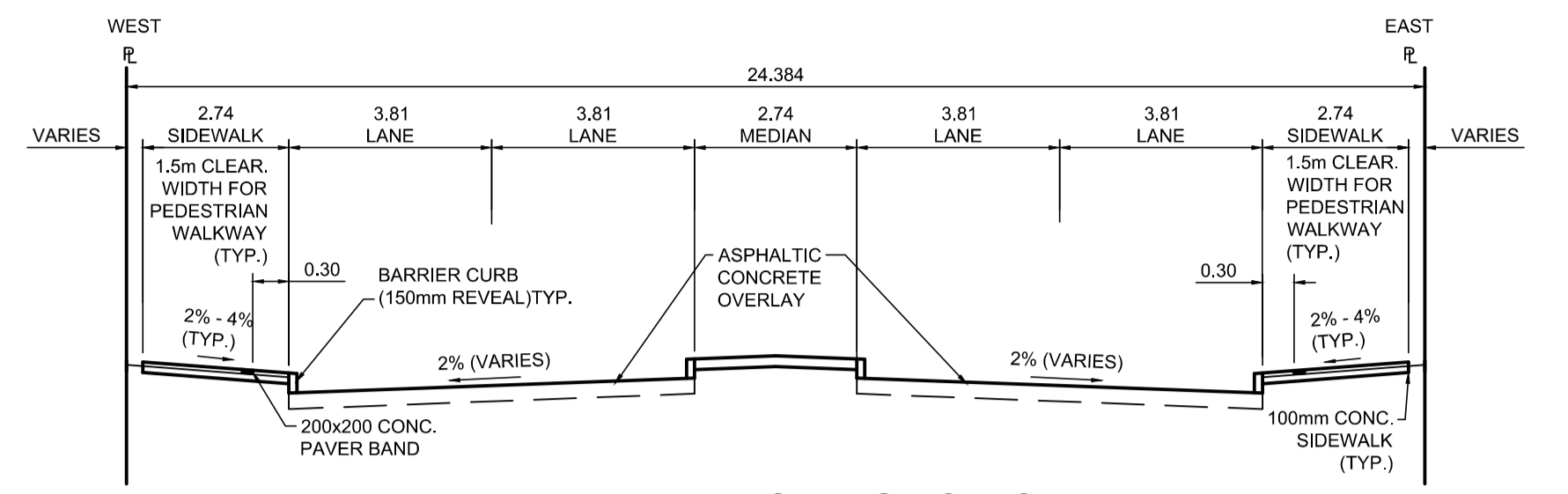


**PROFILE**  
Scale H=1:250 V=1:10

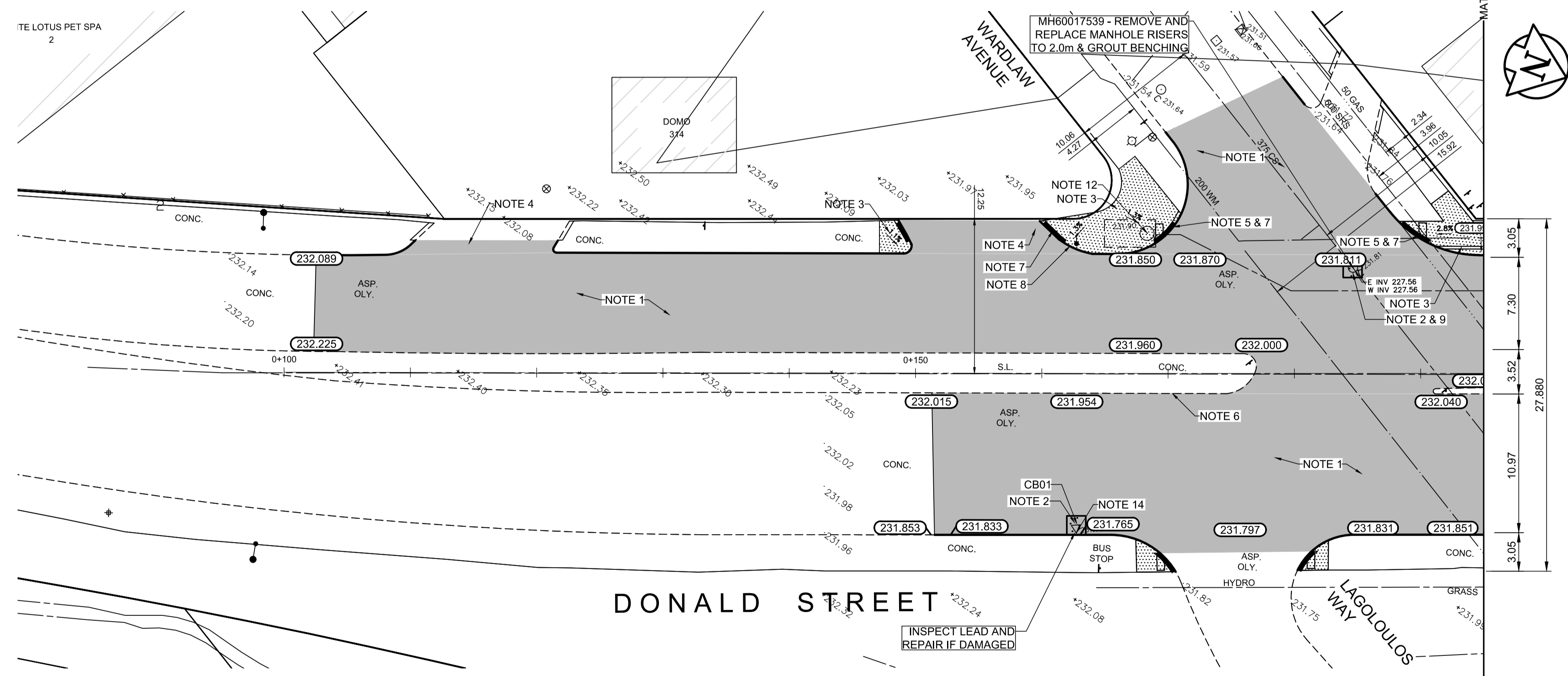


**TYPICAL SECTION**  
Scale NTS

ITEM	RIM ELEV.	Sta	INVERT					CONNECTION	LEAD	FLOW RESTRICTOR
			EAST	WEST	NORTH	SOUTH	V. RISER			
CB01	231.765E	0+163		230.17						n/a

- REFERENCE NOTES**
- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
  - BASELINE IS CENTRELINE OF RIGHT-OF-WAY
  - PROPERTY LINES OBTAINED FROM THE CITY OF WINNIPEG L.B.I.S., AND SCALE FACTOR WAS NOT APPLIED
  - REFER TO AECOM FIELD BOOK NO. 5062 - 5069, 5072
  - CATCH BASIN CONNECTIONS TO SEWER DESIGNED TO MAINTAIN PRE-CONSTRUCTION CAPACITY BY CATCH BASIN LEAD RESTRICTION AS INDICATED ON THE DRAWINGS. ADDITIONAL OR MODIFIED CONNECTIONS TO THE SEWER SYSTEM BEYOND THOSE INDICATED ON THE DRAWINGS REQUIRE REVIEW AND WRITTEN APPROVAL BY THE CONTRACT ADMINISTRATOR.

- CONSTRUCTION NOTES**
- PLANE EXISTING ASPHALT AND CONSTRUCT NEW ASPHALTIC PAVEMENT OVERLAY TYPE 1A (AVERAGE THICKNESS 85mm)
  - REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 230mm PLAIN DOWELLED CONCRETE PAVEMENT
  - REMOVE EXISTING CONCRETE SIDEWALK AND CONSTRUCT NEW 100mm SIDEWALK WITH BLOCKOUTS OF PAVING STONES FOR INDICATOR SURFACE (SEE CT-30)
  - PLACE ASPHALT PAVEMENT (TYPE 1A)
  - INSTALL NEW DETECTABLE SURFACE WARNING TILES
  - CONSTRUCT NEW BARRIER CURB (150mm REVEAL HT. SEPARATE)
  - CONSTRUCT NEW MONOLITHIC CURB RAMP (10mm HT. INTEGRAL)
  - CONSTRUCT NEW MODIFIED BARRIER CURB (180mm HT. INTEGRAL) AS PER SD-203B AT ALL STREET/LANE INTERSECTION RADII
  - ADJUST EXISTING CATCHBASIN / MANHOLE FRAME AND COVER
  - ADJUST EXISTING WATERMAIN VALVE BOX TO GRADE
  - REMOVE AND REPLACE EXISTING CATCHBASIN (SD-024) AND CONNECT TO EXISTING LEAD. INSPECT EXISTING LEAD PRIOR TO CONNECTION
  - ADJUST UTILITY MANHOLE FRAME REINFORCE ISOLATION WITH 15M BARS FOR ISOLATIONS IN ROADWAY AND 10M BARS FOR ISOLATIONS IN SIDEWALK
  - CONTRACT ADMINISTRATOR TO DETERMINE LOCATIONS FOR INSTALLATION OF PAVEMENT REPAIR FABRIC PRIOR TO ASPHALT PAVING
  - REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND COVER (AP-008 AND AP-009) AND REMOVE AND REPLACE CONCRETE RISER TO 0.4m



**PLAN**  
Scale 1:250

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

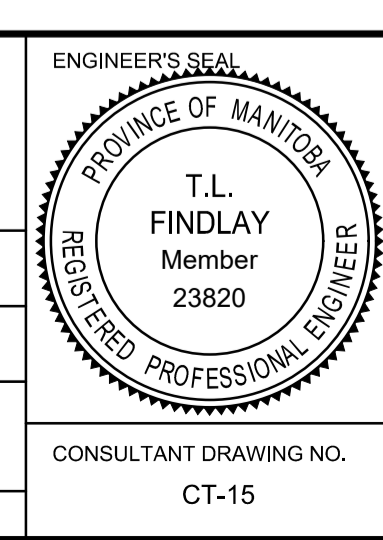
**LOCATION APPROVED UNDERGROUND STRUCTURES**

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.	tbm	South East Corner of Smith Avenue & Broadway, property line, top of 1" x 1" iron bar
	231.968	

DESIGNED BY	BC	CHECKED BY	TLF
DRAWN BY	JT	APPROVED BY	TLF
HOR. SCALE:	AS SHOWN	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:			
ISSUED FOR TENDER	2020/10/30	TLF	
ISSUED FOR REVIEW	2020/10/23	TLF	
NO. REVISIONS	DATE	BY	DATE
	2020/05/06		



**ENGINEERS GEOSCIENTISTS MANITOBA**  
Certificate of Authorization  
AECOM Canada Ltd.  
No. 4671 Date: \_\_\_\_\_

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

DOWNTOWN PAVEMENT RENEWAL PROJECT  
2021 CONSTRUCTION

PLAN/PROFILE GRADING PLAN  
DONALD STREET  
GERTRUDE AVENUE TO STATION 0+195

CITY DRAWING NUMBER P-3535-15  
SHEET 15 OF 30

CONSULTANT DRAWING NO. CT-15