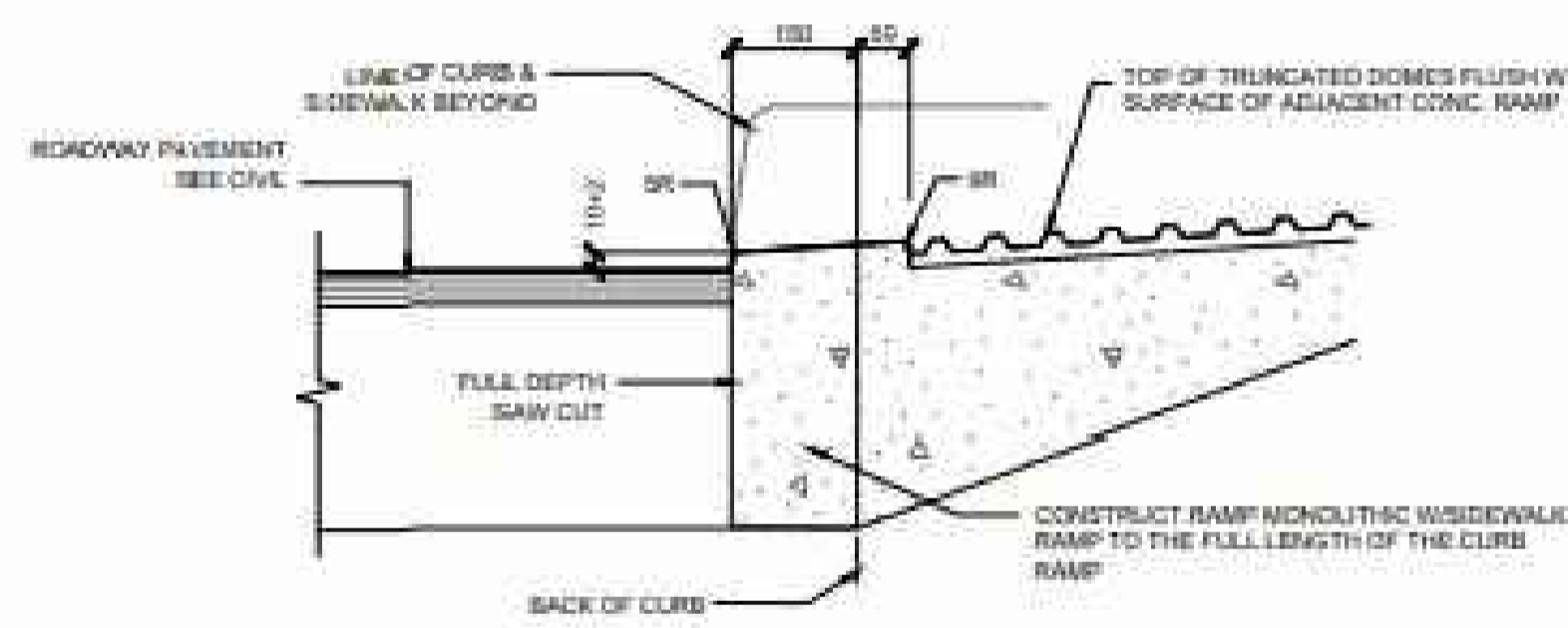
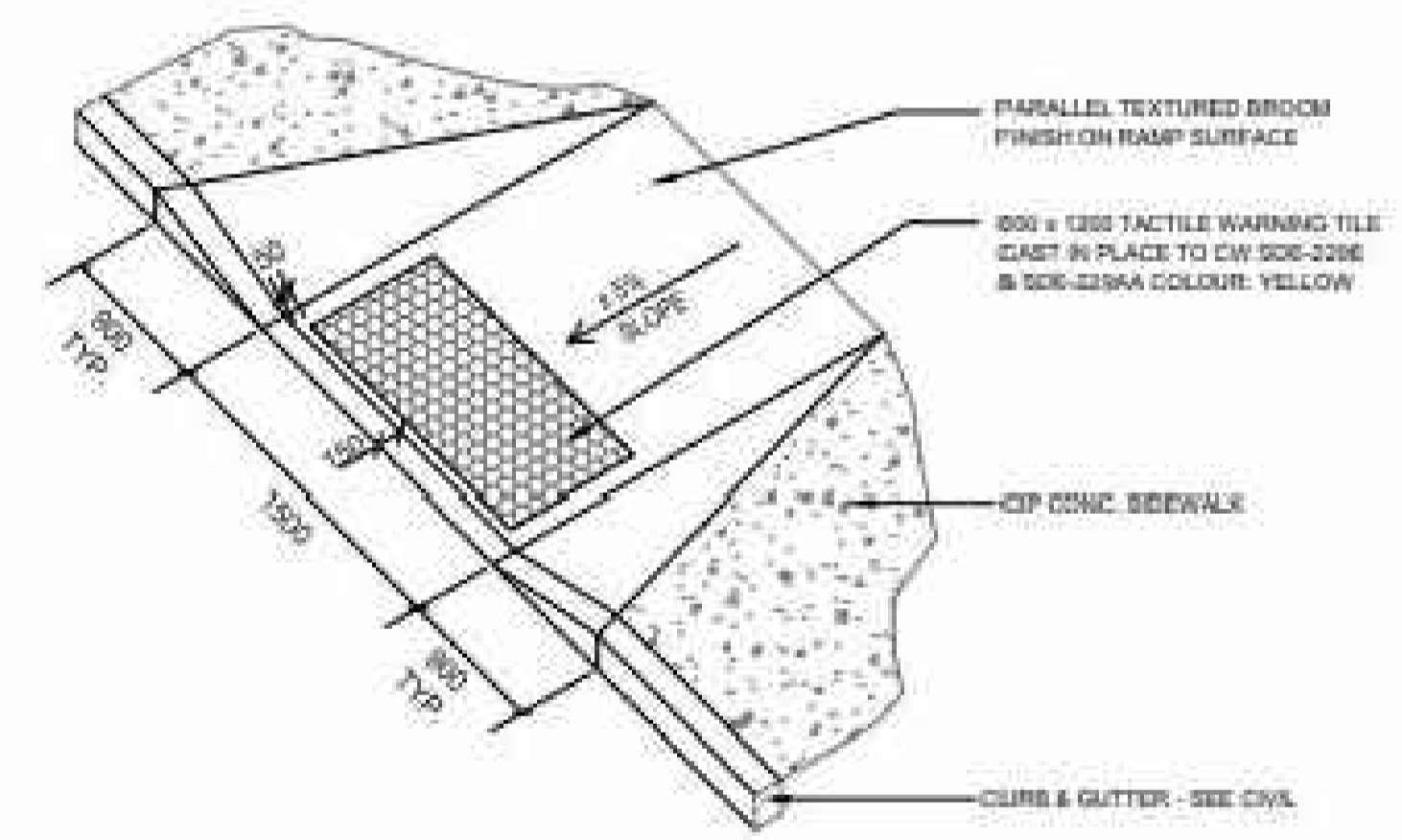


**ENGINEERS  
GEOSCIENTISTS  
MANITOBA**  
Certificate of Authorization  
Urban Systems Ltd.  
No. 5053



4 CURB RAMP W/ TACTILE WARNING TILE  
SCALE: NTS



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150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	ADJUSTABLE CURB	ADJUSTABLE CURB
◇	HYDRANT	◆	M.T.S.	ADJUSTABLE END UNIT	ADJUSTABLE END UNIT
⊙	VALVE	⊙	CONCRETE	DECORATIVE LIGHT	DECORATIVE LIGHT
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	ASPHALT	BOLLARD	BOLLARD
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE		
○	MANHOLE	⊕	SURVEY BAR		
□	CATCH BASIN	■	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	90% DETAIL DESIGN	2018-03-08	GS
B	ISSUED FOR TENDER	2018-03-28	GS
NO.	REVISIONS	DATE	BY

**URBAN systems**

DESIGNED BY: M. Nikolich  
DRAWN BY: D. Barry  
HOR. SCALE: As Shown  
VERTICAL: As Shown

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

DATE: MARCH 28, 2018

ENGINEER'S SEAL

NOT FOR CONSTRUCTION

CONSULTANT DRAWING NO. 3354.0011.01 C22

**THE CITY OF WINNIPEG**  
Winnipeg PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

McDermot Bannatyne Adjustable Bike Lanes  
Concrete, Bus-stop and Bike Facility Details

SHEET 22 OF 36  
CAD FILE DRAWING NUMBER C23-3354001101-DET.DWG  
CITY DRAWING NUMBER P-3496-22