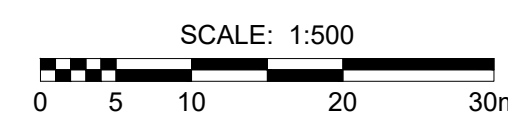


MATCH LINE - STA 0+700 SM - SEE DWG No. 2

MATCH LINE - STA 1+050 SM - SEE DWG No. 4

**PLAN**



FERMOR AVE - NORTH MEDIAN - CONTROL LINE GEOMETRY										
NUMBER	LENGTH	RADIUS	DELTA	TANGENT	START STATION	NORTHING	EASTING	END STATION	NORTHING	EASTING
L200	915.032				0+100.000	9930.908	8870.786	1+015.032	9955.038	9785.499
C200	100.287	5010.000	1°08'49"	50.145	1+015.032	9955.038	9785.499	1+115.318	9956.679	9885.771

FERMOR AVE - SOUTH MEDIAN - CONTROL LINE GEOMETRY										
NUMBER	LENGTH	RADIUS	DELTA	TANGENT	START STATION	NORTHING	EASTING	END STATION	NORTHING	EASTING
L302	344.374				0+670.681	9935.960	9441.509	1+015.055	9945.042	9785.763
C302	100.087	5000.000	1°08'49"	50.045	1+015.055	9945.042	9785.763	1+115.141	9946.679	9885.835

PATH - NORTH EDGE - CONTROL LINE GEOMETRY										
NUMBER	LENGTH	RADIUS	DELTA	TANGENT	START STATION	NORTHING	EASTING	END STATION	NORTHING	EASTING
L500	25.556				0+100.000	9896.485	9729.211	0+125.556	9897.535	9754.745
C500	19.564	51.750	21°39'37"	9.900	0+125.556	9897.535	9754.745	0+145.120	9894.669	9773.980
L501	188.378				0+145.120	9894.669	9773.980	0+333.498	9832.391	9951.766

CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C5	190.000	12.647	3°48'50"	6.326
C6	187.000	12.448	3°48'50"	6.226
C7	190.000	12.647	3°48'50"	6.326
C8	190.000	12.647	3°48'50"	6.326
C9	68.500	17.620	14°44'16"	8.859
C10	70.000	39.776	32°33'25"	20.441
C11	25.000	10.828	24°48'54"	5.500
C12	35.000	35.338	57°50'58"	19.341
C13	76.000	3.199	2°24'42"	1.600
C14	41.000	16.248	22°42'20"	8.232
C15	22.500	3.135	7°58'58"	1.570
C16	22.500	6.125	15°35'48"	3.081
C17	28.956	10.079	19°56'35"	5.091
C18	31.858	7.382	13°16'34"	3.708
C19	56.000	26.978	27°36'07"	13.756

CURVE TABLE				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C20	50.000	89.613	102°41'22"	62.510
C21	50.000	12.278	14°04'12"	6.170
C22	22.500	1.319	3°21'32"	0.660
C23	25.000	7.106	16°17'11"	3.577
C24	41.000	18.743	26°11'31"	9.538
C25	106.000	18.723	10°07'13"	9.386
C26	70.000	39.776	32°33'25"	20.441
C27	35.000	18.608	30°27'43"	9.530
C28	25.000	10.030	22°59'10"	5.083
C29	100.000	46.836	26°50'07"	23.856
C30	98.500	18.957	11°01'37"	9.508
C31	190.000	12.647	3°48'50"	6.326
C32	190.000	9.981	3°00'36"	4.992
C114	15.000	9.636	36°48'28"	4.991
C115	11.500	7.388	36°48'28"	3.826

**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 DATE

**MORRISON HERSHFIELD**

DESIGNED BY: WRJ CHECKED BY: RPB

DRAWN BY: DML APPROVED BY: BWB

RELEASED FOR CONSTRUCTION

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

DATE: 19/03/22

PROFESSIONAL'S SEAL

PROVINCE OF MANITOBA

R.P. BRUCE

REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME: 1804191-3-Fermor-HG-3.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 0+700 SM TO STA 1+050 SM

CITY DRAWING NUMBER: P-3501-3  
SHEET 3 OF 63  
DRAWING No. 3

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

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

TENDER No.8-2019