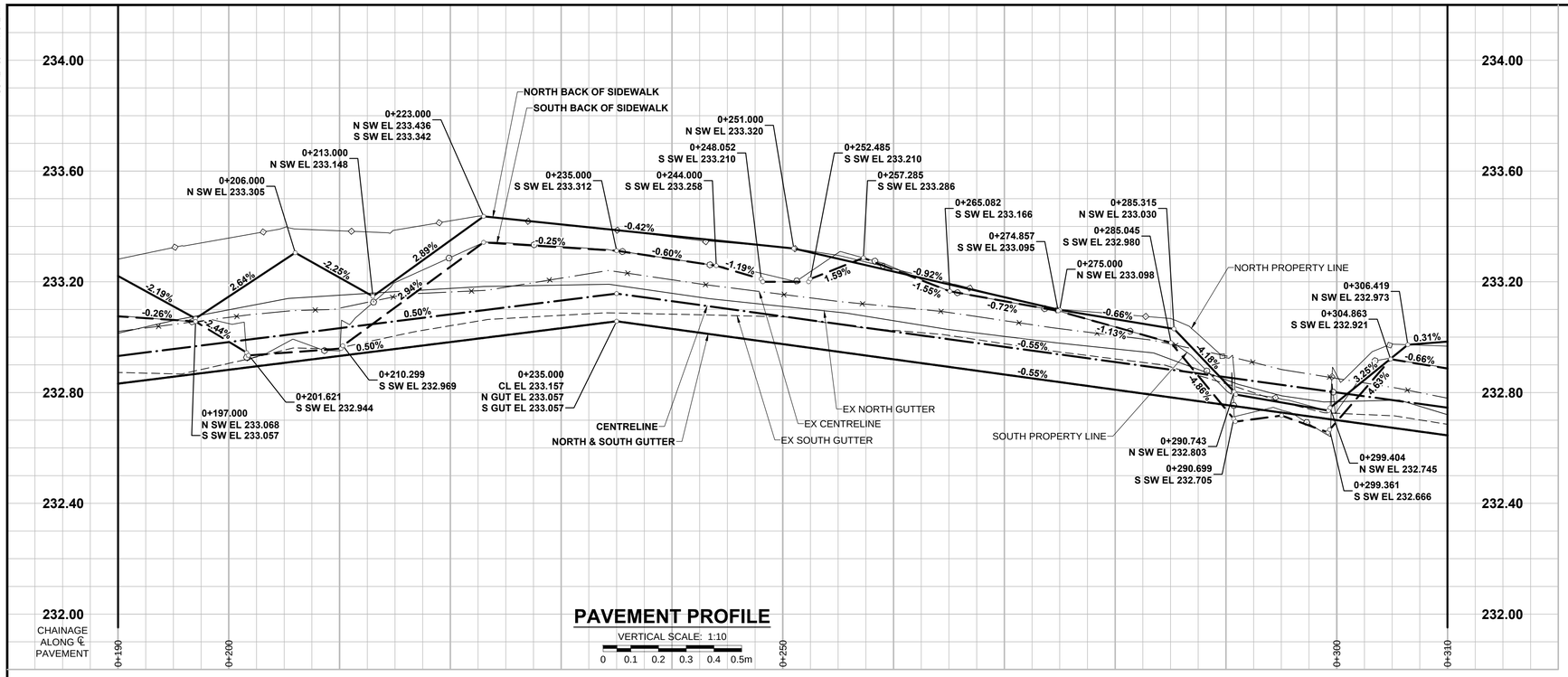
ISO A1 - 594mm x 841mm



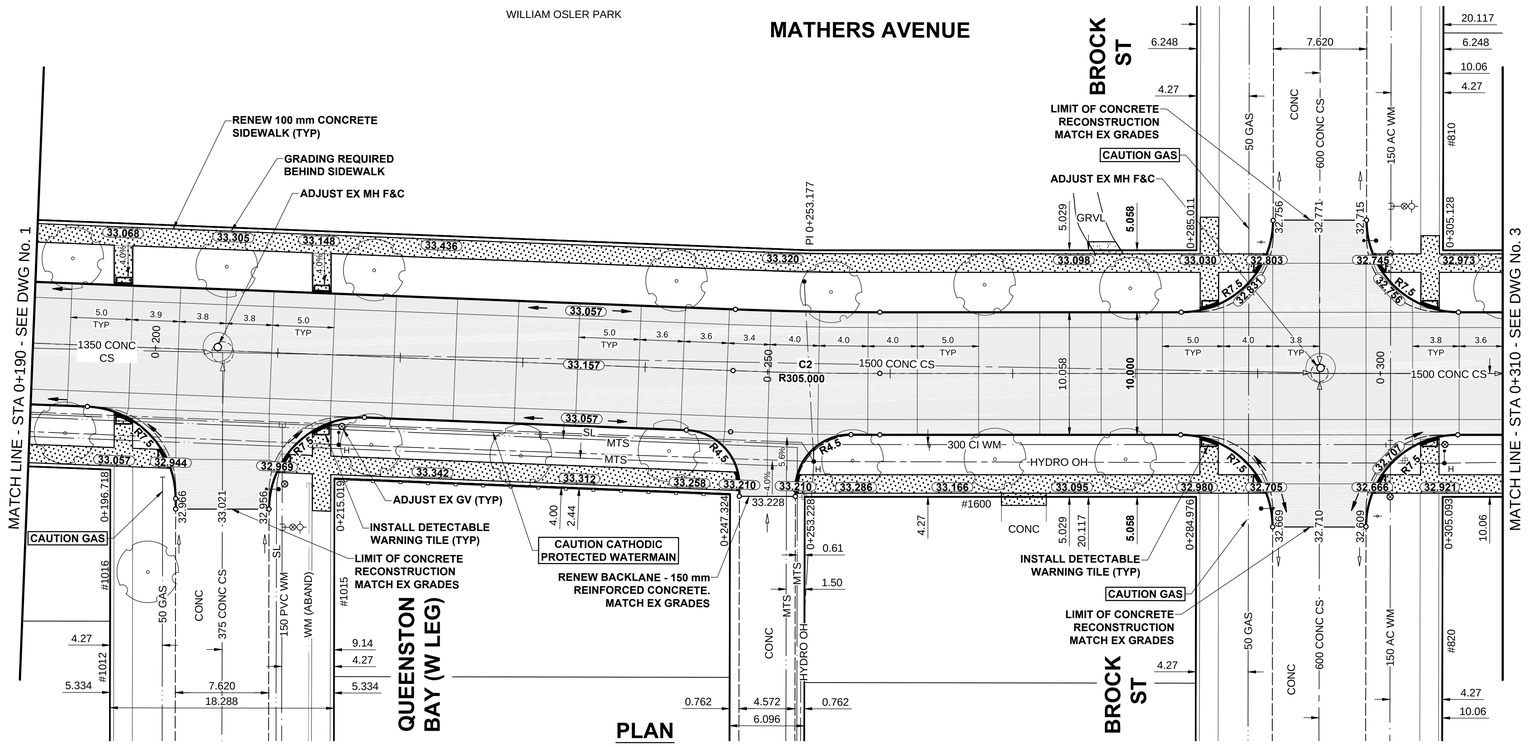
PAVEMENT PROFILE

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

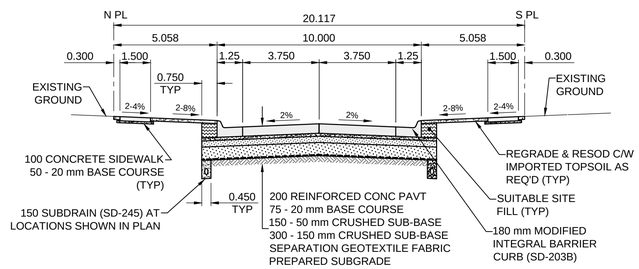
0 5 10 15m

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
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	B

M:\Proj\W160015\4 Design\1 Drawings\5 Sheets\16-R-02a\W160015-Mathers-PP-02.dwg Last Saved: 4/14/2016 5:48 PM by: dlane Plotted: 4/15/2016 9:39 AM by Dave Lane