



**'A' ACCESS PAD CROSS SECTION**  
NOT TO SCALE

**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. 4994

**CONSTRUCTION NOTES**

1. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT c/w NEW ASPHALTIC OVERLAY
2. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT
3. PLACE NEW ASPHALTIC PAVEMENT TYPE III (75mm) TYPE 1A (50mm)
4. PARTIAL DEPTH PLANING OF EXISTING JOINTS AND ASPHALT PATCHING OF EXISTING JOINTS USING TYPE 1A
5. INSTALL NEW CATCH BASIN (SD-025) AND CONNECT TO EXISTING MANHOLE
6. INSTALL NEW CURB AND GUTTER INLET c/w CATCH PIT (SD-023) AND CONNECT TO EXISTING CATCHBASIN
7. INSTALL 2-4.5m NEW 450 Ø CORRUGATED STEEL CULVERT HT. DOWELLED
8. RENEW EXISTING CONCRETE BARRIER CURB (150mm REVEAL HT. DOWELLED)
9. CONSTRUCT NEW CONCRETE MODIFIED BARRIER CURB (150mm REVEAL HT. INTEGRAL)
10. REMOVE EXISTING 450mm Ø CORRUGATED STEEL CULVERT
11. REMOVE EXISTING CATCHPIT AND ABANDON LEAD
12. ADJUST EXISTING MANHOLE TO GRADE
13. RENEW EXISTING CONCRETE BARRIER CURB (150mm REVEAL HT. DOWELLED)
14. REGRADE EXISTING DITCH

**AECOM**  
Certificate of Authorization  
AECOM Canada Ltd.  
No. 4671 Date: \_\_\_\_\_

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

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	— x —	Q PROFILE
Hydrant	HYDRANT	300mm L.D.S.	M.T.S.	— □ —	NORTH GUTTER
Valve	VALVE	250mm W.W.S.	CONCRETE	— ○ —	SOUTH GUTTER
Land Drainage Sewer	LAND DRAINAGE SEWER	250mm W.W.S.	ASPHALT	— ◇ —	N/W PROPERTY LINE
Wastewater Sewer	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE	— ○ —	S/E PROPERTY LINE
Manhole	MANHOLE	235.750	SURVEY BAR	— □ —	
Catch Basin	CATCH BASIN	235.750	ELEVATION	(235.750)	
Catch Pit	CATCH PIT	2500	TREE	— ○ —	
Junctions	JUNCTIONS		SIDEWALK RAMP	— ▽ —	
Culvert	CULVERT		CONCRETE SIDEWALK	— ▽ —	
Gas	GAS		FENCE	— ▽ —	
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED

**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. 39-052 N. side of Saskatchewan Ave. @ Moray St. 100m on top of 0.05m dia. x 2.4m iron pipe, 3.5m S. of chain ELEV. 238.647  
Link fence on N. side of Saskatchewan Ave. & on C.L. of Conc. Part of Moray St. produced from the S. N 552978.150 E 624908.230

0	ISSUED FOR TENDER	03/05/2018	BC
A	ISSUED FOR REVIEW	02/02/2018	BC
NO.	REVISIONS	DATE	BY

**AECOM**

DESIGNED BY	SS	CHECKED BY	BC/KWR
DRAWN BY	SS	APPROVED BY	
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10	DATE	

ENGINEER'S SEAL

PROVINCE OF MANITOBA

**K.W. RAE**

REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. CT-29

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

2018/2019 INDUSTRIAL STREET RENEWAL PROGRAM

SASKATCHEWAN AVENUE - STURGEON RD TO MORAY ST  
PAVEMENT REHABILITATION  
STATION 0+610 TO STATION 0+740

CITY DRAWING NUMBER  
SHEET 29 OF 47