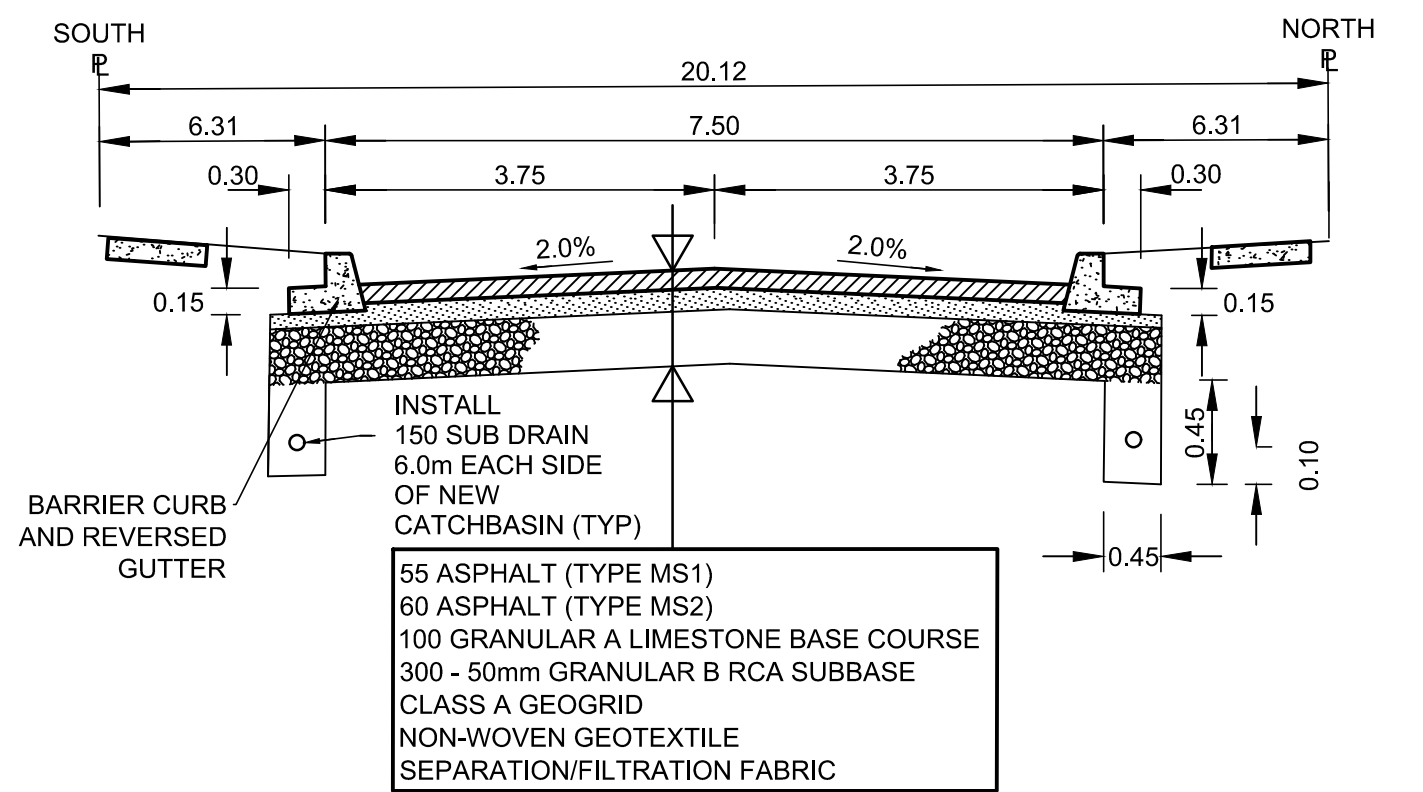
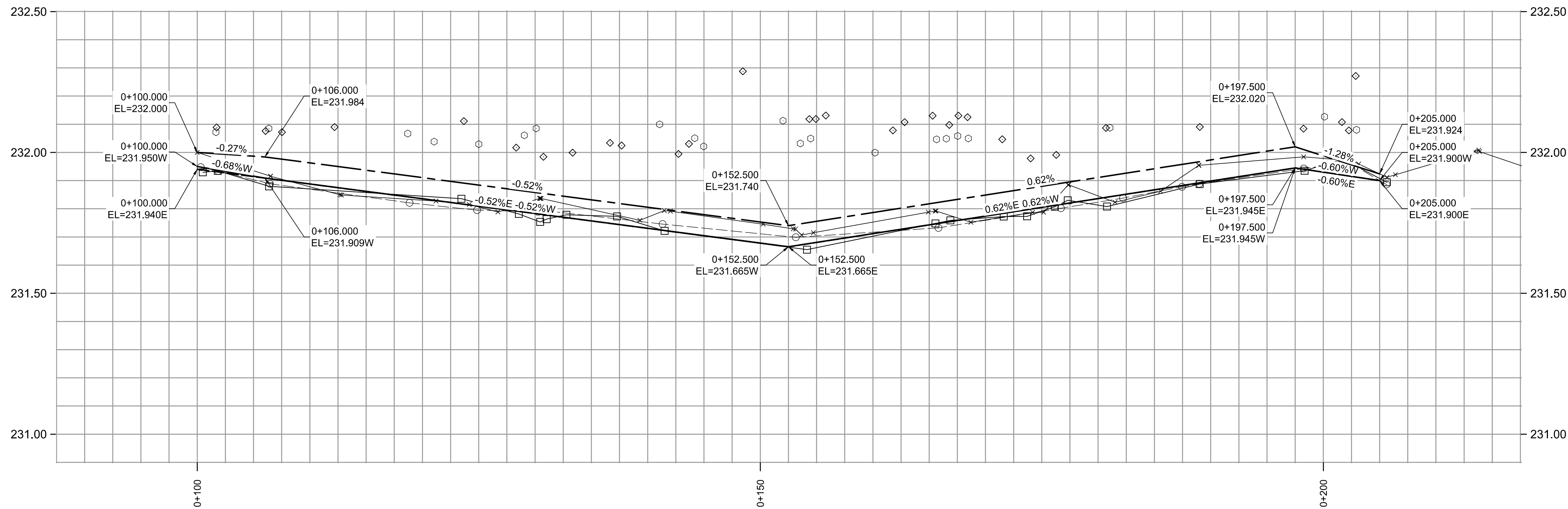
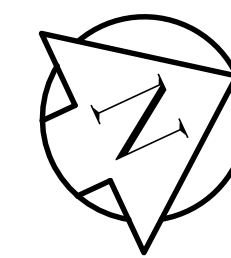
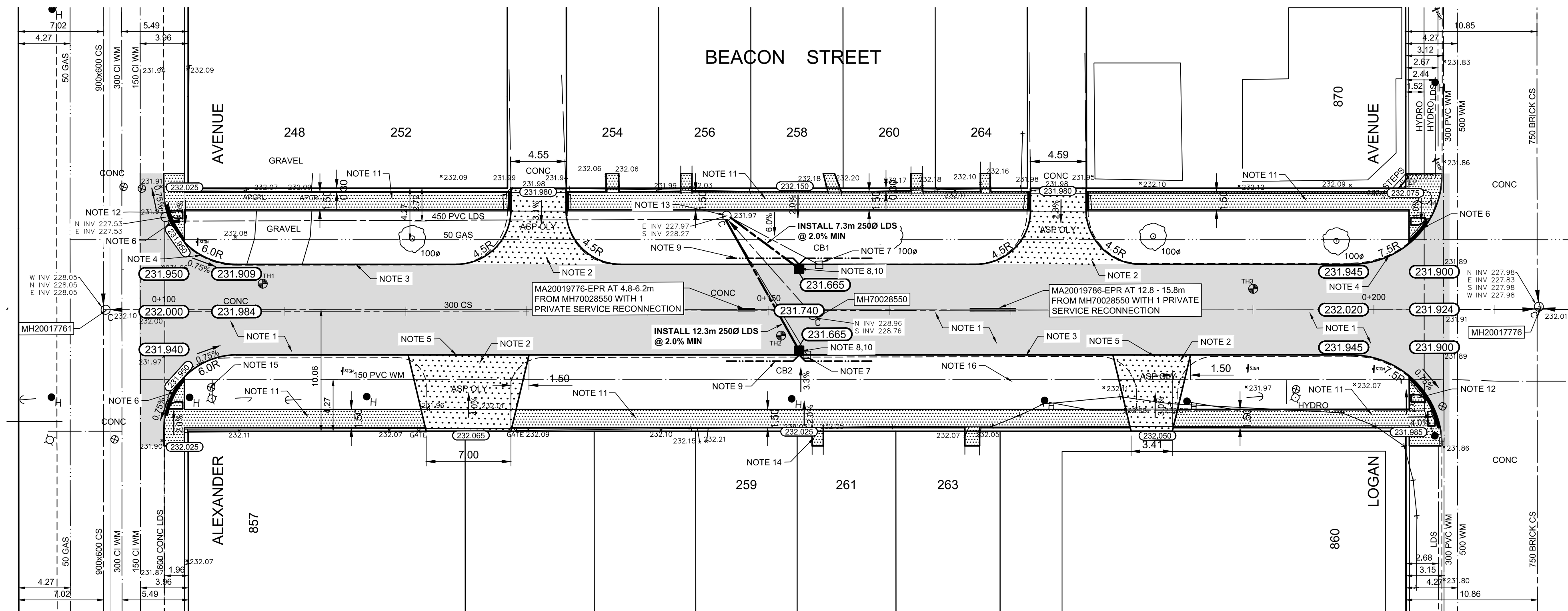




TYPICAL CROSS SECTION
Scale N.T.S.

CATCH BASIN TABLE							
ITEM	RIM ELEV.	Sta	INVERT				
			EAST	WEST	NORTH	SOUTH	SEWER
CB01	231.665	0+152.5				229.865	227.970
CB02	231.665	0+152.5		229.865			227.970



REFERENCE NOTES:

- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- B. PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
- C. REFER TO AECOM FIELD BOOK NO. 5189

CONSTRUCTION NOTES:

1. REMOVE EXISTING PAVEMENT AND PLACE NEW ASPHALT PAVEMENT OVERLAY (50mm TYPE MS1 & 75mm TYPE MS2)
2. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
3. CONSTRUCT NEW CONCRETE BARRIER CURB AND REVERSED GUTTER FOR ASPHALT PAVEMENT (180mm HT.) AS PER SD-200AA
4. INSTALL NEW CONCRETE MODIFIED BARRIER CURB WITH REVERSED GUTTER FOR ASPHALT PAVEMENT (180mm HT.) AS PER SD-200AA
5. CONSTRUCT NEW CONCRETE LIP CURB (40mm HT. INTEGRAL)
6. CONSTRUCT NEW CURB RAMP (10-12mm HT. INTEGRAL)
7. REMOVE EXISTING CATCH BASIN / CATCH PIT / CURB INLET AND ABANDON LEAD
8. INSTALL NEW BARRIER CURB AND ARCHED GUTTER INLET c/w 1200mm CATCH BASIN (SD-024) AND CONNECT NEW 250mm LEAD TO EXISTING MAN HOLE
9. INSTALL NEW 150mm SUB DRAIN 6.0m ON EACH SIDE OF NEW CATCH BASIN
10. INSTALL 2.7m X 1.5m SECTION OF PAVEMENT REPAIR FABRIC AT NEW CATCH BASIN
11. RENEW EXISTING 100mm CONCRETE SIDEWALK INCLUDING SIDEWALK EXPANSION JOINTS
12. INSTALL NEW DETECTABLE WARNING SURFACE TILE
13. ADJUST MANHOLE / CATCH BASIN / CATCH PIT TO GRADE
14. ADJUST EXISTING PAVING STONES / PATIO BLOCKS TO GRADE
15. ADJUST EXISTING WATER VALVE TO GRADE
16. CONTRACTOR TO LOCATE AND INSULATE LONG SIDE SERVICES AS PER SD-018

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

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	M.T.S.	HYDRO	—X—X—	C PROFILE	—X—X—
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	CONCRETE	CONCRETE	CONCRETE	—□—□—	N/W GUTTER	—□—□—
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	ASPHALT	ASPHALT	ASPHALT	—○—○—	S/E GUTTER	—○—○—
MANHOLE	MANHOLE	MANHOLE	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	—◇—◇—	N/W PROPERTY LINE	—◇—◇—
CATCH BASIN	CATCH BASIN	CATCH BASIN	SURVEY BAR	SURVEY BAR	SURVEY BAR	—○—○—	S/E PROPERTY LINE	—○—○—
CATCH PIT	CATCH PIT	CATCH PIT	ELEVATION	ELEVATION	ELEVATION	—○—○—		
TRAFFIC SIGNAL POLE	TRAFFIC SIGNAL POLE	TRAFFIC SIGNAL POLE	TREE	TREE	TREE	—○—○—		
STREET LIGHT	STREET LIGHT	STREET LIGHT	SIDEWALK RAMP	SIDEWALK RAMP	SIDEWALK RAMP	—○—○—		
GAS	GAS	GAS	CONCRETE SIDEWALK	CONCRETE SIDEWALK	CONCRETE SIDEWALK	—○—○—		
			FENCE	FENCE	FENCE	—○—○—		

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 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: 36, 18 - S.W. Corn. Logan Ave. & Lulu Str. Tbl. in N. Corner. Foundation No. 740 Logan Ave., 29.0m W. & 0.8m below brick of Bldg.

ELEVATION: 232.305

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

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	DATE	

ENGINEER'S SEAL



CONSULTANT DRAWING NO.
CT-09

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2025 INDUSTRIAL STREET RENEWAL PROGRAM BEACON STREET	CITY DRAWING NUMBER
ASPHALT PAVEMENT RECONSTRUCTION ALEXANDER AVENUE TO LOGAN AVENUE PLAN/PROFILE	SHEET 09 OF 17