



- REFERENCE NOTES:**
- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
  - BASELINE IS CENTRE LINE ROADWAY
  - PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
  - REFER TO AECOM FIELD BOOK NO. 5054
- CONSTRUCTION NOTES:**
- REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT c/w ASPHALT OVERLAY (95mm AVG. THICKNESS)
  - CONSTRUCT NEW CONCRETE BARRIER CURB (100mm HT. SEPARATE)
  - RENEW 100mm CONCRETE SIDEWALK
  - ADJUST EXISTING CATCH BASIN / MANHOLE TO GRADE
  - REMOVE EXISTING FRAME AND COVER AND PLACE NEW STANDARD MANHOLE FRAME AND COVER (AP-007/AP-008)
  - INSTALL NEW CAST IRON RISER RING
  - REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND COVER (AP-011/AP-012)
  - CONSTRUCT NEW ASPHALTIC PAVEMENT TYPE 1A (95mm AVG. THICKNESS)
  - ADJUST EXISTING WATER VALVE TO GRADE
  - INSTALL NEW CURB AND GUTTER INLET c/w CATCH BASIN (SD-024) AND CONNECT TO EXISTING LEAD
  - REMOVE EXISTING CATCH BASIN/ CATCH PIT
  - REPLACE EXISTING MANHOLE AND PLACE NEW STANDARD MANHOLE (SD-010)

**ENGINEERS  
GEOSCIENTISTS  
MANITOBA**  
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 —	PROFILE
◇	HYDRANT	◆	M.T.S.	— x —	NORTH GUTTER
⊙	VALVE	⊙	CONCRETE	— x —	SOUTH GUTTER
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	ASPHALT	— x —	N PROPERTY LINE
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE	— x —	S PROPERTY LINE
○	MANHOLE	⊕	SURVEY BAR	— x —	
□	CATCH BASIN	235.750	ELEVATION	(235.750)	
▽	CATCH PIT	⊙300#	TREE		
— x —	JUNCTIONS	— x —	SIDEWALK RAMP		
— x —	CULVERT	— x —	CONCRETE SIDEWALK		
— x —	GAS	— x —	FENCE		
EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	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.	35 - N.E. COR. CHURCH AVE. & BUNTING ST.,
ELEV.	TBLT. IN E. CONC. FOUNDATION NO. 1375
	CHURCH AVE., 1.5m N. & 0.2m BELOW SCORED
	CONC. BLOCK WALL OF S.E. COR. OF BLDG.
	ELEVATION: 231.564
NO.	REVISIONS
	DATE
	BY
	DATE
	02/14/20

<b>AECOM</b>	
DESIGNED BY	JT
CHECKED BY	BC/RC
DRAWN BY	JT
APPROVED BY	
HOR. SCALE:	1:250
VERTICAL:	1:10
ORIGINAL SIGNED BY:	
CONSULTANT DRAWING NO.	CT-04
DATE	

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

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

2020 RESIDENTIAL STREET  
RENEWAL PROGRAM

BANNERMAN AVE. - DUKE ST. TO MCPHILLIPS ST.  
ASPHALT PAVEMENT REHABILITATION  
STATION 0+190 TO STATION 0+300

CITY DRAWING NUMBER  
SHEET 04 OF 16