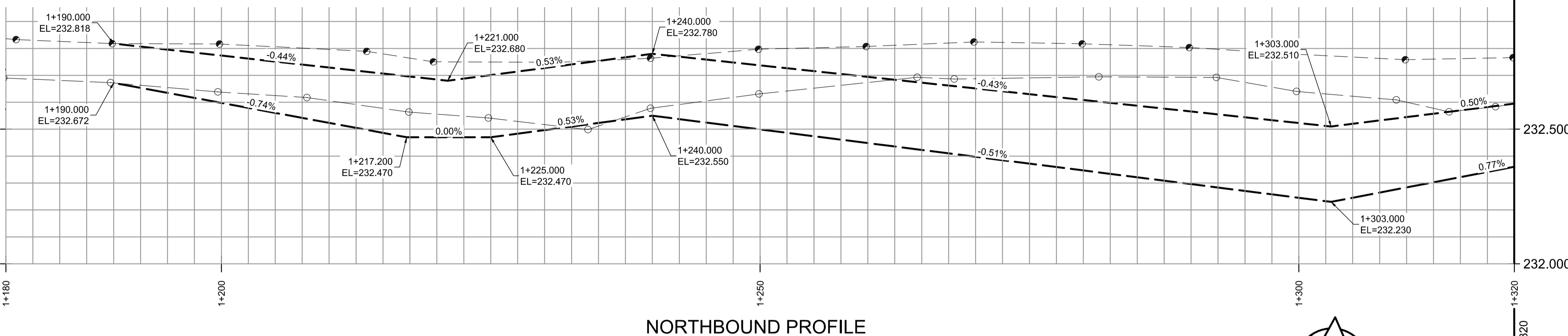
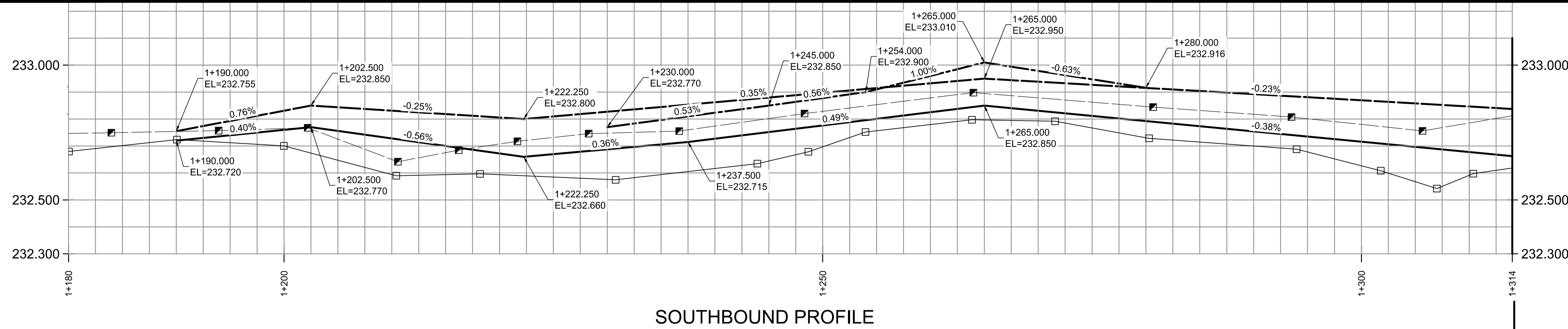


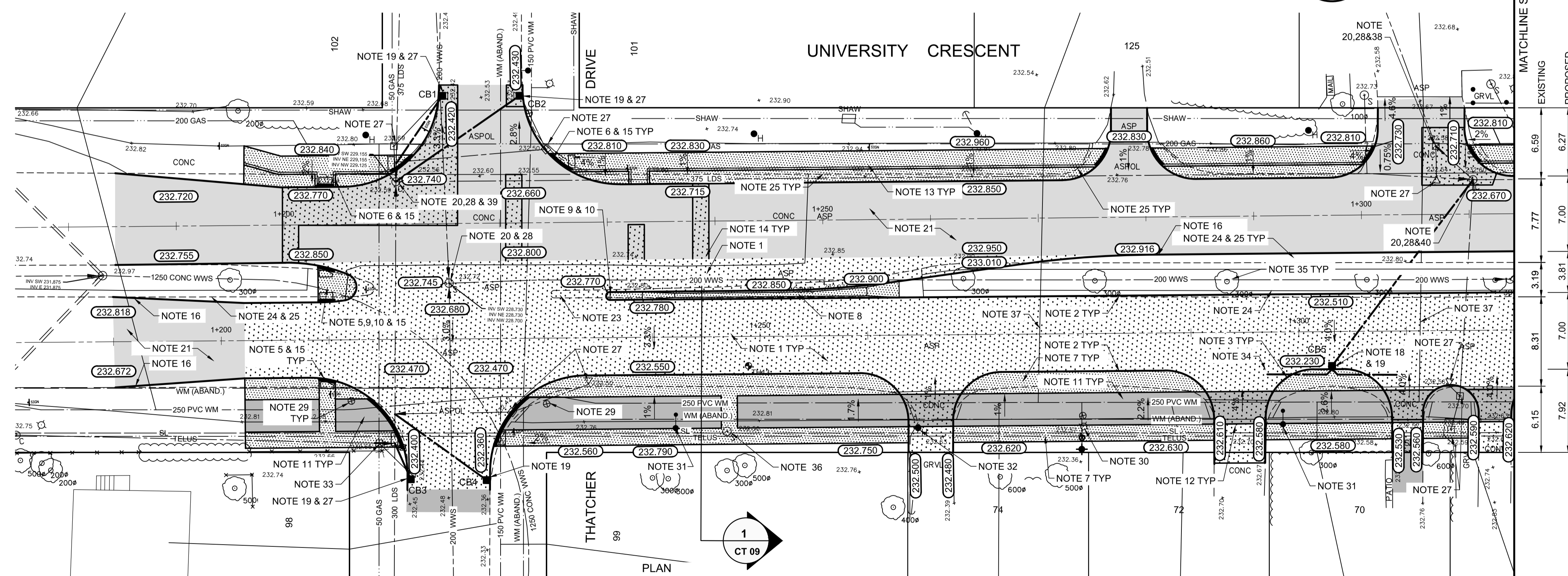
ITEM	RIM ELEV.	INVERT					CONNECTION	LEAD
		EAST	WEST	NORTH	SOUTH	SEWER		
CB1	232.420	230.82±				229.160±	375 LDS	250-7.5m @16.6%
CB2	232.430	230.83±				230.550±	MANHOLE	250-14.0m @2.0%
CB3	232.400				230.80±	229.235±	300 LDS	250-3.65m @43.0%
CB4	232.360				230.76±	229.245±	300 LDS	250-10.3m @14.7%
CB5	232.230		230.63±			228.440±	MANHOLE	250-21.7m @10.1%



PRELIMINARY
NOT FOR CONSTRUCTION
Date: 05/26/22

- 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. 5086

- CONSTRUCTION NOTES:**
- REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 250mm PLAIN DOWELED CONCRETE PAVEMENT
 - CONSTRUCT NEW BARRIER CURB (180mm HT. INTEGRAL)
 - CONSTRUCT NEW MODIFIED BARRIER CURB (180mm HT. INTERGRAL)
 - CONSTRUCT NEW MODIFIED BARRIER CURB (75mm HT.)
 - CONSTRUCT NEW CURB RAMP (10-12mm REVEAL HT. INTEGRAL)
 - CONSTRUCT NEW CURB RAMP (10-12mm REVEAL HT. MONOLITHIC)
 - CONSTRUCT NEW 100mm CONCRETE SIDEWALK
 - CONSTRUCT NEW SAFETY MEDIAN
 - CONSTRUCT NEW MONOLITHIC MEDIAN SLAB (180mm CURB HT.)
 - CONSTRUCT NEW BULLNOSE (INTERGRAL)
 - CONSTRUCT NEW ASPHALT PATHWAY (REFER TO TYPICAL CROSS SECTIONS)
 - CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT
 - CONSTRUCT NEW 100mm MONOLITHIC CURB AND SIDEWALK c/w PAVING BAND (DOWELLED 100mm REVEAL)
 - RENEW EXISTING 200mm REINFORCED CONCRETE PAVEMENT
 - INSTALL DETECTABLE WARNING TILE
 - INSTALL CONCRETE BARRIER CURB (DOWELLED 150mm REVEAL)
 - INSTALL CONCRETE BARRIER CURB (SEPARATE 75mm REVEAL)
 - INSTALL 150mm SUBDRAIN 6.0m ON EACH SIDE OF CATCH BASIN
 - INSTALL NEW CURB AND GUTTER INLET c/w CATCHBASIN (SD-024) AND CONNECT NEW 250mm LEAD TO EXISTING LEAD, MAINLINE LDS SEWER AND / OR MANHOLE
 - INSTALL NEW CAST IRON RISER RING
 - REMOVE EXISTING ASPHALT PAVEMENT AND PLACE TYPE 1A ASPHALT PAVEMENT 80mm THICK.
 - PLACE TYPE 1A ASPHALT PAVEMENT
 - REMOVE EXISTING MONOLITHIC CONCRETE MEDIAN SLAB
 - REMOVE EXISTING SPLASH STRIP
 - REMOVE EXISTING BARRIER CURB
 - REMOVE EXISTING CONCRETE SIDEWALK
 - REMOVE EXISTING CATCHBASIN/CATCHPIT AND ABANDON EXISTING LEAD
 - REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND COVER (AP-006/AP-007) AND ADJUST EXISTING MANHOLE/CATCHBASIN TO GRADE
 - ADJUST EXISTING WATER VALVE TO GRADE
 - RELOCATE EXISTING HYDRANT ASSEMBLY
 - RELOCATE EXISTING HYDRO STREET LIGHT
 - REMOVE EXISTING HYDRO POLE (BY OTHERS)
 - REMOVE EXISTING CATCHBASIN AND INSTALL NEW 250 LDS PIPE AND CONNECT TO EXISTING LDS PIPE, ABANDON PIPE CONNECTING TO WEST SIDE OF CATCH BASIN
 - CONSTRUCT CONCRETE LIP CURB (40mm HT MONOLITHIC)
 - REMOVE EXISTING TREES
 - ADJUST EXISTING TELUS VAULT (BY OTHERS)
 - INSULATE EXISTING LONG SIDE WATER SERVICES
 - REPLACE PIPE FROM 0.0m TO 1.0m FROM CATCH BASIN
 - REPLACE TOP 1.0m OF MANHOLE RISER (MH60013858)
 - REPLACE TOP 1.4m OF MANHOLE RISER (MH60013861)



ENGINEERS
GEOSCIENTISTS
MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: 05/26/22

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	150 mm W.M.	HYDRO	PROFILE
◇	◇	M.T.S.	—
○	○	CONCRETE	—
○	○	ASPHALT	—
○	○	PROPERTY LINE	—
○	○	SURVEY BAR	—
○	○	ELEVATION (235.750)	—
○	○	TREE	—
○	○	SIDEWALK RAMP	—
○	○	CONCRETE SIDEWALK	—
○	○	FENCE	—
○	○	EXISTING	—
○	○	PROPOSED	—
○	○	EXISTING	—
○	○	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. ELEV.	74M574 - Tbt. in W. wall of Conc. parking garage of No. 77 University Cres. E. of Pembina Hwy., 0.9 m N. of S.W. cor. of garage, & 2.6 m below recreation deck.	ELEVATION: 234.128
0	ISSUED FOR TENDER	05/26/22 BC
A	ISSUED FOR REVIEW	05/11/22 BC
NO.	REVISIONS	DATE BY

AECOM	
DESIGNED BY	JT
CHECKED BY	BC
DRAWN BY	JT
APPROVED BY	RC
HOR. SCALE:	1:250
VERTICAL:	1:10
ORIGINAL SIGNED BY:	
DATE	05/11/22

ENGINEER'S SEAL
CONSULTANT DRAWING NO. CT-05

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2022 REGIONAL STREET RENEWAL PROGRAM
UNIVERSITY CRESCENT
THATCHER DRIVE TO PEMBINA HIGHWAY

CITY DRAWING NUMBER P-3559-05
SHEET 05 OF 11

CONCRETE PAVEMENT RESTORATION & REHABILITATION
STATION 1+190 TO STATION 1+320
PLAN-PROFILE