CITY OF WINNIPEG DRAWING TITLE DRAWING NUMBER COVER PAGE D-16983 DRAWING INDEX, DESIGN NOTES, LEGEND, & ABBREVATIONS D-16984 DRAWING INDEX D-16985 SARGENT AVENUE EMPRESS STREET TO 48.5 E OF EMPRESS STREET D-16986 SARGENT AVENUE 49.1 W OF SANFORD STREET TO 12.6 E OF SANFORD STREET 12.6 E OF SANFORD STREET TO 102.6 E OF SANFORD STREET D-16987 SARGENT AVENUE SARGENT AVENUE 102.6 E OF SANFORD STREET TO 217.6 E OF SANFORD STREET D-16988 SARGENT AVENUE 6.7 W OF STRATHCONA STREET TO 7.1 E OF ASHBURN STREET D-16989 D-16990 SARGENT AVENUE 51.3 W OF VALOUR ROAD TO 58.4 E OF VALOUR ROAD D-16991 SARGENT AVENUE 2.9 W OF SPRUCE STREET TO 94.6 E OF SPRUCE STREET 10 D-16992 SARGENT AVENUE 12.6 W OF CLIFTON STREET TO ERIN STREET

DRAWING INDEX

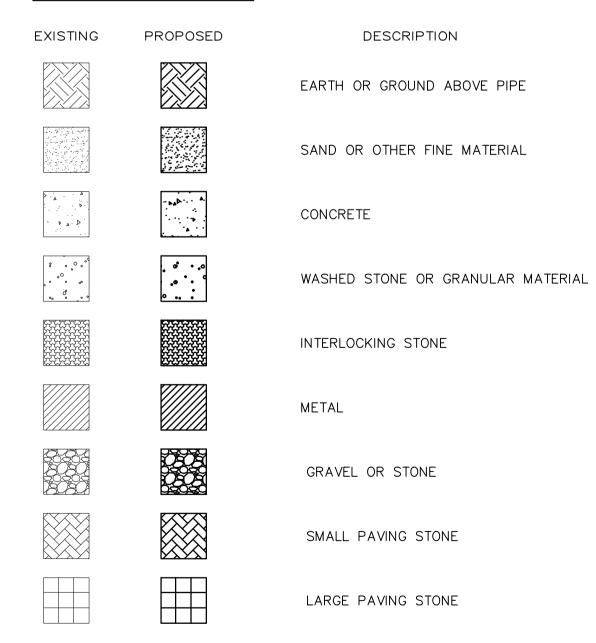
WWS	WASTE WATER SEWER
CS	COMBINED SEWER
LDS	LAND DRAINAGE SEWER
PL	PROPERTY LINE
Ę.	CENTER LINE
G.I.S.	GEOGRAPHIC INFORMATION SYSTEM
B.M.	BENCH MARK
TH	TEST HOLE
ELEV	ELEVATION
INV	INVERT
MIN	MINIMUM
MAX	MAXIMUM
SL	STREET LIGHTING
TS	TRAFFIC SIGNALS
ABAND	ABANDONED
BLDG	BUILDING
HSE	HOUSE
CRN	CORNER
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
СВ	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
Е	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

ABBREVIATIONS

EXISTING DESCRIPTION PROPOSED WATER PIPE FIRE HYDRANT VALVE CURB STOP REDUCER COUPLING OR SLIDDER CROSS BEND - 11.25°, 22.5°, 45°, 90° H H 4 4 TEE VERTICAL BEND 2 ANODE REPAIR MARKER PLUG SEWER PIPE MANHOLE CATCH BASIN CURB INLET JUNCTION CULVERT SURVEY BAR SURVEY MONUMENT TREE - DECIDUOUS ZIMME TO SERVICE THE SERVICE T 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 PARKING METER TEST HOLE TREE LINE OR BUSH PROFILE DESCRIPTION **EXISTING** PROPOSED WATER PIPE HYDRANT TOP VALVE TEE OR CROSS COUPLING OR BEND REDUCER END OF PIPE SEWER PIPE UNPAVED GROUND SURFACE √ ROAD MANHOLE OR CATCH BASIN

PLAN VIEW

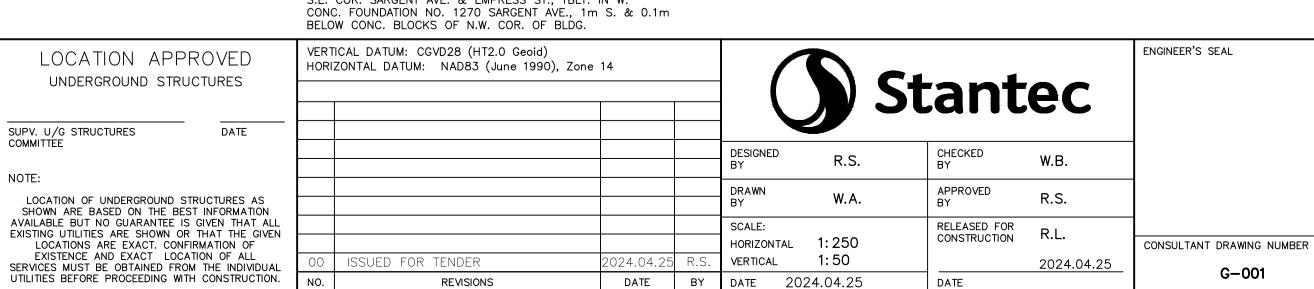
HATCH PATTERNS



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 SALL 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.



PLOT DATE: 2024 04 25

NOTE: VALVES TO BE INSTALLED COUNTER-CLOCKWISE TO CLOSE

FOR INDEX SEE D-16984

METRIC WHOLE NUMBERS INDICATE MILLIMETRES DECIMALIZED NUMBERS INDICATE METRES

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

Winnipeg

LEGEND

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION

2024 WATER MAIN RENEWALS CONTRACT 8

SARGENT AVENUE DRAWING INDEX, DESIGN NOTES, LEGEND, & ABBREVIATIONS

D-16984

CITY DRAWING NUMBER

SHEET **2** OF **10**

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