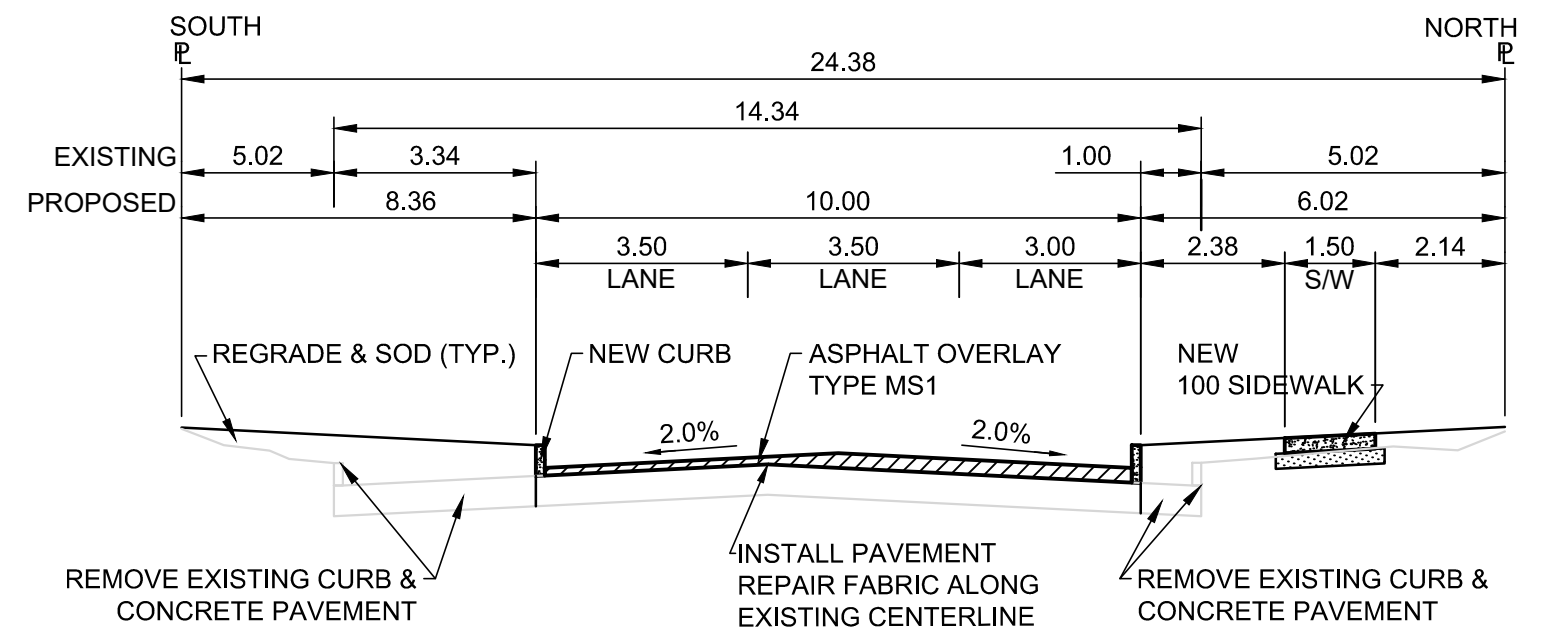
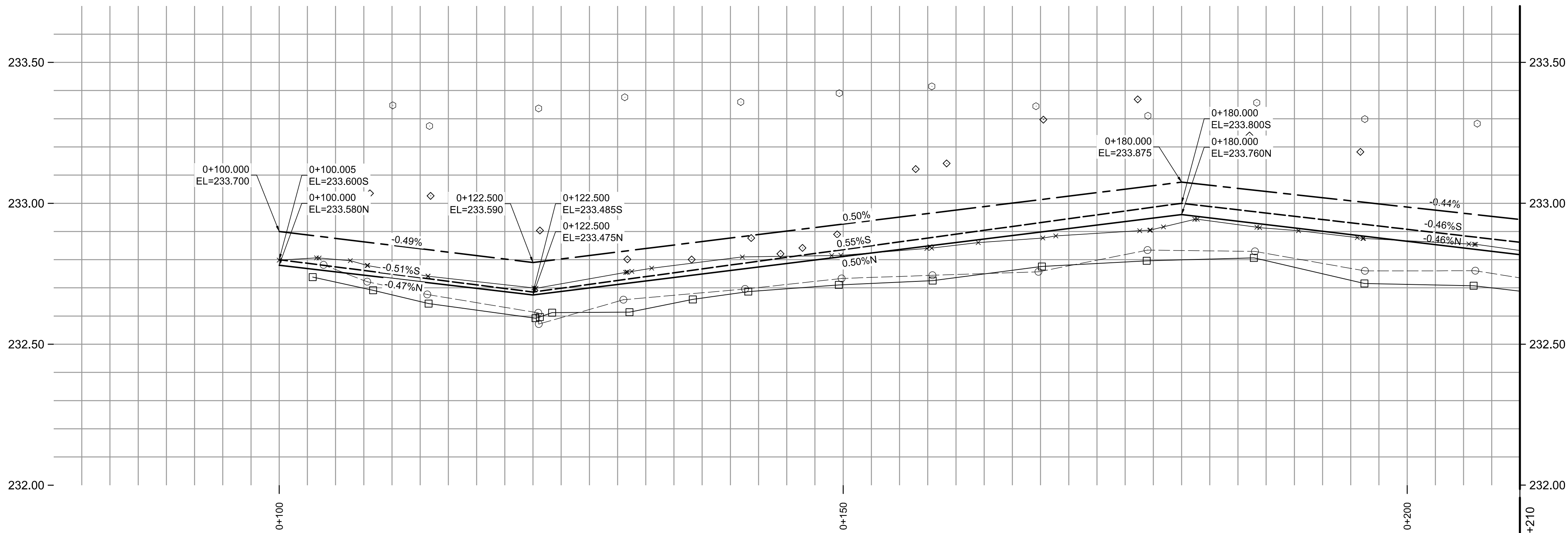
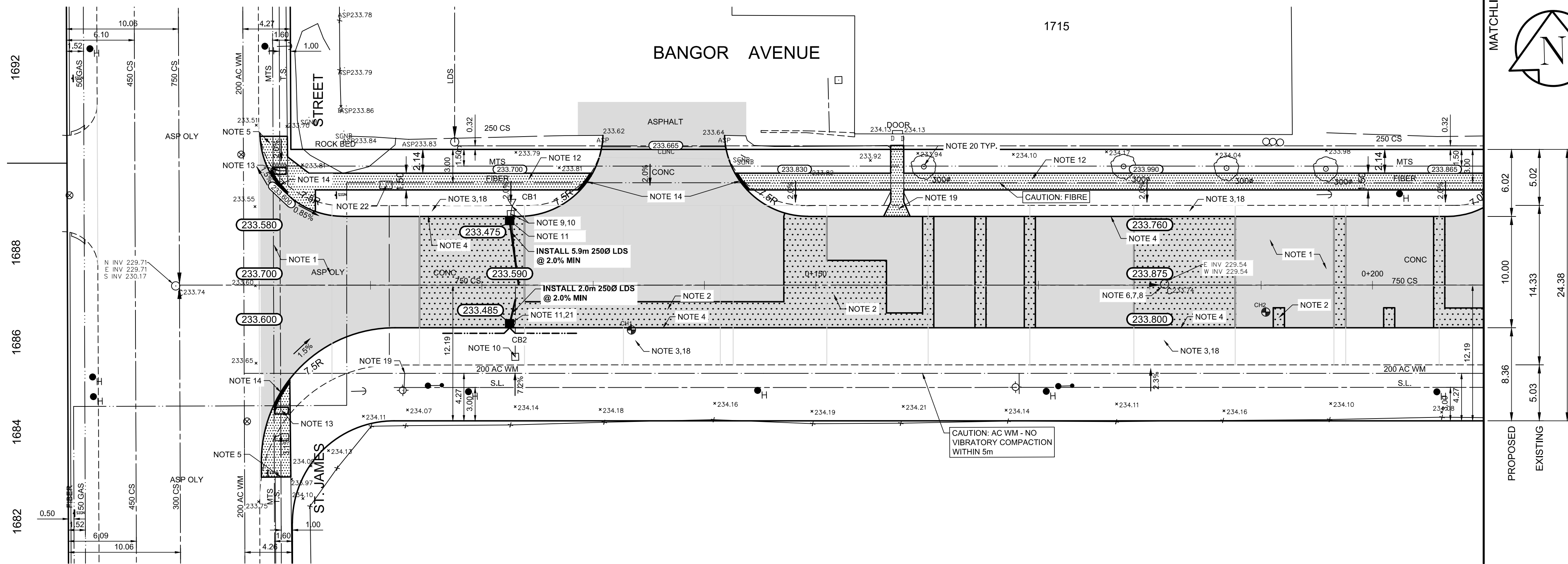




TYPICAL CROSS SECTION
Scale N.T.S.

CATCH BASIN TABLE								
ITEM	RIM ELEV.	Sta	INVERT				CONNECTION	LEAD
			EAST	WEST	NORTH	SOUTH		
CB01	233.475	0+122.5				231.675	229.650	750 CS
CB02	233.485	0+122.5					229.650	SEWER LEAD



REFERENCE NOTES:

- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
- REFER TO AECOM FIELD BOOK NO. #5188

CONSTRUCTION NOTES:

- PLACE NEW ASPHALT PAVEMENT OVERLAY TYPE MS1 (85mm AVERAGE THICKNESS)
- REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT c/w ASPHALT PAVEMENT OVERLAY TYPE MS1 (85mm AVERAGE)
- REMOVE EXISTING PAVEMENT
- CONSTRUCT NEW CONCRETE BARRIER CURB (150mm HT. SEPARATE)
- RENEW EXISTING 100mm CONCRETE SIDEWALK
- ADJUST EXISTING MANHOLE / CATCH BASIN TO GRADE
- INSTALL NEW CAST IRON RISER RING
- REMOVE EXISTING FRAME AND COVER AND PLACE NEW STANDARD FRAME AND SOLID COVER (AP-006 / AP-007)
- REMOVE EXISTING CATCHPIT
- REMOVE EXISTING CATCHBASIN
- INSTALL NEW CATCHBASIN (SD-024) c/w BARRIER CURB AND ARCHED CUTTER FRAME, BOX AND INLET COVER AND CONNECT NEW 250mm LEAD TO EXISTING 250mm LEAD / 750mm COMBINED SEWER
- INSTALL NEW 100mm SIDEWALK INCLUDING SIDEWALK EXPANSION JOINTS
- INSTALL DETECTABLE SURFACE WARNING TILES
- CONSTRUCTION OF NEW MONOLITHIC CURB RAMP (10mm HT. INTEGRAL)
- ADJUST EXISTING PAVING STONES / PATIO BLOCKS TO GRADE
- RENEW EXISTING 100mm PRIVATE CONCRETE SIDEWALK
- ADJUST EXISTING CURB STOP TO GRADE
- INSTALL IMPORT FILL TO NEW BOULEVARD GRADE AND NEW SOD
- ADJUST EXISTING WATERMAIN VALVE BOX TO GRADE
- PROTECT ALL EXISTING TREES DURING CONSTRUCTION
- INSTALL SUBDRAINS
- ADJUST EXISTING UTILITY SERVICE BOX TO GRADE

PRELIMINARY
NOT FOR CONSTRUCTION

ENGINEERS
GEOSCIENTISTS
MANITOBA

Certificate of Authorization
AECOM Canada ULC.

No. 4671 Date: _____

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

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

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES
COMMITTEE

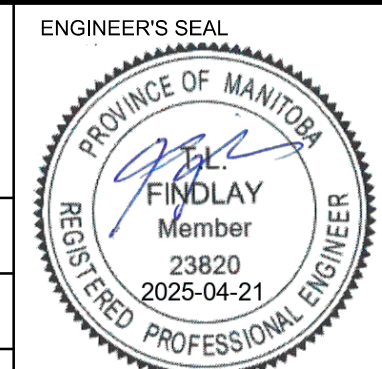
NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. Zone: 36, # 30 - E. Side, Notre Dame Ave. & Bangor Ave., Tbl. in W. Concr. Foundation of Apartment Block "A" of Milton Court, No. 1585 Notre Dame Ave., 6.5m S. & 0.1m below brick of N.W. Corn. of Bldg.

ELEVATION: 233.255			
0	ISSUED FOR TENDER	2025/04/22	TLF
A	ISSUED FOR REVIEW	2025/04/09	TLF
NO.	REVISIONS	DATE	BY

AECOM

DESIGNED BY	SDF	CHECKED BY	SS
DRAWN BY	SDF	APPROVED BY	TLF
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10	DATE	02/12/2024



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2025 INDUSTRIAL STREET RENEWAL PROGRAM BANGOR AVENUE		CITY DRAWING NUMBER
ASPHALT PAVEMENT REHABILITATION ST. JAMES STREET TO STATION 0+205 PLAN/PROFILE		SHEET 03 OF 17