DRAWING INDEX

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6	D-15360	JAMISON AVENUE - 40 W OF BRAZIER STREET TO 65 E OF BRAZIER STREET
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11	D-15365	WATT STREET - WASHINGTON AVENUE TO OTTAWA AVENUE

LEGEND

PLAN VIEW

		DESCRIPTION	ABANDONED	EXISTING	PROPOSED
		WATER PIPE			
ABBREVIATIONS		FIRE HYDRANT		-	.
		VALVE	\otimes	⊗	τ ⊗
www.	WASTE WATER OF WER	CURB STOP	Q,	oʻ	•
wws	WASTE WATER SEWER	REDUCER	\triangleleft	4	4
CS	COMBINED SEWER		7	X	x
LDS	LAND DRAINAGE SEWER	COUPLING OR SLIDDER	±	· ·	Ф
<u>ዋ</u>	PROPERTY LINE	CROSS	H H H H	H H H H	 H 4 4 .
Q	CENTER LINE	BEND - 11.25°, 22.5°, 45°, 90°	A A	д	Д
G.I.S.	GEOGRAPHIC INFORMATION SYSTEM	TEE	Н	Н	
B.M.	BENCH MARK	VERTICAL BEND	П	- ₽	<u>-</u> >
ТН	TEST HOLE	ANODE		8	
ELEV	ELEVATION	REPAIR MARKER	٦	J ▼	7
INV	INVERT	PLUG	Г	L	3
MIN	MINIMUM	SEWER PIPE			
MAX	MAXIMUM	MANHOLE	0	0	_
SL	STREET LIGHTING	CATCH BASIN			-
TS	TRAFFIC SIGNALS	CURB INLET	∇	∇	▼ .
ABAND	ABANDONED	JUNCTION			
BLDG	BUILDING				
HSE	HOUSE	€ DITCH			→ → -
CRN	CORNER	CULVERT			
OPP	OPPOSITE	SURVEY BAR		+	+
C/S OR S/C	CURB STOP	SURVEY MONUMENT			
MTS	MANITOBA TELEPHONE SYSTEM	TREE - DECIDUOUS		<u> </u>	
R.O.W.	RIGHT-OF-WAY	THEE BESIDOOS			
WM	WATERMAIN	TREE - CONIFEROUS			
CULV	CULVERT			FINE	
мн	MANHOLE	HYDRO			
СВ	CATCH BASIN	HYDRO POLE		•н	
CI	CURB INLET	LAMP STANDARD		•••	
VERT.	VERTICAL	HYDRO POLE W/STREET LIGHTING		H ⊕ —•	
HORZ.	HORIZONTAL	POLE		•	
I.B.	IRON BAR	GUY ANCHOR			
FIBRE	FIBRE OPTIC	M.T.S. POLE		●M	
TYP	TYPICAL	PEDESTAL OR BOX		\boxtimes	
X-ING	CROSSING	CABINET			
HYD	HYDRANT				
EXIST	EXISTING	M.T.S., SHAW, OR VIDEON			
N	NORTH	TRAFFIC SIGNALS			
E	EAST	TRAFFIC LIGHT STANDARD		•→	
S	SOUTH	GAS			
W	WEST	STEAM			
W/	WITH	FIBRE OPTIC			
c/w	CONSTRUCTED WITH	FENCE			
CONC	CONCRETE	EDGE OF PAVEMENT OR GUTTER			
AC	ASBESTOS CEMENT	EDGE UNPAVED OR GRAVEL ROAD			
VC OR CLAY	VITRIFIED CLAY	P			
Cl	CAST IRON	PROJECTED PL			
DI	DUCTILE IRON	LOT LINE			
PVC	POLYVINYL CHLORIDE	SIDEWALK - PATHWAY			
HDPE	HIGH DENSITY POLYETHYLENE	EASEMENT			
PCCP	PRESTRESSED CONCRETE CYLINDER PIPE	EDGE OF BUILDING			
		MAILBOX		M	
		PARKING METER		P	
		TEST HOLE		*	•
		TREE LINE OR BUSH		~~~~~	

CONSTRUCTION NOTES

- 1. EXPOSE EXISTING WATERMAIN & CONFIRM INVERTS PRIOR TO CONSTRUCTION.
- 2. LOCATION OF ALL SERVICES TO BE CONFIRMED IN THE FIELD.
- 3. INSTALL WATERMAIN BY TRENCHLESS METHODS.
- 4. TRENCHES AND EXCAVATIONS WITHIN 1 METRE OF A PAVED AREA INCLUDING 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 WATERMAIN SHALL BE 2.4 m.
- 7. REPLACE ALL EXISTING LEAD SERVICES FROM PROPOSED WATERMAIN TO P.
- 8. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

DESCRIPTION	ABANDONED	EXISTING	PROPOSED
WATER PIPE		1	
HYDRANT TOP		T	Т
VALVE			X
TEE OR CROSS	0	0	
COUPLING OR BEND			
REDUCER			
END OF PIPE		8	8
SEWER PIPE			
UNPAVED GROUND SURFACE			
PAVED GROUND SURFACE - & PIPE		xx	
GUTTER (NORTH AND WEST)		· · · · · · · · · · · · · · · · · · ·	
GUTTER (SOUTH AND EAST)		oo	
© DITCH (NORTH AND WEST)			
© DITCH (SOUTH AND EAST) STRUCTURE			
MANHOLE OR CATCH BASIN			

PROFILE

HATCH PATTERNS

EXISTING	PROPOSED	DESCRIPTION
		EARTH OR GROUND ABOVE PIPE
		SAND OR OTHER FINE MATERIAL
 Δ Δ Δ Δ 		CONCRETE
8 . O . o		WASHED STONE OR GRANULAR MATERIAL
		INTERLOCKING STONE
		METAL
		GRAVEL OR STONE

ENGINEER'S SEAL LOCATION APPROVED UNDERGROUND STRUCTURES SUPV. U/G STRUCTURES COMMITTEE BY S.R.J. COURNOYER CHECKED BY DESIGNED APPROVED BY 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. DRAWN RS ΚZ RELEASED FOR CONSTRUCTION SCALE: 1: 250 HORIZONTAL CONSULTANT DRAWING NUMBER K.ZUREK 1:50 VERTICAL DATE 2019-03-25 DATE DATE 2019 03 26

Winnipeg

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION

2019 WATER MAIN RENEWALS CONTRACT 8

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D-15356

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BID OPPORTUNITY: 187-2019 CONTRACT NUMBER: 8

ORIGINAL SIGNED

19/03/25