



LEGEND

(M)	ELECTRIC MOTOR
(C)	CENTRIFUGAL PUMP
(PB)	PURGE BLOWER
(FE)	FLOW RATE ELEMENT
(DO)	DISSOLVED OXYGEN PROBE
(V)	VALVE WITH PNEUMATIC OPERATOR
(SV)	SOLENOID VALVE
(PRV)	PRESSURE/VACUUM RELIEF VALVE
(GV)	GATE VALVE
(S)	STRAINER
(CV)	CHECK VALVE
(BV)	BUTTERFLY VALVE
(FC)	FLEXIBLE CONNECTOR
(R)	REDUCER or INCREASER
(FA)	FLOW ARROW
(N.C.)	NORMALLY CLOSED VALVE
(OPE)	ORIFICE PLATE FLOW ELEMENT
(MD)	MOTORIZED DAMPER
(B)	BALANCE DAMPER
(BD)	BACK DRAFT DAMPER
(PEU)	PIPE ELBOW TURNED UP
(PED)	PIPE ELBOW TURNED DOWN
(PHW)	POTABLE HOT WATER
(PW)	POTABLE WATER
(RWL)	RAIN WATER LEADER
(HWS)	HOT WATER HEATING SUPPLY
(HWR)	HOT WATER HEATING RETURN
(S)	SANITARY SEWER BELOW FLOOR
(NG)	NATURAL GAS LINE
(CWS)	COOLING WATER SUPPLY
(CWR)	COOLING WATER RETURN
(PA)	PROCESS AIR LINE
(OX)	OXYGEN
(LOX)	LIQUID OXYGEN
(E)	EQUIPMENT

- NOTES:**
- FOR NEW CONSTRUCTION SEE PROCESS/MECHANICAL PRIMARY SLUDGE FERMENTERS/THICKENERS DRAWINGS.
 - REFER TO GENERAL DEMOLITION NOTES DRAWING 1-0102-DAAA-AD01.
 - CONFIRMED ASBESTOS CONTAINING MATERIALS IN DUCTWORK INSULATION. REFER TO ASBESTOS ABATEMENT SPECIFICATIONS FOR ABATEMENT PROCEDURES.
 - CONFIRMED ASBESTOS CONTAINING MATERIALS IN HEATING WATER FITTINGS INSULATION. REFER TO ASBESTOS ABATEMENT SPECIFICATIONS FOR ABATEMENT PROCEDURES.

AS CONSTRUCTED
DATE SEPTEMBER 1993 BY P.R.B.
APPROVED BY _____

B.M. ELEV.					
DESIGNED BY	S.Q.	CHECKED BY			
DRAWN BY	V.J.H.	APPROVED BY			
HOR. SCALE:	1:100	RELEASED FOR CONSTRUCTION:			
VERTICAL:		DATE	JANUARY 1990		
NO. REVISIONS		DATE			

ORIGINALLY DESIGNED BY
T.T. TRAN
Member 40578
CONSULTANT DRAWING NO. 870012-01-22-R-M203

THE CITY OF WINNIPEG
WORKS AND OPERATIONS DIVISION
WATERWORKS, WASTE & DISPOSAL DEPARTMENT

SOUTH END WATER POLLUTION CONTROL CENTRE
PSA EXPANSION - MECHANICAL
COMPRESSOR AND UNOX ROOM
MECHANICAL LEGEND, FLOOR AND
ROOF PLANS - PROCESS PIPING

CITY DRAWING NUMBER
SHEET OF
SEP-373

