DRAWING INDEX

SHEET NUMBER	CITY OF WINNIPEG DRAWING NUMBER	DRAWING TITLE
1	1-0110A-D0007-001	2018 COMMINUTOR CHAMBER PIPING AND VALVE UPGRADES — COVER PAGE
2	1-0110A-D0008-001	2018 COMMINUTOR CHAMBER PIPING AND VALVE UPGRADES - INDEX PAGE
3	1-0113L-G0001-001	2018 COMMINUTOR CHAMBER PIPING AND VALVE UPGRADES - ARMSTRONG DIVERSION CHAMBER SITE PLAN - MAIN STREET AT ARMSTRONG AVENU
4	1-0113L-M0001-001	2018 COMMINUTOR CHAMBER PIPING AND VALVE UPGRADES - ARMSTRONG DIVERSION CHAMBER - MAIN STREET AT ARMSTRONG AVENUE
5	1-0128L-G0001-001	2018 COMMINUTOR CHAMBER PIPING AND VALVE UPGRADES - COLONY DIVERSION CHAMBER SITE PLAN - COLONY STREET AT GRANITE WAY
6	1-0128L-M0001-001	2018 COMMINUTOR CHAMBER PIPING AND VALVE UPGRADES - COLONY DIVERSION CHAMBER - COLONY STREET AT GRANITE WAY
7	1-0136L-G0001-001	2018 COMMINUTOR CHAMBER PIPING AND VALVE UPGRADES - DESPINS LIFT STATION SITE PLAN - RUE DESPINS AT TACHE AVENUE
8	1-0136L-M0001-001	2018 COMMINUTOR CHAMBER PIPING AND VALVE UPGRADES - DESPINS LIFT STATION - RUE DESPINS AT TACHE AVENUE
9	1-0181L-G0001-001	2018 COMMINUTOR CHAMBER PIPING AND VALVE UPGRADES — SELKIRK DIVERSION CHAMBER SITE PLAN — AT SELKIRK AVENUE
10	1-0181L-M0001-001	2018 COMMINUTOR CHAMBER PIPING AND VALVE UPGRADES — SELKIRK DIVERSION CHAMBER — AT SELKIRK AVENUE

HATCH PATTERNS

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

ABBREVIATIONS

WWS	WASTE WATER SEWER		
CS	COMBINED SEWER		
LDS	LAND DRAINAGE SEWER		
ዊ	PROPERTY LINE		
Q	CENTER LINE		
G.I.S.	GEOGRAPHIC INFORMATION SYSTEM		
B.M.	BENCH MARK		
TH	TEST HOLE		
ELEV	ELEVATION		
INV	INVERT		
MIN	MINIMUM MAXIMUM		
MAX			
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		
МН	MANHOLE		
СВ	CATCH BASIN		
Cl	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 CLAT	CAST IRON		
DI			
PVC	DUCTILE IRON POLYVINYL CHLORIDE		
HDPE	HIGH DENSITY POLYETHYLENE		
PCCP	PRESTRESSED CONCRETE CYLINDER PIP		

LEGEND

	PLAN VIEW	
DESCRIPTION	EXISTING	PROPOSED
WATER PIPE		
FIRE HYDRANT	-	+
VALVE	⊗	, τ ⊗
CURB STOP	o'	•
REDUCER	4	4
COUPLING OR SLIDDER	X	X
CROSS	~ ⊕	Ф
BEND - 11.25°, 22.5°, 45°, 90°	H H H T	 H H H H
TEE	A	A A
VERTICAL BEND	Н	Н
ANODE		₹
REPAIR MARKER	8	_
PLUG]	3
SEWER PIPE		
MANHOLE	0	• -
CATCH BASIN		
CURB INLET	∇	▼
JUNCTION		
€ DITCH	$\longrightarrow \hspace{0.1cm} \longrightarrow 0.1cm$	\rightarrow \rightarrow \rightarrow $-$
CULVERT		
SURVEY BAR	-	+
SURVEY MONUMENT	(A)	(A)
TREE - DECIDUOUS		
TREE - CONIFEROUS		
HYDRO		
HYDRO POLE	•н	
LAMP STANDARD	•••	
HYDRO POLE W/STREET LIGHTING	Н⊕—	
POLE	•	
GUY ANCHOR	(
M.T.S. POLE	● M	
PEDESTAL OR BOX	⊠	
CABINET		
M.T.S., SHAW, OR VIDEON		
TRAFFIC SIGNALS		_ · _ · _ · _
TRAFFIC LIGHT STANDARD	→	
GAS		
STEAM		
FIBRE OPTIC		
FENCE	xx	xx
EDGE OF PAVEMENT OR GUTTER		
EDGE UNPAVED OR GRAVEL ROAD		
ዊ		
PROJECTED L		
LOT LINE		
SIDEWALK - PATHWAY		-
EASEMENT		
EDGE OF BUILDING		
MAILBOX	M	
PARKING METER	P	
TEST HOLE	— ◆	•
TREE LINE OR BUSH	· · · · · · · · · · · · · · · · · · ·	т
· ·		

THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT

ENGINEERING DIVISION

SHEET 2 OF 10

2018 COMMINUTOR CHAMBER PIPING & VALVE UPGRADES INDEX PAGE

CONSTRUCTION NOTES

WARNING

1) NOTIFY THE GAS COMPANY OF THE

2) TAKE PRECAUTION TO AVOID DAMAGE

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

TO GAS COMPANY INSTALLATIONS.

- 1. ALL DIMENSIONS TO BE CONFIRMED BY CONTRACTOR.
- 2. ALL MATERIALS SHALL CONFORM TO THE CITY OF WINNIPEG STANDARD CONSTRUCTION SPECIFICATIONS.
- 3. NOTIFY ALL AFFECTED RESIDENTS AND BUSINESSES 24 HOURS IN ADVANCE OF ANY DISRUPTION OF SERVICE.

B.M. ELEV. ENGINEER'S SEAL LOCATION APPROVED UNDERGROUND STRUCTURES IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST: ORIGINAL SIGNED Winnipeg BY S.R.J. SUPV. U/G STRUCTURES COMMITTEE DATE COURNOYER DESIGNED BY CHECKED BY SC 18/11/07 PROPOSED LOCATION OF EXCAVATION. NOTE: DRAWN BY APPROVED 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. RS ΚZ

SCALE: HORIZONTAL

VERTICAL

DATE

NTS

NTS

2018 11 08

RELEASED FOR CONSTRUCTION

DATE 2018 11 07

KAS ZUREK

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CONSULTANT DRAWING NUMBER