



- REFERENCE NOTES**
- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
 - BASELINE IS CENTRE LINE RIGHT-OF-WAY
 - PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
 - REFER TO AECOM FIELD BOOK NO. 4918
- CONSTRUCTION NOTES**
- REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 100mm ASPHALTIC PAVEMENT (TYPE 1A)
 - REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT
 - REMOVE AND REINSTALL EXISTING PAVING STONES AND CONSTRUCT 150mm CONCRETE BARRIER CURB EDGING
 - RENEW EXISTING 100mm CONCRETE SIDEWALK
 - CONSTRUCT NEW BARRIER CURB AND GUTTER (180mm HT.)
 - CONSTRUCT NEW LIP CURB AND GUTTER (40mm HT. INTEGRAL)
 - INSTALL NEW CURB AND GUTTER INLET c/w 1200mm CATCH BASIN (SD-024) AND CONNECT NEW 250mm LEAD TO EXISTING 750 CONC LDS
 - INSTALL NEW CURB AND GUTTER INLET c/w CATCH PIT (SD-023) AND CONNECT NEW 250mm LEAD TO EXISTING CATCHBASIN
 - REMOVE EXISTING FRAME AND COVER AND PLACE NEW FRAME AND SOLID COVER (AP-004 & AP-005)
 - ADJUST EXISTING MANHOLE TO GRADE
 - INSTALL NEW CAST IRON RISER RING
 - ADJUST EXISTING WATER VALVE TO GRADE
 - ADJUST EXISTING CURB STOP
 - REMOVE EXISTING LIGHT STANDARD AND INSTALL NEW LIGHT STANDARD
 - ADJUST EXISTING PATIO BLOCKS
 - CONSTRUCT NEW RAMP CURB AND GUTTER (10mm HT. INTEGRAL)
 - CONSTRUCT NEW MODIFIED BARRIER CURB AND GUTTER (180mm HT.)
 - REMOVE EXISTING INLET AND PLUG LEAD

AECOM
 Certificate of Authorization
 AECOM Canada Ltd.
 No. 4671 Date: April 12/16

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 | --- | X | C PROFILE | --- |
| Hydrant | HYDRANT | Hydrant | --- | M.T.S. | --- | □ | NORTH/WEST GUTTER | --- |
| Valve | VALVE | Valve | --- | CONCRETE | --- | □ | SOUTH/EAST GUTTER | --- |
| 300mm L.D.S. | LAND DRAINAGE SEWER | 300mm L.D.S. | --- | ASPHALT | --- | ◇ | N/W PROPERTY LINE | --- |
| 250mm W.W.S. | WASTEWATER SEWER | 250mm W.W.S. | --- | PROPERTY LINE | --- | ○ | S/E PROPERTY LINE | --- |
| Manhole | MANHOLE | Manhole | ○ | SURVEY BAR | ○ | | | |
| Catch Basin | CATCH BASIN | Catch Basin | □ | ELEVATION | (35.750) | | | |
| Catch Pit | CATCH PIT | Catch Pit | ▽ | TREE | ○ | | | |
| Junctions | JUNCTIONS | Junctions | + | SIDEWALK RAMP | --- | | | |
| Culvert | CULVERT | Culvert | ▭ | CONCRETE SIDEWALK | --- | | | |
| Gas | GAS | 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. 54 - 037 84R737 NE corner of St Anne's Rd & Wingham Ave. Tilt on pipe, 2.7m W of E Limit of St Anne's Rd & 3.6m N of N Limit of Wingham Ave

| | | | |
|-------------|----------|-------------------------------|-------------|
| DESIGNED BY | BC | CHECKED BY | KWR/BC |
| DRAWN BY | JC/PB/RT | APPROVED BY | |
| HOR. SCALE: | 1:250 | RELEASED FOR CONSTRUCTION BY: | |
| VERTICAL: | 1:10 | DATE: | April 12/16 |

ENGINEER'S SEAL
 PROVINCE OF MANITOBA
K.W. RAE
 REGISTERED PROFESSIONAL ENGINEER

THE CITY OF WINNIPEG
 PUBLIC WORKS DEPARTMENT
 ENGINEERING DIVISION

2016 LOCAL STREET RENEWAL PROGRAM

PORTLAND AVENUE: NEEPAWA STREET TO ST GEORGE ROAD
 ASPHALT RECONSTRUCTION
 STATION 0+220 TO STATION 0+360

CITY DRAWING NUMBER
 SHEET 4 OF 11