

**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. 4921

**CONSTRUCTION NOTES**

- 1. PLANE EXISTING ASPHALTIC PAVEMENT AND PLACE NEW ASPHALTIC PAVEMENT TYPE 1A (AVG THICKNESS 65mm)
- 2. REMOVE EXISTING CURB AND GUTTER AND CONSTRUCT NEW BARRIER CURB AND GUTTER (450mm WIDE w/ 150mm HT.)
- 3. REMOVE EXISTING CURB AND GUTTER AND CONSTRUCT NEW MODIFIED BARRIER CURB AND GUTTER (450mm WIDE w/ 150mm HT.)
- 4. CONSTRUCT NEW CURB RAMP CURB AND GUTTER (450mm WIDE w/ 10mm HT. INTEGRAL)
- 5. RENEW EXISTING 100mm CONCRETE SIDEWALK
- 6. ADJUST EXISTING WATER VALVE TO GRADE
- 7. ADJUST EXISTING MANHOLE/CATCHBASIN TO GRADE
- 8. REMOVE EXISTING FRAME AND COVER AND INSTALL NEW FRAME AND SOLID COVER
- 9. REMOVE EXISTING CONCRETE BLOCKS
- 10. INSTALL DETECTABLE WARNING SURFACE TILE
- 11. CONSTRUCT NEW 100mm CONCRETE SIDEWALK



**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

150 mm W.M.		150 mm W.M.		HYDRO		C PROFILE	
	HYDRANT		VALVE		M.T.S.		WEST/OUTSIDE GUTTER
	LAND DRAINAGE SEWER		CONCRETE		ASPHALT		EAST/INSIDE GUTTER
	WASTEWATER SEWER		PROPERTY LINE		SURVEY BAR		N/W PROPERTY LINE
	MANHOLE		ELEVATION		TREE		S/E PROPERTY LINE
	CATCH BASIN		SIDEWALK RAMP		CONCRETE SIDEWALK		
	CATCH PIT		FENCE				
	JUNCTIONS						
	CULVERT GAS						
	EXISTING		LEGEND - PLAN		PROPOSED		EXISTING
	LEGEND - PROFILE		PROPOSED		EXISTING		LEGEND - PROFILE
	PROPOSED		EXISTING		LEGEND - PROFILE		PROPOSED

**LOCATION APPROVED UNDERGROUND STRUCTURES**

SUPV. U/G STRUCTURES COMMITTEE DATE

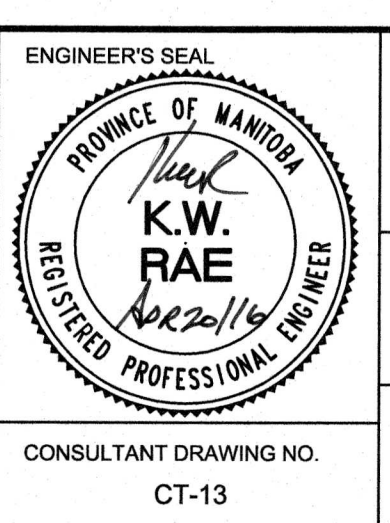
**NOTE:**  
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE. BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M. 76 - 039 84R643 NE corner Markham Rd & Forest Lake Rd. Elev. 232.450  
1.0m on pipe. 4.7m S of N Limit of Markham Rd, & 1.5m W of E Limit of Forest Lake Rd.

DESIGNED BY	SS	CHECKED BY	BC/KWR
DRAWN BY	JC/SS	APPROVED BY	
0 ISSUED FOR TENDER	04/20/2016	BC	
A ISSUED FOR REVIEW	04/15/16	BC	
NO. REVISIONS	DATE	BY	DATE

HOR. SCALE: 1:250  
VERTICAL: 1:10

RELEASED FOR CONSTRUCTION BY: *[Signature]*  
DATE: Apr 20/16



**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT  
ENGINEERING DIVISION

2016 LOCAL STREET RENEWAL PROGRAM

MARKHAM ROAD - CHANCELLOR DR. SOUTH TO FOREST LAKE DR.  
REHABILITATION / ASPHALT RECONSTRUCTION  
STATION 0+250 TO FOREST LAKE DRIVE

CITY DRAWING NUMBER: SHEET 13 OF 22

CONSULTANT DRAWING NO. CT-13