

TYPICAL CROSS SECTION

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/ ASPHALT PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
3. REMOVE AND REINSTALL EXISTING PAVING STONES AND CONSTRUCT 150mm CONCRETE BARRIER CURB EDGING
4. RENEW EXISTING 100mm CONCRETE SIDEWALK
5. CONSTRUCT NEW BARRIER CURB AND GUTTER (180mm HT.)
6. CONSTRUCT NEW LIP CURB AND GUTTER (40mm HT. INTEGRAL)
7. INSTALL NEW CURB AND GUTTER INLET c/w CATCH BASIN (SD-024) AND CONNECT NEW 250mm LEAD TO EXISTING 375 CONC CS
8. INSTALL 150mm SUBDRAIN
9. REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND SOLID COVER
10. ADJUST EXISTING MANHOLE TO GRADE
11. INSTALL NEW CAST IRON RISER RING
12. ADJUST EXISTING WATER VALVE TO GRADE
13. ADJUST EXISTING CURB STOP
14. RELOCATE EXISTING LIGHT STANDARD



METRIC  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

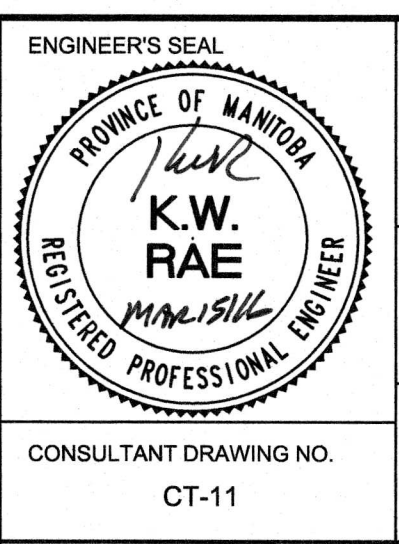
150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	CONCRETE	PROPERTY LINE	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	M.T.S.	ASPHALT	SURVEY BAR	300mm W.W.S.	WATERMAIN	HYDRANT	VALVE	CONCRETE	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	TREE	PROPERTY LINE	MANHOLE	300mm W.W.S.	HYDRANT	VALVE	CATCH BASIN	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION	TREE
			SIDEWALK RAMP	PROPERTY LINE	CATCH PIT	300mm W.W.S.	HYDRANT	VALVE	CATCH BASIN	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION	TREE
			CONCRETE SIDEWALK	PROPERTY LINE	JUNCTIONS	300mm W.W.S.	HYDRANT	VALVE	CATCH BASIN	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION	TREE
			FENCE	PROPERTY LINE	CULVERT	300mm W.W.S.	HYDRANT	VALVE	CATCH BASIN	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION	TREE
				PROPERTY LINE	GAS	300mm W.W.S.	HYDRANT	VALVE	CATCH BASIN	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION	TREE
				PROPERTY LINE		300mm W.W.S.	HYDRANT	VALVE	CATCH BASIN	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION	TREE

**LOCATION APPROVED UNDERGROUND STRUCTURES**

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. 39 - 057	83R611 NE cnr Portage & Strathmillan, Tblt on pipe. On North line Portage & 2m W of East Limit Strathmillan Rd along North line of Portage Ave	ELEV. 233.241	
DESIGNED BY	BC/SS	CHECKED BY	KWR
DRAWN BY	JT/JC/PB	APPROVED BY	
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10	DATE:	MAR 15/16
0	ISSUED FOR TENDER	03/16/2016	BC
A	ISSUED FOR REVIEW	02/12/2016	BC
NO.	REVISIONS	DATE	BY



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

2016 LOCAL STREET RENEWAL PROGRAM

ROWAND AVENUE - MOUNT ROYAL RD TOMOUNT ROYAL RD  
ASPHALT RECONSTRUCTION  
STATION 0+420 TO STATION 0+510

CITY DRAWING NUMBER  
SHEET 11 OF 19

CONSULTANT DRAWING NO. CT-11