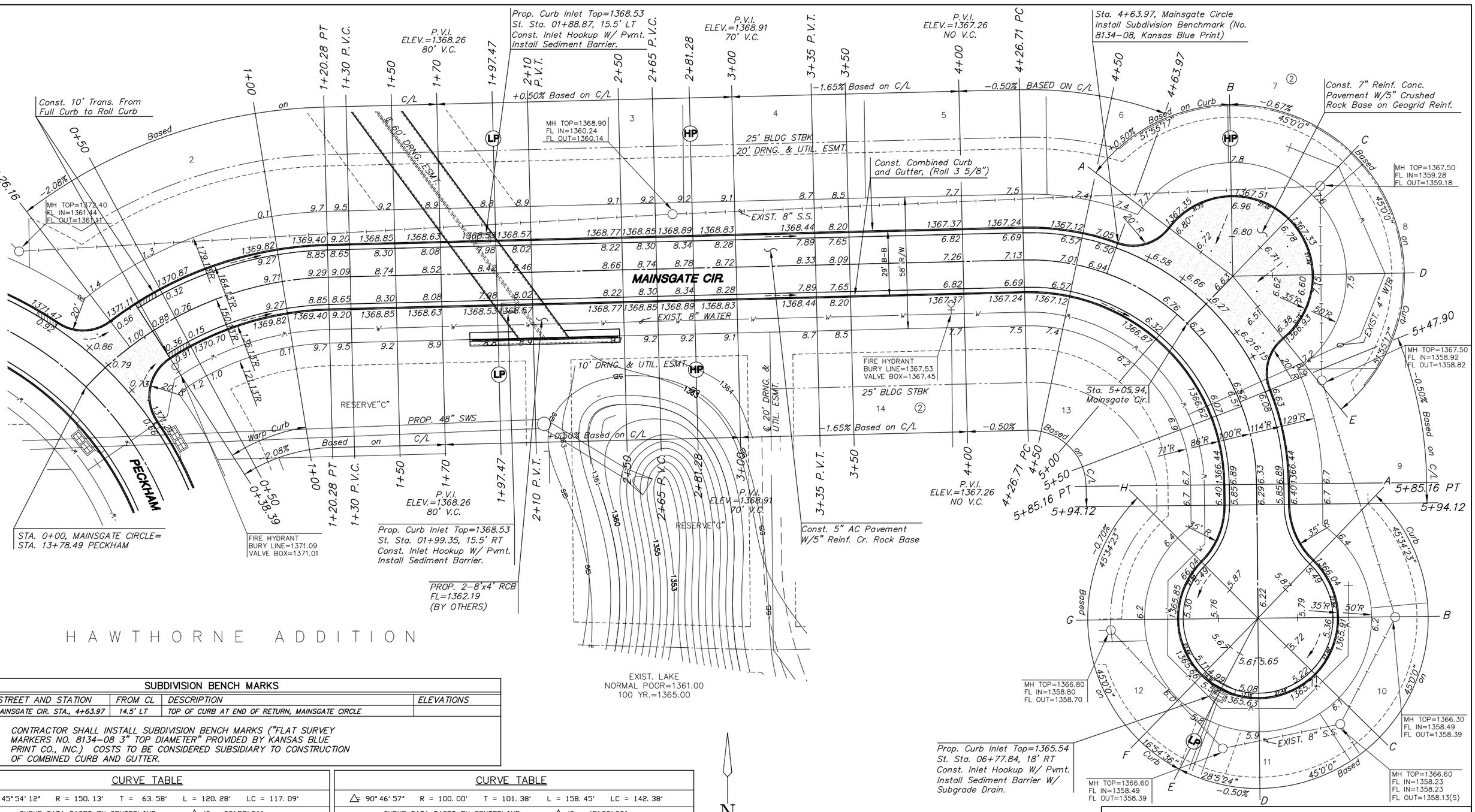


HAWTHORNE ADDITION

## SUBDIVISION BENCH MARKS

| NO. | STREET AND STATION | FROM CL | DESCRIPTION | ELEVATIONS |
|---|---|---|---|---|
| 1 | MAINSGATE CIR. STA., 4+63.97 | 14.5' LT | TOP OF CURB AT END OF RETURN, MAINSGATE CIRCLE | |

NOTE: CONTRACTOR SHALL INSTALL SUBDIVISION BENCH MARKS ("FLAT SURVEY MARKERS NO. 8134-08 3" TOP DIAMETER" PROVIDED BY KANSAS BLUE PRINT CO., INC.) COSTS TO BE CONSIDERED SUBSIDIARY TO CONSTRUCTION OF COMBINED CURB AND GUTTER.

## CURVE TABLE

△= 45°54'12" R = 150.13' T = 63.58' L = 120.28' LC = 117.09'

CURVE DATA BASED ON CENTERLINE △/2 = 22°57'06"

| STATION | ARC | CHORD LENGTH 8' Off LtCb | CHORD LENGTH 8' Off RtCb | DEFLECTION | TOTAL DEFLECTION |
|---|---|---|---|---|---|
| 0+00.00 | - | - | - | 00°00'00" | 00°00'00" |
| 0+25.00 | 25.00' | 28.63' | 21.31' | 04°46'14" | 04°46'14" |
| 0+26.16 | 1.16' | 1.33' | .99' | 00°13'17" | 04°59'31" |
| 0+38.39 | 12.23' | 14.02' | 10.43' | 02°20'01" | 07°19'32" |
| 0+50.00 | 11.61' | 13.31' | 9.91' | 02°12'56" | 09°32'28" |
| 0+75.00 | 25.00' | 28.63' | 21.31' | 04°46'14" | 14°18'42" |
| 1+00.00 | 25.00' | 28.63' | 21.31' | 04°46'14" | 19°04'55" |
| 1+20.28 | 20.28' | 23.23' | 17.29' | 03°52'11" | 22°57'06" |

Def/Ft =11.44923 Min.

## CURVE TABLE

△= 90°46'57" R = 100.00' T = 101.38' L = 158.45' LC = 142.38'

CURVE DATA BASED ON CENTERLINE △/2 = 45°23'28"

| STATION | ARC | CHORD LENGTH 8' Off LtCb | CHORD LENGTH 8' Off RtCb | DEFLECTION | TOTAL DEFLECTION |
|---|---|---|---|---|---|
| 4+26.71 | - | - | - | 00°00'00" | 00°00'00" |
| 4+50.00 | 23.29' | 28.35' | 18.13' | 06°40'20" | 06°40'20" |
| 4+75.00 | 25.00' | 30.42' | 19.45' | 07°09'43" | 13°50'03" |
| 5+00.00 | 25.00' | 30.42' | 19.45' | 07°09'43" | 20°59'46" |
| 5+25.00 | 25.00' | 30.42' | 19.45' | 07°09'43" | 28°09'29" |
| 5+50.00 | 25.00' | 30.42' | 19.45' | 07°09'43" | 35°19'12" |
| 5+75.00 | 25.00' | 30.42' | 19.45' | 07°09'43" | 42°28'55" |
| 5+85.16 | 10.16' | 12.38' | 7.92' | 02°54'33" | 45°23'29" |

Def/Ft =17.18873 Min.

N

SCALE: 1"=20'

20 10 0 20

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

H:\CIVIL\02167\DWG\PAV\PECKHAM(B)\02167_E2.DWG

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

**HAWTHORNE ADDITION-PHASE 2**
PROJECT NAME

**PAVING PLANS**
SHEET TITLE

| BSH | JAH | ASH |
|---|---|---|
| DESIGN BY: | DRAWN BY: | CHECKED BY: |
| JANUARY 2004 | 02167 | 7 / 30 |
| DATE | JOB NO. | SHEET/OF |