OPTION - 1
50 - ASPHALT (TYPE 1A)
70 - ASPHALT (TYPE 3)
100 - GRANULAR B BASE COURSE (LIMESTONE)
250 - 100m GRANULAR B SUB BASE (LIMESTONE)
SEPARATION FABRIC:
GEOGRID AND GEOTEXTILE FABRIC

OR

OPTION - 2
50 - ASPHALT (TYPE 1A)
70 - ASPHALT (TYPE 3)
100 - GRANULAR B BASE COURSE (LIMESTONE)
325 - 100m GRANULAR B INTERIM SUB BASE (RCA)
SEPARATION FABRIC:
GEOGRID AND GEOTEXTILE FABRIC

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. 5074

CONSTRUCTION NOTES:

1. REMOVE EXISTING CONCRETE/ASPHALT PAVEMENT AND CONSTRUCT NEW ASPHALTIC PAVEMENT (50mm THICK TYPE 1A AND 70mm THICK TYPE 3).
2. REMOVE EXISTING CONCRETE/ASPHALT PAVEMENT AND CONSTRUCT NEW 200mm REINFORCED CONCRETE PAVEMENT.
3. ADJUST EXISTING MANHOLE / CATCH BASIN TO GRADE
4. INSTALL NEW CAST IRON RISER RING.
5. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
6. RENEW 100mm CONCRETE SIDEWALK
7. 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.
8. REMOVE EXISTING FRAME AND COVER AND INSTALL NEW FRAME AND COVER (AP-008 / AP-009).
9. INSTALL NEW DETECTABLE WARNING TILE.
10. REMOVE CURB RAMP AND CONSTRUCT NEW CONCRETE CURB RAMP (10-12mm HT. REVEAL, INTEGRAL).
11. REMOVE FRAME AND COVER AND PLACE NEW STANDARD MANHOLE FRAME AND COVER.
12. CONSTRUCT NEW CONCRETE BULL NOSE.
13. ADJUST WATER VALVE TO GRADE.
14. INSTALL 150mm SUB-DRAIN 6.0m ON EACH SIDE OF CATCH BASIN.

ENGINEERS GEOSCIENTISTS MANITOBA
Certificate of Authorization
AECOM Canada Ltd.
No. 4671 Date:_____

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
150 mm W.M.	WATERMAIN	150 mm W.M.		HYDRO			℄ PROFILE	
	HYDRANT			M.T.S.			NORTH GUTTER	
	VALVE			CONCRETE			SOUTH GUTTER	
300mm L.D.S.	LAND DRAINAGE SEWER	300mm L.D.S.		ASPHALT			N PROPERTY LINE	
250mm W.W.S.	WASTEWATER SEWER	250mm W.W.S.		PROPERTY LINE			S PROPERTY LINE	
	MANHOLE			SURVEY BAR			GLASS GRID	
	CATCH BASIN		235.750	ELEVATION	000.000			
	CATCH PIT		500ø	TREE				
	JUNCTIONS			SIDEWALK RAMP				
	CULVERT			CONCRETE SIDEWALK				
	GAS			FENCE				

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. 84R723 - N.E. COR. MOORE AVE. & PULBERRY ST. TBLT. 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.
ELEV. ELEVATION: 231.197

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	01/21/2021	BC
A	ISSUED FOR REVIEW	12/18/2020	BC

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	DATE	

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

CONSULTANT DRAWING NO.
CT-33

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2021 RESIDENTIAL STREET RENEWAL PROGRAM

CITY DRAWING NUMBER

SHEET 33 OF 33

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