



CONSTRUCTION NOTES:

1. ALLOWABLE SHUTDOWN TIME: MAX. 42.0 HRS OR AS DETERMINED BY COLLECTIONS STAFF.
2. CRITICAL BASEMENT ELEVATION: 226.543
3. REMOVE EXISTING CONCRETE PIPING, FITTINGS, AND OTHER MATERIALS AS REQUIRED. INSTALL NEW, 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. FLANGE NUTS & BOLTS TO BE ASTM A307.
7. GASKETS TO BE FULL FACED, 3 THICK RED RUBBER.
8. CONTRACTOR TO CONFIRM ALL DIMENSIONS BEFORE ASSEMBLING PIPE.
9. ALL ANCHOR BOLTS TO BE ASTM A276 TYPE 316 SS.

MATERIALS LIST

ITEM	DESCRIPTION	ENDS	LENGTH	QUANTITY
①	* 500Ø NON RISING STEM GATE VALVES W/PEDESTAL OPERATORS	FL	6781±	1
②	500Ø PIPE	FL+PE	352±	1
③	500Ø CAST IRON 22.5' BEND	FL	-	1
④	500Ø CAST IRON TEE	FL	-	1
⑤	500Ø DI FLANGED WALL THIMBLE	-	-	2
⑥	500Ø DI BLIND FLANGE	-	-	2
⑦	500Ø UNI-FLANGE	-	-	1
⑧	500Ø PIPE	FL	327±	1
⑨	38Ø GATE VALVE	-	-	1
⑩	38Ø CHECK VALVE	-	-	1
⑪	38Ø TYPE 316 SS PIPE	-	-	1
⑫	75Ø ONE WAY AIR VALVE	-	-	1
⑬	75Ø CHECK VALVE	-	-	1
⑭	75Ø TYPE 316 SS PIPE	-	-	1
⑮	110V, MIN 1/3 HP, SUMP PUMP W/FLOAT SWITCH	-	-	1

NOTE:
 LENGTHS & DIMENSIONS SHOWN AS ± TO BE FIELD CONFIRMED BY CONTRACTOR
 * ITEMS SUPPLIED BY CITY
 - CONTRACTOR TO SUPPLY CABLES & CONDUIT FROM SUMP PUMPS TO ELECTRICAL OUTLETS IN COMMUNITOR ROOM
 - VALVE PEDESTAL OPERATORS TO HAVE POSITION INDICATORS.

METRIC
 WHOLE NUMBERS INDICATE MILLIMETRES
 DECIMALIZED NUMBERS INDICATE METRES

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	DESIGNED BY NC DRAWN BY RS SCALE: HORIZONTAL NTS VERTICAL NTS DATE 2015 09 25 PLOT DATE: 2015 09 25	CHECKED BY NC APPROVED BY NC RELEASED FOR CONSTRUCTION DATE	ENGINEER'S SEAL ORIGINAL SIGNED BY N.M. CONTI 15/09/25 CONSULTANT DRAWING NUMBER	THE CITY OF WINNIPEG WATER AND WASTE DEPARTMENT ENGINEERING DIVISION 2015 COMMUNITOR CHAMBER PIPING & VALVE UPGRADES COCKBURN LIFT STATION COCKBURN STREET S & CHURCHILL DRIVE	SHEET 3 OF 11 CITY DRAWING NUMBER 1-0127L-M001-001
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