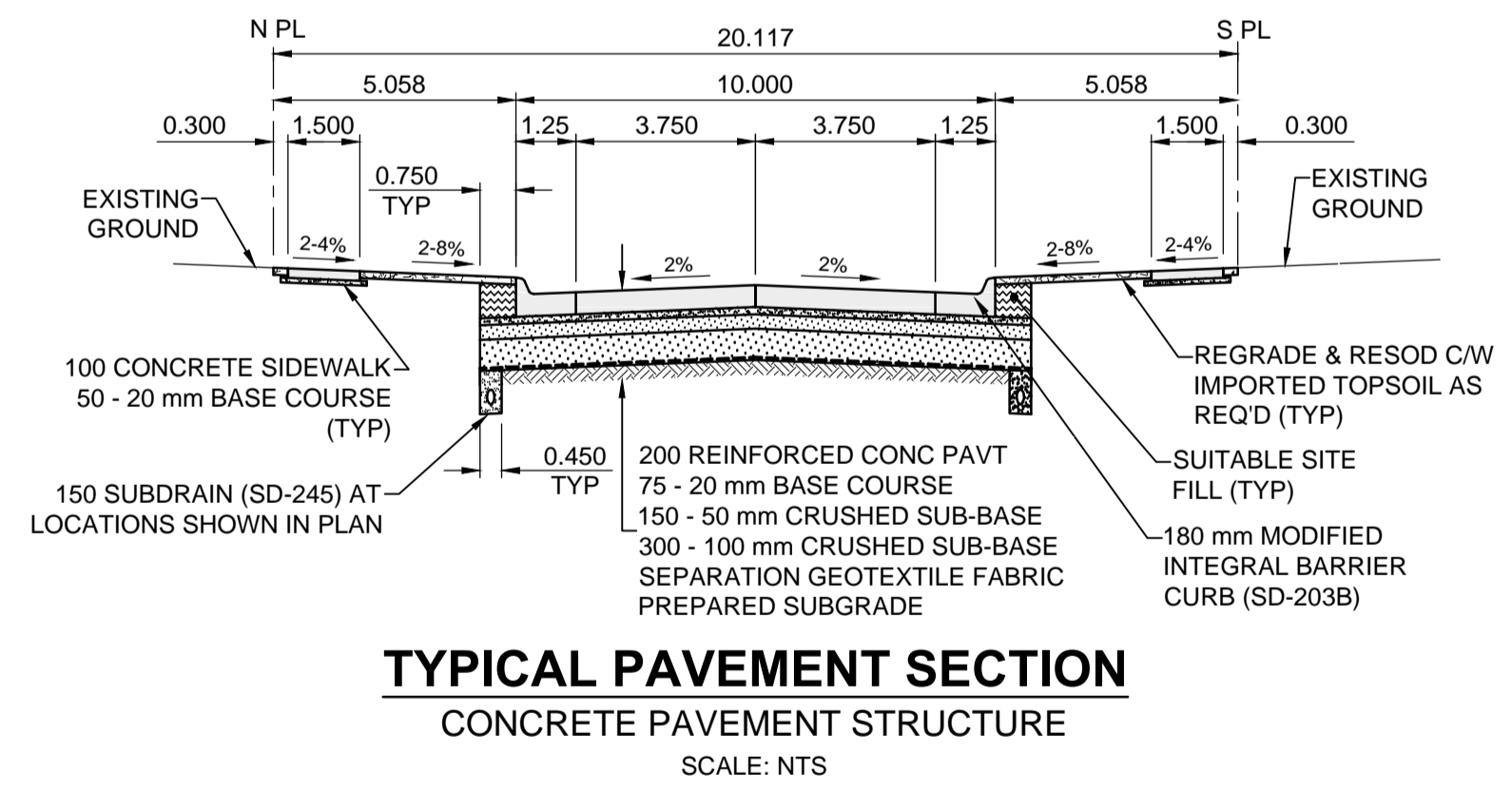
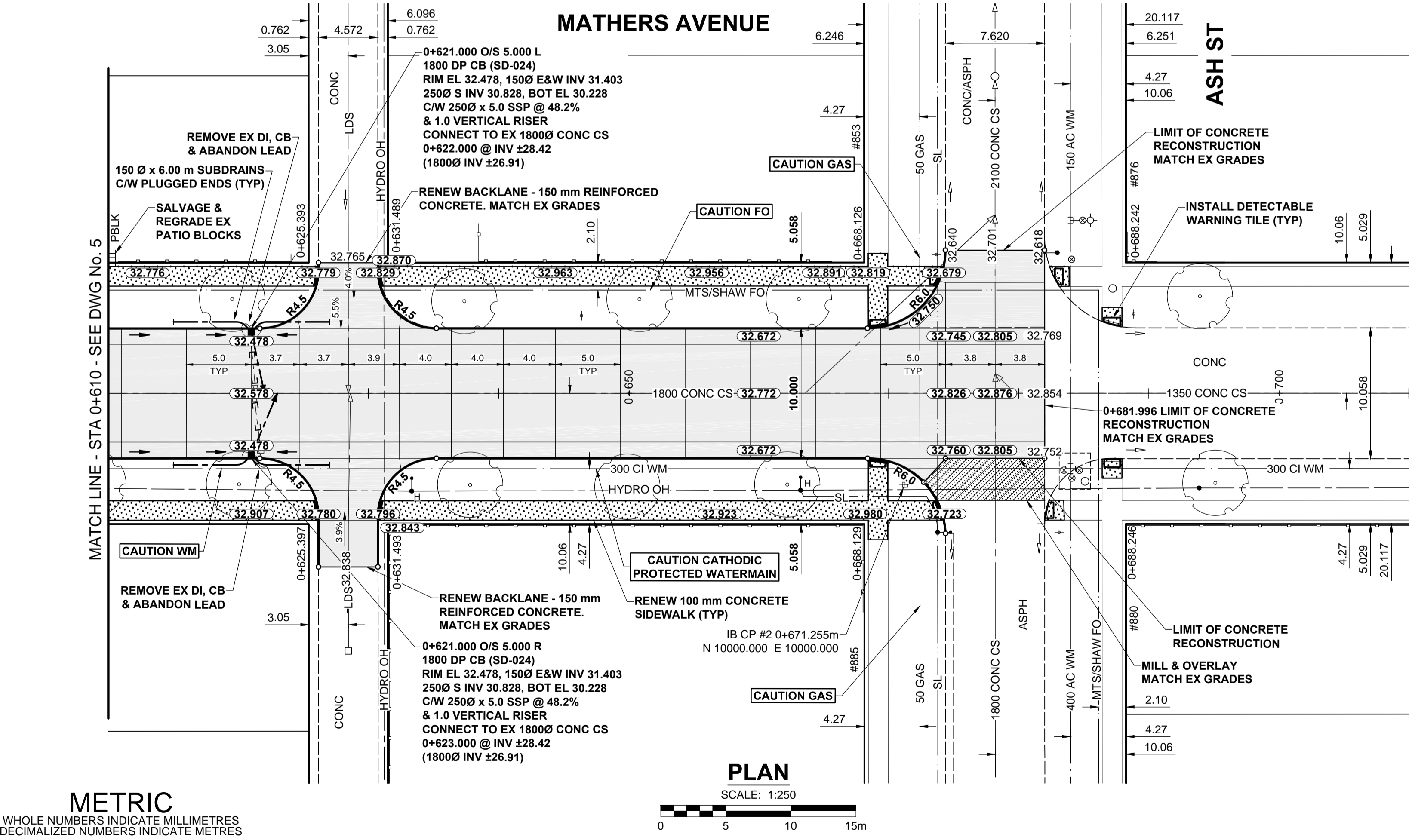


- NOTES**
- ADJUST MH AND CB RIMS TO NEW GRADES.
  - LAMP STANDARDS, HYDRO POLES, AND ANCHORS THAT REQUIRE TEMPORARY SUPPORT, REMOVAL OR REPLACEMENT, TO BE DONE SO AT THE EXPENSE OF THE CONTRACTOR AS NECESSARY.
  - CONTRACTOR TO REGRADE/RENEW EXISTING PRIVATE SIDEWALKS TO LIMITS AS SHOWN. SIDEWALKS TO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



**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

	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		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		ELEVATION		
	DITCH		TRAFFIC SIGN		
	EXISTING		LEGEND - PLAN		EXISTING
	NEW		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.
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
No.	REVISIONS YY/MM/DD BY

	<b>MORRISON HERSHFIELD</b>
DESIGNED BY	JGK
CHECKED BY	WRJ
DRAWN BY	DML
APPROVED BY	BWB
RELEASED FOR CONSTRUCTION	
DATE	16/03/09

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

CONSULTANT FILE NAME  
W160015-Mathers-PP-06.dwg

**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+610 TO ASH ST

CITY DRAWING NUMBER: N/A  
SHEET 6 OF 17  
DRAWING No. REV: 6 C

BID OPPORTUNITY No. 180-2016