

SIDE VIEW

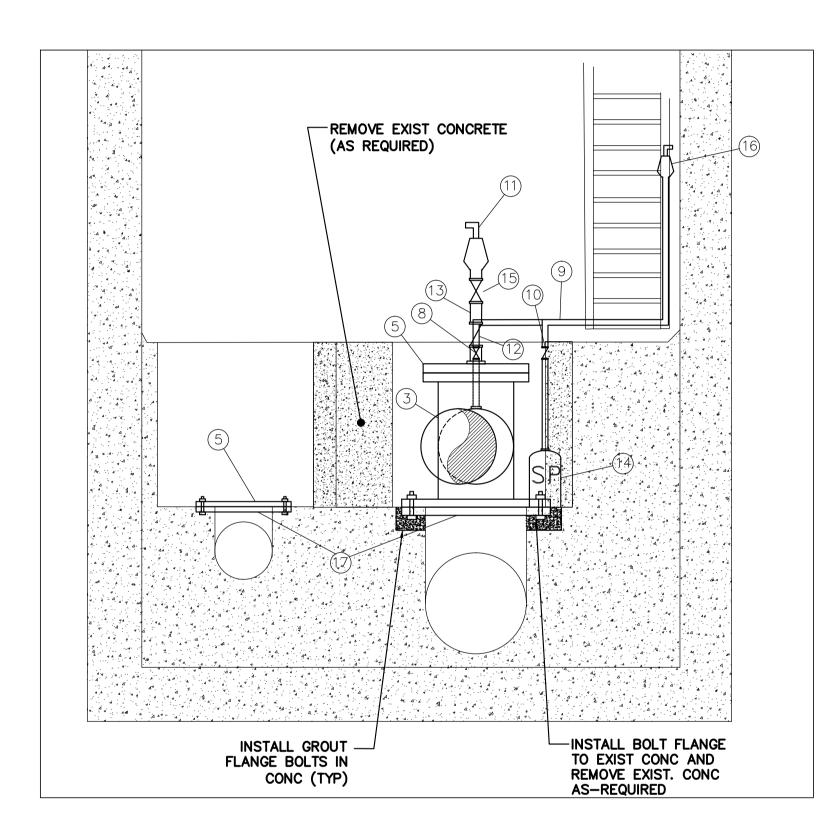
			MATERIALS									
SEWER												
ITEM	DESCRIPTION	MATERIAL	MANUFACTURER	END	LENGTH	QUANTITY	TYPE					
1	5000 VALVE/ASSEMBLY			FL	579.1±	1						
2	500¢ PIPE	CAST IRON		FL+PE	_	1						
3	500ø TEE	CAST IRON		FL		1						
4	500¢ FLANGED WALL THIMBLE	DI				2						
5	500Ø BLIND FLANGE	DI				2						
6	500¢ UNI-FLANGE	DI				1						
7	500Ø BEND	DI				1	22.5°					
8	38¢ GATE VALVE					1						
9	38ø PIPE	ABS				1						
10	38¢ CHECK VALVE					1						
11	75ø ONE WAY AIR VALVE					1						
12	75¢ CHECK VALVE					1						
13	75ø PIPE	ABS				1						
14	SUMP PUMP					1	110V, MIN 1/3 H					
15	75ø GATE VALVE					1						
16	38¢ ONE WAY AIR VALVE					1						
17	500¢ PIPE FLANGE					2						

CONSTRUCTION NOTES:

- 1. ALLOWABLE SHUTDOWN TIME: MAX. 16.4 HRS OR AS DETERMINED BY COLLECTIONS STAFF
- 2. CRITICAL BASEMENT ELEVATION: 227.252
- 3. REMOVE EXISTING CONCRETE PIPING, VALVES, FITTINGS, AND OTHER MATERIALS
- AS REQUIRED. INSTALL NEW PUMPS, MOTORS, PIPING, VALVES AND FITTINGS AS SHOWN.
- 4. PROVIDE TEMPORARY BY-PASS PUMPING OF WASTEWATER DURING CONSTRUCTION.

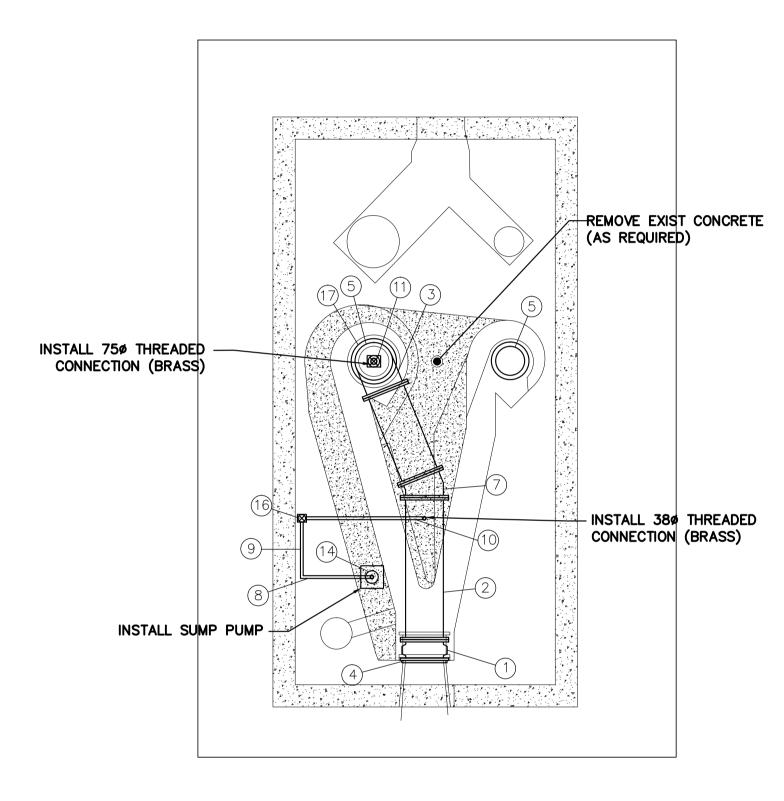
5. INSTALL MECHANICAL WORKS AS INDICATED AND ACCORDING TO MANUFACTURER'S SPECIFICATIONS.

- 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.



FRONT VIEW 1:1000

PLOT DATE: 2018 11 08



FOR INDEX SEE 1-0110A-D0008-001

SHEET 10 OF 10

WARNING	LOCATION APPROVED UNDERGROUND STRUCTURES	B.M. ELEV.				ENGINEER'S SEAL
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:	SUPV. U/G STRUCTURES DATE					ORIGINAL SIGNED BY S.R.J.
NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.	LOCATION OF UNDERGROUND STRUCTURES AS			DESIGNED TS	CHECKED SC	COURNOYER 18/11/07
2) TAKE PRECAUTION TO AVOID DAMAGE				DRAWN BY RS	APPROVED KZ	
TO GAS COMPANY INSTALLATIONS.				SCALE: HORIZONTAL VARIES VERTICAL VARIES	RELEASED FOR CONSTRUCTION KAS ZUREK	CONSULTANT DRAWING NUMBER
SEE PROVINCIAL REGULATION 210/72 FOR DETAILS	UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.	NO. REVISIONS	DATE BY	DATE 2018 11 08	DATE 2018 11 07	_

Winnipeg

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

ENGINEERING DIVISION

2018 COMMINUTOR CHAMBER PIPING & VALVE UPGRADES SELKIRK DIVERSION CHAMBER

AT SELKIRK AVENUE 1-0181L-M0001-001

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