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ABBREVIATIONS

AVP	AIR AND VAPOUR PROTECTOR
BIT	BITUMEN
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT	CONTINUOUS
CSTE	CUSTOMER SERVICE TERMINATION ENCLOSURE
CU	COPPER
DEMO	DEMOLISH
E	EAST
ELEV	ELEVATION
EPS	PLASTI-FAB EXPANDED POLYSTYRENE
EXIST	EXISTING
GA	GAUGE
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
HDPE	HIGH DENSITY POLYETHYLENE
LDS	LAND DRAINAGE SEWER
MOD	MODIFIED
N	NORTH
NTS	NOT TO SCALE
PH	PHASE
PNL	PANEL BOARD
POLY	POLYETHYLENE
PT	PRESSURE TREATED
RECEPT	RECEPTACLE
RGS	RIGID GALVANIZED STEEL
RTU	REMOTE TERMINAL UNIT
S	SOUTH
SA	SELF ADHERED
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TYP	TYPICAL
UPS	UNITERUPABLE POWER SUPPLY
WM	WATERMAIN
WWS	WASTE WATER SEWER

LEGEND

DESCRIPTION	PLAN VIEW	
	EXISTING	PROPOSED
WATER PIPE		
CROSS		
BEND - 11.25°, 22.5°, 45°, 90°		
TEE		
VERTICAL BEND		
SEWER PIPE		
MANHOLE		
CATCH BASIN		
CURB INLET		
DITCH		
CULVERT		
SURVEY BAR		
TREE - CONIFEROUS		
HYDRO		
HYDRO POLE		
LAMP STANDARD		
HYDRO POLE W/STREET LIGHTING		
POLE		
GUY ANCHOR		
PEDESTAL OR BOX		
FENCE		
EDGE OF PAVEMENT OR GUTTER		
EDGE UNPAVED OR GRAVEL ROAD		
PROPERTY LINE		
LOT LINE		
SIDEWALK - PATHWAY		

SCHEMATICS

DESCRIPTION	SYMBOL
TRANSFORMER	
CIRCUIT BREAKER	
UTILITY METER	
VALVE	
CHECK VALVE	
SOLENOID OPERATED VALVE	
MAGNETIC FLOW METER	
SOLENOID	

HATCH PATTERNS

EXISTING	NEW	DESCRIPTION
		GRAVEL RESURFACING OR LIMESTONE BASE COURSE
		EARTH
		LIMESTONE SUB-BASE
		CONCRETE (SECTION)
		CONCRETE (PLAN)
		HEATED REINFORCED PAVEMENT
		ASPHALT
		GRASS



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 UTILITIES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.		B.M. ELEV.	DESIGNED BY W.N. CHECKED BY W.N. DRAWN BY S.C.K. APPROVED BY SCALE: HORIZONTAL - VERTICAL DATE 2018 07 06 PLOT DATE: 2018 07 06	ENGINEER'S SEAL CONSULTANT DRAWING NUMBER N-01	THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION REHABILITATION OF PUBLIC WATER SERVICE OUTLETS: BILLING SYSTEM, BUILDING SUPPLY, DEMOLITION AND ELECTRICAL INDEX PAGE	SHEET 2 OF 18 CITY DRAWING NUMBER D-14908
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