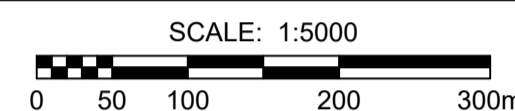


KEY PLAN - HORIZONTAL GEOMETRY



DRAWING LIST

DRAWING No.	DESCRIPTION
0	COVER SHEET, LOCATION PLAN
1	KEY PLAN, DRAWING LIST & HORIZONTAL AND VERTICAL CONTROL

HORIZONTAL GEOMETRY

2	FERMOR AVENUE - STA 0+350 SM TO STA 0+700 SM
3	FERMOR AVENUE - STA 0+700 SM TO STA 1+050 SM
4	FERMOR AVENUE - STA 1+050 SM TO STA 1+400 SM
5	FERMOR AVENUE - STA 1+400 SM TO STA 1+770 SM
6	FERMOR AVENUE - STA 1+770 SM TO STA 2+670 SM
7	ROYAL MINT DRIVE & FUTURE DAWSON ROAD SOUTH

PAVING

8	FERMOR AVENUE - STA 0+300 SM TO STA 0+520 SM
9	FERMOR AVENUE - STA 0+520 SM TO STA 0+740 SM
10	FERMOR AVENUE - STA 0+740 SM TO STA 1+000 SM
11	FERMOR AVENUE - STA 1+000 SM TO STA 1+260 SM
12	FERMOR AVENUE - STA 1+260 SM TO STA 1+520 SM
13	FERMOR AVENUE - STA 1+520 SM TO STA 1+780 SM
14	FERMOR AVENUE - STA 1+780 SM TO STA 2+040 SM
15	FERMOR AVENUE - STA 2+040 SM TO STA 2+250 SM

16	FERMOR AVENUE - STA 2+250 SM TO STA 2+510 SM
17	FERMOR AVENUE - STA 2+510 SM TO STA 2+760 SM

PLAN AND PROFILES

18	DAWSON ROAD SOUTH/MULTI-USE PATH LAGIMODIERE BOULEVARD TO STA 0+200
19	DAWSON ROAD SOUTH/MULTI-USE PATH STA 0+200 TO STA 0+340
20	DAWSON ROAD SOUTH/MULTI-USE PATH STA 0+340 TO ROYAL MINT DRIVE
21	ROYAL MINT DRIVE - DAWSON ROAD SOUTH TO STA 0+200
22	ROYAL MINT DRIVE - STA 0+200 TO FERMOR AVENUE

PAVING AND GRADING

23	RIVERGROVE DEVELOPMENT APPROACH TO DAWSON'S TRAIL
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GRADING

24	FERMOR AVENUE - STA 0+300 SM TO STA 0+520 SM
25	FERMOR AVENUE - STA 0+520 SM TO STA 0+740 SM
26	FERMOR AVENUE - STA 0+740 SM TO STA 1+000 SM
27	FERMOR AVENUE - STA 1+000 SM TO STA 1+260 SM
28	FERMOR AVENUE - STA 1+260 SM TO STA 1+520 SM
29	FERMOR AVENUE - STA 1+520 SM TO STA 1+780 SM
30	FERMOR AVENUE - STA 1+780 SM TO STA 2+040 SM
31	FERMOR AVENUE - STA 2+040 SM TO STA 2+250 SM
32	FERMOR AVENUE - STA 2+250 SM TO STA 2+510 SM
33	FERMOR AVENUE - STA 2+510 SM TO STA 2+760 SM

PROFILES

34	FERMOR AVENUE - EASTBOUND LANES STA 0+300 SM TO STA 0+520 SM
35	FERMOR AVENUE - EASTBOUND LANES STA 0+520 SM TO STA 0+740 SM
36	FERMOR AVENUE - STA 0+740 SM/NM TO STA 1+000 SM/NM
37	FERMOR AVENUE - STA 1+000 SM/NM TO STA 1+260 SM/NM
38	FERMOR AVENUE - STA 1+260 SM/NM TO STA 1+520 SM/NM
39	FERMOR AVENUE - STA 1+520 SM/NM TO STA 1+780 SM/NM
40	FERMOR AVENUE - STA 1+780 SM/NM TO STA 2+040 SM/NM
41	FERMOR AVENUE - STA 2+040 SM/NM TO STA 2+250 SM/NM
42	FERMOR AVENUE - STA 2+250 SM/NM TO STA 2+510 SM/NM
43	FERMOR AVENUE - EASTBOUND LANES - STA 2+510 SM TO STA 2+760 SM
44	FERMOR AVENUE - WESTBOUND LANES - STA 2+510 NM TO STA 2+760 NM

CROSS SECTIONS

45	A & B
46	C & D
47	E & F
48	G, H
49	I, J & K

OVERHEAD SIGN STRUCTURE

50	S792 GENERAL ARRANGEMENT
51	S792 FABRICATION DETAILS 1

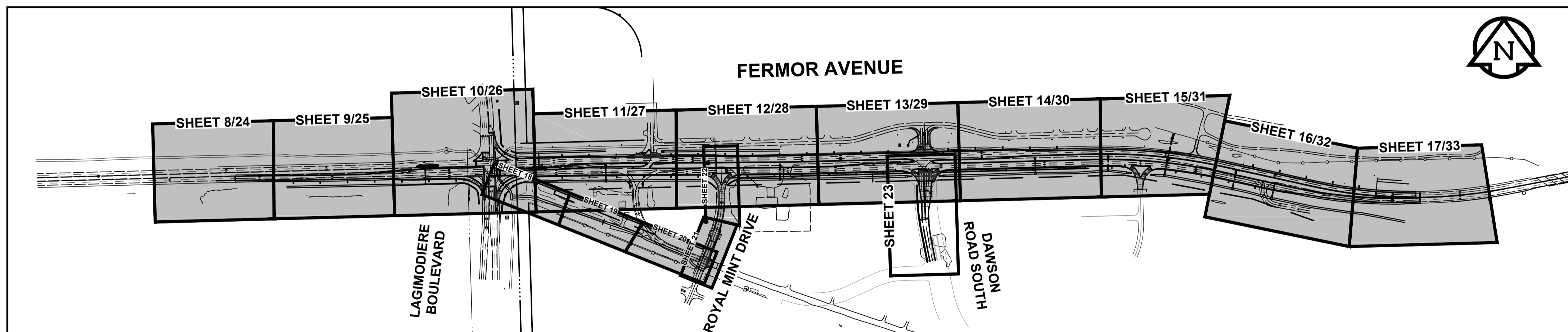
52	S792 FABRICATION DETAILS 2
53	S793 GENERAL ARRANGEMENT
54	S793 FABRICATION DETAILS 1
55	S793 FABRICATION DETAILS 2
56	S794 GENERAL ARRANGEMENT
57	S794 FABRICATION DETAILS

DETAILS AND SECTIONS

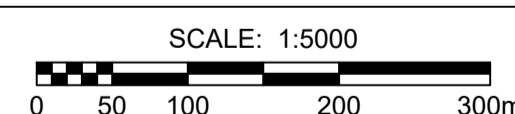
58	QUADGUARD LAYOUT PLANS
59	QUADGUARD DETAILS
60	REACT 350 LAYOUT PLAN, ELEVATION & SECTIONS
61	REACT 350 CONCRETE BACKUP AND PAD
62	VARIOUS
63	VARIOUS

STREET LIGHTING PROJECT

1-04707-DE-50000-0462 1	OF 2 ROADWAY LIGHTING
1-04707-DE-50000-0462 2	OF 2 ROADWAY LIGHTING



KEY PLAN - PAVING AND GRADING



SURVEY BAR-HORIZONTAL CONTROL POINTS-PROJECT COORDINATES					NAD83 DATUM	
CONTROL POINT	LOCATION	NORTHING	EASTING	ELEVATION	NORTHING	EASTING
#1	SURVEY BAR @ E PL WESTMOUNT DR ST AND N PL FERMOR AVE	9962.675	8565.162	232.352	5524455.883	639073.910
#2	SURVEY BAR @ W PL PLESSIS RD AND N PL FERMOR AVE	9961.049	11305.331	233.197	5524454.268	641813.452

NOTE: THE PROJECT DRAWINGS HAVE A SCALE FACTOR OF 1.000228870 APPLIED TO LBIS INFORMATION TO MATCH LOCAL SURVEYED PROJECT COORDINATES

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

LOCATION APPROVED
UNDERGROUND STRUCTURES

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 - 55-015	ELEV - 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



DESIGNED BY	WRJ	CHECKED BY	RPB
DRAWN BY	DID	APPROVED BY	BWB
HOR SCALE	1:3000	RELEASED FOR CONSTRUCTION	N/A
VERT SCALE	N/A	DATE	19/03/22

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
R.P. BRUCE
CONSULTANT FILE NAME
1804191-1-Fermor-KP-1.dwg

GEODETIK BENCHMARK-VERTICAL CONTROL POINT		
GBM	LOCATION	ELEVATION
55-015	Lagimodiere Blvd, W side at Bibeau Bay, Tblt. in E. Conc. foundation pumping station, 1.3m N. & 0.5m below brick of S.E. Cor. of Bldg.	233.170m



Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

TENDER No. 8-2019



2019/2020 REGIONAL STREET RENEWAL PROGRAM
FERMOR AVENUE
FROM LAGIMODIERE BOULEVARD
TO PLESSIS ROAD (CITY BOUNDARY)
KEY PLAN, DRAWING LIST &
HORIZONTAL AND VERTICAL CONTROL

CITY DRAWING NUMBER P-3501-1
SHEET 1 OF 63
DRAWING No. 1