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LEGEND

PLAN VIEW

		DESCRIPTION	ABANDONED	EXISTING	PROPOSED
		WATER PIPE			
ABBREVIATIONS		FIRE HYDRANT		-	+
		VALVE	\otimes	\otimes	⊗
WWS	WASTE WATER SEWER	CURB STOP	o'	ď	⋄
CS	COMBINED SEWER	REDUCER	\triangleleft	\triangleleft	◀
LDS	LAND DRAINAGE SEWER	COUPLING OR SLIDDER		X	χ
<u>ዊ</u>	PROPERTY LINE	CROSS	毌	毌	⊕
Ę.	CENTER LINE	BEND - 11.25°, 22.5°, 45°, 90°	H H 4 4	H H H T	H H 4
G.I.S.	GEOGRAPHIC INFORMATION SYSTEM	TEE	H	凸	A
В.М.	BENCH MARK	VERTICAL BEND	Н	н	н
TH TH	TEST HOLE	ANODE		₽	₹
ELEV	ELEVATION	REPAIR MARKER		♥	
INV	INVERT	PLUG	3	J	נ
MIN	MINIMUM	SEWER PIPE			
		MANHOLE	0	0	•
MAX	MAXIMUM CTREET LIGHTING	CATCH BASIN			=
SL	STREET LIGHTING	CURB INLET	∇	∇	_ ▼
TS	TRAFFIC SIGNALS	COND INCE			
ABAND	ABANDONED	JUNCTION			
BLDG	BUILDING	G DITOU	' '		' '
HSE	HOUSE	© DITCH			
CRN	CORNER	CULVERT		#	
OPP	OPPOSITE	SURVEY BAR		₩ (A)	∓ ⑤
C/S OR S/C	CURB STOP	SURVEY MONUMENT			
MTS	MANITOBA TELEPHONE SYSTEM	TREE - DECIDUOUS		$\{\cdot\}$	
R.O.W.	RIGHT-OF-WAY				
WM	WATERMAIN	TREE - CONIFEROUS			
CULV	CULVERT				
МН	MANHOLE	HYDRO			
CB	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	O/LINE!			
EXIST	EXISTING	M.T.S., SHAW, OR VIDEON			
N	NORTH	TRAFFIC SIGNALS			
Е	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	PL			
CI	CAST IRON	PROJECTED P			
DI	DUCTILE IRON	LOT LINE			
PVC	POLYVINYL CHLORIDE	SIDEWALK - PATHWAY			
HDPE	HIGH DENSITY POLYETHYLENE	EASEMENT			
PCCP	PRESTRESSED CONCRETE CYLINDER PIPE	EDGE OF DIMENS		(//////////////////////////////////////	
	···	EDGE OF BUILDING			
		MAILBOX		M	
		PARKING METER		P	
		TEST HOLE		�	*
		TREE LINE OR BUSH			

CONSTRUCTION NOTES

1. EXPOSED EXISTING WATER MAIN & CONFIRMED INVERTS PRIOR TO CONSTRUCTION.

- 2. LOCATION OF ALL SERVICES CONFIRMED IN THE FIELD.
- 3. INSTALLED WATER MAIN BY TRENCHLESS METHODS.
- 4. TRENCHES AND EXCAVATIONS WITHIN 1 METER OF A PAVED AREA INCLUDING SIDEWALKS ARE CLASS 3 BACKFILL.
- 5. ALL MATERIALS CONFORMED TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
- 6. MINIMUM COVER TO TOP OF WATER MAIN SHALL BE 2.4 m.
- 7. REPLACED ALL EXISTING LEAD SERVICES FROM PROPOSED WATER MAIN TO P.
- 8. NOTIFIED ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY WATER SHUTDOWNS OR DISRUPTION OF SERVICE.

PROFILE ABANDONED **EXISTING** PROPOSED DESCRIPTION WATER PIPE HYDRANT TOP VALVE TEE OR CROSS COUPLING OR BEND REDUCER END OF PIPE SEWER PIPE UNPAVED GROUND SURFACE PAVED GROUND SURFACE - & PIPE GUTTER (NORTH AND WEST) GUTTER (SOUTH AND EAST) € DITCH (NORTH AND WEST) ♠ DITCH (SOUTH AND EAST) STRUCTURE MANHOLE OR CATCH BASIN

HATCH PATTERNS

EXISTING PROPOSED DESCRIPTION EARTH OR GROUND ABOVE PIPE SAND OR OTHER FINE MATERIAL CONCRETE

METAL

INTERLOCKING STONE

WASHED STONE OR GRANULAR MATERIAL

GRAVEL OR STONE

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST: 1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION. 2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.

WARNING

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

SUPV. U/G STRUCTURES COMMITTEE DATE 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.

LOCATION APPROVED UNDERGROUND STRUCTURES DESIGNED CHECKED TS DRAWN APPROVED ΚZ SCALE: RELEASED FOR CONSTRUCTION HORIZONTAL 1: 250 K.ZUREK 1:50 VERTICAL DATE 2018 05 10 DATE 2015 05 04

Winnipeg

THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT ENGINEERING DIVISION

2018 WATER MAIN RENEWALS CONTRACT 3

CITY DRAWING NUMBER D-15116

SHEET **2** OF **12**

CONSULTANT DRAWING NUMBER

ENGINEER'S SEAL

ORIGINAL SIGNED

BY S.R.J. COURNOYE

2018/05/10

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