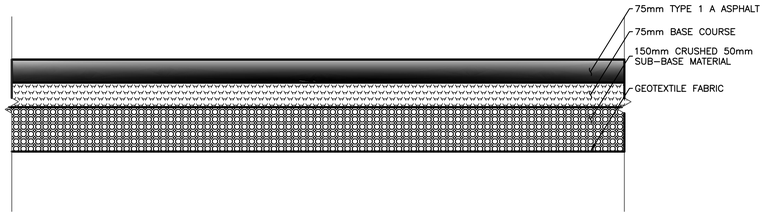
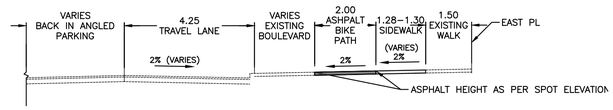



## HARGRAVE ASPHALT BIKE PATH STRUCTURE

SCALE 1:10




## H TYPICAL SECTION

NOT TO SCALE

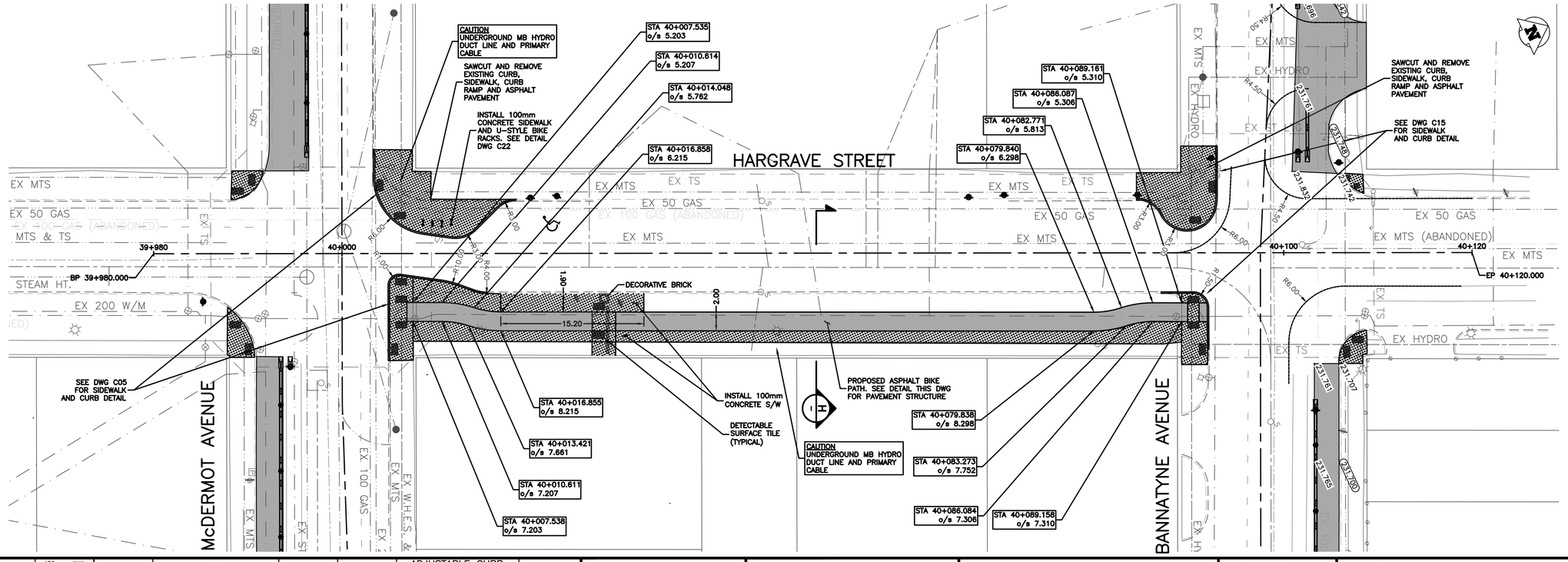
ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
Urban Systems Ltd.
No. 5053

GENERAL NOTES:

1. DESIGN GRADES ARE TO BE CONFIRMED ONCE PLANING HAS BEEN COMPLETED.
2. ADJUST VALVES TO MATCH FINAL GRADES.
3. ADJUST PAVEMENT MANHOLE AND CATCH BASIN FRAMES 50mm BELOW FINAL GRADE TO ACCOMMODATE A RISER RING FOR FINAL ASPHALT PAVING OPERATIONS.
4. MAINTAIN TRAFFIC AS OUTLINED IN THE TRAFFIC MANAGEMENT SPECIFICATION.
5. RADII CURB RENEWAL ON INTERSECTING STREETS & BACK LANES TO BE MODIFIED BARRIER CURB AS REQUIRED.
6. CONCRETE REPAIRS TO BE CONFIRMED BY THE CONTRACT ADMINISTRATOR.
7. CURB AND SIDEWALK RENEWAL AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
8. MAINTAIN 25–75mm OF REVEAL ON THE SIGNAL BASES.
9. SEE DWG C22 FOR ADJUSTABLE CURB AND END UNIT DETAILS.

NOTE: FOR CURB DETAILS, SEE DWGS C06 AND C15

FOR SIGNING AND PAVEMENT MARKING DRAWINGS SEE DWG C23 TO C35




| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 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 | | | 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 | | 500ø | TREE | | | | |
| | JUNCTIONS | | | SIDEWALK DETECTABLE | | | | |
| | CULVERT | | | CONCRETE SIDEWALK | | | | |
| | GAS | | | FENCE | | | | |
| EXISTING | LEGEND – PLAN | PROPOSED | 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 | 2018-01-44 | GS |
| B | 90% DETAIL DESIGN | 2018-03-12 | GS |
| C | ISSUED FOR TENDER | 2018-03-28 | 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 MARCH 28, 2018
DATE

ENGINEER'S SEAL

NOT FOR CONSTRUCTION

CONSULTANT DRAWING NO.
3354.0011.01
C21

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

McDermot Bannatyne Adjustable Bike Lanes

Hargrave Street
Plan Profile
Station 39+980 to 40+120

SHEET 21 OF 36

CAD FILE DRAWING NUMBER
C02-C22-3354001101-PLN.DWG

CITY DRAWING NUMBER
P-3496-21

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