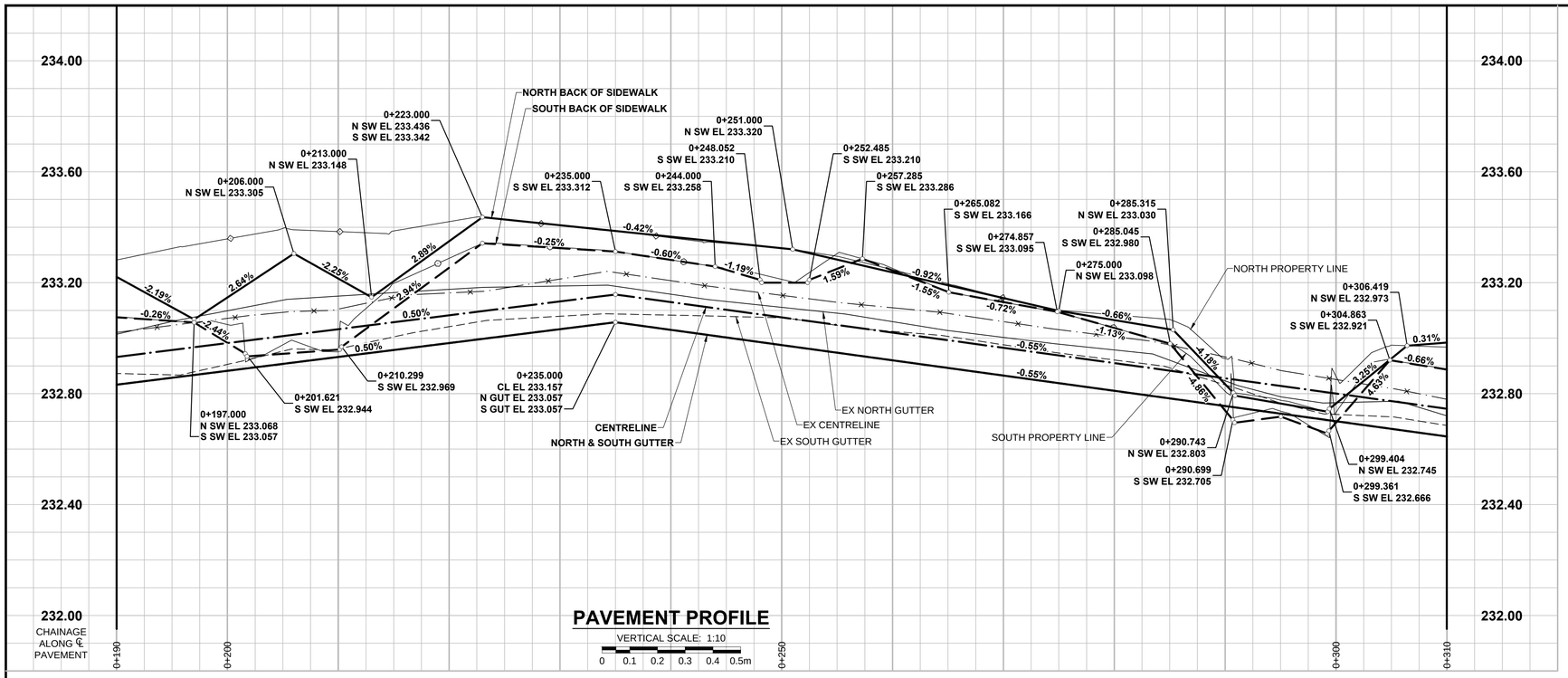
ISO A1 - 594mm x 841mm



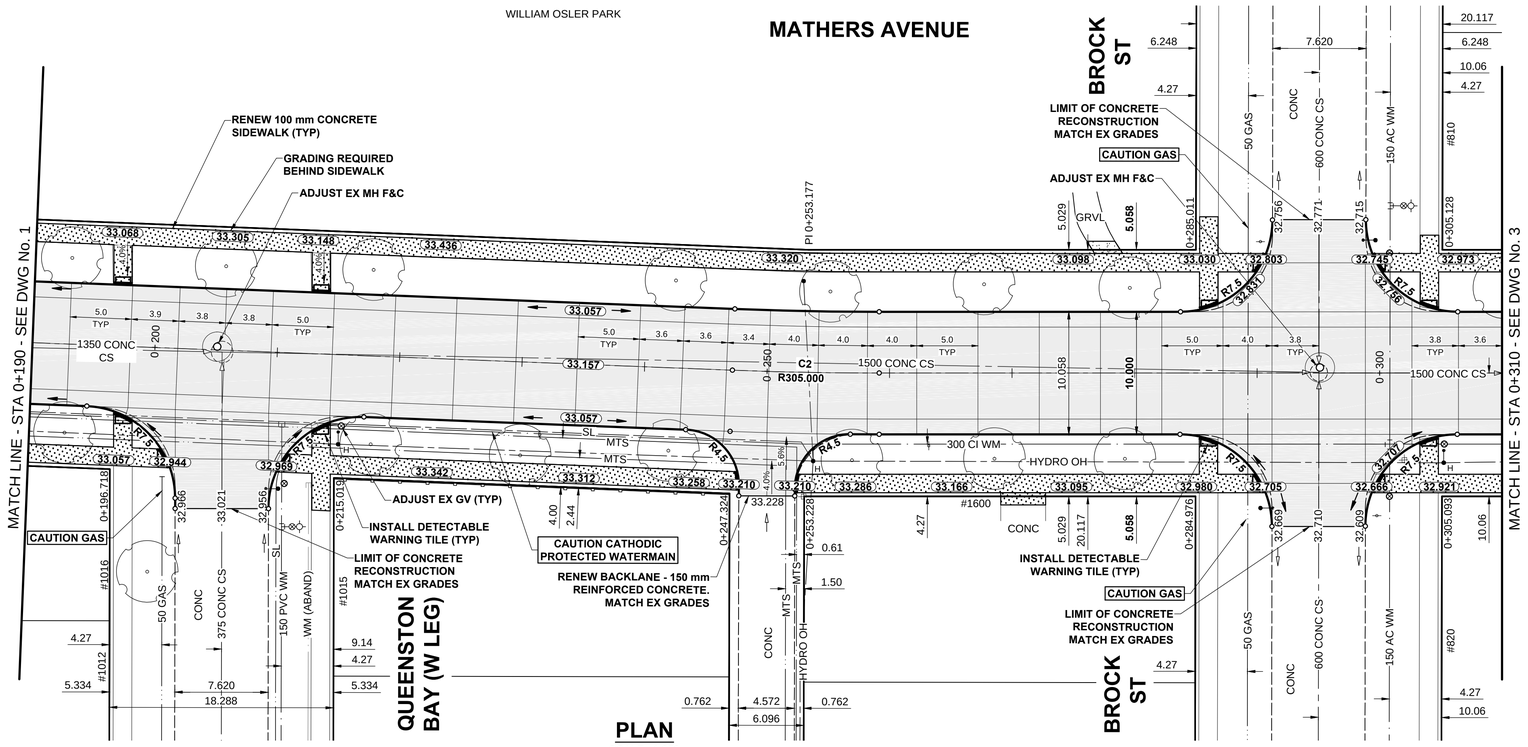
PAVEMENT PROFILE

VERTICAL SCALE: 1:10

0 0.1 0.2 0.3 0.4 0.5m

NOTES

1. ADJUST MH AND CB RIMS TO NEW GRADES.
2. LAMP STANDARDS, HYDRO POLES, AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, TO BE DONE SO AT THE EXPENSE OF THE CONTRACTOR AS NECESSARY.
3. CONTRACTOR TO REGRADE/RENEW EXISTING PRIVATE SIDEWALKS TO LIMITS AS SHOWN. SIDEWALKS TO BE RENEWED WITH CONCRETE UNLESS NOTED OTHERWISE.
4. CONTRACTOR TO TAKE PRECAUTIONARY STEPS TO PROTECT EXISTING TREES WITHIN THE LIMITS OF CONSTRUCTION FROM DAMAGE FROM CONSTRUCTION ACTIVITIES AS OUTLINED IN THE SPECIFICATIONS.
5. CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
6. CB SD-023 & SD-024 OFFSETS ARE DIMENSIONED TO BOC. CB SD-025 OFFSETS ARE DIMENSIONED O/C.
7. IN GENERAL, PAVEMENT AND SIDEWALK AREAS TO BE REMOVED. MATCH RECONSTRUCTION LIMITS.
8. REFER TO BID OPPORTUNITY FOR DETAILS REGARDING TRAFFIC MANAGEMENT.
9. ALL EXISTING LONG WATER SERVICES TO BE INSULATED (SD-018). REFER TO BID OPPORTUNITY FOR FURTHER REQUIREMENTS.
10. ALL COSTS, MATERIALS AND LABOR ASSOCIATED WITH THE RESTORATION OF THE CATHODIC PROTECTED WATERMAIN WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
11. ADD 200.000m TO ABBREVIATED ELEVATIONS TO OBTAIN GEODETIC ELEVATIONS.



PLAN

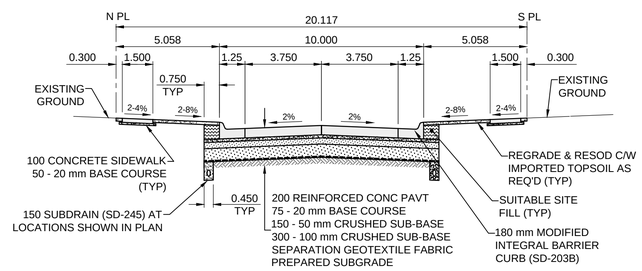
SCALE: 1:250

0 5 10 15m

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

CONTROL LINE - CURVES				
CURVE	RADIUS	LENGTH	DELTA	TANGENT
C2	305.000	11.985	2°15'05"	5.993



TYPICAL PAVEMENT SECTION

CONCRETE PAVEMENT STRUCTURE

SCALE: NTS

Certificate of Authorization
MORRISON HERSHFIELD
No. 1736

BID OPPORTUNITY No. 180-2016

	GAS			MANHOLE			CONCRETE PAVEMENT	
	MTS HANDWELL/PEDESTAL			CATCH BASIN/CATCH PIT			CONC SIDEWALK/MEDIAN	
	HYDRO HANDWELL/CABINET			CURB INLET WITH BOX			ASPHALT PAVEMENT	
	CATV/FIBRE OPTIC			TREE			PAVING STONE	
	TRAFFIC SIGNALS/PIT		TH-12	TEST HOLE			GRAVEL	
	LAND DRAINAGE SEWER			PROPERTY LINE			RAMP CURB	
	SANITARY/COMBINED SEWER			SURVEY BAR			PLANING/REMOVAL	
	CB LEAD/SSP/DCP			FENCE				
	WATERMAIN			BOC/EDGE OF PAVEMENT				
	SUBDRAIN		33.000	ELEVATION	(33.333)			
	DITCH			TRAFFIC SIGN				
EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW	EXISTING	LEGEND - PLAN	NEW

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPR. 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.

BM 51-009
ELEV 233.133 m
N.W. Cor. Mathers Ave. & Queenston St., Brass plug in 10.5 m Conc. pile 2.7 m S. of N.L. Mathers Ave. & 2.7 m E. of W.L. Queenston St.

No.	REVISIONS	YY/MM/DD	BY
C	ISSUED FOR ADDENDUM 1	16/04/26	JGK
B	ISSUED FOR TENDER	16/04/14	JGK
A	ISSUED FOR CLIENT REVIEW	16/03/18	JGK

MORRISON HERSHFIELD

DESIGNED BY	JGK	CHECKED BY	WRJ
DRAWN BY	DML	APPROVED BY	BWB
HOR SCALE	1:250	RELEASED FOR CONSTRUCTION	
VERT SCALE	1:10		
DATE	16/03/09	DATE	

PROFESSIONAL'S SEAL
PROVINCE OF MANITOBA
J.G. KENNEDY
Member
22326
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT FILE NAME
W160015-Mathers-PP-02.dwg

Winnipeg

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2016 LOCAL STREETS PACKAGE
MATHERS AVENUE
CAMPBELL ST TO ASH ST
CONCRETE RECONSTRUCTION
HORIZONTAL AND VERTICAL ALIGNMENT
STA 0+190 TO STA 0+310

CITY DRAWING NUMBER	
N/A	
SHEET	OF
2	17
DRAWING No.	REV
2	C

M:\Proj\W160015\4 Design\1 Drawings\5 Sheets\16-R-02\W160015-Mathers-PP-02.dwg Last Saved: 4/22/2016 11:41 AM by kberard Plotted: 4/22/2016 11:42 AM by Kevin Berard