



**REFERENCE NOTES:**

- A. PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- B. PROPERTY LINES OBTAINED FROM CITY OF WINNIPEG L.B.I.S., AND NO SCALE FACTOR WAS APPLIED
- C. REFER TO AECOM FIELD BOOK NO. 5162

**CONSTRUCTION NOTES:**

1. MILL EXISTING ASPHALT PAVEMENT AND PLACE NEW ASPHALT PAVEMENT OVERLAY TYPE 1A (85mm AVERAGE THICKNESS)
2. REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 150mm REINFORCED CONCRETE PAVEMENT c/w ASPHALT PAVEMENT OVERLAY TYPE 1A (60mm AVERAGE)
3. CONSTRUCT NEW CONCRETE BARRIER CURB (100-150mm HT. SEPARATE)
4. RENEW EXISTING CONCRETE BARRIER CURB (100mm HT. DOWELED)
5. RENEW EXISTING CURB RAMP (10-12mm HT. MONOLITHIC)
6. REMOVE EXISTING BARRIER CURB AND INSTALL NEW MODIFIED BARRIER CURB (150mm HT. DOWELED)
7. RENEW EXISTING 100mm CONCRETE SIDEWALK
8. INSTALL NEW CURB AND GUTTER INLET c/w CATCHPIT (SD-023) AND CONNECT NEW 250mm LEAD TO EXISTING LEAD, MAINLINE LDS AND / OR MANHOLE
9. REMOVE EXISTING CATCH BASIN / CATCH PIT, CURB INLET AND ABANDON LEAD
10. INSTALL NEW CAST IRON RISER RING
11. ADJUST EXISTING MANHOLE / CATCH BASIN / CATCH PIT TO GRADE
12. REMOVE EXISTING FRAME AND COVER AND PLACE NEW STANDARD FRAME AND SOLID COVER (AP-006 / AP-007)
13. INSTALL PAVEMENT REPAIR FABRIC ON FULL ROAD
14. INSTALL NEW CURB AND GUTTER INLET c/w CATCHBASIN (SD-024) AND CONNECT NEW 250mm LEAD TO 300mm LDS
15. REPLACE RISER 0.0-3.6m, GROUT CRACKS AND SURFACE WEAR FROM 3.6-5.7m

**ENGINEERS  
GEOLOGISTS  
MANITOBA**  
Certificate of Authorization  
AECOM Canada Ltd.  
No. 4671 Date: 16/04/2024

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

|             |                     |             |                   |                   |          |                        |
|-------------|---------------------|-------------|-------------------|-------------------|----------|------------------------|
| 150 mm W.M. | WATERMAIN           | 150 mm W.M. | HYDRO             | HYDRO             | PROFILE  | LOCATION APPROVED      |
| ◇           | HYDRANT             | ◆           | M.T.S.            | M.T.S.            | — X —    | UNDERGROUND STRUCTURES |
| ⊙           | VALVE               | ⊙           | CONCRETE          | CONCRETE          | — □ —    |                        |
| ⊕           | LAND DRAINAGE SEWER | ⊕           | ASPHALT           | ASPHALT           | — ○ —    |                        |
| ⊖           | WASTEWATER SEWER    | ⊖           | PROPERTY LINE     | PROPERTY LINE     | — ◇ —    |                        |
| ○           | MANHOLE             | ○           | SURVEY BAR        | SURVEY BAR        | — ○ —    |                        |
| □           | CATCH BASIN         | ■           | ELEVATION         | ELEVATION         | — ○ —    |                        |
| ▽           | CATCH PIT           | ▽           | TREE              | TREE              | — ○ —    |                        |
| ↑           | TRAFFIC SIGNAL POLE | ↑           | SIDEWALK RAMP     | SIDEWALK RAMP     | — ○ —    |                        |
| ↑           | STREET LIGHT        | ↑           | CONCRETE SIDEWALK | CONCRETE SIDEWALK | — ○ —    |                        |
| ↑           | GAS                 | ↑           | FENCE             | FENCE             | — ○ —    |                        |
| EXISTING    | LEGEND - PLAN       | PROPOSED    | EXISTING          | LEGEND - PLAN     | PROPOSED | EXISTING               |
| EXISTING    | LEGEND - PROFILE    | PROPOSED    | EXISTING          | LEGEND - PROFILE  | PROPOSED | EXISTING               |

**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 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. ELEV.         | Zone: 36, # 98 - E. side Downing Str., N of Yarwood Ave., Tbt. in S. Conc. Foundation No. 1237 Downing Str., 1.0 m E. & 0.4 m below siding of S.W. Corn. of Dwelling. |            |    |
| ELEVATION: 232.925 |   |            |    |
| NO.                | REVISIONS   | DATE       | BY |
| 1                  | ADDENDUM 2  | 16/04/2024 | BC |
| 0                  | ISSUED FOR TENDER   | 03/04/2024 | BC |

**AECOM**

|             |       |                               |            |
|-------------|-------|-------------------------------|------------|
| DESIGNED BY | JT    | CHECKED BY                    | BC         |
| DRAWN BY    | JT    | APPROVED BY                   | RC         |
| HOR. SCALE: | 1:250 | RELEASED FOR CONSTRUCTION BY: |            |
| VERTICAL:   | 1:10  | DATE                          | 01/03/2024 |

ENGINEER'S SEAL  
CONSULTANT DRAWING NO. CT-17

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

2024 LOCAL STREET RENEWAL PROGRAM  
YARWOOD AVENUE

ASPHALT PAVEMENT REHABILITATION  
STATION 0+260 TO BACK LANE EAST OF LIPTON STREET  
PLAN/PROFILE

CITY DRAWING NUMBER  
SHEET 17 OF 27