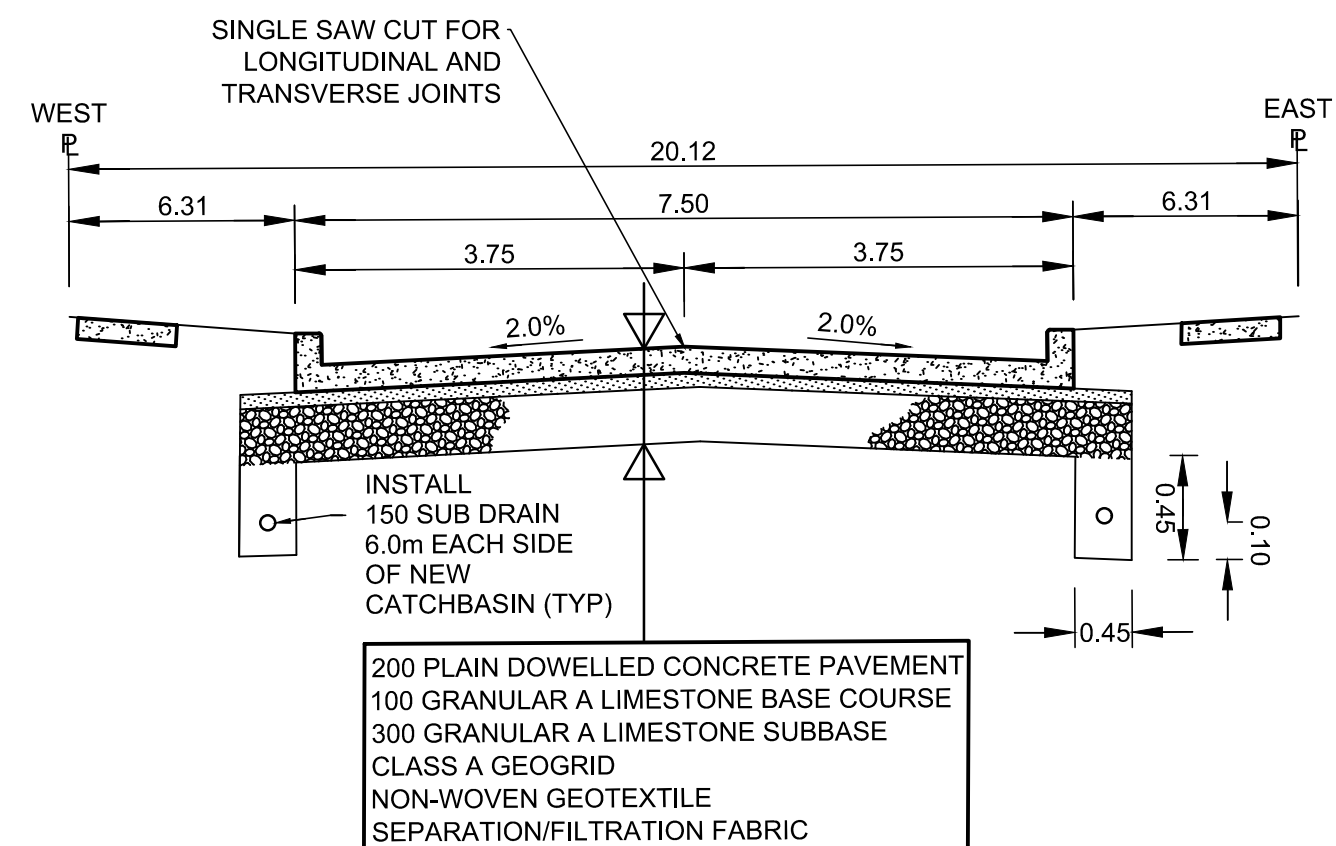
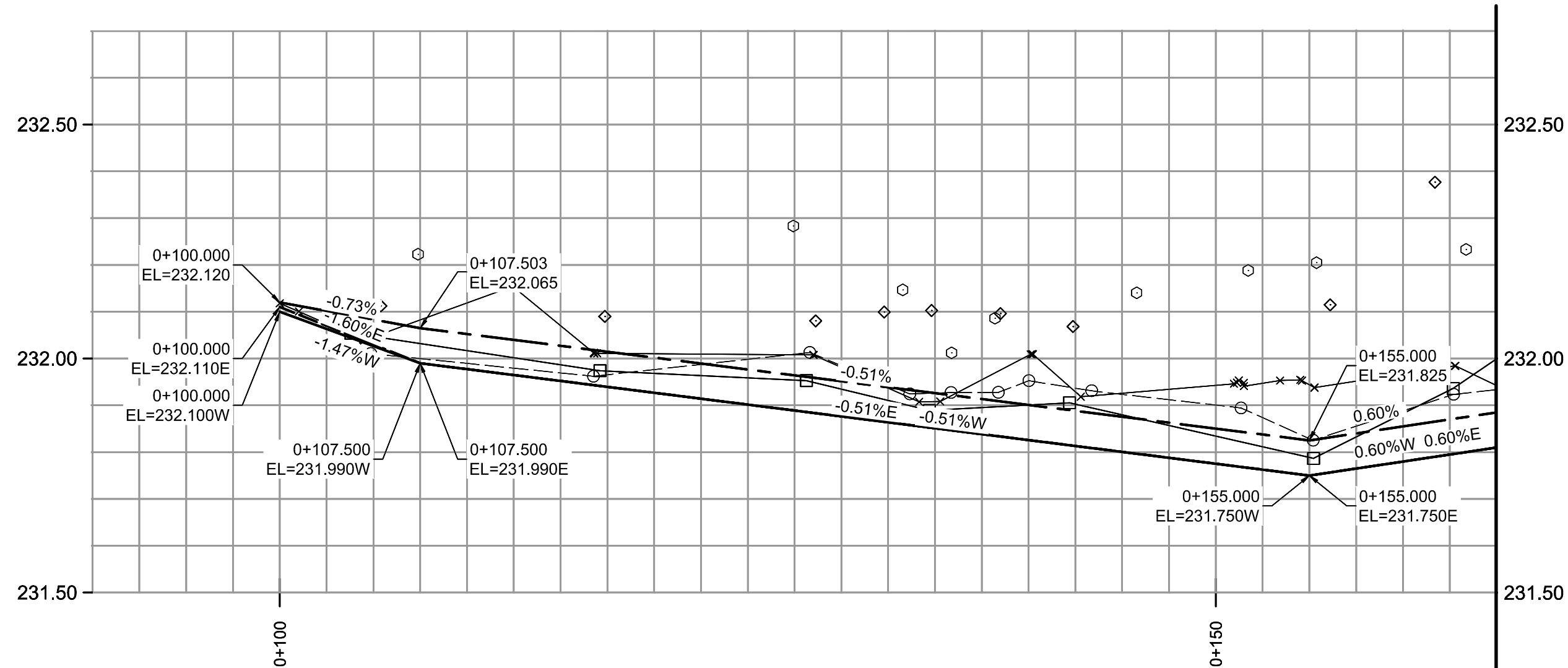




TYPICAL CROSS SECTION
Scale N.T.S.

ITEM	RIM ELEV.	Sta	INVERT					CONNECTION	LEAD
			EAST	WEST	NORTH	SOUTH	SEWER		
CB01	231.750	0+155	229.950				228.960	MANHOLE	3.3m
CB02	231.750	0+155		229.950			228.960	MANHOLE	3.5m

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 CONSTRUCT NEW 200mm CONCRETE PAVEMENT
2. MILL EXISTING ASPHALT PAVEMENT AND PLACE NEW ASPHALT PAVEMENT OVERLAY MS1 (85mm AVERAGE THICKNESS)
3. REMOVE EXISTING CONCRETE SIDEWALK AND CONSTRUCT 100mm SIDEWALK
4. REMOVE EXISTING CONCRETE BARRIER AND CONSTRUCT NEW BARRIER CURB (180mm HT. SEPARATE)
5. CONSTRUCT NEW CONCRETE BARRIER CURB (150mm HT. SEPARATE)
6. RENEW EXISTING CONCRETE BARRIER CURB (100mm HT. DOWELED)
7. CONSTRUCT NEW MONOLITHIC CURB RAMP (10mm HT. INTEGRAL)
8. CONSTRUCT NEW MODIFIED BARRIER CURB (180mm HT. INTEGRAL) AS PER SD-203B AT ALL STREET/LANE INTERSECTION RADII
9. INSTALL NEW DETECTABLE SURFACE WARNING TILES
10. INSTALL NEW 100mm CONCRETE SIDEWALK INCLUDING SIDEWALK EXPANSION JOINTS
11. ADJUST EXISTING MANHOLE / CATCH BASIN TO GRADE
12. ADJUST EXISTING WATERMAIN VALVE BOX TO GRADE
13. REMOVE EXISTING CATCHBASIN
14. INSTALL NEW CATCHBASIN (SD-024) c/w BARRIER CURB AND ARCHED GUTTER FRAME, BOX AND INLET COVER AND CONNECT NEW 250 LEAD TO EXISTING MH
15. INSTALL NEW SUB DRAIN, 6m ON EACH SIDE OF CATCH BASIN
16. REMOVE EXISTING FRAME AND COVER AND INSTALL NEW CURB AND GUTTER FRAME AND COVER
17. INSTALL NEW CAST IRON RISER RING
18. REMOVE EXISTING FRAME AND COVER AND PLACE NEW STANDARD FRAME AND SOLID COVER (AP-006 / AP-007)
19. ADJUST EXISTING PAVING STONES / PATIO BLOCKS TO GRADE
20. RENEW EXISTING 100mm PRIVATE CONCRETE SIDEWALK
21. ADJUST EXISTING CURB STOP TO GRADE
22. PROTECT EXISTING TREES DURING CONSTRUCTION
23. CONTRACTOR TO LOCATE AND INSULATE WATERMAIN LONG SIDE SERVICES PER SD-018
24. WATERMAIN RENEWAL (BY OTHERS)

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

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
PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
FINDLAY
Member
23820
2025-04-21
CONSULTANT DRAWING NO.
CT-10

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2025 INDUSTRIAL STREET RENEWAL PROGRAM OWENA STREET	CITY DRAWING NUMBER
CONCRETE PAVEMENT RECONSTRUCTION LOGAN AVENUE TO STATION 0+160 PLAN/PROFILE	SHEET 10 OF 17