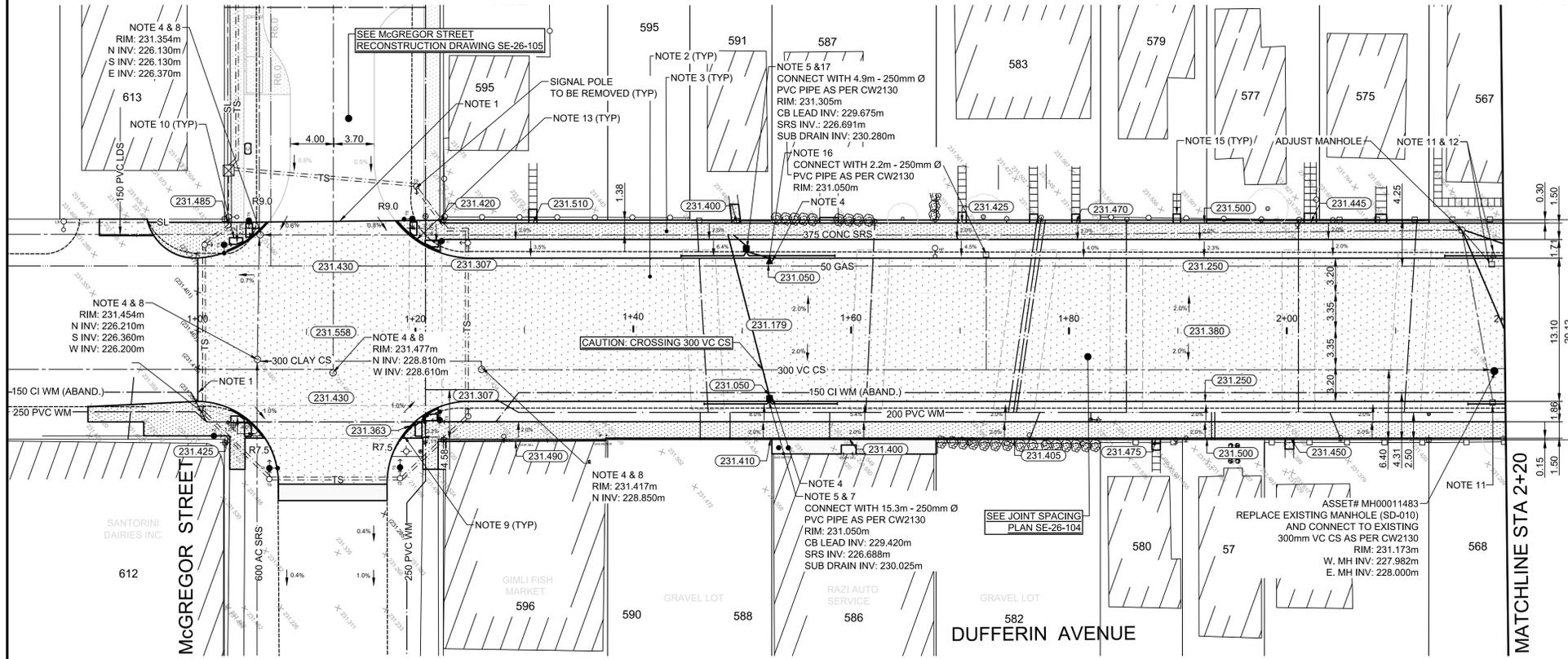


**WATER DISTRIBUTION SYSTEM - CATHODICALLY PROTECTED**  
PLEASE BE ADVISED THAT THE WATER DISTRIBUTION SYSTEM IN THIS AREA IS CATHODICALLY PROTECTED. ANY DAMAGE TO THIS SYSTEM MUST BE REPORTED TO THE WATER AND WASTE DEPARTMENT IMMEDIATELY AND ALL COSTS, MATERIALS AND LABOUR ASSOCIATED WITH THE RESTORATION OF THIS SYSTEM WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND / OR CONSULTANT.

- CONSTRUCTION NOTES**
- LIMIT OF RECONSTRUCTION
  - REMOVE EXISTING PAVEMENT AND CONSTRUCT NEW 250mm CONCRETE SECTION PAVEMENT WITH 180mm INTEGRAL BARRIER CURB AS PER TYP CROSS SECTION
  - REMOVE MONOLITHIC CURB AND SIDEWALK, AND CONSTRUCT NEW 100mm CONCRETE SIDEWALK WITH SIDEWALK EXPANSION JOINT (SD-228A) (SD-228AA)
  - CONSTRUCT CONCRETE ISOLATION AS PER SD220A
  - INSTALL 6.0m (OR AS SPECIFIED) - 150mm Ø SUB DRAINS, CONNECT TO CATCH BASIN (SD-245) AND CAP ENDS AS PER CW 312
  - INSTALL NEW 1800 CATCH BASIN WITH ARCHED CURB AND GUTTER INLET FRAME (SD-024), AND CONNECT TO 300mm Ø CS WITH 250mm Ø PVC PIPE AS PER CW 2130
  - INSTALL NEW 1800 CATCH BASIN WITH ARCHED CURB AND GUTTER INLET FRAME (SD-024), AND CONNECT TO 375mm Ø SRS WITH 250mm Ø PVC PIPE AS PER CW 2130
  - INSTALL NEW FRAME AND SOLID COVER (AP-006, AP-007) AND ADJUST TO GRADE
  - CONSTRUCT CURB RAMP (SD-229C, SD-229D)
  - INSTALL DETECTABLE WARNING SURFACE TILES (SD-229E)
  - ABANDON AND REMOVE EXISTING CATCH BASIN AS PER CW 2130
  - ABANDON EXISTING DRAINAGE INLET AS PER CW 2130
  - CONSTRUCT NEW MODIFIED BARRIER CURB WITH 180mm CURB REVEAL (SD-203B)
  - REGRADE EXISTING PAVING STONES AS DIRECTED BY CONTRACT ADMINISTRATOR
  - RE-GRADE EXISTING SIDEWALK BLOCKS AS DIRECTED BY CONTRACT ADMINISTRATOR
  - INSTALL NEW CATCH PIT WITH ARCHED CURB AND GUTTER INLET FRAME AND COVER (SD-023), AND CONNECT TO CATCH BASIN WITH 250mm Ø PVC PIPE AS PER CW-2130
  - INSTALL NEW 1800 CATCH BASIN (SD-025) WITH MANHOLE FRAME AND SOLID COVER (AP-006, AP-007), AND CONNECT TO 375mm Ø SRS (OR AS SHOWN) WITH 250mm Ø PVC PIPE AS PER CW 2130
  - INSTALL NEW 1800 CATCH BASIN (SD-025) WITH MANHOLE FRAME AND SOLID COVER (AP-006, AP-007), AND CONNECT TO 300mm Ø CS WITH 250mm Ø PVC PIPE AS PER CW 2130
- GENERAL NOTES**
- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
  - ALL CURB RADII UNDER 15.0m SHALL BE MODIFIED (SD-203C) CURB REPLACEMENT AS DIRECTED BY CONTRACT ADMINISTRATOR
  - CONTRACTOR TO CONFIRM THE LOCATION OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION
  - ADJUST ALL EXISTING WATER VALVES AND CURB STOPS TO GRADE
  - PAVEMENT REPAIRS SHOWN ARE A REPRESENTATIVE SAMPLE OF THE TENDER QUANTITIES
  - ALL WATER SERVICES / MAIN LINES WITHIN THE LIMITS OF THE RECONSTRUCTION SHALL BE INSULATED AS DIRECTED BY CONTRACT ADMINISTRATOR (SD-018)
  - ALL SIDEWALK RENEWALS TO INCLUDE SIDEWALK EXPANSION JOINTS AS PER E16



**WATER AND WASTE DEPARTMENT**

A MINIMUM CLEARANCE OF 1.5 METERS MUST BE MAINTAINED FROM THE UNDERSIDE OF ANY EXISTING WATERMAIN OR SEWERMAIN AND THE TOP OF THE PROPOSED WORKS. THE INSTALLATION OF PROPOSED WORKS MUST BE APPROVED BY THE WATER AND WASTE DEPARTMENT.

A MINIMUM CLEARANCE OF 1.5 METERS MUST BE MAINTAINED FROM THE UNDERSIDE OF THE PROPOSED WORKS AND THE TOP OF ANY EXISTING WATERMAIN OR SEWERMAIN.

A MINIMUM CLEARANCE OF 1.5 METERS MUST BE MAINTAINED FROM ANY EXISTING WATERMAIN OR SEWERMAIN PIPE AND THE PROPOSED WORKS, BUT 2 METERS IS RECOMMENDED.

A STREET MUST BE CATCHED BY OPTIMUM METHOD 4 METERS FROM THE CENTRE LINE OF THE EXISTING WATERMAIN OR SEWERMAIN PIPE TO CONFIRM THE ALIGNMENT AND EXISTENCE OF THE DRAINING REQUIREMENTS. CHECKED OVER AND UNDER THE EXISTING WATERMAIN OR SEWERMAIN PIPE. THIS CONFIRMATION MUST BE WITNESSED BY A CIVIL REPRESENTATIVE.

**ISSUED FOR TENDER**  
NOT TO BE USED FOR CONSTRUCTION

**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETERS  
DECIMALIZED NUMBERS INDICATE METERS

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
—	GUY WIRE ANCHOR	⊠	—	UTILITY BOX	—	—	PAVING STONES	—
—	HYDRANT	⊕	—	LDS/WWS	—	—	CONCRETE	—
—	VALVE	⊕	—	WATERMAIN	—	—	CONCRETE SIDEWALK	—
—	CURB STOP	⊕	—	GAS	—	—	ASPHALT	—
—	MANHOLE	⊕	—	TRAFFIC SIGNALS	—	—	SIDEWALK BLOCKS	—
—	CATCH BASIN	⊕	—	HYDRO/STREET LIGHT	—	—	WATER SERVICE INSULATION	—
—	CATCH PIT/CURB INLET	⊕	—	MTS/SHAW	—	—	SUB DRAINS	—
—	HYDRO POLE	⊕	—	BOC/EDGE OF PAVEMENT	—	—	JOINTS	—
—	LIGHT STANDARD	⊕	—	PROPERTY LINE	—	—	LEGEND - PROFILE	PROPOSED
—	TRAFFIC SIGNAL POLE	⊕	—	RAMP CURB	—	—	NORTH GUTTER	—
—	SURVEY BAR	⊕	—	ELEVATIONS	—	—	CENTER LINE	—
—	GEODETIC BENCH MARK	⊕	—	TREE/ TREE TRUNK	—	—	SOUTH GUTTER	—

**LOCATION APPROVED UNDERGROUND STRUCTURES**

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.

IP @ NE CORNER OF MCGREGOR ST. AND DUFFERIN AVE. ELEV. 231.444m

**ENGINEERING DIVISION**  
TECHNOLOGY SERVICES BRANCH  
106 - 1155 PACIFIC AVE

DESIGNED BY: T.L.  
CHECKED BY: J.T.S., R.W., E.H.

DRAWN BY: T.L.  
APPROVED BY: J.T.S.

DATE: 2026/02/13

**ENGINEER'S SEAL**

PROVINCE OF MANITOBA  
REGISTERED PROFESSIONAL ENGINEER  
J.T. SHUMKA  
Member 32541  
2026-02-17

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

**DUFFERIN AVENUE**  
FROM MCGREGOR STREET TO POWERS STREET  
CONCRETE RECONSTRUCTION AND ASSOCIATED WORKS  
FROM STA. 1+00 TO STA. 2+20

CITY DRAWING NUMBER: SE-26-100  
SHEET 1 OF 10  
TENDER NO.: 2-2026