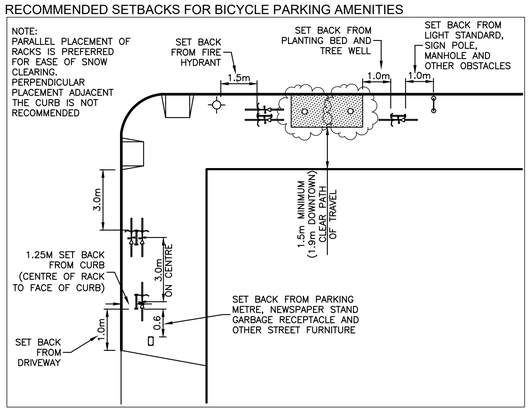
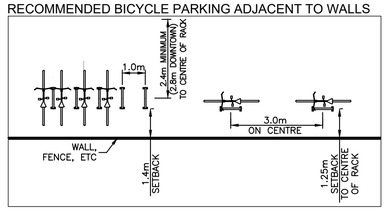
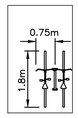
RECOMMENDED SETBACKS FOR BICYCLE PARKING AMENITIES

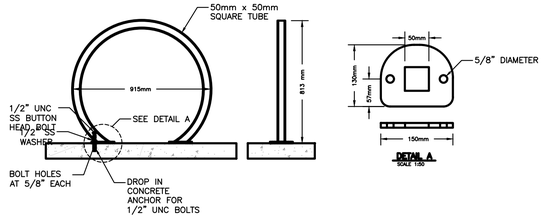


RECOMMENDED BICYCLE PARKING ADJACENT TO WALLS

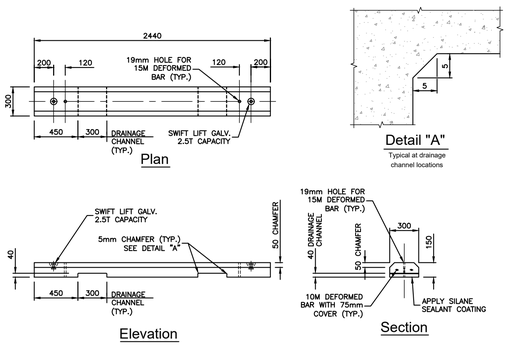




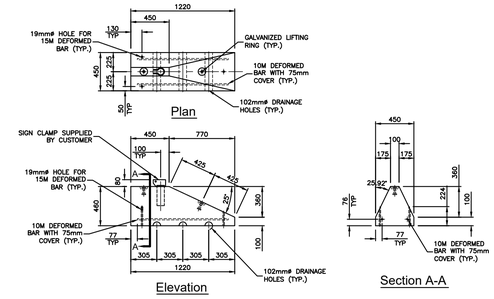
BICYCLE PARKING DESIGN GUIDE AND DETAILS
NTS



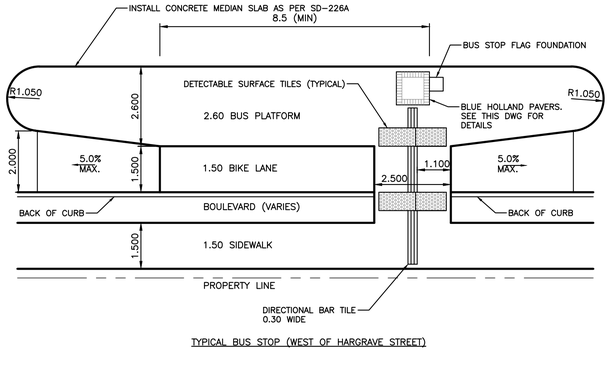
U-STYLE BIKE RACKS
SCALE 1:50



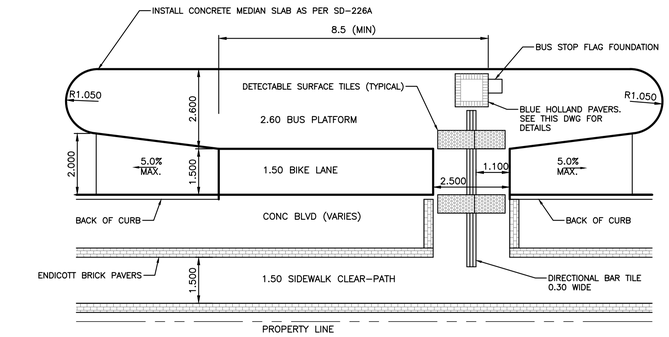
ADJUSTABLE CURB WITH DRAINAGE CHANNEL
NTS



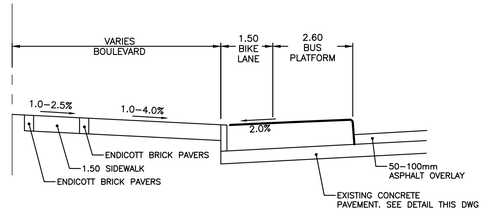
PRE-CAST CONCRETE ADJUSTABLE BIKE LANE CURB - END UNIT
NTS



TYPICAL BUS STOP (WEST OF HARGRAVE STREET)

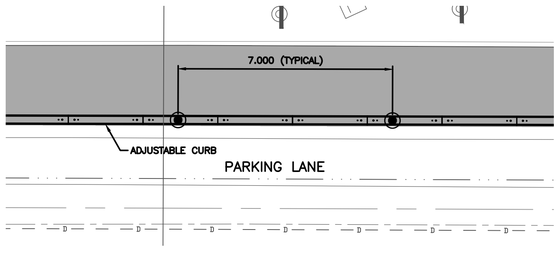


TYPICAL BUS STOP (EAST OF HARGRAVE STREET)

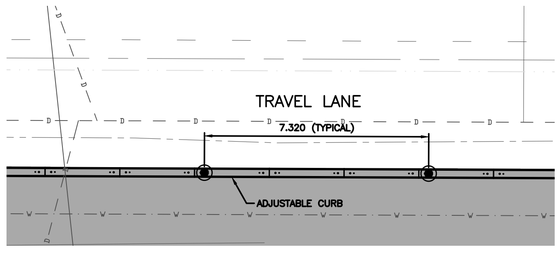


BUS PLATFORM - TYPICAL CROSS-SECTION

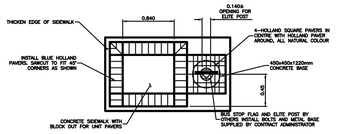
STANDARD BUS STOP DETAIL
SCALE 1:100



POLYPOST SPACING ADJACENT TO PARKING
NTS



POLYPOST SPACING WITHOUT PARKING
NTS



BUS STOP FLAG FOUNDATION
NTS

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

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.		HYDRO			ADJUSTABLE CURB	
◇	HYDRANT			M.T.S.			ADJUSTABLE END UNIT	
⊗	VALVE	⊗		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				
○	MANHOLE	●		SURVEY BAR				
□	CATCH BASIN	■	235.750	ELEVATION	(35.750)			
▽	CURB INLET	▼		TREE				
	JUNCTIONS			SIDEWALK DETECTABLE				
	CULVERT			CONCRETE SIDEWALK				
	GAS			FENCE				

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
B	90% DETAIL DESIGN	2018-03-08	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 D. Barry — APPROVED BY G. Propp
HOR. SCALE: As Shown — VERTICAL: — RELEASED FOR CONSTRUCTION BY:
DATE APRIL 11, 2018 — DATE

ENGINEER'S SEAL
NOT FOR CONSTRUCTION

CONSULTANT DRAWING NO.
3354.0011.01
C22

THE CITY OF 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

U:\Projects_VAN\3354\0011\01D-Design\CAD\PROD\SET 1\C23-3354001101-DET.dwg, C22, 2018-04-10 09:03 pm mnikolich