

**P-Z005
VACUUM PUMP**

FLUID: -
 TYPE/DUTY: -
 FLOW TEMP °F (°C): -
 HORSEPOWER DRIVER HP (kW): 0.33 (0.25)
 MANUF/MODEL NO.: DOA-P703-FB
 FLOW CAPACITY: -
 RATING RPM: -
 HEAD ft (m): -
 ELECTRICAL RATING: 120V, 1ø, 60Hz

**P-Z001
DRY WELL SUMP PUMP**

FLUID: FINAL EFFLUENT
 TYPE/DUTY: -
 FLOW TEMP °F (°C): -
 HORSEPOWER DRIVER HP (kW): 0.5 (0.37)
 MANUF/MODEL NO.: M98
 FLOW CAPACITY: 45 USGPM
 RATING RPM: -
 HEAD ft (m): 4.8m
 ELECTRICAL RATING: 120V, 1ø, 60Hz

**P-Z004
SAMPLE PUMP**

FLUID: FINAL EFFLUENT
 TYPE/DUTY: TEFC/AEMIUM EFFI
 FLOW TEMP °F (°C): -
 HORSEPOWER DRIVER HP (kW): 2 (1.49)
 MANUF/MODEL NO.: T2A3-B
 FLOW CAPACITY: 90 USGPM
 RATING RPM: 1750
 HEAD ft (m): 18 (5.5)
 ELECTRICAL RATING: -

**CMP-Z503
AIR COMPRESSOR**

FLUID: -
 TYPE/DUTY: -
 FLOW TEMP °F (°C): -
 HORSEPOWER DRIVER HP (kW): 2 (1.5)
 MANUF/MODEL NO.: P1U-A9
 FLOW CAPACITY: -
 RATING RPM: -
 HEAD ft (m): -
 ELECTRICAL RATING: 120, 1ø, 60Hz

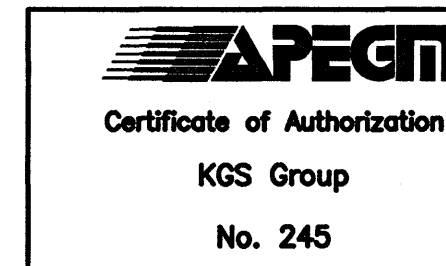
**SA-Z006
AUTOMATIC SAMPLER**

FLUID: -
 TYPE/DUTY: -
 FLOW TEMP °F (°C): -
 HORSEPOWER DRIVER HP (kW): -
 MANUF/MODEL NO.: SAB-25
 FLOW CAPACITY: -
 RATING RPM: -
 HEAD ft (m): -
 ELECTRICAL RATING: -

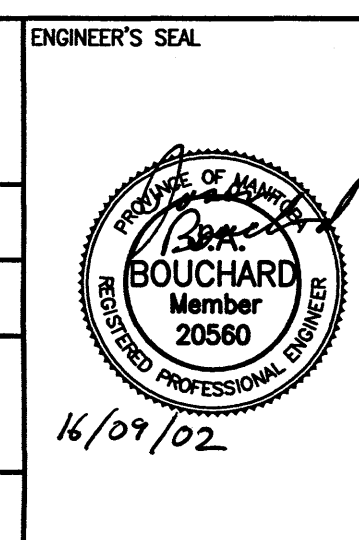
**CP-Z006
AUTOMATIC SAMPLE CONTROLLER**

FLUID: -
 TYPE/DUTY: -
 FLOW TEMP °F (°C): -
 HORSEPOWER DRIVER HP (kW): -
 MANUF/MODEL NO.: SBC
 FLOW CAPACITY: -
 RATING RPM: -
 HEAD ft (m): -
 ELECTRICAL RATING: 120V, 1ø, 60Hz

PIPE SPECIFICATIONS	
CODE	DESCRIPTION
PV01	PVC, SCHEDULE 40
SS01	STAINLESS STEEL, SCHEDULE 10
KB01	CONCRETE, SPEC UNKNOWN



B.M.	-
ELEV.	-
DESIGNED BY:	D. D. WILSON
CHECKED BY:	J.A. BOUCHARD
DRAWN BY:	G. C. NELSON
APPROVED BY:	J.A. BOUCHARD
SCALE:	N.T.S.
ISSUED FOR CONSTRUCTION BY:	-
DATE:	2016/03/16
DATE:	-
CONSULTANT NO.:	15-0107-019_E10
NO.	00
REVISIONS	ISSUED FOR CONSTRUCTION
DATE	2016/09/02
DESIGN	DN
CHECK	045



THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT

WEST END SEWAGE TREATMENT PLANT
 EFFLUENT MONITORING STATION
 PROCESS AND INSTRUMENTATION DIAGRAM
 EFFLUENT P&ID

CITY DRAWING NUMBER	SHEET	REV.	SIZE
1-0103-PPID-Z001	00	00	A1