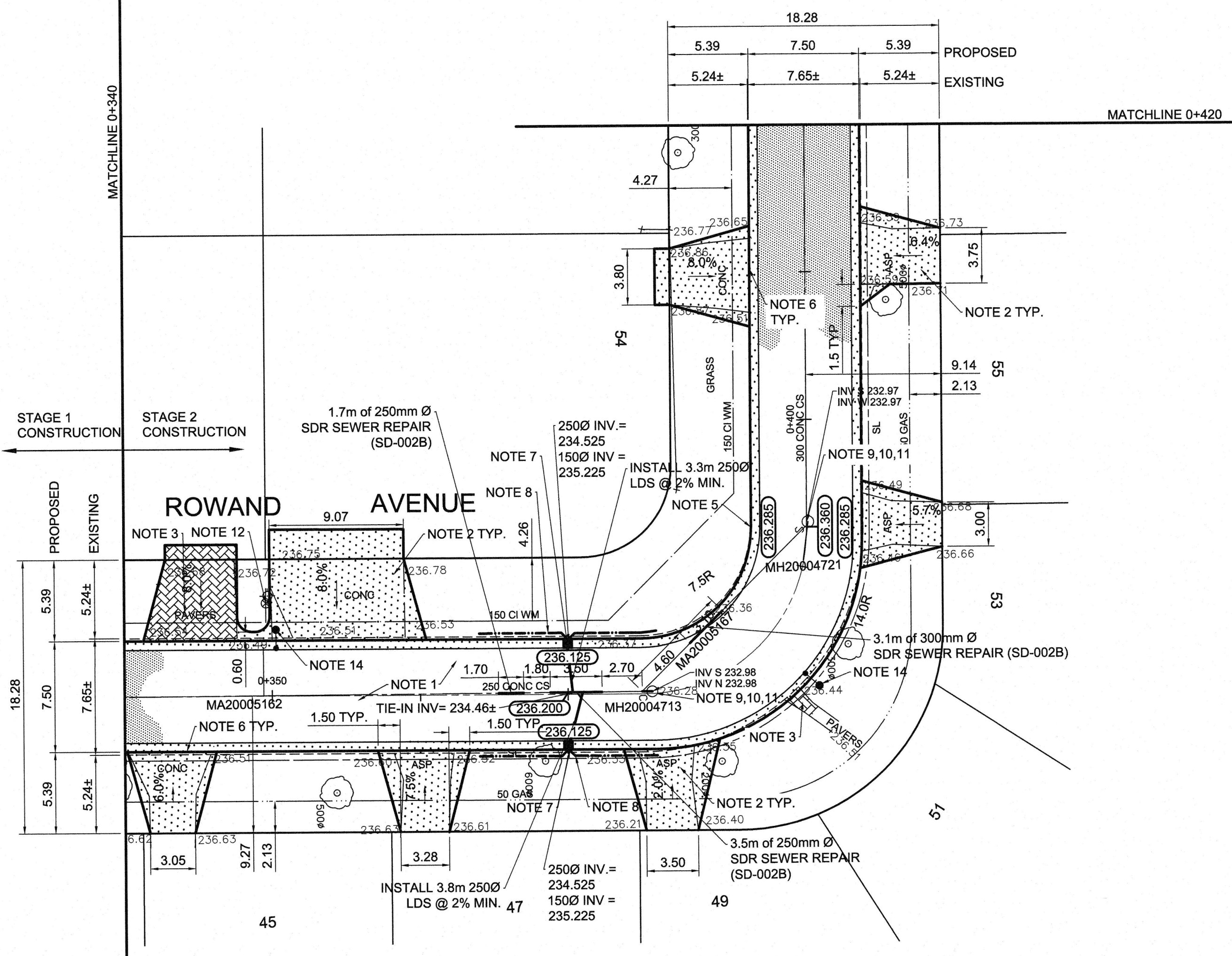


TYPICAL CROSS SECTION



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. 4909

CONSTRUCTION NOTES

1. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 100mm ASPHALTIC PAVEMENT (TYPE 1A)
2. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
3. REMOVE AND REINSTALL EXISTING PAVING STONES AND CONSTRUCT 150mm CONCRETE BARRIER CURB EDGING
4. RENEW EXISTING 100mm CONCRETE SIDEWALK
5. CONSTRUCT NEW BARRIER CURB AND GUTTER (180mm HT.)
6. CONSTRUCT NEW LIP CURB AND GUTTER (40mm HT. INTEGRAL)
7. INSTALL NEW CURB AND GUTTER INLET w/ CATCH BASIN (SD-024) AND CONNECT NEW 250mm LEAD TO EXISTING 375 CONC CS
8. INSTALL 150mm SUBDRAIN
9. REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND SOLID COVER
10. ADJUST EXISTING MANHOLE TO GRADE
11. INSTALL NEW CAST IRON RISER RING
12. ADJUST EXISTING WATER VALVE TO GRADE
13. ADJUST EXISTING CURB STOP
14. RELOCATE EXISTING LIGHT STANDARD



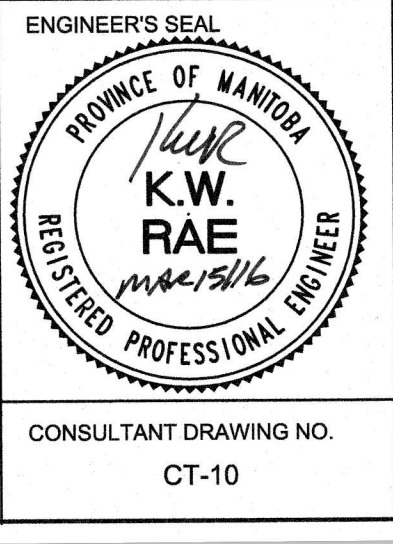
METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	M.T.S.	CONCRETE	ASPHALT	PROPERTY LINE	SURVEY BAR
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	CONCRETE	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION	(35.750)
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	CONCRETE	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION	(35.750)
○	MANHOLE	●	CONCRETE	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION	(35.750)
□	CATCH BASIN	■	CONCRETE	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION	(35.750)
▽	CATCH PIT	▽	CONCRETE	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION	(35.750)
+	JUNCTIONS	+	CONCRETE	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION	(35.750)
—	CULVERT	—	CONCRETE	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION	(35.750)
—	GAS	—	CONCRETE	ASPHALT	PROPERTY LINE	SURVEY BAR	ELEVATION	(35.750)

LOCATION APPROVED UNDERGROUND STRUCTURES	DATE
NO. REVISIONS	DATE

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	03/16/2016	BC
A	ISSUED FOR REVIEW	02/12/2016	BC

DESIGNED BY	BC	CHECKED BY	KWR
DRAWN BY	JT/JC/PB	APPROVED BY	
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10	DATE:	MAR 15/16



THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2016 LOCAL STREET RENEWAL PROGRAM

ROWAND AVENUE - MOUNT ROYAL RD TO MOUNT ROYAL RD
ASPHALT RECONSTRUCTION
STATION 0+340 TO STATION 0+420

CITY DRAWING NUMBER
SHEET 10 OF 19

CONSULTANT DRAWING NO. CT-10