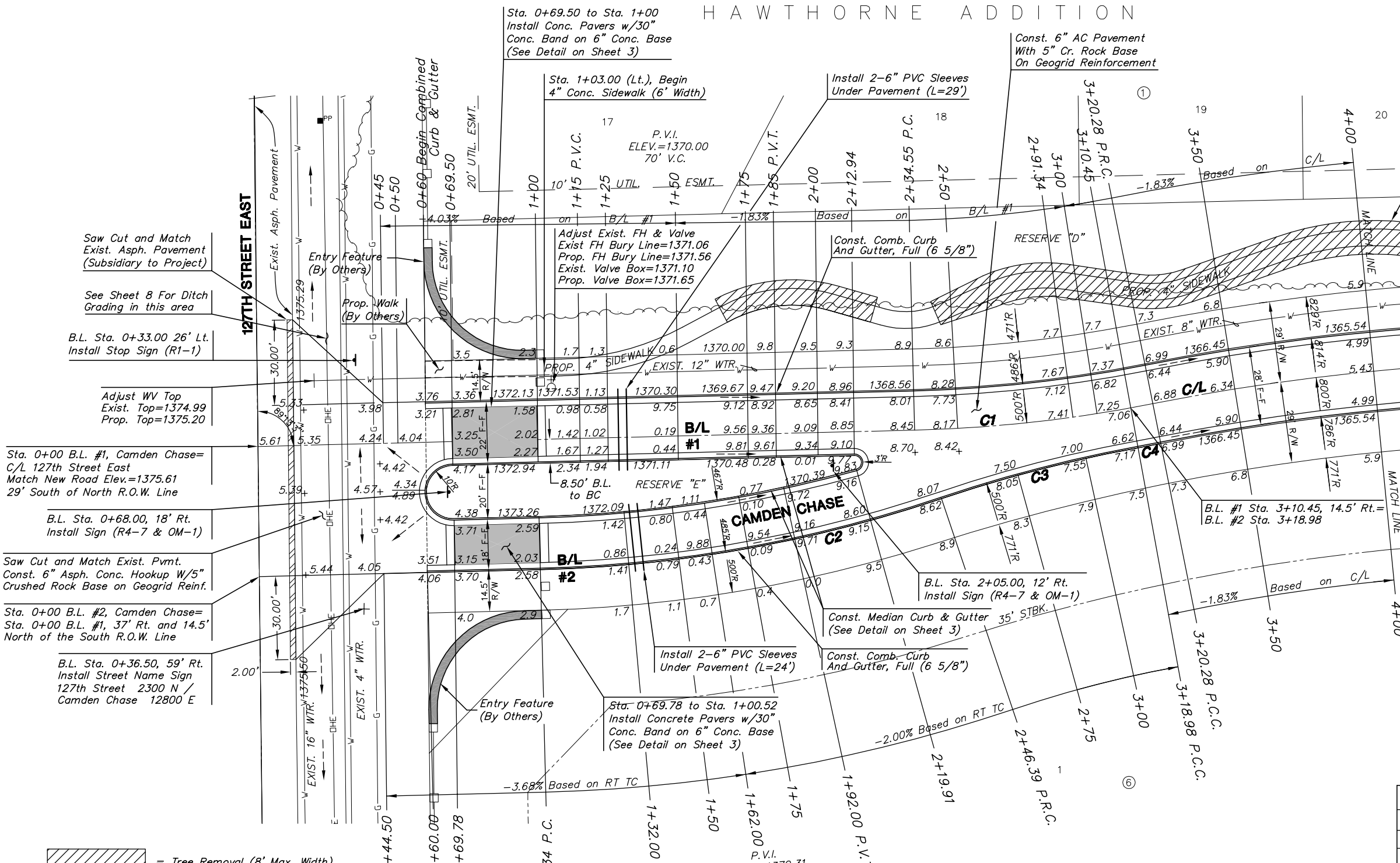
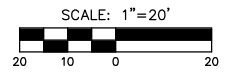


HAWTHORNE ADDITION



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 OR OWNER.

= Tree Removal (8' Max. Width)

$\Delta = 00^{\circ}54'56''$ R = 514.50' T = 4.11' L = 8.22' LC = 8.22'					
CURVE DATA BASED ON CENTERLINE $\Delta/2 = 00^{\circ}27'28''$					
CHORD LENGTH					
STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
3+18.98	-	-	-	00'00'00"	00'00'00"
3+25.00	6.02'	6.28'	5.76'	00'20'07"	00'20'07"
3+27.00	2.20'	2.30'	2.11'	00'07'21"	00'27'28"
Def/Ft = 3.34086 Min.					

$\Delta = 09^{\circ}49'25''$ R = 500.00' T = 42.97' L = 85.73' LC = 85.62'					
CURVE DATA BASED ON CENTERLINE $\Delta/2 = 04^{\circ}54'42''$					
CHORD LENGTH					
STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
2+34.55	-	-	-	00'00'00"	00'00'00"
2+50.00	15.45'	14.86'	16.04'	00'53'07"	00'53'07"
2+75.00	25.00'	24.05'	25.95'	01'25'57"	02'19'03"
3+00.00	25.00'	24.05'	25.95'	01'25'57"	03'45'00"
3+20.28	20.28'	19.51'	21.05'	01'09'42"	04'54'42"
Def/Ft = 3.43775 Min.					

$\Delta = 17^{\circ}14'08''$ R = 485.50' T = 73.58' L = 146.05' LC = 145.50'					
CURVE DATA BASED ON RIGHT CURB $\Delta/2 = 08^{\circ}37'04''$					
CHORD LENGTH					
STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
1+00.34	-	-	-	00'00'00"	00'00'00"
1+25.00	24.66'	23.54'	25.77'	01'27'18"	01'27'18"
1+50.00	25.00'	23.86'	26.13'	01'28'31"	02'55'49"
1+75.00	25.00'	23.86'	26.13'	01'28'31"	04'24'20"
2+00.00	25.00'	23.86'	26.13'	01'28'31"	05'52'50"
2+25.00	25.00'	23.86'	26.13'	01'28'31"	07'21'21"
2+46.39	21.39'	20.42'	22.35'	01'15'43"	08'37'04"
Def/Ft = 3.54042 Min.					

$\Delta = 08^{\circ}19'38''$ R = 499.50' T = 36.36' L = 72.60' LC = 72.53'					
CURVE DATA BASED ON RIGHT CURB $\Delta/2 = 04^{\circ}09'49''$					
CHORD LENGTH					
STATION	ARC	8'Off LtCb	8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
2+46.39	-	-	-	00'00'00"	00'00'00"
2+75.00	28.61'	29.87'	27.35'	01'38'27"	01'38'27"
3+00.00	25.00'	26.10'	23.90'	01'26'02"	03'04'29"
3+18.98	18.98'	19.81'	18.14'	01'05'20"	04'09'49"
Def/Ft = 3.44119 Min.					

MKEC
ENGINEERING
CONSULTANTS
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WICHITA, KS. 67206
316-684-9600

HAWTHORNE ADDITION-PHASE 1
PROJECT NAME

PAVING PLANS
SHEET TITLE

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

DATE: MARCH 2003 JOB NO.: 02167 SHEET/OF: 6 / 19