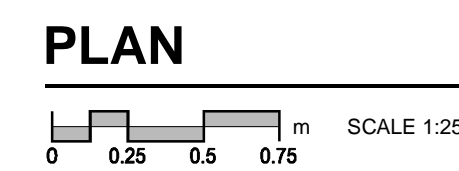


FOR TYPICAL CONCRETE PIPE SUPPORTS & THRUST BLOCKS, SEE DETAIL DWG No. D-11931



ITEM	DESCRIPTION	LENGTH	NUMBER
1	1220 x 1067 TOP TANGENT REDUCING WALL PIECE, B X F, C/W THRUST FLANGE, 100 BOTTOM TANGENT FLANGED OUTLET, AND 50 THREADED OUTLET (TOP)	2345	1
2	1067 AWWA C504 BUTTERFLY VALVE F X F (SUPPLIED BY OTHERS)	305	1
3	1067 SPOOL F X PE	350	1
4	1067 AWWA C 219 SLEEVE COUPLER	-	2
5	1067 X 914 TEE, PE X PE X F, C/W 100 BOTTOM TANGENT FLANGED OUTLET, AND 150 FLANGED OUTLET (TOP)	2550	1
6	1067 PIPE, F X PE, C/W 600 FLANGED OUTLET (TOP) AND CLASS D BLIND FLANGE	2690	1
7	1067 ELECTROMAGNETIC FLOW METER (SUPPLIED BY OTHERS)	-	1
8	1067 WALL PIECE F X B, C/W THRUST FLANGE	1745	1
9	914 AWWA C504 BUTTERFLY VALVE (SUPPLIED BY OTHERS)	305	1
10	914 SPOOL F X PE	350	1
11	914 AWWA C 219 SLEEVE COUPLER	-	1
12	914 WALL PIECE PE X B, C/W THRUST FLANGE, 100 BOTTOM TANGENT FLANGED OUTLET, AND 50 THREADED OUTLET (TOP)	2560	1
13	150 COMBINATION AIR VALVE (SUPPLIED BY OTHERS)	-	1
14	100 CAST IRON BALL VALVE F x F	-	4
15	100 DUCTILE IRON 90 BEND	-	4
16	100 DUCTILE IRON 11.25 BEND	-	1
17	100 DUCTILE IRON TEE	-	2
18	100 STEEL THREADED FLANGE	-	16
19	100 DUCTILE IRON PIPING	-	TO SUIT
20	50 SCHEDULE 80 STEEL NIPPLE (THREADED)	-	3
21	50 STEEL FLANGE CL 125 (THREADED) C/W ISOLATION KIT	-	3
22	50 CAST BRONZE OR BRASS FLANGE (THREADED)	-	3
23	50 CAST BRONZE OR BRASS NIPPLE (THREADED)	-	3
24	50 BRONZE BALL VALVE (THREADED)	-	4
25	50 QUICK COUPLER (CAM LOCK)	-	2
26	ELECTRIC VALVE ACTUATOR AND STAND (SUPPLIED BY OTHERS)	-	2
27	VALVE STEM GUIDE (SUPPLIED BY OTHERS)	TO SUIT	2
28	VALVE STEM (SUPPLIED BY OTHERS)	TO SUIT	2
29	150 PVC DR 35 SUBDRAIN REF CW SD-245	-	TO SUIT
30	150 PVC DR 35 SOLID DRAIN PIPE	-	TO SUIT
31	150 PVC H x FPT ADAPTOR	-	1
32	150x150 PVC DR 35 CROSS	-	1
33	150 PVC P-TRAP	-	1
34	150 MPT PLUG	-	1
35	150 PVC BACKWATER VALVE	-	1
36	150x150 PVC TEE	-	1
37	PRESSURE TRANSMITTER	-	1
38	150 BUTTERFLY VALVE	-	1

PLAN

LOCATION APPROVED UNDERGROUND STRUCTURES

SUPR. 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.

Certificate of Authorization

AECOM Canada Ltd.

No. 4671 Date: 10/02/09

DESIGNED BY: MGM/ADB

CHECKED BY: M. McDonald

DRAWN BY: WJd/ADL

APPROVED BY: Bryan Weber

HOR. SCALE: AS NOTED

VERT. SCALE: N/A

DATE: 10/02/09

RELEASED FOR CONSTRUCTION: K. Zurek

DATE: Feb 9/10

PROFESSIONAL'S SEAL

Revision '0'

Issued for Construction

WAS SEALED BY

C. C. MACEY

AND DATED

08 Feb 2010

CONSULTANT DRAWING NO.

D265-250-00_01-C-4001_RX.dwg

THE CITY OF WINNIPEG

WATER AND WASTE DEPARTMENT

BRANCH 1 AQUEDUCT VALVE CHAMBER

AT McPHILLIPS STREET

PUMPING STATION

CIVIL

VALVE CHAMBER - SECTIONS & DETAILS 1

SHEET 5 OF 28

CITY DRAWING NUMBER

D-11915

REV 0