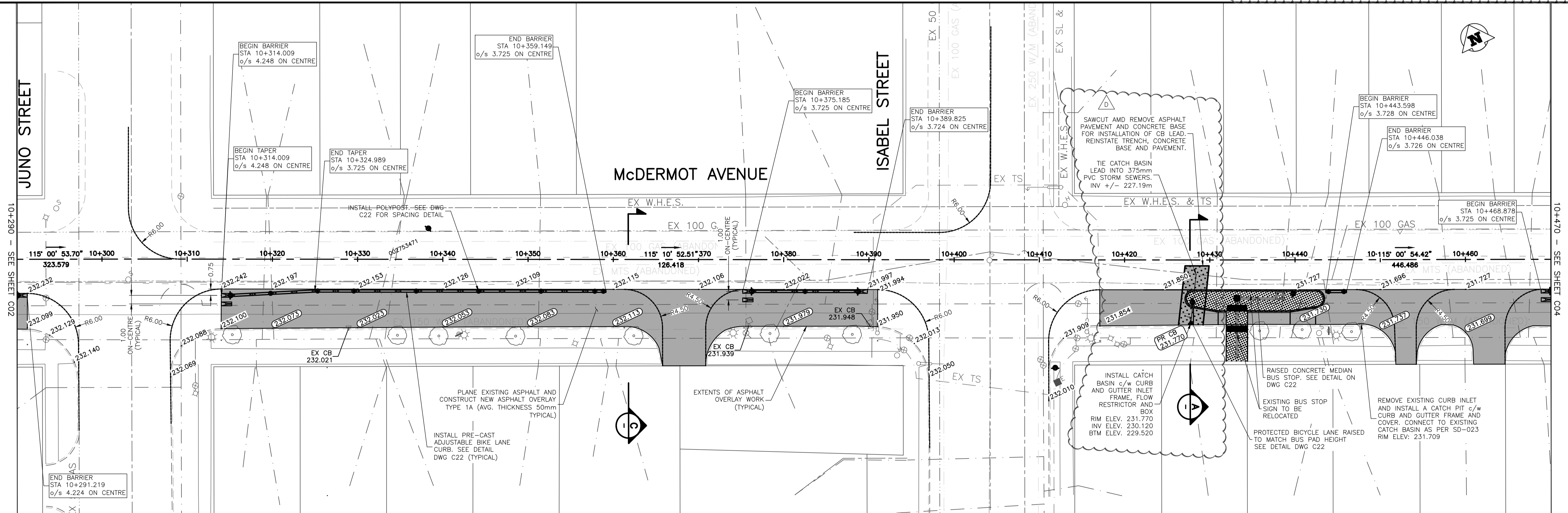


ENGINEERS
GEOSCIENTISTS
MANITOBA
Certificate of Authorization
Urban Systems Ltd.
No. 5053

- 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.
 - RADI 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
150 mm W.M.	HYDRANT	150 mm W.M.	M.T.S.	ADJUSTABLE END UNIT	
300mm L.D.S.	VALVE	300mm L.D.S.	CONCRETE	DECORATIVE LIGHT	
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	ASPHALT	POLYPOST	
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE		
150 mm W.M.	MANHOLE	150 mm W.M.	SURVEY BAR		
150 mm W.M.	CATCH BASIN	150 mm W.M.	ELEVATION (35.750)		
150 mm W.M.	CURB INLET	150 mm W.M.	TREE		
150 mm W.M.	JUNCTIONS	150 mm W.M.	SIDEWALK DETECTABLE		
150 mm W.M.	CULVERT	150 mm W.M.	CONCRETE SIDEWALK		
150 mm W.M.	GAS	150 mm W.M.	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.	DATE	BY
A 60% DETAIL DESIGN	2018-01-26	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
NO. REVISIONS	DATE	BY

URBAN systems

DESIGNED BY: M. Nikolich
CHECKED BY: G. Smith
DRAWN BY: M. Nikolich
APPROVED BY: G. Propp
HOR. SCALE: 1:250
VERTICAL: 1:25
RELEASED FOR CONSTRUCTION BY:
DATE: APRIL 11, 2018

ENGINEER'S SEAL
NOT FOR CONSTRUCTION
CONSULTANT DRAWING NO. 3354.0011.01 C03

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

McDermot Bannatyne Adjustable Bike Lanes
McDermot Avenue
Plan
Station 10+290 to 10+470

SHEET 03 OF 36
CAD FILE DRAWING NUMBER C02-C22-3354001101-PLN.DWG
CITY DRAWING NUMBER P-3496-03