50mm ASPHALT (TYPE IA)
75mm ASPHALT (TYPE III)
100 GRANULAR A LIMESTONE BASE COURSE
350 GRANULAR B RECYCLED CONCRETE (MAX. SIZE 50mm)
GEOGRID (CLASS A)
SEPARATION/FILTRATION FABRIC ON PREPARED SUBGRADE

TYPICAL PEMBINA BACKLANE CROSS SECTION

Scale NTS

TESTHOLE 1

TESTHOLE 2

REFERENCE NOTES:

A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
B. BASELINE IS CENTRE LINE ROADWAY
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. 5132

CONSTRUCTION NOTES:

1. CONSTRUCT NEW ASPHALT PAVEMENT AS PER TYPICAL SECTION
2. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
3. REMOVE EXISTING ASPHALT PAVEMENT AND PLACE 65mm TYPE 1A ASPHALT PAVEMENT
4. REGRADE AND COMPACT EXISTING GRANULAR MATERIAL. PLACE NEW GRANULAR BASE COURSE AS REQUIRED
5. INSTALL NEW STANDARD FRAME AND GRATED COVER c/w 1800mm CATCH BASIN AND CONNECT TO EXISTING 375 CONCRETE LDS
6. INSTALL 150mm SUBDRAIN 6.0m ON EACH SIDE OF CATCH BASIN
7. CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
8. CONSTRUCT NEW CONCRETE BARRIER CURB (150mm REVEAL HT. DOWELLED)
9. CONSTRUCT NEW CONCRETE MOUNTABLE CURB (120mm HT. DOWELLED)
10. RENEW EXISTING CONCRETE MOUNTABLE CURB (120mm HT. INTEGRAL)

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 04/11/2023

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	WATERMAIN	150 mm W.M.		HYDRO			℄ PROFILE	
	HYDRANT			M.T.S.			EAST GUTTER	
	VALVE			CONCRETE			WEST GUTTER	
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.		ASPHALT			E PROPERTY LINE	
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.		PROPERTY LINE			W PROPERTY LINE	
	MANHOLE			SURVEY BAR				
	CATCH BASIN		235.750	ELEVATION	235.750			
	CATCH PIT		500ø	TREE				
	JUNCTIONS			SIDEWALK RAMP				
	CULVERT			CONCRETE SIDEWALK				
	GAS			FENCE				
EXISTING	LEGEND - PLAN	PROPOSED	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. ELEV. ZONE: 53 #31 - N.W. Cor. Baltimore Rd. & Hay St., Brass plug in 14.8 m Conc. pile, 2.4 m E. of W.L. Hay St., 2.4 m S. of N.L. Baltimore Rd. EL: 232.097

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	04/11/23	BC
A	ISSUED FOR REVIEW	03/20/23	BC

AECOM

DESIGNED BY	JT	CHECKED BY	BC
DRAWN BY	JT	APPROVED BY	TF
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10		
DATE	02/10/2023	DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
T. J. FINDLAY
Member
23820
2023-04-05
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
CT-27

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2023 LOCAL STREET
RENEWAL PROGRAM

CITY DRAWING NUMBER
SHEET 27 OF 38

PEMBINA HIGHWAY/DOWKER AVENUE/CRANE AVENUE/FLETCHER CRESCENT BACK LANE
AC LANE RECONSTRUCTION/CONCRETE REPAIRS ON PCC
FLETCHER CRESCENT TO STATION 0+210