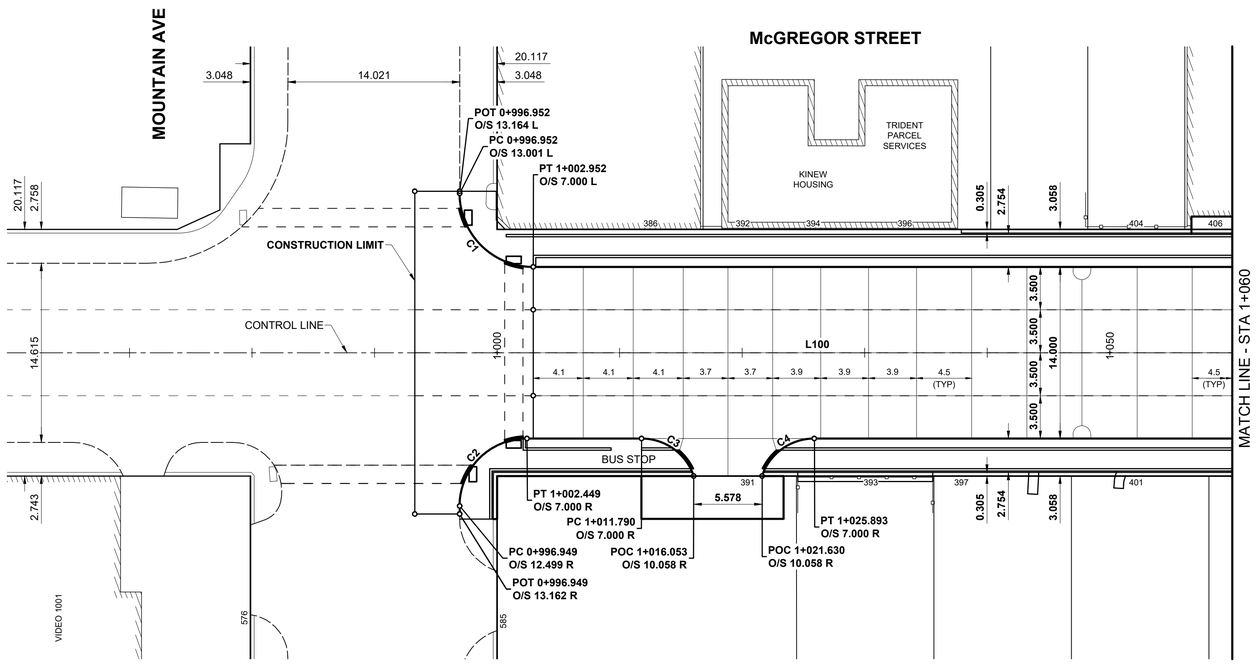

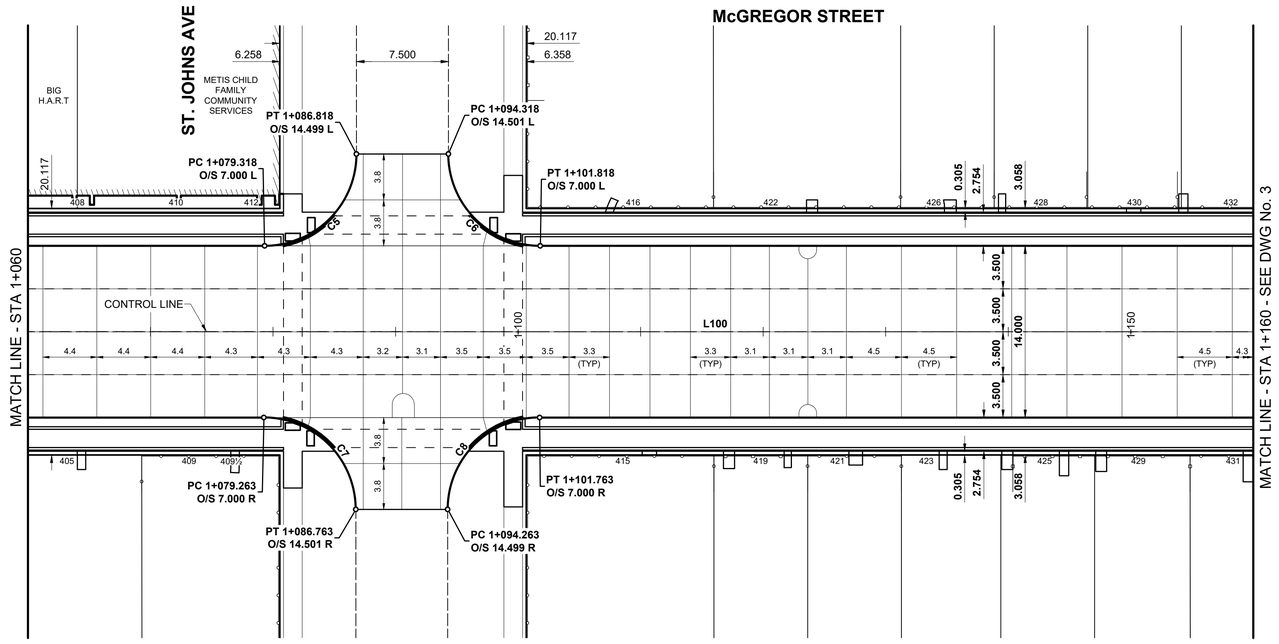

CURVE TABLE

CURVE	RADIUS	LENGTH	DELTA	TANGENT
C1	6.000	9.426	90°00'30"	6.001
C2	5.500	8.639	89°59'30"	5.499
C3	4.500	5.601	71°18'56"	3.229
C4	4.500	5.601	71°18'56"	3.229
C5	7.500	11.780	89°59'30"	7.499
C6	7.500	11.782	90°00'30"	7.501
C7	7.500	11.782	90°00'30"	7.501
C8	7.500	11.780	89°59'30"	7.499

PLAN

SCALE: 1:250

0 5 10 15m

PROJECT HORIZONTAL AND VERTICAL CONTROL POINTS					NAD83 DATUM	
CONTROL POINT	LOCATION	NORTHING	EASTING	ELEVATION	NORTHING	EASTING
#1	SURVEY BAR ON SOUTH PL OF ST ANTHONY AVE, 3.048 m (10') EAST OF WEST PL McGREGOR ST	10864.415	12446.456	230.864 m	5533487.208	634019.974
#2	SURVEY BAR @ S PL MOUNTAIN AVE AND W PL McGREGOR ST 3.048 m (10') OFFSET	9216.488	11675.708	231.439 m	5531839.649	633249.397
THE PROJECT DRAWINGS HAVE A SCALE FACTOR OF 1.0002234323 APPLIED TO CITY OF WINNIPEG GIS INFORMATION TO MATCH LOCAL SURVEYED PROJECT COORDINATES						

CONTROL LINE GEOMETRY										
NUMBER	LENGTH	RADIUS	DELTA	TANGENT	START STATION	NORTHING	EASTING	END STATION	NORTHING	EASTING
L100	538.705				0+884.769	9124.538	11640.520	1+423.473	9612.673	11868.393

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

TENDER No. 509-2022

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.

BM 26-036 ELEV 231.470 m — N.W. Cor. Church Ave. & Andrews St., Brass plug in a 4.6 m Conc. pile, 0.3 m N. of N.L. Church Ave., & 2.6 m E. of W.L. Andrews St.

No.	REVISIONS	YY/MM/DD	BY
C	ISSUED FOR TENDER	23/01/05	ACK
B	ISSUED FOR CLIENT REVIEW	22/07/21	GFC
A	ISSUED FOR GEOMETRY REVIEW	22/03/23	GFC

MORRISON HERSHFIELD

DESIGNED BY	ASM	CHECKED BY	GFC
DRAWN BY	KMB	APPROVED BY	RPB
HOR SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERT SCALE	N/A		
DATE	22/03/23	DATE	

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA — A.C. KAUFMANN — Member 34804 — 2023-01-05 — REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME
2102583-McGregor-HG-01.dwg

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2022-2023 REGIONAL STREET RENEWAL PROGRAM
McGREGOR STREET RECONSTRUCTION
MOUNTAIN AVE TO CHURCH AVE

CONCRETE RECONSTRUCTION
HORIZONTAL GEOMETRY
MOUNTAIN AVE TO STA 1+160

CITY DRAWING NUMBER: P-3558-2
SHEET 2 OF 13
DRAWING NUMBER: 2

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ISO A1 - 594mm x 841mm

x:\Proj\2021\21025830\0-2021-2023 mcgregor mountain renewal\09. cad\07 sheets\McGregor\2102583-McGregor-HG-01.dwg Last Saved: 1/5/2023 9:54 AM by kBerard Plotted: 1/5/2023 11:09 AM by Kevin Berard