

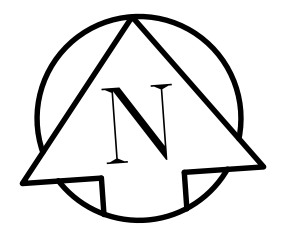
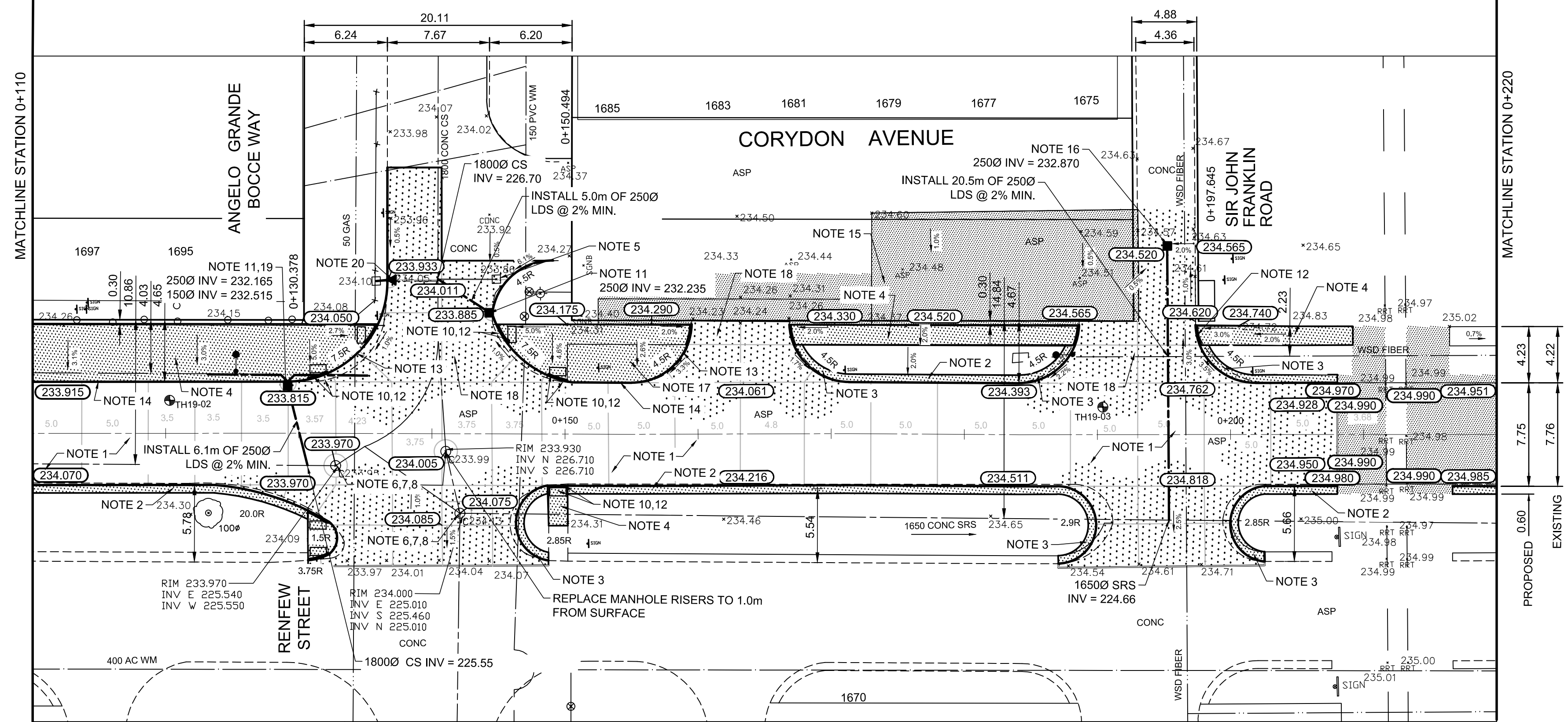
TYPICAL CROSS SECTION
N.T.S.

REFERENCE NOTES:

- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- B. BASELINE IS CENTRE LINE ROADWAY
- 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. 5031

CONSTRUCTION NOTES:

1. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 230mm PLAIN DOWELED CONCRETE PAVEMENT
2. CONSTRUCT NEW MONOLITHIC CONCRETE SPLASH STRIP (180mm HT SEPARATE)
3. CONSTRUCT NEW MODIFIED MONOLITHIC CONCRETE SPLASH STRIP (180mm HT, SEPARATE)
4. RENEW EXISTING 100mm CONCRETE SIDEWALK
5. REMOVE EXISTING CATCHBASIN/CATCHPIT AND PLUG EXISTING LEAD
6. ADJUST EXISTING CATCH BASIN/MANHOLE TO GRADE
7. REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND COVER (AP-006/AP-007)
8. INSTALL NEW CAST IRON RISER RING
9. ADJUST EXISTING WATERMAIN VALVE BOX TO GRADE
10. INSTALL NEW DETECTABLE SURFACE WARNING TILES
11. INSTALL NEW CURB AND GUTTER INLET c/w CATCHBASIN (SD-024) AND CONNECT NEW 250mm LEAD TO EXISTING 1800 CONCRETE COMBINED SEWER
12. CONSTRUCT NEW CURB RAMP (10-12mm REVEAL HT. INTEGRAL)
13. CONSTRUCT NEW MODIFIED BARRIER CURB (180mm HT. INTEGRAL)
14. CONSTRUCT NEW BARRIER CURB (180mm HT. SEPARATE)
15. CONSTRUCT NEW 75mm TYPE 1A ASPHALT PAVEMENT
16. INSTALL NEW CATCHBASIN (SD-025) AND CONNECT NEW 250mm LEAD TO EXISTING 1650 CONCRETE STORM RELIEF SEWER
17. CONSTRUCT NEW 100mm CONCRETE SIDEWALK
18. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT
19. INSTALL 150mm SUBDRAIN 6.0m ON EACH SIDE OF CATCHBASIN
20. REMOVE EXISTING CURB INLET AND INSTALL NEW CURB AND GUTTER INLET c/w CATCHPIT (SD-023) AND CONNECT TO EXISTING CATCHBASIN



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

**PRELIMINARY
NOT FOR CONSTRUCTION**

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	---	---	Q PROFILE	---
300mm L.D.S.	VALVE	300mm L.D.S.	---	M.T.S.	---	---	NORTH GUTTER	---
250mm W.W.S.	LAND DRAINAGE SEWER	250mm W.W.S.	---	CONCRETE	---	---	NORTH MEDIAN GUTTER	---
---	WASTEWATER SEWER	---	---	ASPHALT	---	---	N PROPERTY LINE	---
---	MANHOLE	---	---	PROPERTY LINE	---	---	S PROPERTY LINE	---
---	CATCH BASIN	---	---	SURVEY BAR	---	---	---	---
---	CATCH PIT	---	---	ELEVATION	(235.750)	---	---	---
---	JUNCTIONS	---	---	TREE	---	---	---	---
---	CULVERT	---	---	SIDEWALK RAMP	---	---	---	---
---	GAS	---	---	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.

B.M. 23 - N.W. COR. JOHN BREBUF & RENFEW ST., ELEV. T.B.L. IN E. CONC. FOUNDATION OF NO.1707 ST. JOHN BREBUF SCHOOL, 1.5m N. & 0.2m BELOW BRICK OF S.E. COR. OF SCHOOL. ELEVATION: 233.864

DESIGNED BY	JT	CHECKED BY	RC/KWR
DRAWN BY	JT	APPROVED BY	TBD
HOR. SCALE:	1:250	ORIGINAL SIGNED BY:	TBD
VERTICAL:	1:10	DATE	TBD

ENGINEER'S SEAL
PROVINCE OF MANITOBA
R. T. CUNNINGHAM
Member
24711
REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2019 REGIONAL STREET RENEWAL PROGRAM

CITY DRAWING NUMBER P-3507-02
SHEET 02 OF 08

CORDYON AVENUE WESTBOUND - LANARK STREET TO CORDOVA STREET
CONCRETE PAVEMENT RECONSTRUCTION
STATION 0+110 TO STATION 0+220

CONSULTANT DRAWING NO. CT-02