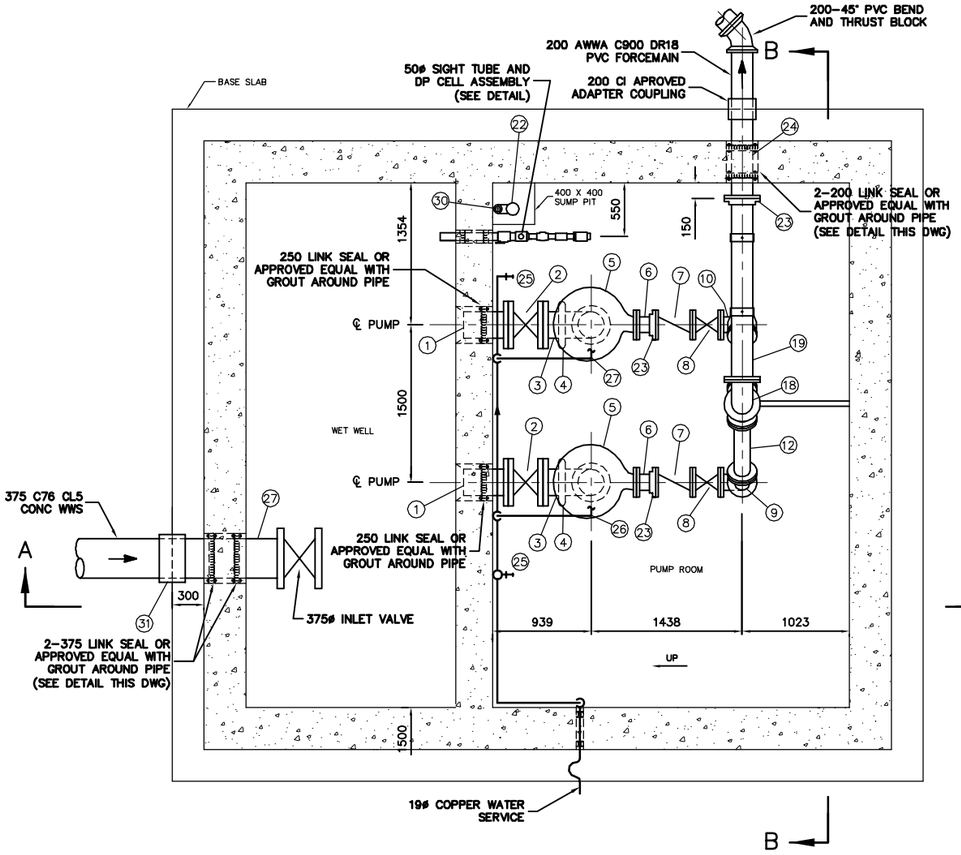
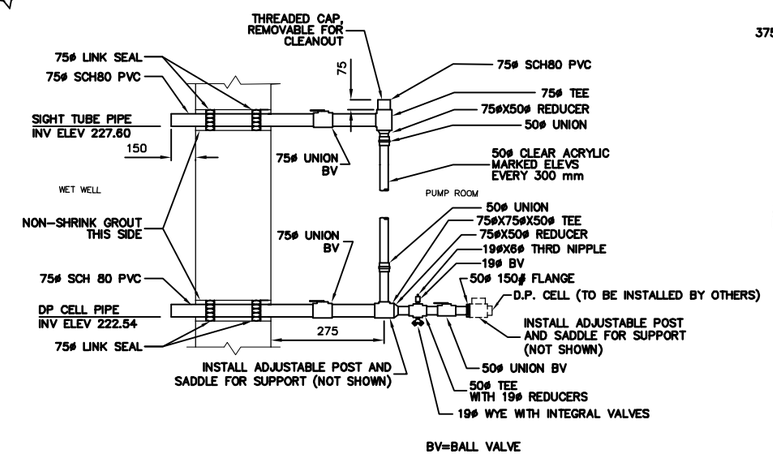


PLAN VIEW AT ELEV 228.950

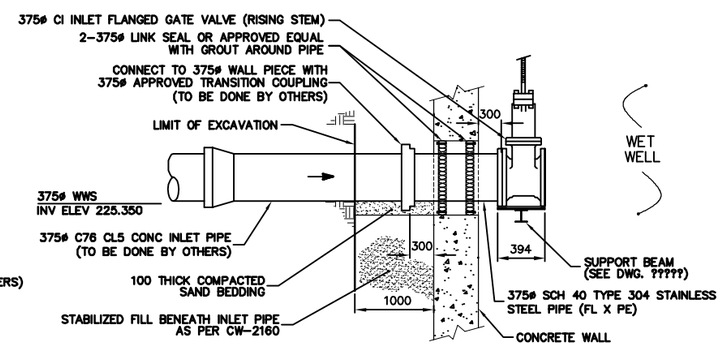
SCALE 1:30



BV=BALL VALVE

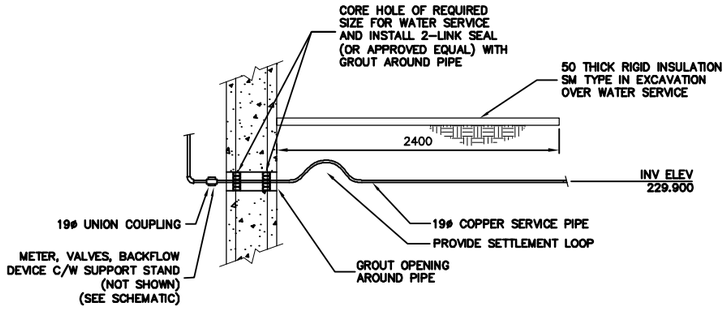
SIGHT TUBE & D.P. CELL DETAIL

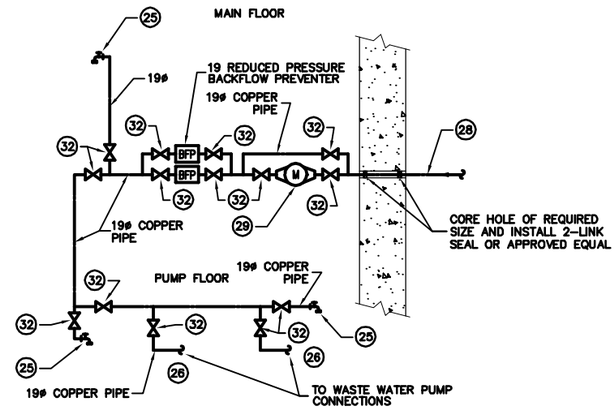
NTS



INLET PIPE DETAIL

SCALE NTS



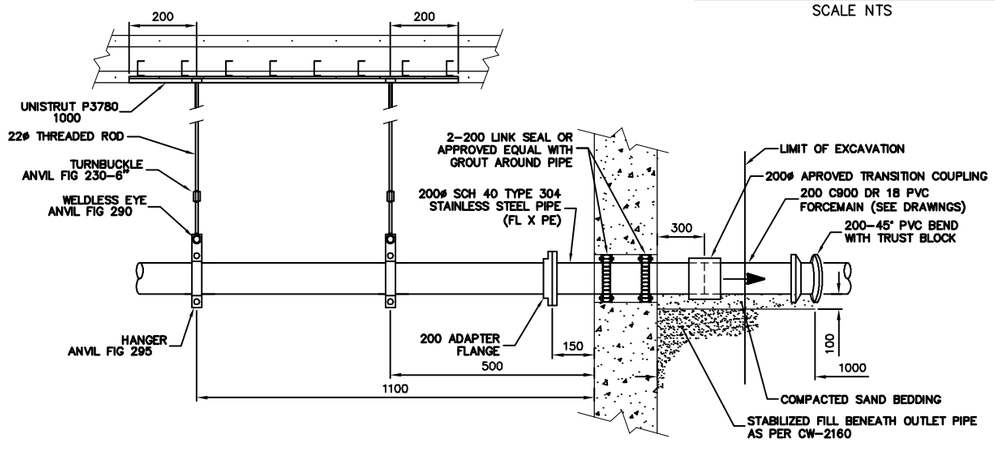


WATER SERVICE DETAIL

SCALE NTS

WATER PIPING SCHEMATIC

SCALE NTS



FORCEMAIN CONNECTION AND PIPE HANGER DETAIL

SCALE NTS

MATERIALS LIST

ITEM	DESCRIPTION	ENDS	LENGTH	QUANTITY	NOTES
1	250ø INLET PIPE	FL X PE	250	2	
2	250ø GATE VALVE – RISING STEM	FL	330	2	
3	250ø SEGMENT PIPE	FL X PE	180	2	
4	250 ADAPTER FLANGE	–	–	2	
5	CENTRIFUGAL WASTEWATER SEWAGE PUMP	FL	–	2	
6	150ø SEGMENT PIPE	FL X PE	180	2	
7	150ø CHECK VALVE WITH RUBBER FLAP	FL	356	2	
8	150ø GATE VALVE – RISING STEM	FL	267	2	
9	150ø CAST IRON 90° STD RAD BEND C/W BASE	FL	–	2	
10	150ø SEGMENT PIPE	FL X PE	1100±	2	
11	150ø 45° STD RAD BEND	FL	–	2	
12	150ø SEGMENT PIPE	FL X FL	734±	2	
13	150 X 150 X 150 WYE	FL	–	1	
14	200ø SEGMENT PIPE	FL	1320±	1	
15	200 X 150 CAST IRON CONCENTRIC REDUCER	FL	280±	1	
16	200ø ROSEMOUNT FLOWMETER	FL	350	1	
17	200ø SEGMENT PIPE	FL X PE	400	1	
18	200ø CAST IRON 90° STD RAD BEND	FL	–	1	
19	200ø SEGMENT PIPE	FL X PE	1740±	1	
20	200ø GATE VALVE – RISING STEM	FL	–	1	
21	150ø ADAPTER FLANGE	–	–	2	
22	38 – 50 SUMP PUMP C/W FLOAT SWITCH	–	–	1	
23	200ø ADAPTER FLANGE	–	–	3	
24	200ø SCH 40 TYPE 304 SS PIPE SEGMENT	FL X PE	850±	1	
25	12 HOSE BIBB C/W B.F.P.	–	–	3	
26	19ø COPPER PIPE	–	AS REQ'D	–	
27	375ø SCH 40 TYPE 304 SS PIPE SEGMENT	FL X PE	1000±	1	
28	19ø COPPER WATER SERVICE	–	–	1	
29	19ø WATER METER (PROVIDED BY CITY)	–	–	1	
30	50ø SUMP DISCHARGE	–	–	–	
31	375ø APPROVED TRANSITION COUPLING	–	–	1	
32	19ø BRASS GLOBE VALVES	UNION	–	14	

NOTE: LENGTHS SHOWN AS ± TO BE FIELD CONFIRMED BY CONTRACTOR

METRIC
WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

B.M. ELEV.	FIELD BOOK #:		
POSTED TO LBIS			
NO.	REVISIONS	DATE	BY

CITY OF WINNIPEG
WATER AND WASTE
ENGINEERING DIVISION

DESIGNED BY	SC	CHECKED BY	TW
DRAWN BY	CJH	APPROVED BY	KZ
HOR. SCALE	AS SHOWN	RELEASED FOR CONSTRUCTION	SIGNED BY K. ZUREK
VERTICAL			
DATE	2008 02 13	DATE	08/02/13

ENGINEER'S SEAL

ORIGINAL SIGNED BY S.R.J. COURNOYER 08/02/13

BID OPPURTUNITY: 892–2007
FILENAME : 07599.dwg
PLOT DATE: 2008 02 13

Winnipeg

THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

DUGALD ROAD WASTEWATER PUMPING STATION

MECHANICAL PIPING PLAN VIEWS & DETAILS

SHEET 14 OF 14

CITY DRAWING NUMBER 07599