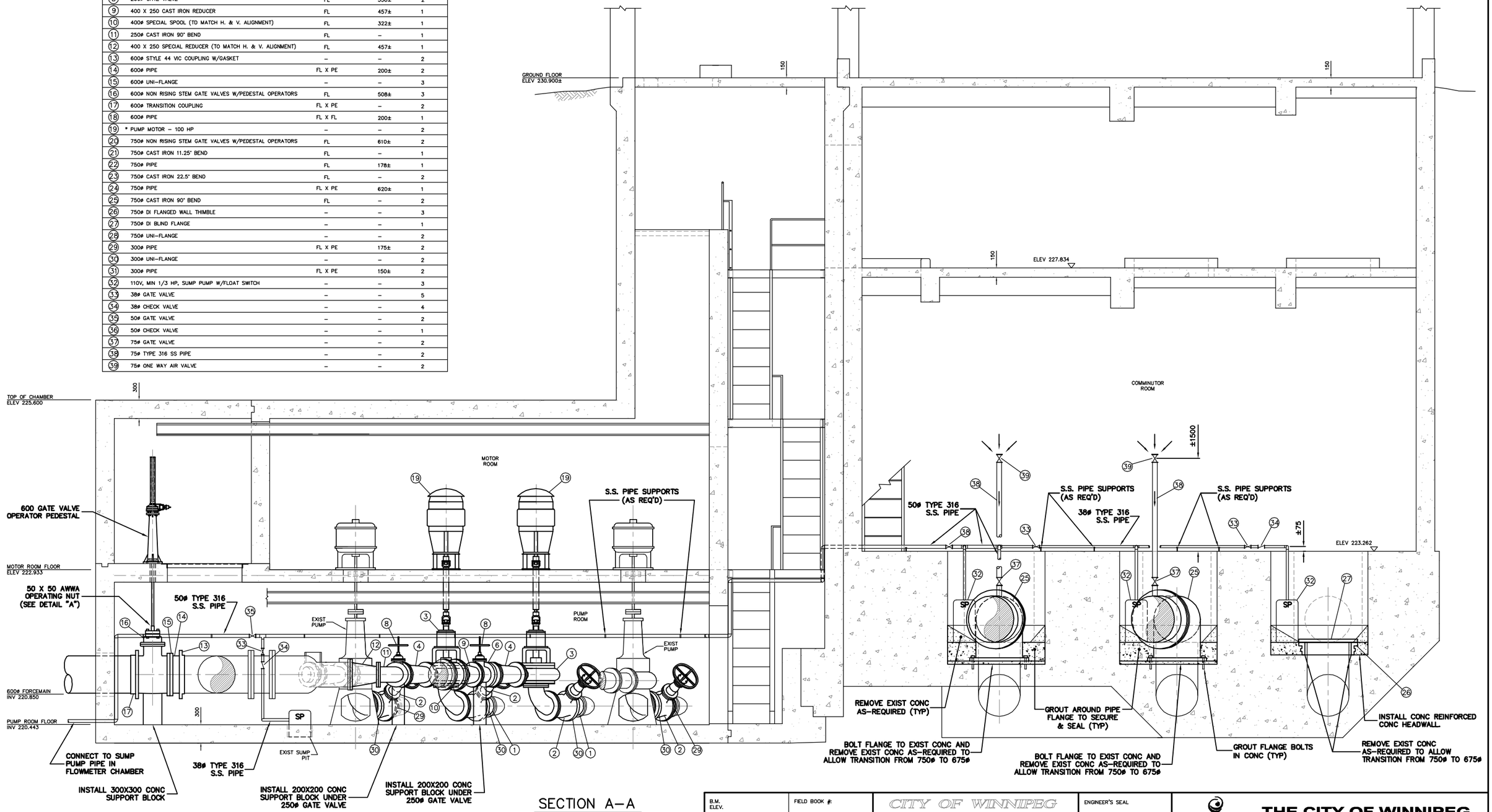
MATERIALS LIST

ITEM	DESCRIPTION	ENDS	LENGTH	QUANTITY
1	300ø PIPE	FL X PE	300±	2
2	300ø GATE VALVE	FL	355±	2
3	* FLOWSERVE PUMP – MODEL 10MFV–16	FL	940±	2
4	250ø CHECK VALVE WITH RUBBER FLAP	FL	622±	2
5	250ø PIPE	FL	150±	1
6	250ø UNI–FLANGE	–	–	1
7	250ø CAST IRON 45° BEND	FL	–	1
8	250ø GATE VALVE	FL	330±	2
9	400 X 250 CAST IRON REDUCER	FL	457±	1
10	400ø SPECIAL SPOOL (TO MATCH H. & V. ALIGNMENT)	FL	322±	1
11	250ø CAST IRON 90° BEND	FL	–	1
12	400 X 250 SPECIAL REDUCER (TO MATCH H. & V. ALIGNMENT)	FL	457±	1
13	600ø STYLE 44 VIC COUPLING W/GASKET	–	–	2
14	600ø PIPE	FL X PE	200±	2
15	600ø UNI–FLANGE	–	–	3
16	600ø NON RISING STEM GATE VALVES W/PEDESTAL OPERATORS	FL	508±	3
17	600ø TRANSITION COUPLING	FL X PE	–	2
18	600ø PIPE	FL X FL	200±	1
19	* PUMP MOTOR – 100 HP	–	–	2
20	750ø NON RISING STEM GATE VALVES W/PEDESTAL OPERATORS	FL	610±	2
21	750ø CAST IRON 11.25° BEND	FL	–	1
22	750ø PIPE	FL	178±	1
23	750ø CAST IRON 22.5° BEND	FL	–	2
24	750ø PIPE	FL X PE	620±	1
25	750ø CAST IRON 90° BEND	FL	–	2
26	750ø DI FLANGED WALL THIMBLE	–	–	3
27	750ø DI BLIND FLANGE	–	–	1
28	750ø UNI–FLANGE	–	–	2
29	300ø PIPE	FL X PE	175±	2
30	300ø UNI–FLANGE	–	–	2
31	300ø PIPE	FL X PE	150±	2
32	110V, MIN 1/3 HP, SUMP PUMP W/FLOAT SWITCH	–	–	3
33	38ø GATE VALVE	–	–	5
34	38ø CHECK VALVE	–	–	4
35	50ø GATE VALVE	–	–	2
36	50ø CHECK VALVE	–	–	1
37	75ø GATE VALVE	–	–	2
38	75ø TYPE 316 SS PIPE	–	–	2
39	75ø ONE WAY AIR VALVE	–	–	2

NOTE:
- LENGTHS & DIMENSIONS SHOWN AS ± TO BE FIELD CONFIRMED BY CONTRACTOR
- * ITEMS SUPPLIED BY CITY
- CONTRACTOR TO SUPPLY AND INSTALL POWER CABLES AND CONDUIT FROM PUMP MOTORS TO ELECTRICAL CONTROL PANEL IN STATION
- CONTRACTOR TO SUPPLY CABLES & CONDUIT FROM SUMP PUMPS TO ELECTRICAL OUTLETS IN COMMINUTOR ROOM
- VALVE PEDESTAL OPERATORS TO HAVE POSITION INDICATORS.



SECTION A–A
SCALE 1:30

FOR CONSTRUCTION NOTES:
SEE DRAWING 1–0164L–M0006

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	DEB	CHECKED BY	DEB
DRAWN BY	CJH	APPROVED BY	KZ
HOR. SCALE	1:250	RELEASED FOR CONSTRUCTION	K.R. ZUREK
VERTICAL	1:50		
DATE	2012 02 21	DATE	2012 02 22

ENGINEER'S SEAL
ORIGINAL SIGNED BY K.R. ZUREK 2012 02 22

BID OPPURTUNITY: 907–2011
FILENAME : Montcalm–new.dwg
PLOT DATE: 2012 02 24

Winnipeg
THE CITY OF WINNIPEG
WATER AND WASTE DEPARTMENT

2011 INSTALLATION OF NEW PUMPING UNITS AND MODIFICATIONS TO THE
MONTCALM WASTEWATER PUMPING STATION UPGRADES
STATION SECTION VIEW

SHEET 2 OF 3

CITY DRAWING NUMBER
1–0164L–M0007