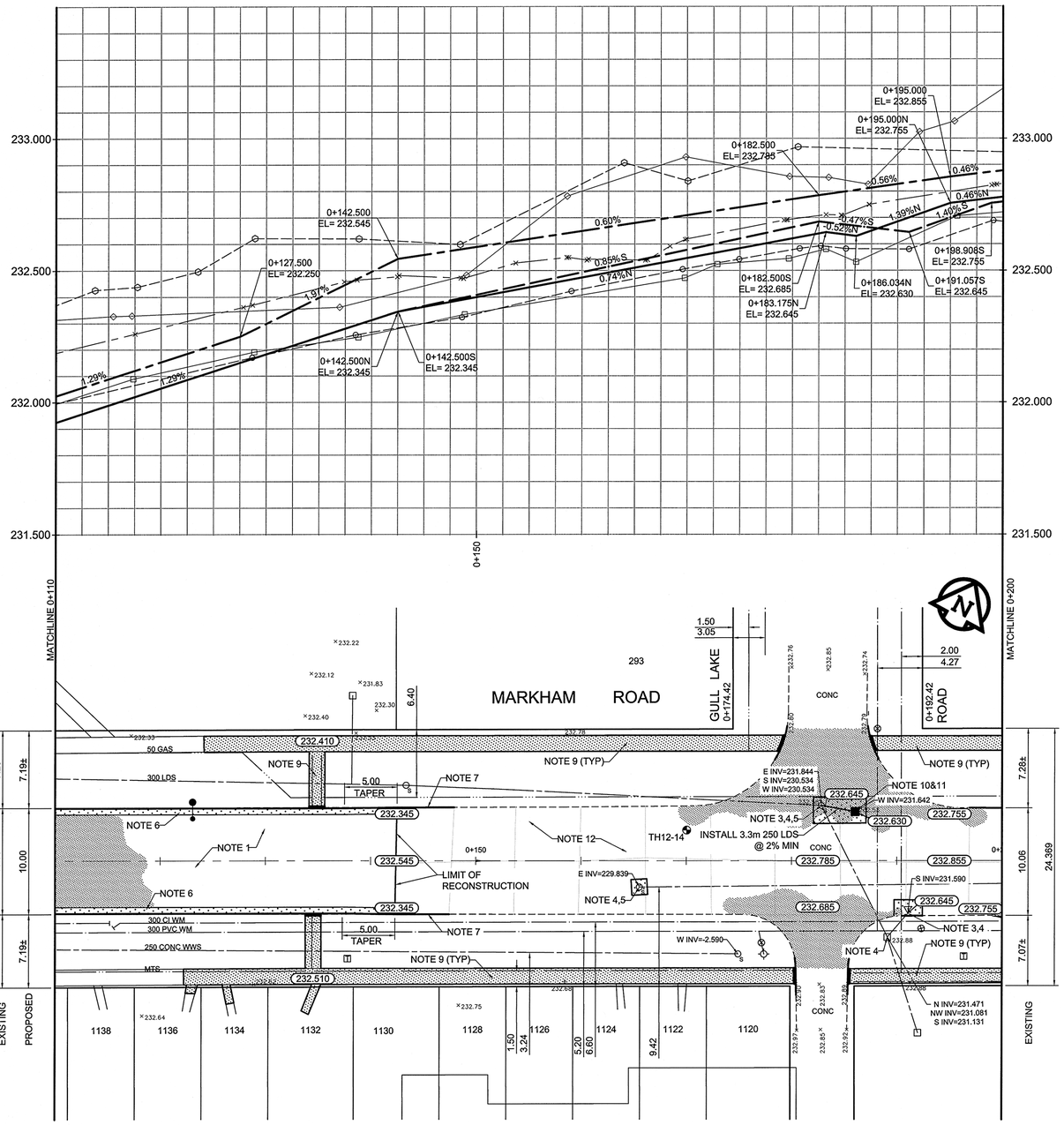

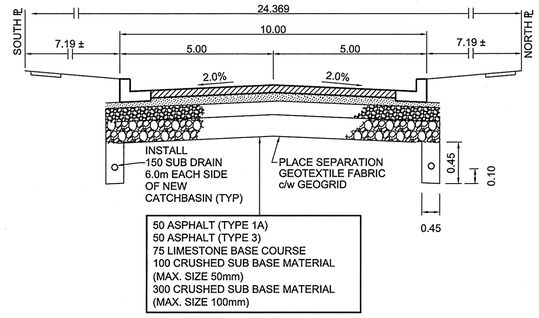

REFERENCE NOTES

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. 4752

CONSTRUCTION NOTES

1. REMOVE EXISTING CONCRETE AND PLACE NEW TYPE 3 ASPHALTIC PAVEMENT (50mm) AND PLACE NEW TYPE 1A ASPHALTIC PAVEMENT (50mm)
2. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
3. REMOVE EXISTING AND INSTALL NEW FRAME AND COVER (AP008/AP009)
4. ADJUST EXISTING MANHOLE/CATCHBASIN TO GRADE
5. INSTALL NEW CAST IRON RISER RING
6. CONSTRUCT NEW BARRIER CURB AND GUTTER (180mm HT.)
7. CONSTRUCT NEW BARRIER CURB (150mm REVEAL HT. DOWELLED)
8. ADJUST EXISTING WATER VALVE TO GRADE
9. RENEW EXISTING 100mm CONCRETE SIDEWALK
10. INSTALL NEW CATCH BASIN (SD-025) AND CONNECT TO EXISTING 250 LEAD
11. INSTALL CAST IRON RISER RING
12. PLACE NEW TYPE 1A ASPHALTIC PAVEMENT (80mm AVG)

APEGM Certificate of Authorization
AECOM Canada Ltd. No. 4671 Original dated on: Date: 05/08/2012

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			
	CURB INLET		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. 76-022 N.E. Cor. Markham Rd. & Bison Dr., Tbl. in W. Conc. foundation
ELEV. 233.014 Waverly Plaza, No. 1025 Markham Rd., 3.3 m N. & 0.1 m below of S.W. Cor. of Bldg.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	05/08/2012	BC
A	ISSUED FOR REVIEW	04/24/2012	BC

AECOM

DESIGNED BY	SS	CHECKED BY	BC/KWR
DRAWN BY	SS	APPROVED BY	
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10		
DATE	2012/04/24	DATE	May 8/12

ENGINEER'S SEAL
PROVINCE OF MANITOBA
K.W. RAE
May 8/12
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING NO. CT-20

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2012 LOCAL STREET RENEWAL PROGRAM

CITY DRAWING NUMBER

SHEET 20 OF 27

MARKHAM ROAD - CHANCELLOR DRIVE E. LEG TO GULL LAKE ROAD
PAVEMENT RECONSTRUCTION
STATION 0+110 TO STATION 0+200