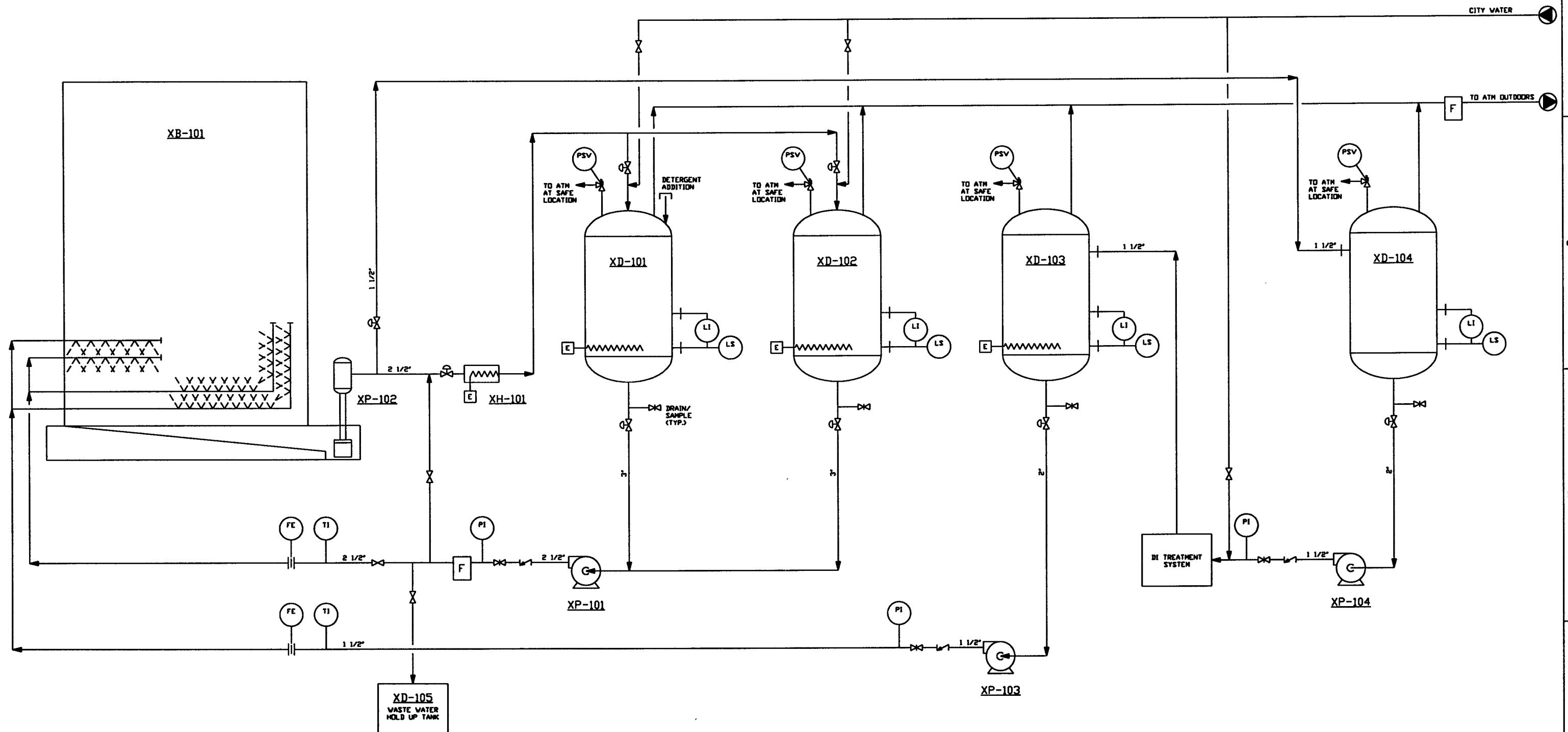


**XB-101**      **XP-102**      **XD-105**      **XH-101**      **XP-101**      **XD-101**      **XD-102**      **XP-103**      **XD-103**      **XP-104**      **XD-104**

WASH BOOTH SUMP PUMP      WASTE WATER HOLD UP TANK      WASH/RINSE WATER HEATER      WASH/WATER PUMP      WASH WATER STORAGE TANK      RINSE WATER STORAGE TANK      DI PUMP      DI STORAGE TANK      DI RETURN PUMP  
 DESIGN: 60 GPM @ ΔP = 11.0 PSIG      DESIGN: 4' - 0" ID x 3'-0" T/T      HP: 0.55 x 10<sup>6</sup> BTU/HR      DESIGN: 60 GPM @ ΔP = 85 PSIG      DESIGN: 2'-6" ID x 3'-6" T/T      DESIGN: 24 GPM @ ΔP = 38.4 PSIG      DESIGN: 24 GPM @ ΔP = 68 PSIG  
 MECH DESIGN      PRESS: 38 PSIG      MECH DESIGN      PRESS: 130 PSIG      MECH DESIGN      PRESS: 50 PSIG      MECH DESIGN      PRESS: 75 PSIG      MECH DESIGN      PRESS: 50 PSIG  
 HP: 1.0      MECH DESIGN      TEMP: 200°F      TEMP: 200°F



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UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 FRACTIONAL: +/-.005" UP TO .010" AND .015"  
 TWO PLACE DECIMAL: +/-.001"  
 THREE PLACE DECIMAL: +/-.0005"  
 FINISHED SURFACE: HBS  
 BREAK CORNERS: 1D - OUT  
 REMOVE ALL BURRS

DO NOT SCALE THIS DRAWING      0      ISSUED FOR INFORMATION  
 USED ON      REV      DESCRIPTION  
 NEXT ASSY:

LIGO D961091-00-V

PROCESS SYSTEMS INTERNATIONAL, INC.  
 20 WALKUP DR. WESTBOROUGH, MASSACHUSETTS 01581 USA

PIPING & INSTRUMENTATION DIAGRAM  
 LIGO VACUUM EQUIPMENT  
 WASHING SYSTEM

CAB FILE	REV	ISSUE DESCRIPTION	CHKD	DRWN	DATE	DECR
V8490031	D	V049-0-031	0	0	05.03.96	0134
SCALE	NONE	SHEET	1	1	1	1 OF 1