



TYPICAL CROSS SECTION
NTS

ITEM	RIM ELEV.	Sta	INVERT					CONNECTION	LEAD	FLOW RESTRICTOR	
			EAST	WEST	NORTH	SOUTH	SOUTHEAST				SEWER
CB06	234.330	1+360	233.330	233.330	233.280			CB	9.3m		
CB07	234.330	1+360	233.330	233.330		232.880	232.680	229.525±	1200 CS	2.1m	100mmØ

- REFERENCE NOTES:**
- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
 - BASELINE IS CENTRE LINE ROADWAY
 - PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
 - REFER TO AECOM FIELD BOOK NO. 5111

- CONSTRUCTION NOTES:**
- REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 250mm PLAIN DOWELLED CONCRETE PAVEMENT
 - REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT
 - CONSTRUCT NEW ASPHALT MULTI-USE PATHWAY. REFER TO TYPICAL CROSS SECTION FOR DETAILS
 - REMOVE EXISTING ASPHALT PAVEMENT AND PLACE NEW ASPHALT PAVEMENT TYPE 1A
 - CONSTRUCT NEW MODIFIED BARRIER CURB (180mm HT., INTEGRAL)
 - CONSTRUCT NEW RAMP CURB (10-12mm HT., MONOLITHIC)
 - CONSTRUCT NEW MONOLITHIC CONCRETE BARRIERSIDE (180mm HT.)
 - CONSTRUCT NEW 100mm CONCRETE SIDEWALK
 - RENEW EXISTING 100mm CONCRETE SIDEWALK
 - RENEW EXISTING MONOLITHIC CONCRETE SPLASH STRIP (150mm REVEAL HT., DOWELLED)
 - REMOVE EXISTING 100mm CONCRETE SIDEWALK
 - REMOVE EXISTING CONCRETE BARRIER CURB
 - REMOVE EXISTING MODIFIED BARRIER CURB
 - INSTALL NEW CURB AND GUTTER INLET c/w 1800mm CATCH BASIN (SD-024) AND CONNECT 250mm PVC LDS TO EXISTING 1200mm COMBINED SEWER, INSTALL 100mm OUTLET FLOW RESTRICTOR (SD-025B)
 - INSTALL NEW CURB AND GUTTER INLET c/w 1200mm CATCH BASIN (SD-024) AND CONNECT 250mm PVC LDS TO NEW CATCH BASIN
 - INSTALL NEW 150mm SUBDRAIN 6.0m ON EACH SIDE OF CATCH BASIN
 - REMOVE EXISTING CATCH PIT AND ABANDON LEAD
 - REMOVE EXISTING CATCH BASIN AND ABANDON LEAD
 - ADJUST EXISTING WATER VALVE TO GRADE
 - INSTALL NEW DETECTABLE WARNING SURFACE TILE
 - REMOVE EXISTING LIGHT STANDARD
 - REMOVE EXISTING TRAFFIC SIGNAL POLE (BY OTHERS)
 - CONSTRUCT NEW MOUNTABLE CURB (120mm HT., INTEGRAL) AND PLACE ASPHALT MILLINGS IN BOULEVARD

PRELIMINARY
NOT FOR CONSTRUCTION
Date: 05/06/22

**ENGINEERS
SCIENTISTS
MANITOBA**
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 05/06/22

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150mm W.M.	WATERMAIN	150mm W.M.	HYDRO	M.T.S.	— X — X	— X — X	PROFILE	— X — X
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	CONCRETE	CONCRETE	—	—	SOUTH GUTTER	—
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	ASPHALT	ASPHALT	—	—	NORTH GUTTER	—
	MANHOLE		PROPERTY LINE	PROPERTY LINE	—	—	S PROPERTY LINE	—
	CATCH BASIN		SURVEY BAR	SURVEY BAR	—	—	N PROPERTY LINE	—
	CATCH PIT		ELEVATION	ELEVATION (235.750)	—	—		
	JUNCTIONS		TREE	TREE	—	—		
	CULVERT		SIDEWALK RAMP	SIDEWALK RAMP	—	—		
	GAS		CONCRETE SIDEWALK	CONCRETE SIDEWALK	—	—		
			FENCE	FENCE	—	—		

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. ELEV.	NO.	REVISIONS	DATE	BY
	0	ISSUED FOR TENDER	05/06/22	BC
	A	ISSUED FOR REVIEW	04/28/22	BC

AECOM		ENGINEER'S SEAL	
DESIGNED BY	BC	CHECKED BY	BC
DRAWN BY	SS	APPROVED BY	RC
HOR. SCALE:	1:250	ORIGINAL SIGNED BY:	
VERTICAL:	1:10		
DATE	04/28/2022	DATE	-

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2022 INDUSTRIAL STREET
RENEWAL PROGRAM

SASKATCHEWAN AVENUE - SHERWIN ROAD TO ST. JAMES STREET
CONCRETE PAVEMENT RECONSTRUCTION
STATION 1+340 TO STATION 1+450

CITY DRAWING NUMBER
SHEET 07 OF 11

CONSULTANT DRAWING NO. CT-07