HAWTHORNE THIRD ADDITION

SCALE: 1"=20'

20 10 0 20

N

PVI ELEV.=1377.06 35' V.C.

CONST. COMBINED CURB & GUTTER, ROLL (3 5/8")

CONST 7" REINF. CONC. VALLEY GUTTER W/5" CRUSHED ROCK BASE ON GEOGRID REINFORCEMENT

CONSTRUCT 5' TRANSITION FROM ROLL TO FULL CURB

CONST. COMBINED CURB & GUTTER, FULL (6 5/8")

CONSTRUCT 5' TRANSITION FROM FULL TO ROLL CURB

CONST. COMBINED CURB & GUTTER, FULL (6 5/8")

CONST. 5" AC PAVEMENT WITH 5" CRUSHED ROCK BASE ON GEOGRID REINF.

CONSTRUCT 10' TRANSITION FROM FULL TO ROLL CURB

STA. 16+83.61, 17.3' LT., AYESBURY
INSTALL SUBDIVISION BENCHMARK
(NO. 8134-08, KANSAS BLUE PRINT CO.)

PVI ELEV.=1375.74 30' V.C.

PVI ELEV.=1377.24 60' V.C.

CONST. COMBINED CURB & GUTTER, ROLL (3 5/8")

PVI ELEV.=1375.34 NO V.C.

CONSTRUCT 10' TRANSITION FROM ROLL TO FULL CURB

EXISTING SSMH
MH TOP=1375.9
FL IN=1364.23 (NE)
FL OUT=1363.90 (W)

STA. 17+29, 25.0' RT.
INSTALL STREET NAME SIGN
Ayesbury/Loch Lomond Ln

EXISTING SSMH
MH TOP=1377.4
FL OUT=1361.37 (W)

EXIST. FIRE HYDRANT
BURY LINE=1373.68
VALVE BOX=1373.9

CONSTRUCT 4" CONC. SIDEWALK (5' WIDTH)

PVI ELEV.=1375.74 30' V.C.

PVI ELEV.=1377.24 60' V.C.

PVI ELEV.=1375.34 NO V.C.

AYESBURY

LOCH LOMOND

MATCH LINE

MATCH LINE

STA. 20+95, 34.0' RT.
INSTALL STREET NAME SIGN
Loch Lomond/Boxthorn

CONST. STANDARD WHEELCHAIR RAMP

CONSTRUCT 10' TRANSITION FROM ROLL TO FULL CURB

STA. 21+00, 31.0' LT.
INSTALL STREET NAME SIGN
Loch Lomond

EXISTING VALVE BOX
VALVE BOX=1372.6

EXIST. FIRE HYDRANT
BURY LINE=1372.45
VALVE BOX=1372.6

STA. 21+27.50, LOCH LOMOND
STA. 17+07.65, BOXTHORN

CURVE TABLE – C2

△ = 92°01'56" R = 170.00' T = 176.14' L = 273.07' LC = 244.64'

CURVE DATA BASED ON CENTERLINE △ /2 = 46°00'58"

STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
15+80.28	–	–	–	00°00'00"	00°00'00"
16+00.00	19.72'	22.67'	16.75'	03°19'23"	03°19'23"
16+25.00	25.00'	28.72'	21.23'	04°12'47"	07°32'10"
16+50.00	25.00'	28.72'	21.23'	04°12'47"	11°44'56"
16+75.00	25.00'	28.72'	21.23'	04°12'47"	15°57'43"
16+83.61	8.61'	9.90'	7.32'	01°27'03"	17°24'46"
17+00.00	16.39'	18.84'	13.93'	02°45'43"	20°10'29"
17+25.00	25.00'	28.72'	21.23'	04°12'47"	24°23'16"
17+50.00	25.00'	28.72'	21.23'	04°12'47"	28°36'03"
17+74.31	24.31'	27.93'	20.65'	04°05'48"	32°41'50"
17+75.00	.69'	.79'	.59'	00°06'59"	32°48'49"
18+00.00	25.00'	28.72'	21.23'	04°12'47"	37°01'36"
18+25.00	25.00'	28.72'	21.23'	04°12'47"	41°14'22"
18+50.00	25.00'	28.72'	21.23'	04°12'47"	45°27'09"
18+53.35	3.35'	3.85'	2.84'	00°33'49"	46°00'58"
					Def/Ft = 10.11102 Min.

CURVE TABLE – C3

△ = 55°27'50" R = 175.00' T = 92.00' L = 169.40' LC = 162.87'

CURVE DATA BASED ON CENTERLINE △ /2 = 27°43'55"

STATION	ARC	CHORD LENGTH 8'Off LtCb	CHORD LENGTH 8'Off RtCb	DEFLECTION	TOTAL DEFLECTION
19+35.73	–	–	–	00°00'00"	00°00'00"
19+50.00	14.27'	16.34'	12.19'	02°20'10"	02°20'10"
19+75.00	25.00'	28.62'	21.34'	04°05'33"	06°25'43"
20+00.00	25.00'	28.62'	21.34'	04°05'33"	10°31'16"
20+25.00	25.00'	28.62'	21.34'	04°05'33"	14°36'49"
20+50.00	25.00'	28.62'	21.34'	04°05'33"	18°42'23"
20+75.00	25.00'	28.62'	21.34'	04°05'33"	22°47'56"
20+91.36	16.36'	18.74'	13.97'	02°40'41"	25°28'37"
21+00.00	8.64'	9.90'	7.38'	01°24'52"	26°53'29"
21+05.13	5.13'	5.88'	4.39'	00°50'26"	27°43'55"
					Def/Ft = 9.82213 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.

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

PAVING AND INCIDENTAL DRAINAGE PLANS
HAWTHORNE THIRD ADDITION
PHASE 4

AYESBURY & LOCH LOMOND PAVING
SHEET TITLE
472-84084
PROJECT NUMBER

DFL DESIGN BY
DMU DRAWN BY
GJA CHECKED BY

ISSUED August 2006
REVISED

SHEET NO.
9 of 39

PLOTTED: Wednesday, August 30, 2006 @ 08:52AM

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