



- REFERENCE NOTES**
- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
 - BASELINE IS CENTRE LINE RIGHT-OF-WAY
 - PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
 - REFER TO AECOM FIELDBOOK NO. 4974

- CONSTRUCTION NOTES**
- PLANE EXISTING ASPHALT AND CONSTRUCT NEW ASPHALTIC PAVEMENT TYPE 1A (AVG THICKNESS 85mm)
 - REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT c/w ASPHALT OVERLAY
 - REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
 - CONSTRUCT NEW BARRIER CURB (150mm REVEAL HT. SEPERATE)
 - CONSTRUCT NEW CURB RAMP (10mm REVEAL HT. INTEGRAL)
 - CONSTRUCT NEW CURB RAMP (10mm REVEAL HT. MONOLITHIC)
 - CONSTRUCT NEW MODIFIED BARRIER CURB (150mm REVEAL HT. INTEGRAL)
 - RENEW EXISTING CONCRETE BARRIER CURB (150mm REVEAL HT. DOWELLED)
 - RENEW EXISTING CONCRETE MODIFIED BARRIER CURB (150mm REVEAL HT. DOWELLED)
 - INSTALL NEW CURB AND GUTTER INLET c/w CATCHPIT (SD-023) AND CONNECT TO EXISTING CATCHBASIN.
 - INSTALL NEW CURB AND GUTTER INLET c/w CATCHBASIN (SD-024) AND CONNECT TO EXISTING LEAD.
 - REMOVE EXISTING CATCHBASIN
 - REMOVE EXISTING DRAINAGE INLET
 - ADJUST EXISTING MANHOLE/CATCH BASIN TO GRADE
 - REMOVE EXISTING FRAME AND COVER AND INSTALL NEW FRAME AND SOLID COVER (AP-006 AND AP-007)
 - INSTALL NEW CAST IRON RISER RING
 - RENEW EXISTING 100mm CONCRETE SIDEWALK
 - CONSTRUCT NEW 100 mm CONCRETE SIDEWALK
 - INSTALL NEW DETECTABLE WARNING SURFACE TILES
 - REMOVAL OF CONCRETE SIDEWALK
 - ADJUST EXISTING WATER VALVE TO GRADE

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	PROFILE
Hydrant	HYDRANT	150mm L.D.S.	M.T.S.	WEST-GUTTER	WEST-GUTTER
Valve	VALVE	300mm L.D.S.	CONCRETE	EAST-GUTTER	EAST-GUTTER
Land Drainage Sewer	LAND DRAINAGE SEWER	250mm W.W.S.	ASPHALT	N/W PROPERTY LINE	N/W PROPERTY LINE
Wastewater Sewer	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE	S/E PROPERTY LINE	S/E PROPERTY LINE
Manhole	MANHOLE	235.750	SURVEY BAR		
Catch Basin	CATCH BASIN	500ø	ELEVATION	(235.750)	
Catch Pit	CATCH PIT		TREE		
Junctions	JUNCTIONS		SIDEWALK RAMP		
Culvert	CULVERT		CONCRETE SIDEWALK		
Gas	GAS		FENCE		
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED
EXISTING	LEGEND - PROFILE	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. 32 - 055 84R761 - N, side Farmor Ave. & Speers Rd., Tbt, on top of 0.05 m dia. x 2.4 m iron pipe, 9.1 m S. of ELEV. 232.140

N.L. of Farmor Ave. & 5.2 m W. of E.L. of Speers Rd.

DESIGNED BY	BC	CHECKED BY	TDW
DRAWN BY	PB	APPROVED BY	
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10	DATE	

AECOM

ENGINEER'S SEAL
 PROVINCE OF MANITOBA
K.W. RAE
 REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. CT-21

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

2017 LOCAL STREET RENEWAL PROGRAM

DRAKE BLVD - AUTUMNWOOD TO ELIZABETH
 PAVEMENT REHABILITATION
 STATION 0+490 TO ELIZABETH ROAD

CITY DRAWING NUMBER SHEET 21 OF 27