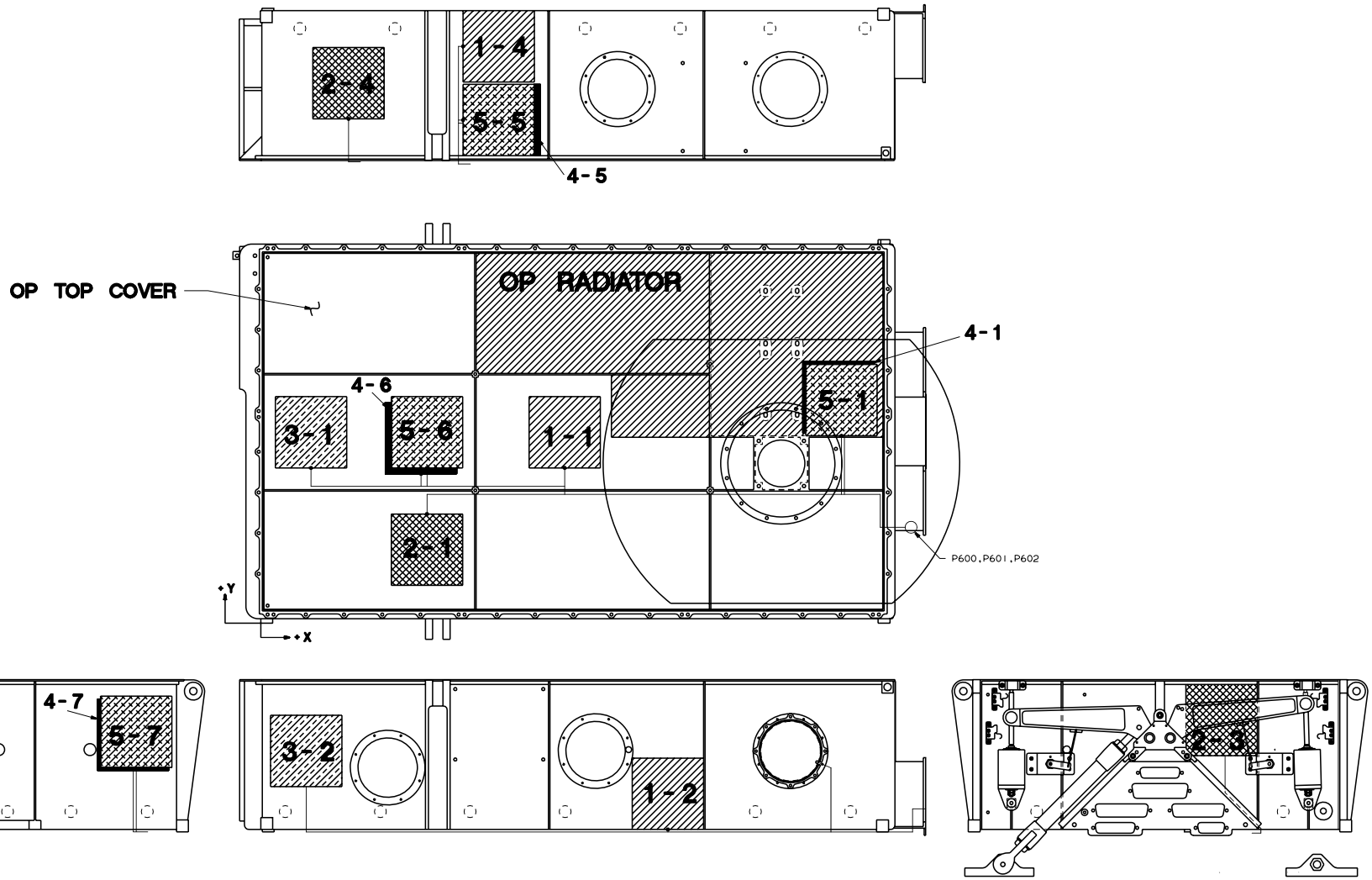
NOTES: (UNLESS OTHERWISE STATED)

1 INSTALL MINCO HEATERS, PART NO. HK5174R294L12B, PER PROCEDURE MDI320020. NOTE: CIRCUIT 5 HEATERS ARE INSTALLED ON TOP OF CIRCUIT 4 HEATERS.

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APVD



CIRCUIT 1
OPERATIONAL
GROUND COMMANDABLE
VARIABLE POWER CIRCUIT

CIRCUIT 2
OPERATIONAL
GROUND COMMANDABLE
ON/OFF CIRCUIT

CIRCUIT 3
OPERATIONAL
GROUND COMMANDABLE
ON/OFF CIRCUIT

CIRCUIT 4
NON-OPERATIONAL
PRIMARY CIRCUIT
(UNDERNEATH CIRCUIT 5)

CIRCUIT 5
NON-OPERATIONAL
REDUNDANT CIRCUIT
(ON TOP OF CIRCUIT 4)

QTY REQD	FSCM	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL DESCRIPTION OR NOTE	MATERIAL SPECIFICATION	ZONE	ITEM NO

PARTS LIST

UNLESS OTHERWISE SPECIFIED DIM. ARE IN INCHES. TOLERANCES ON: FRACTIONS = ± 1/16 DECIMALS: .X = ± .03 .XX = ± .010 .XXX = ± .005 ANGLES = ± 0° - 30'

CONTR PR6209

NEXT ASSY | USED ON
APPLICATION

CCA/CI

DATE 92-06-04
DWN B.K.JURCEVICH
APVD S. BOCHNER
APVD J. DUSENBURY
ENGRG B.K.JURCEVICH
CHKR S. BOCHNER
APVD L. SPRINGER
APVD L. REYNOLDS

Lockheed
LOCKHEED MISSILES & SPACE COMPANY, INC.
PALO ALTO RESEARCH LABORATORY
3251 HANOVER ST, PALO ALTO, CA 94304

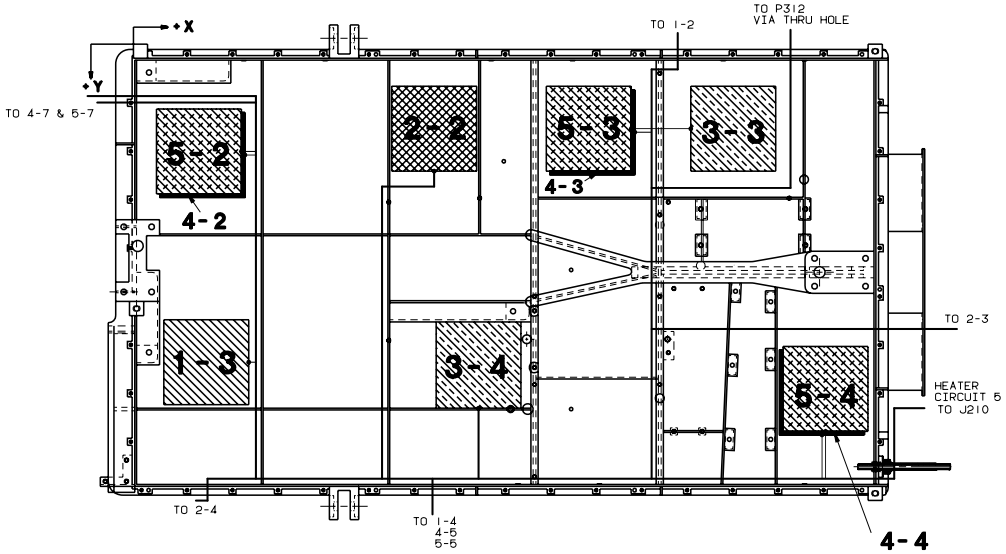
HEATER INSTALLATION, OPTICS PACKAGE - MDI

SIZE	FSCM	DRAWING NO	REV
E	65113	MDI141087	- -

SCALE | SH 1 OF

MDI141087

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APVD



HEATER LOCATIONS AND WIRE ROUTING

BOTTOM VIEW OF OP

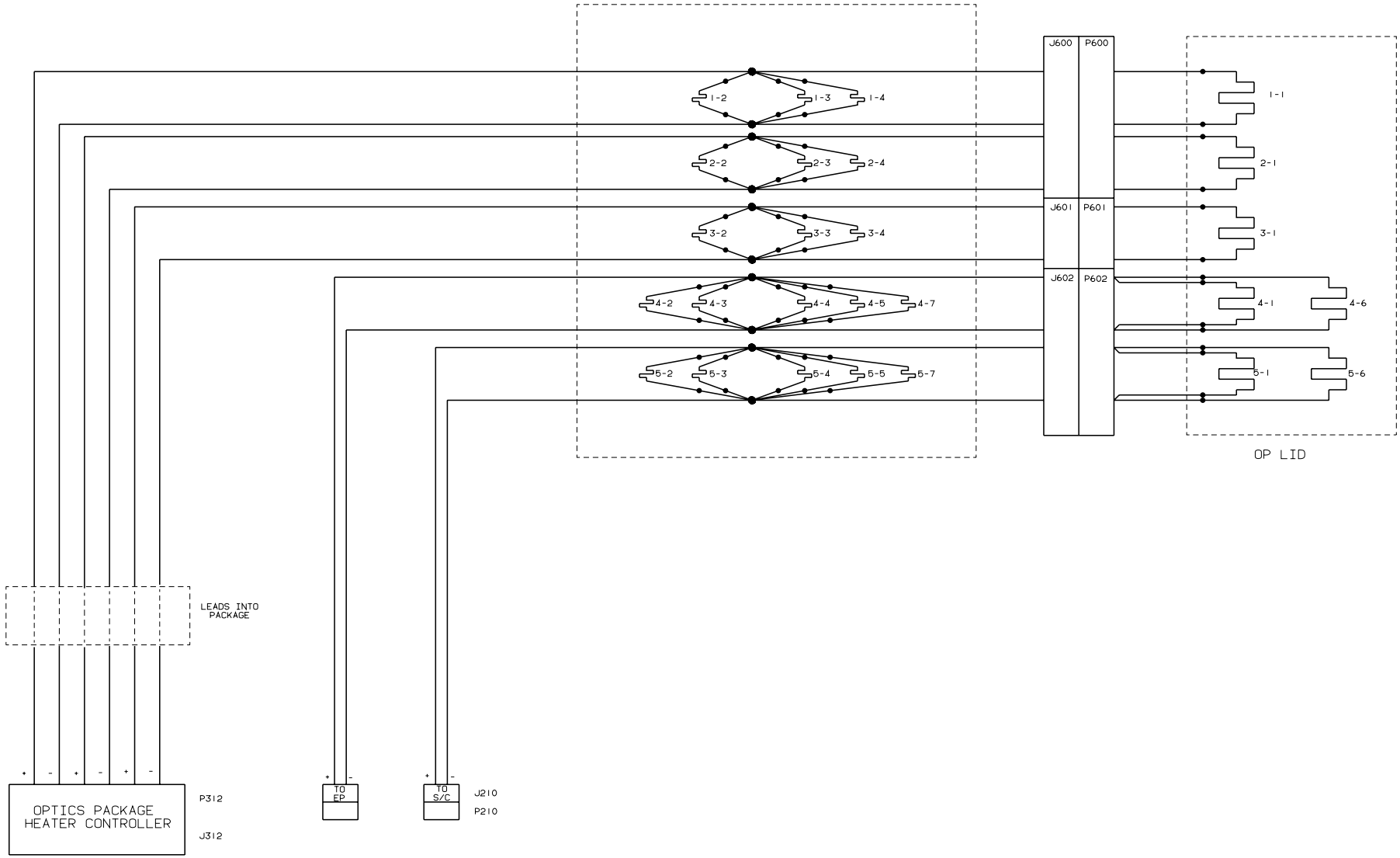
QTY REQD	FSCM	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL DESCRIPTION OR NOTE	MATERIAL SPECIFICATION	ZONE	ITEM NO
							10
AR		22-662-08012000	SHRINK SLEEVE				9
AR		M22759/33-289 EPS01-399	#28 AWG WIRE				8
AR		NAS 1387-1	SPLICES				7
1		JF2P2P95	MINI 4-PIN CONNECTOR	P602			6
1		JF2P2P95	MINI 4-PIN CONNECTOR	P601			5
1		JF2P2P95	MINI 4-PIN CONNECTOR	P600			4
AR		LAC24-4498	TAPE POLYIMIDE				3
AR		LAC24-4451	ALUMINUM TAPE				2
26		HK5174R294-L12B	HEATER				1

PARTS LIST

SIZE	FSCM	DRAWING NO	REV
E	65113	MDI141087	-
SCALE 5/8		SH 2 OF	

MDI141087 ID

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APVD



SIZE	FSCM	DRAWING NO	REV
E	65113	MDI141087	-
SCALE 5/8		SH 3 OF	

MDI141087 1 D