



- 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. 4978

- CONSTRUCTION NOTES**
1. CONSTRUCT NEW ASPHALTIC PAVEMENT TYPE 1A (AVG THICKNESS 85mm)
  2. PARTIAL DEPTH PLANING OF EXISTING JOINTS AND ASPHALT PATCHING OF EXISTING JOINTS USING TYPE 1A
  3. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT c/w ASPHALIC OVERLAY
  4. RENEW EXISTING 100mm CONCRETE SIDEWALK
  5. CONSTRUCT NEW BARRIER CURB (150mm REVEAL HT. SEPERATE)
  6. CONSTRUCT NEW CURB RAMP (10mm REVEAL HT. MONOLITHIC)
  7. RENEW EXISTING MODIFIED BARRIER CURB (150mm REVEAL HT, DOWELLED)
  8. PLANE EXISTING LIP CURB AND CONSTRUCT NEW BARRIER CURB (100mm REVEAL HT, DOWELLED)
  9. INSTALL NEW CURB AND GUTTER INLET c/w CATCHPIT (SD-023) AND CONNECT TO EXISTING CATCHBASIN
  10. ADJUST EXISTING MANHOLE/CATCH BASIN TO GRADE
  11. REMOVE EXISTING FRAME AND COVER AND INSTALL NEW FRAME AND SOLID COVER (AP-006 AND AP-007)
  12. INSTALL NEW CAST IRON RISER RING
  13. REMOVE EXISTING CATCHBASIN
  14. ABANDONING OF EXISTING DRAINAGE INLET
  15. ADJUST EXISTING WATER VALVE TO GRADE
  16. PLANE EXISTING ASPHALT
  17. CONSTRUCT NEW LIP CURB (40mm REVEAL HT. INTEGRAL)
  18. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT

**APEGM**  
 Certificate of Authorization  
 AECOM Canada Ltd.  
 No. 4671 Date: \_\_\_\_\_

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

150 mm W.M.	WATERMAIN	150 mm W.M.	HYDRO	— x —	—	—	—
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	CONCRETE	—	—	—	—
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	ASPHALT	—	—	—	—
—	MANHOLE	—	PROPERTY LINE	—	—	—	—
—	CATCH BASIN	—	SURVEY BAR	—	—	—	—
—	CATCH PIT	—	ELEVATION	—	—	—	—
—	JUNCTIONS	—	TREE	—	—	—	—
—	CULVERT	—	SIDEWALK RAMP	—	—	—	—
—	GAS	—	CONCRETE SIDEWALK	—	—	—	—
—	EXISTING	—	FENCE	—	—	—	—
—	LEGEND - PLAN	—	LEGEND - PLAN	—	—	—	—
—	PROPOSED	—	PROPOSED	—	—	—	—
—	EXISTING	—	EXISTING	—	—	—	—
—	LEGEND - PROFILE	—	LEGEND - PROFILE	—	—	—	—
—	PROPOSED	—	PROPOSED	—	—	—	—
—	EXISTING	—	EXISTING	—	—	—	—

**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. 32-055	84R761 - N side Fernor Ave. & Speers Rd., Tbt. on top of 0.05 m dia. x 2.4 m iron pipe, 9.1 m S. of N.L.	ELEV. 232.140
NO.	REVISIONS	DATE BY
0	ISSUED FOR TENDER	05/10/17 BC
A	ISSUED FOR REVIEW	05/01/17 BC

**AECOM**

DESIGNED BY	JT	CHECKED BY	TWR/BC
DRAWN BY	BC/PB	APPROVED BY	
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION BY:	
VERTICAL:	1:10	DATE	

ENGINEER'S SEAL  
 PROVINCE OF MANITOBA  
**K.W. RAE**  
 REGISTERED PROFESSIONAL ENGINEER

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

2017 LOCAL STREET RENEWAL PROGRAM

SPEERS ROAD - CRESTWOOD CRESCENT / COTTONWOOD ROAD

PAVEMENT REHABILITATION  
 STATION 0+340 TO STATION 0+450

CITY DRAWING NUMBER  
 SHEET 13 OF 27

CONSULTANT DRAWING NO.  
 CT-13