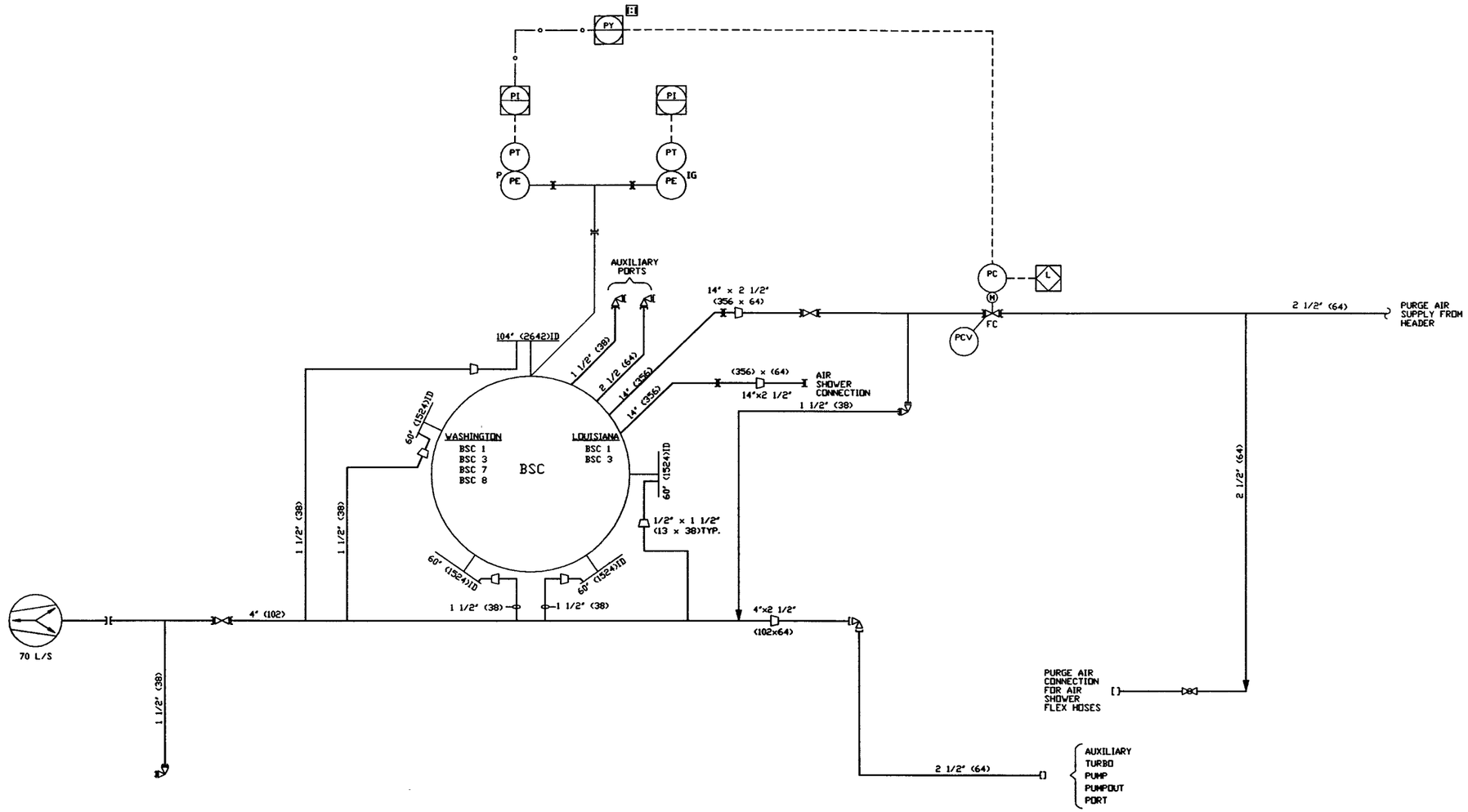

NOV 6 3 1995

NOTES:

1. EACH PUMP OUT PORT LOCATION HAS BOTH POWER & CONTROL PLUG-IN CONNECTIONS, FOR EACH TYPE OF PUMPING SKID.
2. ALL VACUUM GAUGES TO BE BAKED OUT AT 250°C DURING PUMP-DOWN USING A REMOVABLE BLANKET TYPE HEATER. ALL VACUUM SECTIONS SHALL ALSO BE BAKED OUT AT 150°C DURING PUMP-DOWN USING A REMOVABLE BLANKET TYPE HEATER.
   (SEE THE LEGEND, DWG. V049-0-001 FOR A SCHEMATIC OF THE CONTROL DEVICE).
3. ALL MANUAL VALVES ON THE BEAM TUBE ROUGHING PORTS HAVE A PADLOCK TO PREVENT INADVERTANT OPENING.
4. DIMENSIONS IN ( ) ARE IN MILLIMETERS.

0990392-P2-V

PROPRIETARY AND CONFIDENTIAL

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DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION

REFERENCE DRAWINGS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULARINCH ±0°-30' XCMB ±0°
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005
FINISHED SURFACE RMS
BREAK CORNERS TO REMOVE ALL BURRS

DO NOT SCALE THIS DRAWING

USED ON

NEXT ASS'Y

REV	DESCRIPTION	CHKD	DRWN	DATE	DCN#
P2	REVISED	REB	RJW	10.02.95	0003
P1	PRELIMINARY DESIGN UPDATE		KY	09.26.95	-

ISSUE DESCRIPTION

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

PIPING & INSTRUMENTATION DIAGRAM
LIGO VACUUM EQUIPMENT
BEAM SPLITTER CHAMBER (BSC)
LEFT & RIGHT ARMS OF VERTEX

CAD FILE	SIZE	DWG NO.	REV.
V0490008	D	V049-0-008	P2
SCALE NONE		SHEET 1 OF 1	

Dec 04, 1995 - 105746

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