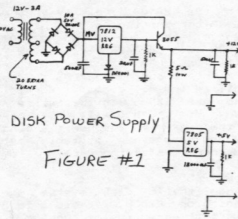


FIGURE #1

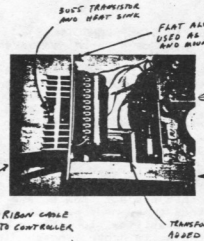
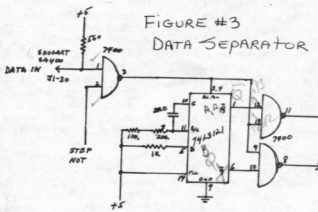


FIGURE #2

FIGURE #3
DATA SEPARATOR



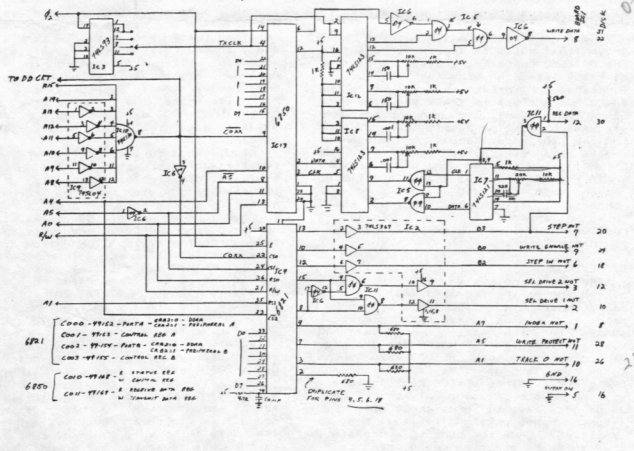
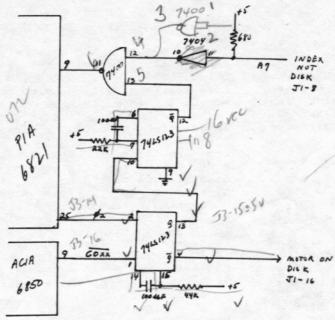
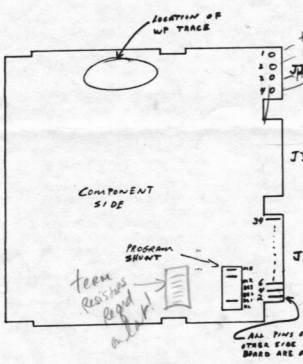


FIGURE #4



MOTOR CONTROL
FIGURE #5



DRIVE PRINTED CIRCUIT BOARD

FIGURE #7

DSI 610 BOARD CONNECTOR	FUNCTION	SHUGART SA400 CONNECTOR
J3-1	HEAD LOAD MOT	GROUND
2	LOW CURRENT MOT	
3	DRIVE SELECT #1 MOT	J1-10
4	FAULT RESET MOT (USED FOR MOTOR CONTROL BY DAVE POMPEA)	
5	STEP	J1-20
6	STEP DIRECTION	J1-18
7	ERASE ENABLE MOT	
8	WRITE ENABLE MOT	J1-24
9	WRITE DATA	J1-22
10	RECEIVE CLOCK	*
11	RECEIVE DATA	*
12	GROUND	ALL ODD PINS OF J1
13	GROUND	
14	NOT USED	
15	NOT USED	
16	NOT USED	
17	INDEX MOT	J1-8
18	DRIVE SELECT #2 MOT	J1-12
19	WRITE PROTECT MOT	J1-28
20	DRIVE #2 READY MOT	
21	SECTOR MOT	
22	FAULT MOT	
23	TRACK 00 MOT	J1-26
24	DRIVE READY MOT	
25	MOTOR CONTROL	J1-16
26	DRIVE SELECT #3 MOT	J1-14

TABLE #2

*SEE DATA SEPARATOR

HEX ADDRESS		CHANGE TO HEX VALUE
$26CA	TRACK 0	$35
$2669		$34
$2779		$34
$2DA7	TRACK 1	$34
$2DB7		$34

TABLE # 1