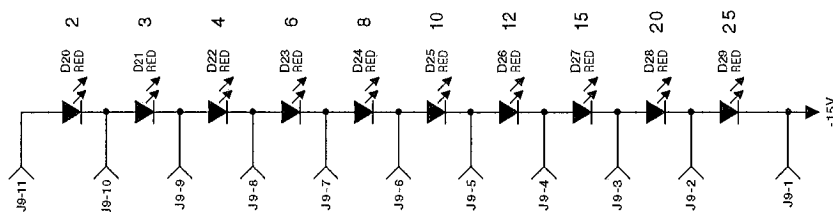


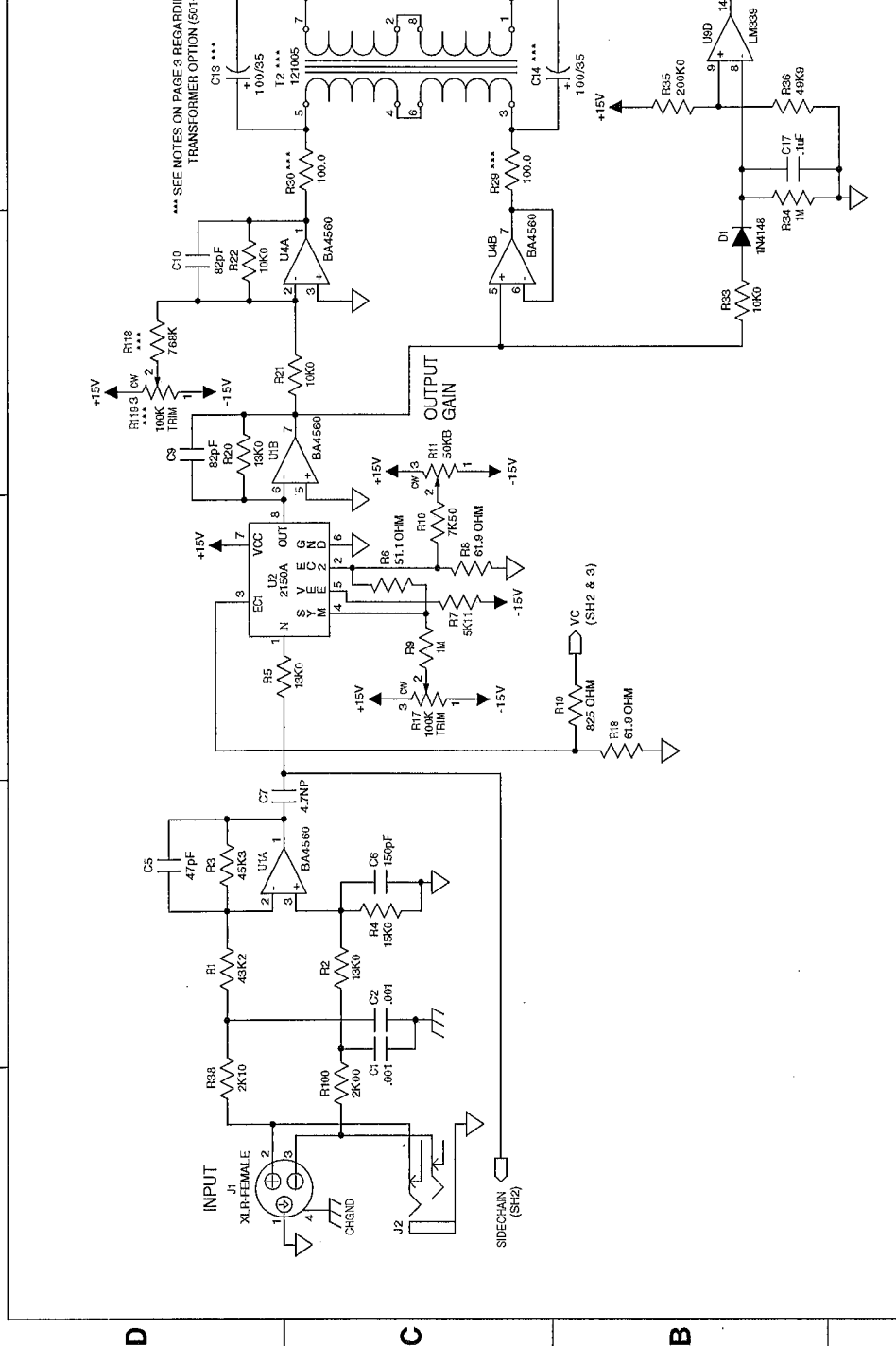
6 5 4 3 2 1

REVISION RECORD		
LTR	REVISIONS DONE OR ECO NUMBER:	DATE:
F.3	Redrawn in PADS. No changes.	04/03/96



COMPANY:		SYMETRIX INC.	
TITLE:		14926 35th Avenue West Lynnwood, WA 98037-2303 USA	
DRAWING NO:		501 DAUGHTERBOARD	REV: F.3
DATED:		04/03/96	
RELEASED:			
DRAWING NO:		020130	SHEET: 1 OF 1

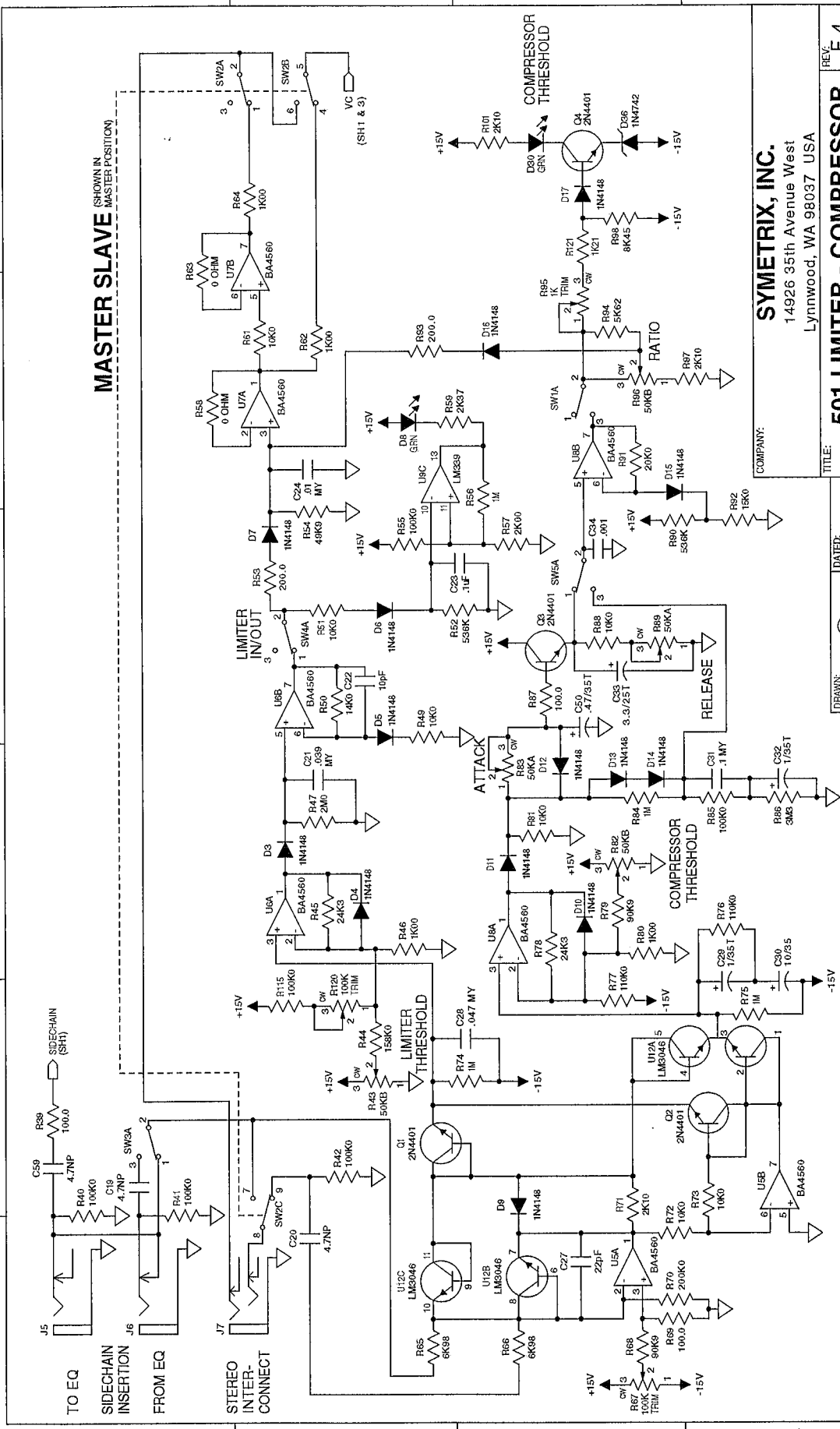
REVISION RECORD		
LTR	REVISIONS DONE OR ECO NUMBER	DATE
F.3	Redraw in PADS; chg 5% resistors w/ 1%.	03/12/96
F.4	Changed R102 from 130 ohms/5% to 121 ohms/1% to standardize on 1% values.	05/09/96



COMPANY: SYMETRIX, INC. 14926 35th Avenue West Lynnwood, WA 98037-2903 USA		TITLE: 501 LIMITER - COMPRESSOR		SHEET: 1 OF 3	
DRAWN: (signature)		DATE: 03/12/96		REV: F.4	
RELEASED:		DATING NO:		020150	

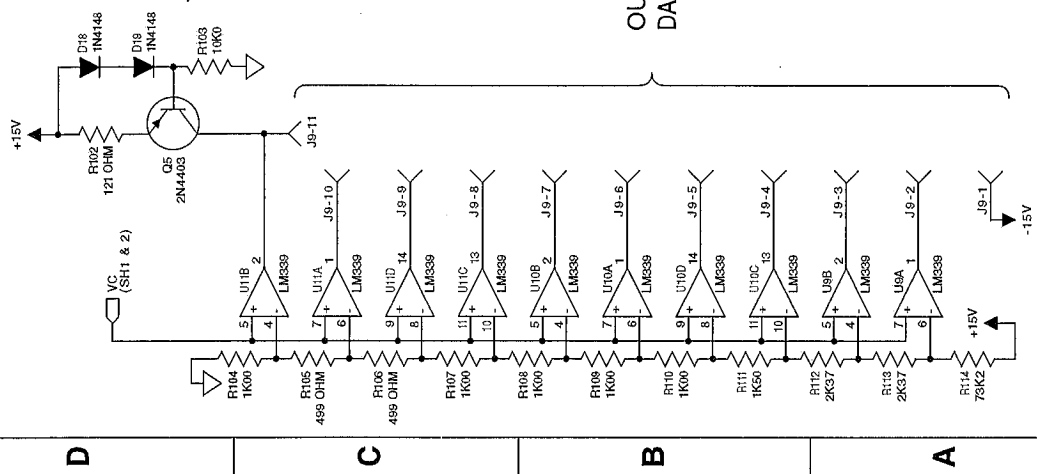
1 2 3 4 5 6

MASTER SLAVE (SHOWN IN MASTER POSITION)

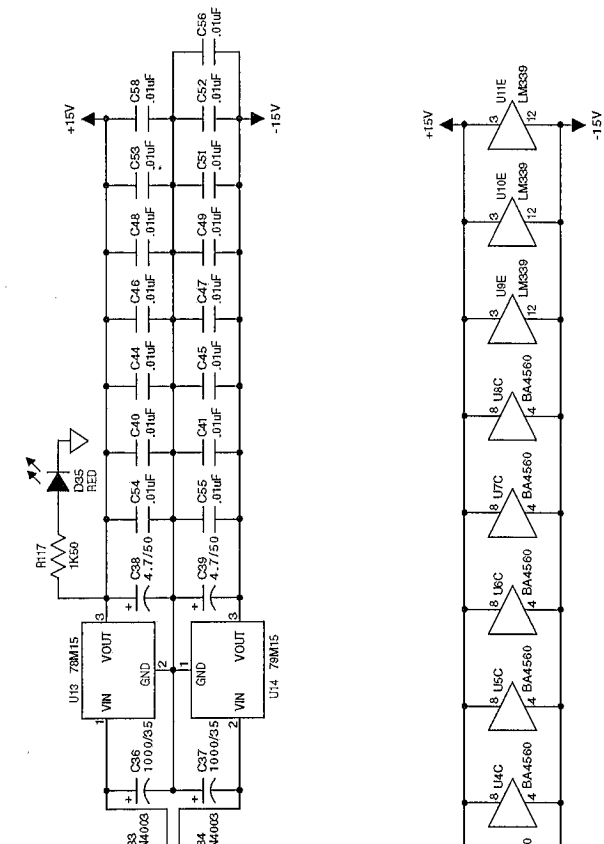
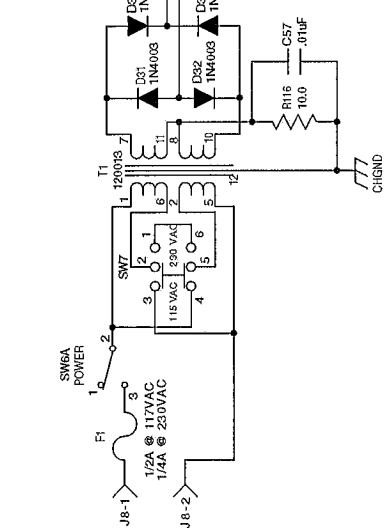


COMPANY: **SYMETRIX, INC.**
 14926 35th Avenue West
 Lynnwood, WA 98037 USA

DRAWN: 	DATE: 03/12/96	TITLE: 501 LIMITER - COMPRESSOR	REV: F.4
RELEASED:	DATE:	DRAWING NO: 020150	SHEET: 2 OF 3



OUTPUT TO LED
DAUGHTERBOARD



- NOTES UNLESS OTHERWISE SPECIFIED
1. CAPACITOR VALUES ARE IN μ F
 2. RESISTOR VALUES ARE IN OHMS,
3 SIGNIFICANT FIGURES = 1%
 3. T2 IS INSTALLED IN THE TRANSFORMER
OUTPUT VERSION (MODEL 501-01)
- WHEN T2 IS INSTALLED, C13 & C14
ARE OMITTED.
- WHEN T2 IS INSTALLED CHANGE R28 AND R30 TO 18 OHMS.
- WHEN T2 IS INSTALLED
R118 & R119 ARE INSTALLED AND
R115 IS ADJUSTED TO MAKE CHANNEL
OFFSET THAT MAY OCCUR AT U4-PIN 7.

COMPANY:

SYMETRIX, INC.
14926 35th Avenue West
Lynnwood, WA 98037-2303 USA

TITLE:

501 LIMITER - COMPRESSOR

REV:

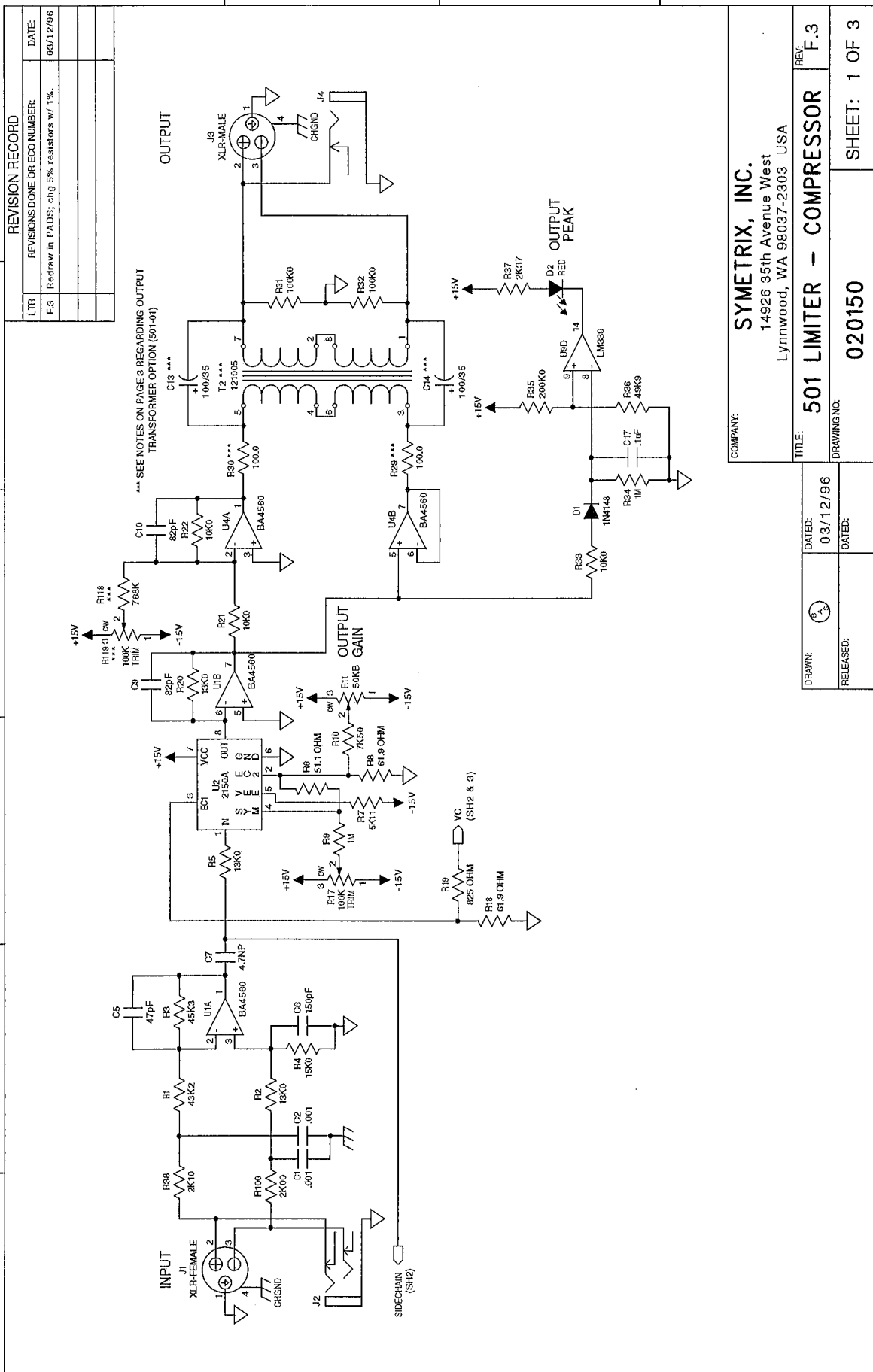
F.4

DRAWING NO:

020150

SHEET: 3 OF 3

DRAWN	DATED:	03/12/96
RELEASED:	DATED:	



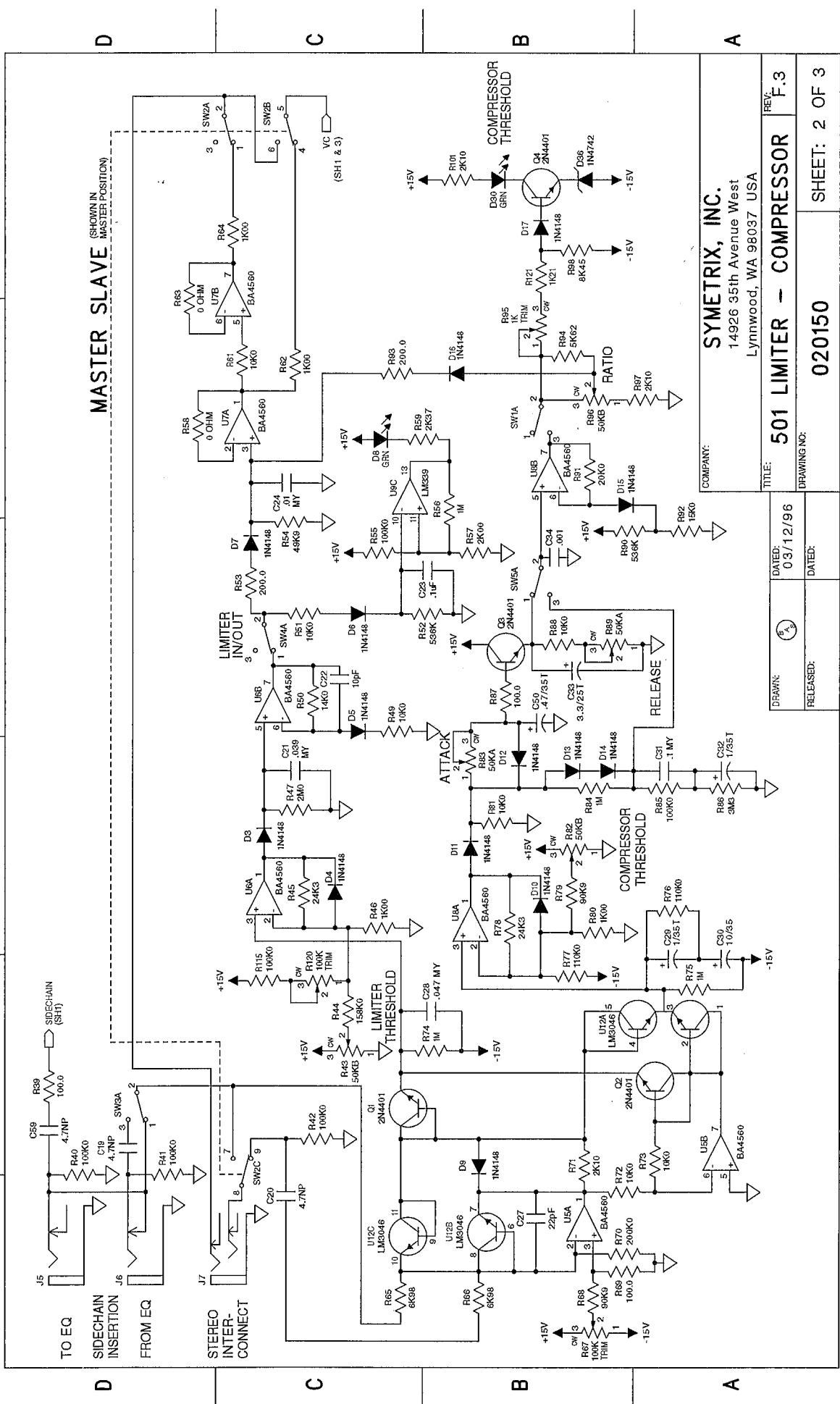
REVISION RECORD		
LTR	REVISIONS DONE OR ECO NUMBER	DATE
F-3	Redraw in PADS; chg 5% resistors w/ 1%.	03/12/96

COMPANY:		SYMETRIX, INC.	
		14926 35th Avenue West	
		Lynnwood, WA 98037-2303 USA	
TITLE:		501 LIMITER - COMPRESSOR	
DRAWING NO:		020150	
SHEET: 1 OF 3		REV: F.3	

DRAWN:	DATED: 03/12/96
RELEASED:	DATED:

1 2 3 4 5 6

MASTER SLAVE (SHOWN IN MASTER POSITION)



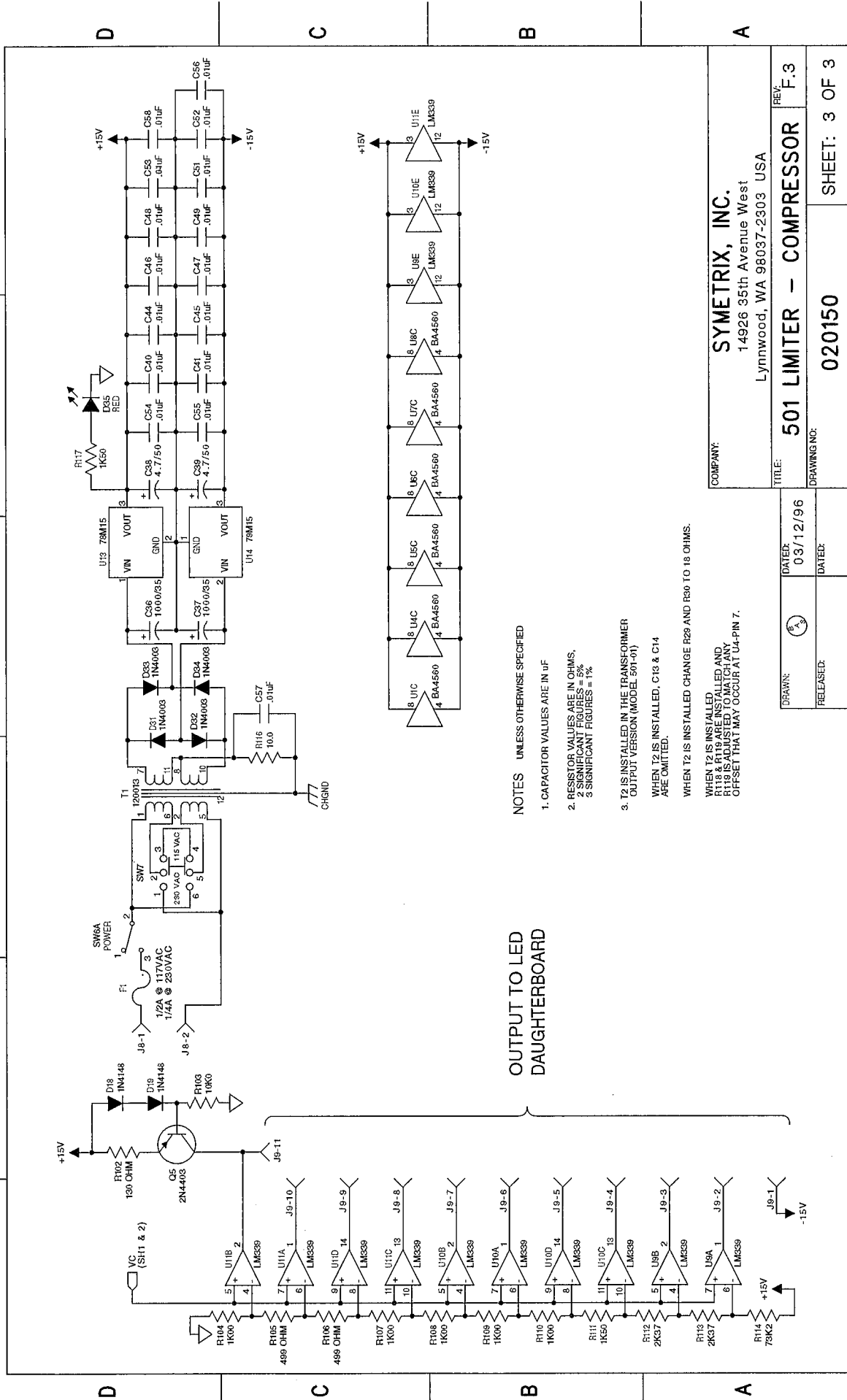
COMPANY: SYMETRIX, INC.
14926 35th Avenue West
Lynnwood, WA 98037 USA

TITLE: 501 LIMITER - COMPRESSOR
REV: F.3

DRAWING NO: 020150
SHEET: 2 OF 3

DRAWN: 
DATE: 03/12/96

RELEASED:
DATE:



OUTPUT TO LED DAUGHTERBOARD

NOTES UNLESS OTHERWISE SPECIFIED

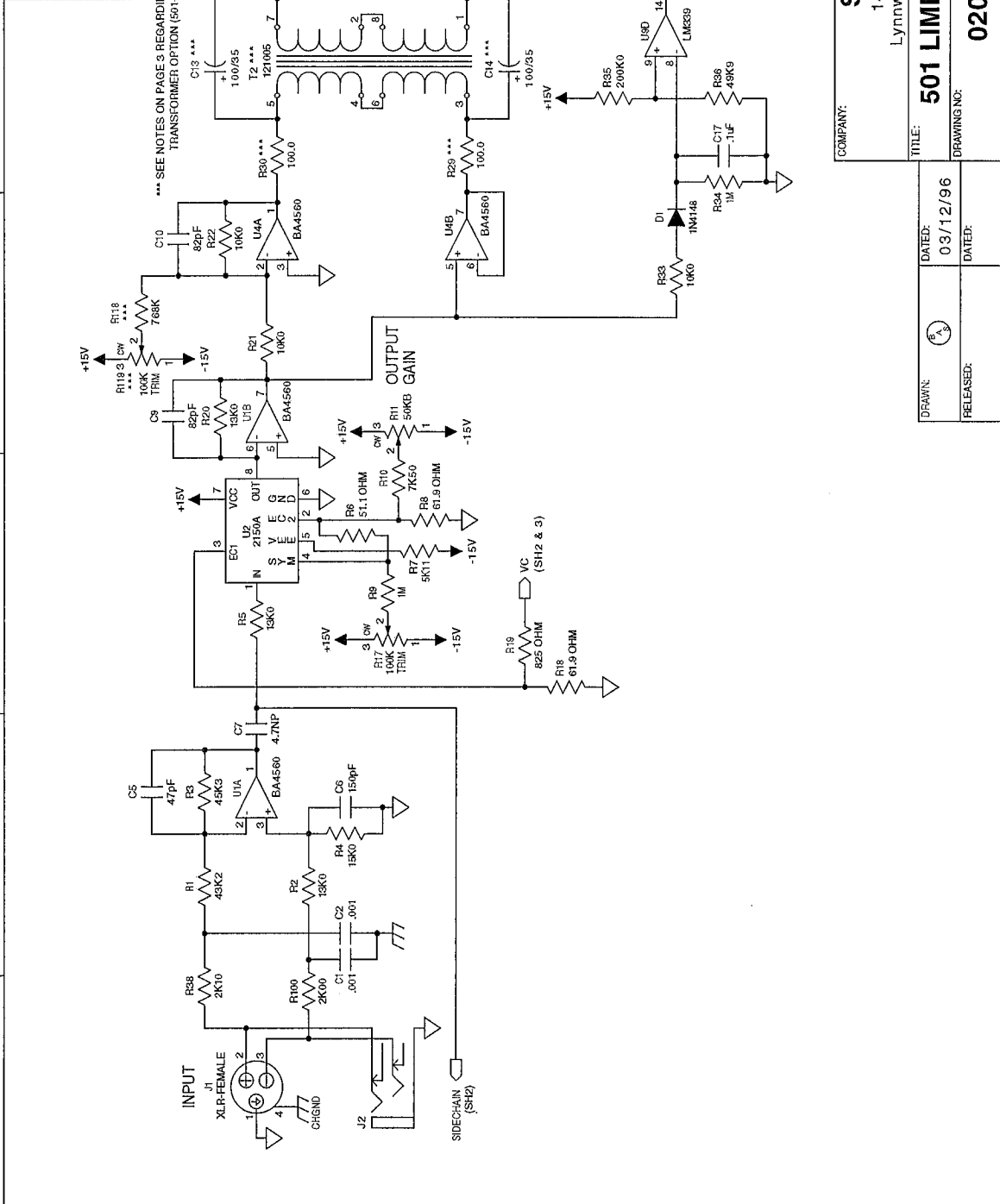
1. CAPACITOR VALUES ARE IN uF
2. RESISTOR VALUES ARE IN OHMS.
3. SIGNIFICANT FIGURES = 5%
4. SIGNIFICANT FIGURES = 1%
5. T2 IS INSTALLED IN THE TRANSFORMER
6. OUTPUT VERSION (MODEL 501-01)
7. WHEN T2 IS INSTALLED, C13 & C14 ARE OMITTED.
8. WHEN T2 IS INSTALLED CHANGE R29 AND R30 TO 18 OHMS.
9. WHEN T2 IS INSTALLED, R19 IS OMITTED AND R18 IS ADJUSTED TO MATCH ANY OFFSET THAT MAY OCCUR AT U4-PIN 7.

COMPANY: SYMETRIX, INC.
14926 35th Avenue West
Lynnwood, WA 98037-2303 USA

TITLE: 501 LIMITER - COMPRESSOR	REV: F.3
DRAWING NO: 020150	SHEET: 3 OF 3

DRAWN: (signature)	DATED: 03/12/96
RELEASED:	DATED:

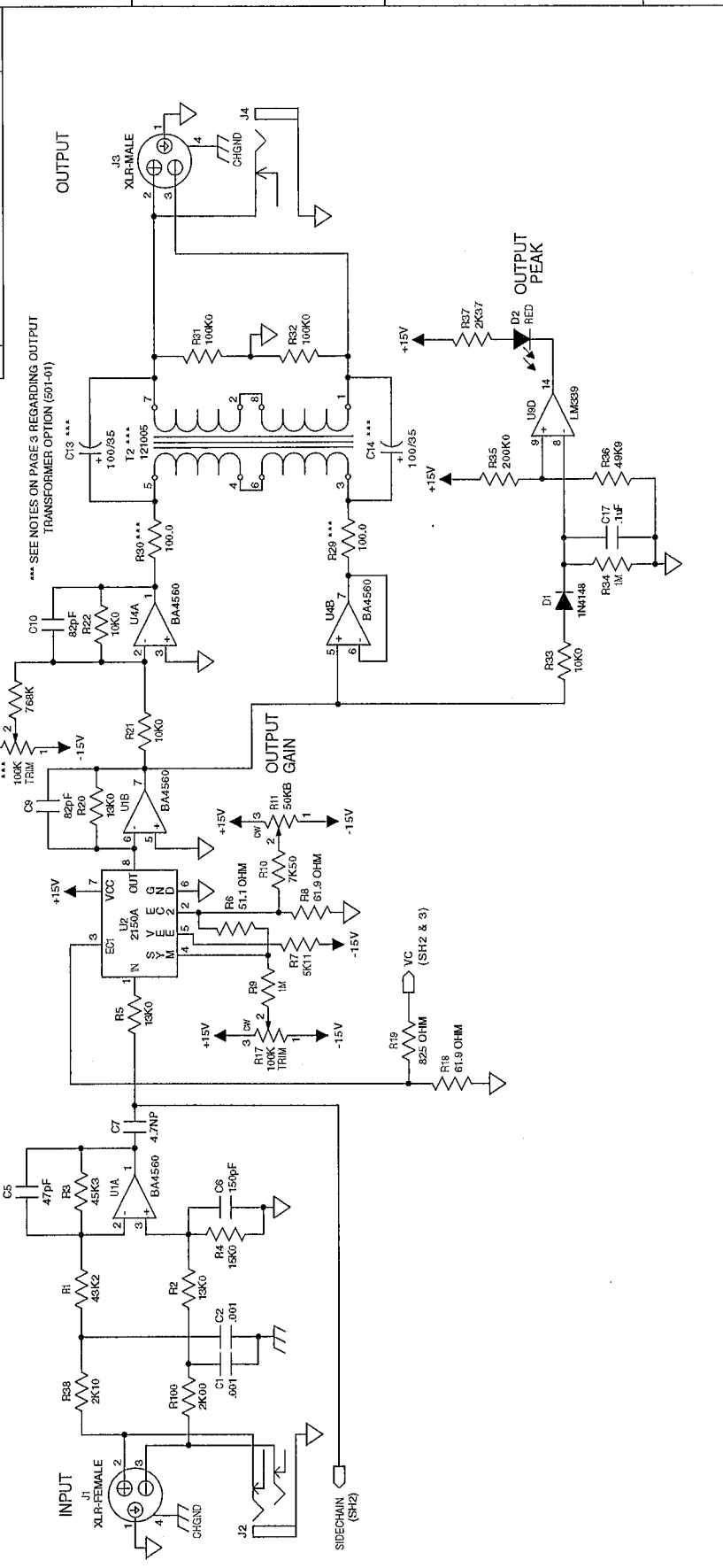
REVISION RECORD		
LTR	REVISIONS DONE OR ECO NUMBER	DATE
F-3	Redraw in PADS; chg 5% resistors w/ 1%.	03/12/96
F-4	Changed R102 from 100 ohms/5% to 121 ohms/1% to standardize on 1% values.	05/09/96
F-5	Changed note on pg3 to make R28-30 20 Ohm	10/18/97



COMPANY:		SYMETRIX, INC.	
		14926 35th Avenue West	
		Lynnwood, WA 98037-2303 USA	
TITLE:		501 LIMITER - COMPRESSOR	
DRAWING NO:		020150	
SHEET: 1 OF 3			

DRAWN:	DATED:	03/12/96
RELEASED:	DATED:	

REVISION RECORD		
LTR	REVISIONS DONE OR ECO NUMBER	DATE
F.3	Redraw in PADS; chg 5% resistors w/ 1%.	03/12/96
F.4	Changed R102 from 100 ohms/5% to 121 ohms/1% to standardize on 1% values.	05/09/96



COMPANY:

SYMETRIX, INC.

14926 35th Avenue West

Lynnwood, WA 98037-2303 USA

DRAWN:

03/12/96

RELEASED:

TITLE:

501 LIMITER - COMPRESSOR

DRAWING NO:

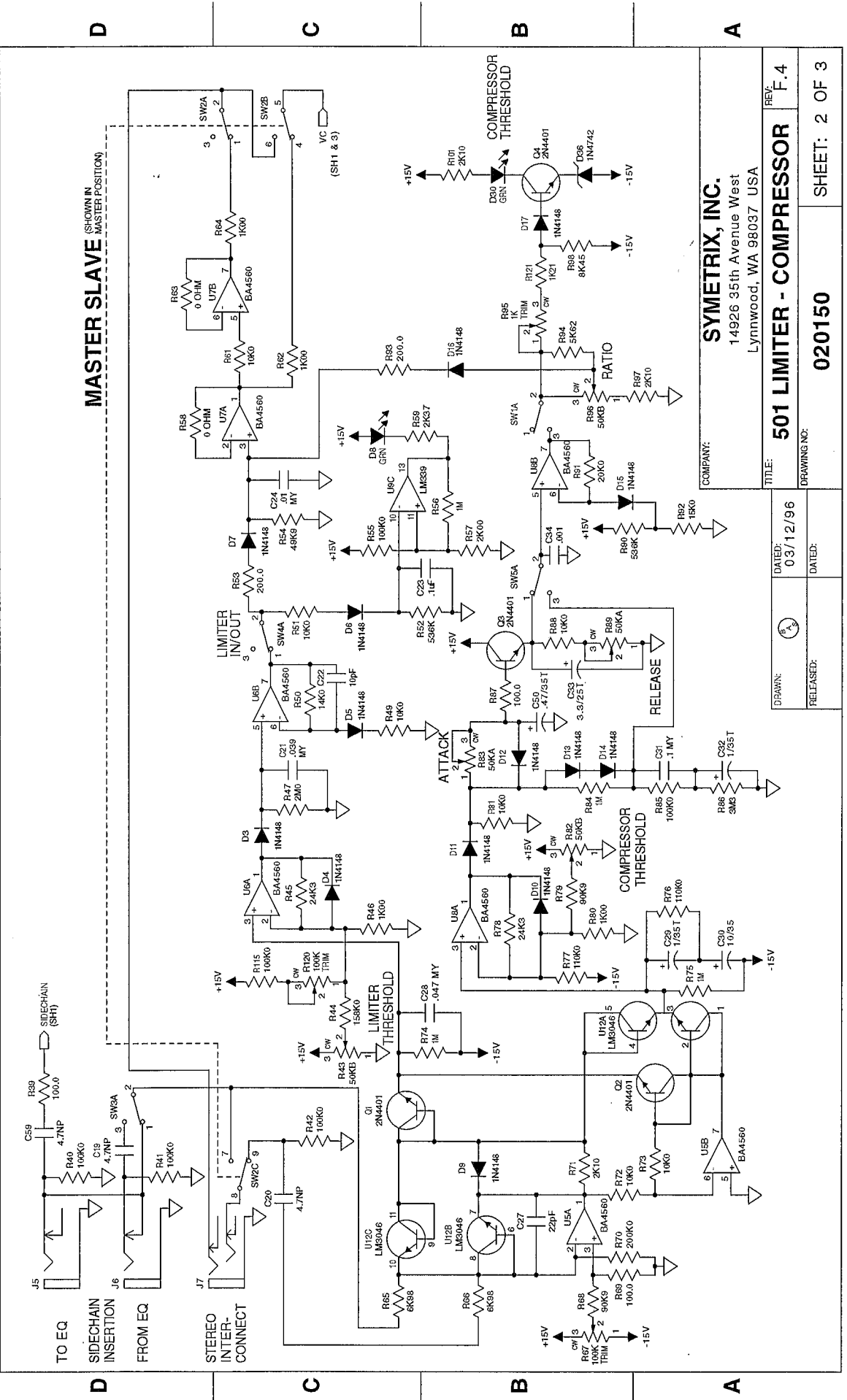
020150

SHEET:

1 OF 3

DRAWN:		DATE:	03/12/96	REV:	F.4
RELEASED:		DATE:		SHEET: 1 OF 3	

1 2 3 4 5 6

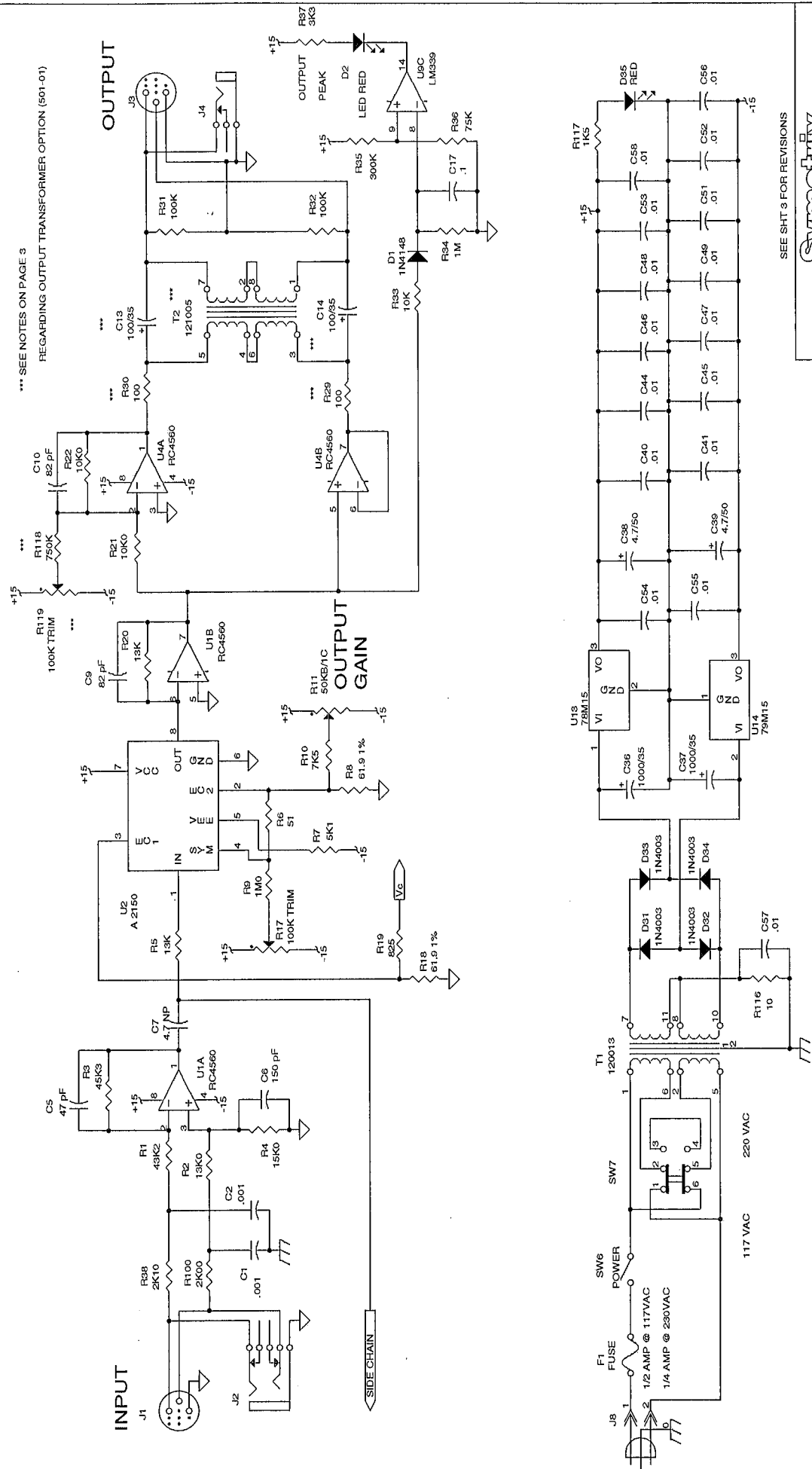


MASTER SLAVE (SHOWN IN MASTER POSITION)

SYMETRIX, INC.
14926 35th Avenue West
Lynnwood, WA 98037 USA

DRAWN:	DATE:	REV:
RELEASED:	03/12/96	F.4
DRAFTING NO:		SHEET: 2 OF 3
TITLE:		020150
COMPANY:		501 LIMITER - COMPRESSOR

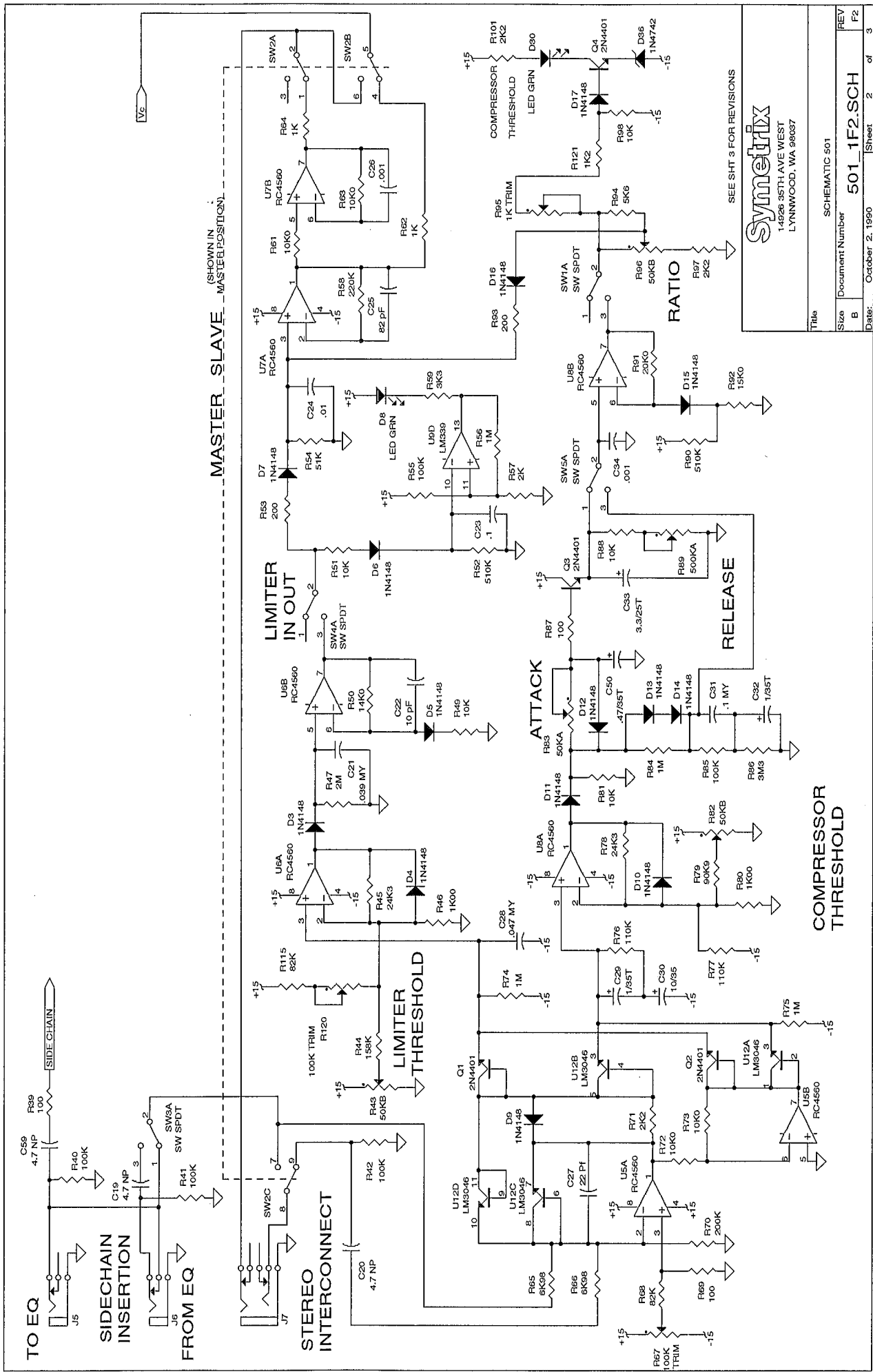
*** SEE NOTES ON PAGE 3
REGARDING OUTPUT TRANSFORMER OPTION (501-01)



SEE SH-3 FOR REVISIONS

Symetrix
14926 35TH AVE WEST
LYNNWOOD, WA 98037

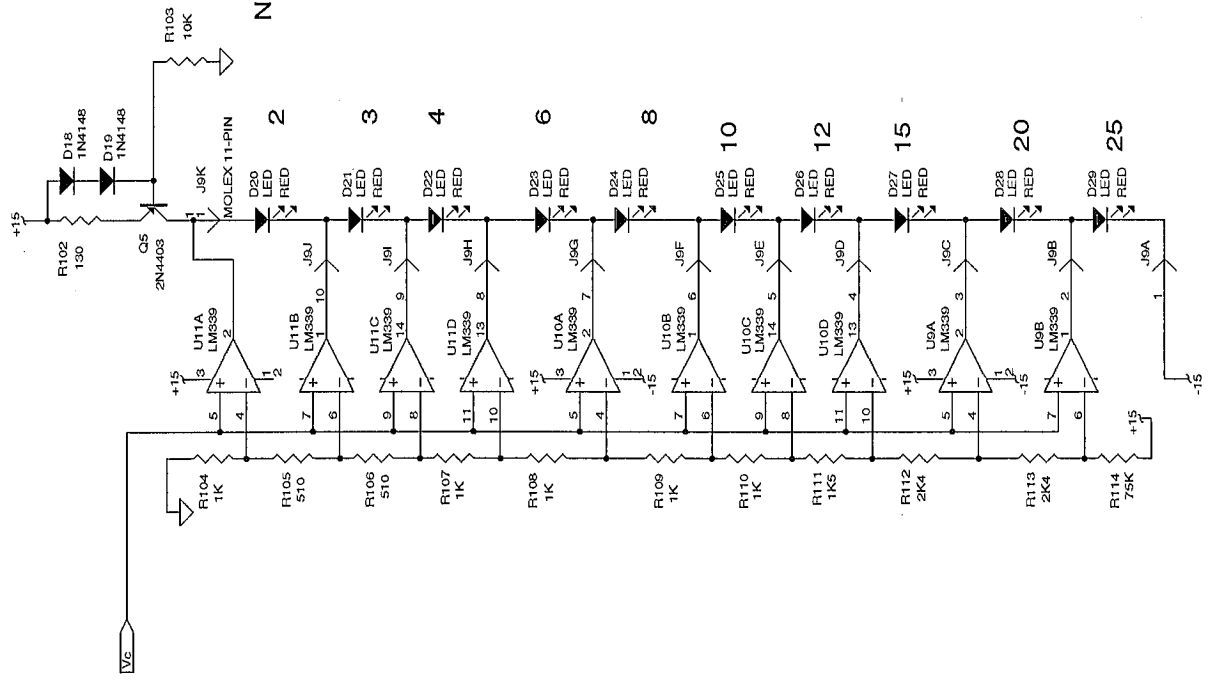
Title	
Size	Document Number
B	501_1F2.SCH
Date:	February 13, 1991
Sheet	1 of 3



SEE SHT 3 FOR REVISIONS

Symetrix
 14028 95TH AVE WEST
 LYNNWOOD, WA 98037

Title		SCHEMATIC 501	
Size	B	Document Number	501_1F2.SCH
REV	F2		
Date:	October 2, 1990	Sheet	2 of 3



NOTES UNLESS OTHERWISE SPECIFIED

1. CAPACITOR VALUES ARE IN μ F
2. RESISTOR VALUES ARE IN OHMS.
2 SIGNIF. FIGURES = 5%
3 SIGNIF. FIGURES = 1%
3. T2 IS INSTALLED IN THE TRANSFORMER
OUTPUT VERSION (MODEL 501-01).
WHEN T2 IS INSTALLED, C13, C14,
ARE OMITTED
WHEN T2 IS INSTALLED CHANGE R29 AND R30 TO 18 OHMS.
WHEN T2 IS INSTALLED
R118 AND R119 ARE INSTALLED AND
R119 IS ADJUSTED TO MATCH ANY
OFFSET THAT MAY OCCURE AT U4-PIN 7.

F2	PER ECO # 501-6	3-13-05
F1	PER ECO # 501-2	10-13-92
F	PER ECO # 151	11-22-89
LTR	REVISION	DATE

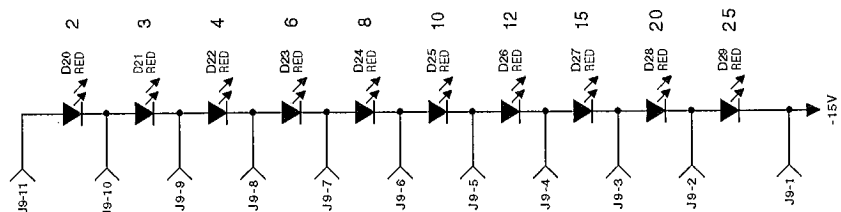
Symetrix
14928 35TH AVE WEST
LYNNWOOD, WA 98037

Title			SCHEMATIC 501		
Size	Document Number	REV			
B	501_1F2.SCH	F2			
Date:	February 13, 1991	Sheet	3	of	3

6 5 4 3 2 1

REVISION RECORD		
LTR	REVISIONS DONE OR RECON NUMBER	DATE
F.3	Redrawn in PADS. No changes.	04/03/96

D C B A



COMPANY: SYMETRIX INC. 14926 35th Avenue West Lynnwood, WA 98037-2303 USA	
TITLE: 501 DAUGHTERBOARD	REV: F.3
DRAWING NO: 020130	SHEET: 1 OF 1

DRAWN: 	DATED: 04/03/96
RELEASED:	DATED:

D C B A