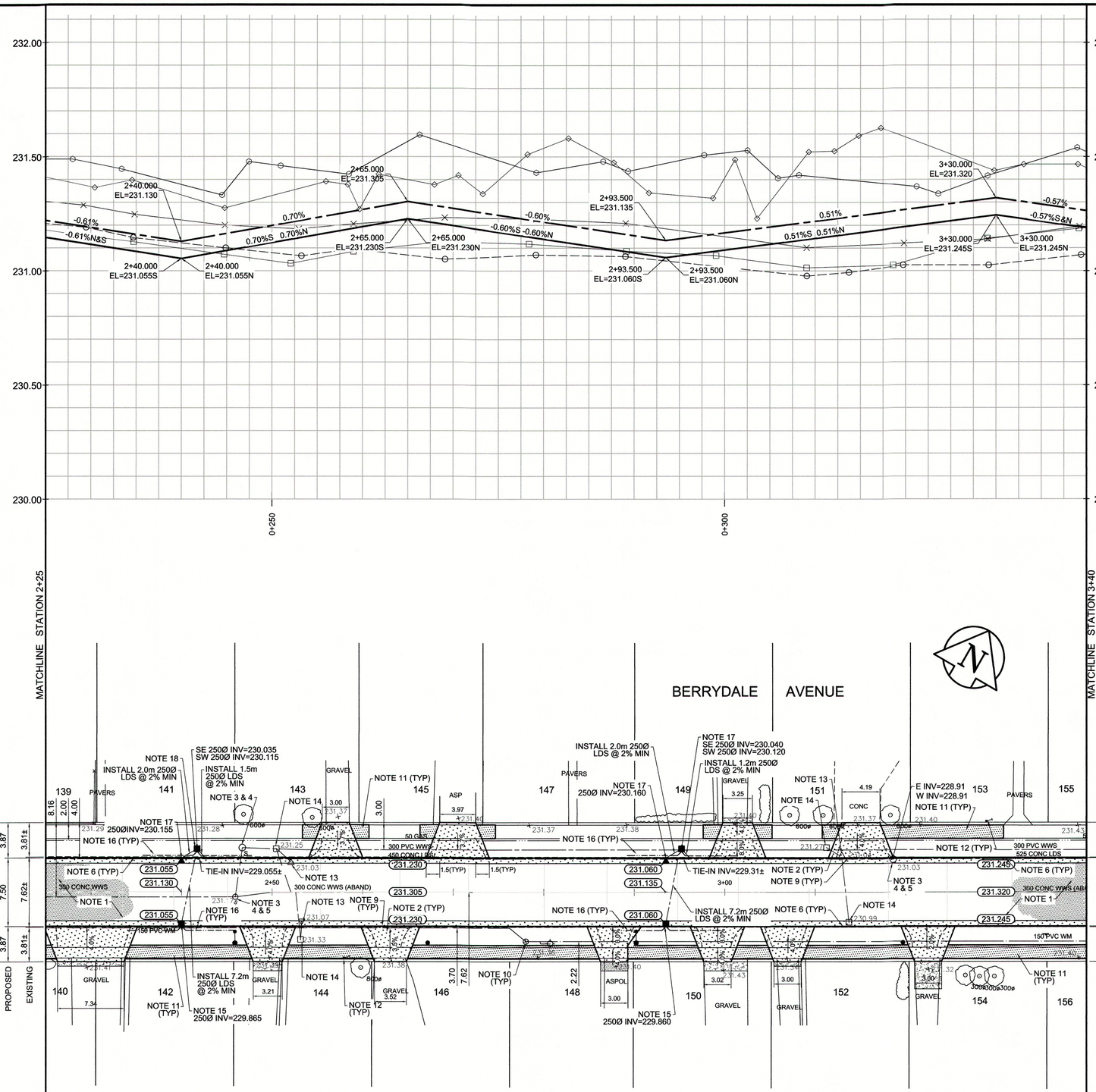

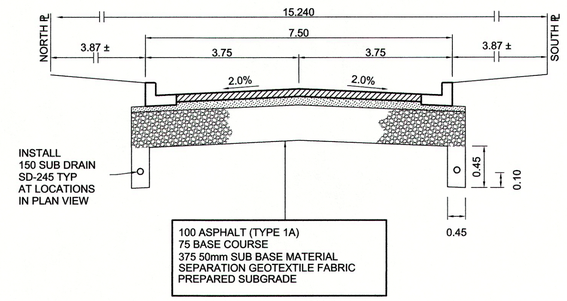

TYPICAL CROSS SECTION

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. 4814

CONSTRUCTION NOTES

1. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW ASPHALTIC PAVEMENT TYPE1A (100mm)
2. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
3. REMOVE EXISTING FRAME AND COVER AND INSTALL NEW FRAME AND COVER (AP-005 AND AP-004)
4. ADJUST EXISTING MANHOLE/CATCH BASIN TO GRADE
5. INSTALL NEW CAST IRON RISER RING
6. CONSTRUCT NEW BARRIER CURB AND GUTTER (180mm HT.)
7. CONSTRUCT NEW MODIFIED BARRIER CURB AND GUTTER (180mm HT.)
8. CONSTRUCT NEW CURB RAMP AND GUTTER (10mm HT. INTEGRAL)
9. CONSTRUCT NEW LIP CURB AND GUTTER (40mm HT. INTEGRAL)
10. ADJUST EXISTING WATER VALVE TO GRADE
11. RENEW EXISTING 100mm CONCRETE SIDEWALK
12. ADJUST EXISTING CURB STOP
13. REMOVE EXISTING INLET AND ABANDON LEAD
14. REMOVE EXISTING CATCHBASIN AND ABANDON LEAD
15. INSTALL NEW CURB AND GUTTER INLET c/w 1200 CATCHBASIN (SD-024) AND CONNECT TO EXISTING 450 CONC LDS
16. INSTALL 150mm SUBDRAINS
17. INSTALL NEW CURB AND GUTTER INLET c/w CATCHPIT (SD-023) AND CONNECT TO NEW CATCHBASIN
18. INSTALL NEW CATCHBASIN (SD-025) AND CONNECT TO EXISTING 450 CONC LDS

APEGM
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date: MAR 19/14

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	
	HYDRANT			M.T.S.			NORTH/WEST GUTTER	
	VALVE			CONCRETE			SOUTH/EAST GUTTER	
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.		ASPHALT			N/W PROPERTY LINE	
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.		PROPERTY LINE			S/E PROPERTY LINE	
	MANHOLE			SURVEY BAR				
	CATCH BASIN		235.750	ELEVATION	(35.750)			
	CATCH PIT		500ø	TREE				
	JUNCTIONS			SIDEWALK RAMP				
	CULVERT			CONCRETE SIDEWALK				
	GAS			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. 74M514 Tblt in E conc foundation of Manitoba Telephone System building #460 St. Anne's Rd, 1.7m S of NE corner of building
ELEV. 232.171

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	03/20/2014	BC
A	ISSUED FOR REVIEW	02/13/2014	BC

AECOM

DESIGNED BY	BC/SS	CHECKED BY	KWR
DRAWN BY	JT/RT	APPROVED BY	
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10		
DATE	MARCH 2014	DATE	March 19/14

ENGINEER'S SEAL
PROVINCE OF MANITOBA
K.W. RAE
MAR 19/14
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO.
CT-20

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2014 LOCAL STREET RENEWAL PROGRAM

BERRYDALE AVENUE -ST. GEORGE ROAD TO ST. ANNE'S ROAD
ASPHALT RECONSTRUCTION
STATION 2+25 TO STATION 3+40

CITY DRAWING NUMBER
SHEET 20 OF 27