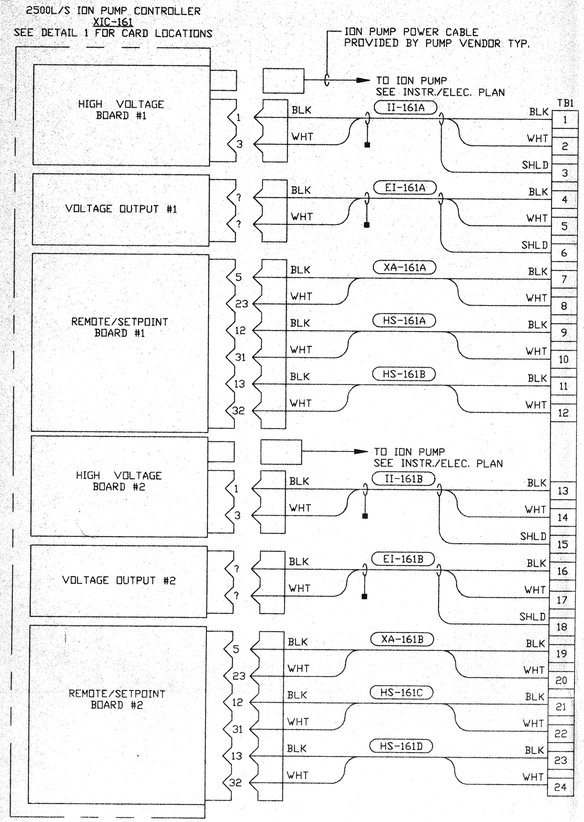

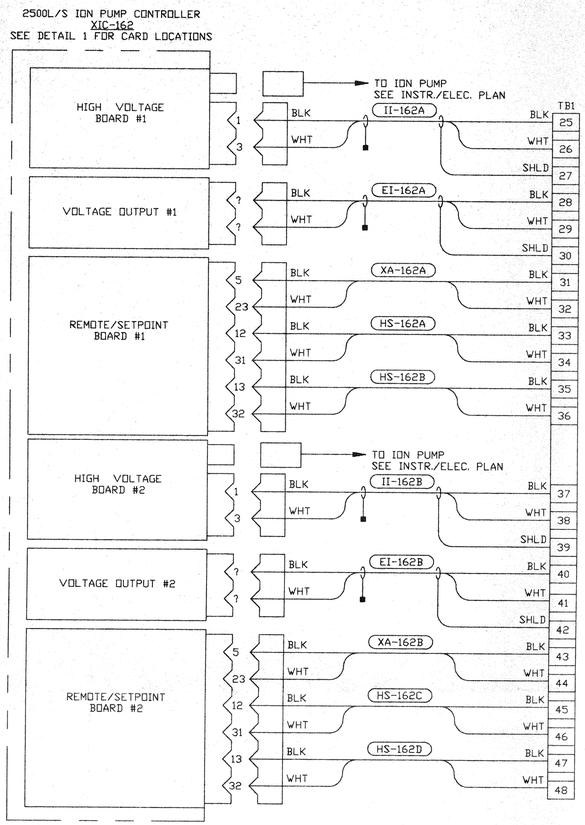

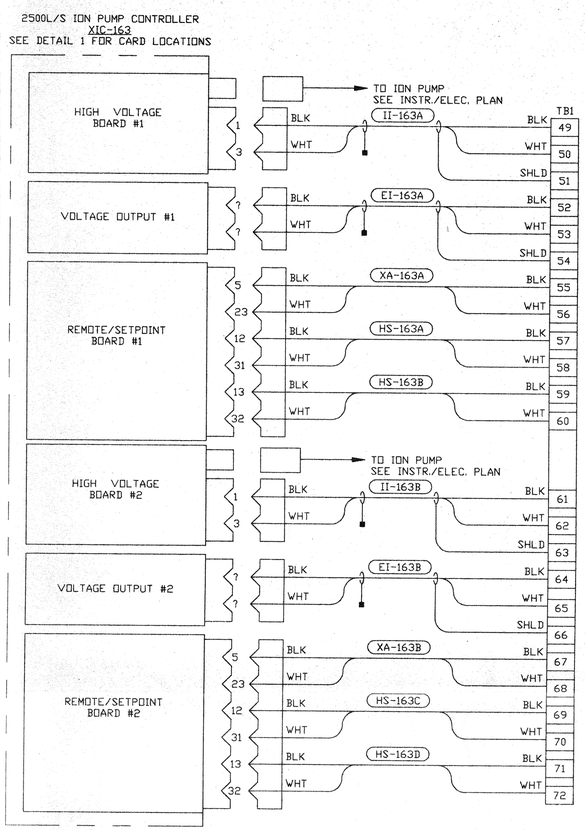

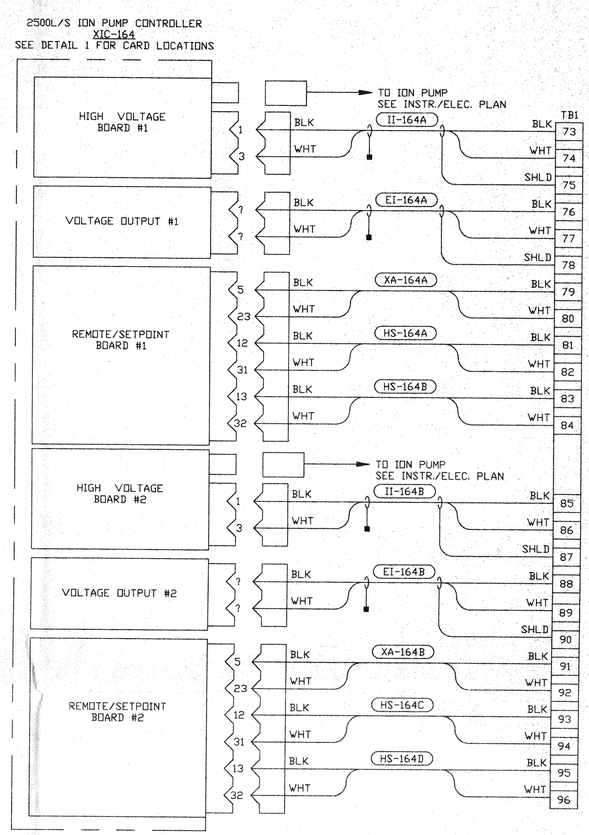

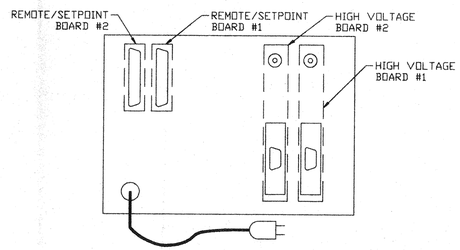

DETAIL 1
REAR VIEW OF ION PUMP CONTROLLER
NO SCALE

NOTES:

1.) WIRING IS SHOWN FOR PNL-100A; ION CONTROLLERS XIC-161 THRU XIC-164. WIRING FOR PNL-100B; ION CONTROLLERS XIC-165 THRU XIC-168 IS IDENTICAL.
2.) ALL WIRING IS #18 AWG.

NOT FOR CONSTRUCTION

APR 30 1996

PROPRIETARY AND CONFIDENTIAL

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DWG. NO.	DESCRIPTION
V049-3-112	INSTRUMENT ELECTRICAL PLAN LEFT BEAM MANIFOLD
V049-3-111	INSTRUMENT ELECTRICAL PLAN VERTEX SECTION
V049-3-109	CABLE TRAY PLAN DIAGONAL SECTION
V049-3-108	CABLE TRAY PLAN RIGHT BEAM MANIFOLD
V049-3-107	CABLE TRAY PLAN LEFT BEAM MANIFOLD
V049-3-106	CABLE TRAY PLAN VERTEX SECTION

DWG. NO.	DESCRIPTION
V049-3-114	INSTRUMENT ELECTRICAL PLAN DIAGONAL SECTION
V049-3-113	INSTRUMENT ELECTRICAL PLAN RIGHT BEAM MANIFOLD

REFERENCE DRAWINGS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULARMACH ±0°-30' BEND ±2°
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005
FINISHED SURFACE RMS
BREAK CORNERS IN: OUT:
REMOVE ALL BURRS

DO NOT SCALE THIS DRAWING
USED ON:
NEXT ASS'Y:

REV	DESCRIPTION	CHKD	DRWN	DATE	DEO#
0	ISSUE FOR FDR	D. Wick	Fmb	04.26.96	0129

ISSUE DESCRIPTION

D0960566-00-V

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

PNL-100A & PNL-100B WIRING DIAGRAM
LIGO VACUUM EQUIPMENT
WASHINGTON SITE
CORNER STATION

CAD FILE	SIZE	DWG. NO.	REV.
V0493122	D	V049-3-122	0

SCALE: NONE
SHEET: 1 OF 1

8 7 6 5 4 3 2 1