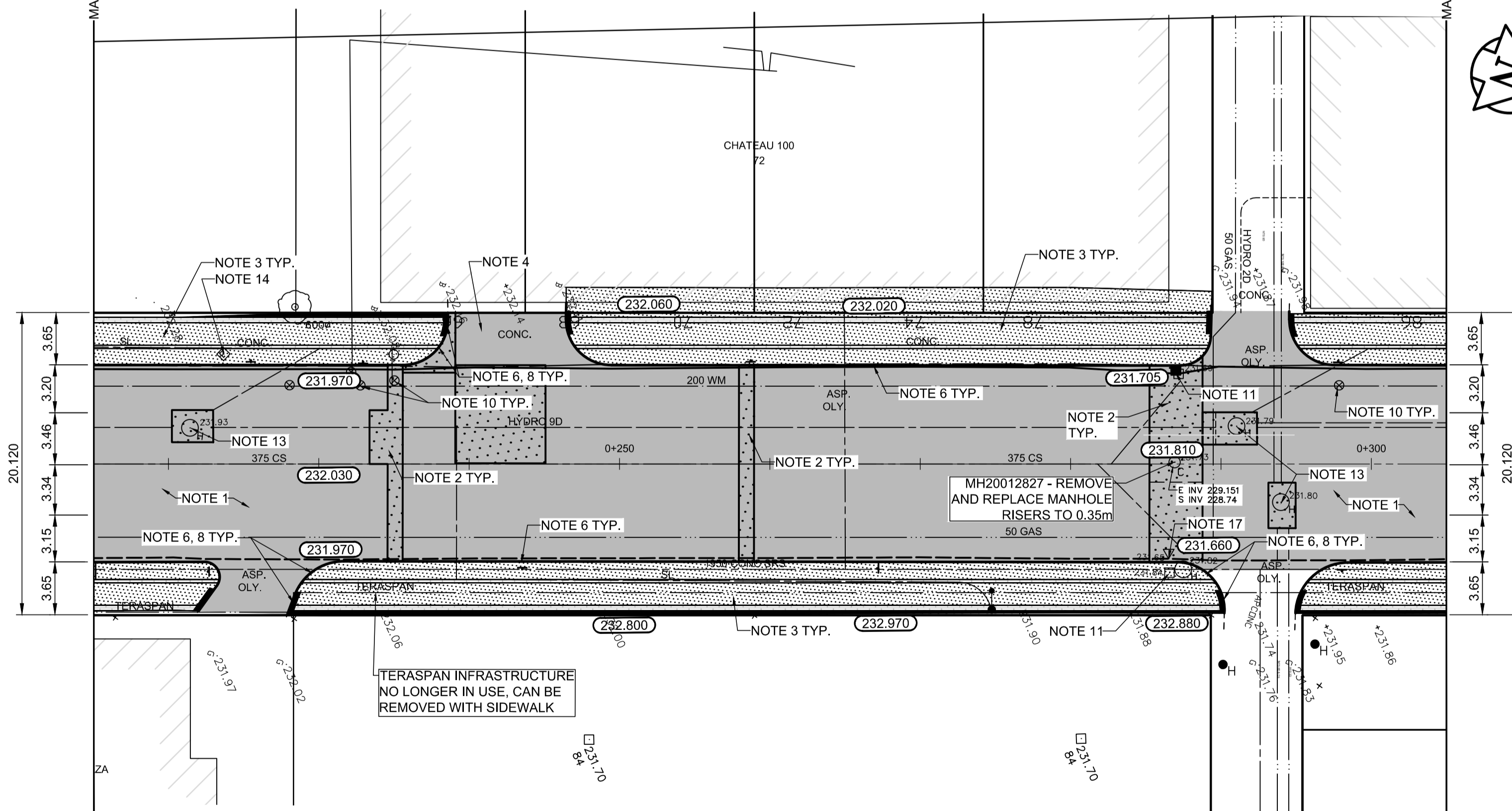
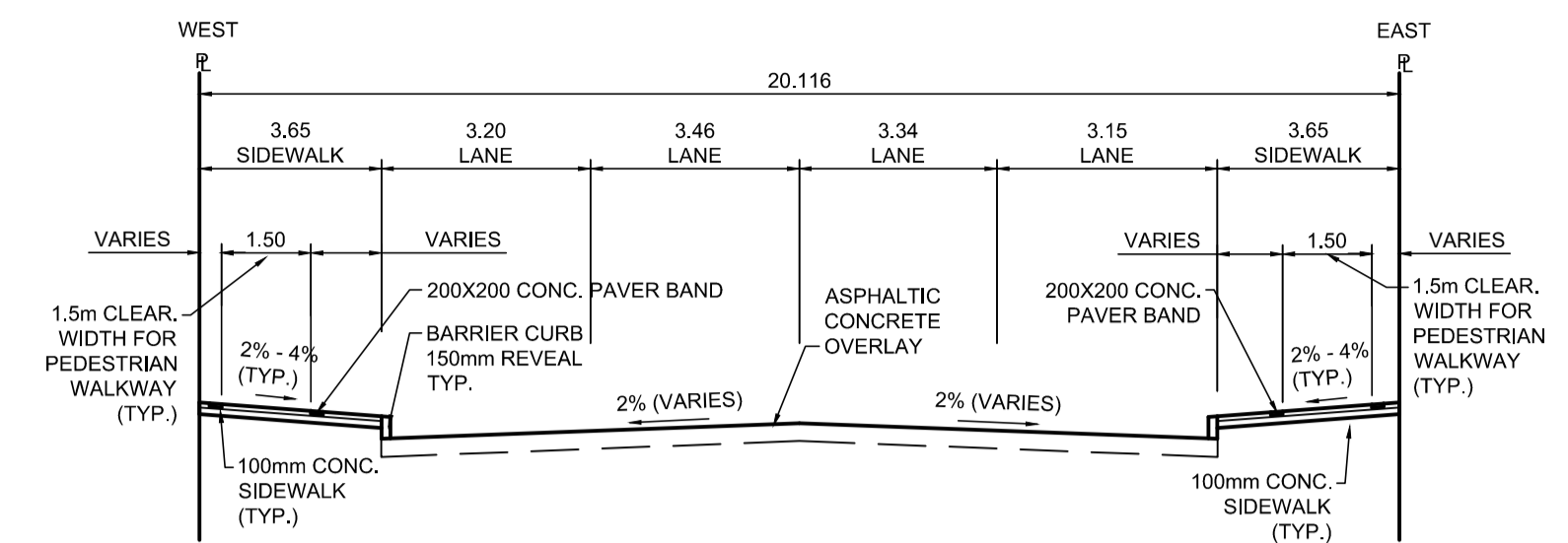


PROFILE
Scale H=1:250 V=1:10



PLAN
Scale 1:250



TYPICAL SECTION
Scale NTS

ITEM	RIM ELEV.	Sta	INVERT				CONNECTION	LEAD	FLOW RESTRICTOR		
			EAST	WEST	NORTH	SOUTH					
CB11	231.705W	0+287	230.070				229.780	223.61±	1800 SRS	14.0 m-2500 @ 2% Min	150mm
CB12	231.660E	0+287		230.070			230.050	223.61±	1800 SRS	1.0 m-2500 @ 2% Min	150mm

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 c/w 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 CONCRETE RISERS TO 0.5m FRAME AND COVER, INSPECT EXISTING LEAD AND REPAIR IF DAMAGED.
- REMOVE AND REPLACE EXISTING CATCHPIT c/w CURB AND GUTTER INLET (SD-023) AND CONNECT TO EXISTING CATCHBASIN
- 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)
- TERASPAN INFRASTRUCTURE NO LONGER IN USE. REMOVE DURING PAVEMENT OR SIDEWALK REMOVAL
- CONTRACT ADMINISTRATOR TO DETERMINE LOCATIONS FOR INSTALLATION OF PAVEMENT REPAIR FABRIC PRIOR TO ASPHALT PAVING
- REMOVE AND REPLACE EXISTING GUTTER INLET BOX AND CONNECT INTO EXISTING CATCH BASIN

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: _____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.	150 mm W.M.	300mm L.D.S.	250mm W.W.S.	HYDRO	PROFILE	LEGEND - PLAN	LEGEND - PROFILE
HYDRANT	HYDRANT	VALVE	LAND DRAINAGE SEWER	M.T.S.	WEST GUTTER	EXISTING	EXISTING
VALVE	VALVE	WASTEWATER SEWER	MANHOLE	CONCRETE	EAST GUTTER	PROPOSED	PROPOSED
CATCH BASIN	CATCH BASIN	WASTEWATER SEWER	CATCH PIT	ASPHALT	N/W PROPERTY LINE	EXISTING	EXISTING
CATCH PIT	CATCH PIT	WASTEWATER SEWER	STREET SIGNAL POLE	PROPERTY LINE	S/E PROPERTY LINE	PROPOSED	PROPOSED
STREET SIGNAL POLE	STREET SIGNAL POLE	WASTEWATER SEWER	STREET LIGHT	SURVEY BAR			
STREET LIGHT	STREET LIGHT	WASTEWATER SEWER	GAS	ELEVATION (35.750)			
GAS	GAS	WASTEWATER SEWER	EXISTING	TREE			
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	SIDEWALK RAMP			
LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	CONCRETE SIDEWALK			
PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	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
ELEV.	231.968	
NO.	REVISIONS	DATE BY
0	ISSUED FOR TENDER	2020/10/30 TLF
A	ISSUED FOR REVIEW	2020/10/23 TLF

AECOM

DESIGNED BY	BC	CHECKED BY	TLF
DRAWN BY	JT	APPROVED BY	TLF
HOR. SCALE:	AS SHOWN	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:		DATE	2020/05/06

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

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

DOWNTOWN PAVEMENT RENEWAL PROJECT
2021 CONSTRUCTION

PLAN/PROFILE GRADING PLAN
DONALD STREET
STATION 0+215 TO STATION 0+305

CITY DRAWING NUMBER P-3535-22
SHEET 22 OF 30

CONSULTANT DRAWING NO. CT-22