

REVISIONS			
REV	DESCRIPTION	DRAWN/CHECKER	A.U.C. / AUTHORIZED
0	RELEASE FOR PROTOTYPE	AF 12/11/89	LDR 12/11/89
1	RELEASE FOR PRODUCTION	MW 11/11/89	DHS 11/11/89
2	CHANGED SHEETS 3, 6 AND 7 AS PER ECO# 900226-00	AF 3/12/90	DHS 3-14-90
3	CHANGED DOC. CTL BLK & SHEETS 2, 6 & 8 PER ECO# 900530-00	J.V. 6/20/90	R 6/18/90
4	CHANGED DOC. CTL BLK & SHEET 3 PER ECO# 900927-01	J.V. 10/12/90	T 10/15/90
5	CHANGED DOC. CTL BLK & SHEET 3 PER ECO# 900226-00-A	MW 1/13/90	DHS 1/13/90

NOTES	
1.	UNLESS OTHERWISE INDICATED, RESISTORS ARE 5%, 1/4W.
2.	UNLESS OTHERWISE INDICATED, CAPACITORS ARE UF/V.
3.	UNLESS OTHERWISE INDICATED, DIODES ARE 1N4148.
4.	ANALOG GROUND CHASSIS GROUND ANALOG GROUND PWR GND
5.	1/2 DENOTES SHEET NUMBER AND A2 INTERSECT COORDINATE.
6.	ON BOARD CONNECTION-TO ON BOARD CONNECTION-FROM SOLDER CONNECTION

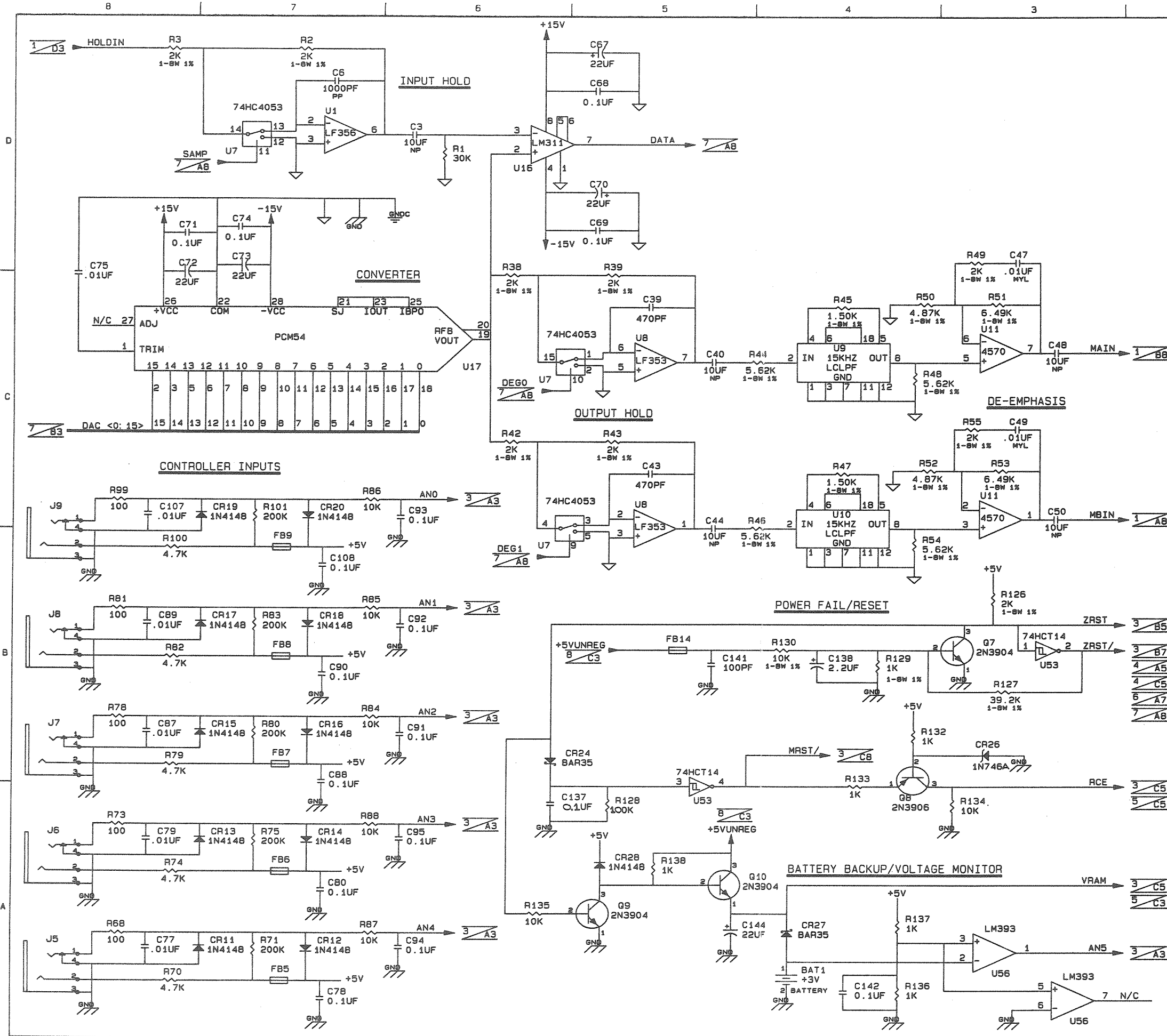
  

DOCUMENT CONTROL BLOCK: #060-07876	
SHEET NUMBER	REVISION NUMBER
1 OF 8	5
2 OF 8	2
3 OF 8	4
4 OF 8	1
5 OF 8	1
6 OF 8	3
7 OF 8	2
8 OF 8	2

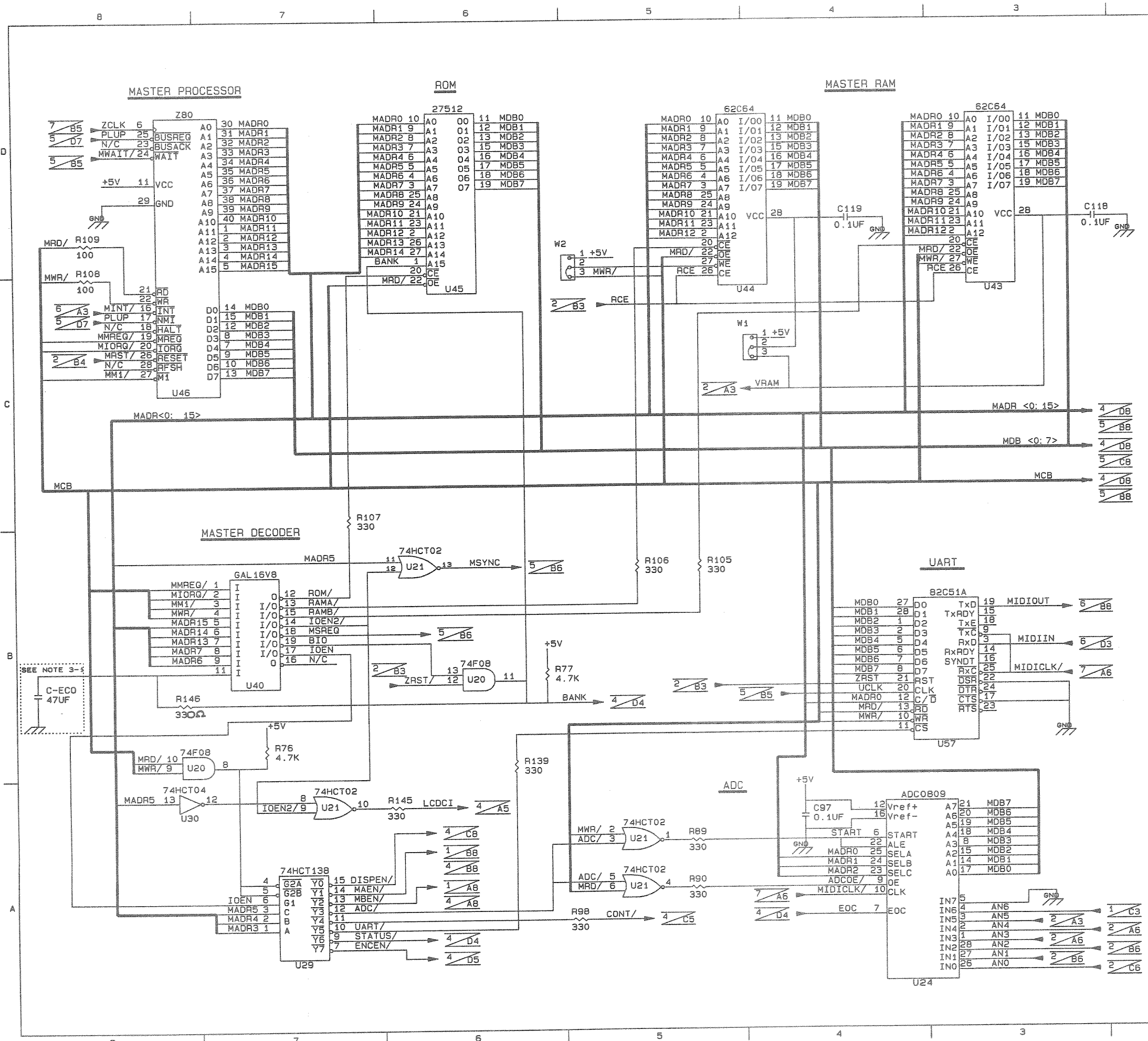
  

CONTRACT NO.	Lexicon		
	100 BEAVER ST. WALTHAM, MA 02154		
APPROVALS	DATE	TITLE	SHEET 1 OF 8
DRAWN	AF 12/11/89	SCHMATIC, LXP-15 ANALOG I	
CHECKED	MW 12/11/89	SIZE CODE NUMBER	
G.C. LDR	12/11/89	D	060-07876 5
ISSUED	DHS 12/11/89		

REVISIONS			
REV	DESCRIPTION	DRAFTER/CHECKER	G.C./AUTHORIZED
0	RELEASE FOR PROTOTYPE	AF 12/11/89	12/11/89
1	RELEASE FOR PRODUCTION	AF 1/11/90	1-11-90
2	CHANGED C137, R128 & CR26 PER ECO#900550-00	J.V. 6/20/90	6/20/90



CONTRACT NO.	Lexicon 100 BEAVER ST. WALTHAM, MA 02154		
APPROVALS	DATE	TITLE	
AF 12/11/89	12/11/89	SCHEMATIC, LXP-15 ANALOG II	
CHECKED	DATE	SIZE	CODE NUMBER
AF 12/11/89	12/11/89	D	060-07876
ISSUED	DATE	REV.	
AF 1-11-90	1-11-90	2	



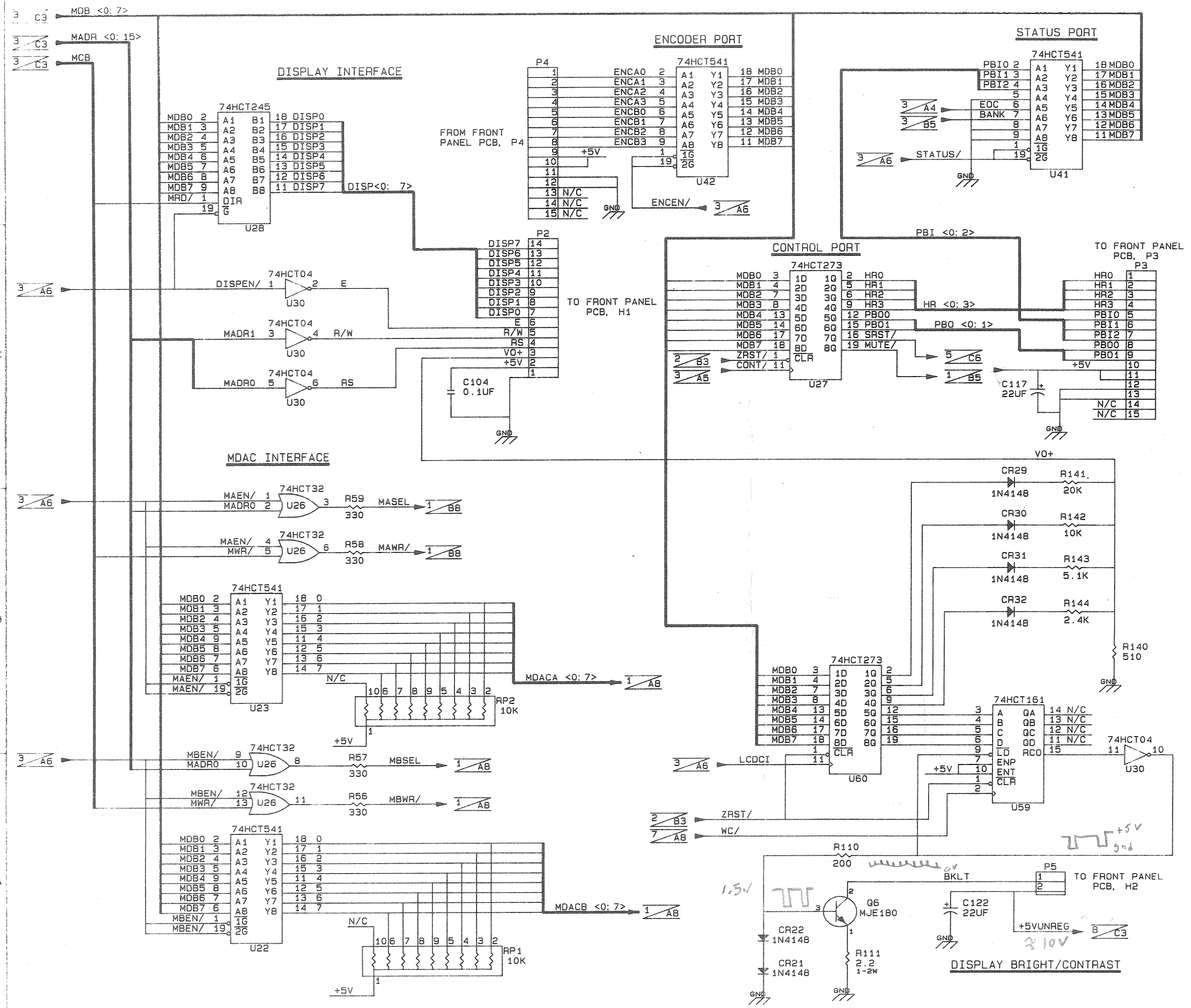
REVISIONS			
REV	DESCRIPTION	DRAWN/CHECKER	D.C. / AUTHORIZED
0	RELEASE FOR PROTOTYPE	MWH/12/11/89	LDR/12/11/89
1	RELEASE FOR PRODUCTION	AF/12/11/89	DHS/12/11/89
2	ADD R146 AS PER ECO# 900226-00	MWH/3/12/90	DHS/3/12/90
3	CHANGE PILOT UNIT #'S TO 900-909 PER ECO# 900927-01.	J.V. 10/22/90	R.P.S. 10/22/90
4	CHANGED R146 TO 330Ω PER ECO# 900226-00-A	J.V. 11/13/90	R.P.S. 11/13/90

NOTES

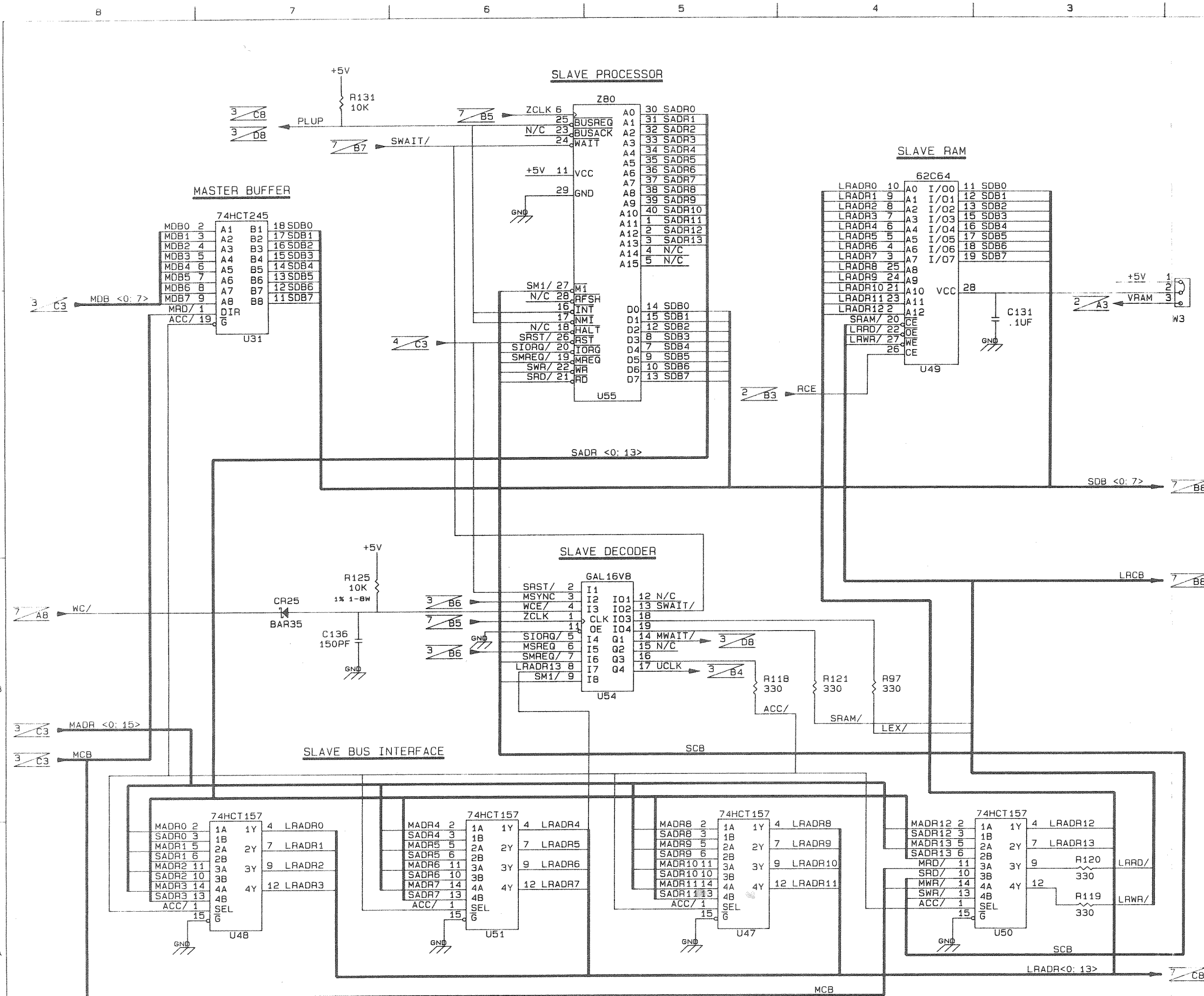
3-1. C-ECO IS INSTALLED IN PILOT UNITS 900-909 R146 IS NOT INSTALLED IN THESE UNITS.

CONTRACT NO.	100 BEAVER ST. WALTHAM, MA 02154		
APPROVALS	DATE	TITLE	REV.
DRAWN MWH	12/11/89	SCHMATIC, LXP-15 MASTER UP	
CHECKED AF	12/11/89	SIZE CODE NUMBER	
ISSUED DHS	12/11/89	D	060-07876 4
SHEET 3 OF 8			

REVISIONS			
REV	DESCRIPTION	DRAFTER/CHECKER	D.C. / AUTHORIZED
0	RELEASE FOR PROTOTYPE	AF 12/11/89	12/11/89
1	RELEASE FOR PRODUCTION	AF 1/1/90	1-11-90

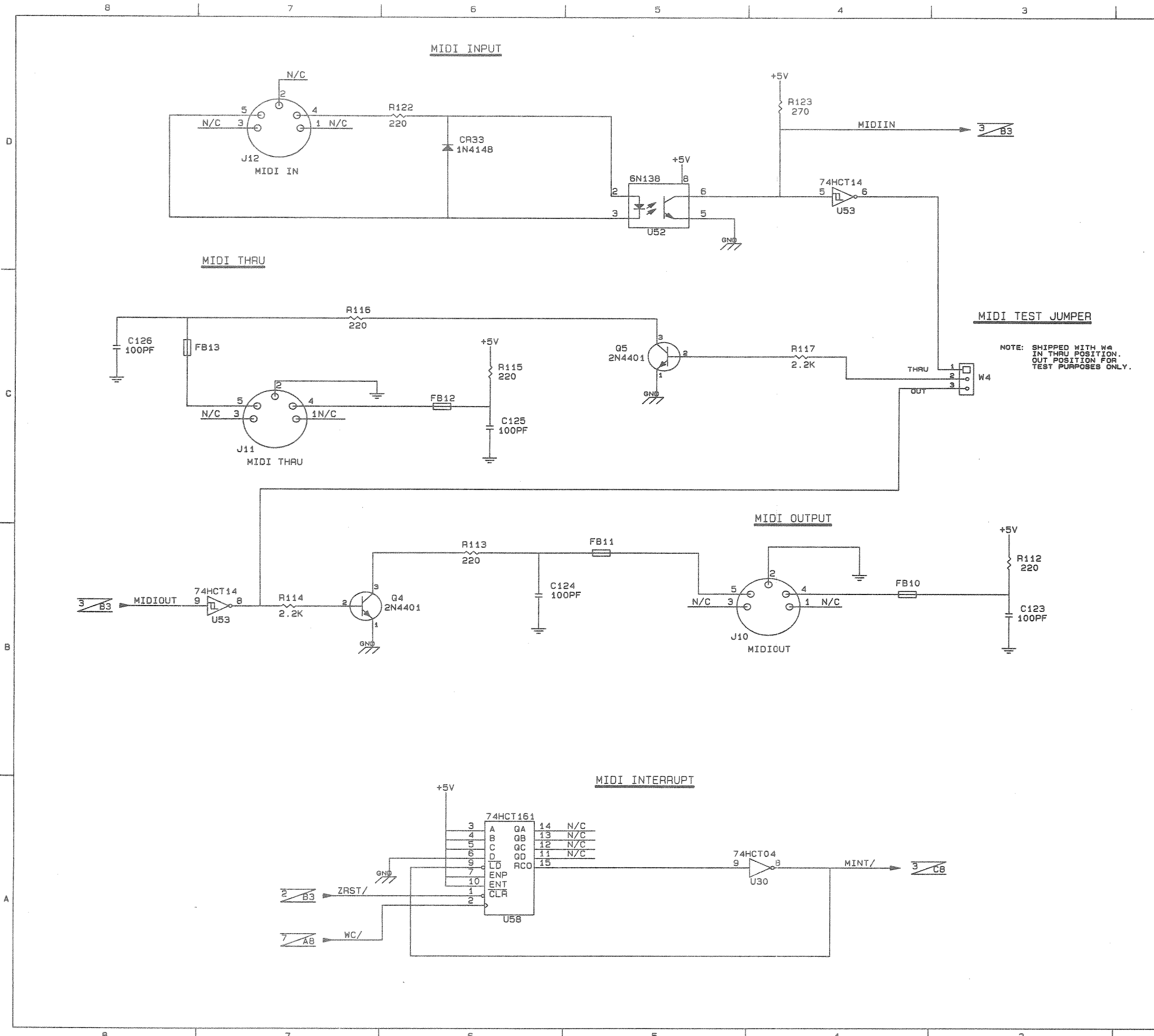


CONTRACT NO.		lexicon 100 BEAVER ST. WALTHAM, MA 02154	
APPROVALS	DATE	TITLE	
DRAWN MWH	12/11/89	SCHEMATIC, LXP-15	
CHECKED AF	12/11/89	I/O INTERFACE	
Q.C. <i>car</i>	12/11/89	SIZE	NUMBER
ISSUED <i>DM</i>	1-11-90	D	060-07876
			REV. 1
			SHEET 4 OF 8



REVISIONS			
REV	DESCRIPTION	DRAFTER/CHECKER	G.C./AUTHORIZED
0	RELEASE FOR PROTOTYPE	AF 12/11/89	12/11/89
1	RELEASE FOR PRODUCTION	AF 1/11/90	1-11-90

CONTRACT NO.		exicon	
		100 BEAVER ST. WALTHAM, MA 02154	
APPROVALS	DATE	TITLE	
DRAWN MWH	12/11/89	SCHEMATIC, LXP-15	
CHECKED AF	12/11/89	SLAVE UP	
G.C.	12/11/89	SIZE	CODE NUMBER
ISSUED	1-11-90	D	060-07876
			REV. 1
			SHEET 5 OF 8



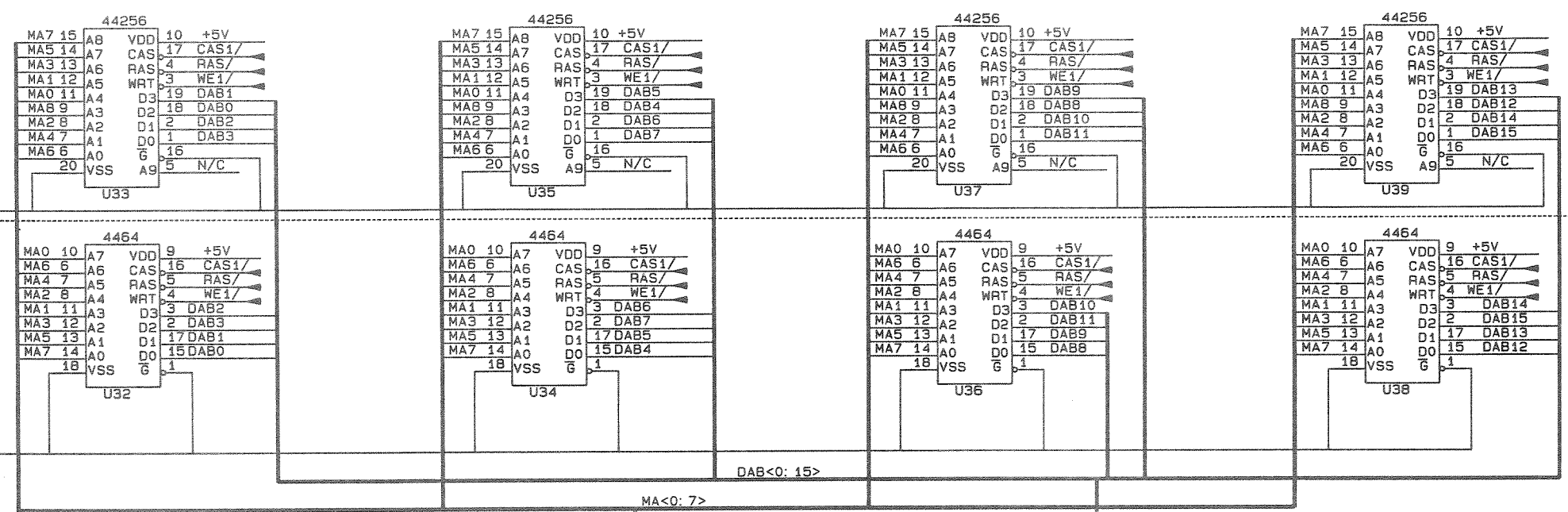
REVISIONS			
REV	DESCRIPTION	DRAFTER/CHECKER	AUTHORIZED
0	RELEASE FOR PROTOTYPE	MWH/12/11/89	LDR/12/11/89
1	RELEASE FOR PRODUCTION	AF/12/11/89	DHS/12/11/89
2	AS PER ECO# 900226-00 RE-ROUTE MIDI THRU AT RE-ROUTE CR33 PIN 2	MWH/3/12/90	LDR/3/14/90
3	CORRECTED NOTE PER ECO# 900530-00	J.V./6/20/90	R. C./6/19/90

CONTRACT NO.		Lexicon	
		100 BEAVER ST. WALTHAM, MA 02154	
APPROVALS	DATE	TITLE	
DRAWN MWH	12/11/89	SCHEMATIC, LXP-15	
CHECKED AF	12/11/89	MIDI	
G.C. LDR	12/11/89	SIZE	CODE NUMBER
ISSUED DHS	12/11/89	D	060-07876
			REV. 3
			SHEET 6 OF 8

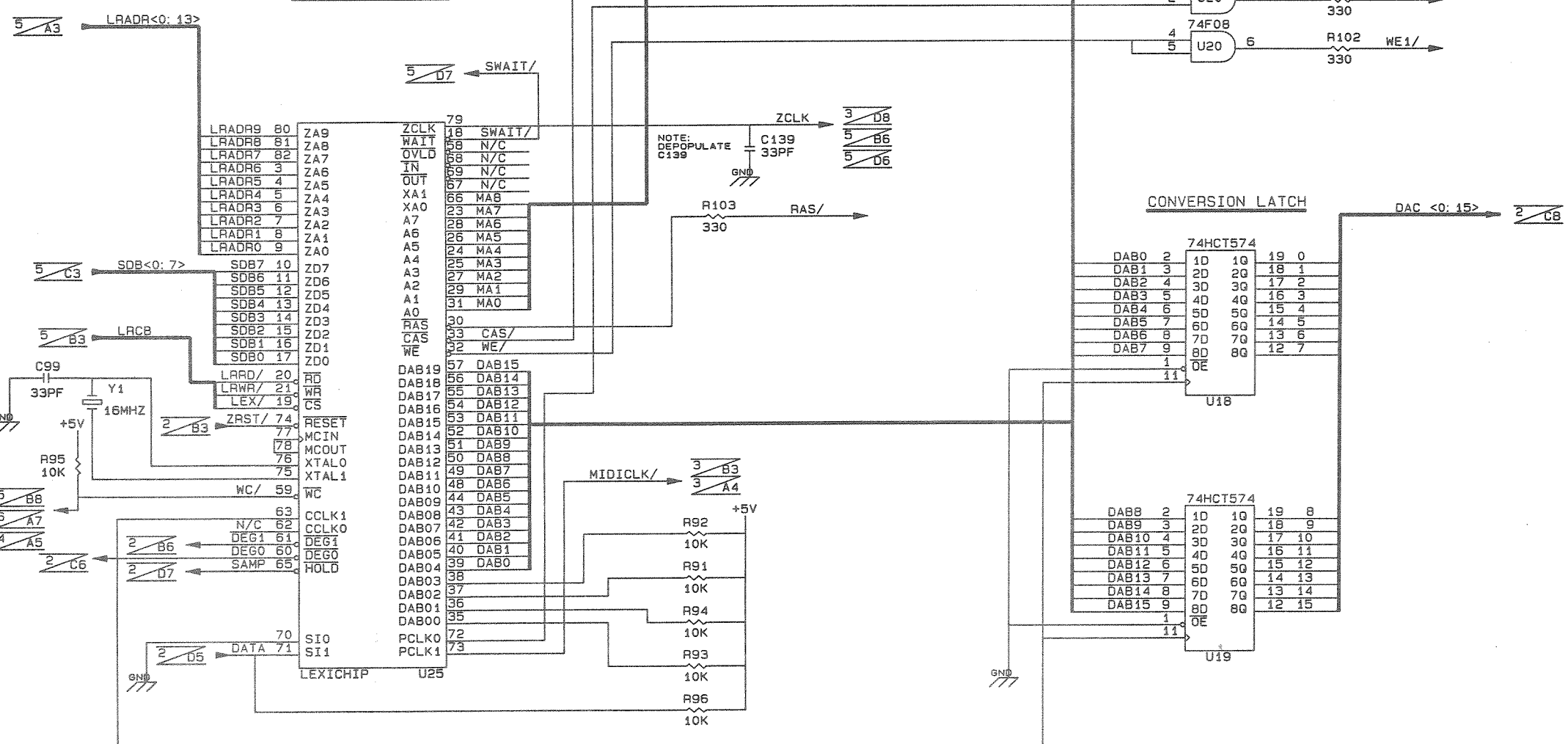


**AUDIO MEMORY**

NOTE: U33, 35, 37, 39 ARE LEFT UNPOPULATED.  
(RESERVED FOR 256K BY 16 DRAM OPTION)



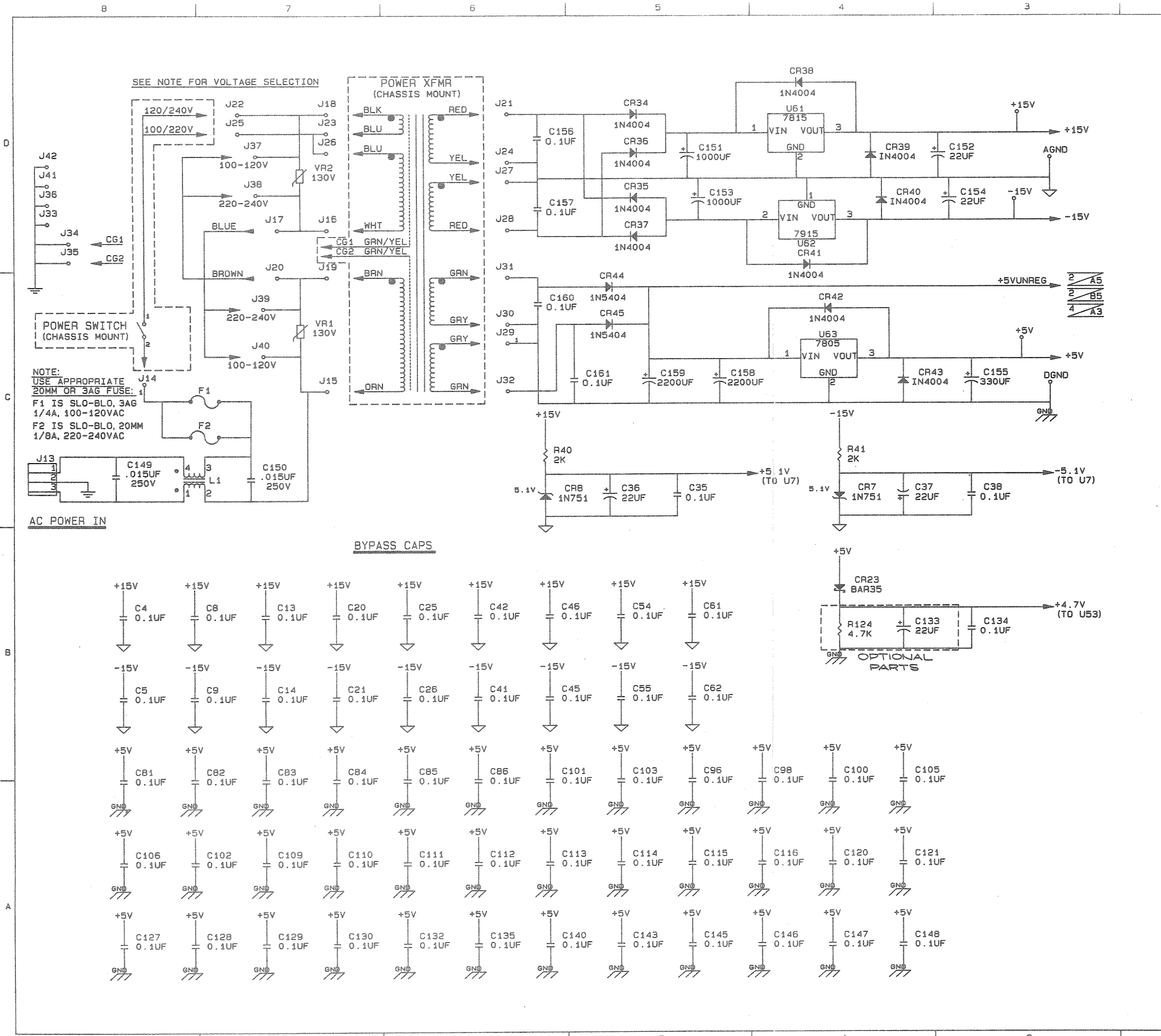
**AUDIO PROCESSOR**



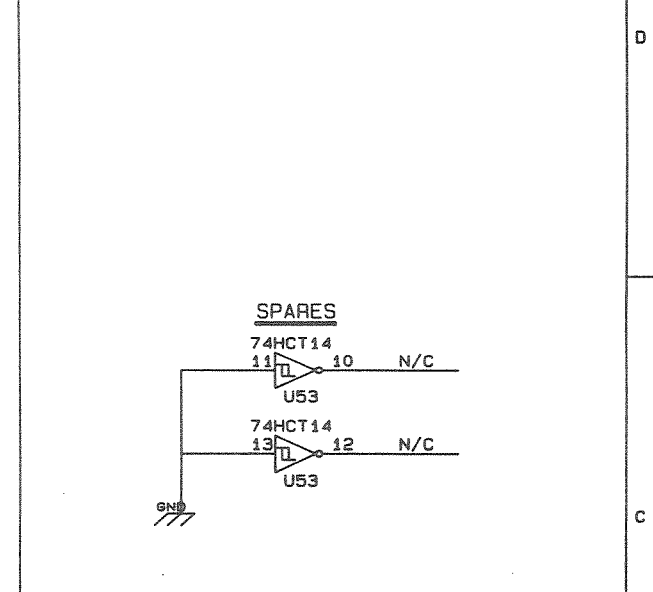
**REVISIONS**

REV	DESCRIPTION	DRAFTER/CHECKER	AUTHORIZED	G.C./
0	RELEASE FOR PROTOTYPE	MWH/12/11/89	LDR/12/11/89	
1	RELEASE FOR PRODUCTION	AF/12/11/89	DHS/12/11/89	
2	AS PER ECO# 900226-00 DEPOPULATE C139	MWH/3/12/90	LDR/3/12/90	AF/3/12/90

CONTRACT NO.	Lexicon 100 BEAVER ST. WALTHAM, MA 02154		
APPROVALS	DATE	TITLE	
DRAWN MWH	12/11/89	SCHEMATIC, LXP-15	
CHECKED AF	12/11/89	SIZE	CODE NUMBER
ISSUED LDR	12/11/89	D	060-07876
G.C. DHS	12/11/89	REV. 2	

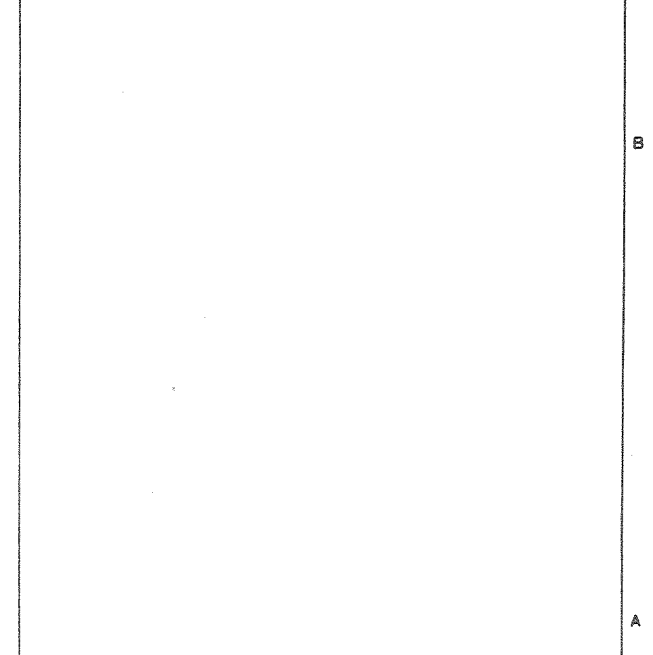


REVISIONS			
REV	DESCRIPTION	DRAWN/CHECKER	D.C. / AUTHORIZED
0	RELEASE FOR PROTOTYPE	AF 12/11/89	12/11/89
1	RELEASE FOR PRODUCTION	AF 1/11/90	1/11/90
2	R124, C133 ARE OPTIONAL PER ECO#900890-00	J.M. 2/20/90 F. 6/20/90	2-11-90 3/2/90



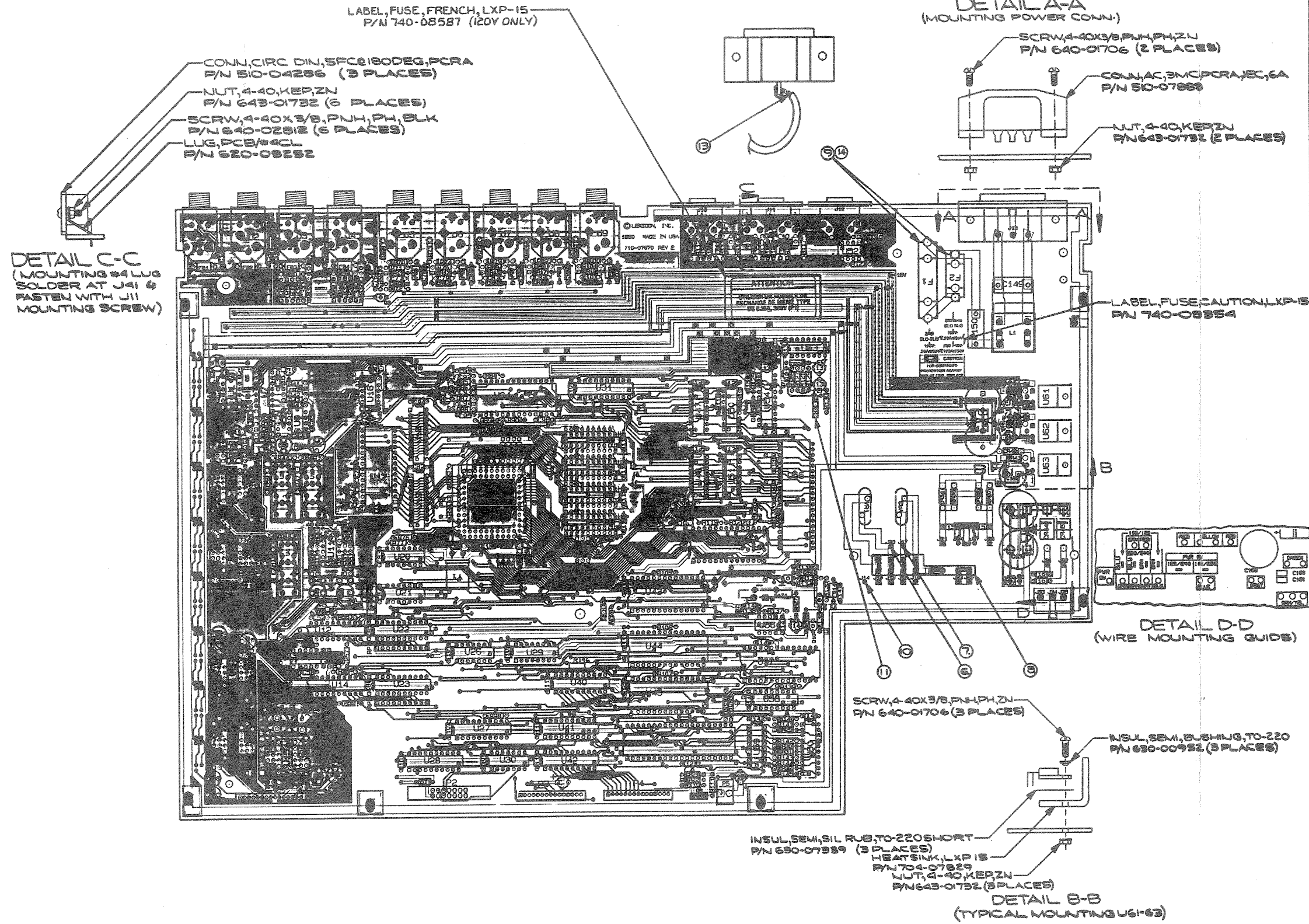
**VOLTAGE SELECTION**  
CONNECT THE APPROPRIATE WIRES ACCORDING TO THE TABLE BELOW PER THE AC VOLTAGE REQUIREMENT:

VAC	(J17) BLUE	(J20) BROWN	FROM PWR SW
100V	J40	J37	J25
120V	J40	J37	J22
220V	J39	J38	J25
240V	J39	J38	J22



CONTRACT NO.	lexicon 100 BEAVER ST. WALTHAM, MA 02154		
APPROVALS	DATE	TITLE	
DRAWN AF	12/11/89	SCHEMATIC, LXP-15 POWER SUPPLY	
CHECKED	12/11/89	SIZE	CODE NUMBER
D.C.	12/11/89	D	060-07876
ISSUED	1-11-90	REV.	2
		SHEET 8 OF 8	





REVISIONS			
REV.	DESCRIPTION	DRAFTER/DESIGNER	D.C./AUTH.
0	RELEASE FOR PILOT	J.V. 11/13/89 AF 11/13/89	
1	RELEASE FOR PRODUCTION	J.V. 1/24/90 AF 1/29/90	lw 2/2/90 1/13/90 DWP
2	CHANGED PER ECOM 900226-00	7/17/90 7/17/90 11/14 4/25/90	lw 5/17/90 DWP 5/11/90
3	ADDED NOTE 9 ON SHT 2 & UPDATED DOC. CTL. BLK. PER ECO#900505-02	J.V. 5/16/90 AF 5/16/90	lw 5/16/90 DWP 5/16/90
4	UPDATED FUSE LABEL & NOTE 10, ADDED NOTE 13 & SKETCH PER ECO#900612-01	J.V. 7/3/90 AF 7/3/90	DWP 7/1/90 DWP 2/1/90
5	ADDED FRENCH FUSE LABEL AND NOTE 14 PER ECO#900906-00	TD47 9-25-90 AF 9-28-90	lw 10/2/90 11/1/90 DWP

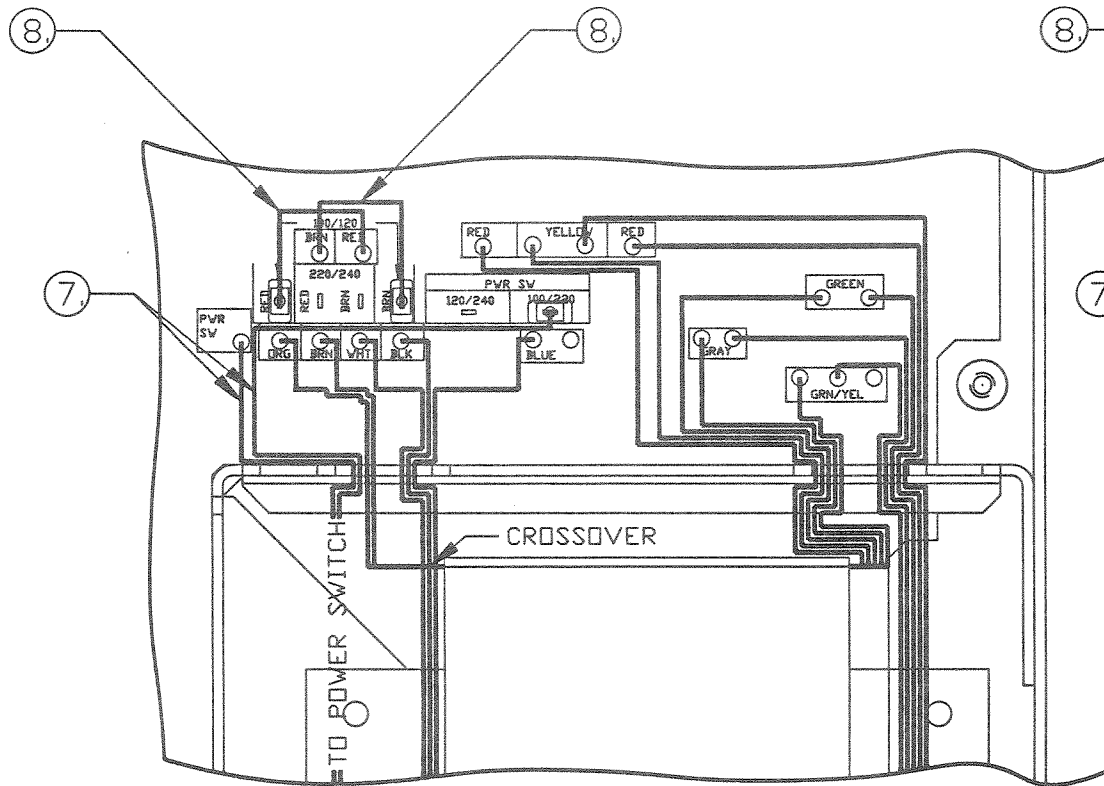
NOTES

- ALL COMPONENTS TO BE INSTALLED FROM COMPONENT SIDE OF P.C.B. EXCEPT SWAGED STANDOFFS.
- MASKING FOR POST-SOLDER ASSEMBLY IS INDICATED BY SOLID AREAS.
- COMPONENT HEIGHT 1.10" MAXIMUM.
- LEAD PROTRUSIONS .080" MAXIMUM FROM CIRCUIT SIDE OF P.C.B.
- SOCKET IC POSITIONS: U12, 14, 17, 24, 25, 32, 34, 36, 38, 40, 43, 44, 45, 46, 49, 54, 55 & 57.
- INSERT STRIPPED LEAD OF 22 AWG BROWN WIRE P/N 675-08257, AT J20 AND SOLDER.
- INSERT STRIPPED LEAD OF 22 AWG BLUE WIRE P/N 675-08256, AT J17 AND SOLDER.
- INSERT QDC'S P/N 50-08255 AT J22, 25, 37-40. SECURE QDC'S MECHANICALLY, BY BENDING LEGS ON SOLDER SIDE OF PCB. AT A MINIMUM OF 60 DEGREES BEFORE SOLDERING. ZIERICK TOOL ZPT81-A MAY BE USED FOR INSERTION. USE ANVIL P/N 90-0102-0300 AND HOLDER P/N 90-012-1375 WITH ARBOR PRESS OR EQUIVALENT FOR BENDING LEGS.
- FOR 120 VAC, INSTALL 0.25A/250V 3AG FUSE (P/N 440-00860) IN POSITION F1. FOR 100 VAC, INSTALL 0.25A/250V 20MM FUSE (P/N 440-02348) OR FOR 220/240 VAC, INSTALL 0.25/250V 20MM FUSE (P/N 440-02347) IN POSITION F2.
- INSERT STRIPPED LEAD OF 22 AWG BROWN WIRE P/N 675-08255 AT J14 AND SOLDER.
- INSERT W4 POST-SOLDER JUMPER AT PINS 1 & 2.
- REFER TO BOM#S: 023-08278 FOR 100V; 023-07856 FOR 120V; 023-07867 FOR 220V AND 240V.
- INSERT STRIPPED LEAD OF 18 AWG GRN/YEL WIRE P/N 675-08272 THROUGH HOLE IN J18 AND TWIST TOGETHER FOR A GOOD MECHANICAL CONNECTION BEFORE SOLDERING.
- APPLY A DROP OF LOCTITE TAK-PAK ADHESIVE OR EQUIVALENT TO PLS AND FUSE COVERS BEFORE INSTALLING.

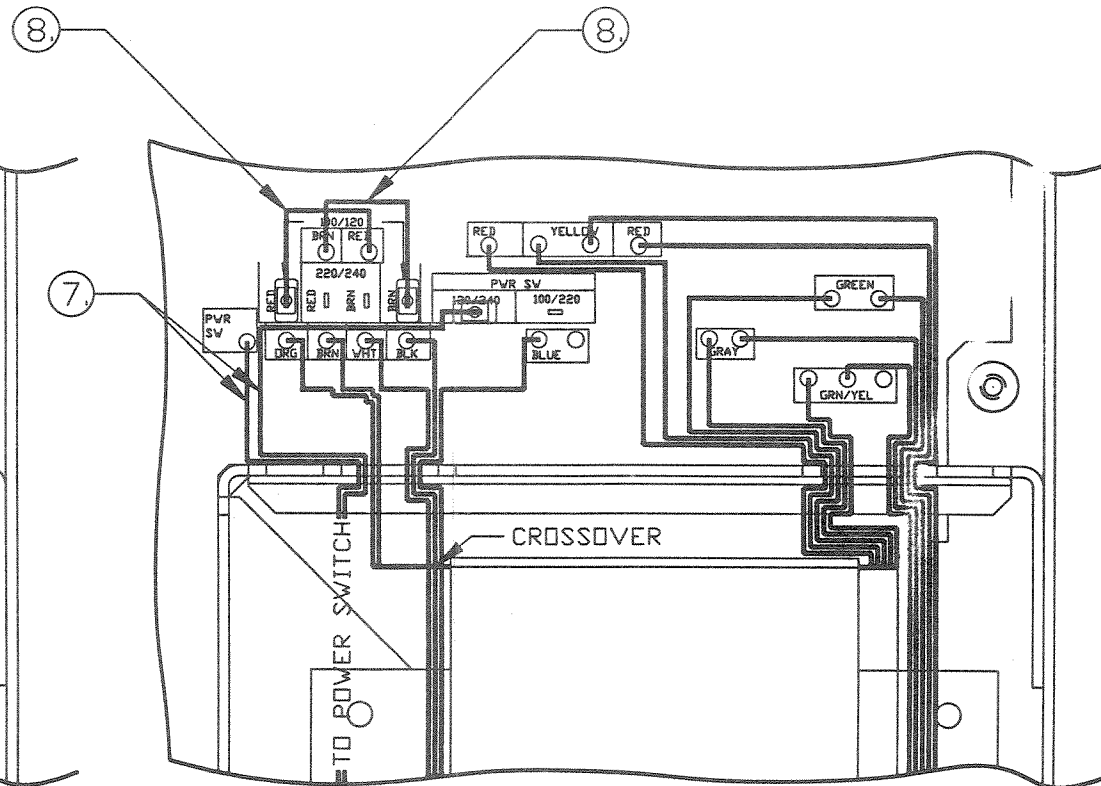
DOCUMENT CONTROL BLK			
SHEET		REVISION	
1		5	
2		3	

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES .01 .005 .005		CONTRACT NO.	
MATERIAL		lexicon	
NEXT ASSY USED ON		PC BD, MAIN BD, LXP-15	
APPLICATION		ASSEMBLY DRAWING	
DO NOT SCALE DRAWING		ISSUED	

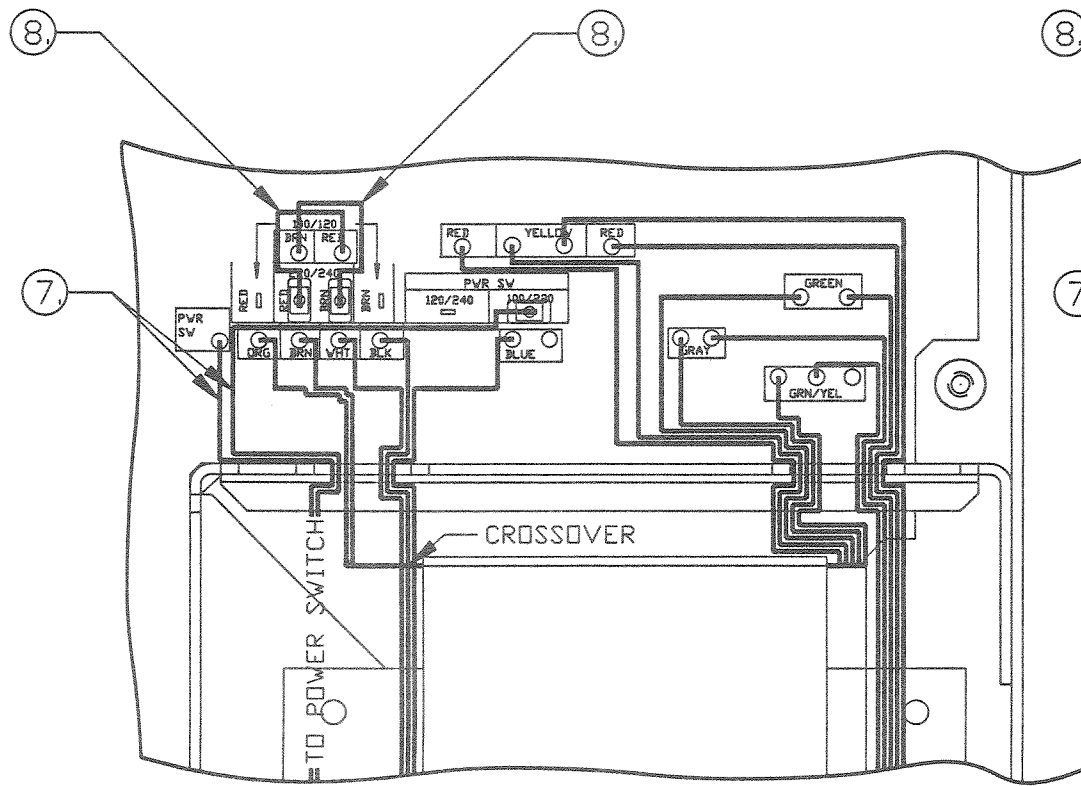
APPROVALS	DATE	PC BD, MAIN BD, LXP-15	
DRAWN J.V.	1/2/90		
CHECKED AF	1/13/90		
DWG. NO.	080-07875	REV	5
G.C. lw	2/2/90	SCALE	1:1
SHEET 1 OF 2			



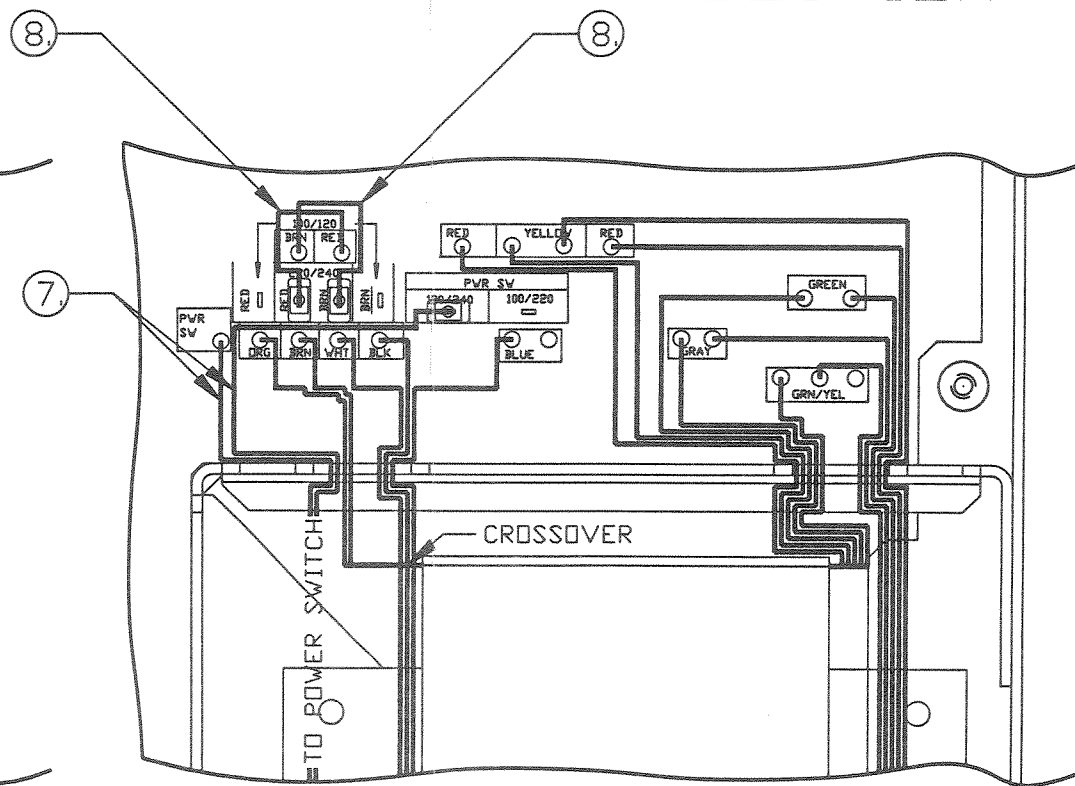
100 VOLTS SELECTION



120 VOLTS SELECTION



220 VOLTS SELECTION



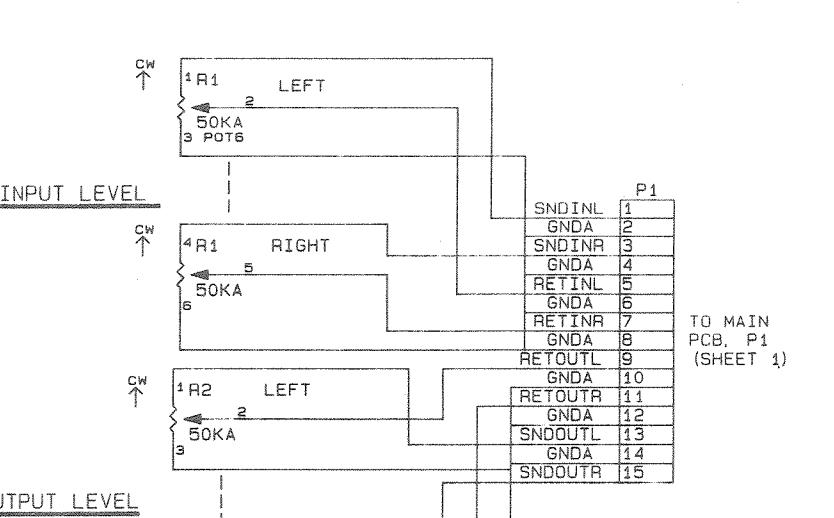
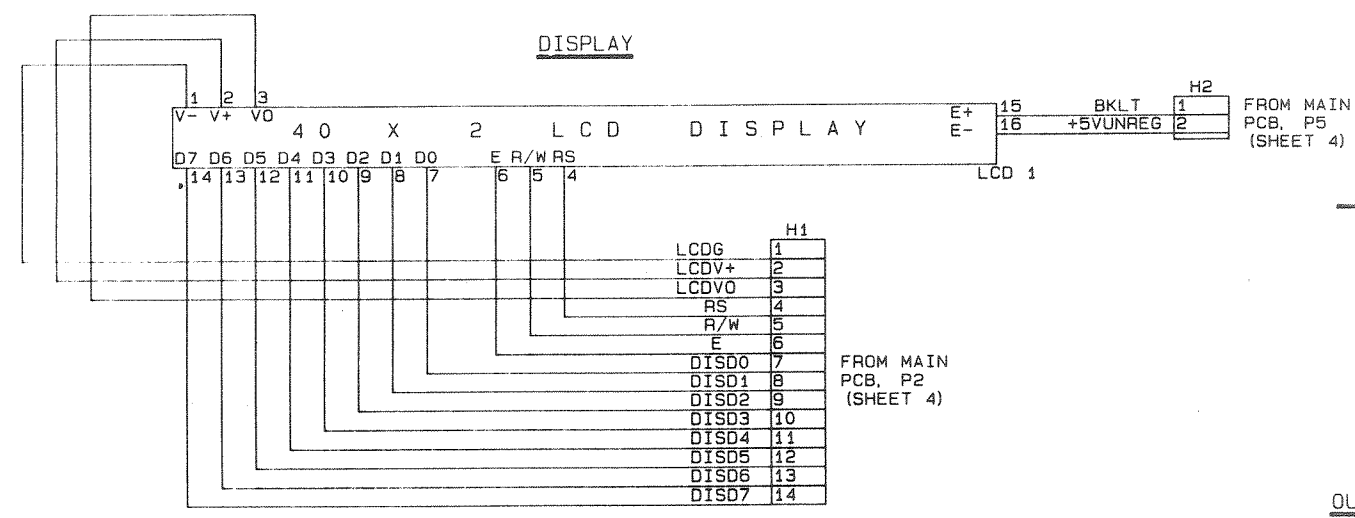
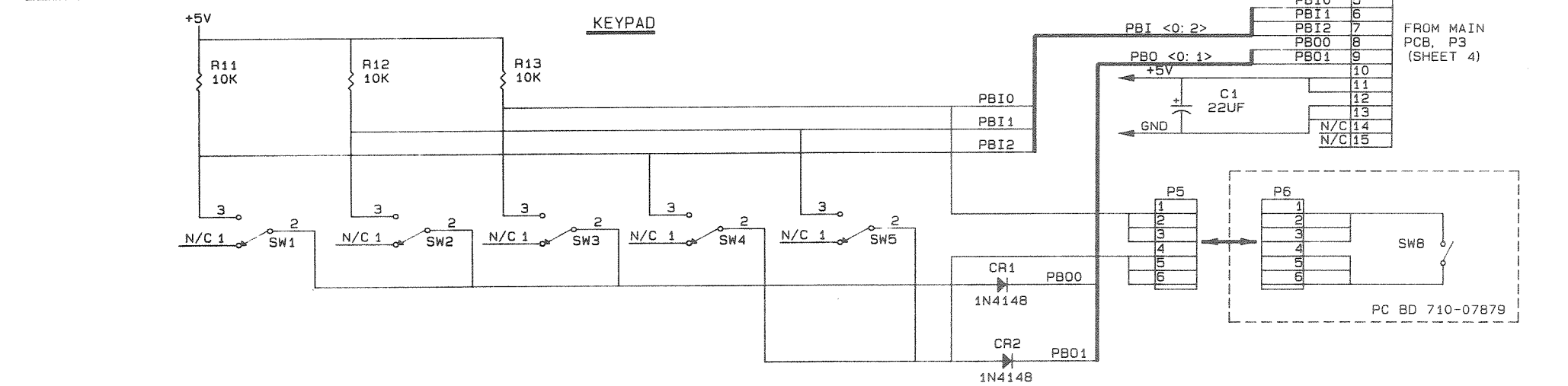
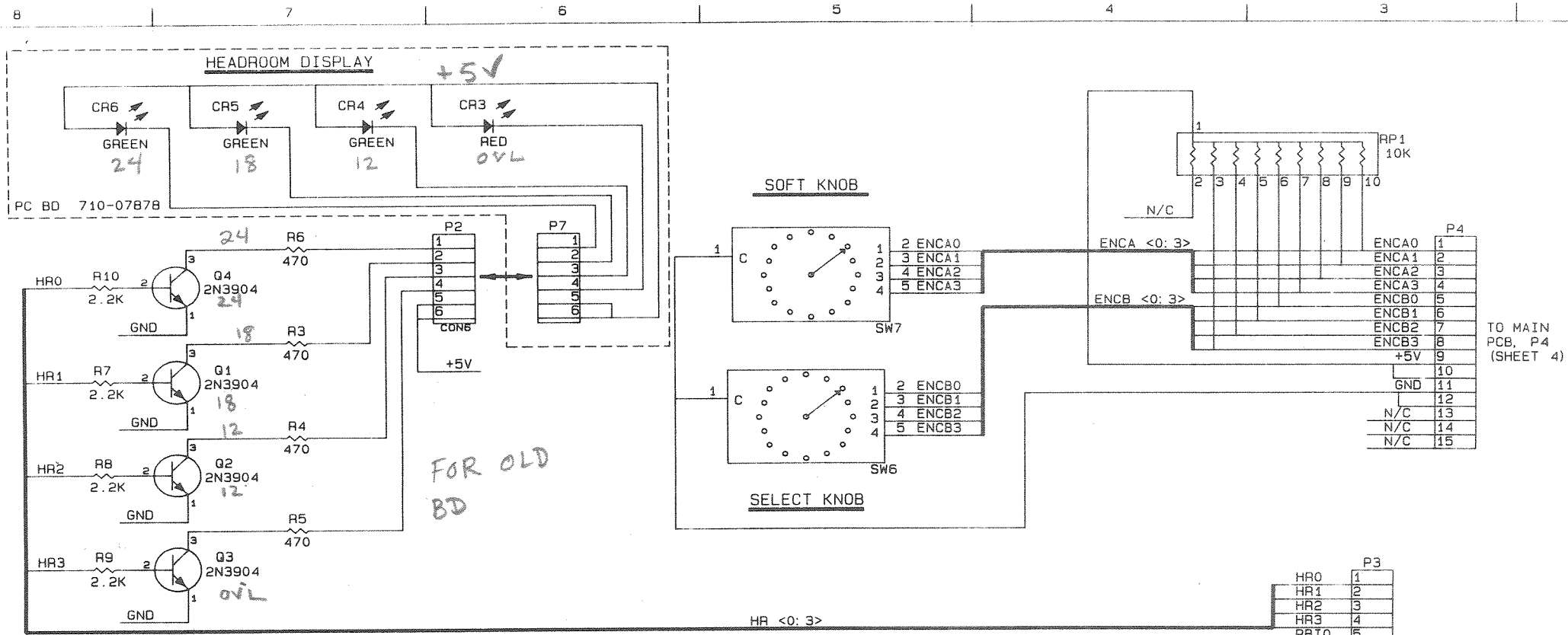
240 VOLTS SELECTION

REVISIONS			
REV.	DESCRIPTION	DWR/CHKD	Q.C./AUTH
1	RELEASE FOR PRODUCTION	JV 2/13/90 AF 2/13/90	CL 2/13/90 2/13/90
2	ADDED NOTE 9 PER ECO#900503-02	J.V. 5/16/90 F 5/16/90	CL 5/16/90 D.H. 5/16/90
3	UPDATED NOTE 7 AND ADDED NOTE 10 PER ECO#900612-01	J.V. 7/13/90 F 7/13/90	7/13/90 D.H. 7/13/90

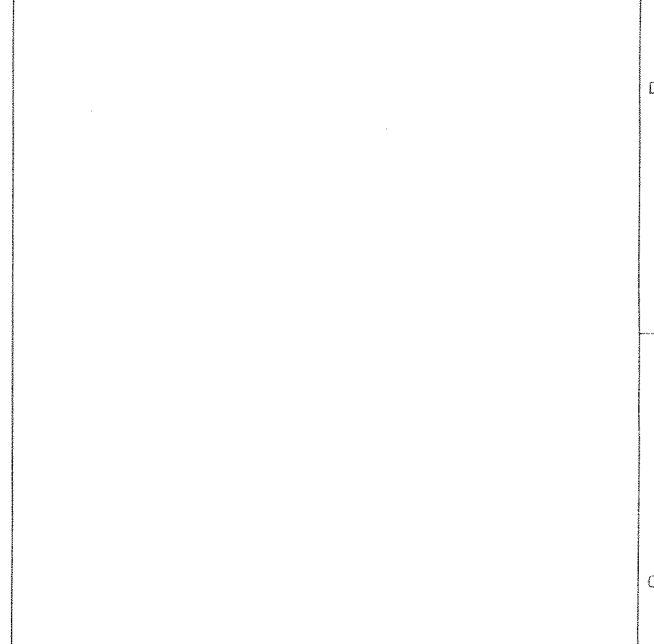
NOTES

1. REFER TO BOM#'S: 023-07855, 024-07857, 024-07868, & 024-08279.
2. FOR 100VAC, INSTALL FUSE, 5X20MM, SLD-BLD, .250 AMP P/N 440-02348.
3. FOR 120VAC, INSTALL FUSE, 3AG, SLD-BLD, .250 AMP P/N 440-00860.
4. FOR 220/240VAC INSTALL FUSE, 5X20MM, SLD-BLD, .125 AMP P/N 440-02347.
5. TRANSFORMER SHOWN IS XFORMER, POWER, 15VA, UI75, INTL P/N 470-07889.
6. SOLDER TRANSFORMER WIRES AS SHOWN.
7. FOR POWER SWITCH CONNECTIONS USE WIRE, 22G, BRN, 12', .187QDC/ST P/N 675-08258 & WIRE, 22G, BRN, 12', .187QDCX2 P/N 675-08259.
8. FOR JUMPER VOLTAGE SELECTION USE WIRE, 22G, BLU, 2.5', .187QDC/ST P/N 675-08256 & WIRE, 22G, BRN, 2.5', .187QDC/ST P/N 675-08257 AT POINTS INDICATED.
9. PLACE QDC BOOTS P/N 630-08522 OVER BARE CONNECTORS.
10. TY-WRAP THE FOLLOWING WIRES TOGETHER APPROXIMATELY 1/2" ABOVE THE P.C. BOARD:
  - A. THE ORANGE, BROWN, WHITE BLACK AND BLUE WIRES FROM THE TRANSFORMER WITH THE BROWN WIRE FROM THE POWER SWITCH.
  - B. THE 2 RED AND 2 YELLOW WIRES FROM THE TRANSFORMER.
  - C. THE 2 GREY WIRES FROM THE TRANSFORMER.
  - D. THE 2 GREEN WIRES FROM THE TRANSFORMER.
  - E. THE 2 GRN/YEL WIRES FROM THE TRANSFORMER.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES .XX +/- .010 .XXX +/- .005		ACAD REL 10 FILE NAME 07875	lexicon	
MATERIAL	LXP-15	APPROVALS	DATE	TITLE PC BD, MAIN BD, LXP-15, ASSEMBLY, DRAWING
NEXT ASSY	USED ON	DRAWN	JV 2/13/90	SIZE D
APPLICATION	DO NOT SCALE DRAWING	CHECKED	AF 2/13/90	FSCM NO. 080-07875
		ISSUED	CL 2/13/90	DWG. NO. 080-07875
				REV. 3
				SCALE N/A
				SHEET 2 OF 2



REVISIONS			
REV	DESCRIPTION	DRAFTER/CHECKER	D.C. / AUTHORIZED
0	RELEASE FOR PROTOTYPE	AF	12/11/89
1	RELEASE FOR PRODUCTION	AF	1/11/90



- NOTES
- UNLESS OTHERWISE INDICATED, RESISTORS ARE 5% 1/4W.
  - UNLESS OTHERWISE INDICATED, CAPACITORS ARE UF/V.
  - UNLESS OTHERWISE INDICATED, DIODES ARE 1N4148.
  - ANALOG GROUND, DIGITAL GROUND, CHASSIS GROUND, ANALOG PWR GND.
  - 1/2 DENOTES SHEET NUMBER AND INTERSECT COORDINATE.
  - ON BOARD CONNECTION-TO, ON BOARD CONNECTION-FROM, SOLDER CONNECTION.

DOCUMENT CONTROL BLOCK #060-07885

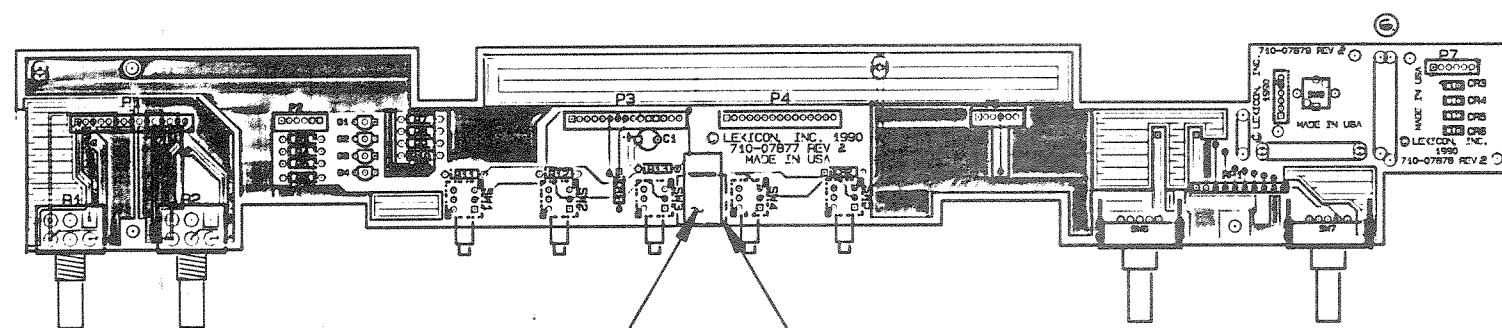
SHEET NUMBER: 1 OF 1

REVISION NUMBER: 1

CONTRACT NO.		Lexicon	
100 BEAVER ST. WALTHAM, MA 02154		TITLE	
APPROVALS		DATE	
DRAWN MWH		12/11/89	
CHECKED AF		12/11/89	
D.C. 1/11/90		SIZE CODE NUMBER	
ISSUED		1-11-90	
060-07885		REV. 1	
SHEET 1 OF 1			

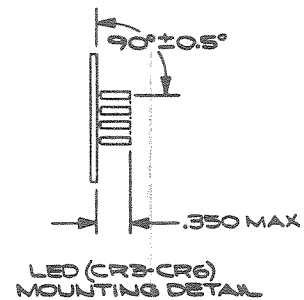
2





BUMPER, FEET, STRIP,  
1/8 X 3/8 X 3/4  
541-08377  
LOCATED ON TOP

BUMPER, FEET  
541-00781  
LOCATED ON BOTTOM



REVISIONS			
REV.	DESCRIPTION	DRAFTER/CHECKER	D.C./AUTH.
0	RELEASE FOR PILOT	J.V. 11/15/89 AF 11/16/89	1-11-89 DWR 11-11-89
1	RELEASE FOR PRODUCTION	J.V. 1/10/90 AF 1/11/90	1-11-90 DWR 1-11-90
2	ADDITION PER ECO# 900323-00	7/11/90 9/25/90	1-11-90 DWR 5/14/90

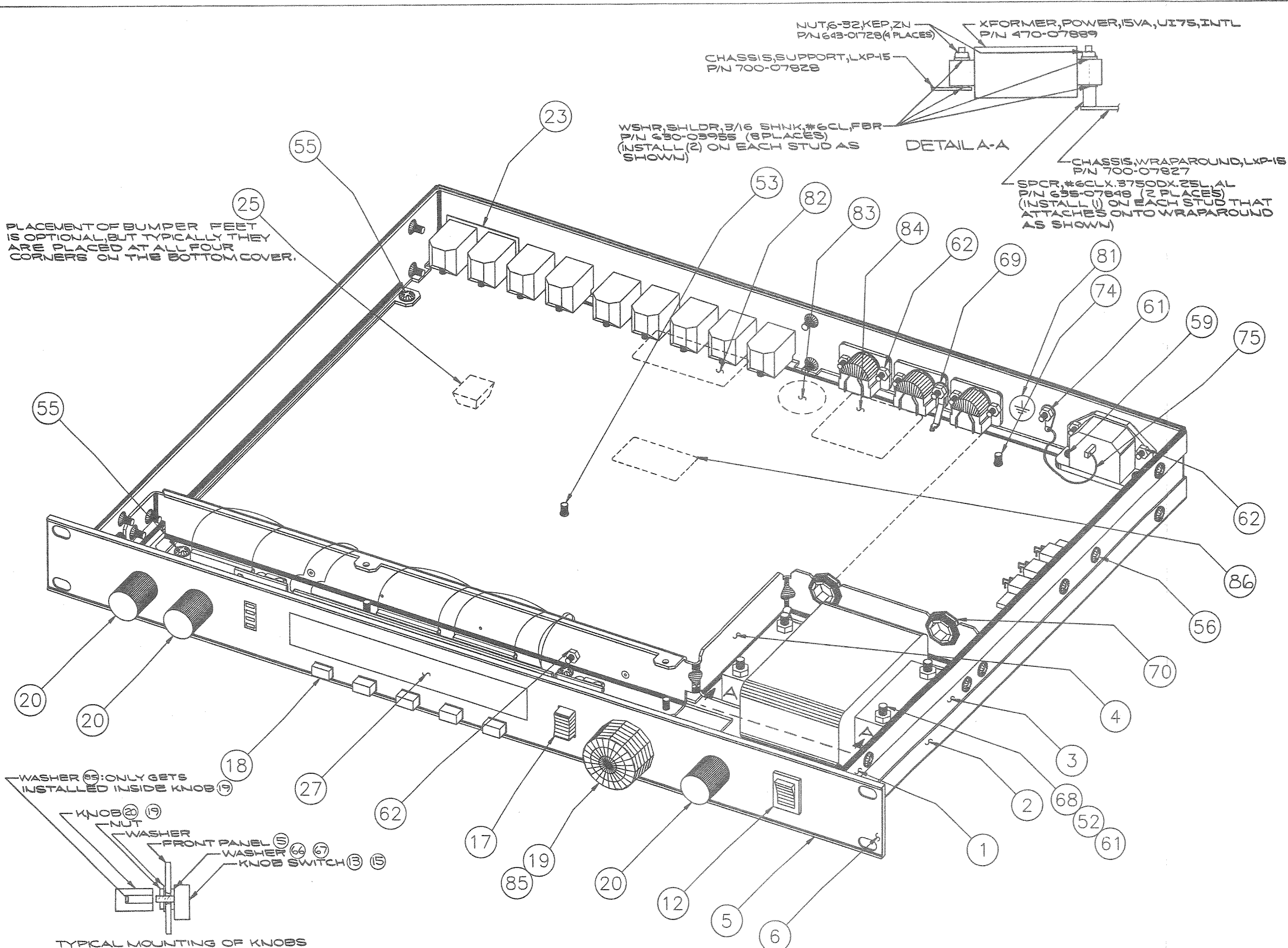
NOTES

1. ALL COMPONENTS TO BE INSTALLED FROM COMPONENT SIDE OF P.C.B. EXCEPT SWITCHES SW1-5.
2. ALL COMPONENTS ARE POST-SOLDER ASSEMBLED.
3. COMPONENT HEIGHT .90" MAXIMUM
4. LEAD PROTRUSIONS .080" MAXIMUM FROM CIRCUIT SIDE OF P.C.B.
5. SW1-SW7, R1&R2 ARE TO BE MOUNTED SO SHAFTS ARE PERPENDICULAR TO FRONT EDGE OF PCB. (90°±0.5°).
6. INSTALL ALL COMPONENTS & SNAP OFF BREAK-AWAY P.C.B.'S.
7. REFER TO LEXICON BOM'S: 024-07861, 024-07862 & 024-07863.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES .01 .005		CONTRACT NO.		lexicon	
DRAWN J.V. 11/15/89		APPROVALS		PC BD, FRONT PANEL, LXP-15	
CHECKED AF 11/16/89		DATE		ASSEMBLY DRAWING	
G.C. 11-16-89		SIZE FSDH NO.		DWG. NO. 080-07864	
NEXT ASSY USED ON		ISSUED DWR 1-11-90		REV 2	
APPLICATION		DO NOT SCALE DRAWING		SCALE 1:1 SHEET 1 OF 1	





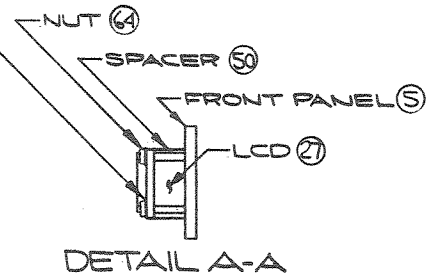
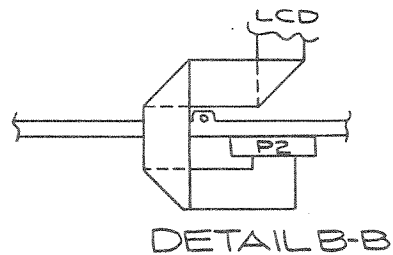


REVISIONS			
REV.	DESCRIPTION	DWR/CHKD	D.C./APPD
0	RELEASE FOR PRODUCTION	JV 6/19/90 F 8/9/90	dw 11/11/90 D/H 8/16/90
1	ADDITIONS PER ECOS# 900906-00 AND 900919-00	JV 10/11/90 F 10/11/90	dw 10/11/90 D/H 11/15/90

NOTES  
1. REFER TO SHEET 3 FOR PART NUMBER LISTING.

DOCUMENT CONTROL BLOCK	
SHEET	REVISION
1	1
2	0
3	1

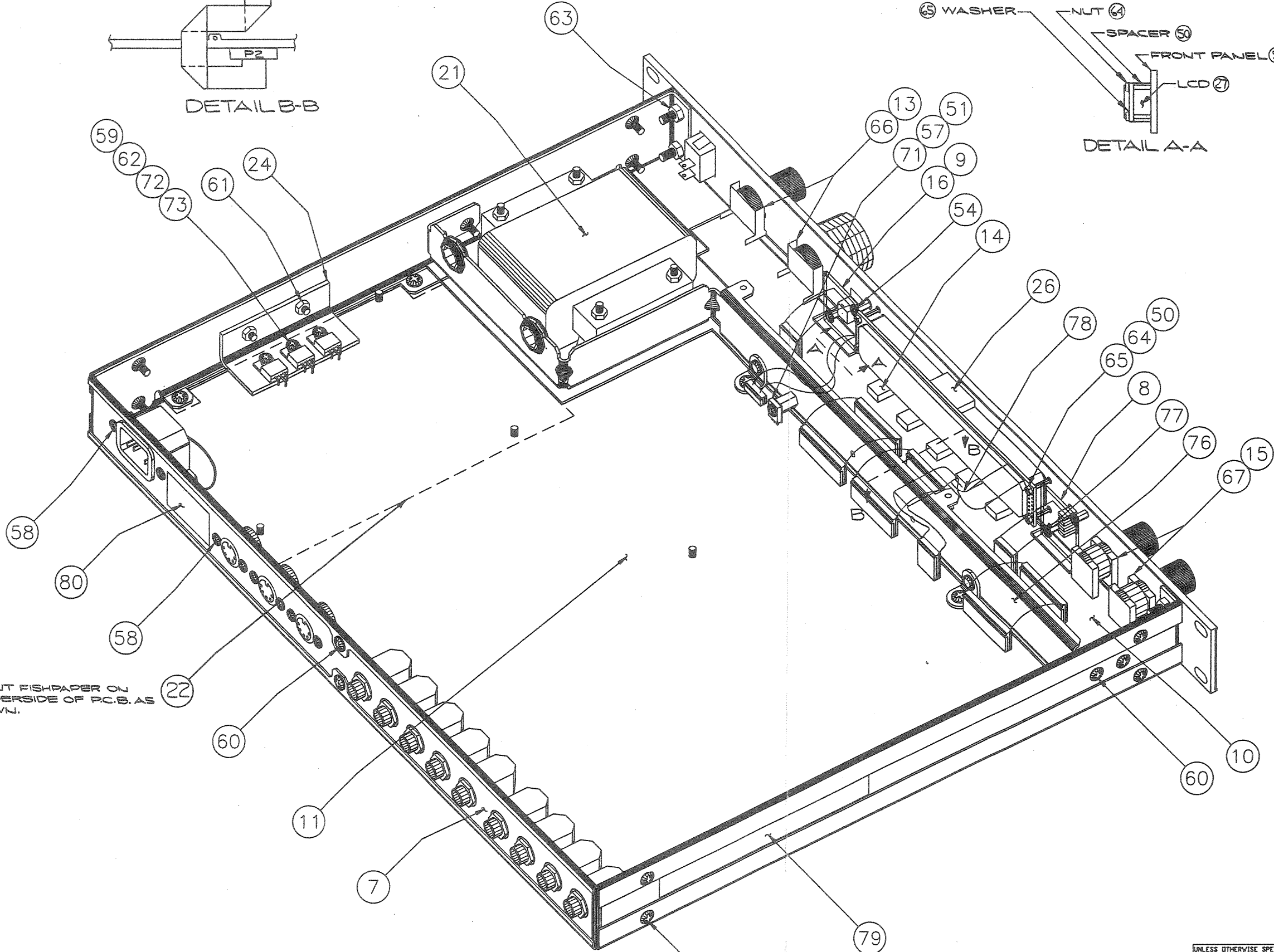
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES .XX +/- .010 .XXX +/- .005		ACAD REL 10 FILE NAME 07830S1	lexicon	
MATERIAL LXP-15		APPROVALS	DATE	TITLE ASSY DWG CHASSIS, LXP-15
NEXT ASSY USED ON	APPLICATION	DRAWN JV	6/19/90	SIZE D
		CHECKED F	8/9/90	FSCM NO. 080-07830
		D.C.	11/12/90	DWG NO. 080-07830
		ISSUED D/H	8/13/90	REV. 1
	DO NOT SCALE DRAWING	SCALE	N/A	SHEET 1 OF 3



MOUNT FISHPAPER ON  
SOLDERSIDE OF P.C.B. AS  
SHOWN.

REVISIONS			
REV.	DESCRIPTION	DWR/CHKD	D.C./AUTH
0	RELEASE FOR PRODUCTION	JV 6/19/90 F 8/9/90	CV 9/13/90 D 8/9/90

NOTES  
1. REFER TO SHEET 3 FOR PART NUMBER LISTING.



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES FRACTIONS DECIMALS ANGLES XXX +/- .010 XXX +/- .005		ACAD REL 10 FILE NAME 07830S2	lexicon	
MATERIAL	LXP-15	APPROVALS	DATE	TITLE
FINISH		DRAWN	6/19/90	ASSY DWG, CHASSIS, LXP-15
NEXT ASSY	USED ON	CHECKED	8/9/90	SIZE
		D.C.		D
APPLICATION	DO NOT SCALE DRAWING	ISSUED	8/15/90	DWG. NO.
				080-07830
				REV.
				0
				SCALE
				N/A
				SHEET 2 OF 3

PARTS LIST  
(SEE NOTE #1)

ITEM#	COMPONENT#	DESCRIPTION	QTY	WHERE USED	ITEM#	COMPONENT#	DESCRIPTION	QTY	WHERE USED
1.	700-07825	COVER, TOP, LXP-15	1		66.	644-07893	WSHR, FL, .427IDX.550X.035THK, ZN	3	SW6,7
2.	700-07826	COVER, BOTTOM, LXP-15	1		67.	644-07894	WSHR, FL, .321IDX.468X.070THK, ZN	2	R1,R2
3.	700-07827	CHASSIS, WRAPAROUND, LXP-15	1		68.	630-03955	WSHR, SHLDR, 3/16 SHNK, #6CL, FBR	8	XFORMER MTG
4.	700-07828	CHASSIS, SUPPORT, LXP-15	1		69.	620-08252	LUG, PCB/#4CL	1	MAIN PCB - J11 MTG
5.	702-07820	PANEL, FRONT, LXP-15	1		70.	540-00874	GROMMET, 9/16 OD, 7/16 ID	2	CHAS SUPPORT
6.	703-07821	PANEL, OVLY, FRONT, LXP-15	1		71.	630-08260	INSUL, SEMI, SIL RUB, TO-126	1	TO-126 TO CHASSIS SUPPORT
7.	703-07823	PANEL, OVLY, REAR, LXP-15	1		72.	630-00952	INSUL, SEMI, BUSHING, TO-220	3	H/S TO MAIN BD
8.	024-07861	PL, FP LED BD ASSY, LXP-15	1		73.	630-07339	INSUL, SEMI, SIL RUB, TO-220 SHORT	3	H/S TO MAIN BD
9.	024-07862	PL, FP SW BD ASSY, LXP-15	1		74.	650-07551	RVT, SNAP-IN, .16DIA, NYL	4	PROT COVER
10.	024-07863	PL, FP MAIN BD ASSY, LXP-15	1		75.	675-08272	WIRE, 18G, GRN/YEL, 3", #6RING/SS	1	J13
11.	023-08278	PL, MAIN BD ASSY, LXP-15, 100V	1		76.	680-07897	CABLE, 079, SCKT/BICCONN, 15C, 3.0"	3	P1, 3, 4
	023-07856	PL, MAIN BD ASSY, LXP-15, 120V	1		77.	680-07898	CABLE, 079, SCKT/BICCONN, 6C, 2.0"	2	P6, 7
	023-07867	PL, MAIN BD ASSY, LXP-15, 220/240V	1		78.	680-08356	CABLE, ASSY, 2C, 22G, 7", SS/HSG	1	LCD
12.	454-03900	SW, ROCKER, 1P1T, QDC, INTL LINE	1		79.	740-08373	LABEL, CAUTION, LD-PRO	1	LEFT SIDE (REAR)
13.	452-07887	SW, RTY, GRAY CODE, 16 POS	2	SW6,7	80.	740-08375	LABEL, S/N+ELEC, 1.400X.625	1	REAR PANEL
14.	453-07837	SW, PBM, 2P2T, PCRA, LD-PRO	5	SW1-5	81.	740-08556	LABEL, GROUND SYMBOL, 0.5" DIA	1	INSIDE REAR PANEL
15.	200-06035	POT, RTY, PC, 50KAX2, 6MM/FLT, 16MM	2	R1,R2	82.	740-08471	LABEL, CSA CERTIFIED, COMMERCIAL	1	BOTTOM COVER (120V ONLY)
16.	453-07554	SW, PBM, 1P1T, PC, 1MM, TRAV	1	SW8	83.	740-08585	LABEL, CLA APPROVAL, LXP-15	1	BOTTOM COVER (120V ONLY)
17.	550-07575	BUTTON, .335X.592, BLK	1		84.	740-08558	LABEL, TUV CERTIFIED, BAYERN	1	BOTTOM COVER (220/240V ONLY)
18.	550-07836	BUTTON, .39X.22X.44, BLK	5		85.	644-07090	WSHR, INT STAR, M2.7, ZN	1	INSIDE SW6 KNOB
19.	550-04212	KNOB, 1.00, 6MM/ROUND, BLK	1		86.	740-08589	LABEL, RACK MOUNT ONLY	1	BOTTOM COVER (120V ONLY)
20.	550-08254	KNOB, .66, 6MM, FL, BLK/BOT, WHT LN	3						
21.	470-07889	XFORMER, POWER, 15VA, UI75, INTL	1						
22.	702-07845	COVER, PROTECTIVE, AC, LXP-15	1						
23.	702-07842	INSUL, GSKT, .406X2@.875, FSH/AD	1						
24.	704-07829	HEATSINK, LXP-15	1						
25.	541-00781	BUMPER, FEET, 3-M# SJ5018	4						
26.	541-08377	BUMPER, FEET, STRIP, 1/8X3/8X3/4L	1						
27.	430-07847	DISP, LCD, 40X2, NEG, 12:00, LED, AM	1						
50.	630-07886	SPCR, #2CLX3/8, 3/16 RD, NYL	4	LCD TO FRT PANEL					
51.	635-07841	SPCR, #4CLX3/8, 5/16 HEX, AL	1	TO-126					
52.	635-07848	SPCR, #6CLX.375ODX.25L, AL	2	XFRMR TO CHASSIS WRAP					
53.	630-07846	SPCR, PCB/FDPT, .250 NYL	1	PCB SUPPORT					
54.	640-04339	SCRW, 4-40X1/4, PNH, PH, SEMS, ZN FP SW BD TO FP (2)	4	FP LED BD TO FP (2)					
55.	640-01710	SCRW, 6-32X1/4, PNH, PH, ZN FP SW BD TO CHAS SUPPORT (2)	8	MAIN BD TO CHAS WRAP & SUPT (6)					
56.	640-01713	SCRW, 6-32X5/16, PNH, PH, ZN	2	HEATSINK TO CHAS WRAP					
57.	640-02467	SCRW, 4-40X7/8, PNH, PH, ZN	1	TO-126 TO CHAS SUPPORT					
58.	640-02812	SCRW, 4-40X3/8, PNH, PH, BLK AC CONN TO CHAS WRAP (2)	8	DIN CONN TO CHAS WRAP (6)					
59.	640-01706	SCRW, 4-40X3/8, PNH, PH, ZN AC CONN TO MAIN BD (2)	5	H/S TO MAIN BD (3)					
60.	641-06575	SCRW, TAP, C, 6-32X1/4, THG, PH, BLK BOTTOM COVER TO CHAS WRAP (7) TOP COVER TO CHAS WRAP (7)	18	CHAS SUP TO CHAS WRAP (4);					
61.	643-01728	NUT, 6-32, KEP, ZN HEATSINK TO CHAS WRAP (2)	7	XFORMER (4); GND (1);					
62.	643-01732	NUT, 4-40, KEP, ZN AC CONN TO MAIN BD (2); H/S TO MAIN BD (3)	14	DIN CONN TO CHAS WRAP (6); AC CONN TO CHAS WRAP (2) TO-126 (1)					
63.	643-01734	NUT, 8-32, KEP, ZN	4	CHAS WRAP TO FRONT PANEL					
64.	643-08250	NUT, 2-56, HEX, NYL	4	LCD TO FRONT PANEL					
65.	644-06635	WSHR, INT STAR, #2, ZN	4	LCD TO FRONT PANEL					

REVISIONS			
REV.	DESCRIPTION	DWR/CHKD	D.C./AUTH
0	RELEASE FOR PRODUCTION	JV 6/12/90 F 8/9/90	cw 8/13/90 8/13/90
1	ADDITIONS PER ECOS# 900906-00 AND 900919-00	7/14/90-11/90 F 10/15/90	cw 10/16/90 10/16/90

NOTES

1. PART NUMBER LISTING IS REFERENCE ONLY AND DOES NOT SUPERSEDE THE BILL OF MATERIAL #020-07850, 020-07890, 020-08264 & 020-08265.

2. ITEM#65 IS OPTIONAL. APPLY LOCTITE TO STUDS & #64 AFTER TIGHTENING.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES XX +/- .010 XXX +/- .005		ACAD REL TO FILE NAME 07830S3	lexicon	
MATERIAL LXP-15		APPROVALS DATE JV 6/12/90	TITLE ASSY DWG CHASSIS, LXP-15	
FINISH		CHECKED F 8/9/90	SIZE D	FSCM NO. 080-07830
NEXT ASSY USED ON		D.C. cw 8/13/90	DWG NO. 080-07830	REV. 1
APPLICATION DO NOT SCALE DRAWING		ISSUED DJK 8/13/90	SCALE N/A	SHEET 3 OF 3

