Revision A September 2001—First Printing (ECN Released)
Revision B November 2001—Second Printing

## PUBLISHED BY

Publications Department Lam Research Corporation 4650 Cushing Parkway Fremont, California 94538-6470 E-mail: pubs@lamrc.com

Copyright ©2001 by Lam Research Corporation. Printed in the United States of America. All Rights Reserved.

The information conveyed in this document has been carefully checked and is believed to be reliable at the time of printing. However, Lam Research Corporation makes no warranty regarding the information set forth in this document and assumes no responsibility for any errors or inaccuracies contained herein. Lam Research Corporation is not obligated to update or correct any information contained in this document. Lam Research Corporation reserves the right to change products or specifications at any time without notice.

Modifications to Lam products may affect their safe operation and may also affect compliance with various laws and regulations governing their operation. To reduce the likelihood of interference, RF transmitters (cellular telephones, CB radios, cordless telephones) should not be used in the vicinity of Lam products.

Lam recommends that customers check with local fire departments within their jurisdictions to ensure all marking requirements are satisfied.

No part of this document may be reproduced in any form for any purpose without the prior written permission of Lam Research Corporation.

2300, 384T, 4520XLE, Advanced Capability Rainbow, Alliance, AutoEtch, Classic, CoolPORT, Continuum, DSS, DSS-150, DSS-200, Deep SubMicron and DSP, EndPoint Plus, Envision, Envoy, Exelan, the Lam logo, Oxide, Rainbow, Synergy, Synergy Integra, Teres, Transformer Coupled Plasma, TCP, and Versys are trademarks of Lam Research Corporation. All other trademarks or registered trademarks are the property of their respective holders. Mention of third-party products or services is for informational purposes only, and does not constitute an endorsement or recommendation.

Part Number: 405-240351-001

## 2300<sup>™</sup> Microwave Strip Module

**Facility** 

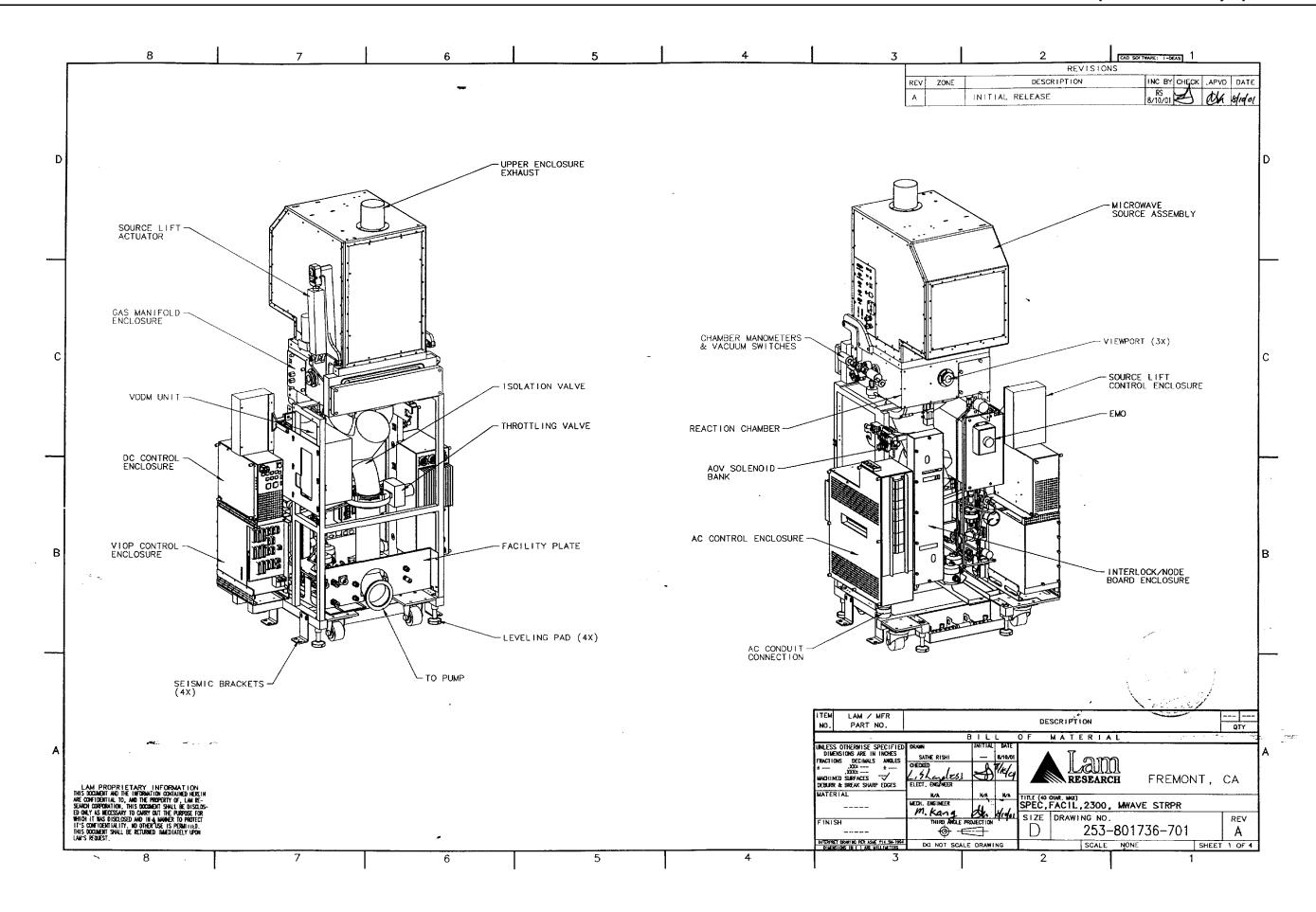
PM BOM Version 571-801736-700 Ship With Integration BOM Version 573-802896-701 2300 Etch System Software Version 1.4.3

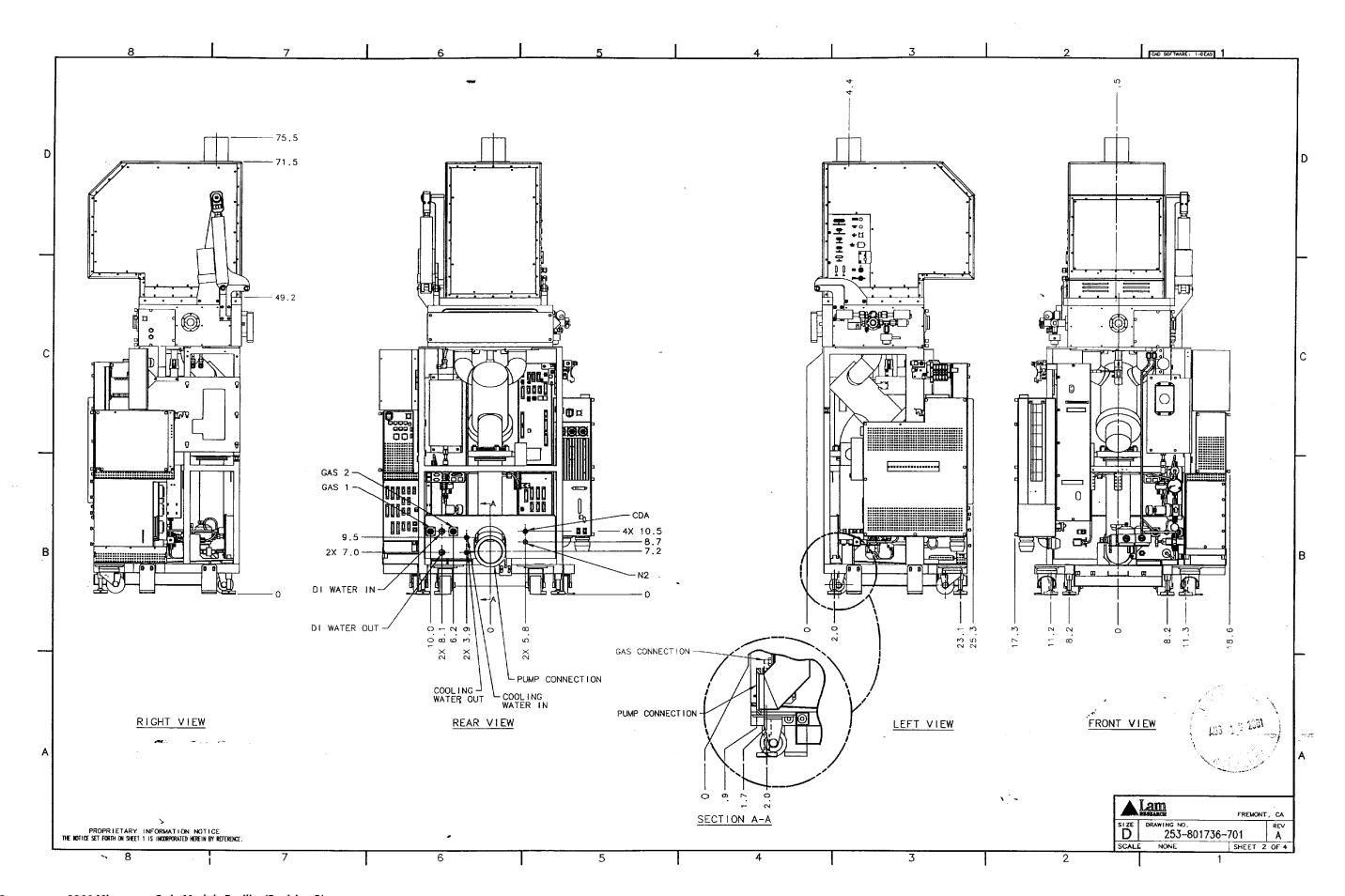
System Version 2300

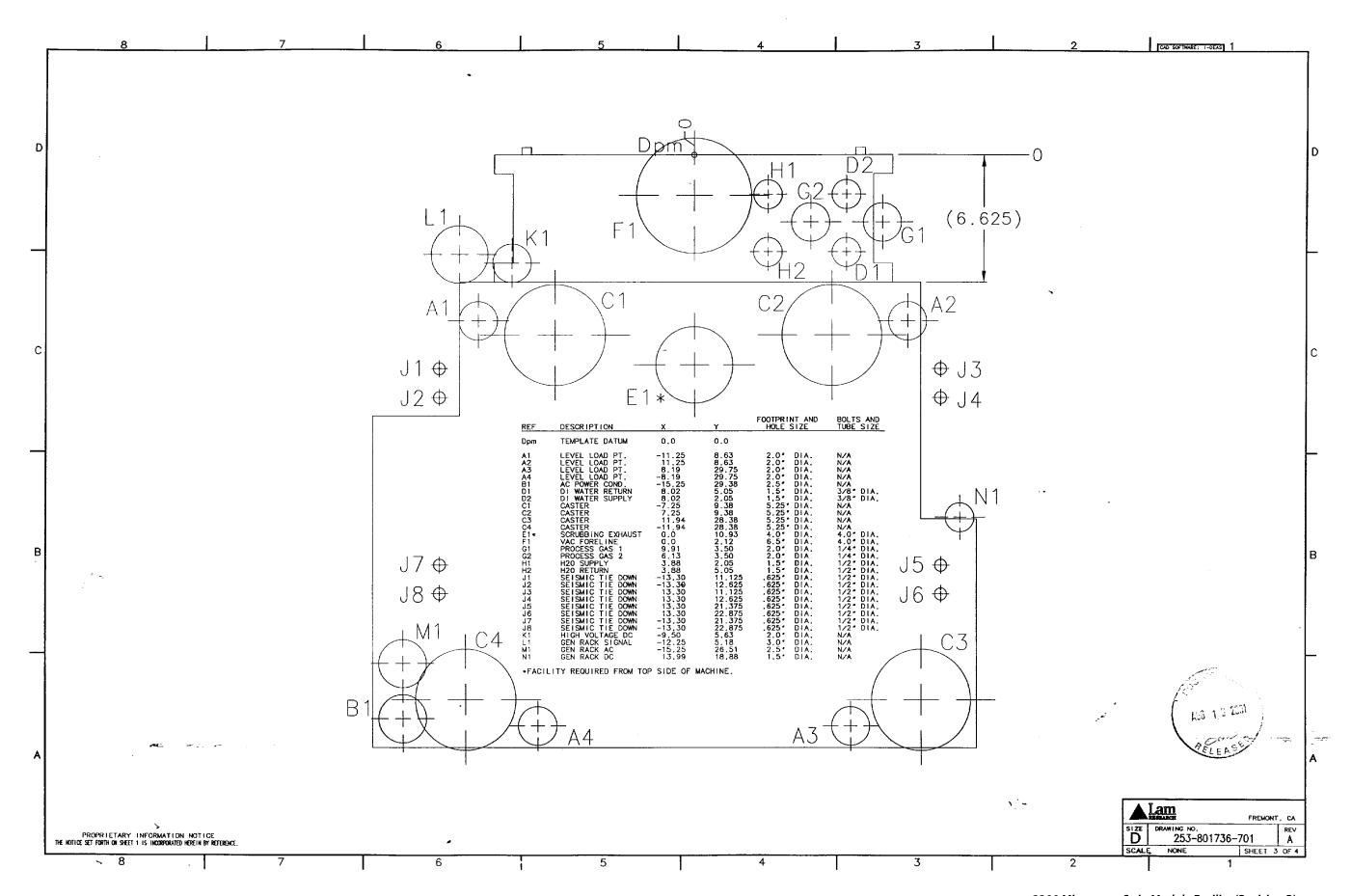
Revision B
November 2001

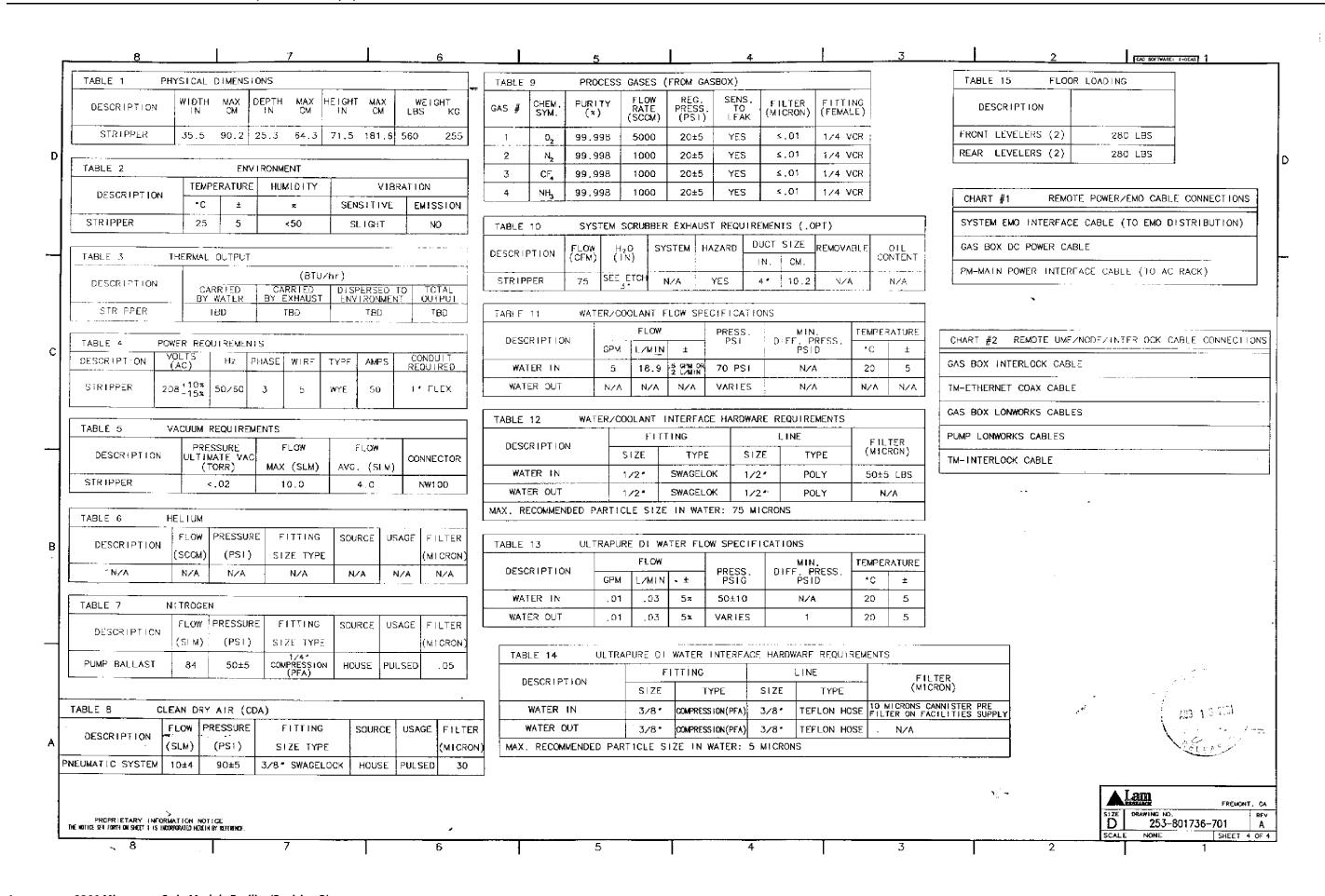
## **Contents**

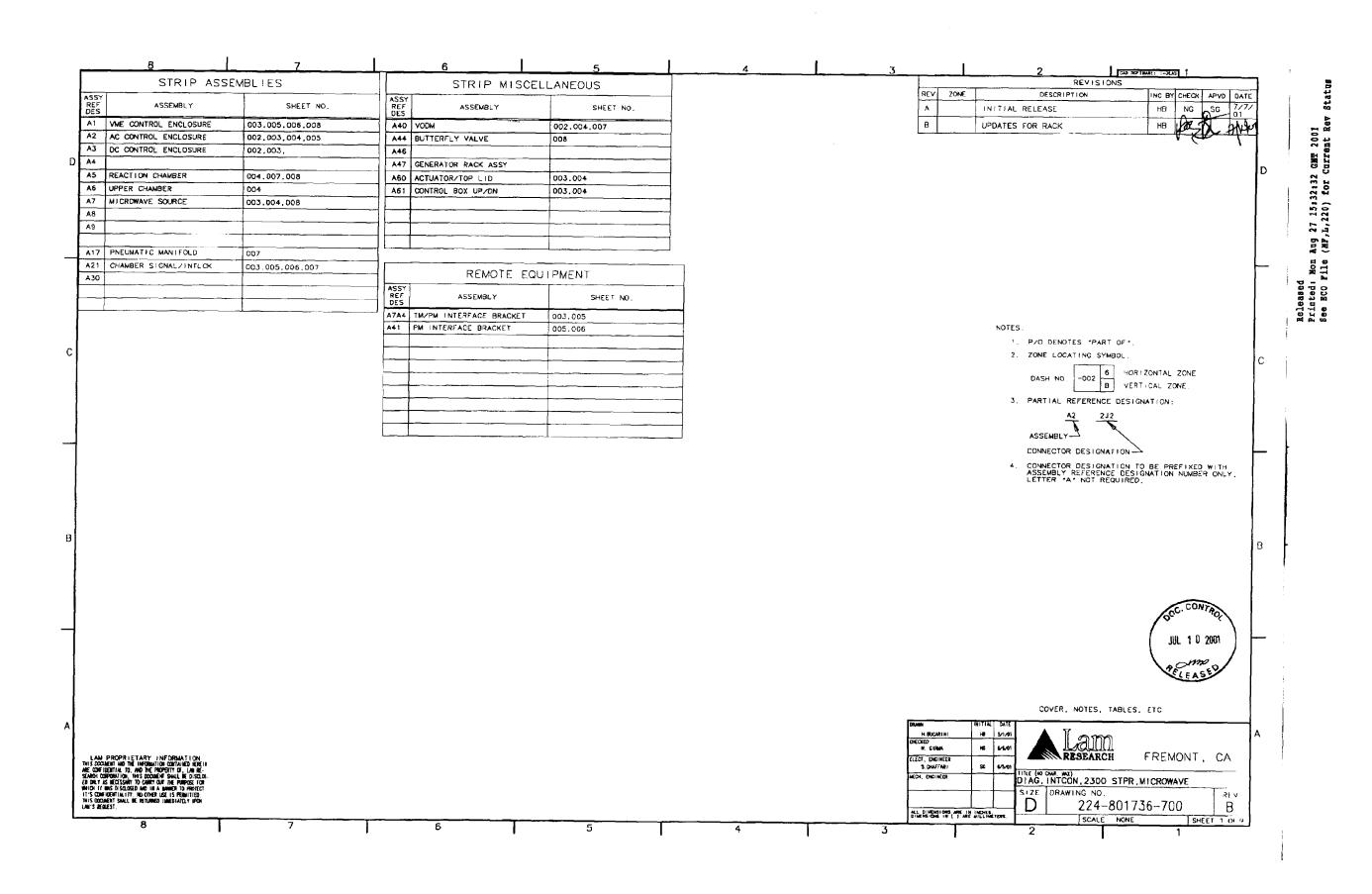
- 253-801736-701 Revision A, 2300 Microwave Strip Module Facility Specification 1
- 224-801736-700 Revision B, 2300 Microwave Strip Module Interconnect Diagram 5
- 224-801736-702, Revision A, Interconnect Diagram, PM to Rack Generator, 2300 Microwave Strip Module 15
- 251-801736-700 Revision B, P&ID Diagram, 2300 Microwave Strip Module 17

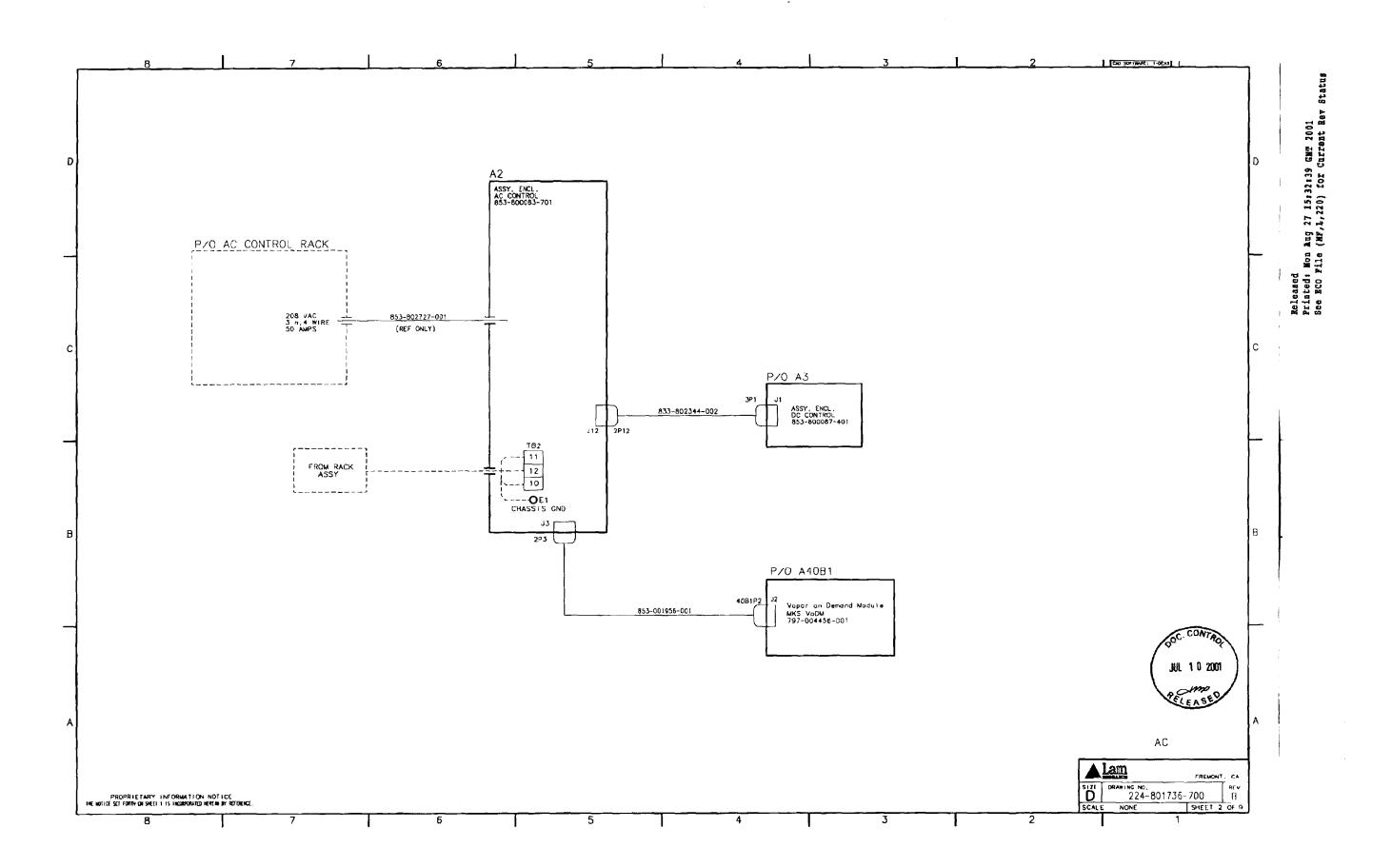


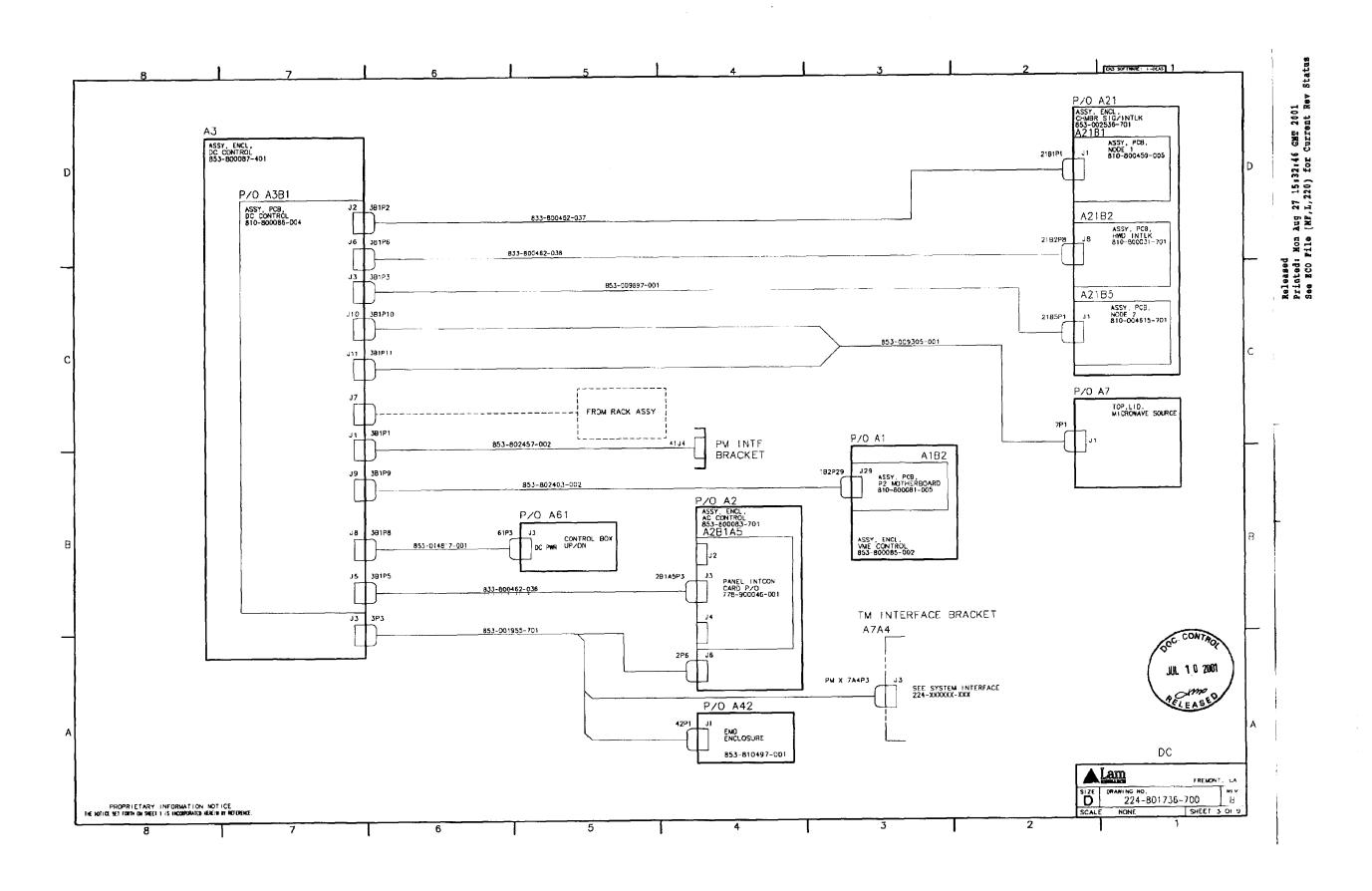


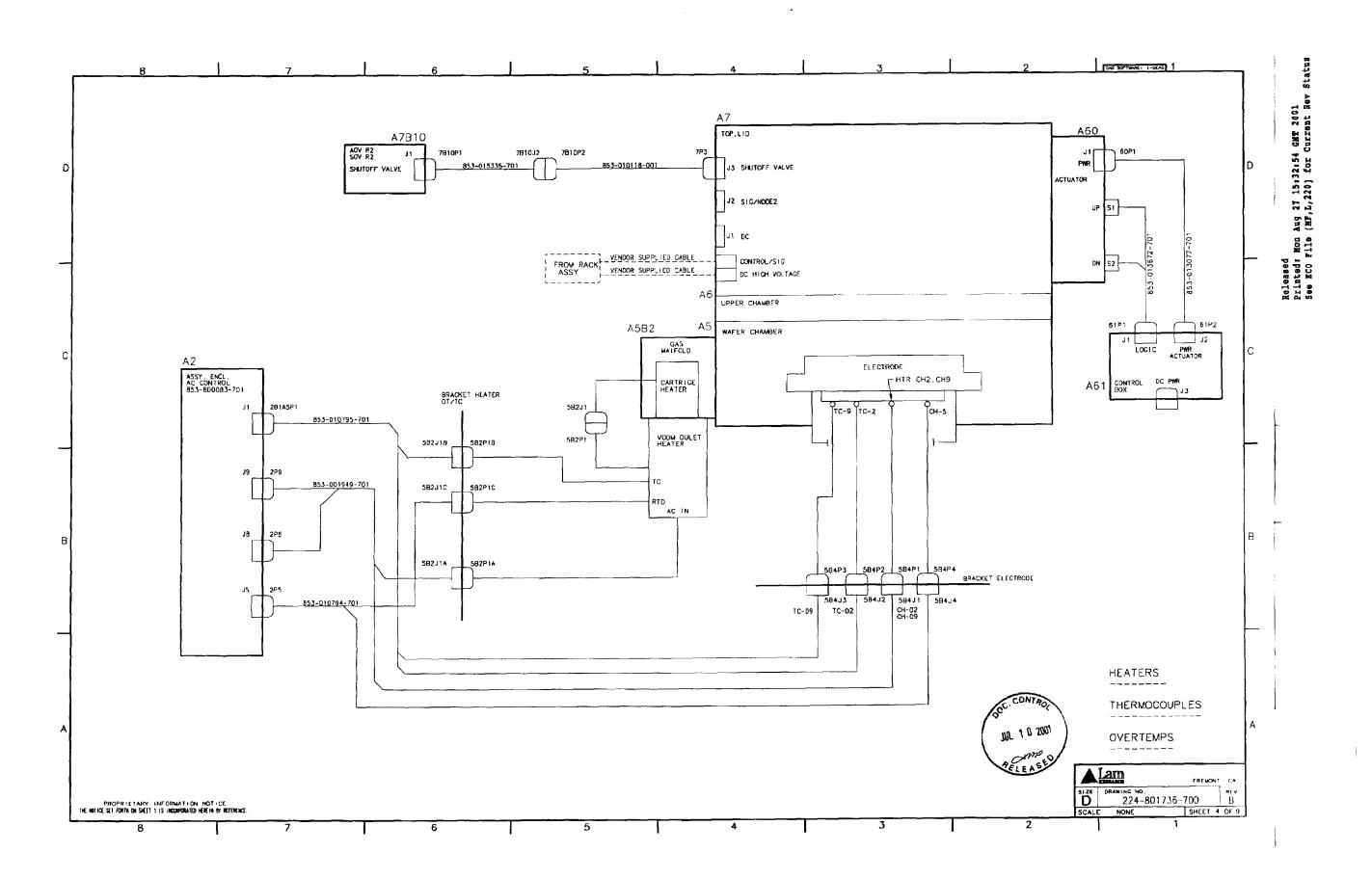


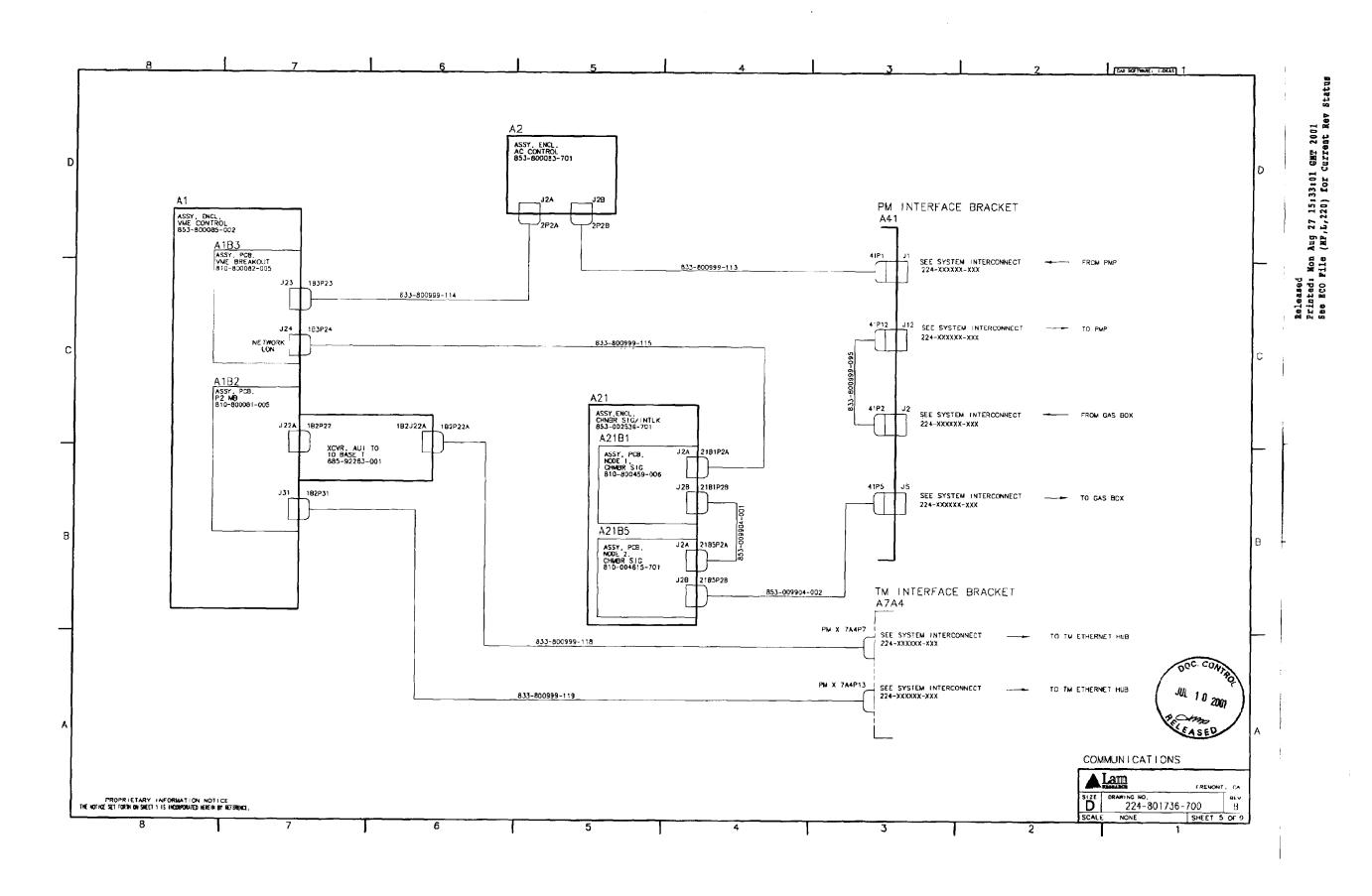


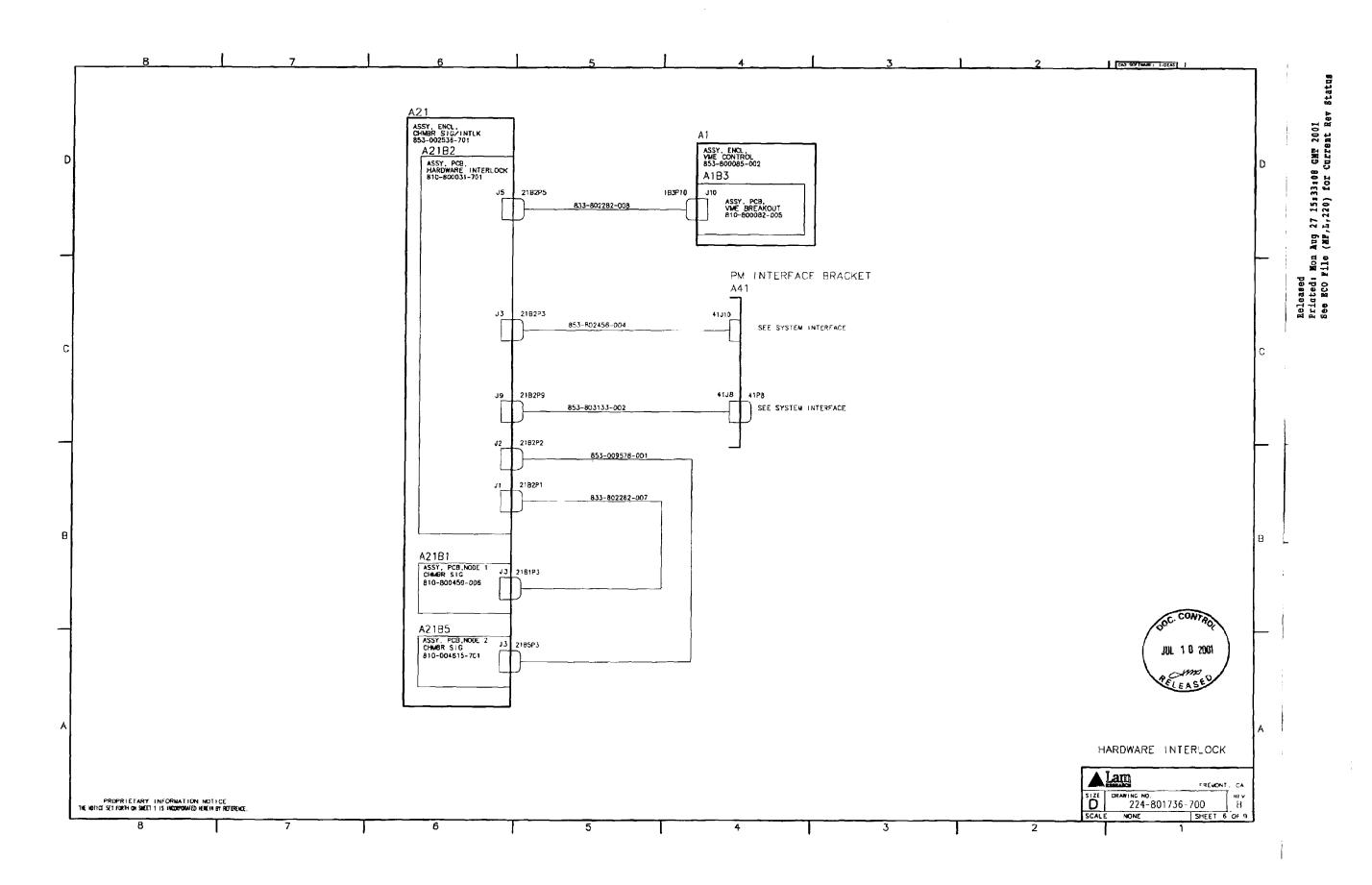


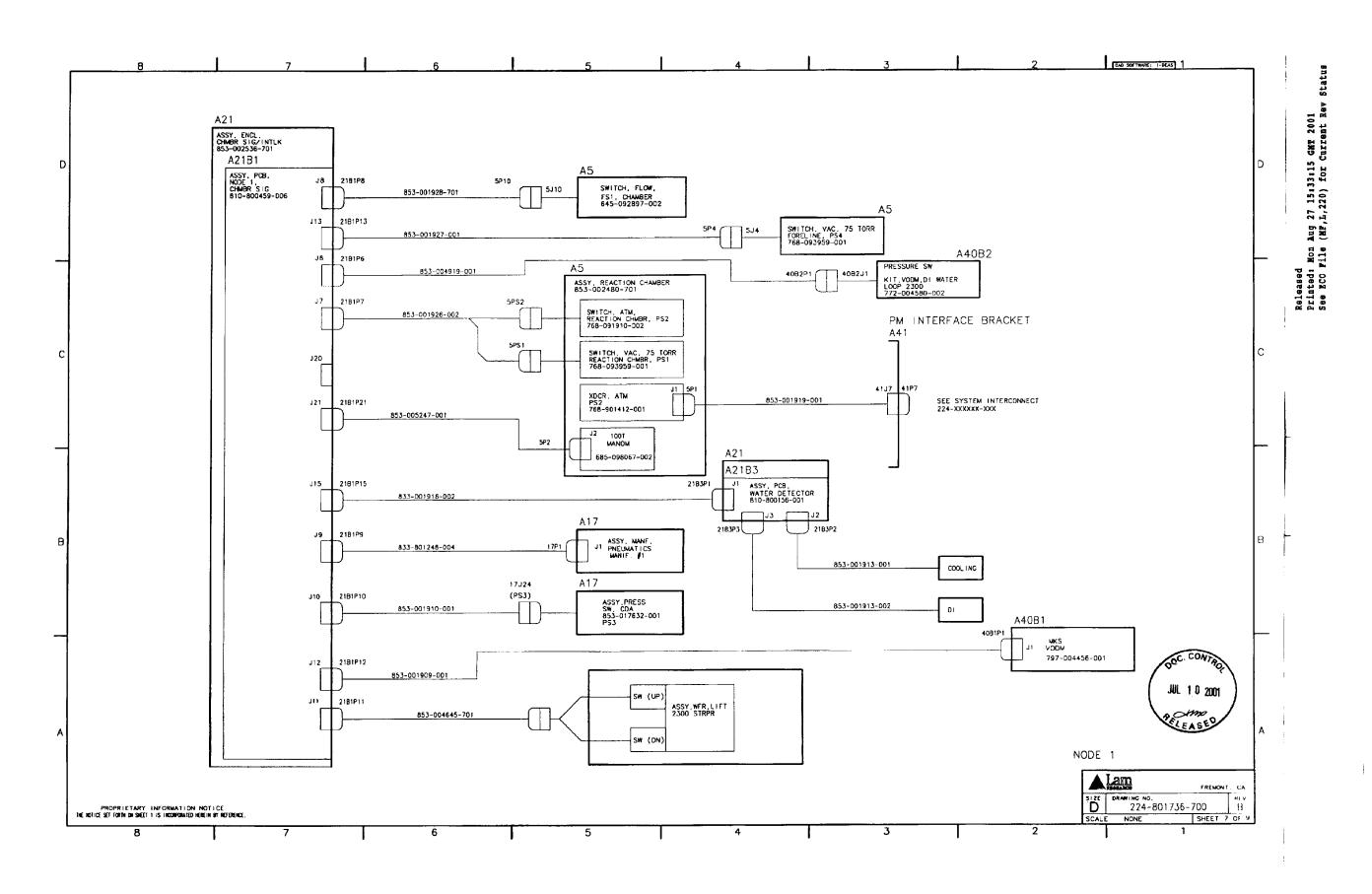


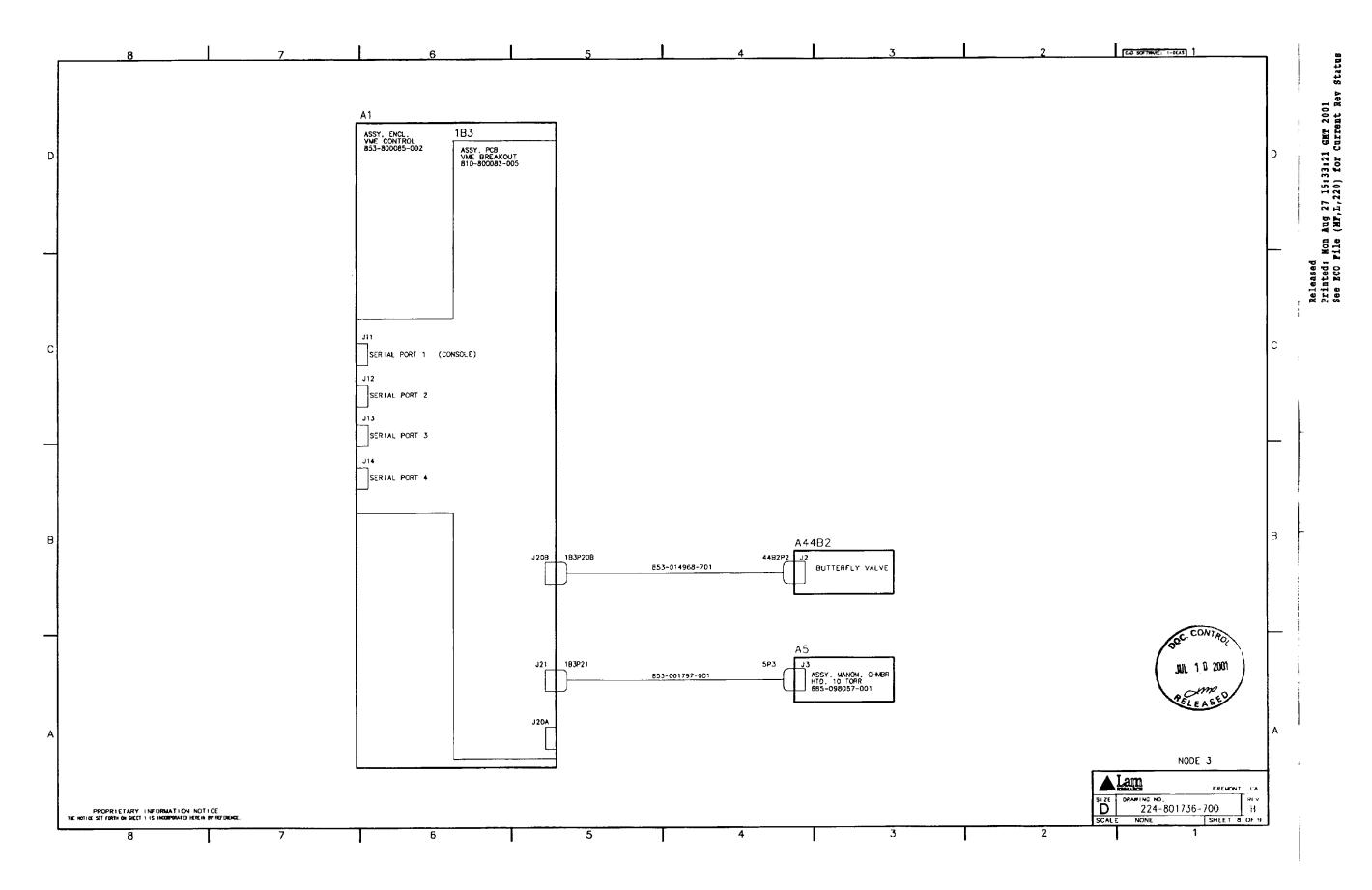


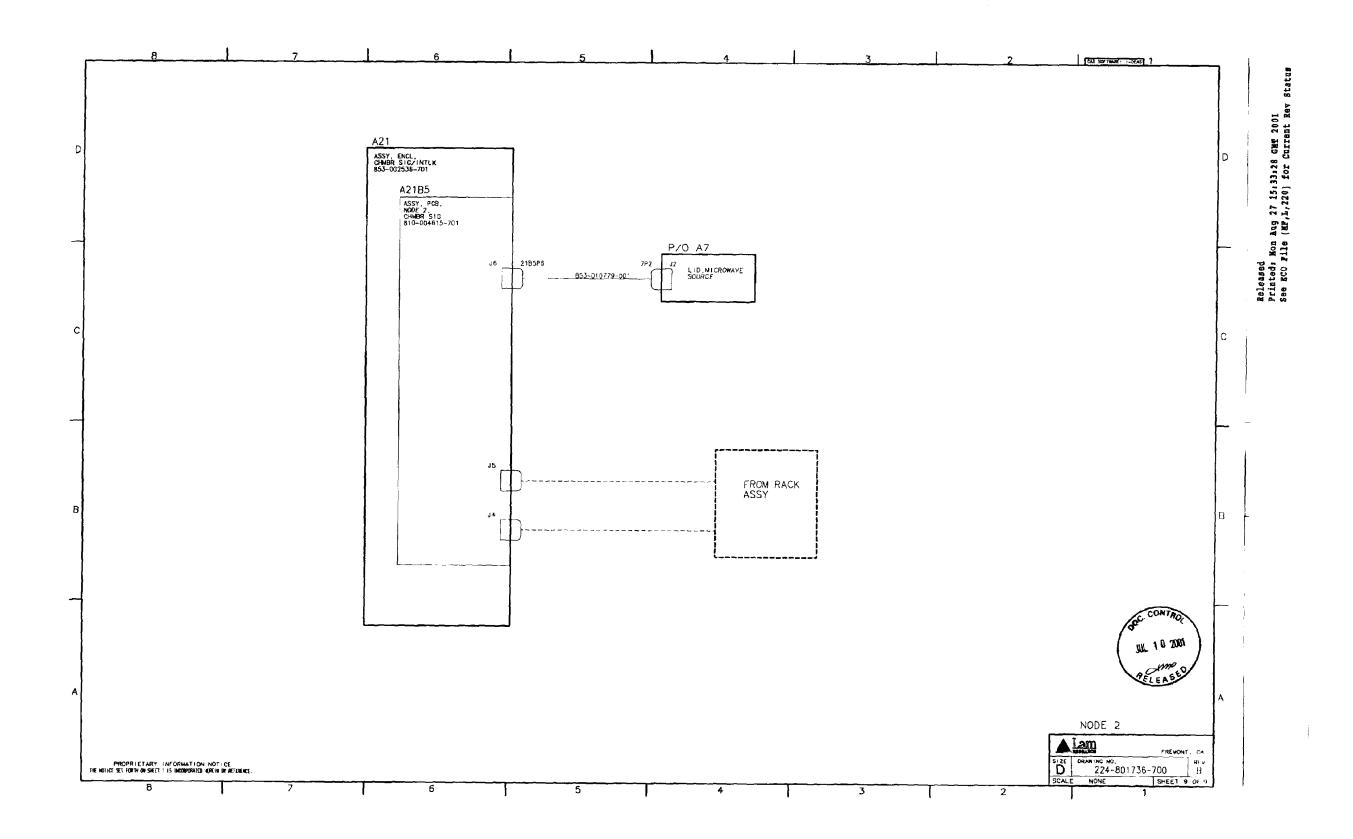


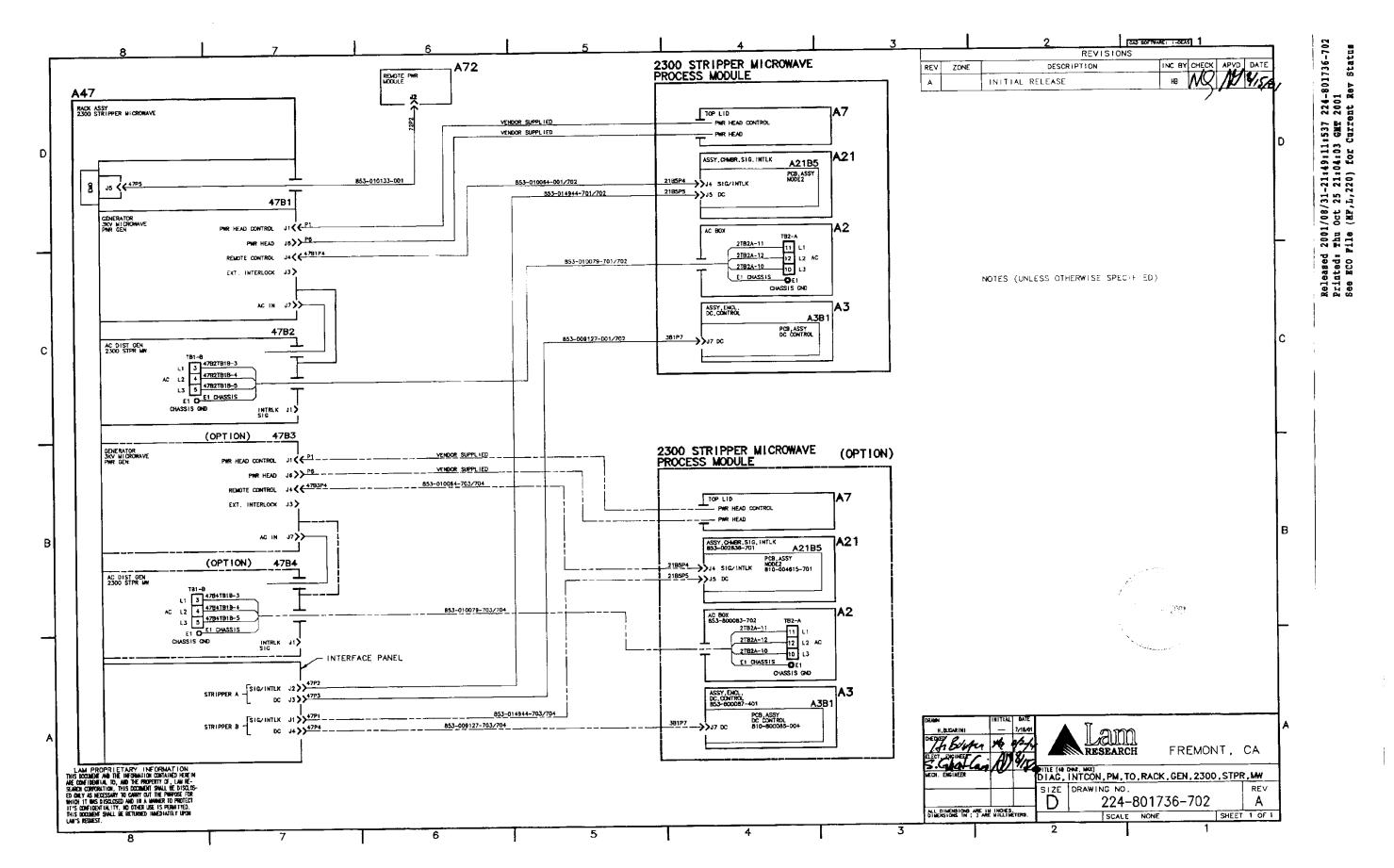


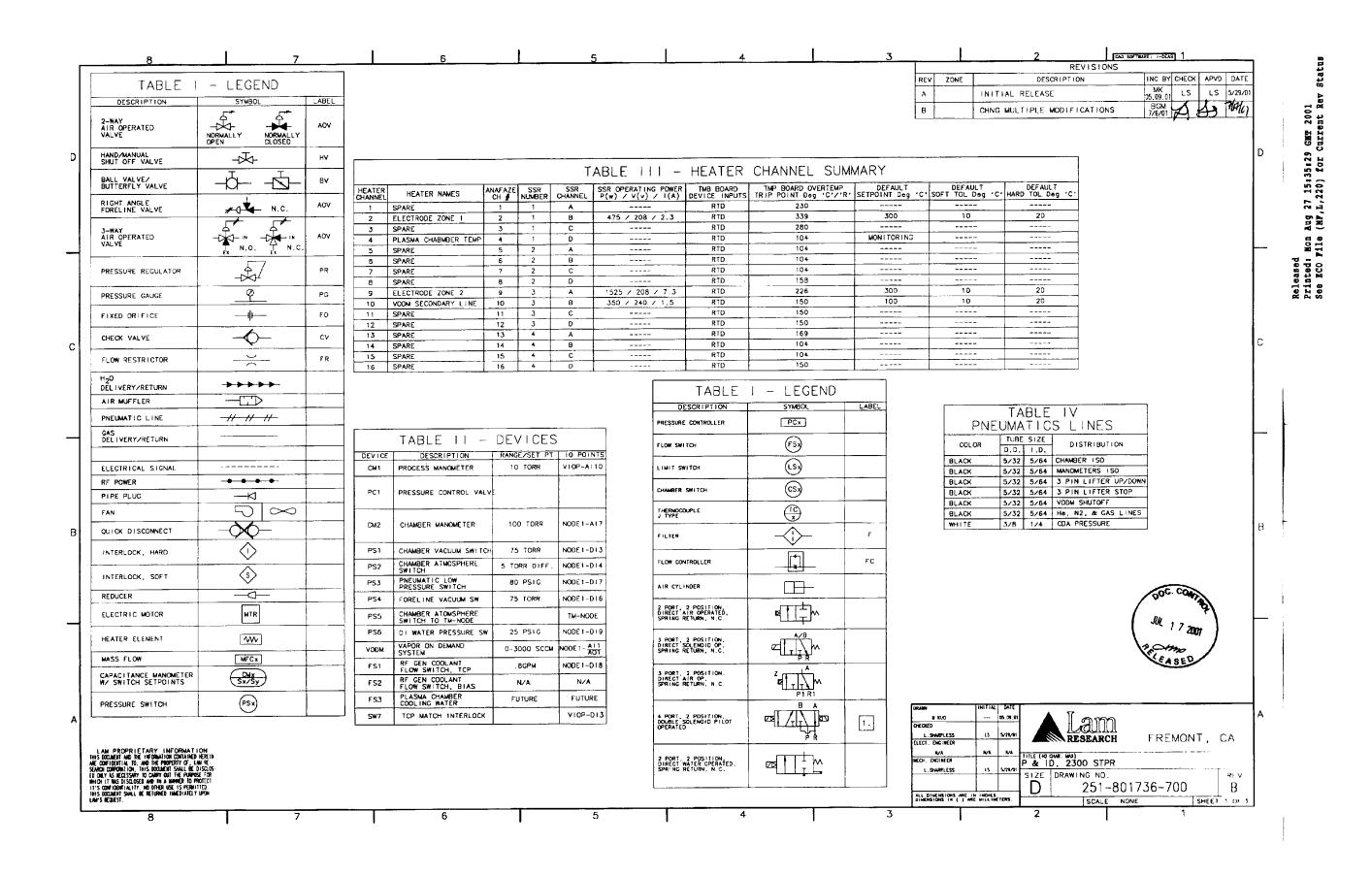


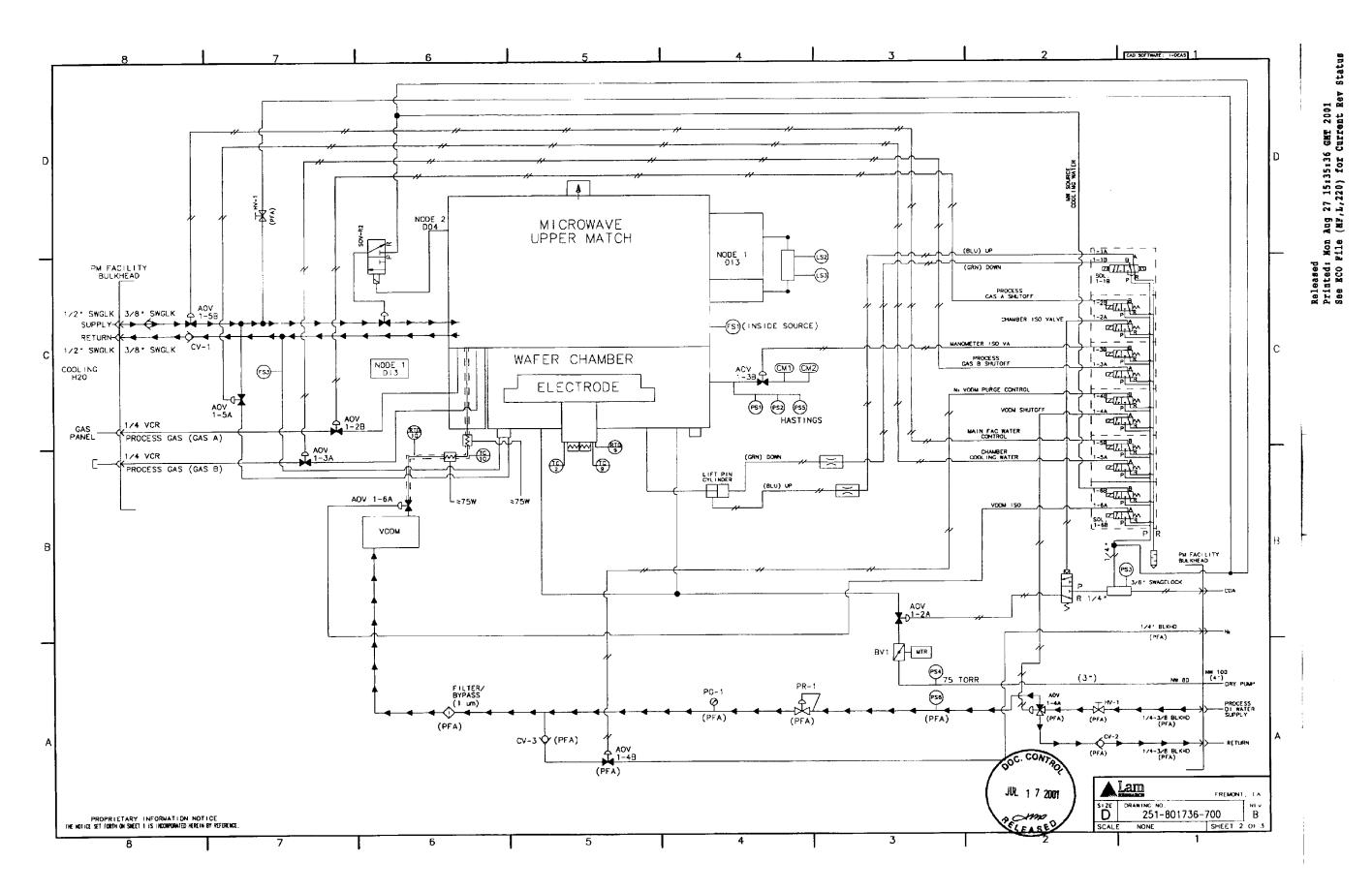


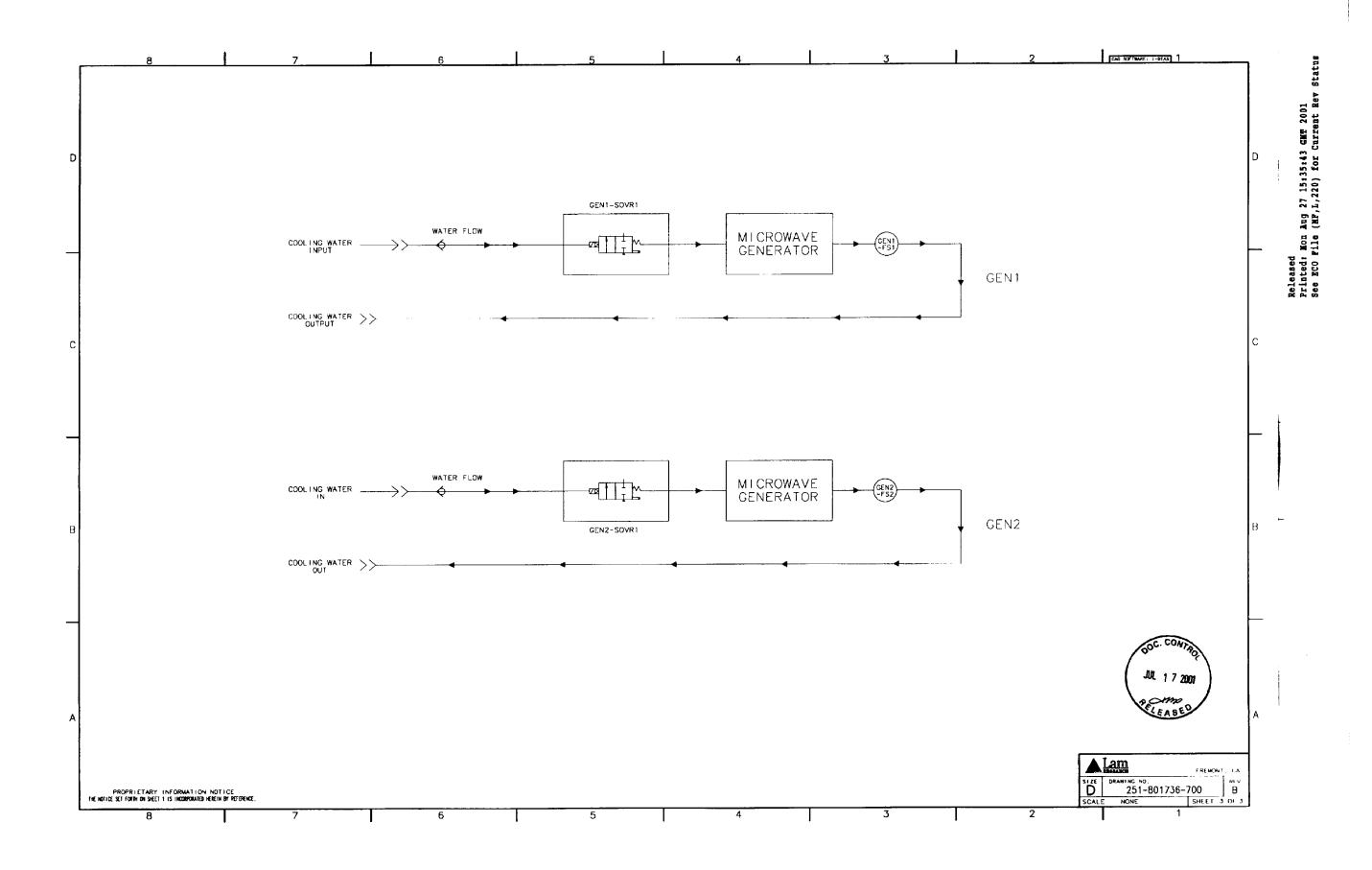












Part Number: 405-240351-001

## For additional information, contact the closest Lam Research Corporation Office

DOMESTIC OFFIC	ES		EUROPEAN OFF	ICES	
Corporate			Lam Research SARL		
CA	Fremont	(1) (510) 659-0200	France	Meyaln	(33) (0) 476-614-90
			France	Le Coudray	(33) (0) 164-93-740
Central Region				Montceaux	
TX	Austin	(1) (512) 634-3100			
TX	Richardson	(1) (972) 644-1717	Lam Research Gmb		
MN	Bloomington	(1) (612) 858-7225	Germany	Munich	(49) (0) 89-96099-
Eastern Region			Lam Research (Irela	ınd) Limited	
-	Westborough	(1) (508) 898-2090	Ireland	Dublin	(353) (1) 4579-18
	Fishkill	(1) (914) 896-0606			
VT	Williston	(1) (802) 879-1153	Lam Research (Israe	el)	
FL	Orlando	(1) (407) 438-8448	•	Natanya	(972) (9) 8-659-08
VA	Manassas	(1) (703) 392-6403		,	( , (, , , , , , , , , , , , , , , , ,
ME	South Portland	(1) (207) 828-9462	Lam Research SRL		
			Italy	Agata Li-Battiati, Cl	Г (39) (95) 725431
Northwestern Regior	า			Agrate Brianza-MI	(39) (039) 65704
ID	Boise	(1) (208) 373-7400		Marsicana, AQ	(39) (863) 41233
OR	Aloha	(1) (503) 642-8671	·		
WA	Vancouver	(1) (360) 260-9600	Lam Research BV		
			The	Nijmegen	(31) (24) 372-711
Southwestern Regior			Netherlands		
	Tempe	(1) (480) 921-7373			
	Colorado Spring		Lam Research Ltd.		
NM	Albuquerque	(1) (505) 857-0391	Scotland	East Kilbride	(44) 13552-3443
Western Region			Bristol	Almondsbury	(441) (454) 878-71
_	Costa Mesa	(1) (714) 641-1871			
	Fremont	(1) (510) 572-5500	PACIFIC RIM OF	FICES	
CA	Milpitas	(1) (510) 572-6109	Lam Research Chin	a	
				Beijing	(86) (10) 6510-299
JAPANESE OFFIC	FS		THE	beijing	(00) (10) 0310 233
			Lam Research Shan	nghai	
Lam Research Co., Lt				Shanghai	(86) (21) 6443-858
Kanagawa	Sagamihara-shi	(81) (427) 70-0320		J	
Lam Research Co., Lt	rd		Lam Research Kore	a Ltd	
•	Sagamihara-shi	(81) (427) 70-0321	Sungnam	Kyungki-Do	(82) (342) 710-660
-	Sagamihara-shi	(81) (427) 70-0326	Lam Taiwan		
	Tsuchiura-shi	(81) (298) 41-5930		Hsin-chu	(006) (25) 70066
~	Yokkaichi-shi	(81) (593) 55-6170		Hsin-chu	(886) (35) 79866 (886) (35) 34612
Miyagi-ken		(81) (222) 18-2770	NOC	risiii-ciiu	(880) (33) 34012
Hiroshima-ken		(81) (849) 28-9870	Lam Singapore Pte,	1+4	
Toyama-ken	Toyama-shi	(81) (764) 44-2250	Lam Singapore Fie,	Singapore	(GE) 491 000
Osaka	Osaka-shi	(81) (6) 305-0052		Siligapore	(65) 481-000
► To send e-mail, Publications Depar	tment	pubs@lamrc.com	► For emergenc Lam Tech Center		(1) (510) 572-2020
TSIC Support Lam Tech Center Video Department		tsic@lamrc.com lamtechcenter@lamrc.com video@lamrc.com	Field Service Customer Service	e (Parts)	(1) (800) 526-4357 (1) (800) 526-4357