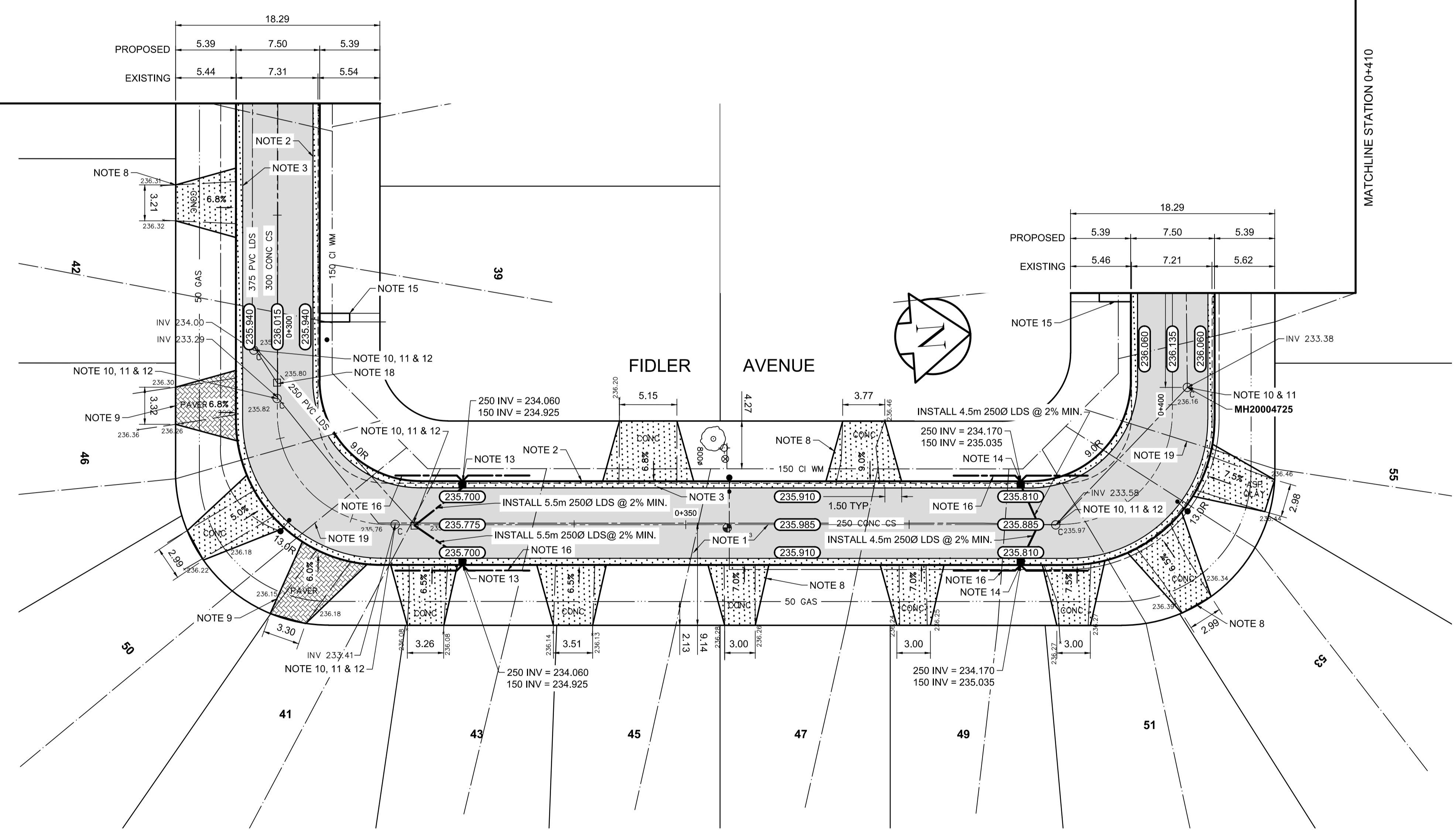


TYPICAL CROSS SECTION



REFERENCE NOTES

- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- B. BASELINE IS CENTRE LINE RIGHT-OF-WAY
- C. PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
- D. REFER TO AECOM FIELD BOOK NO. 4997

CONSTRUCTION NOTES

1. REMOVE EXISTING CONCRETE / ASPHALT PAVEMENT AND CONSTRUCT NEW ASPHALTIC PAVEMENT (100mm THICKNESS TYPE 1A)
2. CONSTRUCT NEW CONCRETE BARRIER CURB AND GUTTER (180mm HT & 600mm WIDTH)
3. CONSTRUCT NEW CONCRETE LIP CURB AND GUTTER (40mm HT. & 600mm WIDTH)
4. INSTALL NEW CONCRETE MODIFIED BARRIER CURB (150mm REVEAL HT. INTEGRAL)
5. INSTALL NEW CONCRETE RAMP CURB (8-12mm HT. INTEGRAL)
6. RENEW EXISTING 100mm CONCRETE SIDEWALK
7. CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT c/w ASPHALT OVERLAY (50mm, TYPE 1A)
8. REMOVE EXISTING CONCRETE / ASPHALT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
9. INSTALL AND REGRADE EXISTING PAVING STONES AS NECESSARY
10. ADJUST MANHOLE / CATCHBASIN TO GRADE
11. INSTALL NEW CAST IRON RISER RING
12. REMOVE EXISTING FRAME AND COVER AND INSTALL NEW FRAME AND SOLID COVER (AP-006/AP-007)
13. INSTALL NEW 1200mm CATCHBASIN (SD-024) c/w GURB AND GUTTER INLET FRAME AND COVER (AP-011/AP-012) AND CONNECT TO EXISTING CATCHBASIN
14. INSTALL NEW 1800mm CATCHBASIN (SD-024) c/w GURB AND GUTTER INLET FRAME AND COVER (AP-011/AP-012) AND CONNECT TO EXISTING 250 CONC CS
15. RENEW AND REGRADE PRIVATE SIDEWALK
16. INSTALL 150mm SUBDRAIN
17. REMOVE EXISTING STREET LIGHTS
18. REMOVE EXISTING CATCHBASIN AND ABANDON LEAD
19. INSTALL STYROFOAM WATER SERVICE INSULATION

AECOM
 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	---	---	⊙ PROFILE	---
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	---	M.T.S.	---	---	⊙ LEFT GUTTER	---
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	---	CONCRETE	---	---	⊙ RIGHT GUTTER	---
○	MANHOLE	●	---	ASPHALT	---	---	⊙ N/W PROPERTY LINE	---
□	CATCH BASIN	■	---	PROPERTY LINE	---	---	⊙ S/E PROPERTY LINE	---
▽	CATCH PIT	▽	---	SURVEY BAR	---	---		
+	JUNCTIONS	+	---	ELEVATION	235.750	---		
---	CULVERT	---	---	TREE	---	---		
---	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.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	04/10/2018	BC
A	ISSUED FOR REVIEW	03/23/2018	BC

AECOM

DESIGNED BY: JC
 CHECKED BY: BC/KWR
 DRAWN BY: JC
 APPROVED BY: _____
 HOR. SCALE: 1:250
 VERTICAL: 1:10
 RELEASED FOR CONSTRUCTION BY: _____

ENGINEER'S SEAL
K.W. RAE
 REGISTERED PROFESSIONAL ENGINEER
 CONSULTANT DRAWING NO. CT-22

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

2018 RESIDENTIAL STREET RENEWAL PROGRAM

FIDLER AVENUE - MOUNT ROYAL ROAD TO MOUNT ROYAL ROAD
 ASPHALT PAVEMENT RECONSTRUCTION
 STATION 0+280 TO STATION 0+410

CITY DRAWING NUMBER SHEET 22 OF 29