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79.0 S OF SARGENT AVENUE TO 9.8 S OF SARGENT AVENUE

ARLINGTON STREET

WWS WASTE WATER SEWER CS COMBINED SEWER LDS LAND DRAINAGE SEWER PROPERTY LINE CENTER LINE G.I.S. GEOGRAPHIC INFORMATION SYSTEM B.M. BENCH MARK TH TEST HOLE ELEV ELEVATION INVERT INV MIN MINIMUM MAXIMUM STREET LIGHTING TS TRAFFIC SIGNALS ABAND ABANDONED BLDG BUILDING HSE HOUSE CRN CORNER OPP OPPOSITE C/S OR S/C CURB STOP MTS MANITOBA TELEPHONE SYSTEM R.O.W. RIGHT-OF-WAY WATERMAIN CULV CULVERT MANHOLE CB CATCH BASIN CI CURB INLET VERT. VERTICAL HORZ. HORIZONTAL I.B. IRON BAR **FIBRE** FIBRE OPTIC **TYPICAL** X-ING CROSSING HYD HYDRANT EX **EXISTING** NORTH EAST SOUTH WEST WITH C/W CONSTRUCTED WITH CONC CONCRETE AC ASBESTOS CEMENT VC VITRIFIED CLAY CAST IRON DI DUCTILE IRON POLYVINYL CHLORIDE PVC HDPE HIGH DENSITY POLYETHYLENE PCCP PRESTRESSED CONCRETE CYLINDER PIPE

ABBREVIATIONS

DESCRIPTION	EXISTING	PROPOSED
WATER PIPE FIRE HYDRANT VALVE CURB STOP REDUCER COUPLING OR SLIDDER CROSS BEND — 11.25°, 22.5°, 45°, 90° TEE		+ & X H H H
VERTICAL BEND ANODE REPAIR MARKER PLUG SEWER PIPE MANHOLE CATCH BASIN CURB INLET JUNCTION CULVERT SURVEY BAR SURVEY MONUMENT TREE — DECIDUOUS		H →
TREE — CONIFEROUS HYDRO HYDRO POLE LAMP STANDARD GUY ANCHOR PEDESTAL OR BOX		
CABINET M.T.S., SHAW, OR VIDEON TRAFFIC SIGNALS TRAFFIC LIGHT STANDARD GAS STEAM FIBRE OPTIC FENCE EDGE OF PAVEMENT OR GUTTER EDGE UNPAVED OR GRAVEL ROAD		
LOT LINE SIDEWALK — PATHWAY EASEMENT EDGE OF BUILDING MAILBOX PARKING METER TEST HOLE TREE LINE OR BUSH	M P	•
DESCRIPTION WATER PIPE	PROFILE EXISTING	PROPOSED
HYDRANT TOP	_	1
VALVE		X
TEE OR CROSS		
COUPLING OR BEND		
REDUCER		
END OF PIPE	ξ	8

PLAN MEW

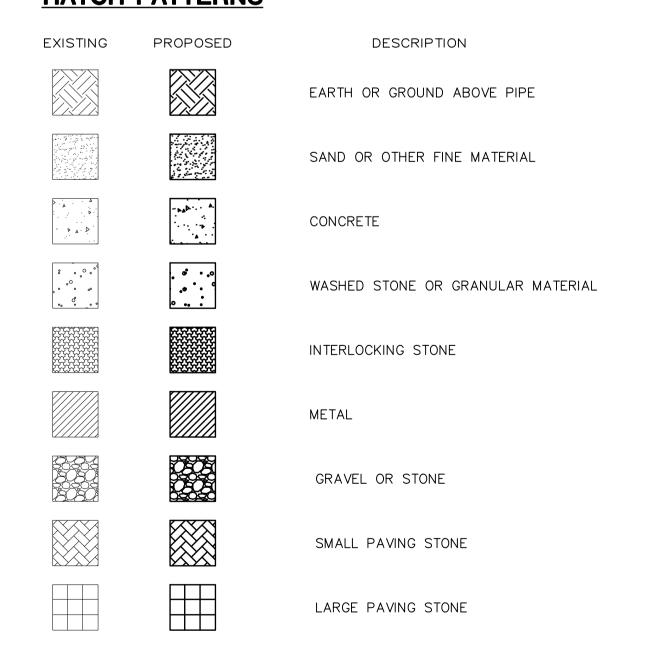
LEGEND

HATCH PATTERNS

DRAWING INDEX

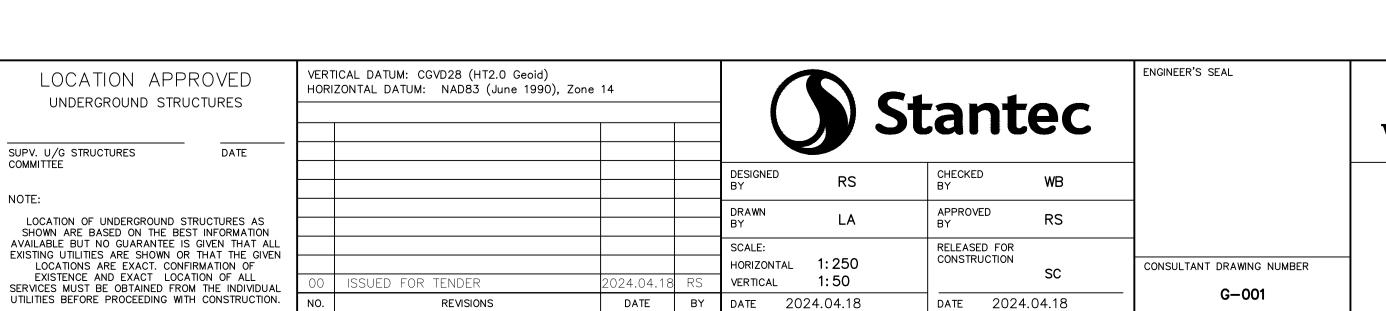
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CONSTRUCTION NOTES

- 1. EXPOSE EXISTING WATER MAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
- 2. LOCATION OF ALL SERVICES IS TO BE CONFIRMED IN THE FIELD.
- 3. INSTALL WATER MAIN BY TRENCHLESS METHODS.
- 4. TRENCHES AND EXCAVATION UNDER ROAD PAVEMENT AND/OR WITHIN 0.45 m OF A ROAD PAVEMENT EDGE SHALL BE CLASS 1 BACKFILL UNLESS OTHERWISE DIRECTED BY THE ENGINEER. TRENCHES AND EXCAVATIONS UNDER AND/OR WITHIN 1.0 m OF ANY OTHER PAVED SURFACE, INCLUDING APPROACHES AND SIDEWALKS, SHALL BE CLASS 3 BACKFILL.
- 5. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
- 6. MINIMUM COVER TO TOP OF WATER MAIN IS 2.4 m.
- 7. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATER MAIN TO P/L.
- 8. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS AND/OR DISRUPTION OF SERVICE.



NOTE: CHAINAGES SHOWN ARE ALONG CENTERLINE OF ROW

FOR INDEX SEE D-16994

METRIC WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES GEOSCIENTISTS **MANITOBA** Certificate of Authorization Stantec Consulting Ltd. No. 1301

ENGINEERS

PLOT DATE: 2024 04 18

TENDER NUMBER: 194-2024

Winnipeg

SEWER PIPE

UNPAVED GROUND SURFACE

√ ROAD

MANHOLE OR CATCH BASIN

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION

2024 WATER MAIN RENEWALS CONTRACT 9

D-16994 DRAWING INDEX, DESIGN NOTES, LEGEND, & ABBREVIATIONS

SHEET **2** OF **15**

CITY DRAWING NUMBER

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