





## CONSTRUCTION NOTES:

- 1. ALLOWABLE SHUTDOWN TIME: MAX. 7.0 HRS OR AS DETERMINED BY COLLECTIONS STAFF
- 2. CRITICAL BASEMENT ELEVATION: 228.000
- 3. REMOVE EXISTING CONCRETE PIPING, VALVES, FITTINGS, AND OTHER MATERIALS
- AS REQUIRED. INSTALL NEW PUMPS, MOTORS, PIPING, VALVES AND FITTINGS AS SHOWN.
- 4. PROVIDED TEMPORARY BY-PASS PUMPING OF WASTEWATER DURING CONSTRUCTION.
- 5. INSTALL MECHANICAL WORKS AS INDICATED AND ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
- 6. EXCAVATIONS TO BE BACKFILLED WITH CLASS 3 OR CLASS 5 BACKFILL IN ACCORDANCE WITH CW 2030 AND SD-002.
- 7. FLANGE NUTS & BOLTS TO BE ASTM A307.
- 8. GASKETS TO BE FULL FACED, 3mm THICK RED RUBBER.
- 9. CONTRACTOR TO CONFIRM ALL DIMENSIONS BEFORE ASSEMBLING PIPE.
- 10. ALL ANCHOR BOLTS TO BE ASTM A276 TYPE 316 SS.

			MATERIALS				
SEWER							
ITEM	DESCRIPTION	MATERIAL	MANUFACTURER	END	LENGTH	QUANTITY	TYPE
1	6000 VALVE/ASSEMBLY			FL	685.8±	1	
2	600¢ PIPE	CAST IRON		FL+PE		1	
3	600ø TEE	CAST IRON		FL		1	
4	600¢ FLANGED WALL THIMBLE	DI				2	
5	600Ø BLIND FLANGE	DI				2	
6	600¢ UNI-FLANGE	DI				1	
7	600Ø BEND	DI				1	45°
8	38¢ GATE VALVE					1	
9	38ø PIPE	ABS				1	
10	38¢ CHECK VALVE						
11	75¢ ONE WAY AIR VALVE					1	
12	75¢ CHECK VALVE					1	
13	75ø PIPE	ABS				1	
14	SUMP PUMP					1	110V, MIN 1/3 HF
15	75ø GATE VALVE					1	
16	380 ONE WAY AIR VALVE					1	
17	600ø PIPE FLANGE					2	

FOR INDEX SEE 1-0110A-D0008-001

WARNING	LOCATION APPROVED UNDERGROUND STRUCTURES
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:	SUPV. U/G STRUCTURES DATE COMMITTEE
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.	NOTE:
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.	LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT A EXISTING UTILITIES ARE SHOWN OR THAT THE GIV LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SEPURCES MUST BE OBTAINED FROM THE INDIVIDUAL

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

UNDERGROUND STRUC	CTURES
SUPV. U/G STRUCTURES COMMITTEE	DATE
NOTE:  LOCATION OF UNDERGROUND STR SHOWN ARE BASED ON THE BEST AVAILABLE BUT NO GUARANTEE IS OF EXISTING UTILITIES ARE SHOWN OR THE LOCATIONS ARE EXACT. CONFIRE EXISTENCE AND EXACT LOCATIONS BEOMETHIS BEFORE PROCEEDING WITH	INFORMATION GIVEN THAT A THAT THE GIVEN MATION OF ION OF ALL THE INDIVIDU

B.M. ELEV.				
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	DESIGNED BY	TS	CHECKED BY	SC
	DRAWN BY	RS	APPROVED BY	KZ
	SCALE: HORIZONTAL VERTICAL	NTS NTS	RELEASED FOR CONSTRUCTION	ZUREK

DATE DATE 2018 11 08

ER'S SEAL	
RIGINAL SIGNED BY S.R.J. COURNOYER 18/11/07	W

CONSULTANT DRAWING NUMBER

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

ENGINEERING DIVISION

2018 COMMINUTOR CHAMBER PIPING & VALVE UPGRADES COLONY DIVERSION CHAMBER COLONY STREET AT GRANITE WAY

-0128L-M0001-001

FILE PATH: R:\DRAWINGS\SEWER\2018 RENEWALS\LIFT STATIONS\COLONY\CONSTRUCTION DWG\FILE NAME: COLONY.dwg BID OPPORTUNITY: 1035-2018