

**REFERENCE NOTES**

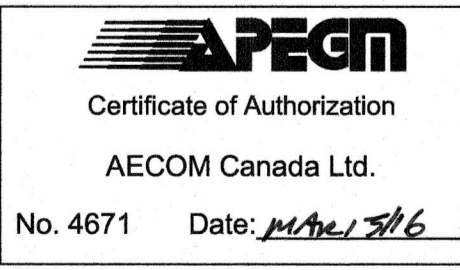
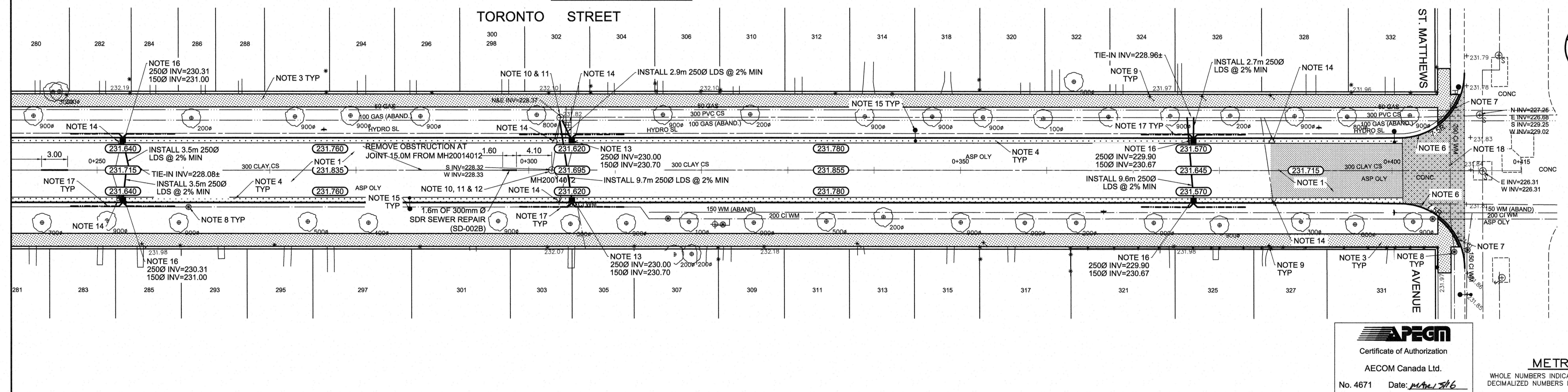
- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- B. BASELINE IS CENTRE LINE RIGHT-OF-WAY
- C. PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S. AND NO SCALE FACTOR WAS APPLIED
- D. REFER TO AECOM FIELD BOOK NO. 4909

**CONSTRUCTION NOTES**

1. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 100mm ASPHALTIC PAVEMENT TYPE 1A
2. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
3. RENEW EXISTING 100mm CONCRETE SIDEWALK
4. CONSTRUCT NEW BARRIER CURB AND GUTTER (180mm HT.)
5. CONSTRUCT NEW LIP CURB AND GUTTER (40mm HT. INTEGRAL)
6. CONSTRUCT NEW MODIFIED BARRIER CURB (180mm HT. INTEGRAL)
7. CONSTRUCT NEW RAMP CURB (10mm HT. INTEGRAL)
8. ADJUST EXISTING WATER VALVE TO GRADE
9. ADJUST EXISTING CURB STOP
10. ADJUST EXISTING MANHOLE/CATCH BASIN TO GRADE
11. REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND COVER
12. INSTALL NEW CAST IRON RISER RING
13. INSTALL NEW CURB AND GUTTER INLET c/w CATCH BASIN (SD-024) AND CONNECT NEW 250mm LEAD TO COMBINED SEWER MANHOLE
14. REMOVE EXISTING CATCHBASIN, CATCH PIT AND ABANDON LEAD
15. RELOCATE EXISTING LIGHT STANDARD
16. INSTALL NEW CURB AND GUTTER INLET c/w CATCHBASIN (SD-024) AND CONNECT TO EXISTING 300mm COMBINED SEWER
17. INSTALL 150mm SUBDRAIN 6.0M ON EACH SIDE OF CATCHBASIN
18. REMOVE EXISTING CONCRETE AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT c/w 50mm ASPHALTIC PAVEMENT TYPE 1A

**TYPICAL CROSS SECTION**

**TORONTO STREET**



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

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.
300mm L.D.S.	VALVE	300mm L.D.S.	250mm W.W.S.	MANHOLE	250mm W.W.S.	235.750	CATCH BASIN	235.750
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	235.750	CATCH PIT	235.750
300mm L.D.S.	VALVE	300mm L.D.S.	250mm W.W.S.	MANHOLE	250mm W.W.S.	235.750	JUNCTIONS	235.750
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	235.750	CULVERT	235.750
300mm L.D.S.	VALVE	300mm L.D.S.	250mm W.W.S.	MANHOLE	250mm W.W.S.	235.750	GAS	235.750
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	235.750	EXISTING	LEGEND - PLAN
300mm L.D.S.	VALVE	300mm L.D.S.	250mm W.W.S.	MANHOLE	250mm W.W.S.	235.750	PROPOSED	LEGEND - PLAN
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	235.750	EXISTING	LEGEND - PROFILE
300mm L.D.S.	VALVE	300mm L.D.S.	250mm W.W.S.	MANHOLE	250mm W.W.S.	235.750	PROPOSED	LEGEND - PROFILE

**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. 37 - 031 NE cor St Matthews Ave & Simcoe St. Tbt in S cor  
ELEV. 232.472

NO.	ISSUED FOR TENDER	03/16/16	BC
A	ISSUED FOR REVIEW	02/12/16	BC
NO.	REVISIONS	DATE	BY

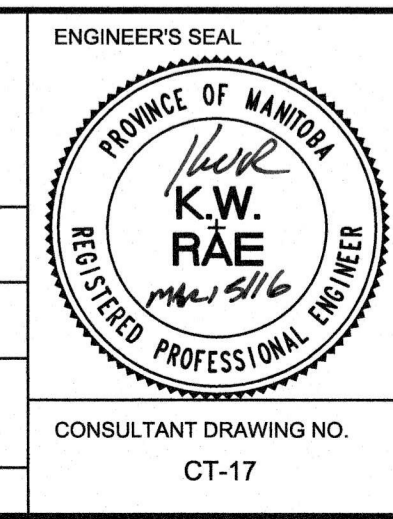
**AECOM**

DESIGNED BY: BC  
CHECKED BY: KWR

DRAWN BY: JC/SF/RMT  
APPROVED BY:

HOR. SCALE: 1:250  
VERTICAL: 1:10

RELEASED FOR CONSTRUCTION BY: [Signature]  
DATE: MAR 16/16



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

2016 LOCAL STREET RENEWAL PROGRAM

TORONTO AVENUE - PORTAGE AVE TO ST MATTHEWS AVE  
ASPHALT RECONSTRUCTION  
STATION 0+240 TO ST MATTHEWS AVENUE

CITY DRAWING NUMBER: SHEET 17 OF 19