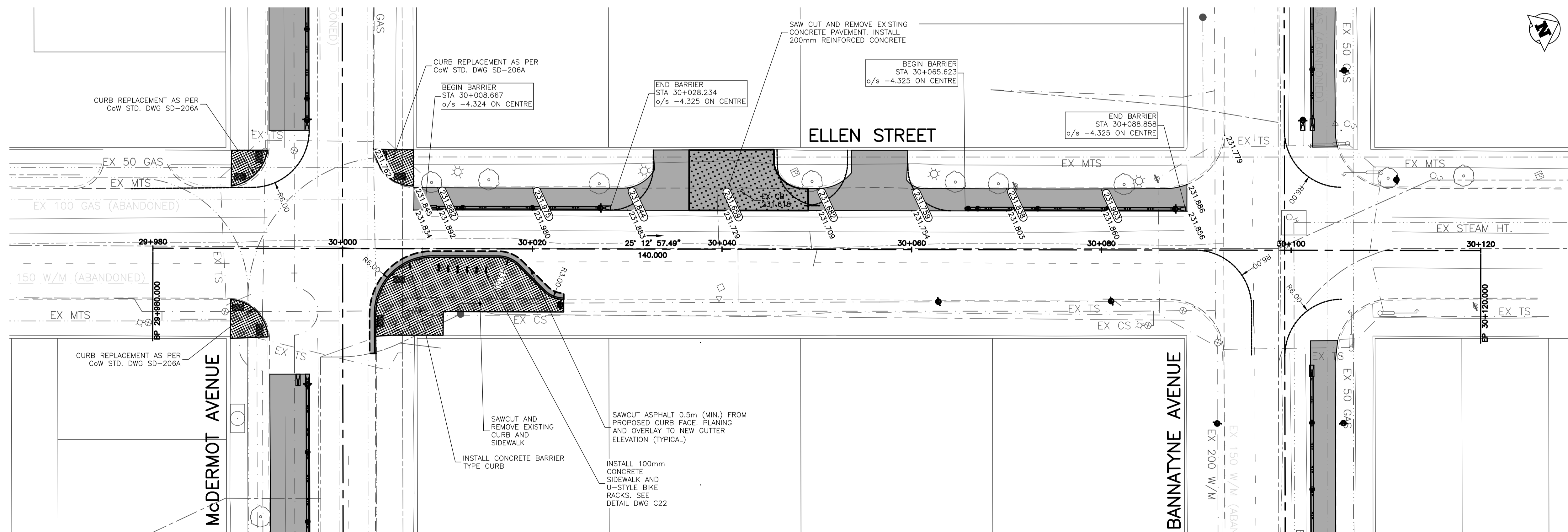


NOTE: FOR CURB DETAILS, SEE DWGS C05 AND C14

**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
Hydrant	HYDRANT	M.T.S.	ADJUSTABLE END UNIT		
Valve	VALVE	CONCRETE	DECORATIVE LIGHT		
300mm L.D.S.	LAND DRAINAGE SEWER	ASPHALT	POLYPOST		
250mm W.W.S.	WASTEWATER SEWER	PROPERTY LINE			
Manhole	MANHOLE	SURVEY BAR			
Catch Basin	CATCH BASIN	ELEVATION (35.750)			
Curb Inlet	CURB INLET	TREE			
Junctions	JUNCTIONS	SIDEWALK DETECTABLE			
Culvert	CULVERT	CONCRETE SIDEWALK			
Gas	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.	NO.	REVISIONS	DATE	BY
A	60% DETAIL DESIGN		2018-01-43	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
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 C20

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

McDermot Bannatyne Adjustable Bike Lanes
Ellen Street
Plan Profile
Station 29+980 to 30+120

SHEET 20 OF 36
CAD FILE DRAWING NUMBER C02-C22-3354001101-PLN.DWG
CITY DRAWING NUMBER P-3496-20