



WATER AND WASTE DEPARTMENT

A MINIMUM CLEARANCE OF 1.0 METERS MUST BE PROVIDED BETWEEN THE UNDERSIDE OF ANY EXISTING WATERMAIN OR SEWERMAIN AND THE TOP OF THE PROPOSED WORK. THIS RESTRICTION DOES NOT APPLY TO EXISTING WATERMANS OR SEWERMANS.

A MINIMUM CLEARANCE OF 1.0 METERS MUST BE PROVIDED BETWEEN THE UNDERSIDE OF THE PROPOSED WORK AND THE TOP OF ANY EXISTING WATERMAIN OR SEWERMAIN.

A MINIMUM LATERAL CLEARANCE OF 1.0 METERS MUST BE PROVIDED BETWEEN ANY EXISTING WATERMAIN OR SEWERMAIN PIPE AND THE PROPOSED WORK, BUT 0.5 METERS IS RECOMMENDED.

A SHARP MUST BE EXCAVATED BY 500 TO 750 METERS FROM THE CENTRELINE OF THE EXISTING WATERMAIN OR SEWERMAIN TO OPEN UP THE UNDERSIDE OF THE EXISTING PIPE. THE EXCAVATION MUST BE CIRCLED OVER OR UNDER THE EXISTING WATERMAIN OR SEWERMAIN PIPE. THIS CONSTRUCTION MUST BE APPROVED BY A CITY REPRESENTATIVE.

CONSTRUCTION NOTES

- LIMIT OF RECONSTRUCTION
- REMOVE EXISTING PAVEMENT AND CONSTRUCT 125mm ASPHALT PAVEMENT AS PER TYPICAL CROSS SECTION
- CONSTRUCT NEW 100mm CONCRETE SIDEWALK (SD-228A)
- INSTALL NEW 1800mm CATCH BASIN WITH CURB AND GUTTER INLET FRAME (SD-024), AND CONNECT TO 300mm COMBINED SEWER WITH 250mm Ø PVC PIPE AS PER CW 2130
- REMOVE EXISTING APPROACH AND CONSTRUCT NEW 200mm REINFORCED CONCRETE APPROACH (SD-232)
- CONSTRUCT NEW BARRIER CURB AND REVERSE GUTTER. 180mm REVEAL, 450mm WIDTH, 150mm PLAIN CONCRETE PAVEMENT AS PER E.13
- INSTALL 6.0m - 150mm Ø SUB DRAINS (BOTH SIDES), CONNECT TO CATCH BASIN (SD-245) AND CAP ENDS AS PER CW 3120
- INSTALL NEW FRAME AND SOLID COVER (AP-006, AP-007) AND ADJUST TO GRADE
- CONSTRUCT CURB RAMP (SD-200A, SD-229C, SD-229D)
- INSTALL DETECTABLE WARNING SURFACE TILES (SDE-229E)
- ABANDON EXISTING CURB INLET AND EXISTING CATCH BASIN AS PER CW 2130
- CONSTRUCT MIN. 150mm CONCRETE ISOLATION AND INSTALL TYPE B PAVEMENT REPAIR FABRIC (SD-220B) (E.13)
- CONSTRUCT 150mm REINFORCED CONCRETE WITH SEPARATE 75mm LIP CURB (SD-202C)

GENERAL NOTES

- PAVEMENT DIMENSIONS ARE TO BACK OF CURB
- ALL CURB RADII UNDER 15.0m SHALL BE MODIFIED (SD-203B)
- 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 WITHIN THE LIMITS OF THE RECONSTRUCTION SHALL BE INSULATED AS PER SD-018

ISSUED FOR TENDER
NOT TO BE USED FOR CONSTRUCTION

METRIC
WHOLE NUMBERS INDICATE MILLIMETERS
DECIMALIZED NUMBERS INDICATE METERS

TENDER NO. 1-2025

EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PLAN	PROPOSED	EXISTING	LEGEND - PROFILE	PROPOSED
○	HYDRANT	●	---	LDS/WWS	---	---	CONCRETE	---
○	VALVE	●	---	WATERMAIN	---	---	CONCRETE SIDEWALK	---
○	CURB STOP	●	---	GAS	---	---	ASPHALT	---
○	MANHOLE	●	---	TRAFFIC SIGNALS	---	---	ELEVATIONS	(231.000)
○	CATCH BASIN	●	---	HYDRO/STREET LIGHT	---	---	WATER SERVICE INSULATION	---
△	CATCH PIT/CURB INLET	▲	---	MTS/SHAW	---	---	PAVEMENT REPAIR FABRIC	---
○	HYDRO POLE	●	---	CURB RENEWAL	---	---	CHAIN LINK FENCE	---
○	LIGHT STANDARD	●	---	PROPERTY LINE	---	---	LEGEND - PLAN	PROPOSED
○	TRAFFIC SIGNAL POLE	●	---	RAMP CURB	---	---	WEST GUTTER	---
+	SURVEY BAR	+	---	ANCHOR / GUY WIRE	---	---	CENTER LINE	---
▲	GEODEIC BENCH MARK	▲	---	TREE	---	---	EAST GUTTER	---

LOCATION APPROVED UNDERGROUND STRUCTURES

8.M. IP @ NW CORNER OF 12 CHARLES ST
ELEV. 231.548m

ENGINEERING DIVISION
TECHNOLOGY SERVICES BRANCH
106 - 1155 PACIFIC AVE

DESIGNED BY T.L.
CHECKED BY J.S., E.H., R.W.
DRAWN BY T.L.
APPROVED BY Jason Shumka

2. ISSUED FOR TENDER 02/25/25 T.L.
1. SUBMIT FOR PLAN APPROVAL 01/24/25 T.L.

NO. REVISIONS DATE BY

ENGINEER'S SEAL

PROVINCE OF MANITOBA
REGISTERED PROFESSIONAL ENGINEER
J.T. SHUMKA
Member 32541
2025-02-20

HOR. SCALE: 1 : 250
VERTICAL: 1 : 10
DATE: 2025/02/20

THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT

ROBINSON STREET
FROM SUTHERLAND AVENUE TO JARVIS AVENUE
CONCRETE RECONSTRUCTION AND ASSOCIATED WORKS

CITY DRAWING NUMBER SE-25-207
SHEET 8 OF 9
1