## CITY OF WINNIPEG DRAWING TITLE NUMBER DRAWING NUMBER D-17303 COVER PAGE D-17304 DRAWING INDEX DRAWING INDEX, DESIGN NOTES, LEGEND, & ABBREVATIONS D-17305 HUNTLEIGH STREET PORTAGE AVENUE TO 100 N OF PORTAGE AVENUE D-17306 HUNTLEIGH STREET 100 N OF PORTAGE AVENUE TO 210 N OF PORTAGE AVENUE 40 S OF ST MATTHEWS AVENUE TO ST MATTHEWS AVENUE D-17307 HUNTLEIGH AVENUE D-17308 LOGAN AVENUE STANLEY STREET TO 95 E OF STANLEY STREET PRINCESS STREET TO KING STREET D-17309 LOGAN AVENUE D-17310 LOGAN AVENUE 75 W OF MAIN STREET TO MAIN STREET 20 S OF LOGAN AVENUE TO 80 N OF LOGAN AVENUE D-17311 STANLEY STREET D-17312 STANLEY STREET 40 S OF HENRY AVENUE TO HENRY AVENUE D-17313 OWENA STREET 10 S OF LOGAN AVENUE TO 75 N OF LOGAN AVENUE

40 S OF HENRY AVENUE TO HENRY AVENUE

**DRAWING INDEX** 

D-17314

OWENA STREET

WWS	WASTE WATER SEWER
CS	COMBINED SEWER
LDS	LAND DRAINAGE SEWER
PL	PROPERTY LINE
<b>Q</b>	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
E	EAST
S	SOUTH
w	WEST
w/	WEST
w/ 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** 

## WATER PIPE FIRE HYDRANT VALVE CURB STOP REDUCER COUPLING OR SLIDDER CROSS BEND - 11.25°, 22.5°, 45°, 90° 4 4 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 TREE - CONIFEROUS HYDRO HYDRO POLE LAMP STANDARD $\smile$ **GUY ANCHOR** PEDESTAL OR BOX $\boxtimes$ 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 **PROFILE EXISTING** DESCRIPTION PROPOSED WATER PIPE -----HYDRANT TOP -----TEE OR CROSS -----COUPLING OR BEND ----------REDUCER -----END OF PIPE SEWER PIPE -----UNPAVED GROUND SURFACE € ROAD \_\_\_\_\_ MANHOLE OR CATCH BASIN

PLAN VIEW

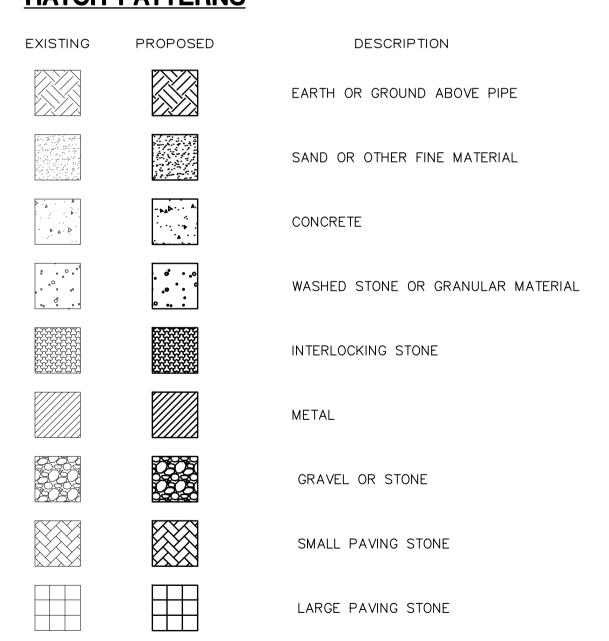
**EXISTING** 

PROPOSED

**LEGEND** 

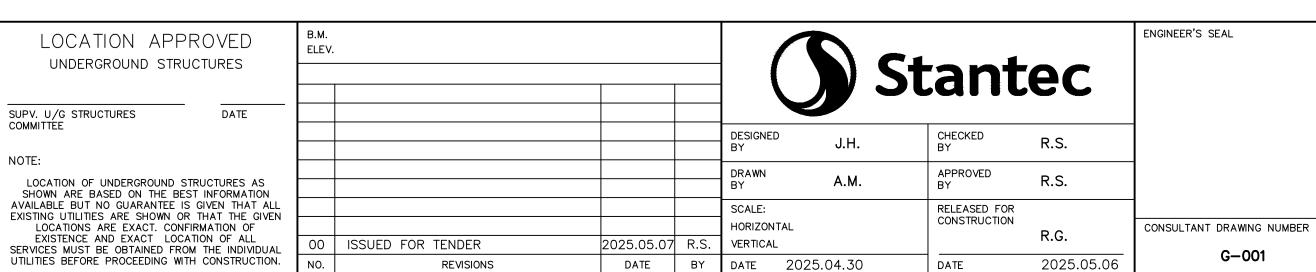
DESCRIPTION

## **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 UNDER ROAD PAVEMENT AND/OR WITHIN 0.45m OF A ROAD PAVEMENT EDGE SHALL BE CLASS 1 BACKFILL UNLESS OTHERWISE DIRECTED BY THE ENGINEER. TRENCHES AND EXCAVATIONS UNDER AND/OR WITHIN 1.0m 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.



PLOT DATE: 2025 05 07

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

Winnipeg

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION

2025 WATER MAIN RENEWALS CONTRACT 7

DRAWING INDEX, DESIGN NOTES,

CITY DRAWING NUMBER D-17304

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