SHEET CITY OF WINNIPEG

NUMBER	DRAWING NUMBER	
1	13321	COVER PAGE
2	13322	INDEX PAGE
3	13323	NESS AVENUE
4	13324	MCPHILLIPS STREET
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8	13328	MISCELLANEOUS DETAILS

DRAWING TITLE

MH AT BERRY STREET TO MH AT HAMPTON STREET MH AT ROSS AVENUE TO MH AT PACIFIC AVENUE MH AT ALEXANDER AVENUE TO MH AT PACIFIC AVENUE 1ST MH W OF SOFTLY ROAD TO MH AT LAGIMODIERE BOULEVARD 2ND MH S OF CONISTON STREET TO MH AT LYNDALE DRIVE

HATCH PATTERNS

EXTERNAL POINT REPAIR LOCATION

CONSTRUCTION NOTES

- 1. CONFIRM LOCATIONS OF ALL SEWER SERVICES.
- 2. 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.
- 3. EXCAVATIONS MORE THAN 1 METRE FROM PAVEMENT TO BE CLASS 5 BACKFILL



VC

CI

DI

PVC

HDPE

PCCP

ABBREVIATIONS

WASTE WATER SEWER

COMBINED SEWER WATER PIPE LAND DRAINAGE SEWER FIRE HYDRANT PROPERTY LINE VALVE CENTER LINE CURB STOP GEOGRAPHIC INFORMATION SYSTEM REDUCER BENCH MARK COUPLING OR SLIDDER TEST HOLE CROSS ELEVATION BEND - 11.25', 22.5', 45', 90 INVERT TEE MINIMUM VERTICAL BEND MAXIMUM ANODE STREET LIGHTING REPAIR MARKER TRAFFIC SIGNALS PLUG ABANDONED SEWER PIPE BUILDING MANHOLE HOUSE CATCH BASIN CORNER CURB INLET OPPOSITE JUNCTION CURB STOP MANITOBA TELEPHONE SYSTEM € DITCH RIGHT-OF-WAY CULVERT WATERMAIN SURVEY BAR CULVERT SURVEY MONUMENT MANHOLE TREE - DECIDUOUS CATCH BASIN CURB INLET TRFF - CONIFEROUS VERTICAL HORIZONTAL

IRON BAR

FIBRE OPTIC

TYPICAL

CROSSING

HYDRANT

EXISTING

NORTH

FAST

SOUTH WEST

WITH

CONSTRUCTED WITH

CONCRETE

ASBESTOS CEMENT

VITRIFIED CLAY

CAST IRON

DUCTILE IRON

POLYVINYL CHLORIDE

HIGH DENSITY POLYETHYLENE

PRESTRESSED CONCRETE CYLINDER PIPE

0 \bowtie •

LEGEND

EXISTING

PROPOSED

4

2

1

DESCRIPTION

HYDRO POLE

LAMP STANDARD

HYDRO POLE W/STREET LIGHTING

POLE

GUY ANCHOR

M.T.S. POLE

PEDESTAL OR BOX

CARINET

M.T.S., SHAW, OR VIDEON

TRAFFIC SIGNALS

TRAFFIC LIGHT STANDARD

GAS

STEAM

FIBRE OPTIC

FENCE

FDGE OF PAVEMENT OR GUTTER

EDGE UNPAVED OR GRAVEL ROAD

PROJECTED P

LOT LINE

SIDEWALK - PATHWAY EASEMENT

EDGE OF BUILDING

TEST HOLE TREE LINE OR BUSH

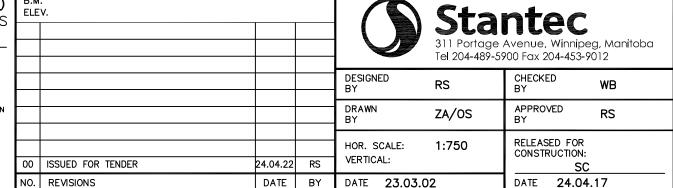


Certificate of Authorization Stantec Consulting Ltd.

LOCATION APPROVED

SUPV. U/G STRUCTURES DATE COMMITTÉE

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.



ENGINEER'S SEAL

CONSULTANT DRAWING NO.

G-002



THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2024 SEWER RENEWALS BY CIPP LINING (LARGE DIAMETER) CONTRACT 5

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MANITOBA

No. 1301

Winnipeg

SHEET 02

CITY DRAWING NUMBER

13322

UNDERGROUND STRUCTURES