



- 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. 5058

- CONSTRUCTION NOTES:**
- REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT *clw* ASPHALT OVERLAY (95mm THICKNESS)
 - CONSTRUCT NEW CONCRETE BARRIER CURB (100mm REVEAL HT. SEPARATE)
 - RENEW EXISTING 100mm CONCRETE SIDEWALK
 - ADJUST EXISTING CATCH BASIN/MANHOLE TO GRADE
 - INSTALL NEW CURB AND GUTTER INLET *clw* CATCH BASIN (SD-024) AND CONNECT TO EXISTING 300 CS
 - CONSTRUCT NEW ASPHALTIC PAVEMENT TYPE 1A (AVG. THICKNESS 95mm)
 - REMOVE EXISTING CATCH BASIN AND ABANDON LEAD
 - CONSTRUCT NEW MODIFIED BARRIER CURB (150mm REVEAL HT. DOWELED)
 - CONSTRUCT NEW CURB RAMP (10-12mm HT. MONOLITHIC)
 - INSTALL NEW DETECTIBLE WARNING TILE

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 | HYDRANT | Valve | M.T.S. | North Gutter | NORTH GUTTER |
| Valve | VALVE | Manhole | CONCRETE | South Gutter | SOUTH GUTTER |
| Land Drainage Sewer | LAND DRAINAGE SEWER | Catch Basin | ASPHALT | N Property Line | N PROPERTY LINE |
| Wastewater Sewer | WASTEWATER SEWER | Catch Pit | PROPERTY LINE | S Property Line | S PROPERTY LINE |
| Manhole | MANHOLE | Junctions | SURVEY BAR | | |
| Catch Basin | CATCH BASIN | Culvert | ELEVATION (235.750) | | |
| Catch Pit | CATCH PIT | Gas | TREE | | |
| Junctions | JUNCTIONS | Existing Legend - Plan | SIDEWALK RAMP | Existing Legend - Profile | PROPOSED |
| Culvert | CULVERT | Proposed Legend - Plan | CONCRETE SIDEWALK | Proposed Legend - Profile | PROPOSED |
| Gas | GAS | Proposed Legend - Profile | FENCE | | |
| Existing Legend - Plan | PROPOSED | Existing Legend - Profile | | | |

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. 26 - N.W. COR. MACHRAY AVE. & ROBERTSON ELEV. ST., TBLT. IN MOST ELY. CONC. FOUNDATION OF NO. 550 ROBERTSON ST., 1m N. & 0.2m BELOW CONC. BLOCK OF MOST S.E. COR. OF SCHOOL ELEVATION: 232.486

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|-----|------------------------|----------|----|
| NO. | ISSUED FOR TENDER | 04/24/20 | BC |
| A | ISSUED FOR 100% REVIEW | 03/17/20 | BC |
| NO. | REVISIONS | DATE | BY |

AECOM

| | | | |
|-------------|-------|---------------------|----------|
| DESIGNED BY | JA | CHECKED BY | BC/RC |
| DRAWN BY | DA | APPROVED BY | |
| HOR. SCALE: | 1:250 | ORIGINAL SIGNED BY: | |
| VERTICAL: | 1:10 | DATE | 02/14/20 |

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

CATHEDRAL AVE - RAIL CROSSING E. OF SINCLAIR TO ARLINGTON ST. ASPHALT PAVEMENT REHABILITATION STATION 0+220 TO ARLINGTON ST.

CITY DRAWING NUMBER SHEET 10 OF 16