



- 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. 5074
- CONSTRUCTION NOTES:**
- REMOVE EXISTING CONCRETE/ASPHALT PAVEMENT AND CONSTRUCT NEW ASPHALTIC PAVEMENT (50mm THICK TYPE 1A AND 70mm THICK TYPE 3).
  - REMOVE EXISTING CONCRETE/ASPHALT PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT.
  - ADJUST EXISTING MANHOLE / CATCH BASIN TO GRADE
  - INSTALL NEW CAST IRON RISER RING.
  - REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
  - RENEW 100mm CONCRETE SIDEWALK
  - REMOVE EXISTING FRAME AND COVER AND INSTALL NEW FRAME AND COVER (AP-004 / AP-006) c/w NEW CATCH BASIN (SD-0024) AND CONNECT TO 600 CONC LDS.
  - REMOVE EXISTING FRAME AND COVER AND INSTALL NEW FRAME AND COVER (AP-008 / AP-009).
  - INSTALL NEW DETECTABLE WARNING TILE.
  - REMOVE CURB RAMP AND CONSTRUCT NEW CONCRETE CURB RAMP (10-12mm HT. REVEAL, INTEGRAL).
  - REMOVE FRAME AND COVER AND PLACE NEW STANDARD MANHOLE FRAME AND COVER.
  - CONSTRUCT NEW CONCRETE BULL NOSE.
  - ADJUST WATER VALVE TO GRADE.
  - INSTALL 150mm SUB-DRAIN 6.0m ON EACH SIDE OF CATCH BASIN.

**ENGINEERS  
GEO-SCIENTISTS  
MANITOBA**  
Certificate of Authorization  
AECOM Canada Ltd.  
No. 4671 Date: \_\_\_\_\_

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

150mm W.M.	WATERMAIN	150mm W.M.	HYDRO	— x —	Q PROFILE
Hydrant symbol	HYDRANT	Hydrant symbol	M.T.S.	North gutter symbol	NORTH GUTTER
Valve symbol	VALVE	Valve symbol	CONCRETE	South gutter symbol	SOUTH GUTTER
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.	ASPHALT	N PROPERTY LINE	N PROPERTY LINE
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.	PROPERTY LINE	S PROPERTY LINE	S PROPERTY LINE
Manhole symbol	MANHOLE	Survey bar symbol	SURVEY BAR	GLASS GRID	GLASS GRID
Catch basin symbol	CATCH BASIN	235.750	ELEVATION		
Catch pit symbol	CATCH PIT	Tree symbol	TREE		
Junctions symbol	JUNCTIONS	Sidewalk ramp symbol	SIDEWALK RAMP		
Culvert symbol	CULVERT	Concrete sidewalk symbol	CONCRETE SIDEWALK		
Gas symbol	GAS	Fence symbol	FENCE		
Existing symbol	LEGEND - PLAN	Proposed symbol	LEGEND - PLAN	Existing symbol	LEGEND - PROFILE
Proposed symbol	PROPOSED	Existing symbol	LEGEND - PROFILE	Proposed symbol	PROPOSED

**LOCATION APPROVED UNDERGROUND STRUCTURES**

SUPV. UG 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. 84R723 - N.E. COR. MOORE AVE. & PULBERRY ST. TBLT. ELEV. ON TOP OF 0.05m DIA. x 2.4m IRON PIPE, 3.05m S. OF N.L. OF MOORE AVE & ON E.L. OF PULBERRY ST. ELEVATION: 231.197

ISSUED FOR ADDENDUM	01/26/2021	BC
ISSUED FOR TENDER	01/21/2021	BC
ISSUED FOR REVIEW	12/18/2020	BC

NO. REVISIONS DATE BY

**AECOM**

DESIGNED BY	JA	CHECKED BY	BC
DRAWN BY	AA	APPROVED BY	RC
HOR. SCALE:	1:250	ORIGINAL SIGNED BY:	
VERTICAL:	1:10	DATE	2020/12/11

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

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

**2021 RESIDENTIAL STREET RENEWAL PROGRAM**

ALLEY - PULBERRY STREET TO ST. MARY'S ROAD  
ASPHALT PAVEMENT REHABILITATION  
STA. 0+220 TO ST. MARY'S ROAD

CITY DRAWING NUMBER  
SHEET 33 OF 33

CONSULTANT DRAWING NO. CT-33