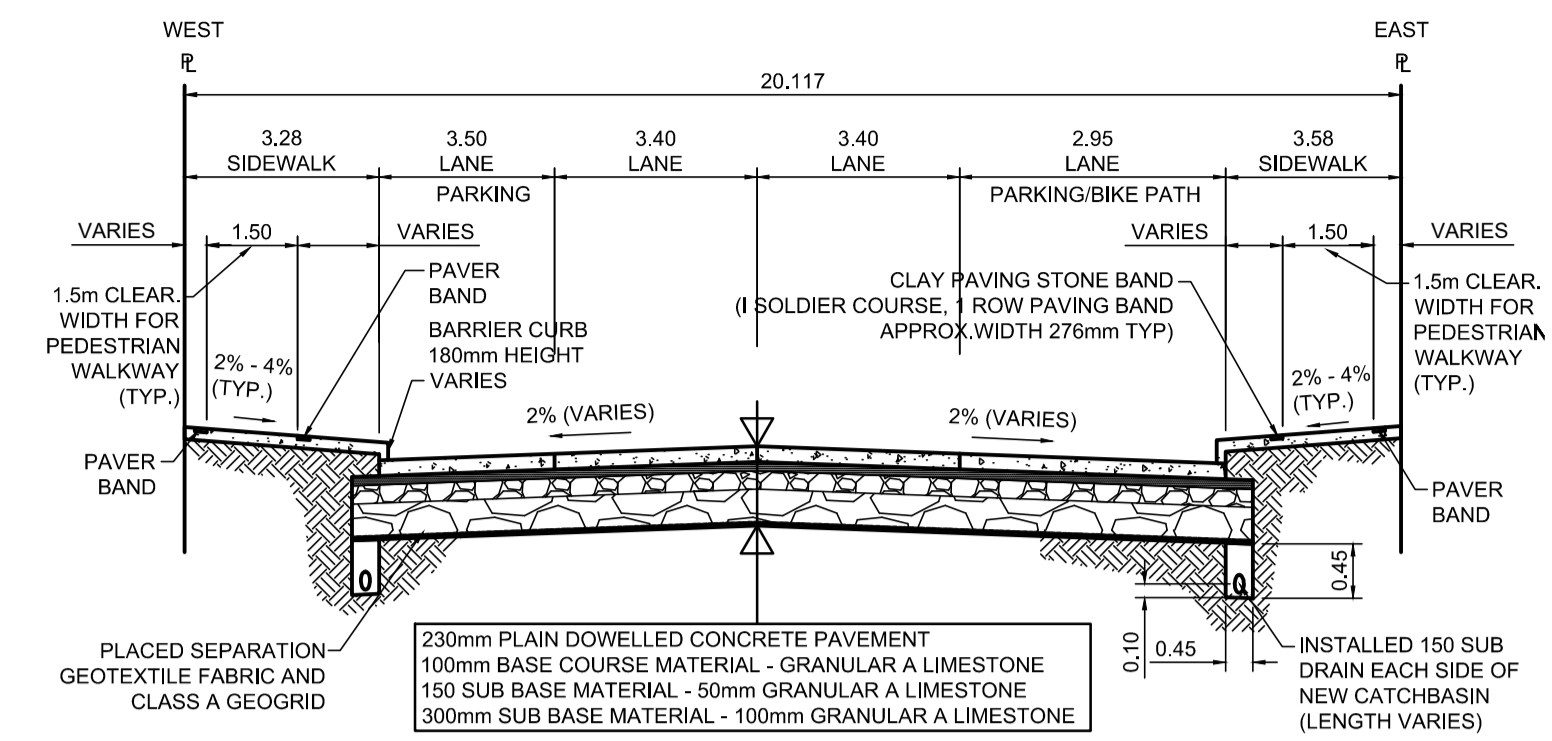
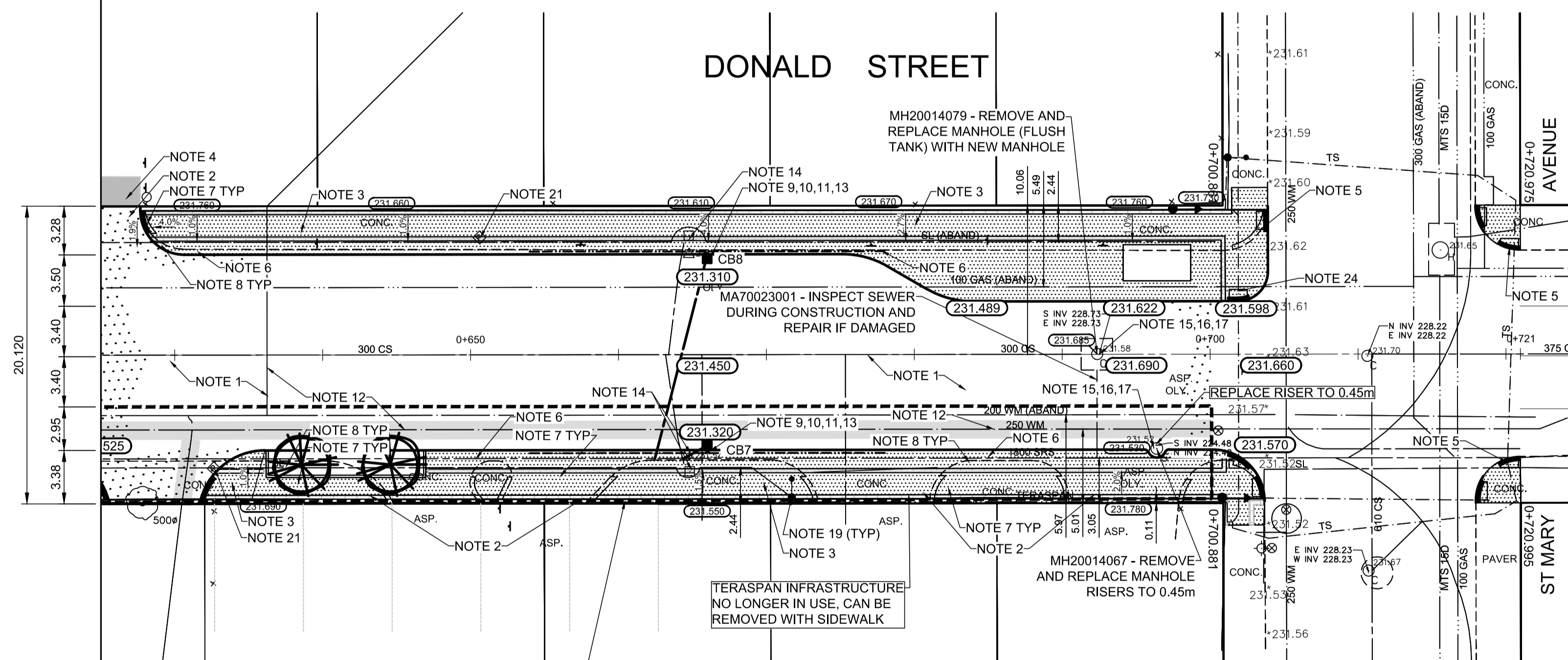


**PROFILE**  
Scale H=1:250 V=1:10



**TYPICAL SECTION**  
Scale NTS

ITEM	RIM ELEV.	Sta	INVERT				CONNECTION	LEAD	FLOW RESTRICTOR		
			EAST	WEST	NORTH	SOUTH					
CB07	231.290E	0+666		229.650			229.630	224.42+	1800 SRS	1.0 m-250Ø @ 2% Min	n/a
CB08	231.310W	0+666	229.670				229.390	224.42+	1800 SRS	14.0 m-250Ø @ 2% Min	n/a



**PLAN**  
Scale 1:250

**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**

- REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 230mm PLAIN DOWELLED CONCRETE PAVEMENT
- CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT
- REMOVE EXISTING CONCRETE SIDEWALK AND CONSTRUCT NEW 100mm SIDEWALK WITH BLOCKOUTS c/w PAVING STONES FOR INDICATOR SURFACE (REFER TO TYPICAL SECTION ON THIS SHEET AND CT-300 DETAILS FOR ADDITIONAL INFORMATION). CONTRACTOR TO SAW CUT AT PROPERTY LINE FULL LENGTH OF PROJECT
- PLACE ASPHALT PAVEMENT (TYPE 1A)
- INSTALL NEW DETECTABLE SURFACE WARNING TILES
- CONSTRUCT NEW BARRIER CURB (180mm 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
- INSTALL NEW CURB AND CUTTER INLET c/w CATCHBASIN (SD024) CONNECT NEW 250mm LEAD TO EXISTING 1800 STORM RELIEF SEWER
- INSTALL FLOW RESTRICTOR PIPE AS INDICATED IN CB & CP TABLE (SD-122)
- INSULATE WATERMAIN AND/OR WATER SERVICE UNDER CATCHPIT OR CATCHBASIN
- INSULATE WATER MAIN AND WATER SERVICES UNDER ROADWAY EXCAVATION AS PER (SD-18)
- INSTALL 150mm SUBDRAIN 12m ON EACH SIDE OF CATCHBASIN UNLESS OTHERWISE NOTED
- REMOVE EXISTING CURB INLET / CATCH PIT / CATCHBASIN AND ABANDON EXISTING LEAD
- REMOVE EXISTING FRAME AND COVER AND INSTALL NEW FRAME AND SOLID COVER (AP-006 & AP-007)
- INSTALL NEW 50mm CAST IRON RISER RING
- ADJUST EXISTING CATCHBASIN / MANHOLE FRAME AND COVER
- ADJUST EXISTING WATERMAIN VALVE BOX TO GRADE
- NEW STREET LIGHTING TO BE INSTALLED. EXISTING STREET LIGHTING TO BE REMOVED
- ADJUST UTILITY MANHOLE FRAME REINFORCE ISOLATION WITH 15M BARS FOR ISOLATIONS IN ROADWAY AND 10M BARS FOR ISOLATIONS IN SIDEWALK
- REMOVE EXISTING PARKING PAY STATIONS (BY OTHERS)
- INSTALL BIKE RACK
- EXISTING TRAFFIC SIGNALS POLE TO BE RELOCATED (REFER TO SIGNALS DRAWINGS FOR ADDITIONAL DETAILS)
- THICKENED 150mm SLAB, LOCATION OF FUTURE WINNIPEG TRANSIT BUS STOP
- TERASPAN INFRASTRUCTURE NO LONGER IN USE, REMOVE DURING PAVEMENT OR SIDEWALK REMOVAL

TEMPORARY PAVEMENT AREA - CONSTRUCT PAVEMENT STRUCTURE INCLUDING 450mm OF SUB BASE AND 100mm BASE, PLACE ADDITIONAL 105mm OF BASE AND 125mm OF ASPHALT PAVEMENT IN LIEU OF 230mm CONCRETE PAVEMENT, c/w 180mm CONCRETE BARRIER CURB AND 50mm TEMPORARY ASPHALT SIDEWALK

**ENGINEERS GEOSCIENTISTS MANITOBA**  
Certificate of Authorization  
AECOM Canada Ltd.  
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.	HYDRANT	HYDRO	M.T.S.	WEST GUTTER	WEST GUTTER	WEST GUTTER
300mm L.D.S.	VALVE	300mm L.D.S.	LAND DRAINAGE SEWER	CONCRETE	CONCRETE	EAST GUTTER	EAST GUTTER	EAST GUTTER
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	MANHOLE	ASPHALT	ASPHALT	N/W PROPERTY LINE	N/W PROPERTY LINE	N/W PROPERTY LINE
	CATCH BASIN		CATCH PIT	PROPERTY LINE	PROPERTY LINE	S/E PROPERTY LINE	S/E PROPERTY LINE	S/E PROPERTY LINE
	STREET SIGNAL POLE		STREET LIGHT	SURVEY BAR	SURVEY BAR			
	GAS			ELEVATION	ELEVATION (35.750)			
				TREE	TREE			
				SIDEWALK RAMP	SIDEWALK RAMP			
				CONCRETE SIDEWALK	CONCRETE SIDEWALK			
				FENCE	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.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	2020/10/30	TLF
A	ISSUED FOR REVIEW	2020/10/23	TLF

**AECOM**  
DESIGNED BY: KWR  
CHECKED BY: TLF  
DRAWN BY: JT  
APPROVED BY: TLF  
HOR. SCALE: AS SHOWN  
VERTICAL: AS SHOWN  
RELEASED FOR CONSTRUCTION BY: \_\_\_\_\_  
DATE: 2020/05/06

ENGINEER'S SEAL  
PROVINCE OF MANITOBA  
REGISTERED PROFESSIONAL ENGINEER  
T.L. FINDLAY  
Member 23820

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION  
DOWNTOWN PAVEMENT RENEWAL PROJECT  
2021 CONSTRUCTION  
PLAN/PROFILE GRADING PLAN  
DONALD STREET  
STA. 0+625 TO STA. ST MARY AVENUE  
CITY DRAWING NUMBER P-3535-27  
SHEET 27 OF 30