DICENTRA SCHEMATICS

Maintenance Panel

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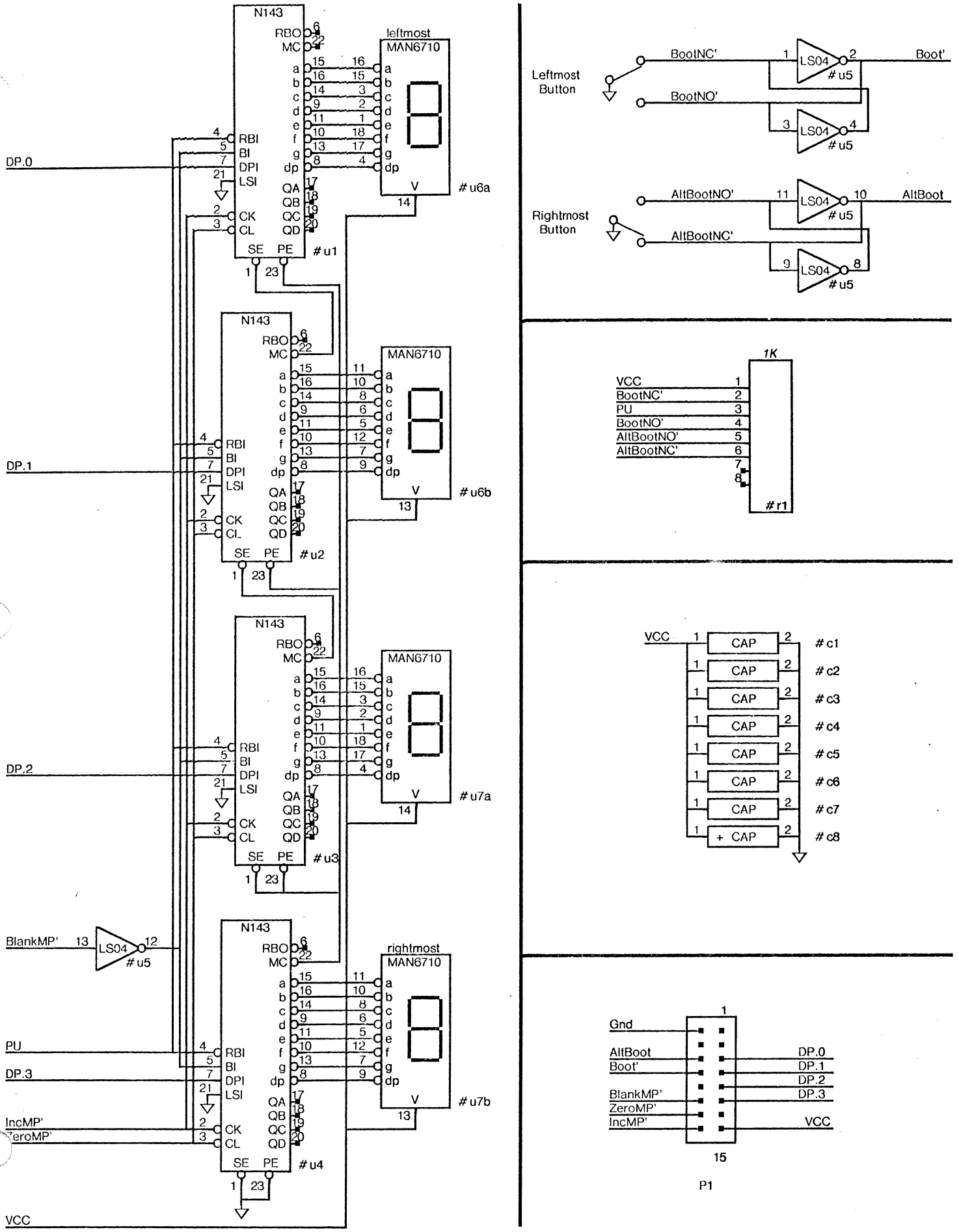
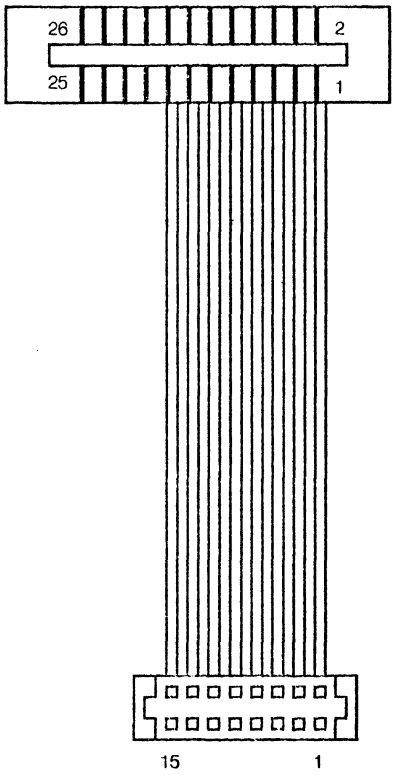
These drawings use the following [SIL] User.cm parameters:

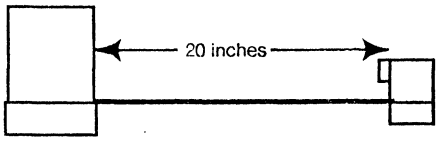
0: Helvetica10
1: Helvetica7
2: Template64
3: Gates32
5: Dicentra.lb5
6: Dicentra.lb6
7: Dicentra.lb7
8: Dicentra.lb8
A: Dicentra.Analyze
Y: 712

All files are kept on [Indigo]<Dicentra>



XEROX	Project	Reference	File	Designer	Rev	Date	Page
	Dicentra	Maintenance Panel	DMP01.sil	David Boggs	B	12/05/84	1

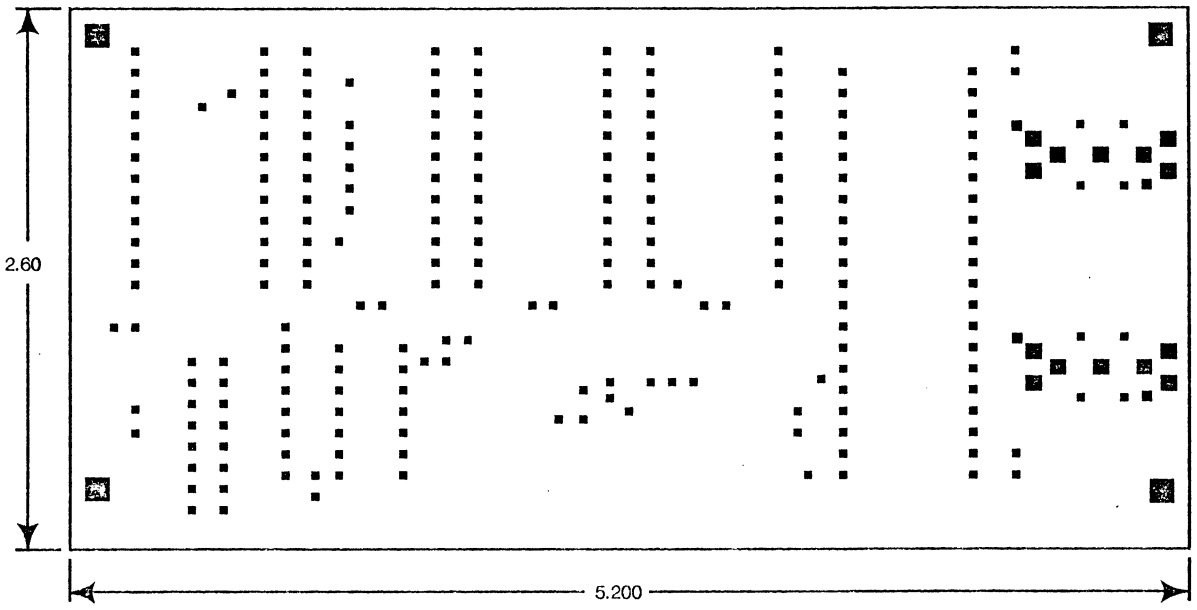




Signal Name	Edge Connector	Flex-con Connector
IncMP' ZeroMP' BlankMP'	15 13 11	15 13 11
Boot' AltBoot	7 5	7 5
DP.3 DP.2 DP.1 DP.0	12 10 8 6	12 10 8 6
VCC GND	1 16	1 16

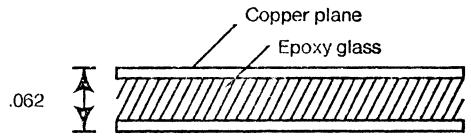
Qty	Manufacturer	Part Number	Description	Location
4	TI	74143	IC	U1-U4
1	TI	74LS04	IC	U5
2	Monsanto	MAN6710	2x7-Segment LEDs	U6, U7
1	Beckman	764-1-R1K	7x1K SIP resistor	R1
7			.1 uf 50 V cap	C1-C7
1			1 uf 15 V cap	C6
3	EMC	10640-01-445	40-pin DIP socket	U6, U7
1	EMC	10316-01-445	16-pin DIP socket	P1
2	C&K	8121	SPDT PB switch	S1, S2
1	C&K	7982-1	Switch top - red	S1
1	C&K	7982-3	Switch top - white	S2
1	Xerox	DMP-Rev-0	PC Board	
1	Winchester	70-16-03	16-pin Socket	P1
1	Winchester	81-16-112	16-pin Connector	P1
1	3M	3462-0001	26-pin edge conn	DCP J3
20"	3M	3365	Ribbon cable	

Component side



NOTES

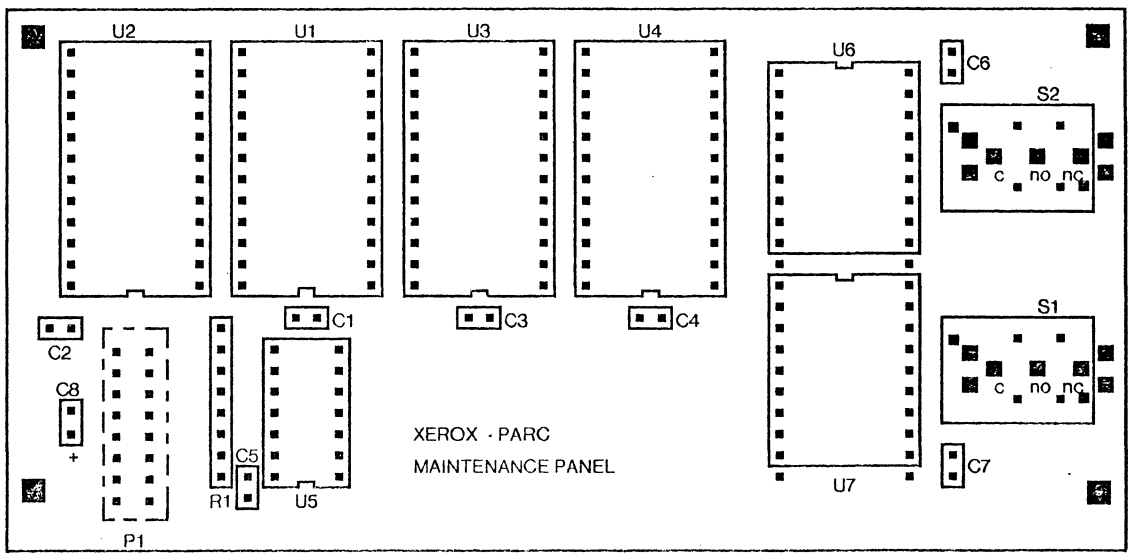
All dimensions are in inches; drawing is not to scale.
X.XXX is +- .005; X.XX is +- .010.
Except as noted, this printed board shall be made
in accordance with IPC-D-320.
Acceptablility of the finished board will be judged
in accordance with IPC-A-600.
Base Laminate: 1 oz Cu on FR4
in accordance with IPC-L-130.
Solder mask: green epoxy
in accordance with IPC-SM-840.
Silk screen: white epoxy.

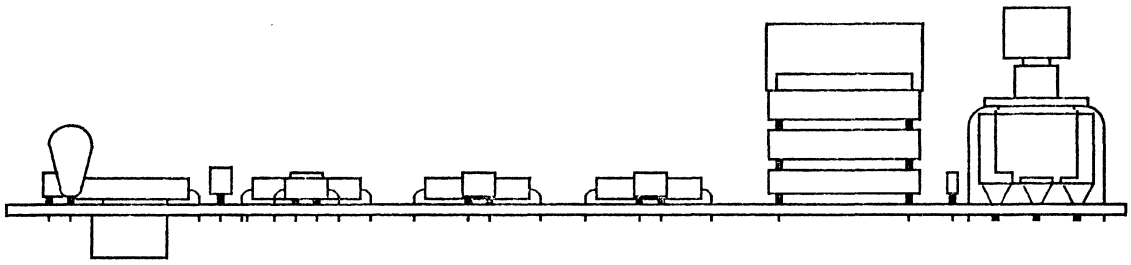


HOLE SIZES			
Symbol	Number	Size	Plated
⊡	4	.125	No
■	14	.075	Yes
■	4	.050	Yes
▪	225	.031	Yes

XEROX	Project	Reference	File	Designer	Rev	Date	Page
	Dicentra	Fabrication Drawing	DMB04.sil	Mike Overton	B	5/31/84	4

Component side





XEROX	Project	Reference	File	Designer	Rev	Date	Page
	Dicentra	Assembly Drawing	DMP05.sil	Mike Overton	B	5/31/84	5