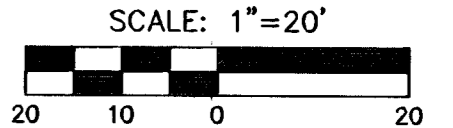


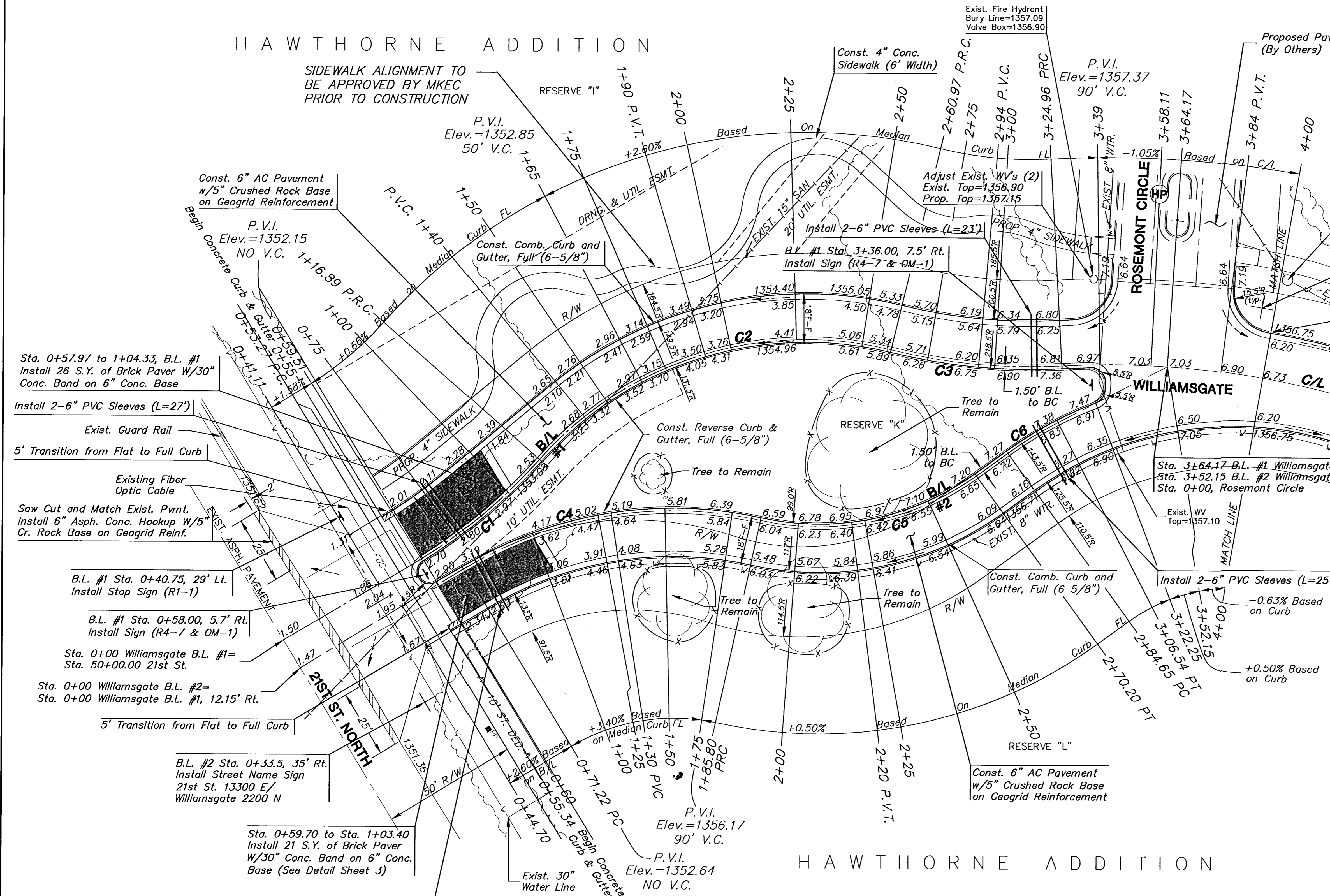
HAWTHORNE ADDITION

SIDEWALK ALIGNMENT TO BE APPROVED BY MKEC PRIOR TO CONSTRUCTION

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



NOTE: CONTRACTOR TO COORDINATE TREE TRIMMING AND/OR REMOVAL, IF NECESSARY, WITH THE ENGINEER/OWNER. NO TREES SHALL BE REMOVED WITHOUT PRIOR APPROVAL OF THE ENGINEER/OWNER.



NOTE: SOME TREE PROTECTION FENCE MAY BE INSTALLED BY OTHERS PRIOR TO THIS PROJECT. IN THESE AREAS, CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE EXISTING FENCE THROUGH THE END OF THIS PROJECT.

CURVE TABLE-C4

$\Delta = 43^{\circ}45'52''$ R = 150.00' T = 60.25' L = 114.58' LC = 111.81'

CURVE DATA BASED ON LEFT CURB $\Delta/2 = 21^{\circ}52'56''$

| STATION | ARC | CHORD LENGTH | | DEFLECTION | TOTAL DEFLECTION |
|---------|--------|--------------|------------|------------|------------------|
| | | 8'off LtCb | 8'off RtCb | | |
| 0+71.22 | - | - | - | 00'00"00" | 00'00"00" |
| 1+00.00 | 28.78' | 31.99' | 25.48' | 05'29"48" | 05'29"48" |
| 1+25.00 | 25.00' | 27.80' | 22.14' | 04'46"29" | 10'16"16" |
| 1+50.00 | 25.00' | 27.80' | 22.14' | 04'46"29" | 15'02"45" |
| 1+75.00 | 25.00' | 27.80' | 22.14' | 04'46"29" | 19'49"14" |
| 1+85.80 | 10.80' | 12.02' | 9.57' | 02'03"42" | 21'52"56" |

Def/Ft = 11.45916 Min.

CURVE TABLE-C5

$\Delta = 48^{\circ}21'29''$ R = 100.00' T = 44.90' L = 84.40' LC = 81.92'

CURVE DATA BASED ON LEFT CURB $\Delta/2 = 24^{\circ}10'45''$

| STATION | ARC | CHORD LENGTH | | DEFLECTION | TOTAL DEFLECTION |
|---------|--------|--------------|------------|------------|------------------|
| | | 8'off LtCb | 8'off RtCb | | |
| 1+85.80 | - | - | - | 00'00"00" | 00'00"00" |
| 2+00.00 | 14.20' | 11.78' | 16.60' | 04'04"05" | 04'04"05" |
| 2+25.00 | 25.00' | 20.70' | 29.17' | 07'09"43" | 11'13"48" |
| 2+50.00 | 25.00' | 20.70' | 29.17' | 07'09"43" | 18'23"31" |
| 2+70.20 | 20.20' | 16.74' | 23.59' | 05'47"13" | 24'10"44" |

Def/Ft = 17.18873 Min.

CURVE TABLE-C6

$\Delta = 08^{\circ}48'03''$ R = 142.50' T = 10.97' L = 21.89' LC = 21.87'

CURVE DATA BASED ON LEFT CURB $\Delta/2 = 04^{\circ}24'01''$

| STATION | ARC | CHORD LENGTH | | DEFLECTION | TOTAL DEFLECTION |
|---------|--------|--------------|------------|------------|------------------|
| | | 8'off LtCb | 8'off RtCb | | |
| 2+84.65 | - | - | - | 00'00"00" | 00'00"00" |
| 3+00.00 | 15.35' | 17.17' | 13.51' | 03'05"09" | 03'05"09" |
| 3+06.54 | 6.54' | 7.32' | 5.76' | 01'18"52" | 04'24'01" |

Def/Ft = 12.06227 Min.

CURVE TABLE-C1

$\Delta = 18^{\circ}13'28''$ R = 200.00' T = 32.08' L = 63.62' LC = 63.35'

CURVE DATA BASED ON RIGHT CURB $\Delta/2 = 09^{\circ}06'44''$

| STATION | ARC | CHORD LENGTH | | DEFLECTION | TOTAL DEFLECTION |
|---------|--------|--------------|------------|------------|------------------|
| | | 8'off LtCb | 8'off RtCb | | |
| 0+53.27 | - | - | - | 00'00"00" | 00'00"00" |
| 0+75.00 | 21.73' | 19.66' | 23.78' | 03'06"45" | 03'06"45" |
| 1+00.00 | 25.00' | 22.61' | 27.36' | 03'34"52" | 06'41"37" |
| 1+16.89 | 16.89' | 15.28' | 18.48' | 02'25"07" | 09'06"44" |

Def/Ft = 8.59437 Min.

CURVE TABLE-C2

$\Delta = 62^{\circ}18'16''$ R = 132.50' T = 80.09' L = 144.08' LC = 137.09'

CURVE DATA BASED ON RIGHT CURB $\Delta/2 = 31^{\circ}09'08''$

| STATION | ARC | CHORD LENGTH | | DEFLECTION | TOTAL DEFLECTION |
|---------|--------|--------------|------------|------------|------------------|
| | | 8'off LtCb | 8'off RtCb | | |
| 1+16.89 | - | - | - | 00'00"00" | 00'00"00" |
| 1+25.00 | 8.11' | 9.27' | 6.95' | 01'45"12" | 01'45"12" |
| 1+50.00 | 25.00' | 28.54' | 21.38' | 05'24"19" | 07'09"31" |
| 1+75.00 | 25.00' | 28.54' | 21.38' | 05'24"19" | 12'33"50" |
| 2+00.00 | 25.00' | 28.54' | 21.38' | 05'24"19" | 17'58"09" |
| 2+25.00 | 25.00' | 28.54' | 21.38' | 05'24"19" | 23'22"28" |
| 2+50.00 | 25.00' | 28.54' | 21.38' | 05'24"19" | 28'46"47" |
| 2+60.97 | 10.97' | 12.54' | 9.40' | 02'22"21" | 31'09"08" |

Def/Ft = 3.54042 Min.

CURVE TABLE-C3

$\Delta = 16^{\circ}51'29''$ R = 217.50' T = 32.23' L = 63.99' LC = 63.76'

CURVE DATA BASED ON RIGHT CURB $\Delta/2 = 08^{\circ}25'45''$

| STATION | ARC | CHORD LENGTH | | DEFLECTION | TOTAL DEFLECTION |
|---------|--------|--------------|------------|------------|------------------|
| | | 8'off LtCb | 8'off RtCb | | |
| 2+60.97 | - | - | - | 00'00"00" | 00'00"00" |
| 2+75.00 | 14.03' | 12.93' | 15.12' | 01'50"53" | 01'50"53" |
| 3+00.00 | 25.00' | 23.03' | 26.94' | 03'17"34" | 05'08"27" |
| 3+24.96 | 24.96' | 23.00' | 26.90' | 03'17"18" | 08'25'45" |

Def/Ft = 7.90287 Min.

MKEC ENGINEERING CONSULTANTS

411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9000

HAWTHORNE ADDITION-PHASE 1
PROJECT NAME

PAVING PLANS
SHEET TITLE

DMU DESIGN BY: DRK DRAWN BY: DRK CHECKED BY:

APRIL 2003 DATE: 02167 JOB NO. 7 / 28 SHEET/OF