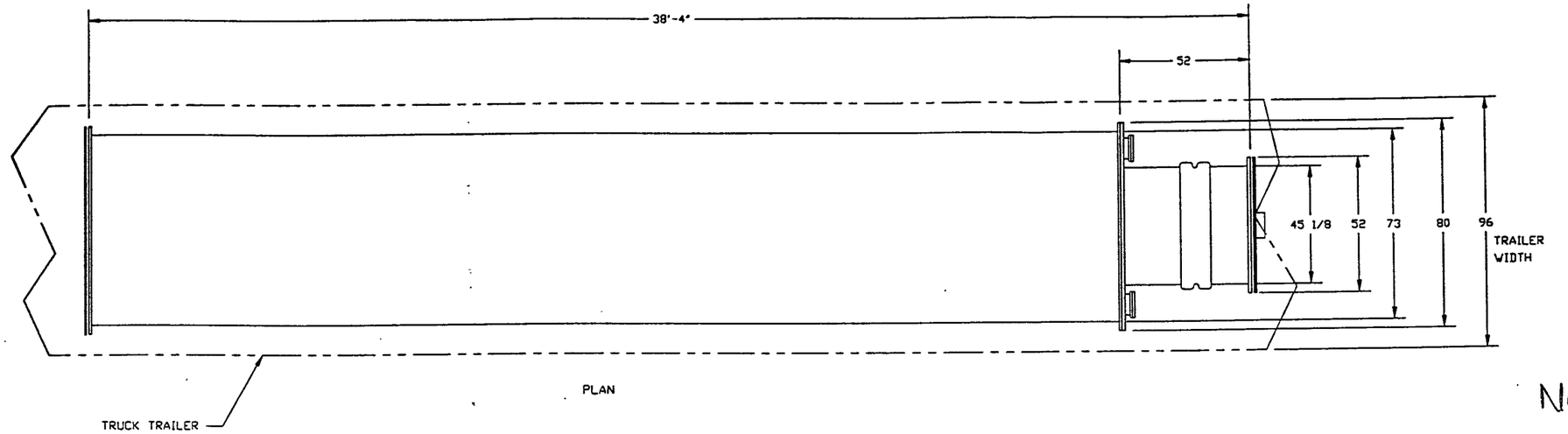
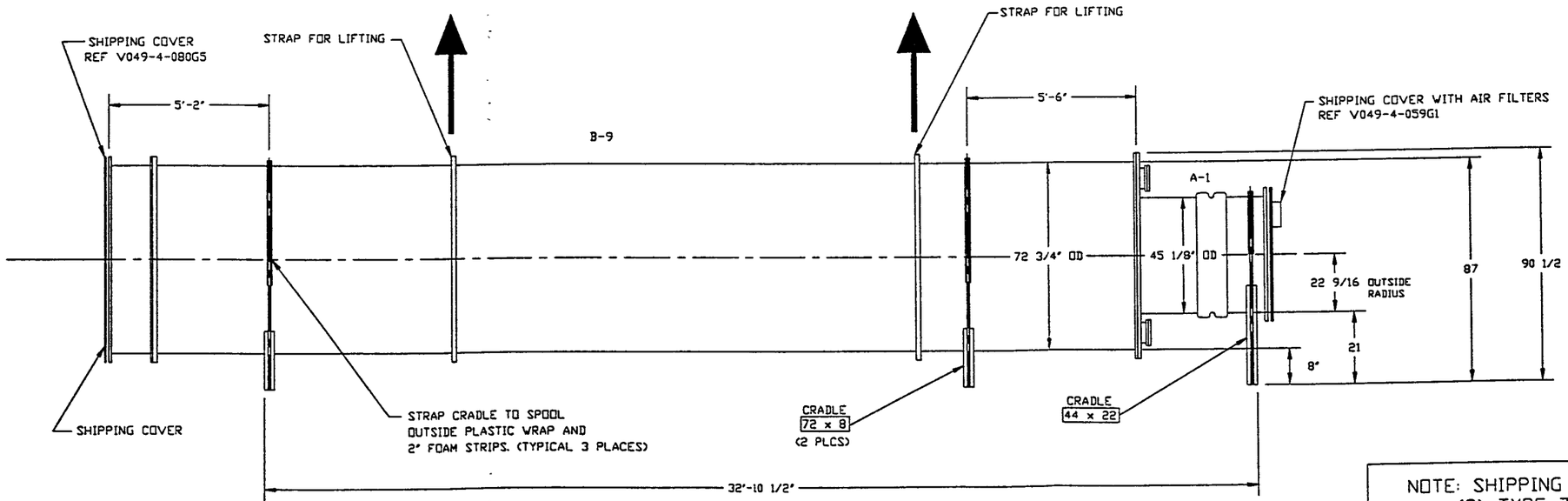


PLAN



SPOOLS WA-1/WB-9

ELEVATION

PACKAGING/LIFTING/SHIPPING INSTALLATION

1. REFERENCE DOCUMENTS
   COMPONENT PACKAGING, HANDLING, SHIPPING
   PROCEDURE - V049-2-123
   CONTAMINATION CONTROL PLAN - V049-2-119
2. PROTECT BELLOWS BY WRAPPING WITH HEAVY PLASTIC STRIPS PRIOR TO BAGGING.
3. ENTIRE VESSEL TO BE SHRINK WRAPPED WITH 2 LAYERS OF 6 MIL POLYETHYLENE.
4. VESSEL TO BE MOUNTED ON TRAILER IN ORIENTATION SHOWN.
5. TIGHTEN BELLOWS TIE RODS TO LOCK IN NEUTRAL LENGTH POSITION.
6. REMOVE FROM TRAILER AT SITE BY LIFTING WITH STRAPS AT LOCATIONS SHOWN.
7. SECURELY ATTACH THESE LIFTING INSTRUCTIONS TO VESSEL IN A WATER PROOF POLYETHYLENE BAG.
8. VESSEL TO BE SHIPPED STRAPPED TO TRUCK AT CRADLE LOCATIONS SHOWN.
9. COVER WITH CLEAN TIGHT TARPS DURING SHIPPING.
10. VESSEL TO BE SHIPPED VIA AIR RIDE TRAILOR ONLY.
11. CARE TO BE TAKEN WITH LIFTING STRAPS TO AVOID HITTING OR RUBBING AGAINST ANY NOZZLES.

NOTE! THE TRUCK DRIVER IS TO ADD PROPER BRACING TO PREVENT FORWARD OR AFT MOVEMENT OF THE VESSEL DURING SHIPMENT.

NOTE: SHIPPING SPOOLS BE-5/BE-6 USE (3) TYPE 72X8 CRADLES EA.
OVERALL LENGTH OF BE-5 & BE-6 =34'-0"

SHIPPING WEIGHT = 10,500 LBS.

SHT 7 OF 14

PROPRIETARY AND CONFIDENTIAL
DOCUMENT CONTAINS PROPRIETARY INFORMATION BELONGING TO PROCESS SYSTEMS INTERNATIONAL, INC. OR ITS AFFILIATED COMPANIES AND SHALL BE USED ONLY FOR THE PURPOSES 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.

DWG. NO.	DESCRIPTION	DWG. NO.	DESCRIPTION

REFERENCE DRAWINGS

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
ANGULAR MACH ±0°-30' BEND ±2°
TWO PLACE DECIMAL ± .01
THREE PLACE DECIMAL ± .005
FINISH: SURFACE RMS
BREAK CORNERS .06 OUT
REMOVE ALL BURRS

DO NOT SCALE THIS DRAWING
USED ON
NEXT ASS'Y

REV	DESCRIPTION	CHKD	DRVN	DATE	DEQ#
0	ISSUED FOR SHIPPING	RADEC	JA	6/19/97	0495

ISSUE DESCRIPTION

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

SHIPPING SPOOLS WA-1A/WB-9A
SHIPPING SPOOLS BE-5 & BE-6
SHIPPING CRITERIA
LIGO VACCUM EQUIPMENT

CAD FILE	SIZE	DWG. NO.	REV
V0494226	D	V049-4-226	0

SCALE 1/2"=1'-0" SHEET SHT 1 OF 1

LIGO-D970524-00-V

JN 08 1997 - 09:20:18