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3	11357	OSBORNE STREET - MH AT KYLEMORE AV TO MH AT WALKER AV
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6	11360	ACADEMY ROAD - MH AT CENTENNIAL ST TO MH AT WELLINGTON CR (CL)
7	11361	PORTAGE AVENUE (CL) - 1ST MH W OF RIVERBEND CR (W. ELG) TO MH AT GARDEN RD
8	11362	PORTAGE AVENUE (S PL) - 1ST MH OF TYLEHURST ST TO 1ST MH E OF ST. JOHN AMBULANCE WY
9	11363	WOLSELEY AVENUE - 1ST MH E OF STILES ST TO MH AT CLIFTON ST S (W PL)
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11	11365	ELLICE AVENUE - MH AT YOUNG ST (CL) TO MH AT SPENCE ST (W PL)
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13	11367	JOHN HIRSCH PLACE - 1ST MH N OF BANNATYNE AV TO MH AT BANNATYNE AV (2ND E OF RORIE ST)
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22	11376	SELKIRK AVENUE - MH AT MCKENZIE ST TO 1ST MH E OF MCKENZIE ST
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24	11378	HENDERSON HIGHWAY - MH AT DONALDA AV TO TEE AT MUNROE AV
25	11379	HENDERSON HIGHWAY - MH AT TRENT AV TO MH AT DONALDA AV
26	11380	LARGE DIAMETER MANHOLE INSTALLATION DETAILS

HATCH PATTERNS

EXTERNAL POINT REPAIR LOCATION

CONSTRUCTION NOTES

- 1. CONFIRM LOCATIONS OF ALL SEWER SERVICES,
- 2. EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA, INCLUDING SIDEWALKS, SHALL BE CLASS 3 BACKFILL.
- 3. EXCAVATIONS MORE THAN 1 METRE FROM PAVEMENT SHALL BE CLASS 5 BACKFILL

ABBREVIATIONS WWS WASTE WATER SEWER CS LDS GIS В.М.

COMBINED SEWER LAND DRAINAGE SEWER PROPERTY LINE CENTER LINE GEOGRAPHIC INFORMATION SYSTEM BENCH MARK TEST HOLE ELEVATION INVERT

MINIMUM MAXIMUM STREET LIGHTING ARANDONED BUILDING

CULVERT

MANHOLE

CATCH BASIN

CURB INLET

VERTICAL

HORIZONTAL

IRON BAR

FIBRE OPTIC

TYPICAL

CROSSING

HYDRANT

EXISTING

NORTH

EAST

SOUTH WEST

BLDG HOUSE CORNER OPPOSITE C/S OR S/C CURB STOP MANITOBA TELEPHONE SYSTEM RIGHT-OF-WAY WATERMAIN

R.O.W. WM CULV CB CI VERT

ELEV

MAX

SL

ABAND

HSE

CRN

OPP

MTS

HORZ. I.B. FIBRE TYP X-ING HYD

C/W CONC VC OACCLAY VC

DI

PVC

HDPE

CONSTRUCTED WITH CONCRETE ASBESTOS CEMENT VITRIFIED CLAY DUCTILE IRON POLYVINYL CHLORIDE HIGH DENSITY POLYETHYLENE PRESTRESSED CONCRETE CYLINDER PIPE

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

HYDRO 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

æ 4 А 2 × \boxtimes EDGE OF PAVEMENT OR GUTTER EDGE UNPAVED OR GRAVEL ROAD ----------SECRETARIOS SE E

LEGEND

EXISTING

PROPOSED

LOCATION APPROVED UNDERGROUND STRUCTURES

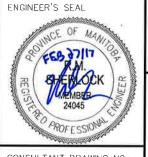
SUPV. U/G STRUCTURES

NOTE:

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LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO CUARANTEE 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 BEFORE PROCEEDING WITH CONSTRUCTION.

ELEV Stantec 905 Waverley Street, Winnipeg, Manitoba Tel 204-489-5900 Fax 204-453-9012 DESIGNED CHECKED JΗ CD DRAWN **APPROVED** RS HOR SCALE: RELEASED FOR VERTICAL: NO. REVISIONS DATE DATE 2016.11.11 BY



CONSULTANT DRAWING NO. G-102



THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

2016 SEWER RENEWALS BY CIPP LINING CONTRACT 2

PROJECTED PL

LOT LINE

SIDEWALK - PATHWAY EASEMENT

EDGE OF BUILDING TEST HOLE

TREE LINE OR BUSH

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