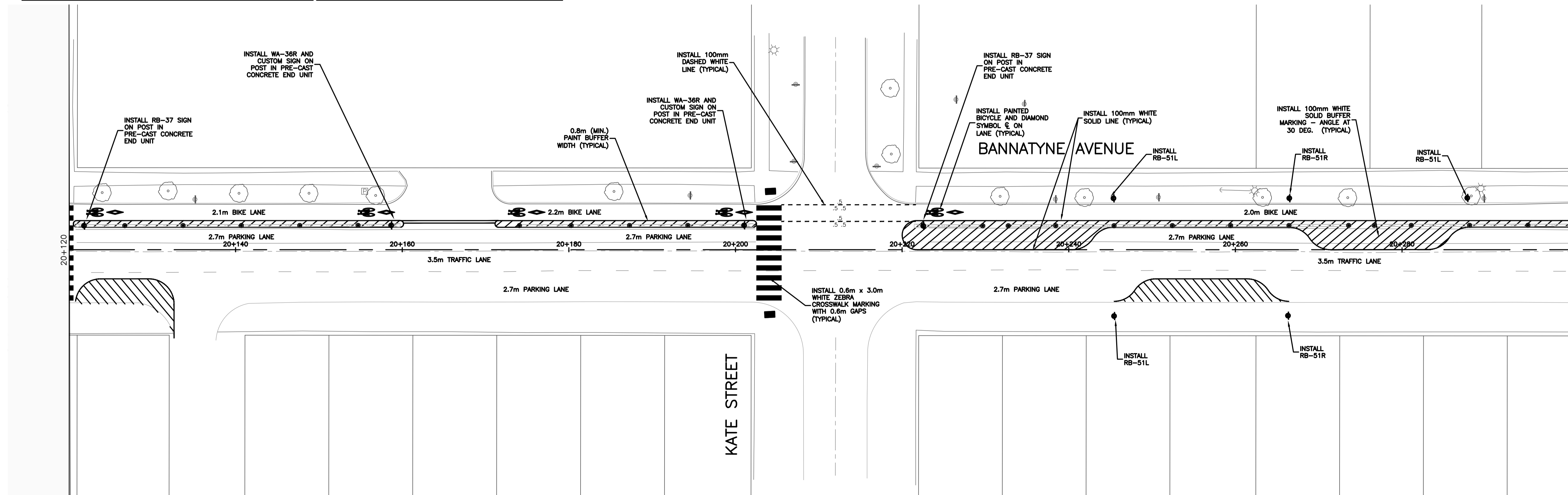


**ENGINEERS
GEOSCIENTISTS
MANITOBA**
Certificate of Authorization
Urban Systems Ltd.
No. 5053

CONTRACTOR TO INSTALL GREEN BIKE LANE TREATMENTS, ALL OTHER PAVEMENT MARKINGS TO BE INSTALLED BY CITY OF WINNIPEG - TRAFFIC SERVICES
SEE PLAN DRAWINGS FOR END BARRIER PLACEMENT DWG C02 TO C21 | EXISTING PAVEMENT MARKINGS TO BE REMOVED AS NEEDED



20+300 - SEE SHEET C30

U:\Projects_VAN\3354001101\1D-Design\CAD\PRO\SET 1\C24-C36-3354001101-SPM.dwg, C29, 2018-03-28 10:18 am mnikolich

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	ADJUSTABLE CURB	LOCATION APPROVED UNDERGROUND STRUCTURES
⊕	HYDRANT	⊕	M.T.S.	ADJUSTABLE END UNIT	
⊕	VALVE	⊕	CONCRETE	DECORATIVE LIGHT	
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	ASPHALT	BOLLARD	
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE		
○	MANHOLE	⊕	SURVEY BAR		
□	CATCH BASIN	235.750	ELEVATION (35.750)		
▽	CURB INLET	⊕500	TREE		
+	JUNCTIONS	+	SIDEWALK DETECTABLE		
+	CULVERT	+	CONCRETE SIDEWALK		
+	GAS	+	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.			
A	60% DETAIL DESIGN	2018-01-22	GS
B	90% DETAIL DESIGN	2018-03-12	GS
C	ISSUED FOR TENDER	2018-03-28	GS
NO.	REVISIONS	DATE	BY

URBAN systems

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

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

DATE: MARCH 28, 2018

ENGINEER'S SEAL
NOT FOR CONSTRUCTION

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

McDermot Bannatyne Adjustable Bike Lanes
Bannatyne Avenue
Signage & Pavement Markings
Station 20+000 to 20+300

SHEET 29 OF 36
CAD FILE DRAWING NUMBER C24-C36-3354001101-SPM.DWG
CITY DRAWING NUMBER P-3496-29