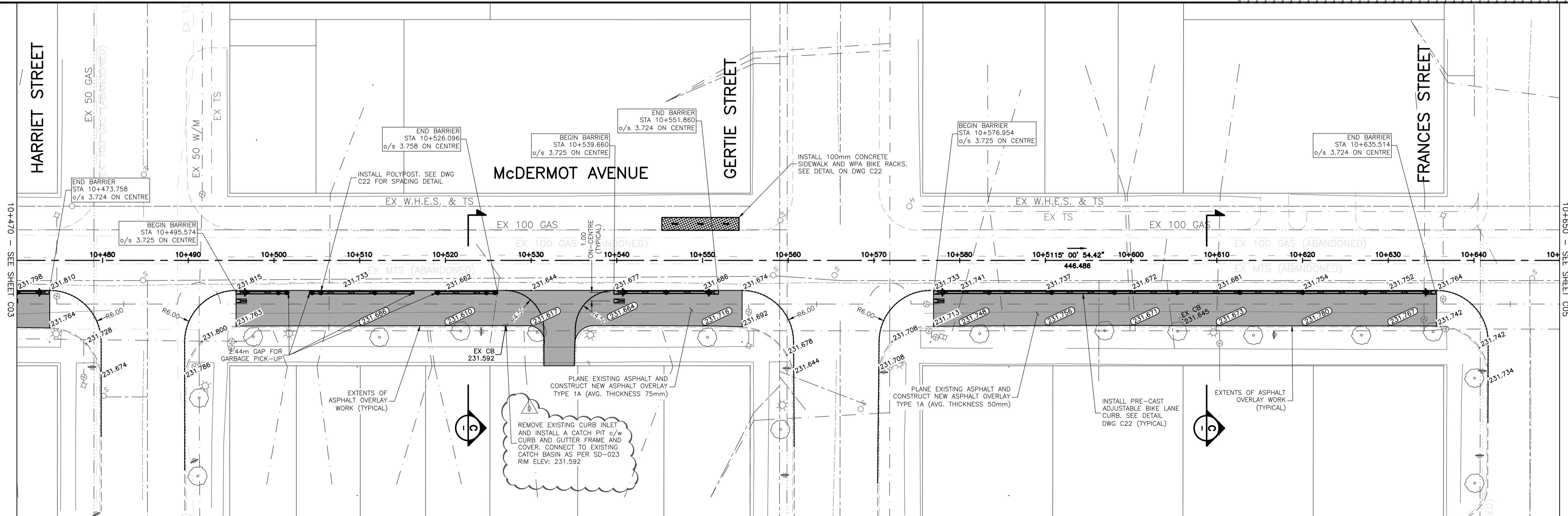


ENGINEERS
GEOSCIENTISTS
MANITOBA
Certificate of Authorization
Urban Systems Ltd.
No. 5053

- GENERAL NOTES:**
- DESIGN GRADES ARE TO BE CONFIRMED ONCE PLANING HAS BEEN COMPLETED.
 - ADJUST VALVES TO MATCH FINAL GRADES.
 - ADJUST PAVEMENT MANHOLE AND CATCH BASIN FRAMES 50mm BELOW FINAL GRADE TO ACCOMMODATE A RISER RING FOR FINAL ASPHALT PAVING OPERATIONS.
 - MAINTAIN TRAFFIC AS OUTLINED IN THE TRAFFIC MANAGEMENT SPECIFICATION.
 - RADII CURB RENEWAL ON INTERSECTING STREETS & BACK LANES TO BE MODIFIED BARRIER CURB AS REQUIRED.
 - CONCRETE REPAIRS TO BE CONFIRMED BY THE CONTRACT ADMINISTRATOR.
 - CURB AND SIDEWALK RENEWAL AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
 - MAINTAIN 25-75mm OF REVEAL ON THE SIGNAL BASES.
 - SEE DWG C22 FOR ADJUSTABLE CURB AND END UNIT DETAILS.
 - NEW CURB TO BE TIED TO EXISTING OVER 2.0m. SEE DWG C23 FOR DETAIL.
 - INSTALL DETECTABLE TILE AS PER CW 3326

FOR SIGNING AND PAVEMENT MARKING DRAWINGS SEE DWG C24 TO C36



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150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	ADJUSTABLE CURB	LOCATION APPROVED UNDERGROUND STRUCTURES
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	M.T.S.	ADJUSTABLE END UNIT	
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	CONCRETE	DECORATIVE LIGHT	
	MANHOLE		ASPHALT	POLYPOST	
	CATCH BASIN	235.750	PROPERTY LINE		
	CURB INLET	500	SURVEY BAR		
	JUNCTIONS		ELEVATION (35.750)		
	CULVERT		TREE		
	GAS		SIDEWALK DETECTABLE		
			CONCRETE SIDEWALK		
			FENCE		
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED

LOCATION APPROVED UNDERGROUND STRUCTURES
SUPV. 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.

B.M. ELEV.	NO.	REVISIONS	DATE	BY
A	60% DETAIL DESIGN		2018-01-27	GS
B	90% DETAIL DESIGN		2018-03-12	GS
C	ISSUED FOR TENDER		2018-03-28	GS
D	ADDENDUM No.1		2018-04-11	GS

URBAN systems

DESIGNED BY: M. Nikolich
DRAWN BY: M. Nikolich
HOR. SCALE: 1:250
VERTICAL: 1:25

CHECKED BY: G. Smith
APPROVED BY: G. Propp
RELEASED FOR CONSTRUCTION BY:

DATE: APRIL 11, 2018

ENGINEER'S SEAL
NOT FOR CONSTRUCTION

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

McDermot Bannatyne Adjustable Bike Lanes
McDermot Avenue
Plan Profile
Station 10+470 to 10+650

SHEET 04 OF 36
CAD FILE DRAWING NUMBER C02-C22-3354001101-PLN.DWG
CITY DRAWING NUMBER P-3496-04