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

























































HATCH PATTERNS

 EXTERNAL POINT REPAIR LOCATION

ABBREVIATIONS

WWS	WASTE WATER SEWER	DESCRIPTION
CS	COMBINED SEWER	WATER PIPE
LDS	LAND DRAINAGE SEWER	FIRE HYDRANT
ℙ	PROPERTY LINE	VALVE
℄	CENTER LINE	CURB STOP
G.I.S.	GEOGRAPHIC INFORMATION SYSTEM	REDUCER
B.M.	BENCH MARK	COUPLING OR SLIDDER
TH	TEST HOLE	CROSS
ELEV	ELEVATION	BEND – 11.25°, 22.5°, 45°, 90°
INV	INVERT	TEE
MIN	MINIMUM	VERTICAL BEND
MAX	MAXIMUM	ANODE
SL	STREET LIGHTING	REPAIR MARKER
TS	TRAFFIC SIGNALS	PLUG
ABAND	ABANDONED	SEWER PIPE
BLDG	BUILDING	MANHOLE
HSE	HOUSE	CATCH BASIN
CRN	CORNER	CURB INLET
OPP	OPPOSITE	JUNCTION
C/S OR S/C	CURB STOP	
MTS	MANITOBA TELEPHONE SYSTEM	℄ DITCH
R.O.W.	RIGHT-OF-WAY	CULVERT
WM	WATERMAIN	SURVEY BAR
CULV	CULVERT	SURVEY MONUMENT
MH	MANHOLE	TREE – DECIDUOUS
CB	CATCH BASIN	
CI	CURB INLET	TREE – CONIFEROUS
VERT.	VERTICAL	
HORZ.	HORIZONTAL	HYDRO
I.B.	IRON BAR	HYDRO POLE
FIBRE	FIBRE OPTIC	LAMP STANDARD
TYP	TYPICAL	HYDRO POLE W/STREET LIGHTING
X-ING	CROSSING	POLE
HYD	HYDRANT	GUY ANCHOR
EXIST	EXISTING	M.T.S. POLE
N	NORTH	PEDESTAL OR BOX
E	EAST	
S	SOUTH	CABINET
W	WEST	
W/	WITH	M.T.S., SHAW, OR VIDEON
C/W	CONSTRUCTED WITH	TRAFFIC SIGNALS
CONC	CONCRETE	TRAFFIC LIGHT STANDARD
AC	ASBESTOS CEMENT	GAS
VC	VITRIFIED CLAY	STEAM
CI	CAST IRON	FIBRE OPTIC
DI	DUCTILE IRON	FENCE
PVC	POLYVINYL CHLORIDE	EDGE OF PAVEMENT OR GUTTER
HDPE	HIGH DENSITY POLYETHYLENE	EDGE UNPAVED OR GRAVEL ROAD
PCCP	PRESTRESSED CONCRETE CYLINDER PIPE	ℙ

LEGEND

EXISTING	PROPOSED
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	

TENDER NO. 190–2025

**ENGINEERS
GEOSCIENTISTS
MANITOBA**

Certificate of Authorization
Stantec Consulting Ltd.
No. 1301

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.

B.M. ELEV.			
00	ISSUED FOR CONSTRUCTION	25.04.29	NJK
NO.	REVISIONS	DATE	BY


**Stantec**
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DESIGNED BY NJK	CHECKED BY RS
DRAWN BY LA	APPROVED BY NJK
HOR. SCALE: 1:750 VERTICAL:	RELEASED FOR CONSTRUCTION: STACY COURNOYER, P. Eng.
DATE 24.05.27	DATE 25.04.29

ENGINEER'S SEAL



CONSULTANT DRAWING NO.
G-002

**THE CITY OF WINNIPEG**
WATER AND WASTE DEPARTMENT

2024 SEWER RENEWALS BY CIPP LINING
CONTRACT 3
INDEX PAGE

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CITY DRAWING NUMBER 13616