

**DRAWING INDEX**

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10	D-16992	SARGENT AVENUE 12.6 W OF CLIFTON STREET TO ERIN STREET

**ABBREVIATIONS**

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
INV	INVERT
MIN	MINIMUM
MAX	MAXIMUM
SL	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
WM	WATERMAIN
CULV	CULVERT
MH	MANHOLE
CB	CATCH BASIN
CI	CURB INLET
VERT.	VERTICAL
HORZ.	HORIZONTAL
I.B.	IRON BAR
FIBRE	FIBRE OPTIC
TYP	TYPICAL
X-ING	CROSSING
HYD	HYDRANT
EX	EXISTING
N	NORTH
E	EAST
S	SOUTH
W	WEST
W/	WITH
C/W	CONSTRUCTED WITH
CONC	CONCRETE
AC	ASBESTOS CEMENT
VC	VITRIFIED CLAY
CI	CAST IRON
DI	DUCTILE IRON
PVC	POLYVINYL CHLORIDE
HDPE	HIGH DENSITY POLYETHYLENE
PCCP	PRESTRESSED CONCRETE CYLINDER PIPE

**LEGEND**

DESCRIPTION	EXISTING	PROPOSED
WATER PIPE		
FIRE HYDRANT VALVE		
CURB STOP REDUCER		
COUPLING OR SLIDDER CROSS		
BEND - 11.25', 22.5', 45', 90'		
TEE		
VERTICAL BEND ANODE		
REPAIR MARKER PLUG		
SEWER PIPE MANHOLE		
CATCH BASIN CURB INLET		
JUNCTION		
CULVERT		
SURVEY BAR SURVEY MONUMENT		
TREE - DECIDUOUS		
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		

**HATCH PATTERNS**

EXISTING	PROPOSED	DESCRIPTION
		EARTH OR GROUND ABOVE PIPE
		SAND OR OTHER FINE MATERIAL
		CONCRETE
		WASHED STONE OR GRANULAR MATERIAL
		INTERLOCKING STONE
		METAL
		GRAVEL OR STONE
		SMALL PAVING STONE
		LARGE PAVING STONE

**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 EXCAVATIONS WITHIN 1.0m OF A PAVED AREA INCLUDING 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.

BENCHMARK 37-022  
 ELEV=234.045 m  
 S.E. COR. SARGENT AVE. & EMPRESS ST., TBLT. IN W.  
 CONC. FOUNDATION NO. 1270 SARGENT AVE., 1m S. & 0.1m  
 BELOW CONC. BLOCKS OF N.W. COR. OF BLDG.

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.	VERTICAL DATUM: CGVD28 (HT2.0 Geoid) HORIZONTAL DATUM: NAD83 (June 1990), Zone 14		ENGINEER'S SEAL   CONSULTANT DRAWING NUMBER <b>G-001</b>	THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION  2024 WATER MAIN RENEWALS CONTRACT 8  SARGENT AVENUE DRAWING INDEX, DESIGN NOTES, LEGEND, & ABBREVIATIONS	SHEET <b>2</b> OF <b>10</b> CITY DRAWING NUMBER <b>D-16984</b>
	DESIGNED BY: R.S. CHECKED BY: W.B. DRAWN BY: W.A. APPROVED BY: R.S. SCALE: HORIZONTAL 1:250 VERTICAL 1:50 RELEASED FOR CONSTRUCTION DATE: 2024.04.25		TENDER NUMBER: 193-2024 FILE PATH: u:\111220852\0300_drawing\0302_sheet_files\01_general\20852g-001		

NOTE: VALVES TO BE INSTALLED COUNTER-CLOCKWISE TO CLOSE

FOR INDEX SEE D-16984

**ENGINEERS GEOSCIENTISTS MANITOBA**  
 Certificate of Authorization  
 Stantec Consulting Ltd.  
 No. 1301



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