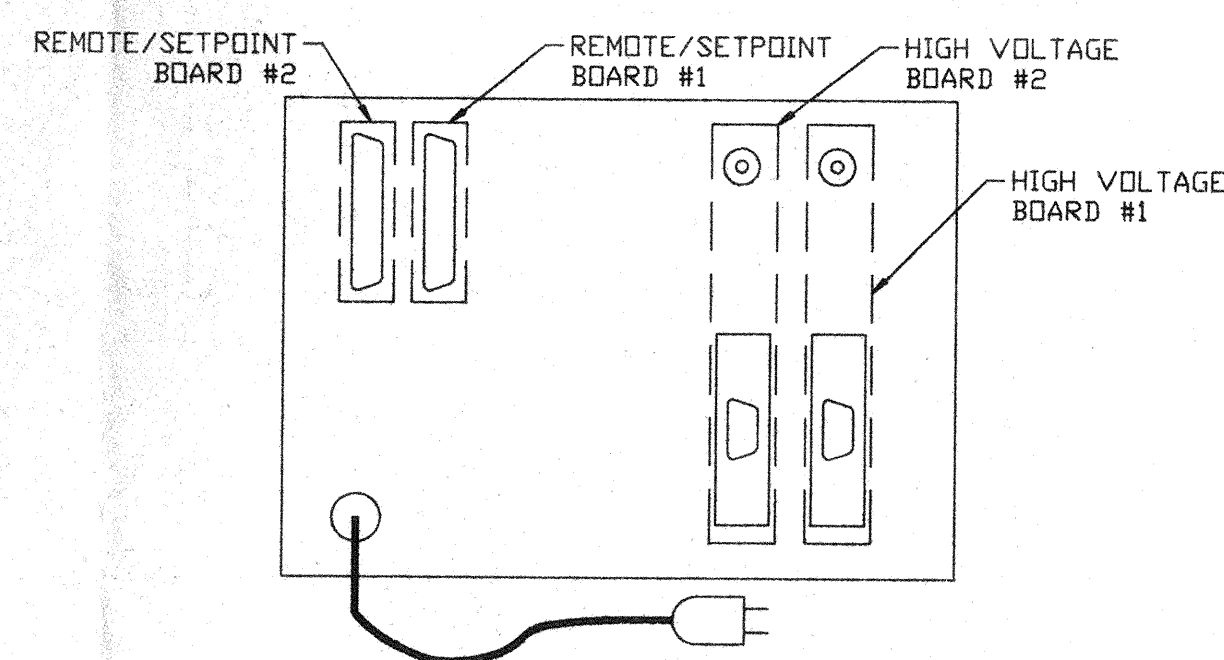
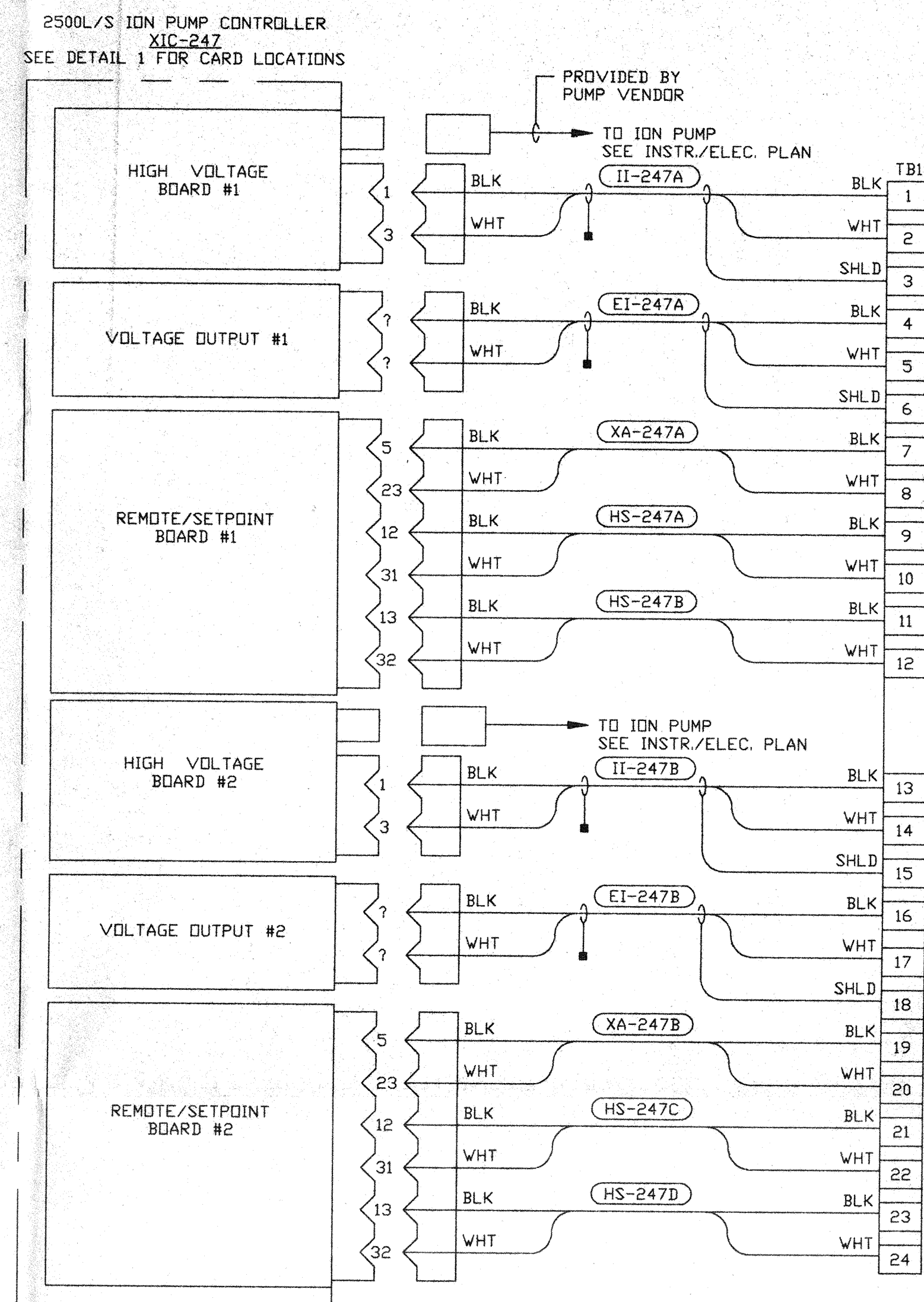


NOTES:
1) ALL WIRING IS #18 AWG.



DETAIL 1
REAR VIEW OF ION PUMP CONTROLLER
NO SCALE

NOT FOR CONSTRUCTION

APR 30 1996

D960581-00-V

<p>PROPRIETARY AND CONFIDENTIAL</p> <p>THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION BELONGING TO PROCESS SYSTEMS INTERNATIONAL, INC. OR ITS AFFILIATED COMPANIES AND SHALL BE USED ONLY FOR THE PURPOSE FOR WHICH IT WAS SUPPLIED. IT SHALL NOT BE COPIED, REPRODUCED OR OTHERWISE USED, NOR SHALL SUCH INFORMATION BE FURNISHED IN WHOLE OR IN PART TO OTHERS EXCEPT IN ACCORDANCE WITH THE TERMS OF ANY AGREEMENT UNDER WHICH IT WAS SUPPLIED OR WITH THE PRIOR WRITTEN CONSENT OF PROCESS SYSTEMS INTERNATIONAL, INC. AND SHALL BE RETURNED UPON REQUEST.</p>		<p>UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES</p> <p>TOLERANCES:</p> <p>FRACTIONAL ±</p> <p>ANGULAR/ARCH ± 10'-30' BEND ± 2°</p> <p>TWO PLACE DECIMAL ± .01</p> <p>THREE PLACE DECIMAL ± .005</p> <p>FINISHED SURFACE RMS</p> <p>BREAK CORNERS IN OUT</p> <p>REMOVE ALL BURRS</p>		<p>DO NOT SCALE THIS DRAWING 0 ISSUE FOR FDR</p>		<p>USED ON: REV DESCRIPTION</p>		<p>DATE DEC#</p>		<p>SCALE NONE SHEET 1 OF 1</p>	
<p>REFERENCE DRAWINGS</p>		<p>DESCRIPTION</p>		<p>DESCRIPTION</p>		<p>DATE DEC#</p>		<p>DATE DEC#</p>		<p>DATE DEC#</p>	
<p>V049-3-203 INSTRUMENT ELECTRICAL PLAN LEFT BEAM MANIFOLD</p>		<p>V049-3-202 CABLE TRAY PLAN LEFT BEAM MANIFOLD</p>		<p>04.26.96 0129</p>		<p>04.26.96 0129</p>		<p>04.26.96 0129</p>		<p>04.26.96 0129</p>	
<p>DWG. NO. DESCRIPTION DWG. NO. DESCRIPTION</p>		<p>DWG. NO. DESCRIPTION DWG. NO. DESCRIPTION</p>		<p>CHKD DRWN DATE DEC#</p>		<p>CHKD DRWN DATE DEC#</p>		<p>CHKD DRWN DATE DEC#</p>		<p>CHKD DRWN DATE DEC#</p>	
<p>8</p>		<p>7</p>		<p>6</p>		<p>5</p>		<p>4</p>		<p>3</p>	
<p>7</p>		<p>6</p>		<p>5</p>		<p>4</p>		<p>3</p>		<p>2</p>	
<p>6</p>		<p>5</p>		<p>4</p>		<p>3</p>		<p>2</p>		<p>1</p>	

PROCESS SYSTEMS INTERNATIONAL, INC.
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PNL-200 WIRING DIAGRAM
LIGO VACUUM EQUIPMENT
WASHINGTON SITE
LEFT MID STATION

CAD FILE V0493207 SIZE D DWG. NO. V049-3-207 REV. 0

DATE DEC# 04.26.96 0129

CHKD DRWN DATE DEC#