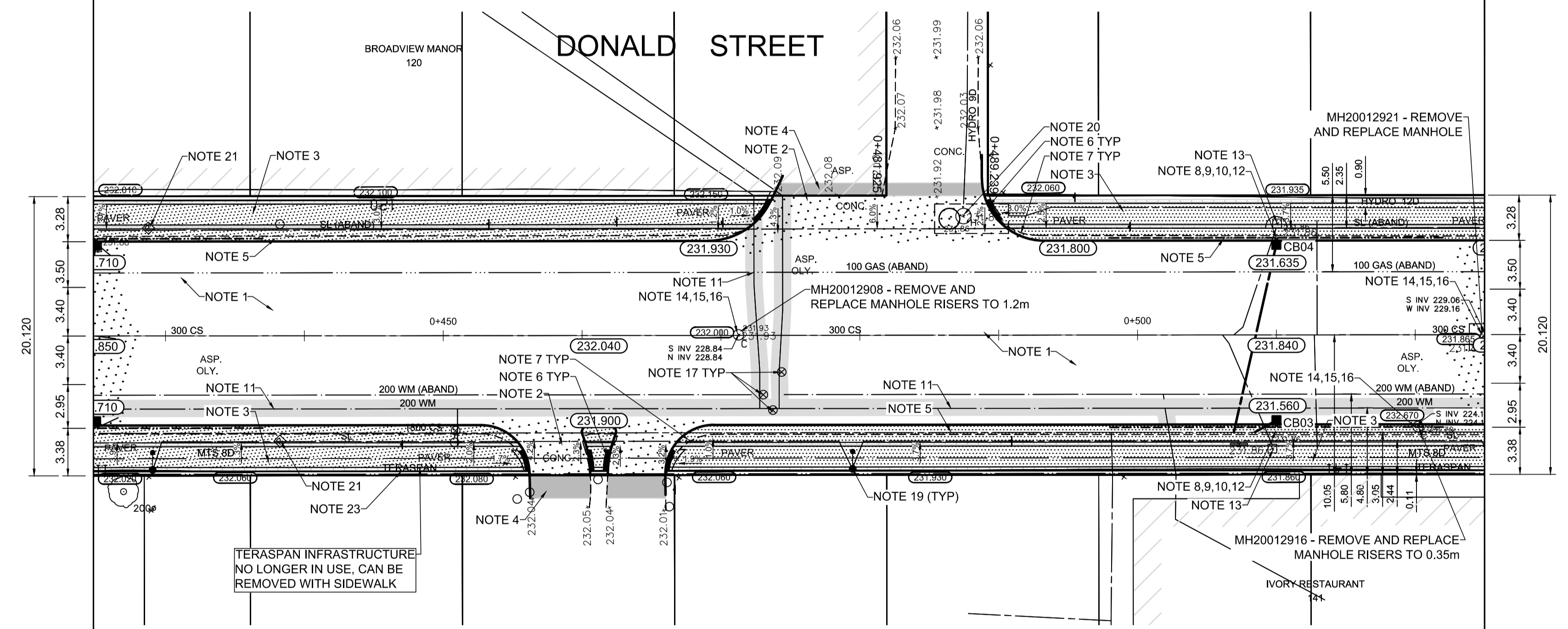


ITEM	RIM ELEV.	Sta	INVERT					CONNECTION	LEAD	FLOW RESTRICTOR	
			EAST	WEST	NORTH	SOUTH	V. RISER				SEWER
CB03	231.560E	0+510		229.920			229.900	224.11±	1800 CS	1.0 m-2500 @ 2% Min	n/a
CB04	231.635W	0+510	229.995				229.715	224.11±	1800 CS	14.0 m-2500 @ 2% Min	n/a



REFERENCE NOTES

- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- B. BASELINE IS CENTRELINE OF RIGHT-OF-WAY
- C. PROPERTY LINES OBTAINED FROM THE CITY OF WINNIPEG L.B.I.S., AND SCALE FACTOR WAS NOT APPLIED
- D. REFER TO AECOM FIELD BOOK NO. 5062 - 5069, 5072
- E. 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

1. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 230mm PLAIN DOWELLED CONCRETE PAVEMENT
2. CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT
3. 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
4. PLACE ASPHALT PAVEMENT (TYPE 1A)
5. CONSTRUCT NEW BARRIER CURB (180mm HT. SEPARATE)
6. CONSTRUCT NEW MONOLITHIC CURB RAMP (10mm HT. INTEGRAL)
7. CONSTRUCT NEW MODIFIED BARRIER CURB (180mm HT. INTEGRAL) AS PER SD-203B AT ALL STREET/LANE INTERSECTION RADII
8. INSTALL NEW CURB AND GUTTER INLET c/w CATCHBASIN (SD024) CONNECT NEW 250mm LEAD TO EXISTING 1800 STORM RELIEF SEWER
9. INSTALL FLOW RESTRICTOR PIPE AS INDICATED IN CB & CP TABLE (SD-122)
10. INSULATE WATERMAIN AND/OR WATER SERVICE UNDER CATCHPIT OR CATCHBASIN
11. INSULATE WATER MAIN AND WATER SERVICES UNDER ROADWAY EXCAVATION AS PER (SD-18)
12. INSTALL 150mm SUBDRAIN 12m ON EACH SIDE OF CATCHBASIN UNLESS OTHERWISE NOTED
13. REMOVE EXISTING CURB INLET / CATCH PIT / CATCHBASIN AND ABANDON EXISTING LEAD
14. REMOVE EXISTING FRAME AND COVER AND INSTALL NEW FRAME AND SOLID COVER (AP-006 & AP-007)
15. INSTALL NEW 50mm CAST IRON RISER RING
16. ADJUST EXISTING CATCHBASIN / MANHOLE FRAME AND COVER
17. ADJUST EXISTING WATERMAIN VALVE BOX TO GRADE
18. ADJUST EXISTING CURB STOP TO GRADE
19. NEW STREET LIGHTING TO BE INSTALLED. EXISTING STREET LIGHTING TO BE REMOVED
20. ADJUST UTILITY MANHOLE FRAME REINFORCE ISOLATION WITH 15M BARS FOR ISOLATIONS IN ROADWAY AND 10M BARS FOR ISOLATIONS IN SIDEWALK
21. REMOVE EXISTING PARKING PAY STATIONS (BY OTHERS)
22. INSTALL BIKE RACK
23. TERASPAN INFRASTRUCTURE NO LONGER IN USE. REMOVE DURING PAVEMENT OR SIDEWALK REMOVAL

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.	HYDRO	HYDRO	HYDRO	— x —	PROFILE	PROFILE
◇	HYDRANT	◆	M.T.S.	M.T.S.	M.T.S.	— □ —	WEST GUTTER	WEST GUTTER
⊙	VALVE	⊙	CONCRETE	CONCRETE	CONCRETE	— ○ —	EAST GUTTER	EAST GUTTER
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	ASPHALT	ASPHALT	ASPHALT	— ◇ —	N/W PROPERTY LINE	N/W PROPERTY LINE
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE	PROPERTY LINE	PROPERTY LINE	— ○ —	S/E PROPERTY LINE	S/E PROPERTY LINE
○	MANHOLE	●	SURVEY BAR	SURVEY BAR	SURVEY BAR	— □ —		
□	CATCH BASIN	■	ELEVATION	ELEVATION	ELEVATION	— (35.750) —		
▽	CATCH PIT	▼	TREE	TREE	TREE			
↑	TRAFFIC SIGNAL POLE	↑	SIDEWALK RAMP	SIDEWALK RAMP	SIDEWALK RAMP			
↑	STREET LIGHT	↑	CONCRETE SIDEWALK	CONCRETE SIDEWALK	CONCRETE SIDEWALK			
—	GAS	—	FENCE	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: BC
CHECKED BY: TLF
DRAWN BY: JT
APPROVED BY: TLF
HOR. SCALE: AS SHOWN
VERTICAL: RELEASED FOR CONSTRUCTION BY: _____
DATE: 2020/07/14

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+425 TO STA. 0+525
CITY DRAWING NUMBER P-3535-25
SHEET 25 OF 30