



CURVE TABLE				
CURVE	RADIUS	DELTA	TANGENT	LENGTH
C101	50.000	0°54'59"	0.400	0.800
C102	140.000	5°42'33"	6.981	13.950
C103	140.000	5°42'33"	6.981	13.950
C104	25.000	11°57'41"	2.619	5.219
C105	3.250	146°26'09"	10.777	8.306
C106	3.250	146°26'09"	10.777	8.306
C107	25.000	21°36'10"	4.770	9.426
C108	925.695	13°23'42"	108.704	216.417
C109	933.695	30°39'57"	256.007	499.732
C110	25.000	36°20'27"	8.205	15.857
C111	4.000	144°26'10"	12.472	10.084
C112	4.000	144°26'10"	12.472	10.084

CURVE TABLE				
CURVE	RADIUS	DELTA	TANGENT	LENGTH
C113	25.000	36°20'27"	8.205	15.857
C114	925.695	11°15'16"	91.209	181.831
C115	140.000	7°43'25"	9.450	18.872
C116	140.000	4°44'12"	5.790	11.574
C117	25.000	13°38'48"	2.991	5.954
C118	3.400	148°03'33"	11.880	8.786
C119	25.000	18°11'29"	4.002	7.938
C120	913.695	3°34'47"	28.551	57.084
C121	50.000	22°47'13"	10.076	19.885
C122	25.000	40°19'19"	9.179	17.594
C123	50.006	23°12'30"	10.269	20.256

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED
150 WM	WATERMAIN	150 WM	SWALE	TRAFFIC SIGNAL	B.M. ELEV.	400 FM	FEEDERMAIN	400 FM
300 LDS	LAND DRAINAGE SEWER	300 LDS	MANHOLE	GAS	LOCATION APPROVED UNDERGROUND STRUCTURES	250 WWS	WASTEWATER SEWER	250 WWS
300 CS	COMBINED SEWER	300 CS	CATCHBASIN	HYDRO	SUPV. U/G STRUCTURES COMMITTEE	200 FCM	FORCEMAIN	200 FCM
200 FCM	FORCEMAIN	200 FCM	HYDRO BOX	MTS	DATE		JUNCTIONS	
	HYDRANT		HYDRO POLE	SPRINKLER	NOTE:		HYDRANT	
	VALVE		LIGHT STANDARD	ELEVATION	LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.		VALVE	
	CURB STOP		ANCHOR	SIDEWALK			CURB STOP	
			TREE	CURB				
			SURVEY BAR	ASPHALT				
			SIGNAL CONTROLLER	CONCRETE				

NO.	REVISIONS	DATE	BY
00	ISSUED FOR TENDER	12.06.11	TF

DESIGNED BY	CHECKED BY
DRAWN BY	APPROVED BY
HOR. SCALE:	RELEASED FOR CONSTRUCTION
VERTICAL:	
DATE	DATE

PRELIMINARY DRAWING
NOT TO BE USED FOR CONSTRUCTION
CONSULTANT DRAWING NO. 1200070300-DWG-C1009-00

TETRA TECH
Certificate of Authorization
Wardrop Engineering Inc.
No. 195 Expiry: April 30, 2013

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

WAVERLEY STREET EXTENSION
KENASTON BOULEVARD (FUTURE) TO TIM SALE DRIVE
WAVERLEY STREET (EASTBOUND LANES)
GEOMETRICS

CITY DRAWING NUMBER
SHEET 9 OF 11
C1009