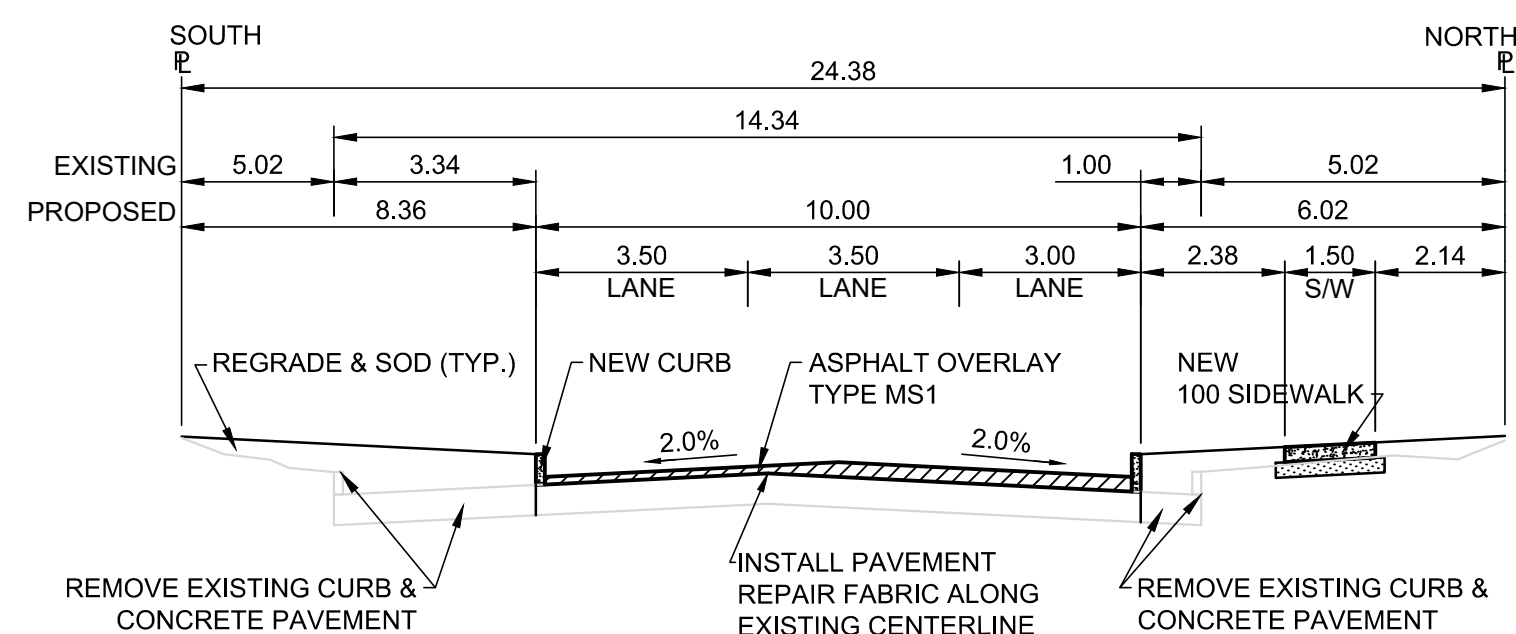
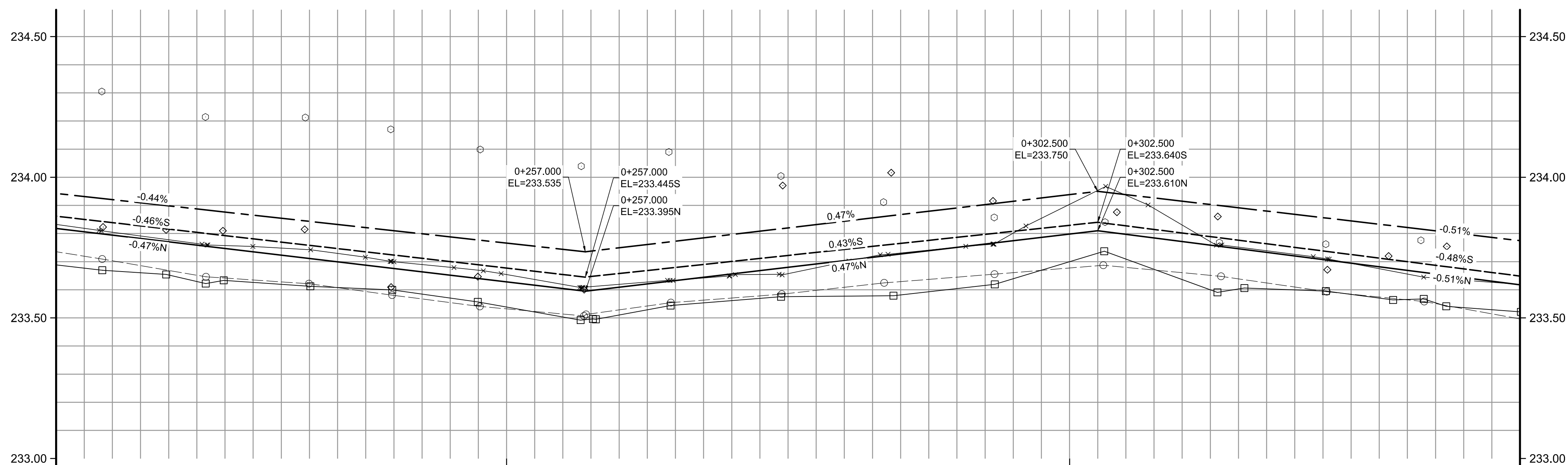
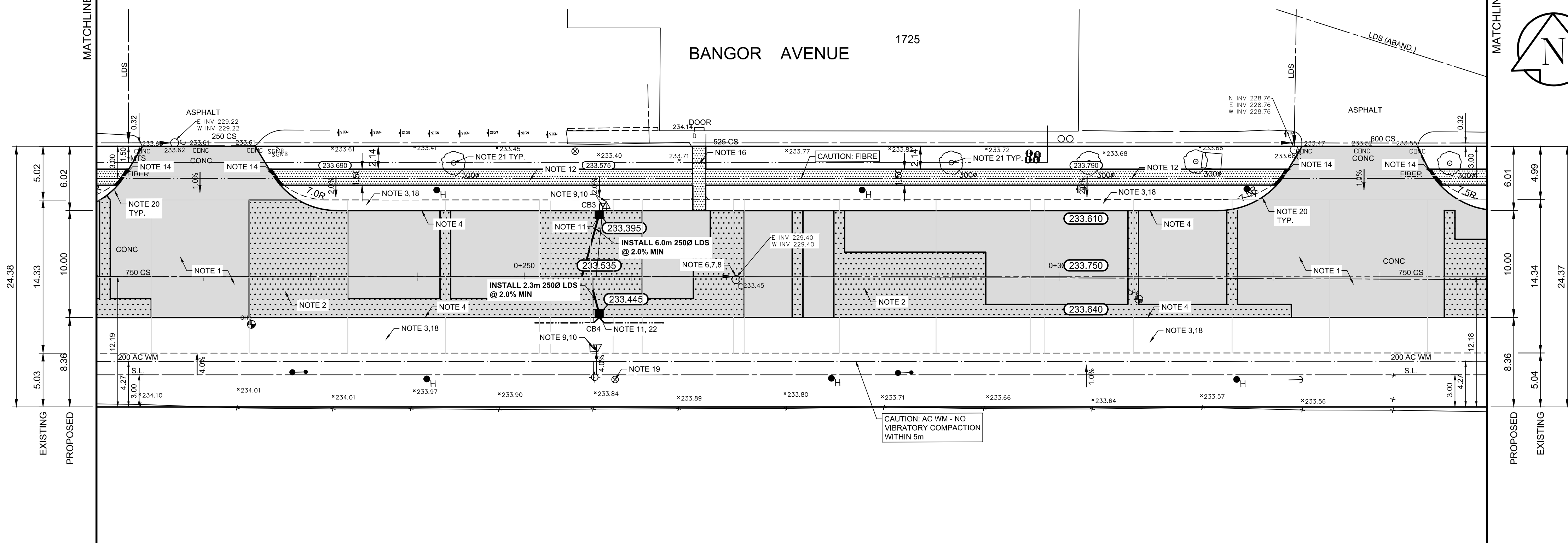




TYPICAL CROSS SECTION
Scale N.T.S.

CATCH BASIN TABLE								
ITEM	RIM ELEV.	Sta	INVERT					LEAD
			EAST	WEST	NORTH	SOUTH	SEWER	
CB03	233.395	0+257				231.595	229.420	750 CS
CB04	233.445	0+257					229.420	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 150mm REINFORCED CONCRETE PAVEMENT c/w ASPHALT PAVEMENT OVERLAY MS1 (85mm AVERAGE)
- REMOVE EXISTING PAVEMENT
- CONSTRUCT NEW CONCRETE BARRIER CURB (150mm HT. SEPARATE)
- RENEW EXISTING CONCRETE BARRIER CURB (100mm HT. DOWELED)
- 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 GUTTER FRAME BOX AND INLET CURB 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
- CONSTRUCT NEW MODIFIED BARRIER CURB (150mm HT. DOWELED)
- PROTECT ALL EXISTING TREES DURING CONSTRUCTION
- INSTALL SUBDRAINS

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

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

AECOM

ENGINEER'S SEAL
PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
FINDLAY
Member
23820
2025-04-21

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2025 INDUSTRIAL STREET RENEWAL PROGRAM
BANGOR AVENUE

CITY DRAWING NUMBER
SHEET 04 OF 17

ASPHALT PAVEMENT REHABILITATION
STATION 0+205 TO STATION 0+335
PLAN/PROFILE