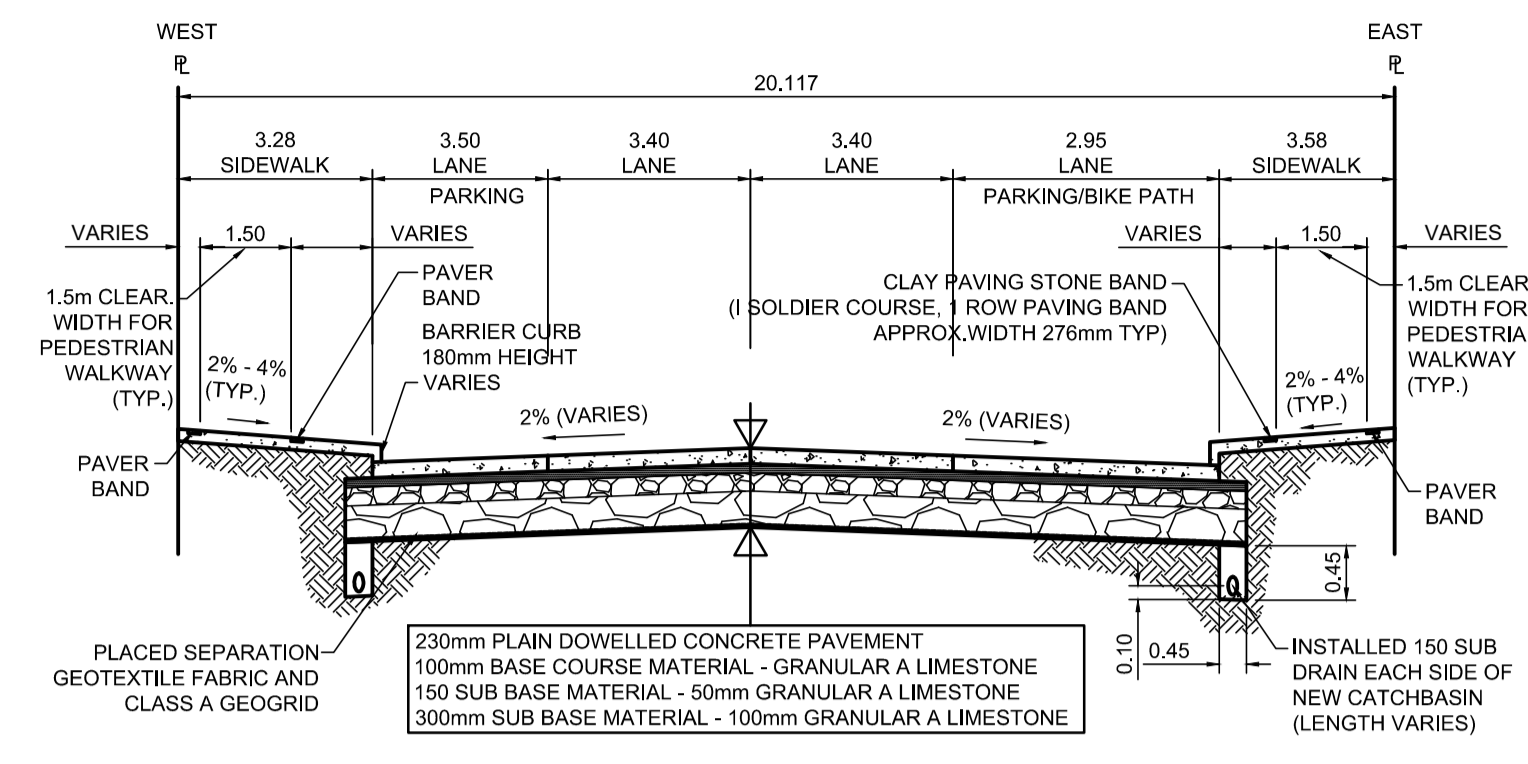


PROFILE
Scale H=1:250 V=1:10



TYPICAL SECTION
Scale NTS

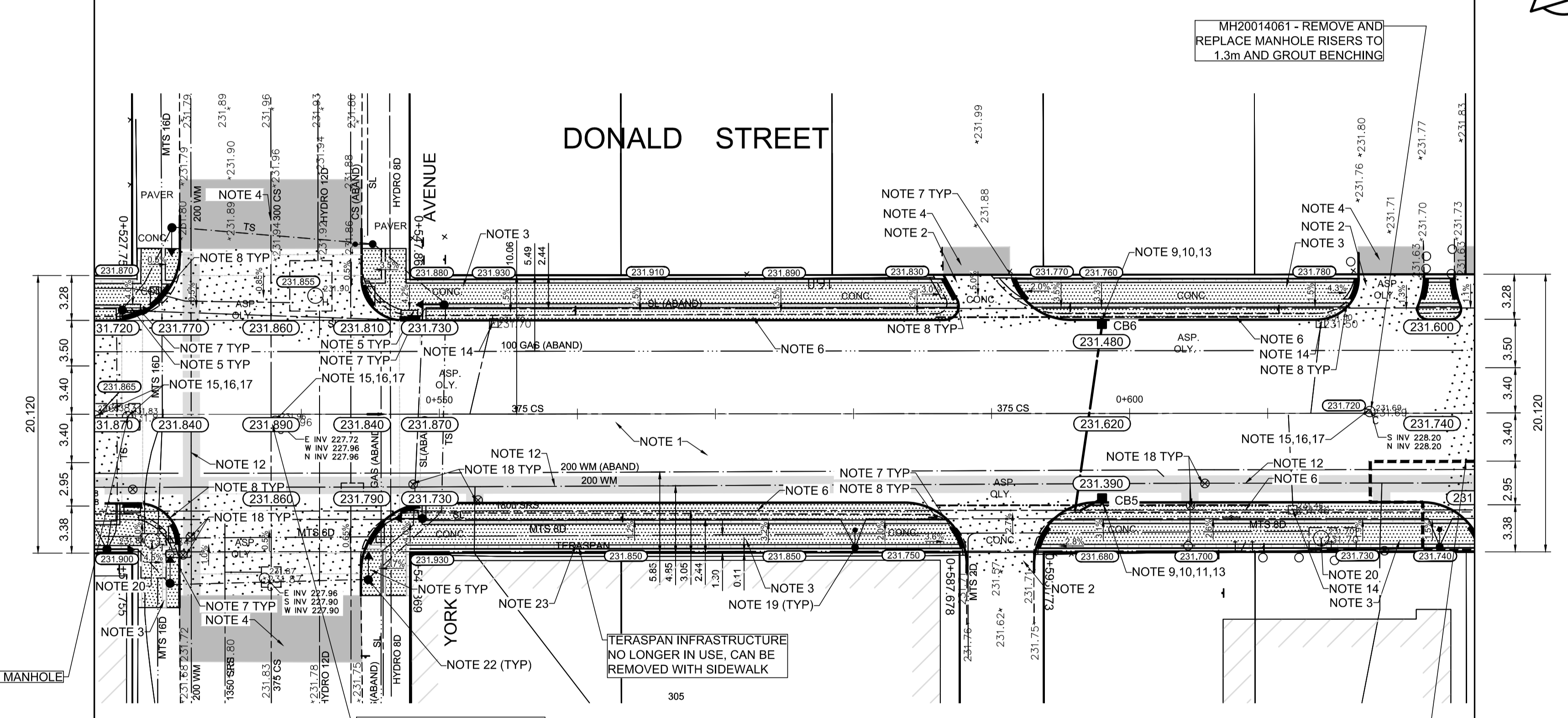
ITEM	RIM ELEV.	Sta	INVERT				CONNECTION	LEAD	FLOW RESTRICTOR		
			EAST	WEST	NORTH	SOUTH					
CB05	231.390E	0+598		229.750			229.730	224.31±	1800 SRS	1.0 m-250Ø @ 2% Min	n/a
CB06	231.480W	0+598	229.840				229.560	224.31±	1800 SRS	14.0 m-250Ø @ 2% Min	n/a

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

- 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-30 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-2038 AT ALL STREETLANE INTERSECTION RADII
- INSTALL NEW CURB AND GUTTER 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
- INSTALL BIKE RACK
- EXISTING TRAFFIC SIGNALS POLE TO BE RELOCATED (REFER TO SIGNALS DRAWINGS FOR ADDITIONAL DETAILS)
- TERASPAN INFRASTRUCTURE NO LONGER IN USE, REMOVE DURING PAVEMENT OR SIDEWALK REMOVAL



PLAN
Scale 1:250

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

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	HYDRO	150 mm W.M.	— x —	PROFILE	— x —
Hydrant	HYDRANT	Hydrant	M.T.S.	M.T.S.	Hydrant	— □ —	WEST GUTTER	— □ —
Valve	VALVE	Valve	CONCRETE	CONCRETE	Valve	— ○ —	EAST GUTTER	— ○ —
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	ASPHALT	ASPHALT	300mm L.D.S.	— □ —	N/W PROPERTY LINE	— □ —
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE	PROPERTY LINE	250mm W.W.S.	— ○ —	S/E PROPERTY LINE	— ○ —
Manhole	MANHOLE	Manhole	SURVEY BAR	SURVEY BAR	Manhole	— ○ —		
Catch Basin	CATCH BASIN	Catch Basin	ELEVATION	ELEVATION	Catch Basin	— ○ —		
Catch Pit	CATCH PIT	Catch Pit	TREE	TREE	Catch Pit	— ○ —		
Traffic Signal Pole	TRAFFIC SIGNAL POLE	Traffic Signal Pole	SIDEWALK RAMP	SIDEWALK RAMP	Traffic Signal Pole	— ○ —		
Street Light	STREET LIGHT	Street Light	CONCRETE SIDEWALK	CONCRETE SIDEWALK	Street Light	— ○ —		
Gas	GAS	Gas	FENCE	FENCE	Gas	— ○ —		

LOCATION APPROVED UNDERGROUND STRUCTURES		DATE	
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.	tbm	South East Corner of Smith Avenue & Broadway, property line, top of 1" x 1" iron bar
ELEV.	231.988	

AECOM

DESIGNED BY: BC
CHECKED BY: TLF

DRAWN BY: JT
APPROVED BY: TLF

HOR. SCALE: AS SHOWN
RELEASED FOR CONSTRUCTION BY:

VERTICAL:

CONSULTANT DRAWING NO. CT-26

ENGINEERS GEOSCIENTISTS MANITOBA

Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

DOWNTOWN PAVEMENT RENEWAL PROJECT
2021 CONSTRUCTION

PLAN/PROFILE GRADING PLAN
DONALD STREET
STA. 0+525 TO STA. 0+625

CITY DRAWING NUMBER P-3535-26
SHEET 26 OF 30