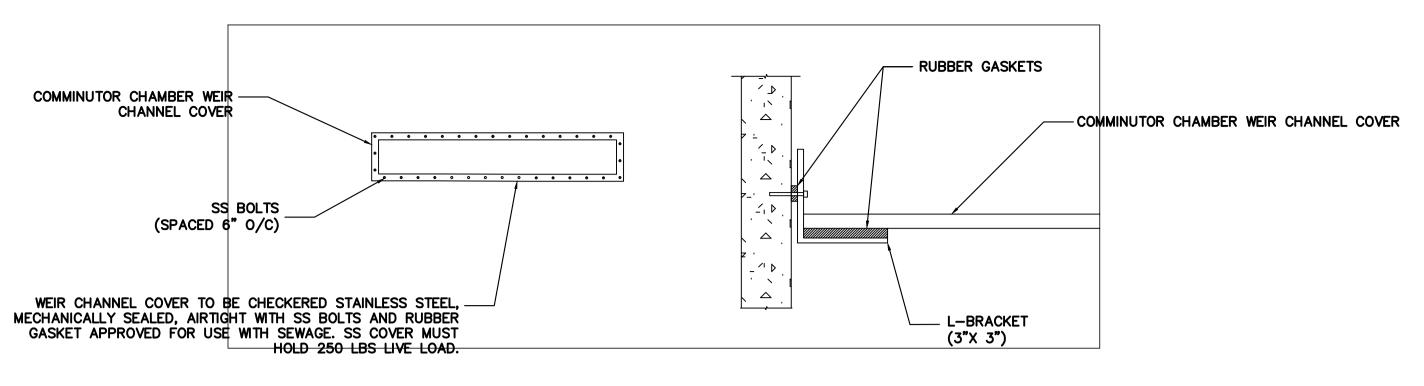


SIDE VIEW 1:1000

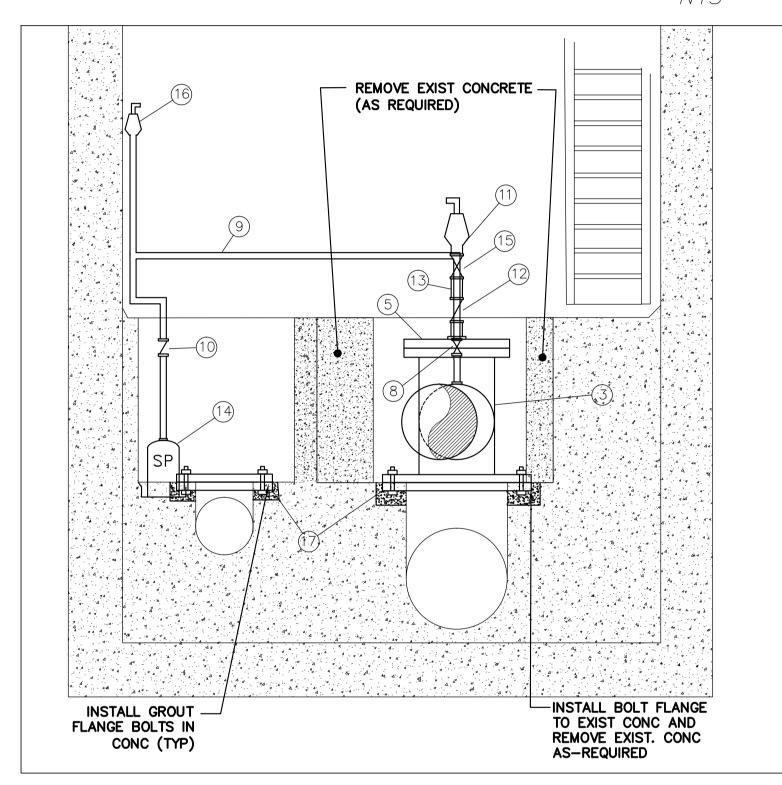
CONSTRUCTION NOTES:

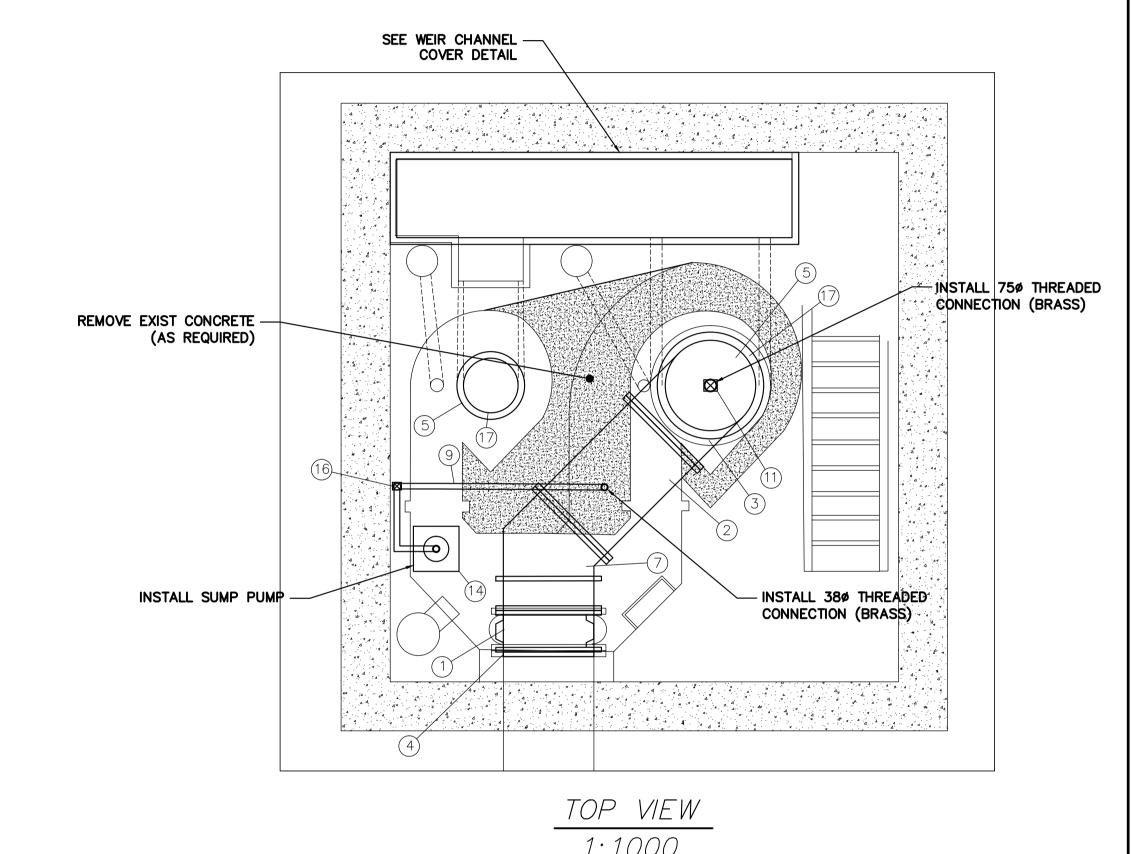
- 1. ALLOWABLE SHUTDOWN TIME: MAX. 4.0 HRS OR AS DETERMINED BY COLLECTIONS STAFF
- 2. CRITICAL BASEMENT ELEVATION: 227.052
- 3. REMOVE EXISTING CONCRETE PIPING, VALVES, FITTINGS, AND OTHER MATERIALS
- AS REQUIRED. INSTALL NEW PUMPS, MOTORS, PIPING, VALVES AND FITTINGS AS SHOWN.
- 4. PROVIDE TEMPORARY 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 ARE 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.



WEIR CHANNEL COVER DETAIL

(TYPICAL)





FRONT VIEW

MATERIALS SEWER MANUFACTURER ITEM LENGTH QUANTITY DESCRIPTION MATERIAL END TYPE 600¢ VALVE/ASSEMBLY 685.8± CAST IRON CAST IRON 600ø TEE FL 600¢ FLANGED WALL THIMBLE DI 600¢ BLIND FLANGE 600¢ UNI-FLANGE 600Ø BEND DI 1 38¢ GATE VALVE 38ø PIPE ABS 38¢ CHECK VALVE 75¢ ONE WAY AIR VALVE 12 75¢ CHECK VALVE SUMP PUMP 1 110V, MIN 1/3 HF 75ø GATE VALVE 1 380 ONE WAY AIR VALVE 600¢ PIPE FLANGE

KAS ZUREK

DATE 2018 11 07

FOR INDEX SEE 1-0110A-D0008-001

WARNING					
IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:					
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.					
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.					

SEE PROVINCIAL REGULATION 210/72 FOR DETAILS

SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL

UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

LOCATION APPROVED UNDERGROUND STRUCTURES	B.M. ELEV.			
SUPV. U/G STRUCTURES DATE	_			
COMMITTÉE		DESIGNED BY	TS	CHECKED BY
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		DRAWN BY	RS	APPROVED BY
		SCALE: HORIZONTAL	1:1000	RELEASED FOR CONSTRUCTION

DATE BY

2018 11 08

ENGINEER'S SEAL ORIGINAL SIGNED BY S.R.J. COURNOYER 18/11/07

CONSULTANT DRAWING NUMBER

0 Winnipeg

THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT

ENGINEERING DIVISION

2018 COMMINUTOR CHAMBER PIPING & VALVE UPGRADES ARMSTRONG DIVERSION CHAMBER MAIN STREET AT ARMSTRONG AVENUE

1-0113L-M0001-001 SHEET 4 OF 10 BID OPPORTUNITY: 1035-2018

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