



FERMOR AVE - NORTH MEDIAN - CONTROL LINE GEOMETRY										
NUMBER	LENGTH	RADIUS	DELTA	TANGENT	START STATION	NORTHING	EASTING	END STATION	NORTHING	EASTING
C200	100.287	5010.000	1°08'49"	50.145	1+015.032	9955.038	9785.499	1+115.318	9956.679	9885.771
L201	303.012				1+115.318	9956.679	9885.771	1+418.331	9958.605	10188.777

FERMOR AVE - SOUTH MEDIAN - CONTROL LINE GEOMETRY										
NUMBER	LENGTH	RADIUS	DELTA	TANGENT	START STATION	NORTHING	EASTING	END STATION	NORTHING	EASTING
C302	100.087	5000.000	1°08'49"	50.045	1+015.055	9945.042	9785.763	1+115.141	9946.679	9885.835
L303	303.012				1+115.141	9946.679	9885.835	1+418.153	9948.606	10188.841

CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C32	190.000	9.981	3°00'36"	4.992
C33	190.000	16.424	4°57'10"	8.217
C34	190.000	12.647	3°48'50"	6.326
C35	48.500	18.973	22°24'49"	9.609
C36	50.000	27.948	32°01'36"	14.350
C37	5.000	6.054	69°22'31"	3.461
C38	45.000	8.388	10°40'47"	4.206
C39	15.000	15.267	58°18'52"	8.369
C40	5.000	6.955	79°41'59"	4.173
C41	13.500	6.833	28°59'57"	3.491
C42	20.000	14.052	40°15'24"	7.330
C43	27.500	9.221	19°12'44"	4.654

CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C44	50.000	2.493	2°51'25"	1.247
C45	48.500	7.622	9°00'15"	3.819
C46	50.000	20.136	23°04'26"	10.206
C47	25.000	30.909	70°50'18"	17.779
C48	31.500	19.320	35°08'29"	9.975
C49	50.000	20.136	23°04'26"	10.206
C50	50.000	20.136	23°04'26"	10.206
C51	31.500	20.588	37°26'54"	10.677
C52	25.000	31.916	73°08'43"	18.548
C53	50.000	20.136	23°04'26"	10.206
C54	48.500	7.622	9°00'15"	3.819

FOR CONTINUATION SEE DWG No. 7

**LOCATION APPROVED**  
UNDERGROUND STRUCTURES

SUPR. U/G STRUCTURES COMMITTEE DATE

**NOTE:**  
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.

GBM ELEV	55-015	233.170
C	ISSUED FOR TENDER	19/03/22 RPB
B	ISSUED FOR CLIENT REVIEW	19/02/15 RPB
A	ISSUED FOR 66% CLIENT REVIEW	18/12/21 RPB
No.	REVISIONS	YY/MM/DD BY

**MORRISON HERSHFIELD**

DESIGNED BY: WRJ  
DRAWN BY: DML

CHECKED BY: RPB  
APPROVED BY: BWB

HOR SCALE: 1:500  
VERT SCALE: N/A

RELEASED FOR CONSTRUCTION: N/A

DATE: 19/03/22

PROFESSIONAL'S SEAL  
PROVINCE OF MANITOBA  
REGISTERED PROFESSIONAL ENGINEER  
**R.P. BRUCE**  
CONSULTANT FILE NAME: 1804191-4-Fermor-HG-4.dwg

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

2019/2020 REGIONAL STREET RENEWAL PROGRAM

**FERMOR AVENUE**  
FROM LAGIMODIERE BOULEVARD TO PLESSIS ROAD (CITY BOUNDARY)

HORIZONTAL GEOMETRY  
FERMOR AVENUE  
STA 1+050 SM TO STA 1+400 SM

CITY DRAWING NUMBER: P-3501-4  
SHEET 4 OF 63  
DRAWING No. **4**

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**ENGINEERS GEOSCIENTISTS MANITOBA**  
Certificate of Authorization  
MORRISON HERSHFIELD  
No. 1736

TENDER No.8-2019