

NOTE:
CONTRACTOR TO COORDINATE TREE REMOVAL
/TRIMMING WITH ENGINEER/OWNER. NO TREES
SHALL BE REMOVED WITHOUT PRIOR APPROVAL BY
ENGINEER AND/OR OWNER.

CONST. 5" AC PVMT.
W/5" CRUSHED ROCK BASE
ON GEOGRID REINF.

FIRE HYDRANT
VALVE BOX=1366.2
BURY LINE=1366.05

CONST. 10' TRANS.
FROM ROLL TO FULL
CURB.

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.

SUBDIVISION BENCH MARKS

NO.	STREET AND STATION	FROM CL	DESCRIPTION	ELEVATIONS
1	WILLIAMSGATE CT STA. 9+84.5	35.5 RT	TOP OF CURB AT SOUTH END SWS INLET	
2	WILLIAMSGATE CT STA. 17+18.5	17.87 RT	TOP OF CURB AT WEST END OF SWS INLET	



SCALE: 1"=20'
20 10 0 20

STA. 13+83.2, LINE 2=
ST. STA. 9+60.8, 35.5' RT.
PROP. TYPE 1A CURB INLET.
CONST. PVMT. HOOKUP &
PVMT. UNDERDRAIN.
INSTALL SEDIMENT BARRIER.
TOP=1364.7

STA. 9+67.5, WILLIAMSGATE CT.
INSTALL SUBDIVISION BENCHMARK
(NO. 8134-08 KANSAS BLUE PRINT)

SEE PAGE 7 FOR
HORSESHOE LAYOUT

CONTRACTOR SHALL VERIFY
LOCATION AND DEPTH OF
EXISTING UTILITIES PRIOR
TO CONSTRUCTION.

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

CONST. 10' TRANS.
FROM ROLL TO FULL
CURB.

CONST. 10' TRANS.
FROM FULL TO ROLL
CURB.

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

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

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

MH TOP 1364.65
FL IN=1352.30
FL OUT=1352.40

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

CURVE TABLE - BL#2 (CURVE 1)

$\Delta = 129^{\circ}01'27''$ $R = 110.00'$ $T = 230.75'$ $L = 247.71'$ $LC = 198.59'$

CURVE DATA BASED ON CENTERLINE $/2 = 64^{\circ}30'44''$

STATION	ARC	CHORD LENGTH		DEFLECTION	TOTAL DEFLECTION
		8'off LICb	8'off RICb		
10+49.28	-	-	-	00'00'00"	00'00'00"
10+75.00	25.72'	30.79'	20.53'	06'41'54"	06'41'54"
11+00.00	25.00'	29.94'	19.96'	06'30'39"	13'12'33"
11+19.07	19.07'	22.86'	15.24'	04'57'59"	18'10'33"
11+25.00	5.93'	7.12'	4.74'	01'32'40"	19'43'13"
11+50.00	25.00'	29.94'	19.96'	06'30'39"	26'13'52"
11+75.00	25.00'	29.94'	19.96'	06'30'39"	32'44'31"
12+00.00	25.00'	29.94'	19.96'	06'30'39"	39'15'10"
12+17.33	17.33'	20.77'	13.55'	04'30'48"	43'45'58"
12+25.00	7.67'	9.20'	6.13'	01'59'51"	45'45'49"
12+50.00	25.00'	29.94'	19.96'	06'30'39"	52'16'29"
12+75.00	25.00'	29.94'	19.96'	06'30'39"	58'47'08"
12+96.99	21.99'	26.34'	17.56'	05'43'36"	64'30'44"

Def/Ft =15.62612 Min.

HAWTHORNE
THIRD ADDITION



HAWTHORNE THIRD ADDITION
WILLIAMSGATE CT. - PHASE 3
PROJECT NAME

PAVING PLANS
SHEET TITLE

MKEC DESIGN BY. MKEC DRAWN BY. DFL CHECKED BY.

AUGUST 2005 DATE 02167 JOB NO. 6 / 36 SHEET/OF