

**DRAWING INDEX**

SHEET NUMBER	CITY OF WINNIPEG DRAWING NUMBER	DRAWING TITLE
1	1-0165S-D0001-001	COVER
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3	1-0165S-D0003-001	GENERAL PLAN - CONSTRUCTION STAGING
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6	1-0173F-C0001-001	POLSON COMMUNUTOR CHAMBER - SECTIONS & DETAILS
7	1-0165L-C0001-001	MUNROE SIPHON INLET CHAMBER - SECTIONS & DETAILS

**HATCH PATTERNS**

EXISTING	PROPOSED	DESCRIPTION
		EARTH OR GROUND ABOVE PIPE
		SAND OR OTHER FINE MATERIAL
		CONCRETE
		WASHED STONE OR GRANULAR MATERIAL
		INTERLOCKING STONE
		METAL
		GRAVEL OR STONE

**ABBREVIATIONS**

WWS	WASTE WATER SEWER
CS	COMBINED SEWER
LDS	LAND DRAINAGE SEWER
R	PROPERTY LINE
℄	CENTER LINE
G.I.S.	GEOGRAPHIC INFORMATION SYSTEM
B.M.	BENCH MARK
TH	TEST HOLE
ELEV	ELEVATION
INV	INVERT
MIN	MINIMUM
MAX	MAXIMUM
SL	STREET LIGHTING
TS	TRAFFIC SIGNALS
ABAND	ABANDONED
BLDG	BUILDING
HSE	HOUSE
CRN	CORNER
OPP	OPPOSITE
C/S OR S/C	CURB STOP
MTS	MANITOBA TELEPHONE SYSTEM
R.O.W.	RIGHT-OF-WAY
WM	WATERMAIN
CULV	CULVERT
MH	MANHOLE
CB	CATCH BASIN
CI	CURB INLET
VERT.	VERTICAL
HORZ.	HORIZONTAL
I.B.	IRON BAR
FIBRE	FIBRE OPTIC
TYP	TYPICAL
X-ING	CROSSING
HYD	HYDRANT
EXIST	EXISTING
N	NORTH
E	EAST
S	SOUTH
W	WEST
W/	WITH
C/W	CONSTRUCTED WITH
CONC	CONCRETE
AC	ASBESTOS CEMENT
VC OR CLAY	VITRIFIED CLAY
CI	CAST IRON
DI	DUCTILE IRON
PVC	POLYVINYL CHLORIDE
HDPE	HIGH DENSITY POLYETHYLENE
PCCP	PRESTRESSED CONCRETE CYLINDER PIPE
FRPMP	FIBRE REINFORCED POLYMER MORTAR PIPE

**LEGEND**

DESCRIPTION	EXISTING	PROPOSED
WATER PIPE		
FIRE HYDRANT VALVE		
CURB STOP REDUCER		
COUPLING OR SLIDDER CROSS		
BEND - 11.25', 22.5', 45', 90'		
TEE		
VERTICAL BEND ANODE		
REPAIR MARKER PLUG		
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		
CABINET		
M.T.S., SHAW, OR VIDEON TRAFFIC SIGNALS		
TRAFFIC LIGHT STANDARD		
GAS		
STEAM		
FIBRE OPTIC FENCE		
EDGE OF PAVEMENT OR GUTTER		
EDGE UNPAVED OR GRAVEL ROAD		
℄ PROJECTED ℄ LOT LINE		
SIDEWALK - PATHWAY EASEMENT		
EDGE OF BUILDING		
MAILBOX		
PARKING METER		
TEST HOLE		
TREE LINE OR BUSH		
SURFACE MONITORING POINT		
UTILITY MONITORING POINT		
BUILDING MONITORING POINT		

**PROFILE**

DESCRIPTION	EXISTING	PROPOSED
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		

**ENGINEERS GEOSCIENTISTS MANITOBA**  
 Certificate of Authorization  
 AECOM Canada Ltd.  
 No. 4671 Date: 2022/06/07

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. NO. REVISIONS DATE BY		ENGINEER'S SEAL ORIGINAL SIGNED BY C. Macey 06/07/22 CONSULTANT DRAWING NUMBER G-1001	<b>THE CITY OF WINNIPEG</b> WATER AND WASTE DEPARTMENT ENGINEERING SERVICES DIVISION REHABILITATION OF MUNROE AVENUE SIPHON BY CIPP LINING INDEX PAGE	SHEET 2 OF 7 CITY DRAWING NUMBER 1-0165S-D0002-001
DESIGNED BY TGB CHECKED BY MPG DRAWN BY ADL APPROVED BY CCM SCALE: HORIZONTAL VERTICAL RELEASED FOR CONSTRUCTION K Zurek DATE 2022 06 06 DATE Jun 6/22		PLOT DATE: 2022 06 06 Tender No: 444-2022		FILE PATH: C:\Users\leippla\AppData\Local\Temp\AcPublish_22556\60667457-SHT-30-Munr-G-1001.dwg FILE NAME: 60667457-SHT-30-Munr-G-1001.dwg		