



LEGEND

(M)	ELECTRIC MOTOR
(P)	CENTRIFUGAL PUMP
(PB)	PURGE BLOWER
(FE)	FLOW RATE ELEMENT
(DO)	DISSOLVED OXYGEN PROBE
(V)	VALVE WITH PNEUMATIC OPERATOR
(S)	SOLENOID VALVE
(PR)	PRESSURE/VACUUM RELIEF VALVE
(G)	GATE VALVE
(S)	STRAINER
(C)	CHECK VALVE
(B)	BUTTERFLY VALVE
(FC)	FLEXIBLE CONNECTOR
(R)	REDUCER or INCREASER
(F)	FLOW ARROW
(N.C.)	NORMALLY CLOSED VALVE
(O)	ORIFICE PLATE FLOW ELEMENT
(M)	MOTORIZED DAMPER
(B)	BALANCE DAMPER
(BD)	BACK DRAFT DAMPER
(E)	PIPE ELBOW TURNED UP
(D)	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.
 - ABESTOS CONTAINING MATERIALS MIGHT BE PRESENT IN EXISTING EQUIPMENT AND INSULATION. REFER TO SPECIFICATION SECTIONS 01 35 29, 02 82 11, 02 82 11 12, AND 02 82 13 FOR DETAILS.

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:					
NO. REVISIONS		DATE	JANUARY 1990	BY	

ORIGINALLY DESIGNED BY
T.T. TRAN
REGISTERED PROFESSIONAL ENGINEER
870012-01-22-R-M203

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

PSA COMPRESSOR - MECHANICAL
COMPRESSOR AND UNOX ROOM
MECHANICAL LEGEND, FLOOR AND ROOF PLANS - PROCESS PIPING

SOUTH END WATER POLLUTION CONTROL CENTRE
CITY DRAWING NUMBER
SEP-373