



REFERENCE NOTES:

- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- B. BASELINE IS CENTRE LINE ROADWAY
- 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. 5054

CONSTRUCTION NOTES:

1. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT c/w ASPHALT OVERLAY (95mm AVG. THICKNESS)
2. CONSTRUCT NEW CONCRETE BARRIER CURB (100mm REVEAL HT. SEPARATE)
3. RENEW 100mm CONCRETE SIDEWALK
4. ADJUST EXISTING CATCH PIT/MANHOLE TO GRADE
5. REMOVE EXISTING FRAME AND COVER AND PLACE NEW STANDARD MANHOLE FRAME AND COVER (AP-007 / AP-008)
6. INSTALL NEW CAST IRON RISER RING
7. REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND COVER (AP-011/AP-012)
8. CONSTRUCT NEW ASPHALTIC PAVEMENT TYPE 1A (95mm AVG. THICKNESS)
9. ADJUST EXISTING WATER VALVE TO GRADE
10. CONSTRUCT NEW CURB RAMP (10-12mm HT. MONOLITHIC)
11. CONSTRUCT NEW MODIFIED BARRIER CURB (150mm REVEAL HT. SEPARATE)
12. INSTALL NEW CURB AND GUTTER INLET c/w CATCH BASIN (SD-024) AND CONNECT TO EXISTING LEAD
13. INSTALL NEW CURB AND GUTTER INLET c/w CATCH BASIN (SD-024) AND CONNECT TO 300 CONCRETE COMBINED SEWER
14. REMOVE EXISTING CATCH BASIN AND PLUG LEAD

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	— — — — —	— — — — —	— — — — —	— — — — —
◇	HYDRANT	◆	M.T.S.	— — — — —	— — — — —	— — — — —	— — — — —
⊙	VALVE	⊙	CONCRETE	— — — — —	— — — — —	— — — — —	— — — — —
⊕	LAND DRAINAGE SEWER	⊕	ASPHALT	— — — — —	— — — — —	— — — — —	— — — — —
⊖	WASTEWATER SEWER	⊖	PROPERTY LINE	— — — — —	— — — — —	— — — — —	— — — — —
○	MANHOLE	○	SURVEY BAR	— — — — —	— — — — —	— — — — —	— — — — —
□	CATCH BASIN	□	ELEVATION (235.750)	— — — — —	— — — — —	— — — — —	— — — — —
▽	CATCH PIT	▽	TREE	— — — — —	— — — — —	— — — — —	— — — — —
+	JUNCTIONS	+	SIDEWALK RAMP	— — — — —	— — — — —	— — — — —	— — — — —
—	CULVERT	—	CONCRETE SIDEWALK	— — — — —	— — — — —	— — — — —	— — — — —
—	GAS	—	FENCE	— — — — —	— — — — —	— — — — —	— — — — —
—	EXISTING	—	LEGEND - PLAN	— — — — —	— — — — —	— — — — —	— — — — —
—	LEGEND - PLAN	—	PROPOSED	— — — — —	— — — — —	— — — — —	— — — — —
—	EXISTING	—	LEGEND - PROFILE	— — — — —	— — — — —	— — — — —	— — — — —
—	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
0	ISSUED FOR TENDER 04/24/20 BC
A	ISSUED FOR 100% REVIEW 03/17/20 BC
DATE	DATE
02/14/20	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
 DUKE STREET TO STATION 0+190

CITY DRAWING NUMBER
 SHEET 03 OF 16

CONSULTANT DRAWING NO.
 CT-03