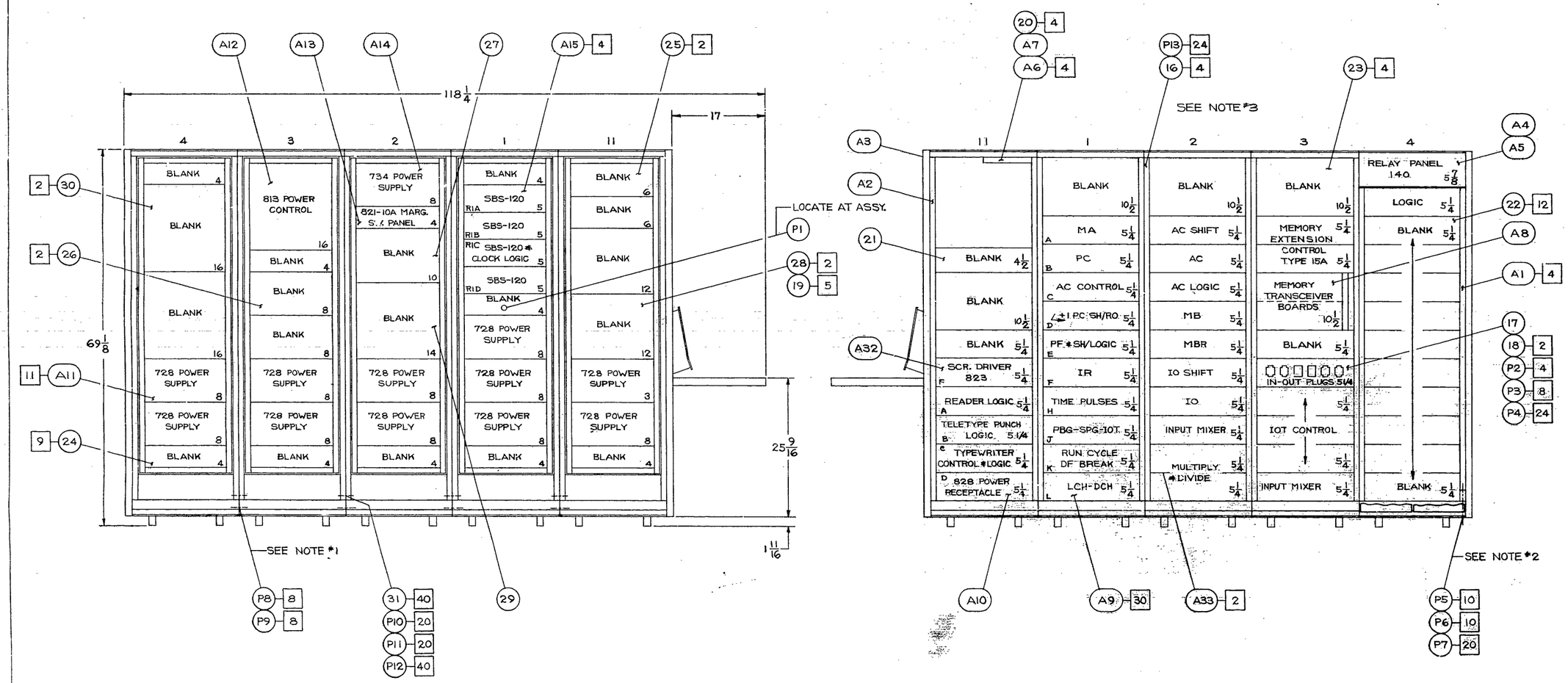
E-ID-48-1 REV LTR

DO NOT SCALE PRINT



NOTES:

1. USING (2) 1/4 DIA. HOLES IN LEFT SIDE OF BOTTOM PAN, 9/32 DIA. DRILL THRU * INSTALL P8 * P9.
2. 13/32 DIA. DRILL THRU CABINET FRAME * SKID (D-01421) * INSTALL P5, P6 * P7.
3. REWORK #16 (CABINET FILLER) WHERE NECESSARY BY CUTTING OFF 6 1/2 FROM SURFACE 'A'; SEE-D-01489.

REVISIONS			
CHANGE NO	DESCRIPTION	DATE	APP

INCOMPLETE DRAWING

REVISIONS					
REV	DATE	ENG	REV	DATE	ENG

HOLE LEGEND

SYM	SIZE	QTY	SYM	SIZE	QTY
G			A		
H			B		
J			C		
K			D		
L			E		
M			F		

UNLESS OTHERWISE SPECIFIED
GRINDING IRRESPECTIVE OF THE LAY ✓
FRACTIONS ±1/64 | MICROINCHES TOLERANCES DECIMALS ±.005 | ANGLES ±1/2°
MATERIAL
ROCKWELL | SURF TREAT

FINISH (AFTER FABRICATION)
STEP 1 | 2 | 3 | 4 | 5 | 6

DRAWN	Bouillon	DATE 11/29/64
CHECKED		DATE
ENG		DATE
PROJ ENG		DATE
PROD		DATE

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

ASSY NO | CODE MA
SCALE 1/8 | SHEET | OF

TITLE COMPUTER ASSEMBLY
FOR PDP-10-48
DRWG NO E-ID-48-1 | REV LTR

INCOMPLETE DRAWING

digital CORPORATION MASTER DRAWING LIST

CODE	DWG. NO.		NO. OF SHEETS	TITLE
BS	D-1D-48-7		1	GENERAL CONTROL/TIMING
BS	D-1D-48-8		1	INSTRUCTION REGISTER & DECODERS
BS	D-1D-48-9		1	MA, MB, IO & PC TRANSFER LOGIC
BS	D-1D-48-10		1	ACCUMULATOR CONTROL
BS	D-1D-48-11		1	SKP, SWP & MID INST BK LOGIC-SH/RO PULSE GEN
BS	D-1D-48-12		1	SH/RO LOGIC PROGRAM FLAG AND RING MODE
BS	D-1D-48-13		1	(LCH & DCH) (IDC) CONTROL
BS	D-1D-48-14		1	MEMORY EXTENSION CONTROL TYPE 15A
BS	D-1D-48-15		1	RESTRICT MODE & MEMORY PROTECTION LOGIC
BS	D-1D-48-16		1	AUTOMATIC MUL/DIV
BS	D-1D-48-17		1	SEQUENCE BREAK SYSTEM TYPE 20 CONTROL
BS	D-1D-48-18		1	SEQUENCE BRK SYSTEM TYPE 20 PRIORITY CHAIN
BS	D-1D-48-19		1	STANDARD IN-OUT TRANSFER CONTROL
BS	D-1D-48-20		1	OPTIONAL IN-OUT TRANSFER CONTROL
BS	D-1D-48-21		1	IN-OUT MIXER
BS	D-1D-48-22		1	IN-OUT MIXER OPTION #1
BS	D-1D-48-23		1	PROGRAM COUNTER
BS	D-1D-48-24		1	MEMORY ADDRESS REGISTER
BS	D-1D-48-25		1	MEMORY BUFFER REGISTER
BS	D-1D-48-26		2	ACCUMULATOR REG
BS	D-1D-48-27		1	IO REGISTER
BS	D-1D-48-28		1	MEMORY BUS INTERFACE
BS	D-1D-48-29		1	CLOCK
BS	D-1D-48-30		1	READER CONTROL
BS	D-1D-48-31		1	PUNCH CONTROL
BS	D-1D-48-32		1	TYPEWRITER CONTROL
BS	D-1D-48-53		1	IN-OUT MIXER OPTION #2
WD	D-1D-48-52		1	SCR DRIVER 823-RACK 11F
WD	D-1D-48-33		1	TAPER PIN PANELS & IN-OUT PLUG FOR
				OPTIONAL EQUIPMENT
WD	D-1D-48-34		1	1A-MAFF, 1B-PC FF, 1C-AC CONTROL
WD	D-1D-48-35		1	1D-PC,SH/RW 1E-PF + SH/LOGIC, 1F-IR
WD	D-1D-48-36		1	1H-TIME PULSES, 1J-SPGIOT,1K-RUN, CYCLE DF
				BREAK
WD	D-1D-48-37		1	1L-LCH & DCH CONTROL
WD	D-1D-48-38		1	2A-AC SHIFT, 2B-ACFF, 2C-AC LOGIC
WD	D-1D-48-39		1	2D-MBFF, 2E-MBG
WD	D-1D-48-40		1	2F-IO SHIFT, 2H-IOFF, 2J-IO LOGIC
WD	D-1D-48-41		1	HIGH SPEED MUL-DIV TYPE 10 RACK 2K-2L
WD	D-1D-48-42		1	RACKS 3A, 3B

REV.	ECO	ENG	DATE

MADE BY	CHECKER	ENG
P. WHICHELLO	3/14/68	

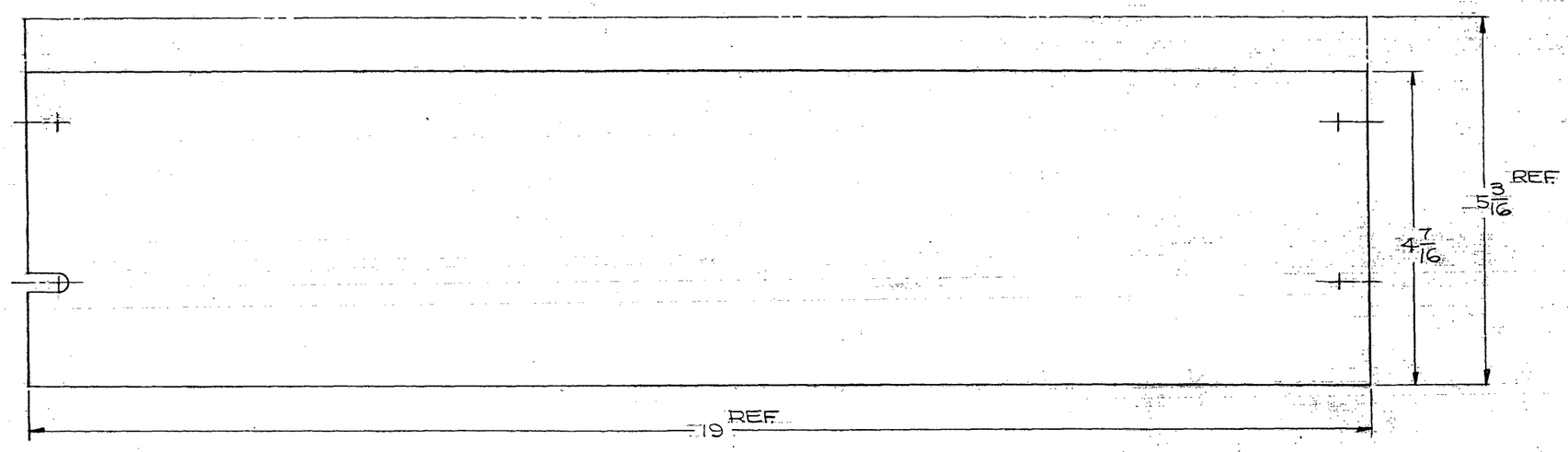
TITLE PDP-1D-48

FOR

SHEET 1 OF 3	CODE MDL	DWG. NO. A-1D-48	REV. LET

D-ID-48-1-1 | REV LTR

DO NOT SCALE PRINT



NOTES:

1. STD 'C' PANEL (5 1/4 WIDE) DWG# B-5100 - REWORK AS SHOWN.

REVISIONS			
CHANGE NO	DESCRIPTION	DATE	APP

INCOMPLETE DRAWING

REVISIONS					
REV	DATE	ENG	REV	DATE	ENG

HOLE LEGEND

	SIZE	QTY		SIZE	QTY
G			A		
H			B		
J			C		
K			D		
L			E		
M			F		

UNLESS OTHERWISE SPECIFIED
GRINDING IRRESPECTIVE OF THE LAY √
MICROINCHES
TOLERANCES
FRACTIONS ±1/64 | DECIMALS ±.005 | ANGLES ±1/2°

MATERIAL —//—

ROCKWELL —//— | SURF TREAT —//—

FINISH (AFTER FABRICATION)
STEP 1
2
3
4
5
6

DRAWN	B. Lawson	DATE 2/14/64
CHECKED		DATE
ENG		DATE
PROJ. ENG		DATE
PROD		DATE

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

ASSY. NO MA-E-ID-48-1 | CODE MD
SCALE 1/1 | SHEET | OF

TITLE SPECIAL BLANK PANEL

FOR PDP-ID-48

DRWG. NO D-ID-48-1-1 | REV LTR

PARTS LIST

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

REVISIONS

PART NO.	DRWG. NO.	NO. REQD	DESCRIPTION ITEM — STOCK SIZE — CAT. NO — MFG.	DEC. STOCK NO.	CHANGE NO.	DATE	ENG
1	PL-A-20400 MA-J-20400	4	STD. DEC CABINETS - One End Panel Reqd. Delete (2) Doors, Add (2) Doors (D-20402)				
			A-59 5/16				
2	PL-A-20100 MA-E-20100	1	OPERATOR CONTROL CABINET				
3	PL-A-1D-48-2 MAD-E-1D-48-2	1	INDICATOR PANEL				
4	PL-A-24900 MA-D-24900	1	RELAY PANEL 140				
5	PL-A-01483 MA-E-01483	1	CONTROL PANEL MTG. ASSY.				
6	PL-A-01484 MA-E-01484	4	A.C. CONDUIT CHANNEL				
7	PL-A-20100-25 MA-C-20100-25	1	A.C. CONDUIT CHANNEL (SHORT)				
8	PL-A-1933-0-1 MA-E-1933-0-1	1	1933 MTG. PANEL				
9	PL-A-10800 MA-E-10800	30	1914 MTG. PANEL				
10	PL-A-54200 MA-E-54200	1	828 POWER RECEPTACLE				
11	PL-A-15100 MA-D-15100	11	728 POWER SUPPLY				
12	PL-A-14900 MA-E-14900	1	813 POWER CONTROL				
13	PL-A-01527 MA-E-01527	1	MARGINAL SWITCH PANEL 821-10A				
14	PL-A-11200 MA-D-11200	1	734 POWER SUPPLY				
15	PL-A-16000 MA-E-16000	4	1916 MTG. PANEL				
16	MD-D-100032-1	4	CABINET FILLER - .063 THK. #5052-H32 Al. Mill Finish - Rework - See Assy.				

MADE BY R.A.Borella	DATE 1/28/64	TITLE PDP-1D-48 ASSEMBLY	CODE PL	DRWG NO 1D-48-1	REV LTR
CHECKED	DATE	FOR	ASSY NO MA-E-1D-48-1	SHEET 1 OF 5	
ENG	DATE				

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

MASTER DRAWING LIST

CODE	DWG. NO.	REV. LET.	NO. OF SHEETS	TITLE
WD	D-1D-48-43		1	RACKS 3C & 3D
WD	D-1D-48-44		1	RACKS 3H, 3J, 3K - IO CONTROL
WD	D-1D-48-45		1	RACK 3L IN-OUT MIXER OPTION
WD	D-1D-48-46		1	R1A-R1B-R1C-BRK SYSTEM PRIORITY CHAIN
WD	D-1D-48-47		1	R1D - BRK SYSTEM CONTROL
WD	D-1D-48-48		1	READER PUNCH TELETYPE TYPE CONTROL
				RACKS 11A, 11B, 11C
WD	C-21009	A	1	SWITCH PLATE
FD	D-1D-48-49		1	CYCLE ONE
FD	D-1D-48-50		1	CYCLE ZERO & DEFER CYCLES
FD	D-1D-45-23		1	SPECIAL CYCLES & LCH & DCH
CL	A-1D-48-54		2	TYPE 120 SEZ BRK IND
CL	A-1D-48-55		4	3.3K SERIES RESISTORS TO INDICATIONS
				FOR SEQUENCE BREAK SYSTEM TYPE 20
CL	A-1D-48-56		1	D-003 DIODE SEZ BRK SYSTEM TYPE 20
CL	A-1D-48-57		1	82 OHM TERMINATOR SBS
CL	A-1D-48-58		1	TO BUF FROM IOT IO PANEL
CL	A-1D-48-59		1	TYPE BUFFERS
CL	A-1D-48-60		1	RDR BUFFERS
CL	A-1D-48-61		1	RDR PULSES PUNCH PULSES IOT IO
CL	A-1D-48-62		1	TW LINES
CL	A-1D-48-63		1	AC INDICATORS
CL	A-1D-48-64		1	IO INDICATORS
CL	A-1D-48-65		1	MB INDICATORS
CL	A-1D-48-66		2	RDR INDICATORS
CL	A-1D-48-67		2	SOCKET WIRING IO OUTPUTS
CL	A-1D-48-68		2	SOCKET WIRING PIN&TYPE INDICATOR
CL	A-1D-48-69		5	WS FOR STD 1A, 1B, 1C
CL	A-1D-48-70		6	WS FOR STD 1D, 1E, 1F
CL	A-1D-48-71		4	WS FOR STD 2A, 2B, 2C
CL	A-1D-48-72		3	WS FOR STD 2D - 2E
CL	A-1D-48-73		1	WS FOR STDS 2F, 2H, 2J
CL	A-1D-48-74		2	WS FOR STD 1H, 1J, 1K
CL	A-1D-48-75		2	TYPE 20 SBS INDICATOR
CL	A-1D-48-76		1	AC 0 (B) TO IOT
CL	A-1D-48-77		1	MB1 1685 DRIVERS TO → IOT OUTPUTS →

REV.	ECO	ENG	DATE

MADE BY	CHECKER	ENG

TITLE PDP-1D-48

FOR

SHEET 2 OF 3	CODE MDL	DWG. NO. A-1D-48	REV. LET.

PARTS LIST

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

REVISIONS

PART NO.	DRWG. NO.	NO. REQD	DESCRIPTION ITEM — STOCK SIZE — CAT. NO — MFG.	DEC. STOCK NO.	CHANGE NO.	DATE	ENG
17	MD-C-01493	1	PLUG PANEL (5¼) - .125 THK. #5052-H32 Al. Mill Finish				
18	MD-E-01492	2	COVER PLATE - .063 THK. #5052-H32 Al. Mill Finish				
19	MD-D-01454	5	PROTECTION STRIP - .125 THK. #5052-H32 Al. Mill Finish				
20	MD-B-01485	4	A.C. CONDUIT CHANNEL CONNECTOR - .063 THK. #5052-H32 Al. - Mill Finish				
21	MD-D-1D-48-1-1	1	SPECIAL BLANK PANEL - .125 THK. #5052-H32 Al. - Mill Finish				
22	MD-B-5100	12	"C" SIZE BLANK FRONT PANEL (5¼) - .125 THK #5052-H32 Al. - Mill Finish				
23	MD-B-5100	4	"F" SIZE BLANK FRONT PANEL (10½) - .125 THK #5052-H32 Al. - Mill Finish				
24	MD-B-5111	9	"B" SIZE STD. CHASSIS (4) - .125 THK. - #5052-H32 Al. - Mill Finish				
25	MD-B-5111	2	"C" SIZE STD. CHASSIS (6) - .125 THK. - #5052-H32 Al. - Mill Finish				
26	MD-B-5111	2	"D" SIZE STD. CHASSIS (8) - .125 THK. - #5052-H32 Al. - Mill Finish				
27	MD-B-5111	1	"E" SIZE STD. CHASSIS (10) - .125 THK. - #5052-H32 Al. - Mill Finish				
28	MD-B-5111	2	"F" SIZE STD. CHASSIS (12) - .125 THK. - #5052-H32 Al. - Mill Finish				
29	MD-B-5111	1	"G" SIZE STD. CHASSIS (14) - .125 THK. - #5052-H32 Al. - Mill Finish				
30	MD-B-5111	2	"H" SIZE STD. CHASSIS (16) - .125 THK. - #5052-H32 Al. - Mill Finish				
31	MD-B-01487	40	SPACER - 7/16 O.D. x .049 W. THK. Cold Drawn Stl. Seamless Mech. Tubing				
32	PL-A-01536 MA-C-01536	1	SCR. DRIVER 823				
33	PL-A-21002 MAD-C-21002	2	SWITCH PLATE ASSY.				

MADE BY	DATE	TITLE	CODE	DRWG NO	REV LTR
R.A.Borella	1/28/64	PDP-1D-48 ASSEMBLY	PL	1D-48-1	
CHECKED	DATE	FOR	ASSY NO	SHEET 2 OF 5	
ENG	DATE		MA-E-1D-48-1		

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

MASTER DRAWING LIST

CODE	DWG. NO.	REV. LET.	NO. OF SHEETS	TITLE
CL	A-1D-48-78		1	IO/OUTPUTS IOT ⟶ IO
CL	A-1D-48-79		1	IM(A) RDR BUFF'S IOT-IM
CL	A-1D-48-80		1	1M(B) TYP BUFF'S IOT-IM
CL	A-1D-48-81		1	1M(C) IOT-IM #3
CL	A-1D-48-82		1	1M(D) IOT-IM #4
CL	A-1D-48-83		1	IOT-IM #5
CL	A-1D-48-84		1	IM(F) IOT-IM #6
CL	A-1D-48-85		1	IM(C) IOT-IM #7
CL	A-1D-48-86		1	1M(H) IOT-IM #8

REV.	ECO	ENG	DATE

MADE BY	CHECKER	ENG

TITLE PDP-1D-48

FOR

SHEET 3 OF 3 | CODE MDL | DWG. NO. A-1D-48 | REV. LET.

PARTS LIST

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

REVISIONS

PART NO.	DRWG. NO.	NO. REQD	DESCRIPTION ITEM — STOCK SIZE — CAT. NO — MFG.	DEC. STOCK NO.	CHANGE NO.	DATE	ENG
*	MD-B-01486	4	CENTER CLIP - 12GA. (.1046) C.R.S.				
*	MD-C-01488	4	CORNER CLIP - 12 GA. (.1046) C.R.S.				

* THESE PARTS NOT SHOWN ON ASSEMBLY

MADE BY R.A.Borella	DATE 1/28/64	TITLE PDP-1D-48 ASSEMBLY	CODE PL	DRWG NO 1D-48-1	REV LTR
CHECKED	DATE	FOR	ASSY NO MA-E-1D-48-1	SHEET 3 OF 5	
ENG	DATE				

PARTS LIST

DIGITAL EQUIPMENT CORPORATION

MAYNARD, MASSACHUSETTS

REVISIONS

PART NO.	DRWG. NO.	NO. REQD	DESCRIPTION ITEM — STOCK SIZE — CAT. NO — MFG.	DEC. STOCK NO.	CHANGE NO.	DATE	ENG
P1		1	SNAP ACTION SWITCH - #2201 N.O. - Grayhill Inc.				
P2		4	50 CONTACT RECEPTACLE - #115-115S (432) Amphenol				
P3		8	PHILLIPS PAN HEAD MACH. SCREW - #8-32 x 3/8 Lg. - SST.				
P4		24	"KEPS" HEX NUT - #8-32 x 5/16 SST.				
P5		10	SQUARE HEAD MACH. BOLT - 3/18 - 16 x 9½ Lg. - STL.				
P6		10	HEX NUT - 3/8 - 16 THD. - STL.				
P7		20	PLAIN WASHER (MEDIUM) - 7/8 O.D. x 13/32 ID. x 5/64 THK. - STL.				
P8		8	PAN HEAD HOOK KNURL BOLT - 1/4-20 x 5/8 Lg. SST - Lamson & Sessions				
P9		8	STOVER LOCK NUT - 1/4-20 THD. Type Automation B - Lamson & Sessions				
P10		20	HEX HEAD MACH. SCREW - 5/16-18 x 2½ Lg.SST				
P11		20	HEX NUT - 5/16-18 THD. - SST.				
P12		40	PLAIN WASHER - 11/16 O.D. x 11/32 I.D. x 1/16 THK. - SST.				
P13		24	PHILLIPS TRUSS HEAD MACH. SCREW - #10-32 x 1/4 Lg. - SST.				
*		2	SOCKET HEAD CAP SCREW - #10-32 x 1" Lg. SST.				
*		2	SOCKET HEAD CAP SCREW #10-32 x ½ Lg. - SST.				
*		60	PHILLIPS TRUSS HEAD MACH. SCREW - #10-32 x 1/2 Lg. - SST.				
*		36	RIVNUT - #SS10-130, 10-32 THD. - B. F. Goodrich				

MADE BY R.A.Borella	DATE 1/28/64	TITLE PDP-1D-48 ASSEMBLY	CODE PL	DRWG NO 1D-48-1	REV LTR
CHECKED	DATE	FOR	ASSY NO MA-E-1D-48-1	SHEET 4 OF 5	
ENG	DATE				

PARTS LIST

DIGITAL EQUIPMENT CORPORATION

MAYNARD, MASSACHUSETTS

REVISIONS

PART NO.	DRWG. NO.	NO. REQD	DESCRIPTION ITEM — STOCK SIZE — CAT. NO — MFG.	DEC. STOCK NO.	CHANGE NO	DATE	ENG
*		5	CABLE CLAMP - Type 2C1-150 - #B47D691 - Dakota Plastics				

* THESE PARTS NOT SHOWN ON ASSY.

MADE BY R.A.Borella	DATE 1/28/64	TITLE PDP-1D-48 ASSEMBLY	CODE PL	DRWG NO 1D-48-1	REV LTR
CHECKED	DATE	FOR	ASSY NO MA-E-1D-48-1	SHEET 5 OF 5	
ENG	DATE				

PARTS LIST

DIGITAL EQUIPMENT CORPORATION

MAYNARD, MASSACHUSETTS

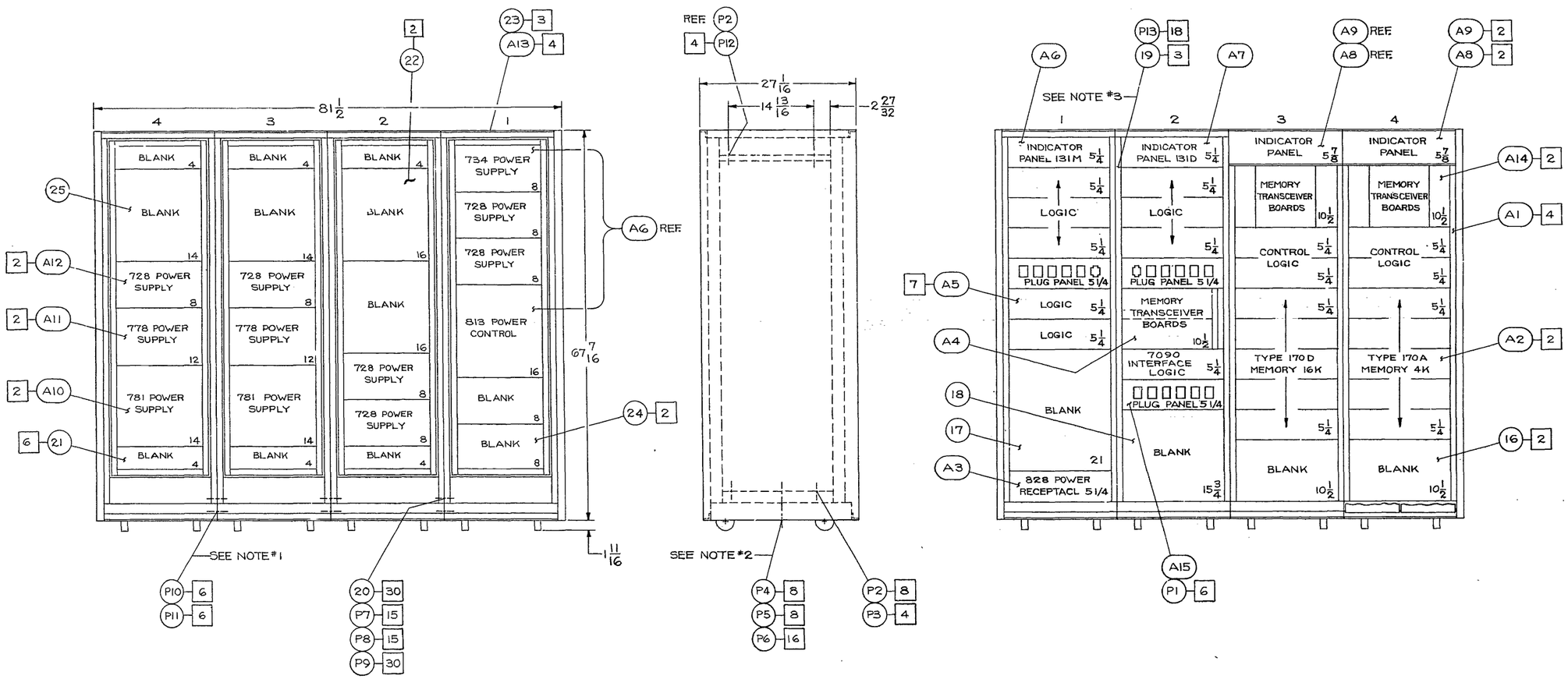
REVISIONS

PART NO.	DRWG. NO.	NO. REQD	DESCRIPTION ITEM — STOCK SIZE — CAT. NO. — MFG.	DEC. STOCK NO.	CHANGE NO.	DATE	ENG
1	PL-A-20400 MA-J-20400	4	STD. DEC CABINET DELETE (4) FRONT DOORS ADD (4) FRONT DOORS DWG. #D-20402 A=59				
			5/16				
2	MDL-A-170- ABCD-0-29	2	16K TYPE MEMORY ASSEMBLY				
3	PL-A-54200 MA-E-54200	1	828 POWER RECEPTACLE				
4	PL-A-1933-0-0 MA-E-1933-0-0	1	1933 MTG. PANEL				
5	PL-A-10800 MA-E-10800	7	1914 MTG. PANEL				
6	PL-A-131M-0-1 FPL-D-131M-0-1	1	DATA CONTROL 131M ASSEMBLY				
7	PL-A-131D-0-27 FPL-D-131D-0-27	1	DATA CONTROL 131D ASSEMBLY				
8	PL-A-1D-48-6 MAD-E-1D-48-6	2	INDICATOR PANEL				
9	PL-A-01483 MA-E-01483	2	CONTROL PANEL MTG. ASSEMBLY				
10	PL-A-781-0-1 MA-E-781-0-1	2	781 POWER SUPPLY				
11	[illegible] A-PL-778-0-1	2	778 POWER SUPPLY				
12	PL-A-15100 MA-D-15100	2	728 POWER SUPPLY				
13	PL-A-01484 MA-E-01484	4	A.C. CONDUIT CHANNEL				
14	PL-A-1932-0-1 MA-E-1932-0-1	2	1932 MTG. PANEL				
15	PL-A-100034 MAD-D-100034	1	I.B.M. COAX CABLE CONN. PANEL				
16	MD-B-5100	2	"F" SIZE BLANK FRONT PANEL (10 1/2) .125 THK. 5052-H32 AL.				

MADE BY R.A. Borella	DATE 1/31/64	TITLE EXTERNAL MEMORIES & HIGH SPEED DATA CONTROL ASSEMBLY	CODE PL	DRWG NO 1D-48-2	REV LTR A
CHECKED	DATE	FOR PDP-1D-48	ASSY NO MA-E-1D-48-2	SHEET 1 OF 3	
ENG R. Cajolet	DATE				

E-ID-48-2 REV LTR A

DO NOT SCALE PRINT



NOTES:

1. USING (2) 1/4 DIA. HOLES IN LEFT SIDE OF BOTTOM PAN, 9/32 DIA. DRILL THRU & INSTALL P10 & P11.
2. 13/32 DIA. DRILL THRU CABINET FRAME & SKID (D-01421) & INSTALL P4, P5 & P6.
3. REWORK #19 (CABINET FILLER) WHERE NECESSARY BY CUTTING OFF 3 1/2 FROM SURFACE 'A', SEE D-01452.

REVISIONS			
CHANGE NO	DESCRIPTION	DATE	APP
A-3023	CHGD #11 & 22, ADDED #25	8/21/67	
	Sonny Hall 8-21-67 ENG. D. Ruch 8-28-67		

INCOMPLETE DRAWING

REVISIONS					
REV	DATE	ENG	REV	DATE	ENG
A	8-25-67				

HOLE LEGEND					
	SIZE	QTY		SIZE	QTY
G			A		
H			B		
J			C		
K			D		
L			E		
M			F		

UNLESS OTHERWISE SPECIFIED
GRINDING IRRESPECTIVE OF THE LAY ✓
MICROINCHES
TOLERANCES
FRACTIONS ±1/64" DECIMALS ±.005 ANGLES ±1/2°
MATERIAL
ROCKWELL
SURF TREAT

FINISH (AFTER FABRICATION)
STEP 1
2
4
5
6

DRAWN Bonalla	DATE 1/31/64	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
CHECKED	DATE	
ENG	DATE	
PROJ. ENG	DATE	
PROD	DATE	

ASSY. NO MA-E-ID-48-1 CODE MA
SCALE 1/8 SHEET OF

TITLE EXTERNAL MEMORIES & HIGH SPEED DATA CONTROL
FOR PDP-ID-48
DRWG NO E-ID-48-2 REV LTR A

PARTS LIST

DIGITAL EQUIPMENT CORPORATION

MAYNARD, MASSACHUSETTS

REVISIONS

PART NO.	DRWG. NO.	NO. REQD	DESCRIPTION ITEM — STOCK SIZE — CAT. NO — MFG.	DEC. STOCK NO.	CHANGE NO.	DATE	ENG
17	MD-B-5100	1	"M" SIZE BLANK FRONT PANEL (21) .125 THK. 5052-H32 AL. MILL FINISH				
18	MD-B-5100	1	"J" SIZE BLANK FRONT PANEL (15 3/4) .125 THK. 5052-H32 AL. MILL FINISH				
19	MD-D-01489	3	CABINET FILLER .063 THK. 5052-H32 AL. MILL FINISH REWORK SEE ASS'Y.				
20	MD-B-01487	30	SPACER 7/16 O.D. x .049 W. THK. COLD DRAWN STL. SEAMLESS MECH. TUBING				
21	MD-B-5111	6	"B" SIZE STD. CHASSIS (4) .125 THK. 5052-H32 AL. MILL FINISH				
22	MD-B-5111	2	"H" SIZE STD. CHASSIS (16) .125 THK. 5052-H32 AL. MILL FINISH				
23	MD-B-01485	3	A.C. CONDUIT CHANNEL CONNECTOR .063 THK. 5052-H32 AL. MILL FINISH				
24	MD-B-5111	2	"D" SIZE STD. CHASSIS (8) .125 THK. 5052-H32 AL. MILL FINISH				
*	MD-B-01486	3	CENTER CLIP 12 GA. (.1046) C.R.S.				
*	MD-B-01488	3	CORNER CLIP 12 GA. (.1046) C.R.S.				
25	MD-B-5111	2	"G" SIZE STD CHASSIS (14")				

* THESE PARTS NOT SHOWN ON ASSEMBLY

MADE BY R.A. Borella	DATE 1/31/64	TITLE EXTERNAL MEMORIES & HIGH SPEED DATA CONTROL ASSEMBLY	CODE PL	DRWG NO 1D-48-2	REV LTR A
CHECKED	DATE	FOR PDP-1D-48	ASSY NO MA-E-1D-48-2	SHEET 2 OF 3	
ENG	DATE				

PARTS LIST

DIGITAL EQUIPMENT CORPORATION

MAYNARD, MASSACHUSETTS

REVISIONS

PART NO.	DRWG. NO.	NO. REQD	DESCRIPTION ITEM — STOCK SIZE — CAT. NO — MFG.	DEC. STOCK NO.	CHANGE NO.	DATE	ENG
P1		6	COAX CABLE CONNECTOR #598027 I.B.M.				
P2		8	RIVNUT #SS10-130 10-32 THD. B.F. GOODRICH				
P3		4	SOCKET HD. CAP SCREW 10-32 x 1/2 LG. SST.				
P4		8	SQUARE HD. MACH. BOLT 3/8-16 x 9 1/2 LG STL.				
P5		8	HEX NUT 3/8 - 16 THD. STL.				
P6		16	PLAIN WASHER (MEDIUM) 7/8 O.D. x 13/32 I.D. x 5/64 THK.				
P7		15	HEX HD. MACH. SCREW 5/16-18 x 2 1/2 LG. SST.				
P8		15	HEX NUT 5/16-18 THD. SST.				
P9		30	PLAIN WASHER (MEDIUM) 11/16 O.D. x 11/32 I.D. x 1/16 THK. SST.				
P10		6	PAN HD. HOOK KNURL BOLT 1/4 -20 x 5/8 LG. SST. LAMPSON & SESSIONS				
P11		6	STOVER LOCK NUT 1/4-20 THD. TYPE " AUTOMATION B - LAMPSON & SESSIONS				
P12		4	SOCKET HD. CAP SCREW 10-32 x 1" LONG SST.				
P13		18	PHILLIPS TRUSS HD. MACH. SCREW 10-32 x 1/4 LG. SST.				
*		24	PHILLIPS PAN HD. MACH. SCREW 10-32 x 1/2 LG. SST.				

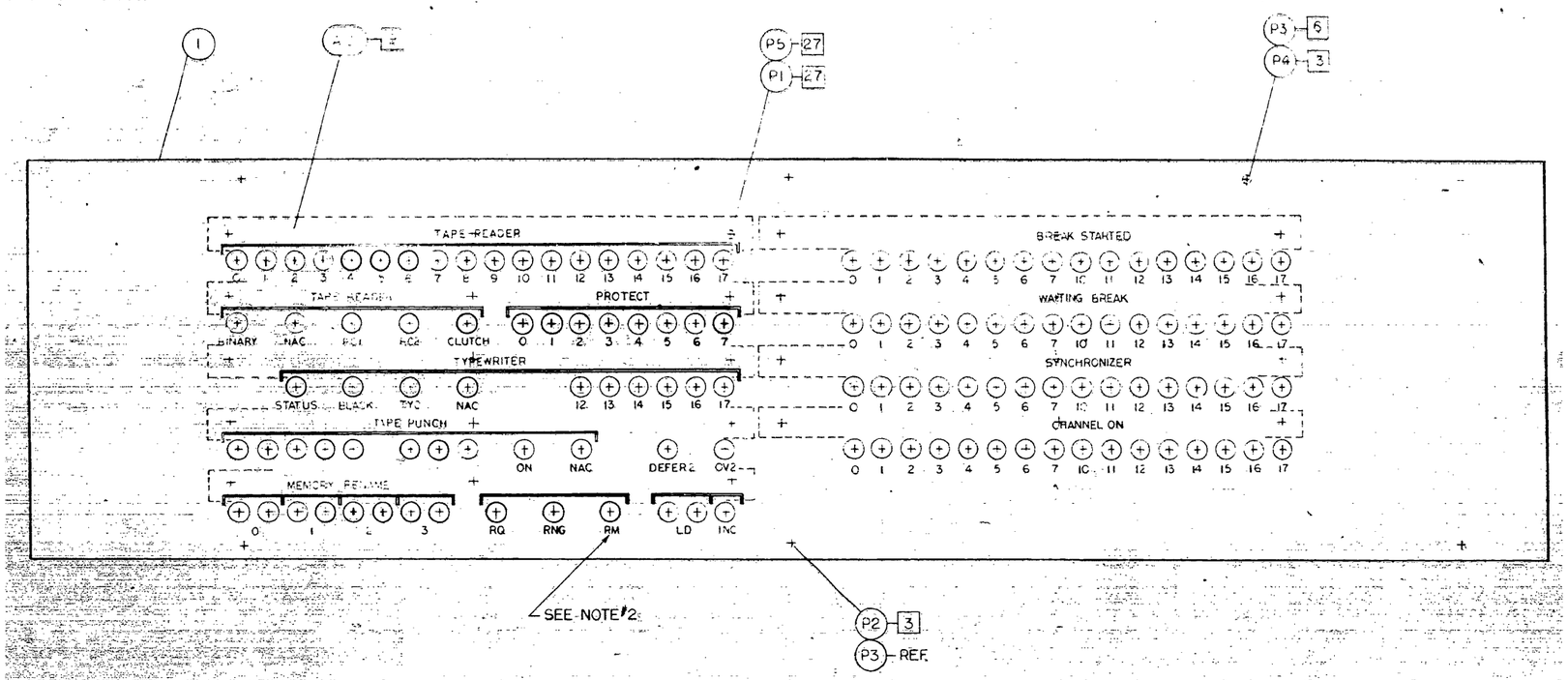
* THESE PARTS NOT SHOWN ON ASSEMBLY

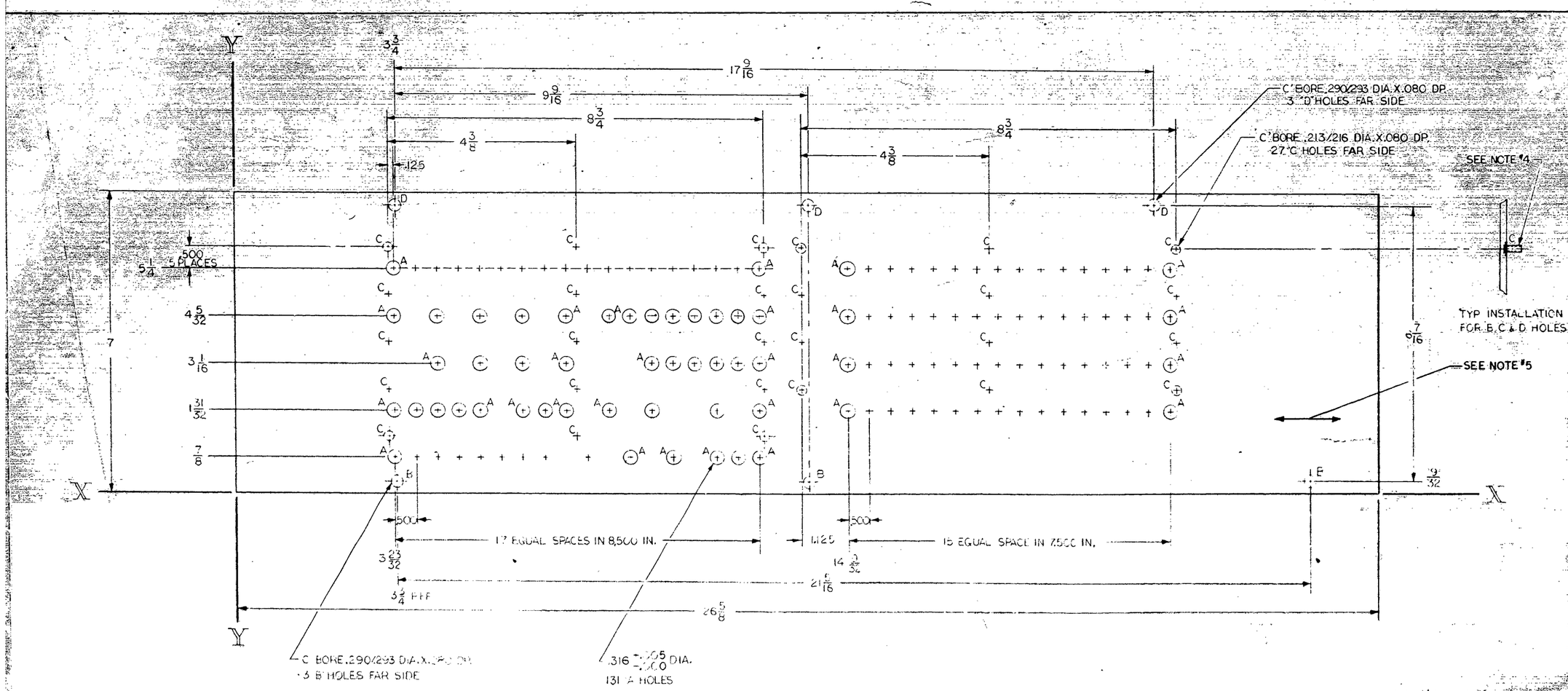
MADE BY R.A. Borella	DATE 1/31/64	TITLE EXTERNAL MEMORIES & HIGH SPEED DATA CONTROL ASSEMBLY	CODE PL	DRWG NO 1D-48-2
CHECKED	DATE	FOR PDP-1D-48	ASSY NO MA-E-1D-48-2	SHEET 3 OF 3
ENG	DATE			

REV LTR: A

E-ID-TC-3 REV LTR

DO NOT SCALE PRINT





NOTES:

1. ALL DIMS TO BE TAKEN FROM X-X OR Y-Y UNLESS OTHERWISE SPECIFIED.
2. ALL NOMENCLATURE TO BE 12 POINT STD. ETCHED .003-.005 DP. BLACK FILLED
3. ALL DECIMAL DIM. TO BE ±.005 AND NOT TO BE ACCUMULATIVE.
4. INSTALL CONCEALED HEAD PEM STUD 8-32 X 1/2 LG. 3 "B" PLACES 6-32 X 3/8 LG. 27 "C" PLACES AND 8-32 X 5/8 LG 3 "D" PLACES. FRONT SURFACE OF PANEL TO BE FLUSH AFTER THIS OPERATION.
5. FINISH: NATURAL AL BRUSHED 240 GRIT PARALLEL TO 26 5/8 DIM.
6. CLEAR ANODIZE.

REVISIONS

CHANGE NO	DESCRIPTION	DATE	APP

SEE NOTE 5 & 6

.125 THK 5052-H32 AL
MILL FINISH

ENG R Cayton 1/23/64
PROJ ENG
DATE
DATE

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

INDICATOR PANEL

FOR PDP-ID-48

DRWG NO MA-E-ID-48-1 CODE MAD

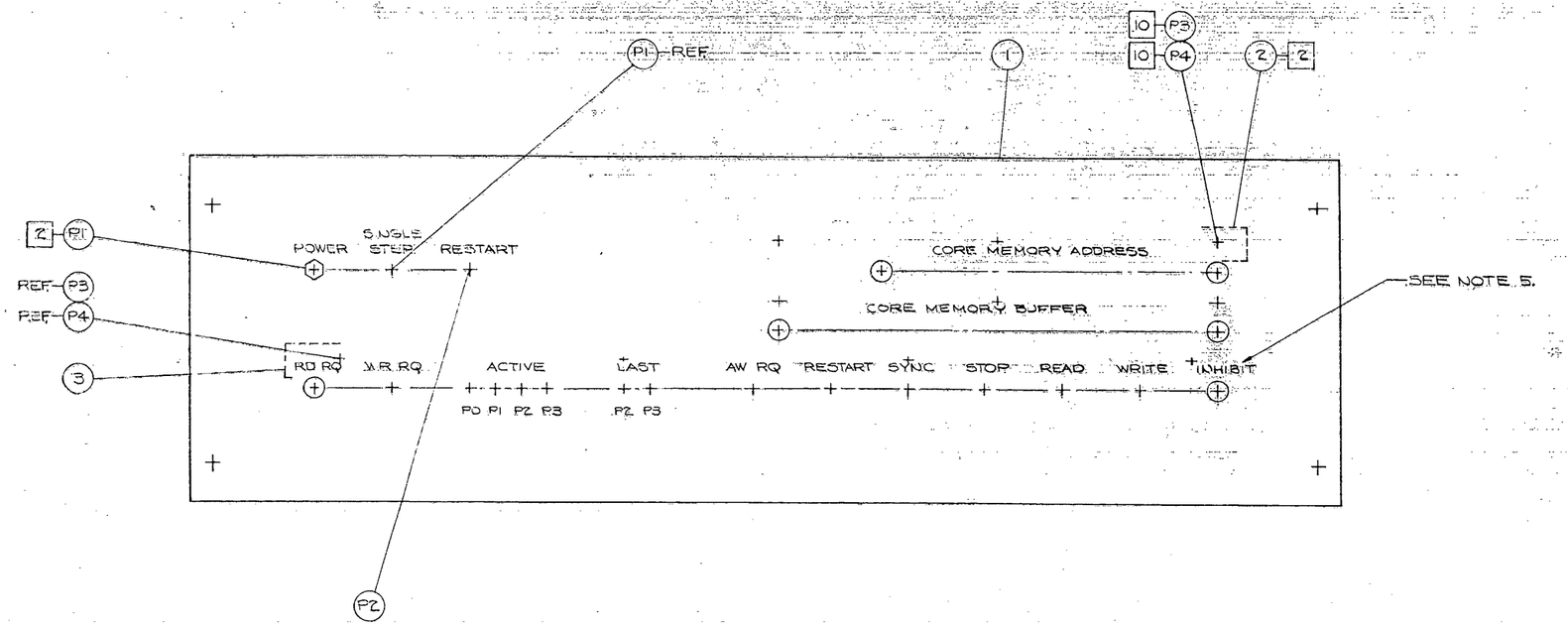
MAD-E-ID-48-3

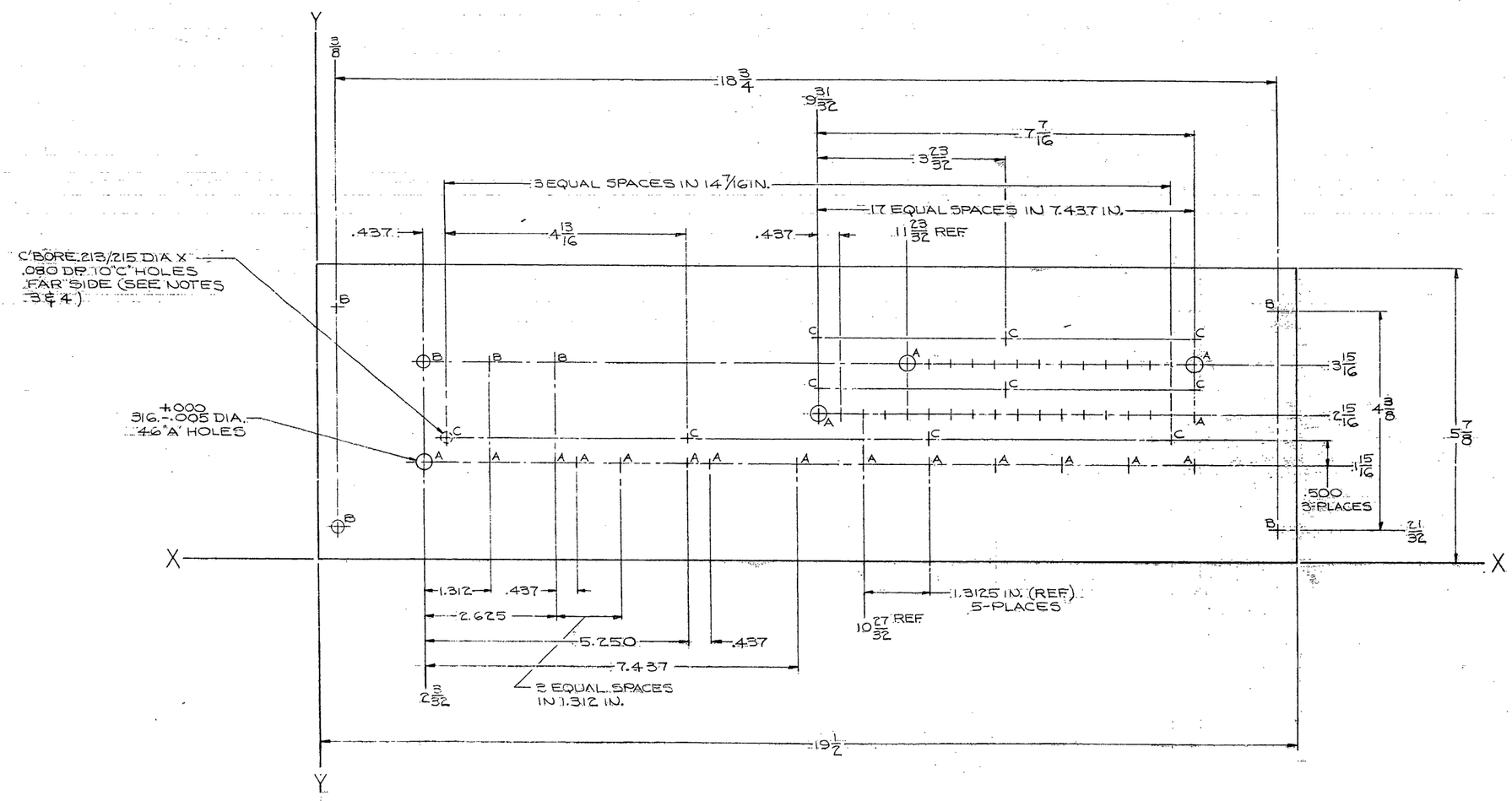
REV LTR

SCALE 1/1 SHEET OF

E-ID-48-6 REV LTR

DO NOT SCALE PRINT





NOTES:

1. ALL DIMENSIONS TO BE INTERPRETED AS X OR XY UNLESS OTHERWISE SPECIFIED.
2. ALL DECIMAL DIMS ± .005 & NOT TO BE ACCUMULATIVE.
3. REM STUDS TO BE PROVIDED IN ALL SURFACE DEFECTS TO BE SANDED SMOOTH TO FRONT SURFACE BEFORE FINISHING PANEL.
4. INSTALL CONCEALED REM STUDS #G-32 X 7/8 LG TO U PLACES
5. NOMENCLATURE TO BE 1/2 POINT STD. WHITE LETTERING

REVISIONS			
CHANGE NO	DESCRIPTION	DATE	APP

INCOMPLETE DRAWING

REVISIONS					
REV	DATE	ENG	REV	DATE	ENG

HOLE LEGEND							
	SIZE	QTY			SIZE	QTY
G				A	SEE DWG	46
H				B	1/4	7
J				C	SEE DWG	10
K				D		
L				E		
M				F		

UNLESS OTHERWISE SPECIFIED
GRINDING IRRESPECTIVE OF THE LAY ✓
MICROINCHES
TOLERANCES
FRACTIONS ±1/64 | DECIMALS ±.005 | ANGLES ±1/2°

MATERIAL .125 THK #5052-H32 AL. MILL FINISH

ROCKWELL — | SURF TREAT —

FINISH (AFTER FABRICATION)
STEP 1 SPEC #20
2 SPEC #15
3
4
5
6

DRAWN	B. Yarnell	DATE 2-19-64
CHECKED		DATE
ENG		DATE
PROJ ENG		DATE
PROD		DATE

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE INDICATOR PANEL
FOR EXTERNAL MEMORIES & HIGH SPEED DATA CONTROL

ASSY NO MA-E-ID-48-2 | CODE MAD | DRWG NO E-ID-48-6 | REV LTR

SCALE 1/1 | SHEET | OF

PARTS LIST

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

REVISIONS

PART NO.	DRWG. NO.	NO. REQD	DESCRIPTION ITEM — STOCK SIZE — CAT. NO — MFG.	DEC. STOCK NO.	CHANGE NO.	DATE	ENG
1	MD-E-1D-48-6	1	INDICATOR PANEL .125 THK. #5052-H32 AL. MILL FINISH				
2	PL-A-4903-0-1 MA-D-4903-0-1	2	4903 LIGHT BRACKET ASS'Y. (18 LIGHTS)				
3	PL-A-4905-0-1 MA-E-4905-0-1	1	4905 LIGHT BRKT. ASS'Y. (36 LIGHTS)				
P1		2	SUB-MINIATURE TOGGLE SWITCH S.P.D.T. #6AT2 MICRO SWITCH CORP.				
P2		1	SUB-MINIATURE SWITCH (PUSH BUTTON) #1PB5 MICRO SWITCH CORP.				
P3		10	"PEM" CONCEALED SELF CLINCHING STUD #6-32 x 3/8 LG. CAT. #CFHS-632-6 PENN ENG. &				
			MFG. CORP.				
P4		10	"KEPS" HEX NUT #6-32 x 1/4 SST. LEHIGH METALS				

MADE BY	DATE	TITLE	CODE	DRWG NO	REV LTR
B. Lawson	2/18/64	INDICATOR PANEL	PL	1D-48-6	
CHECKED	DATE	FOR ETERNAL MEMORIES & HIGH SPEED DATA CONTROL	ASSY NO MAD-E-1D-48-6	SHEET 1 OF 1	
ENG	DATE				

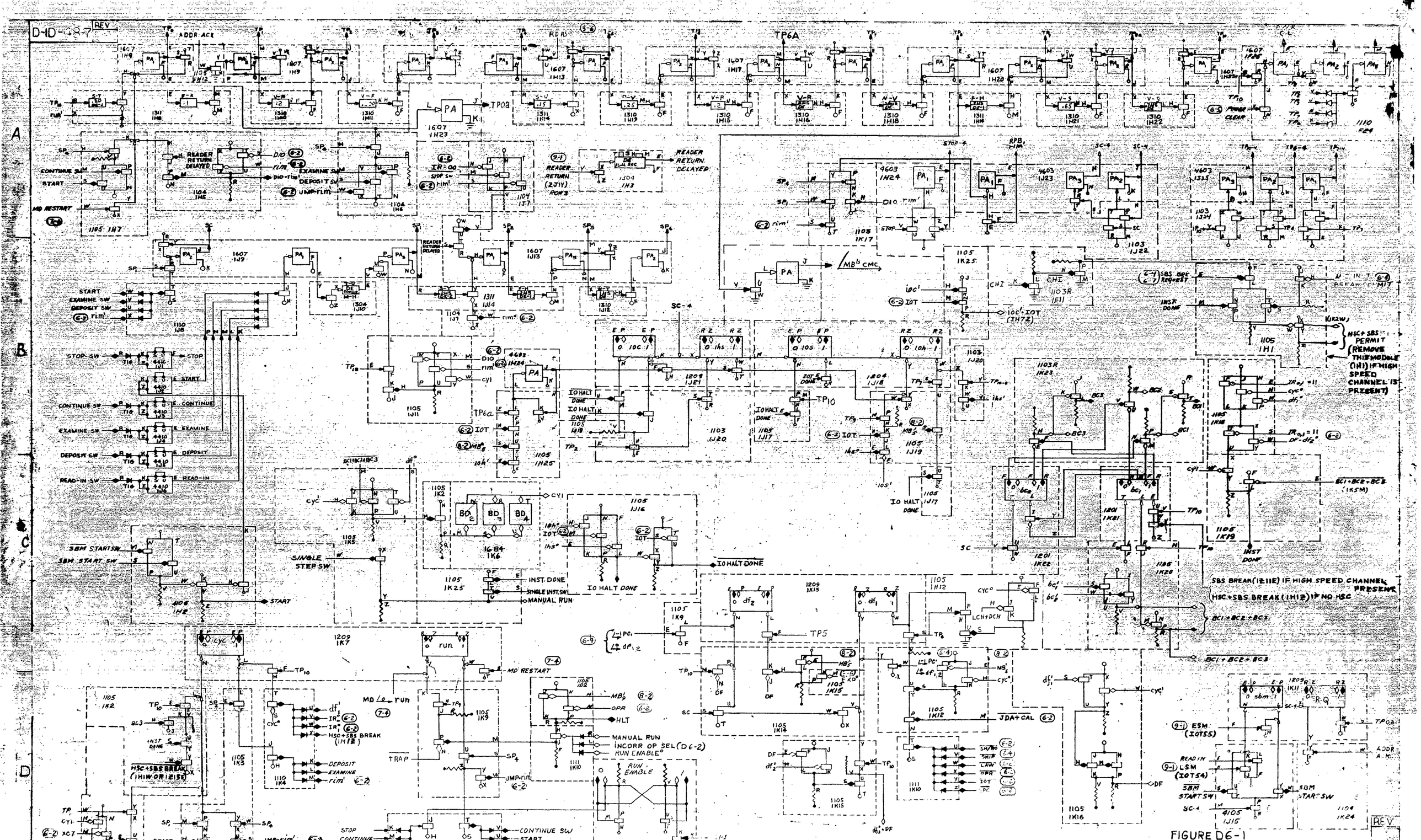


FIGURE D6-1

CODE	ch no	app	Changes	exper.	production	checked	engineer	GENERAL CONTROL / TIMING	RDP-ID-48
BS						3-19-69		digital EQUIPMENT CORPORATION	D-ID-48-7

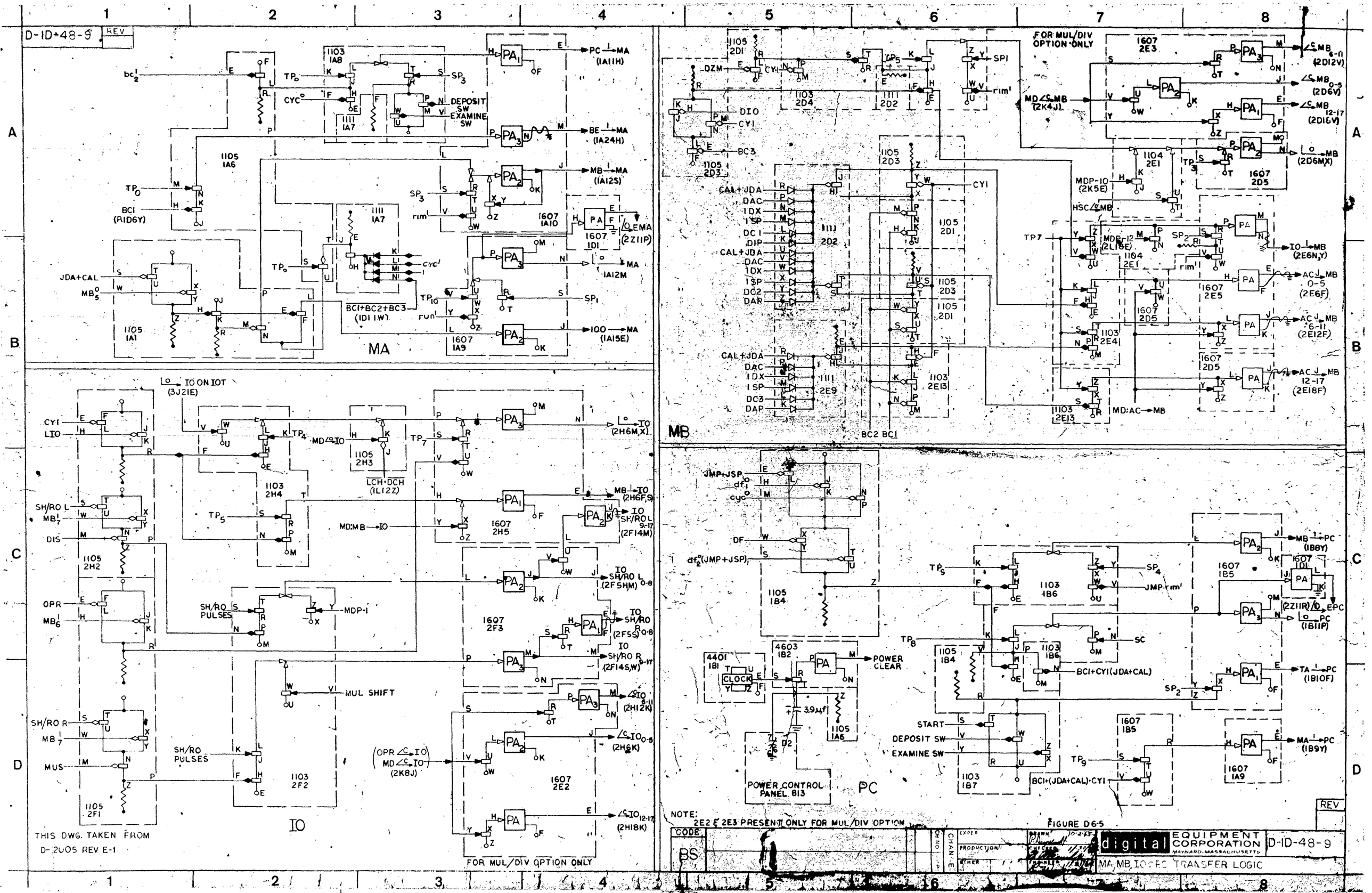

D-ID-48-9
REV
MA
MB
IO
PC
FOR MUL/DIV OPTION ONLY
THIS DWG. TAKEN FROM D-2005 REV E-1
NOTE: 2E2 & 2E3 PRESENT ONLY FOR MUL/DIV OPTION
POWER CONTROL PANEL 813
digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
D-ID-48-9
MA, MB, IO, PC TRANSFER LOGIC

FIGURE D6-5

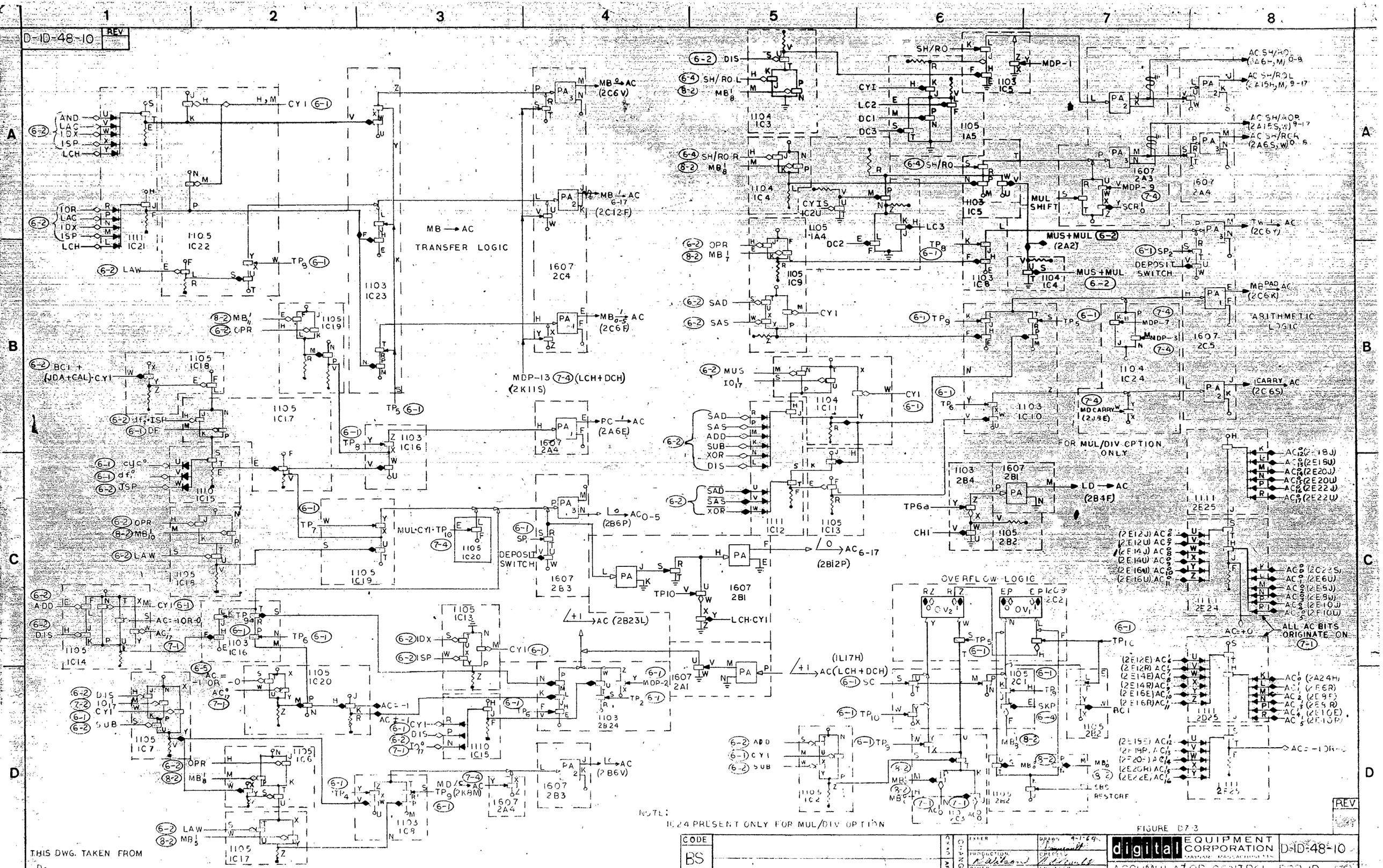
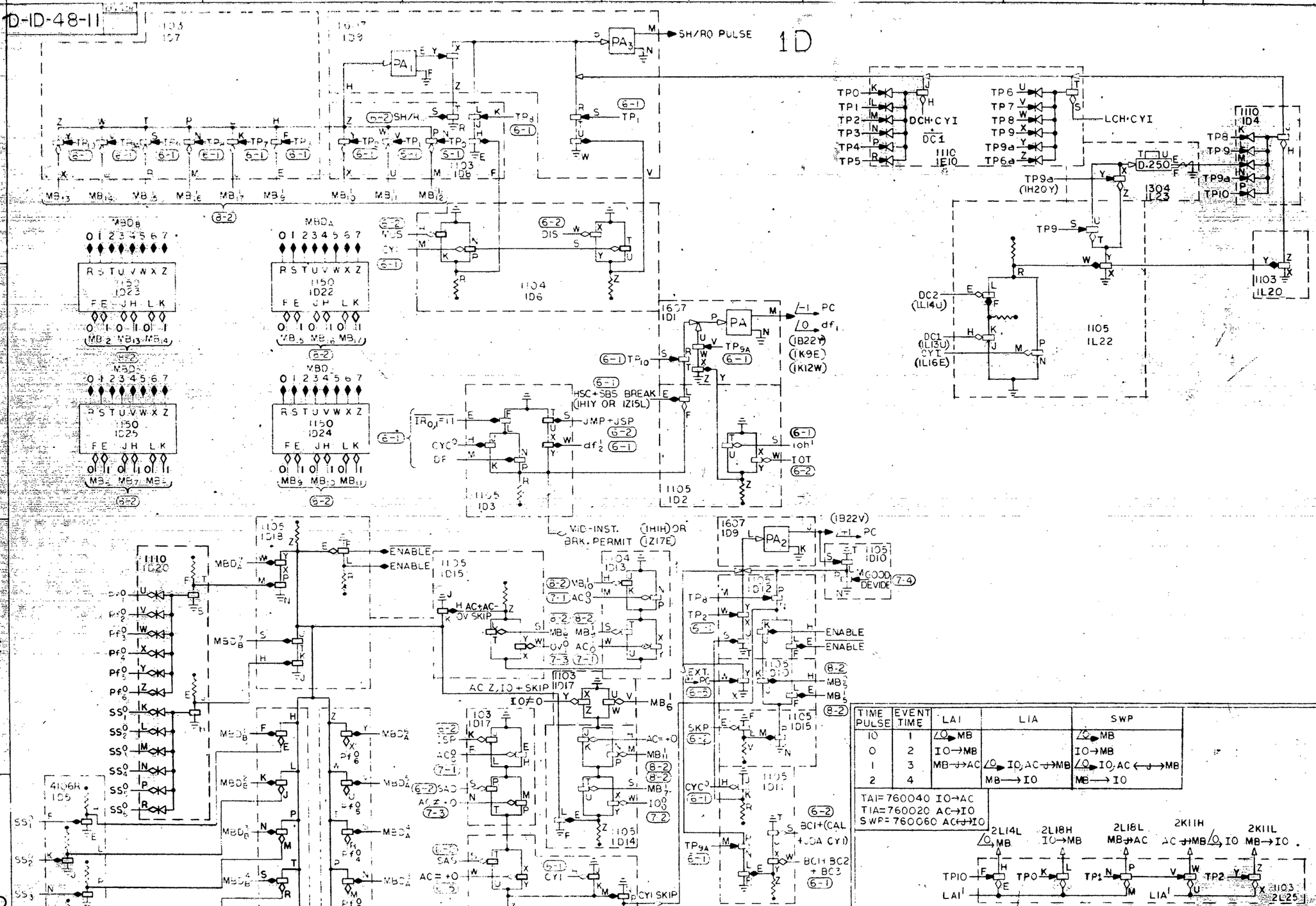


FIGURE D7-3

CODE							
BS						digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	D-ID-48-10
						ACCUMULATOR CONTROL PDP-ID	

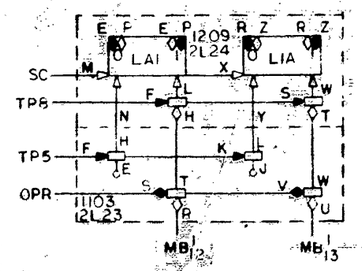
D-ID-48-11

1D



TIME PULSE	EVENT TIME	LAI	LIA	SWP
IO	1	∠0 → MB		∠0 → MB
0	2	IO → MB		IO → MB
1	3	MB → AC	∠0 → IO, AC → MB	∠0 → IO, AC ↔ MB
2	4		MB → IO	MB → IO

TAI = 760040 IO→AC
TIA = 760020 AC→IO
SWP = 760060 AC↔IO



DRAWN		DATE	
CHECKED	R. Blanchette	DATE	12/28/64
ENG	R. Wilson	DATE	1-4-65
PROJ. ENG	R. Wilson	DATE	1-4-65
PROG	R. Wilson	DATE	1-4-65

CHANGE / DATE / ENG — REVISIONS

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

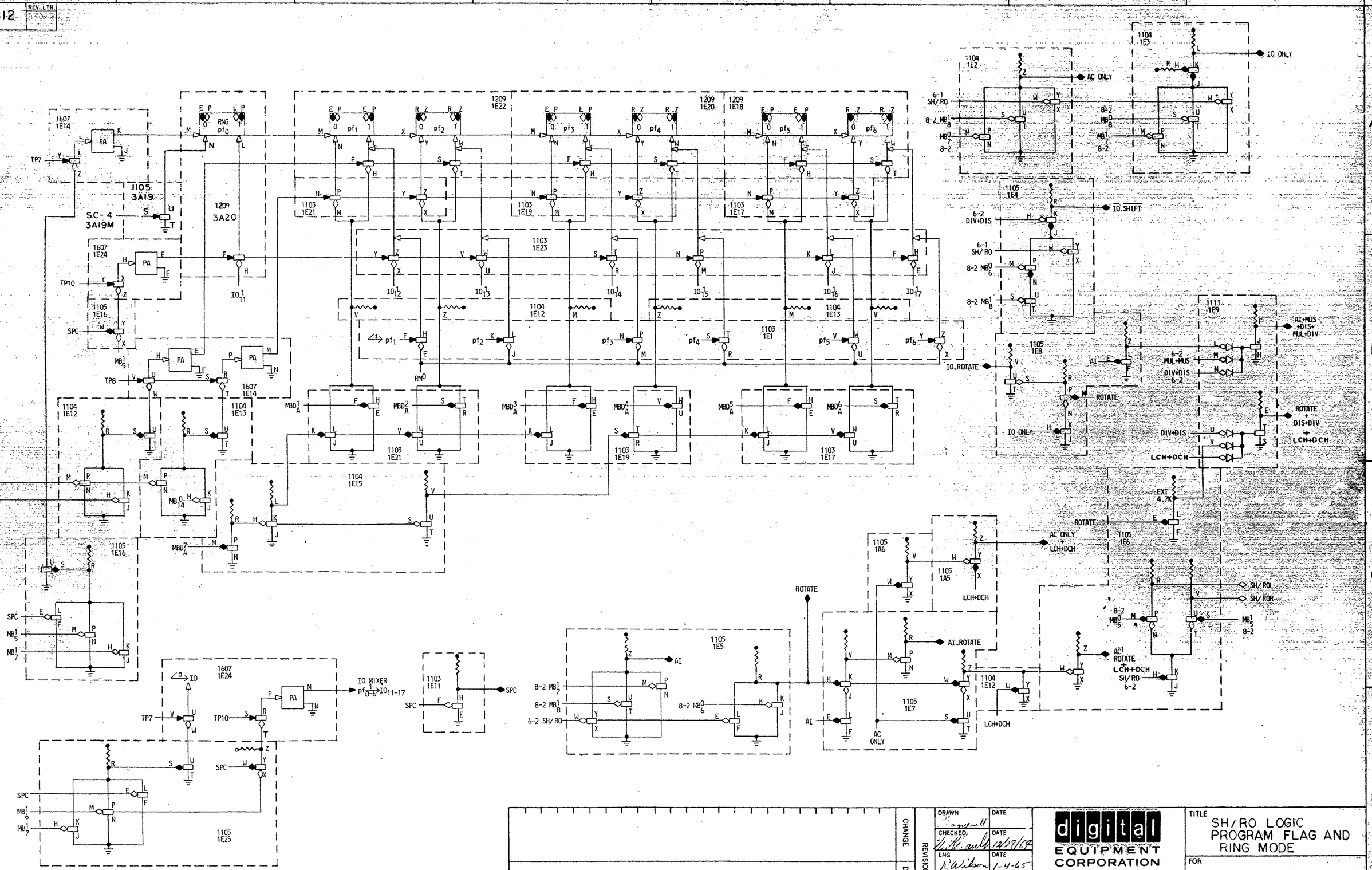
TITLE: SKP, SWP & MID. INST BK LOGIC-SH/RO PULSE GEN.

FOR

ASSY. NO: E-ID-48-1 | CODE: BS | DRWG. NO: D-ID-48-11 | REV. LTR

SHEET | OF

D-ID-48-12

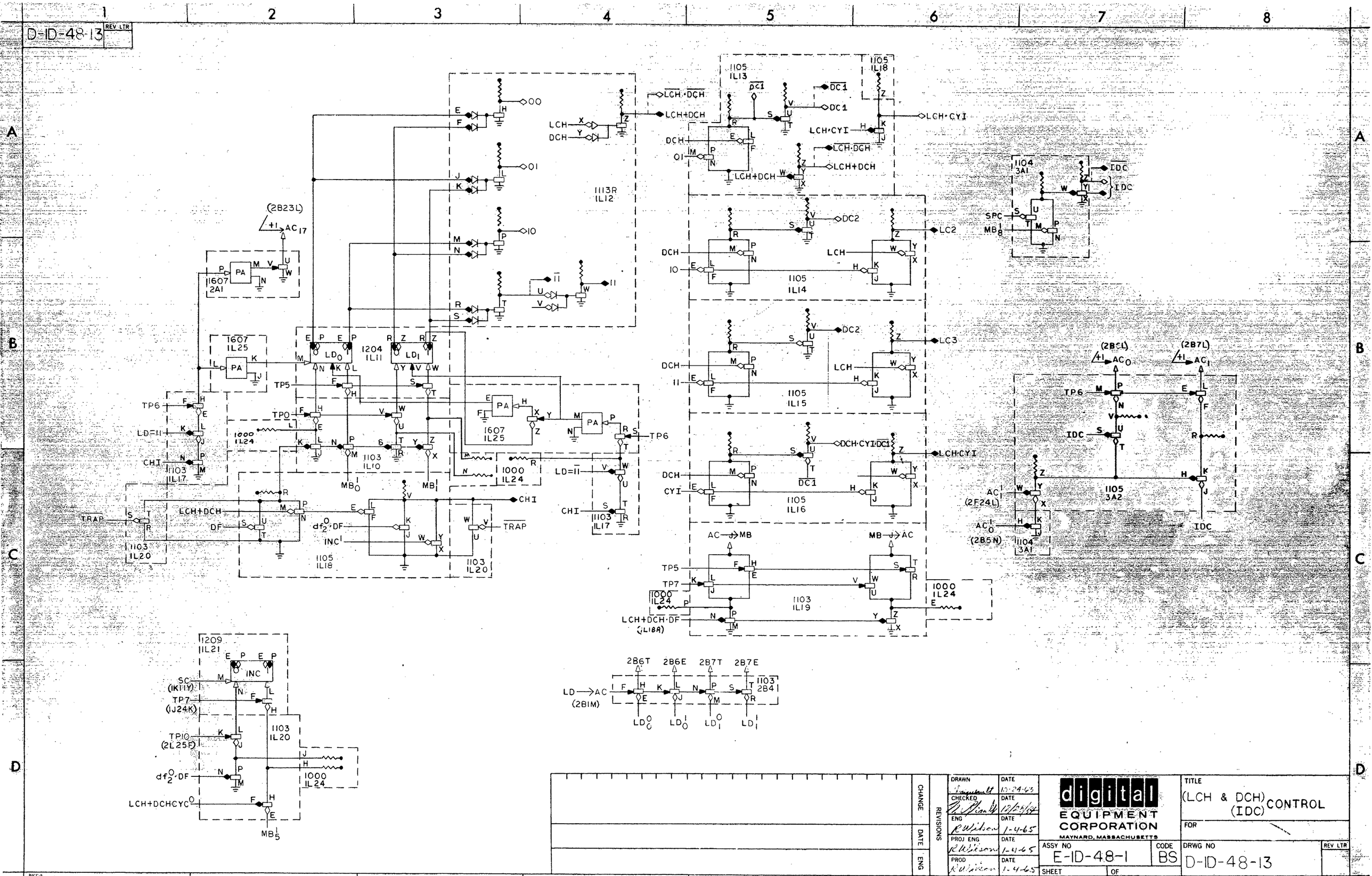


DRAWN		DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE SH/RO LOGIC PROGRAM FLAG AND RING MODE	
CHECKED		DATE 12/29/64		FOR	
ENG R. Wilson		DATE 1-4-65			
PROJ ENG R. Wilson		DATE 1-4-65	ASSY NO E-ID-48-1	CODE BS	DRWG NO D-ID-48-12
PROD R. Wilson		DATE 1-4-65	SHEET	OF	REV LTR

REVISIONS: CHANGE | DATE | ENG

BKE:2

D-ID-48-13 REV LTR



CHANGE	DATE	ENG	REVISIONS	DRAWN	DATE 10-24-63
				CHECKED	DATE 10/25/64
				ENG R Wilson	DATE 1-4-65
				PROJ ENG R Wilson	DATE 1-4-65
				PROD R Wilson	DATE 1-4-65

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

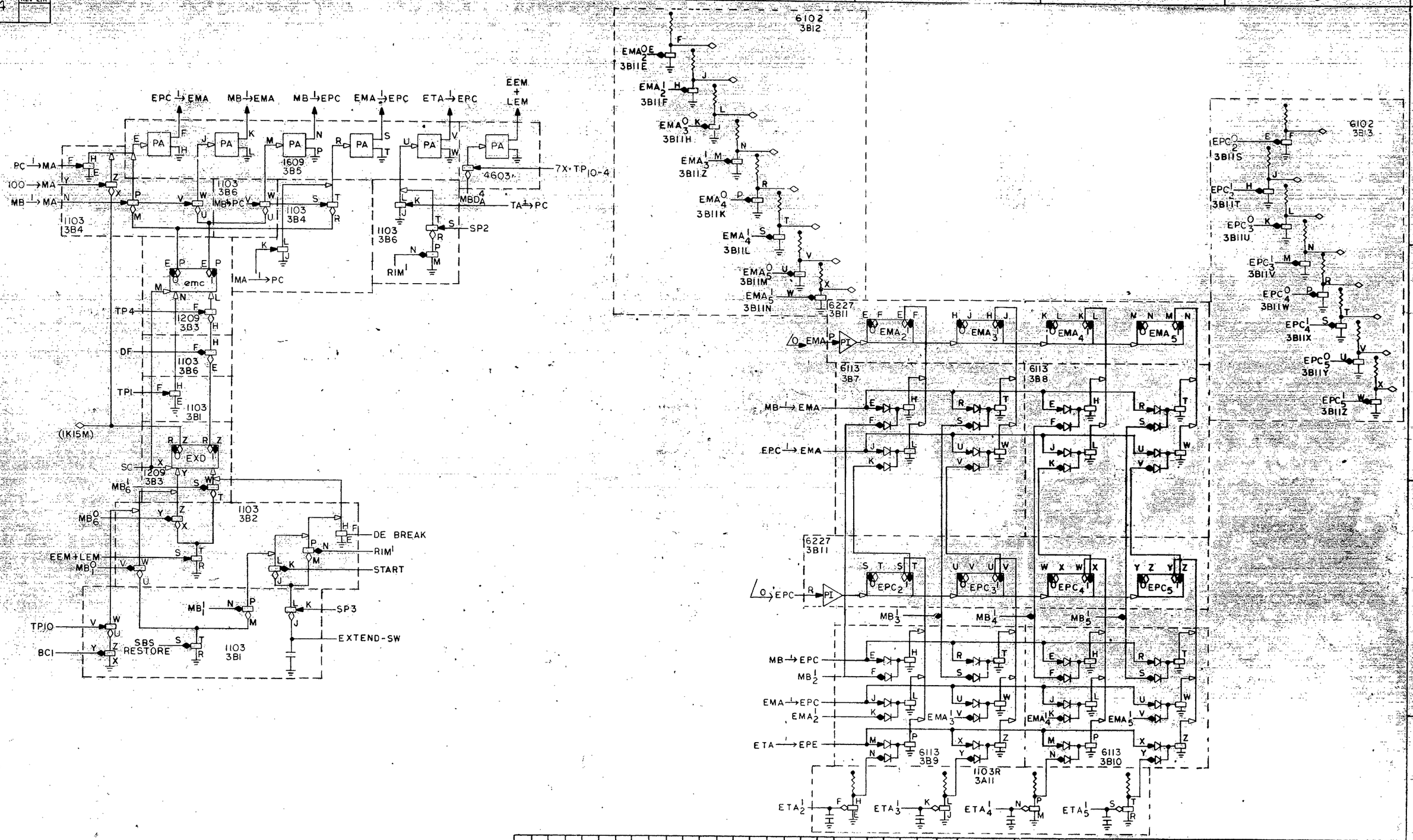
TITLE (LCH & DCH) (IDC) CONTROL

FOR

ASSY NO E-ID-48-1 CODE BS DRWG NO D-ID-48-13 REV LTR

SHEET OF

D-ID-48-14 REV LTR



DRAWN		DATE	
CHECKED	R. Brault	DATE	12/28/64
ENG	R. Wilson	DATE	1-4-65
PROJ ENG	R. Wilson	DATE	1-4-65
PROD	R. Wilson	DATE	1-4-65

CHANGE | DATE | ENG | REVISIONS

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

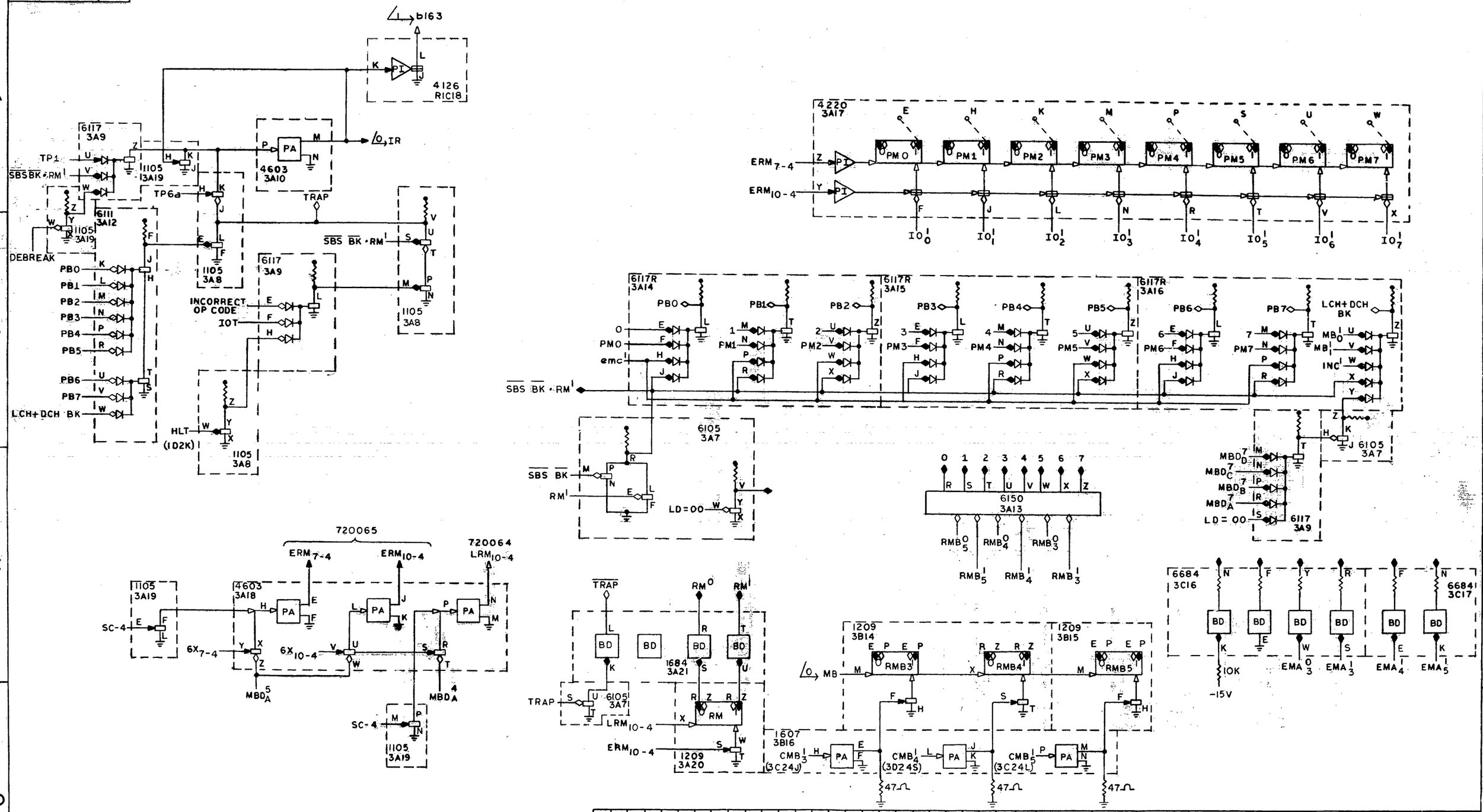
TITLE
MEMORY EXTENSION CONTROL
TYPE 15A

FOR

ASSY NO | CODE BS | DRWG NO D-ID-48-14 | REV LTR

SHEET | OF

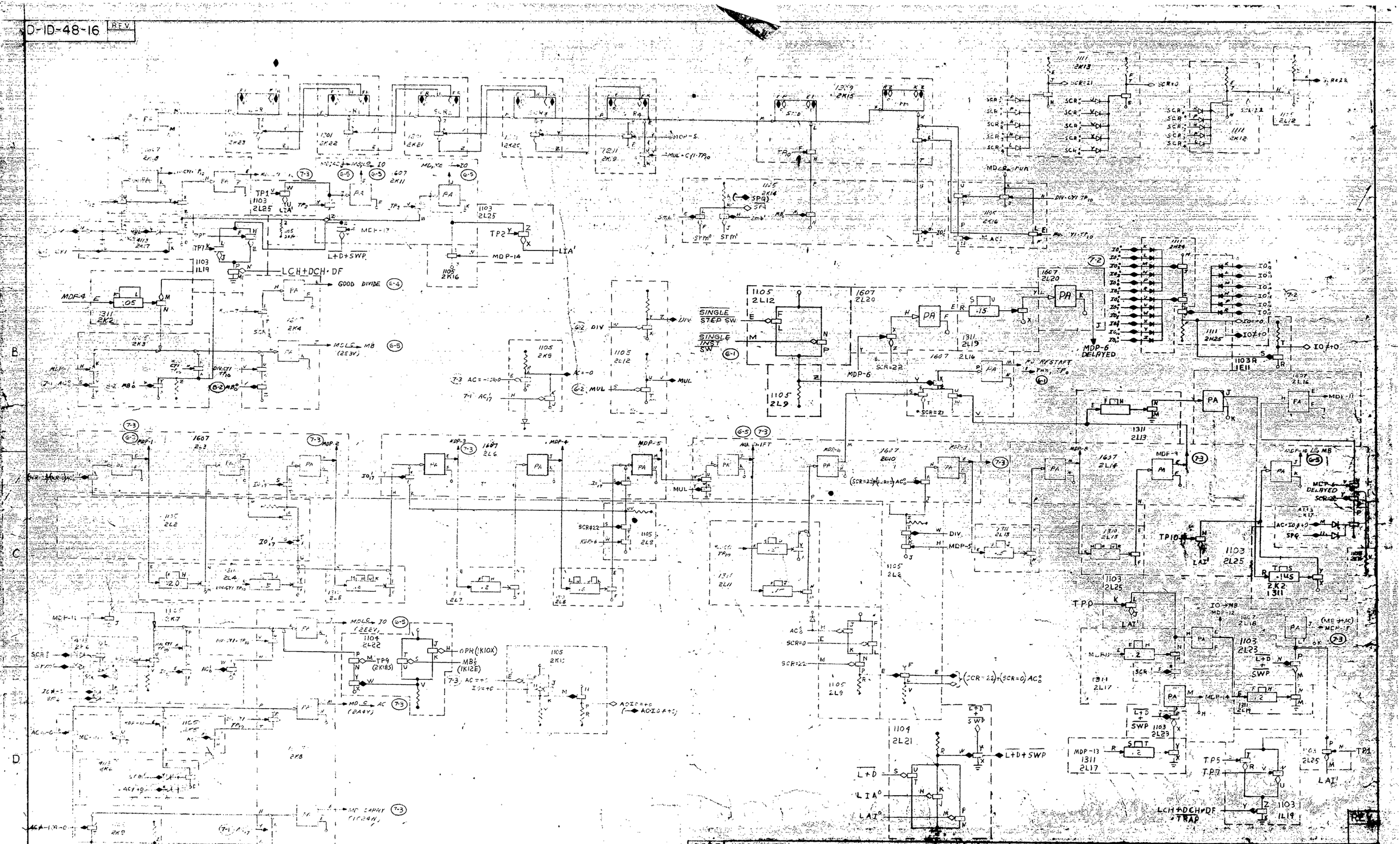
D-ID-48-15 REV LTR



CHANGE	DATE	ENG	REVISIONS			
			DRAWN P. Dauscott	DATE 2-10-63	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE RESTRICT MODE & MEMORY PROTECTION LOGIC
			CHECKED M. Pheault	DATE 12/28/64		FOR
			ENG R Wilson	DATE 1-4-65		
			PROJ ENG R Wilson	DATE 1-4-65	ASSY NO E-ID-48-1	CODE BS
			PROD R Wilson	DATE 1-4-65	SHEET OF	DRWG NO D-ID-48-15 REV LTR

BKE-2

D-ID-48-16 REV

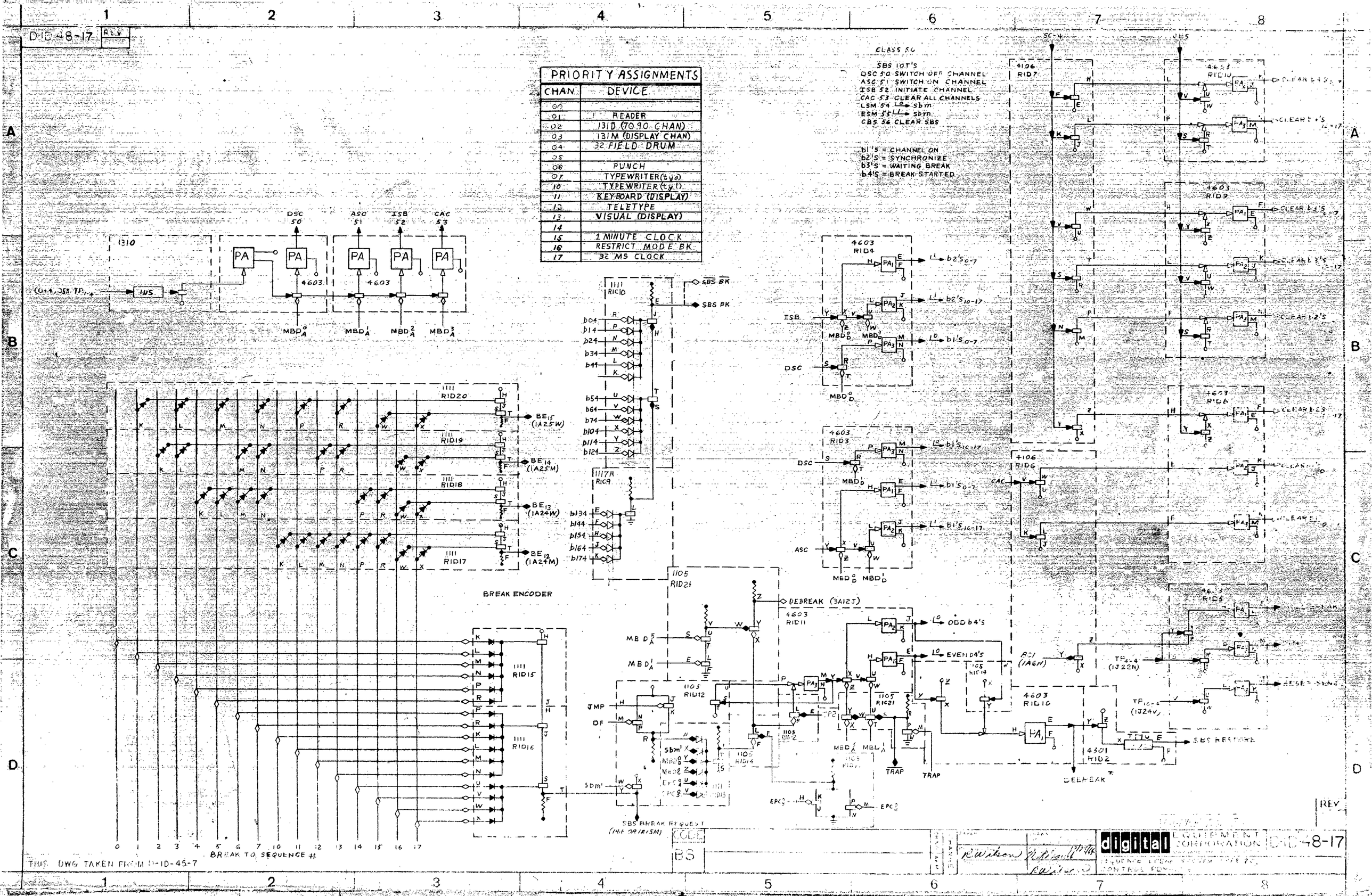


THIS DWG. TAKEN FROM D-21003 REV E-2

CODE					
BS	CHG. NO. / CHANGE	EXPER. / PRODUCTION		EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	D-ID-48-16
				AUTOMATIC MUL/DIV	

D-ID-48-17 REV

PRIORITY ASSIGNMENTS	
CHAN.	DEVICE
00	
01	READER
02	131D (70.90 CHAN)
03	131M (DISPLAY CHAN)
04	32 FIELD DRUM
05	
06	PUNCH
07	TYPEWRITER (tty a)
10	TYPEWRITER (tty 1)
11	KEYBOARD (DISPLAY)
12	TELETYPE
13	VISUAL (DISPLAY)
14	
15	1 MINUTE CLOCK
16	RESTRICT MODE BK
17	32 MS CLOCK



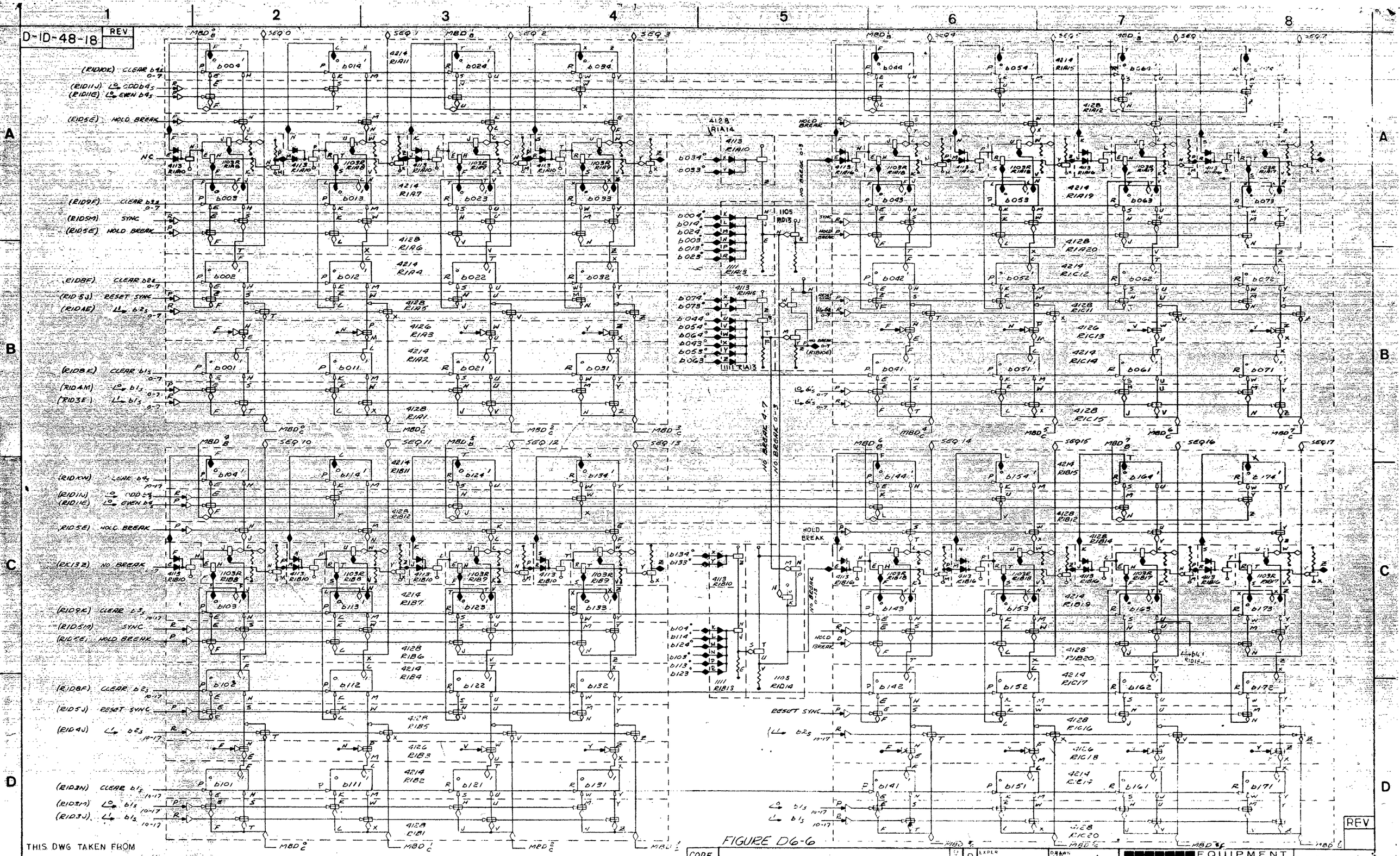
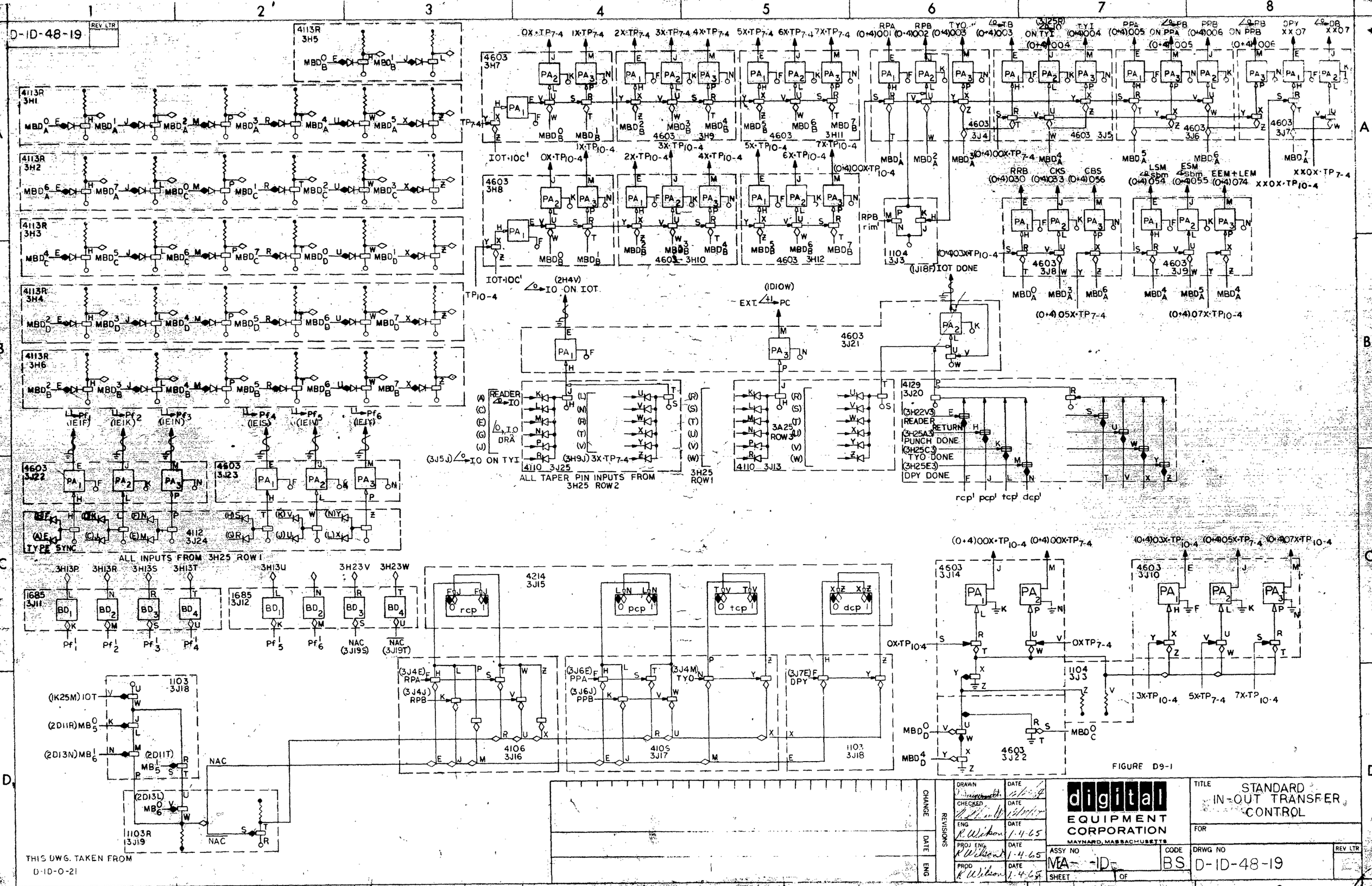

D-ID-48-18
REV
SEQ 0
SEQ 1
SEQ 2
SEQ 3
SEQ 4
SEQ 5
SEQ 6
SEQ 7
SEQ 10
SEQ 11
SEQ 12
SEQ 13
SEQ 14
SEQ 15
SEQ 16
SEQ 17
(R1D10K) CLEAR b4s 0-7
(R1D11J) L0 ODD b4s
(R1D11G) L0 EVEN b4s
(R1D5E) HOLD BREAK
(R1D9F) CLEAR b2s 0-7
(R1D5M) SYNC
(R1D5E) HOLD BREAK
(R1D8F) CLEAR b2s 0-7
(R1D5J) RESET SYNC
(R1D4E) L1 b2s 0-7
(R1D8K) CLEAR b1s 0-7
(R1D4M) L0 b1s 0-7
(R1D3E) L1 b1s 0-7
(R1D10N) CLEAR b4s 10-17
(R1D11N) L0 ODD b4s
(R1D11E) L0 EVEN b4s
(R1D5E) HOLD BREAK
(R1D3Z) NO BREAK
(R1D9K) CLEAR b2s 10-17
(R1D5M) SYNC
(R1D5E) HOLD BREAK
(R1D8F) CLEAR b2s 10-17
(R1D5J) RESET SYNC
(R1D4J) L1 b2s 10-17
(R1D3N) CLEAR b1s 10-17
(R1D3M) L0 b1s 10-17
(R1D3J) L1 b1s 10-17
NO BREAK 0-3
NO BREAK 4-7
THIS DWG TAKEN FROM
D-
CODE
BS
CHANGE
DRAWN
CHECKED
PRODUCTION
R.Wilson
OTHER
digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS
D-ID-48-18
SEQUENCE BREAK SYSTEM TYPE 2
PRIORITY CHAIN
FDP-ID-48
REV

FIGURE D6-6

D-ID-48-19 REV LTR



THIS DWG. TAKEN FROM D-ID-0-21

FIGURE D9-1

DRAWN		DATE	
CHECKED		DATE	
ENG	R. Wilson	DATE	1-4-65
PROJ ENG	R. Wilson	DATE	1-4-65
PROD	R. Wilson	DATE	1-4-65

CHANGE | DATE | ENG — REVISIONS

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

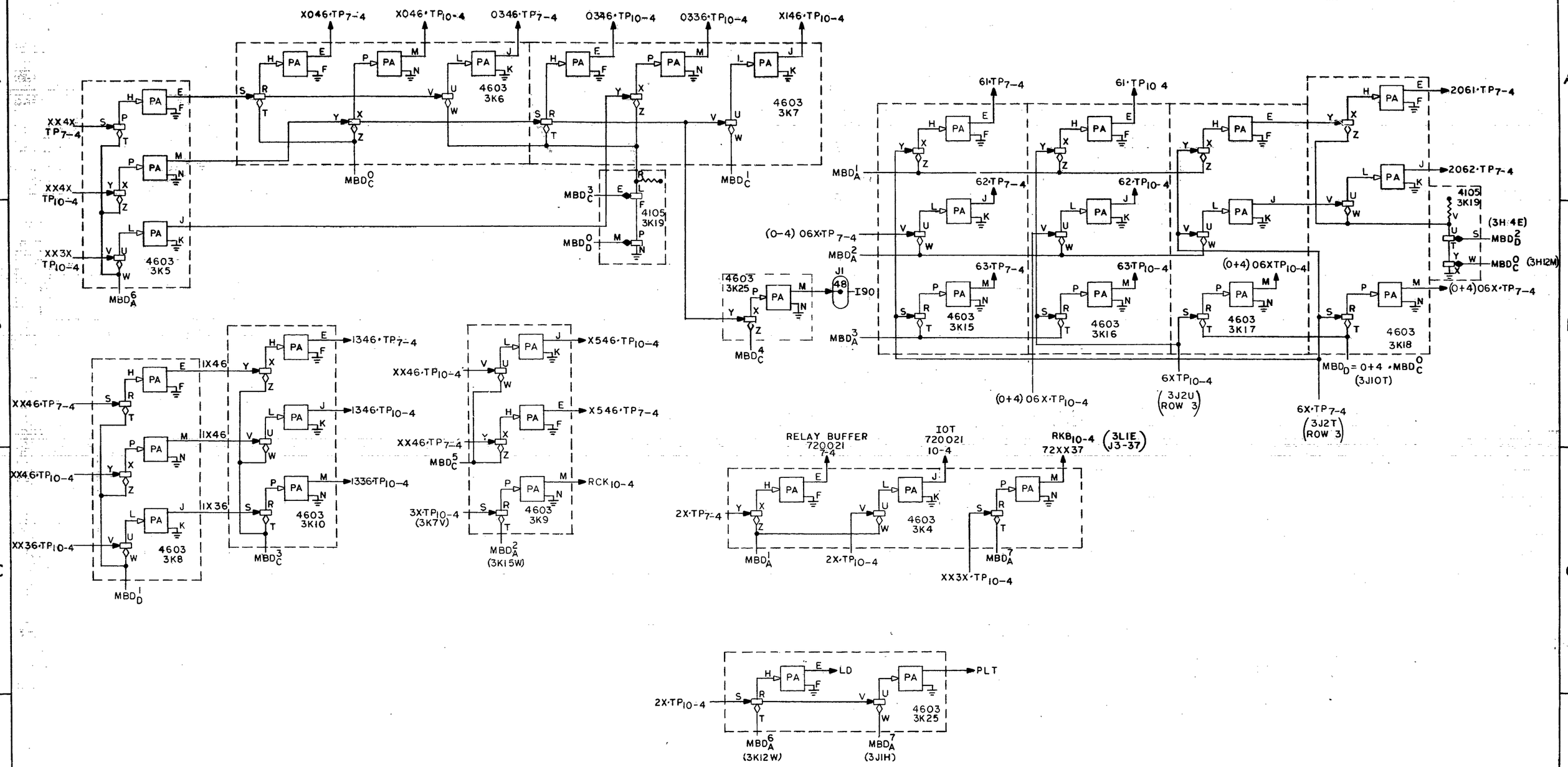
TITLE: STANDARD IN-OUT TRANSFER CONTROL

FOR

ASSY NO: MEA-ID- | CODE: BS | DRWG NO: D-ID-48-19 | REV LTR

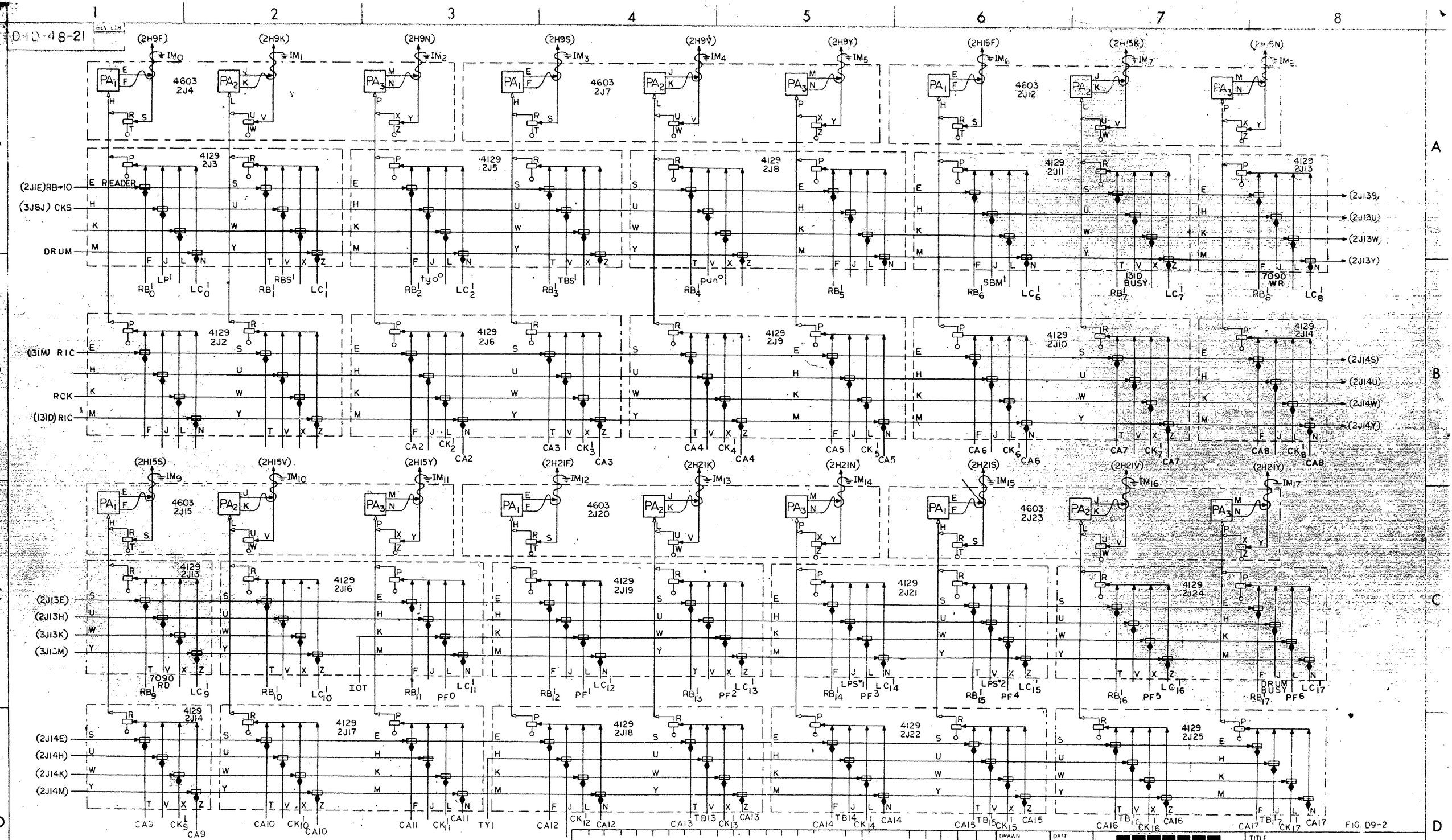
SHEET OF

D-ID-48-20 REV LTR



CHANGE	DATE	ENG	REVISIONS			
			DRAWN P. Rogerkamp	DATE 1-29-63	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE OPTIONAL IN OUT TRANSFER CONTROL
			CHECKED M. Rheault	DATE 12/27/64		FOR
			ENG R W Wilson	DATE 1-4-65	ASSY NO	CODE BS / DRWG NO D-ID-48-20 / REV LTR
			PROJ ENG R W Wilson	DATE 1-4-65	SHEET	OF
			PROD R W Wilson	DATE 1-4-65		

BKE-2



THIS DWG. TAKEN FROM

D-

DRAWN	P. Dougherty	DATE	2-8-64
CHECKED	[illegible]	DATE	[illegible]
ENG.	R. Wilson	DATE	1-4-65
PROJ. ENG.	R. Wilson	DATE	1-4-65
PROD.	R. Wilson	DATE	1-4-65

REVISIONS: CHANGE | DATE | ENG

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

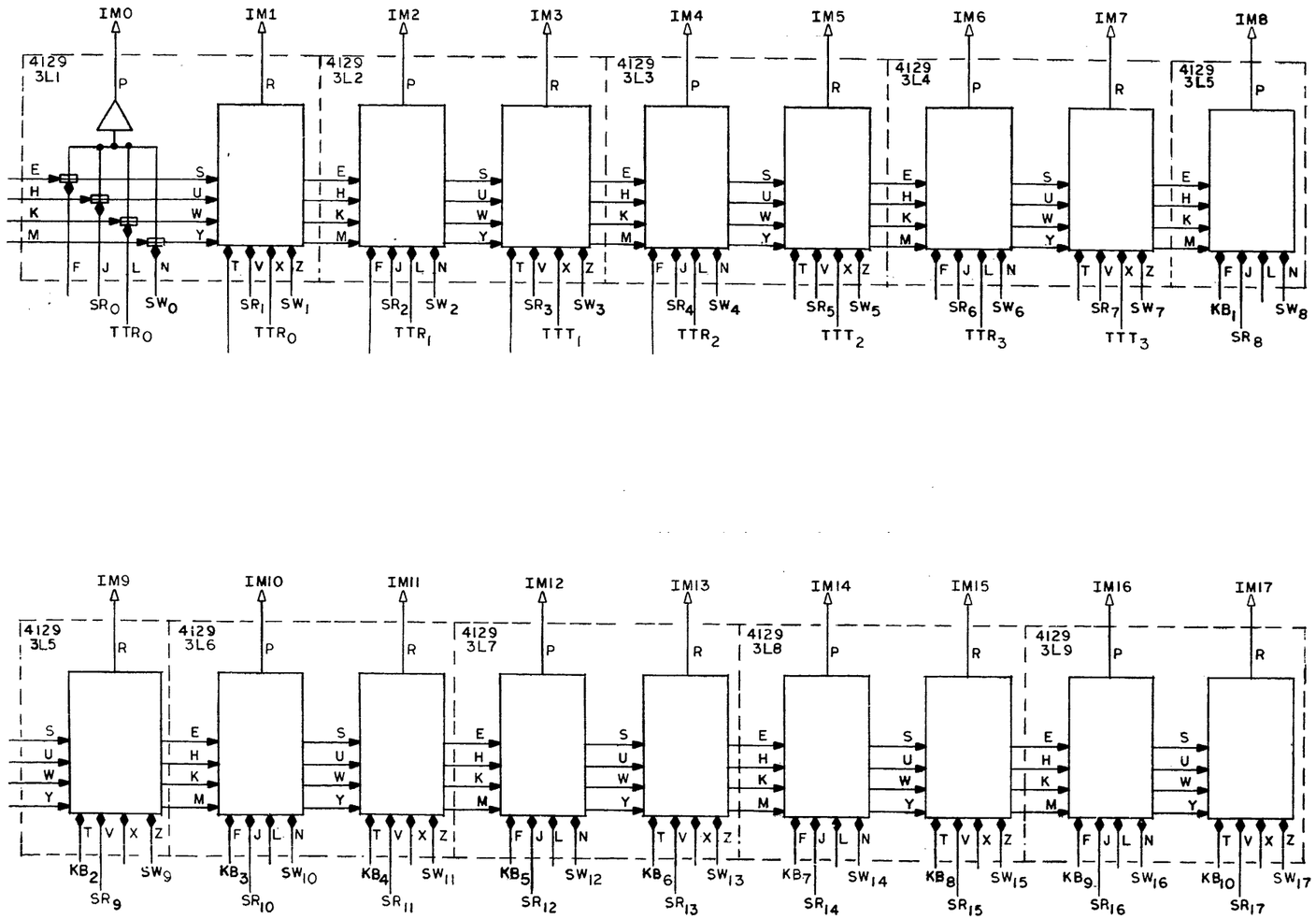
TITLE: IN-OUT INPUT MIXER

FOR

ASSY NO | CODE BS | DRWG NO D-ID-48-21 | REV. LTR

SHEET | OF

D-ID-48-22 REV LTR



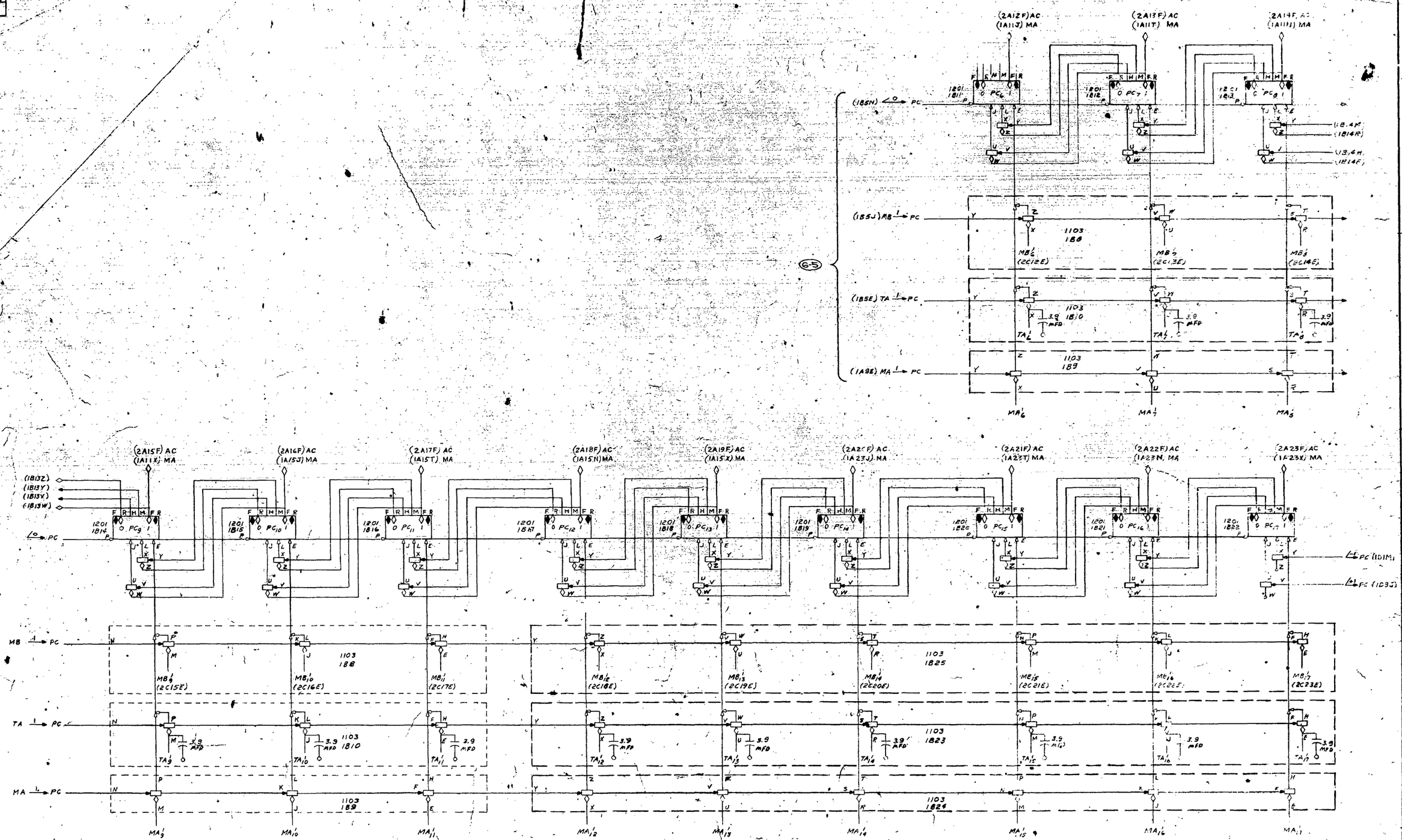
CHANGE	DATE	ENG	REVISIONS	DRAWN	DATE	CHECKED	DATE	ENG	DATE	PROJ ENG	DATE	PROD	DATE
				[illegible]	8-12-69	[illegible]	12/30/69	R Wilson	1-4-65	R Wilson	1-4-65	R Wilson	1-4-65

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

ASSY NO E-ID-48-1 CODE BS
SHEET OF

TITLE IN-OUT MIXER OPTION #1
FOR
DRWG NO D-ID-48-22 REV LTR

BKE-2



NOTES:

1. ALL MA INPUTS COME FROM FIGURE 8-1

THIS DWG. TAKEN FROM D-20009 REV-3

FIGURE D6-3

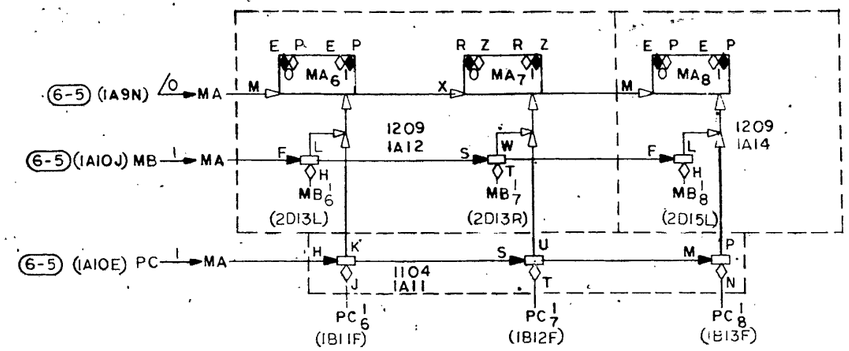
PROGRAM COUNTER

CODE B

digital

D-ID-48-23

D-ID-48-24 REV LTR



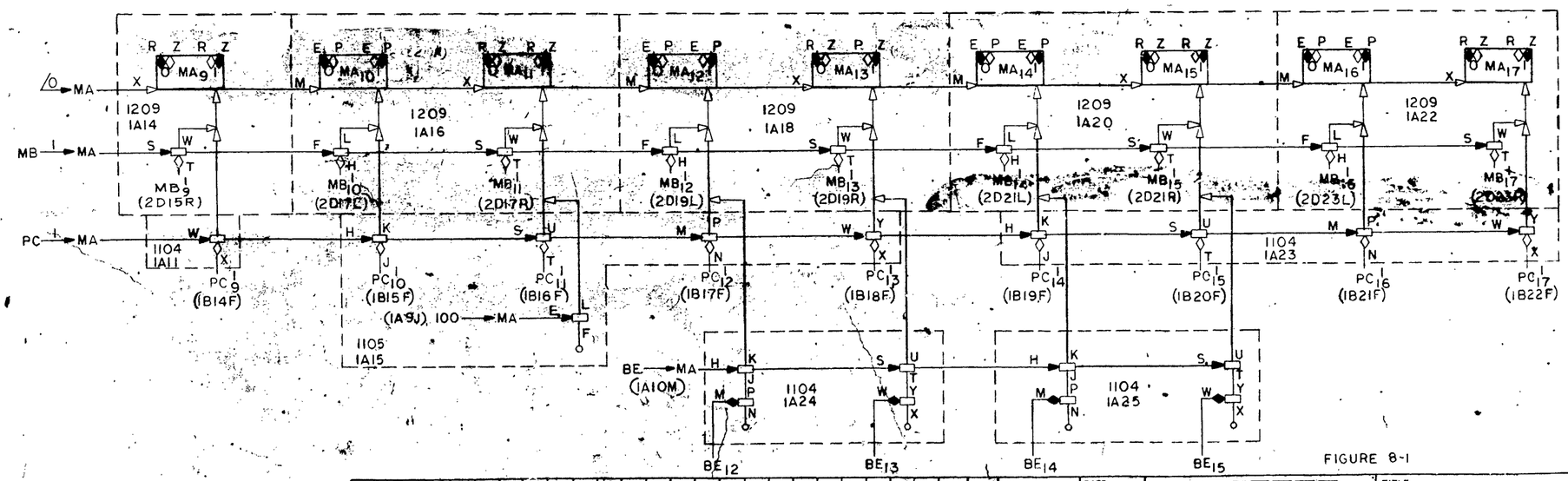


FIGURE 8-1

NOTE:
1A24 / 1A25 PRESENT ONLY IF SBS TYPE 20 CONNECTED

REVISIONS	CHANGE	DATE	ENG

DRAWN		DATE	
CHECKED		DATE	
ENG	R Wilson	DATE	1-4-65
PROJ ENG	R Wilson	DATE	1-4-65
PROG	R Wilson	DATE	

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

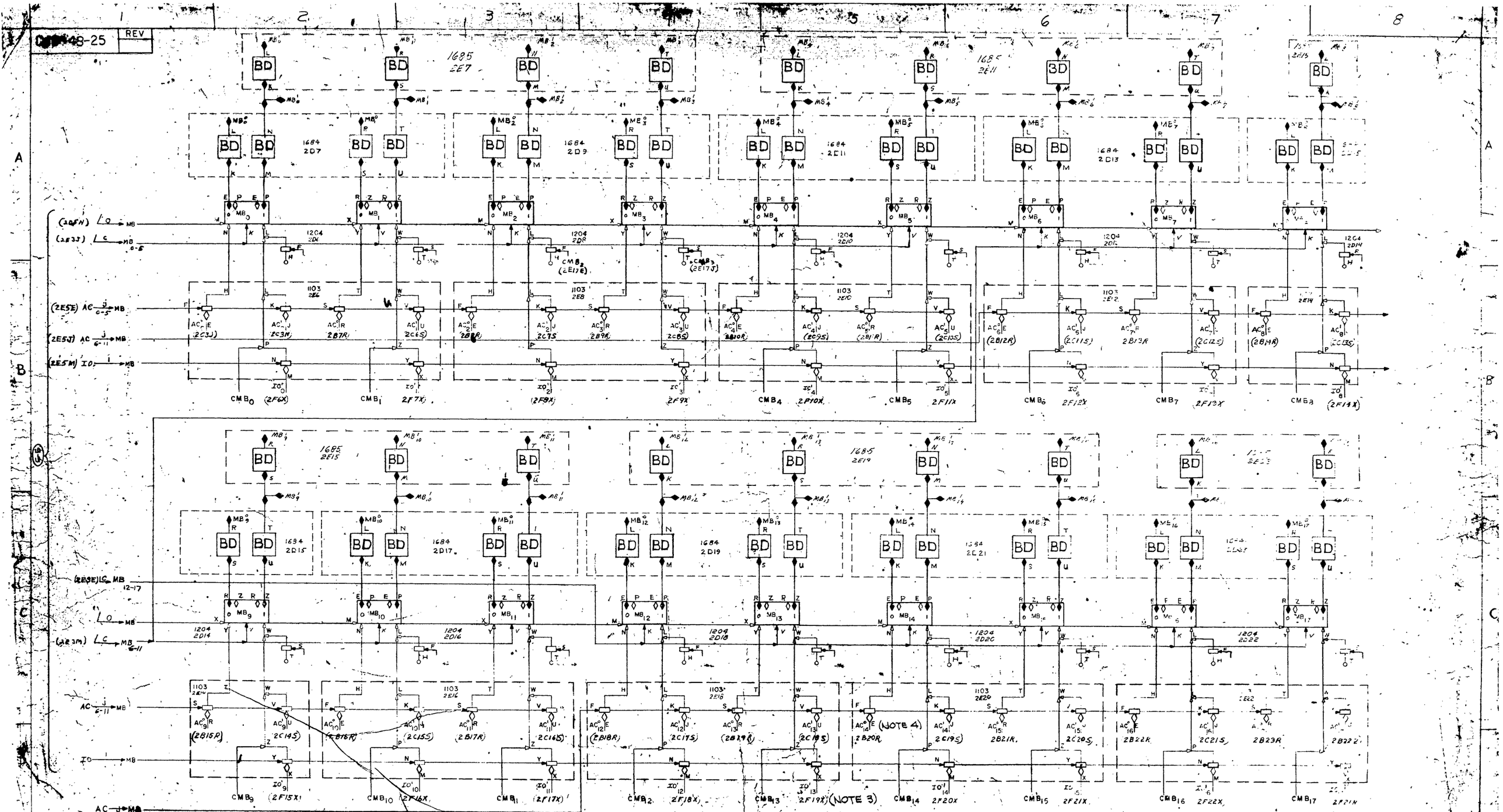
TITLE MEMORY ADDRESS REGISTER

FOR

ASSY NO | CODE BS | DRWG NO D-ID-48-24 | REV LTR

SHEET | OF

THIS DWG. TAKEN FROM D-20003 REV-



NOTES:

1. MBM INPUTS FOR TYPE 15 ONLY
   IF NEITHER TYPE 15 NOR TYPE 19, MBM INPUTS REPLACED BY SENSE AMP OUTPUTS FROM SINGLE MEMORY MODULE.
   IF TYPE 19 BUT NO TYPE 15, MBM INPUTS REPLACED BY HSBM.
2. TYPE 1685 PLUG-IN UNITS FOR HSC OPTION
3. ALL IN-OUT INPUTS FROM (7-2)
4. ALL AC INPUTS FROM (7-1)

FIGURE D8-2

THIS DWG. TAKEN FROM D-20050-B REV-B-2

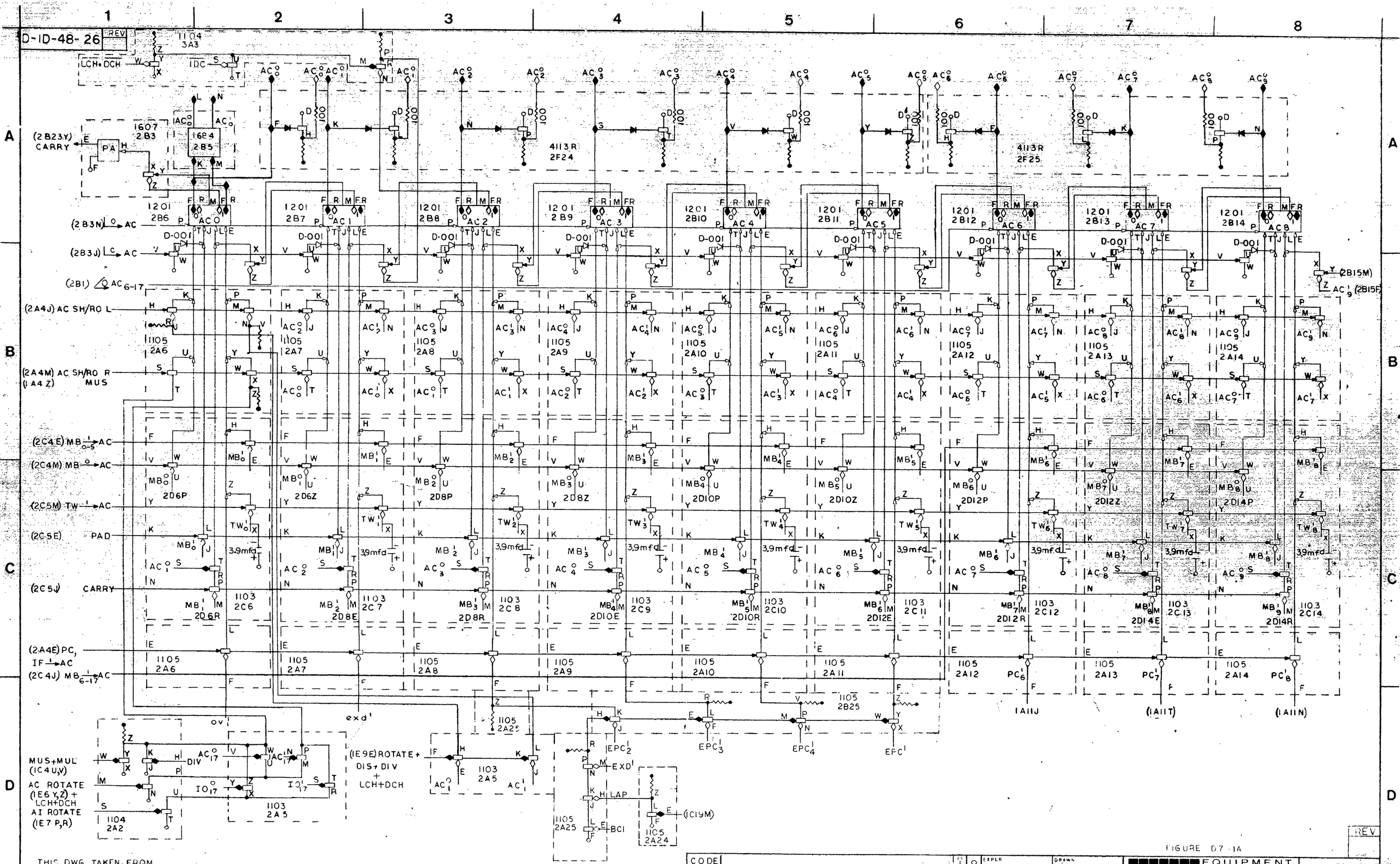
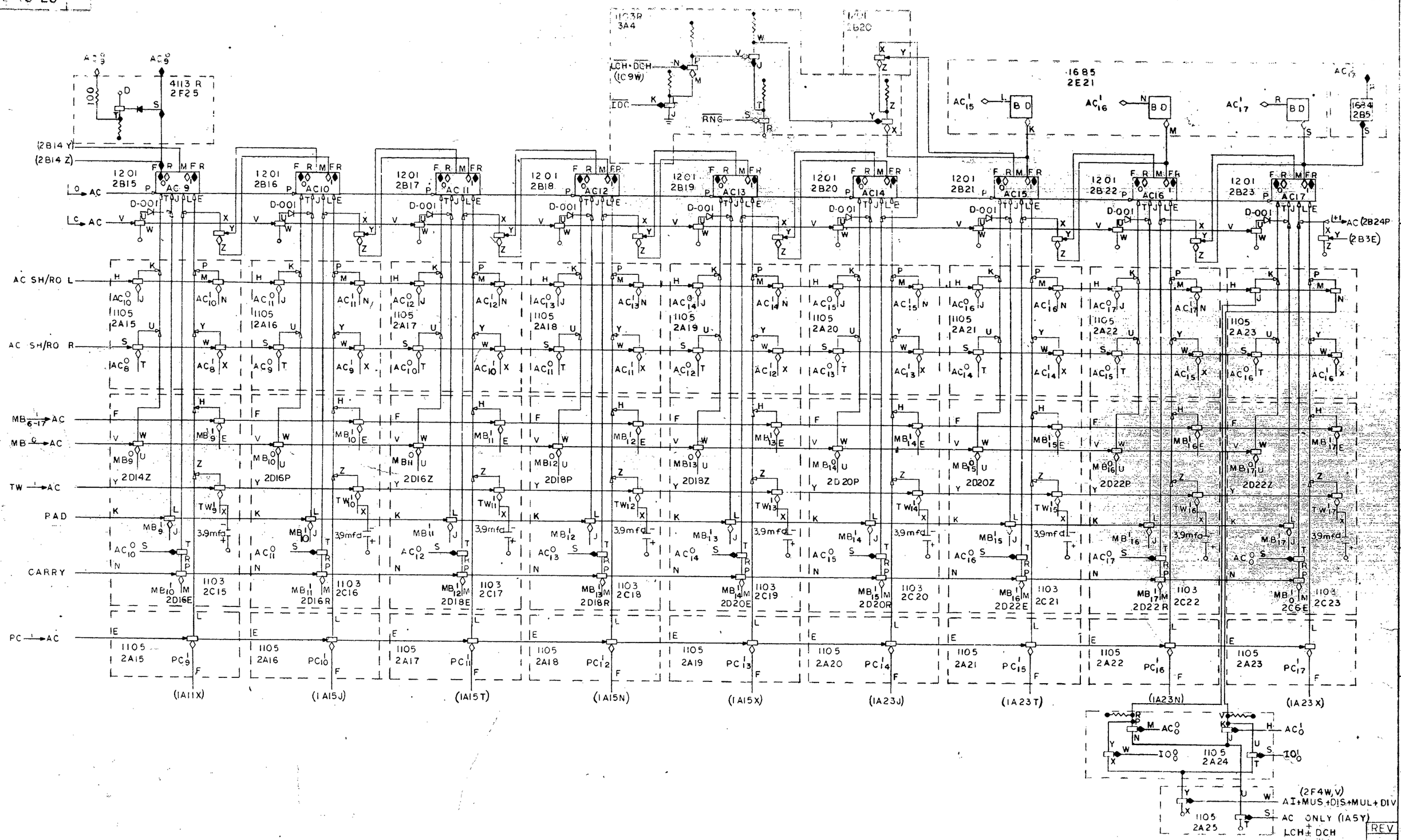


FIGURE D7-1A

CODE		CHANGE				
BS		CS / APP	EXPER / PRODUCTION / OTHER	DRAWN / CHECKED / ENGINEER	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS	D-ID-48-26
			R Wilson		ACCUMULATOR PDP-ID-4	SHEET 1 OF 2

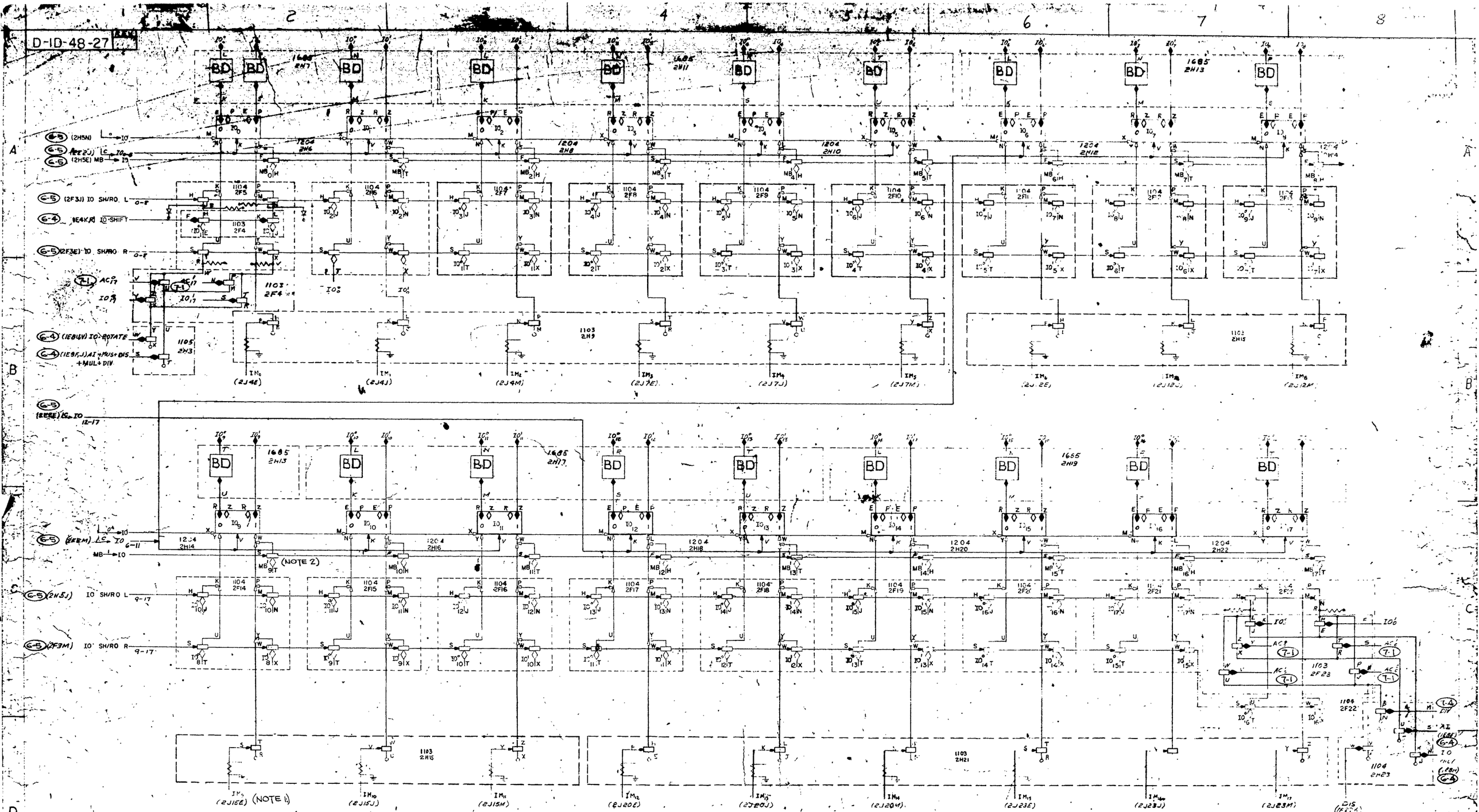


THIS DWG. TAKEN FROM

CODE						
BS		CHANGE	EXPER. / PRODUCTION / OTHER	DRAWN / CHECKED / ENGINEER	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	D-ID-48-26
					ACCUMULATOR	SHEET 2 OF 2

REV

D-ID-48-27

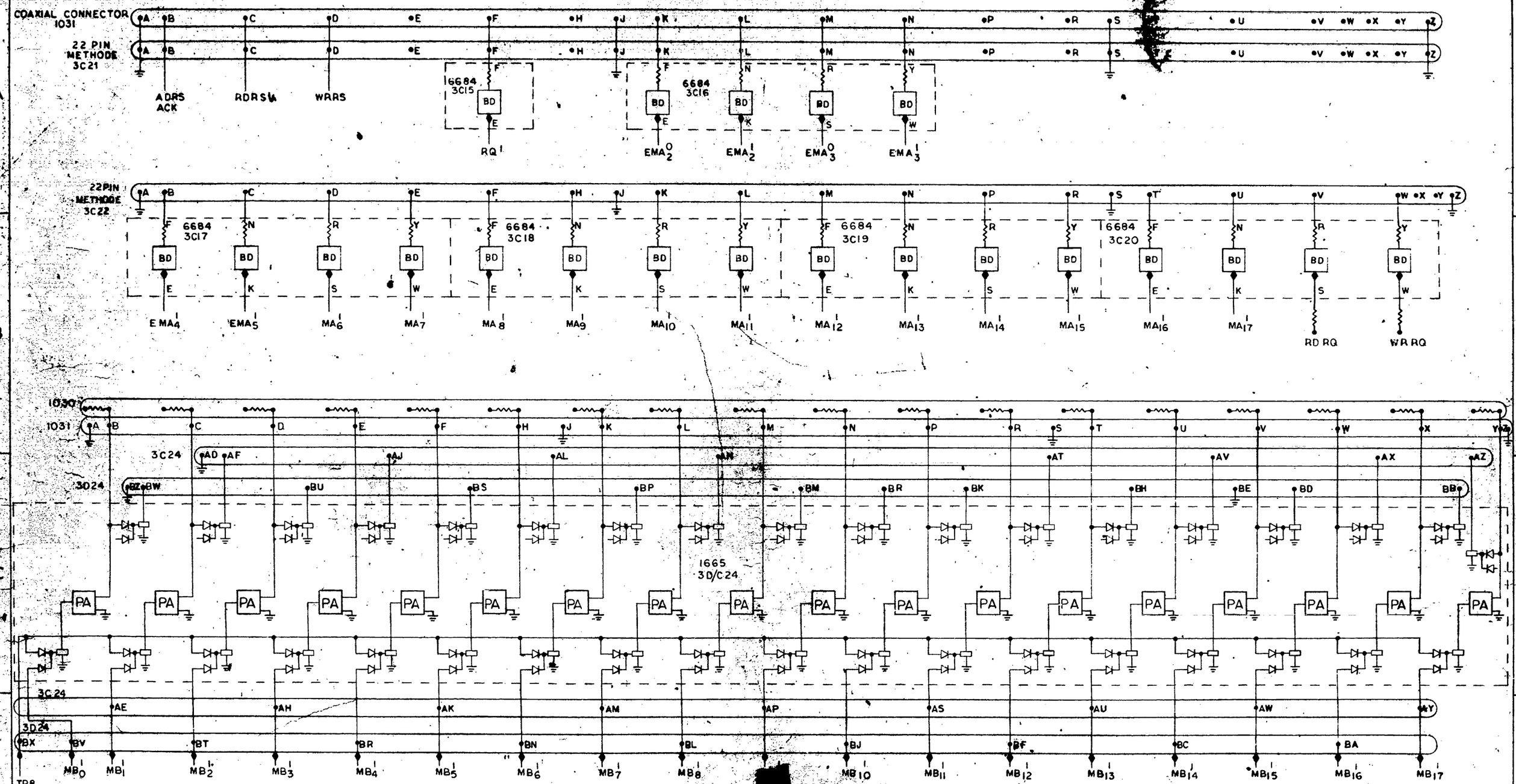


NOTE:
1. ALL INPUT MIXER (IM) INPUTS ARE FROM 9-2
2. ALL MEM BUFFER (MB) INPUTS ARE FROM 8-2

THIS DWG. TAKEN FROM
D-20011-B REV-B

CODE	CHG NO.	APP	CHANGE	EXPER.	DR.	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	D-ID-48-27
BS				PRODUCTION			IO REGISTER	

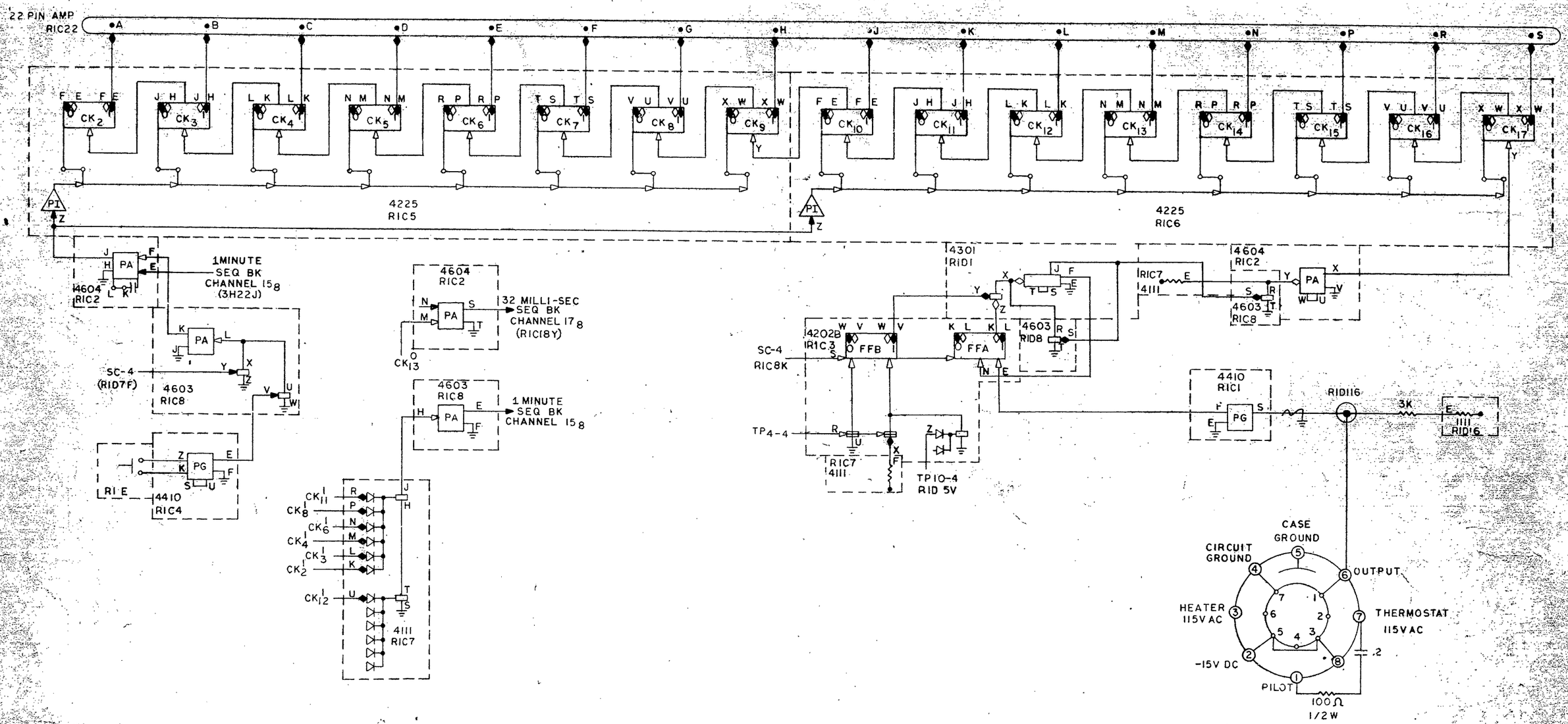
D-ID-48-28 REV LTR



DRAWN B.LUMPKIN	DATE 1-15-64	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE MEMORY BUS INTERFACE
CHECKED M. Ohnell	DATE 1/		FOR
ENG R. Wilson	DATE 1/		
PROJ ENG R. Wilson	DATE 1-4-65	ASSY NO MA- -ID-	CODE BS / DRWG NO D-ID-48-28 / REV LTR
PROG R. Wilson	DATE 1-4-65	SHEET / OF	

CHANGE — DATE — ENG — REVISIONS

D-ID-48-29 REV LTR



1KC CRYSTAL CONTROLLED OSCILLATOR
MODEL-VO-547A

NOTE:
THERMOSTAT REPLACED BY
S.C.R. CIRCUIT.

NOTE:
1. IOT r.ck READ CLOCK 720032
2. BITS ARE NUMBERED BY THEIR RELATION TO THE IO REGISTER INPUT.

DRAWN	DATE	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE CLOCK
CHECKED	DATE		FOR
ENG R Wilson	DATE 1-4-65		
PROJ ENG R Wilson	DATE 1-4-65	ASSY NO MA-	CODE BS / DRWG NO D-ID-48-29 / REV LTR
PROD R Wilson	DATE 1-4-65	SHEET OF	

REVISIONS

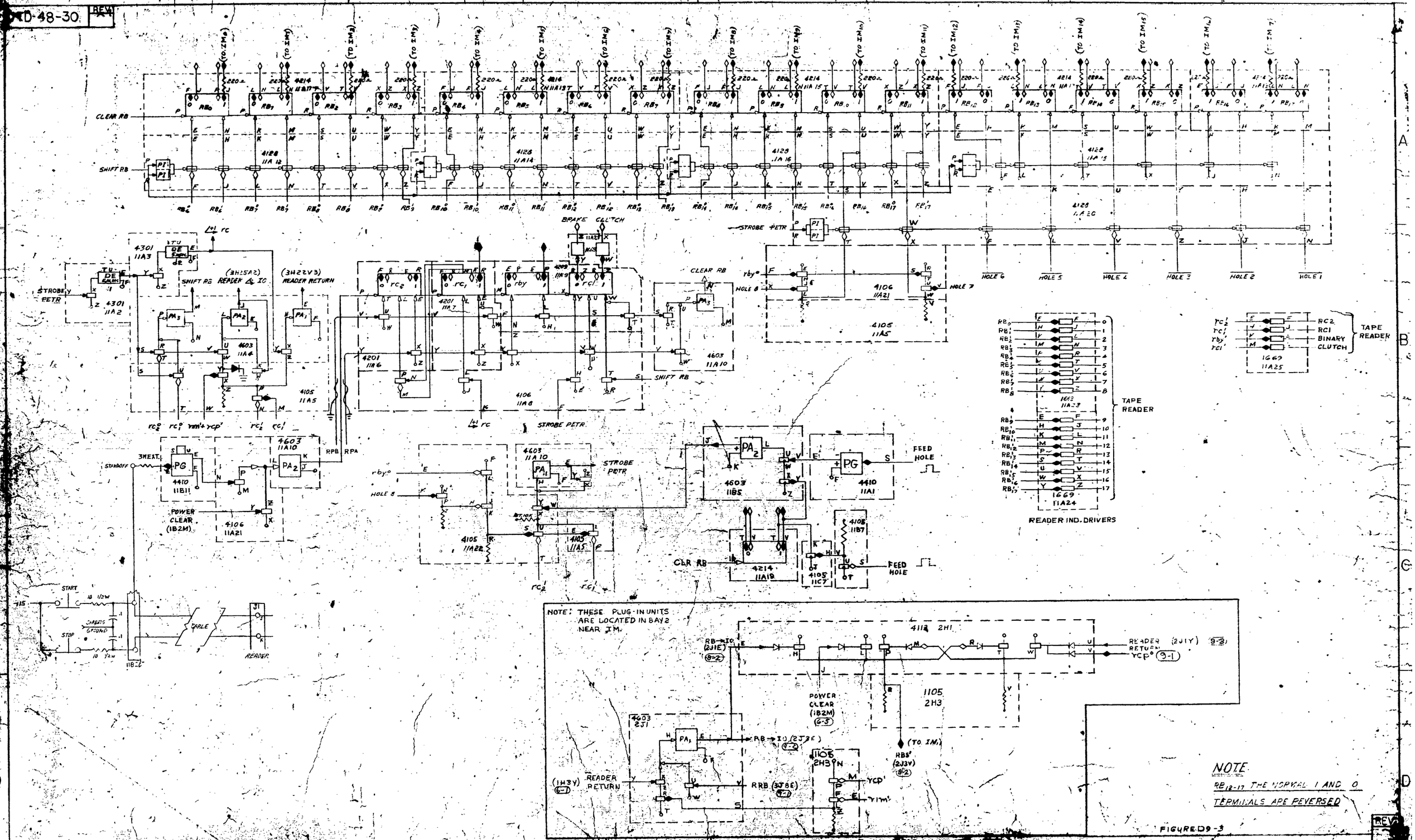
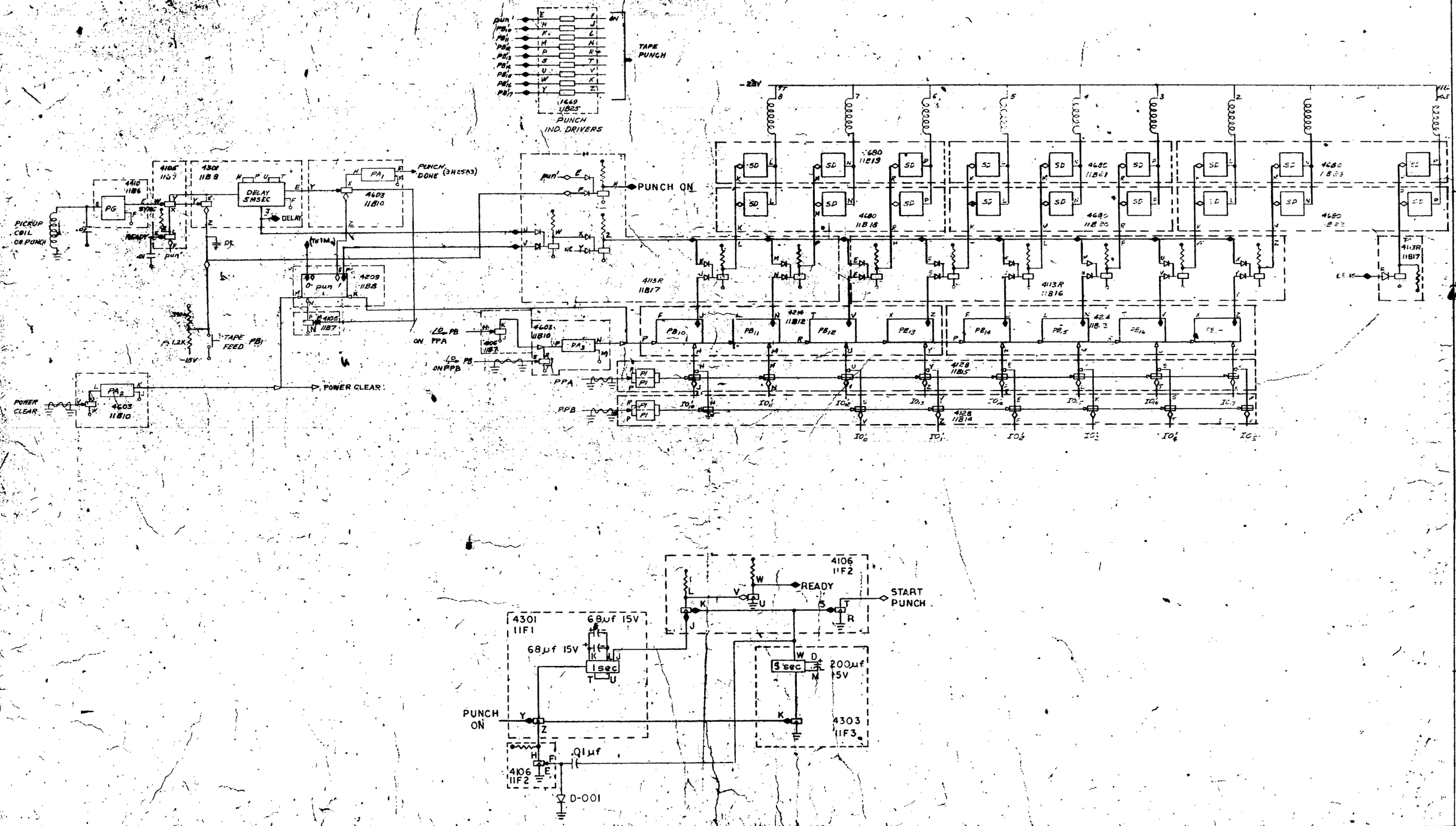


FIGURE D9-3

THIS DWG TAKEN FROM D-2360 3C REV C-1

CODE | READER CONTROL



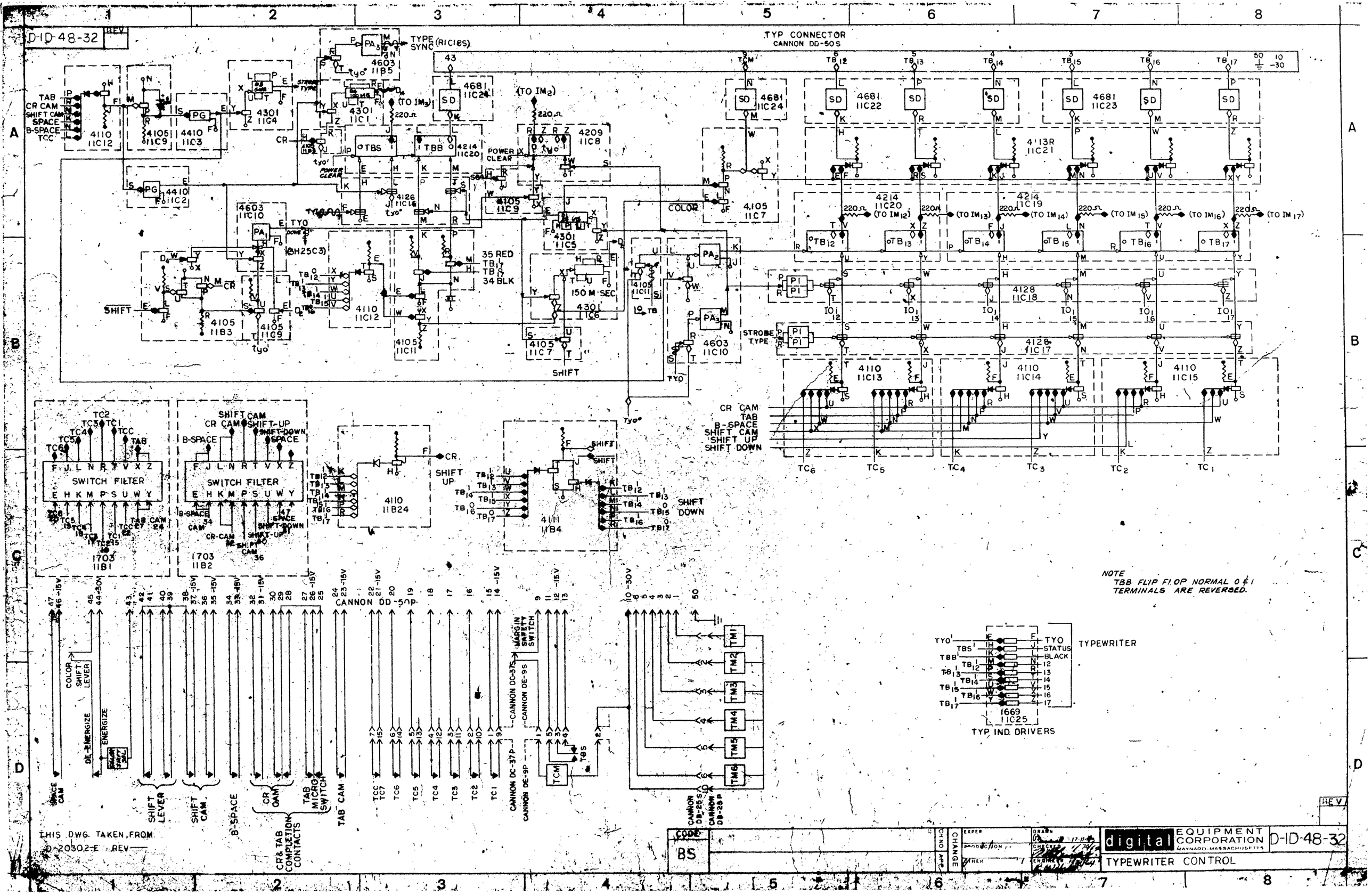
THIS DWG, TAKEN FROM D-2D301 REV-C

FIGURE D9-4

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

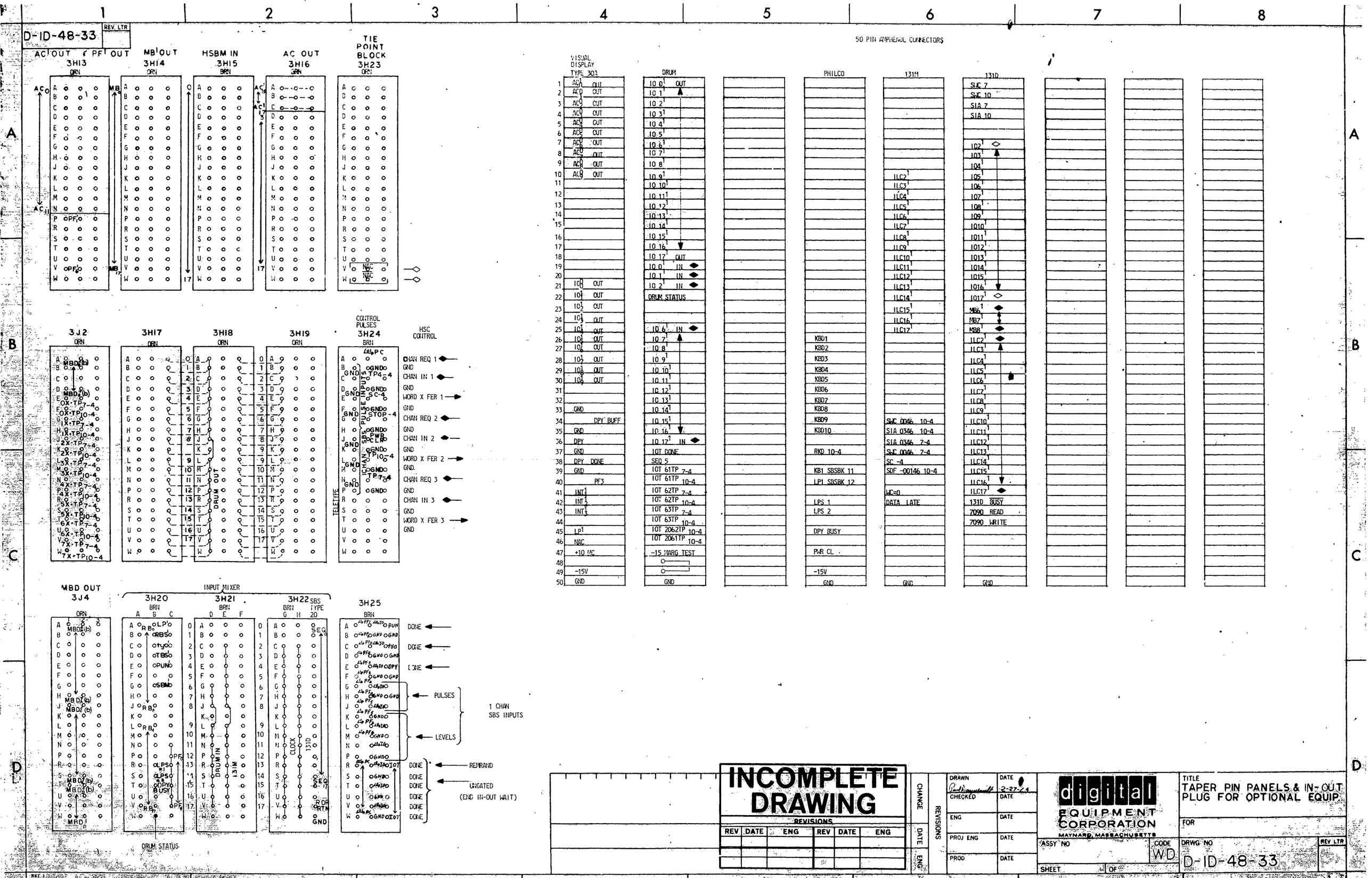
D-ID-48-31

PUNCH CONTROL


D-ID-48-32
REV
TYP CONNECTOR
CANNON DD-50S
TYPE SYNC (R1C18S)
TAB
CR CAM
SHIFT CAM
SPACE
B-SPACE
TCC
4110 11C12
4105 11C9
4410 11C3
4301 11G4
4603 11B5
4301 11C1
4468 11C24
4214 11C20
4209 11C8
4126 11C16
4603 11C10
4105 11C7
4301 11C5
4301 11C6
4110 11C2
4105 11B3
4105 11C11
4110 11C12
4681 11C24
4681 11C22
4681 11C23
4113R 11C21
4214 11C20
4214 11C19
4128 11C18
4128 11C17
4110 11C13
4110 11C14
4110 11C15
4110 11B24
4111 11B4
1703 11B1
1703 11B2
1669 11C25
TYP IND. DRIVERS
TYPEWRITER
TYO
STATUS
BLACK
SWITCH FILTER
SHIFT UP
SHIFT DOWN
CANNON DD-50P
CANNON DC-37S
CANNON DE-9S
CANNON DC-37P
CANNON DE-9P
CANNON DB-25S
CANNON DB-25P
MARGIN SAFETY SWITCH
COLOR SHIFT LEVER
DE-ENERGIZE
ENERGIZE
SPACE CAM
SHIFT LEVER
SHIFT CAM
B-SPACE
CR CAM
TAB MICRO SWITCH
TAB CAM
CR & TAB COMPLETION CONTACTS
THIS DWG. TAKEN FROM D-20302-E REV
NOTE
TBB FLIP FLOP NORMAL 0 & 1 TERMINALS ARE REVERSED.
CODE
BS
CHANGE
EXPER
PRODUCTION
OTHER
DRAWN
CHECKED
ENGINEER
digital EQUIPMENT CORPORATION
MAYNARD-MASSACHUSETTS
D-ID-48-32
TYPEWRITER CONTROL
REV

D-ID-48-33

REV. LTR



INCOMPLETE DRAWING

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

DRAWN	DATE 2-27-74	
CHECKED	DATE	
ENG	DATE	
PROJ ENG	DATE	
PROD	DATE	

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

TITLE TAPER PIN PANELS & IN-OUT PLUG FOR OPTIONAL EQUIP.

FOR

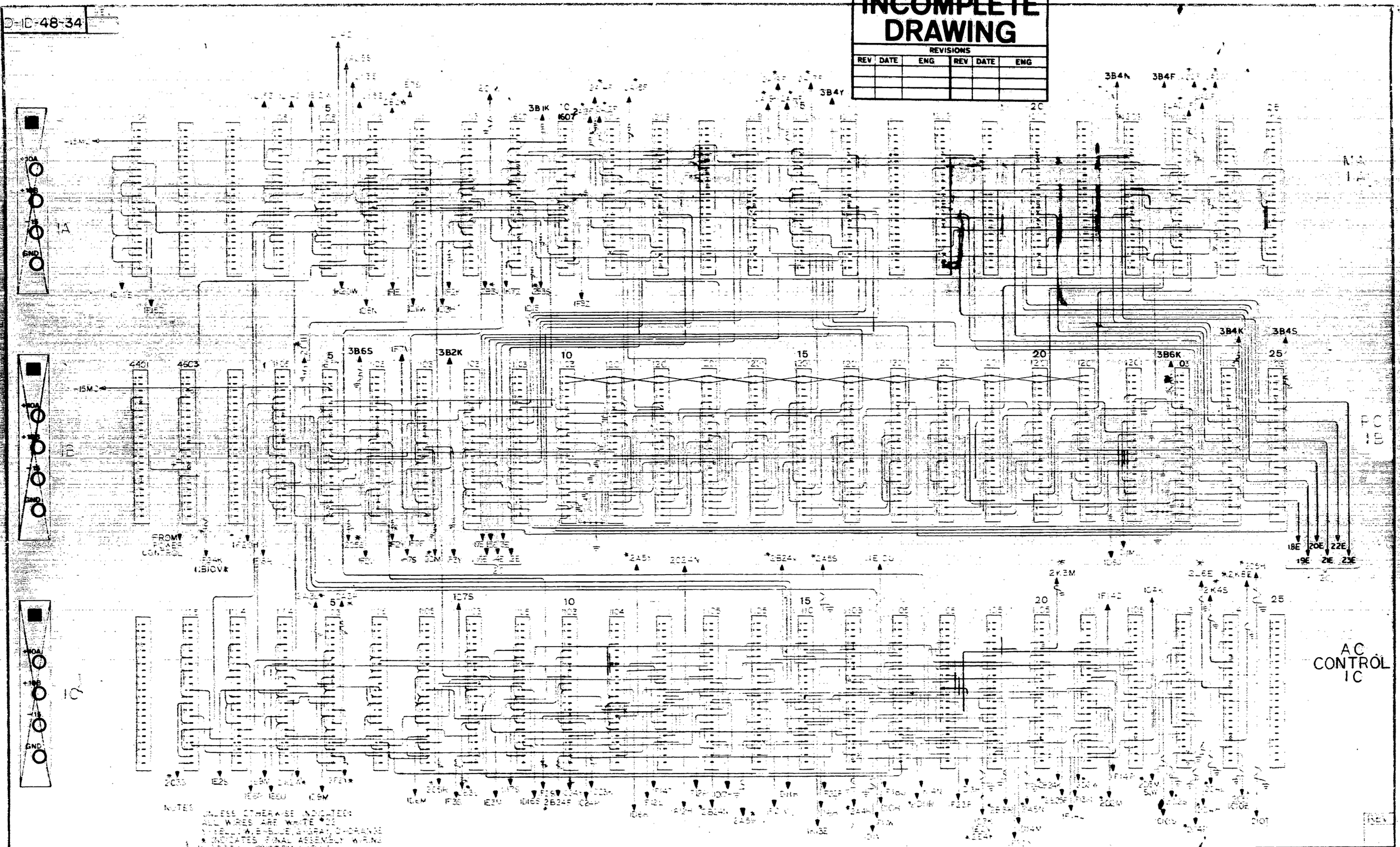
ASSY NO | CODE WD | DRWG NO D-ID-48-33 | REV LTR

SHEET | OF

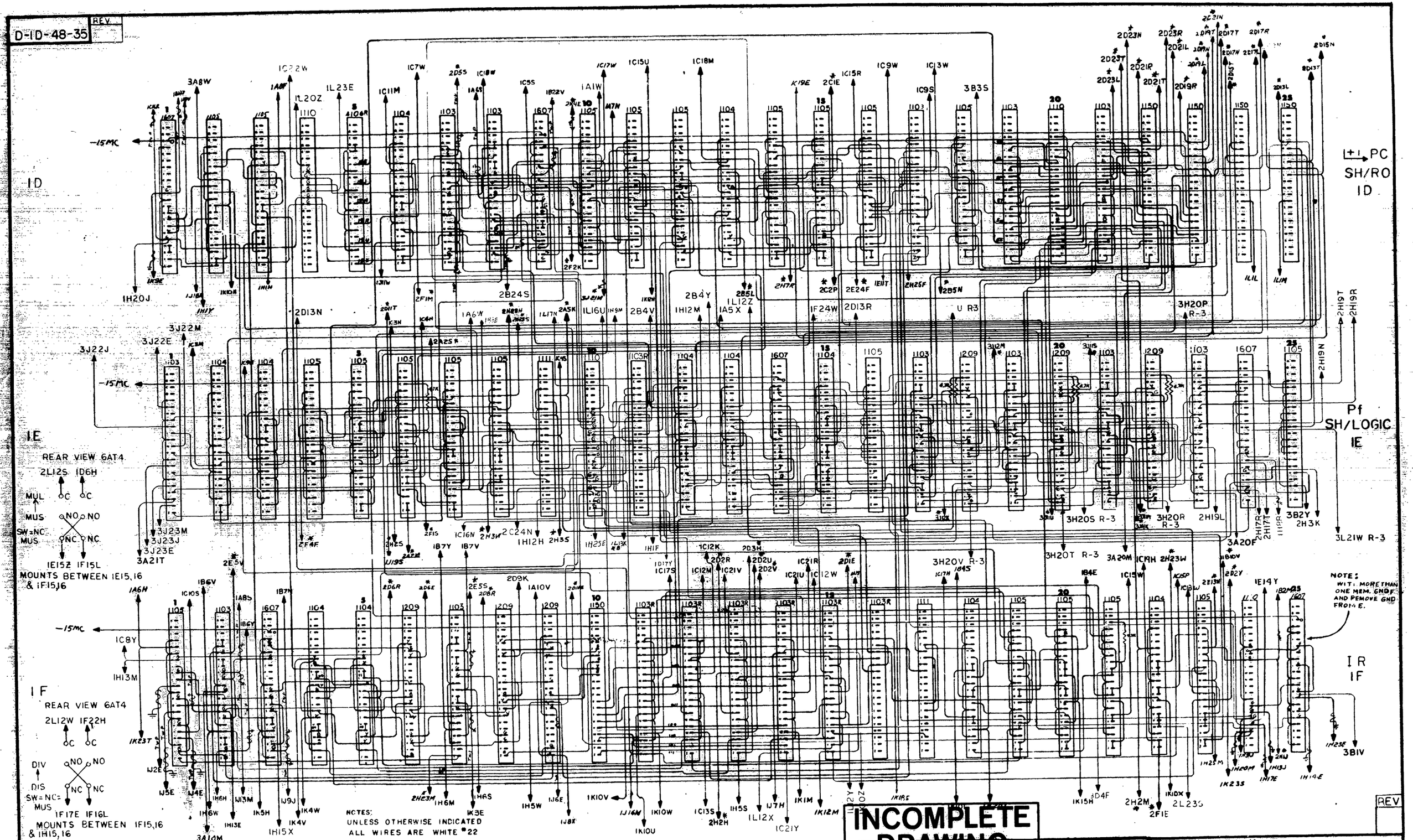
D-ID-48-34

INCOMPLETE DRAWING

REVISIONS					
REV	DATE	ENG	REV	DATE	ENG



D-ID-48-35 REV



INCOMPLETE DRAWING

CODE	REVISIONS					
WD	REV	DATE	ENG	REV	DATE	ENG

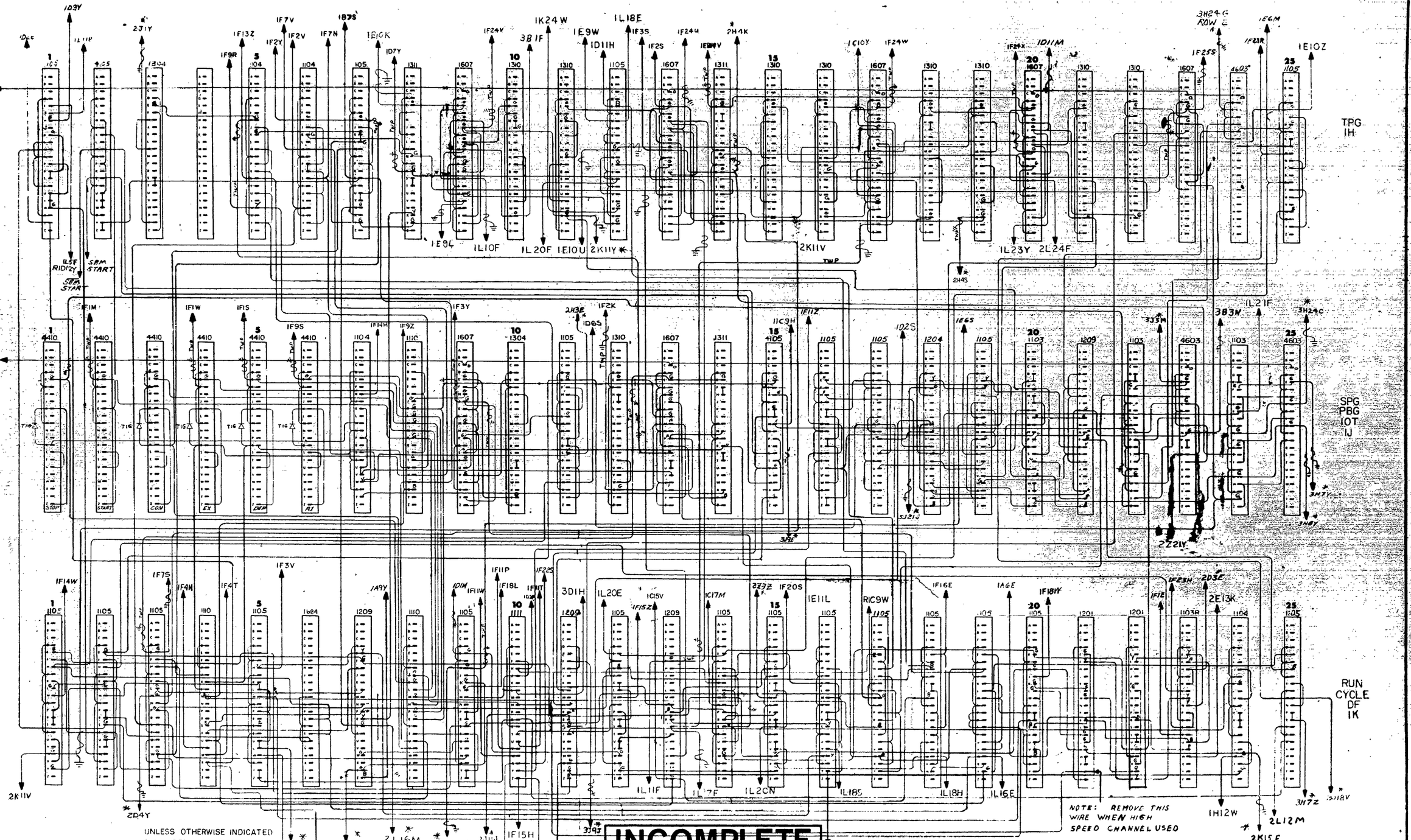
Drawn 2-8-64 · Production · Checked · Engineer

PDP-ID-48
ID-L+1 PC, SH/RO IE-Pf SH/LOGIC, IF-IR

digital

D-ID-48-35

REV



UNLESS OTHERWISE INDICATED
ALL WIRES ARE WHITE #22
Y-YELLOW B-BLUE G-GRAY
# INDICATES FINAL ASSEMBLY WIRING
(*B) BREAK SYSTEM WIRING

THIS DWG. TAKEN FROM
D-20020 REV-M

INCOMPLETE DRAWING

REVISIONS					
REV	DATE	ENG	REV	DATE	ENG

CHANGE: C-NO. APP. EXPER. PRODUCTION OTHER

DRAWN CHECKED ENGINEER

PCP-ID-48
H-TIME PULSES, 1J-PBG, SPG IOT 1K-RUN, CYCLE, DF, BREAK

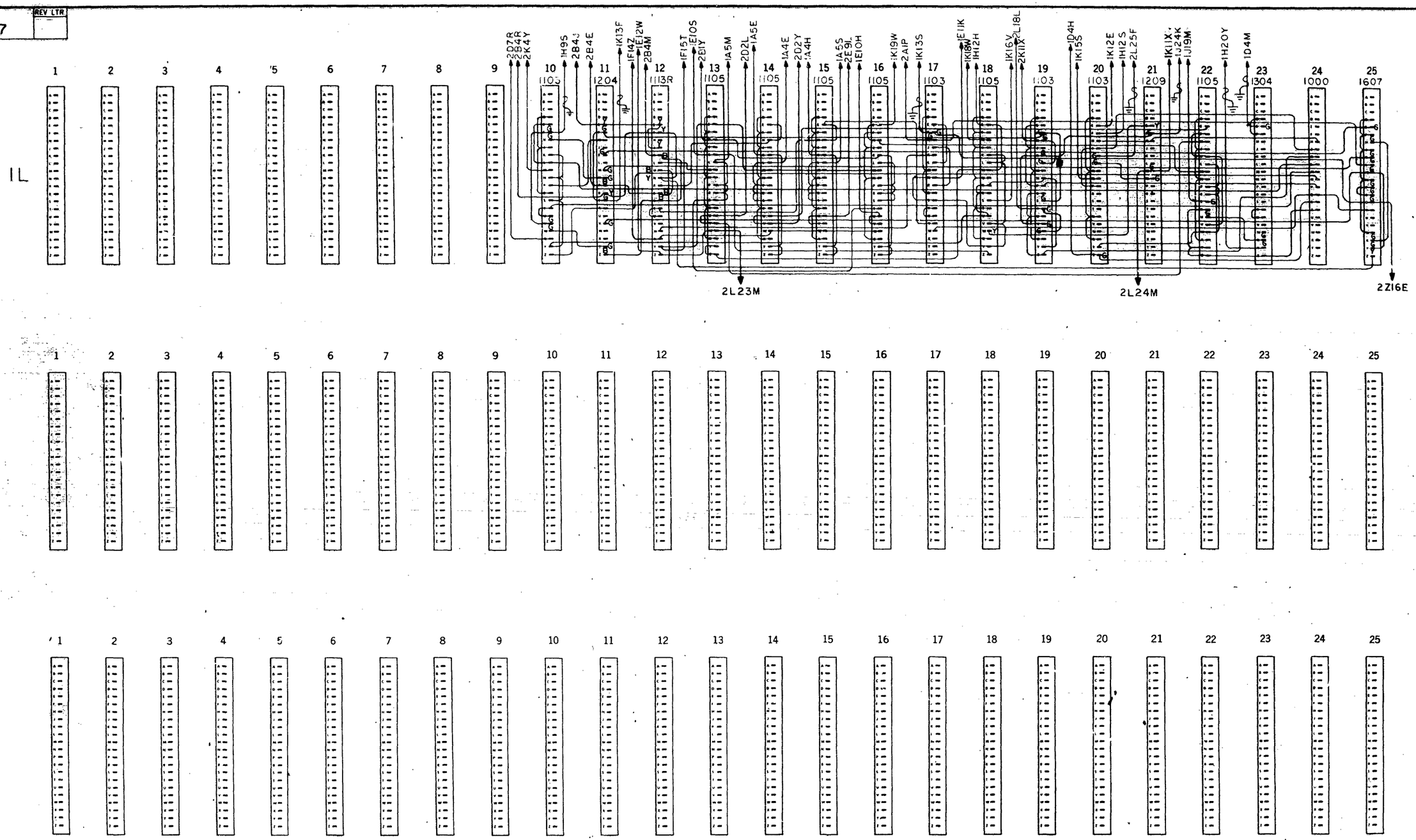
digital EQUIPMENT CORPORATION

D-ID-48-36

REV

D-ID-48-47

REV LTR



WIRING LAYOUT
TYPES

INCOMPLETE DRAWING

REVISIONS					
REV	DATE	ENG	REV	DATE	ENG

CHANGE | DATE | ENG. | REVISIONS

DRAWN	DATE 2-16-65
CHECKED	DATE
ENG	DATE
PROJ ENG	DATE
PROD	DATE

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

ASSY NO | CODE W.D | SCALE | SHEET | OF

TITLE RACK IL
LCH & DCH CONTROL

FOR

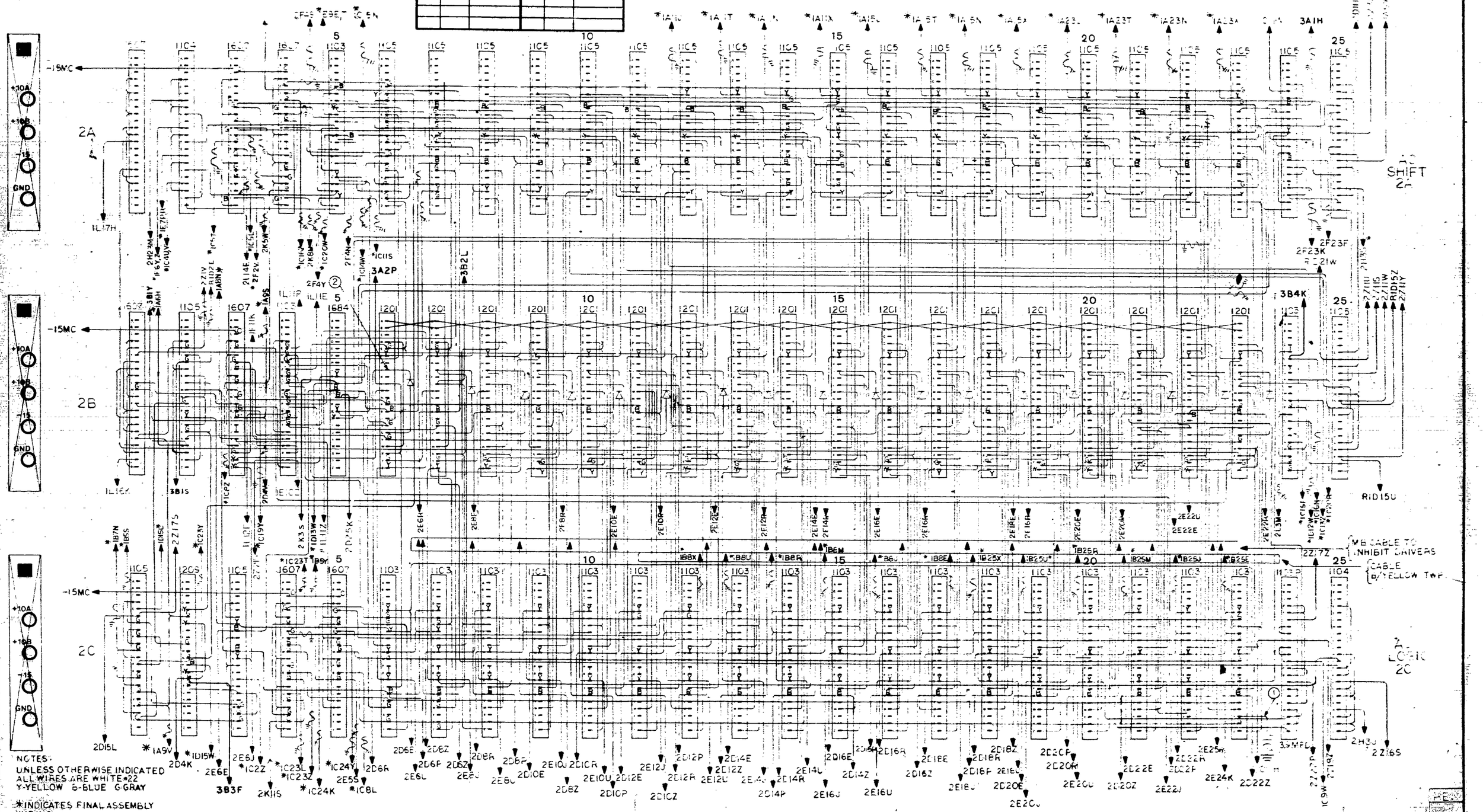
DRWG NO D-ID-48-37

REV LTR

DHD-48-38

INCOMPLETE DRAWING

REVISIONS					
REV	DATE	ENG	REV	DATE	ENG



NOTES:
UNLESS OTHERWISE INDICATED ALL WIRES ARE WHITE #22
Y-YELLOW B-BLUE G-GRAY

*INDICATES FINAL ASSEMBLY WIRING

① SOCKETS 2C6-2C23 HAVE 3.9 µf CAPACITOR TO GND ON PIN X.

② SOCKETS 2B6-2B23 HAVE D-003 DIODE FROM PIN J TO PIN U.

THIS DWG. TAKEN FROM D-20019 REV-E

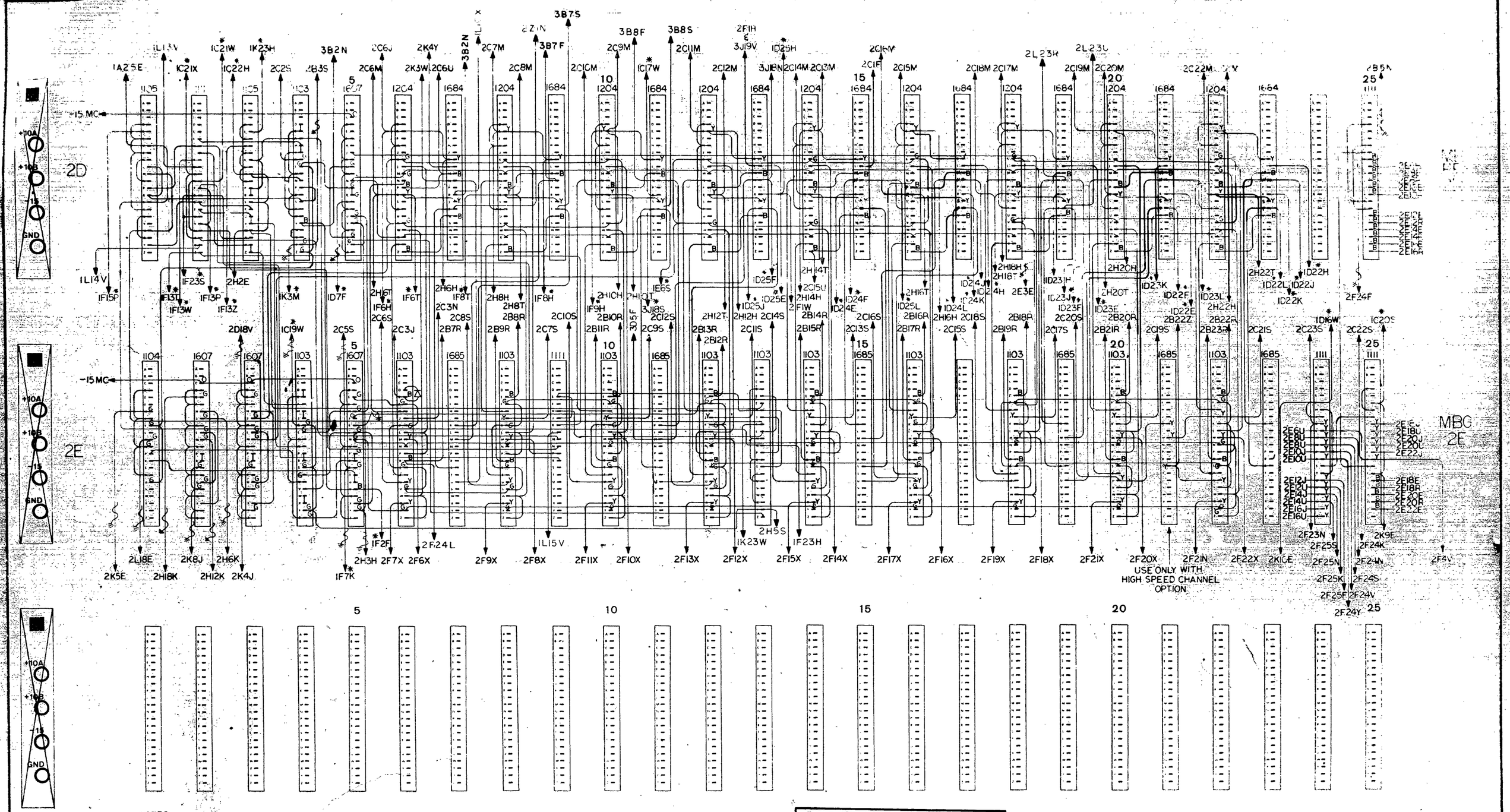
WIRING LAYOUT
TYPES 1901 AND 1903

CODE					
WD					

2DP-IL-48
2A-AC SHIFT, 2B-AC FF, 2C-AC LOGIC

digital EQUIPMENT CORPORATION

DHD-48-38



NOTES
1. UNLESS OTHERWISE INDICATED
ALL WIRES ARE WHITE NO. 22
Y-YELLOW B-BLUE G-GRAY
*INDICATES FINAL ASSEMBLY WIRING
THIS DWG TAKEN FROM
D-20017 REV-D

WIRING LAYOUT
TYPES 1901 AND 1903

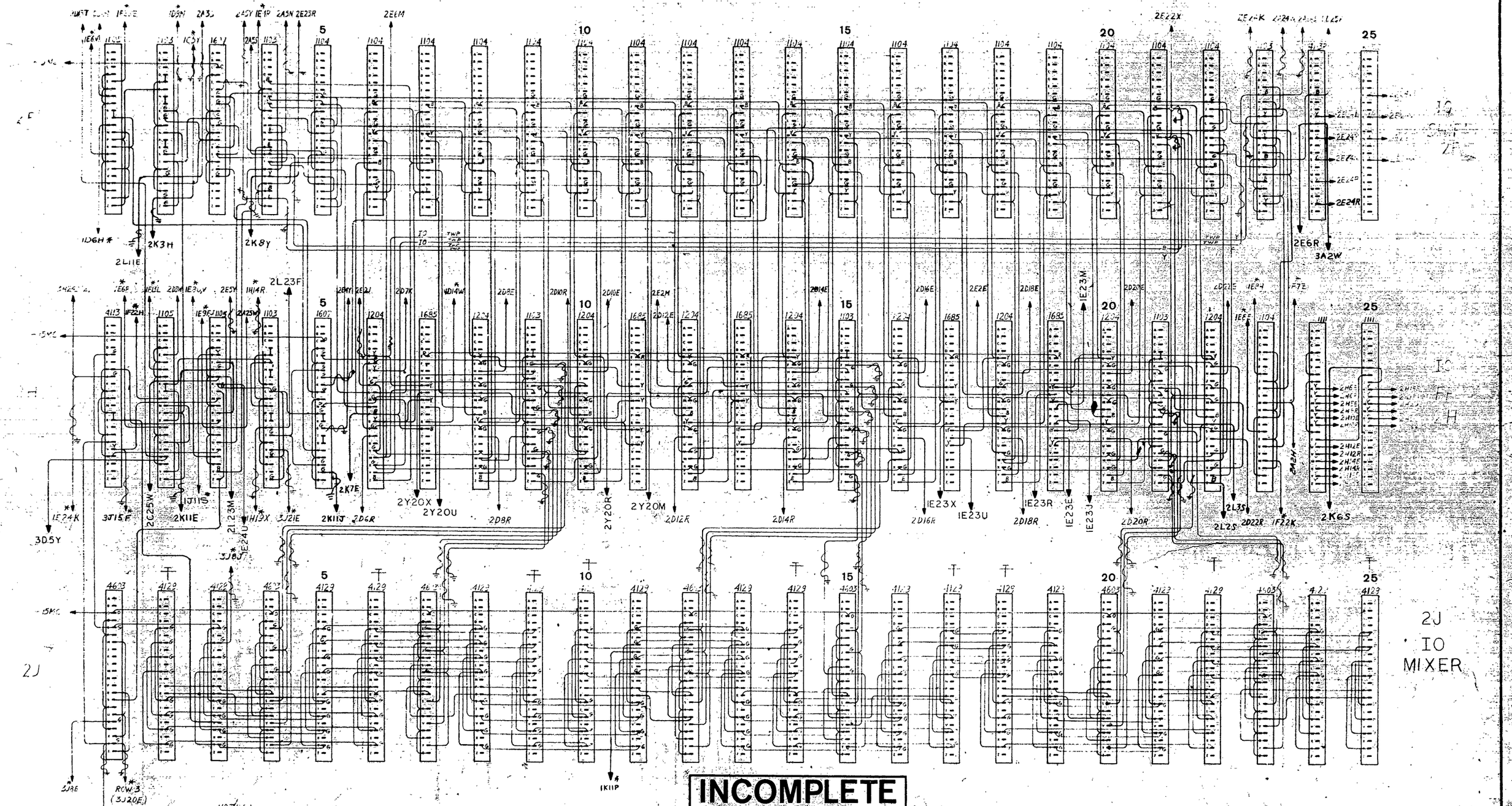
INCOMPLETE DRAWING

CODE	REVISIONS					
	REV	DATE	ENG	REV	DATE	ENG
WD						

PDP-ID-48 2D-MBG,2E-MBG

digital EQUIPMENT CORPORATION D-ID-48-39

D-ID-48-40 REV H



NOTES:
UNLESS OTHERWISE INDICATED ALL WIRES ARE WHITE
Y-YELLOW B-BLUE G-GREEN
* INDICATES FINAL ALTERNATE WIRING
(*B) BREAK SYSTEM WIRING
† NOT TO BE PLUGGED IN ON ORIGINAL CHECKOUT

THIS DWG. TAKEN FROM D-20023 REV-H

INCOMPLETE DRAWING

REVISIONS					
REV	DATE	ENG	REV	DATE	ENG

CODE 1

CHG NO. | CHANGE | EXPLR | PRODUCTION | OTHER | DRAWN | CHECKED | ENGINEER

digital EQUIPMENT CORPORATION

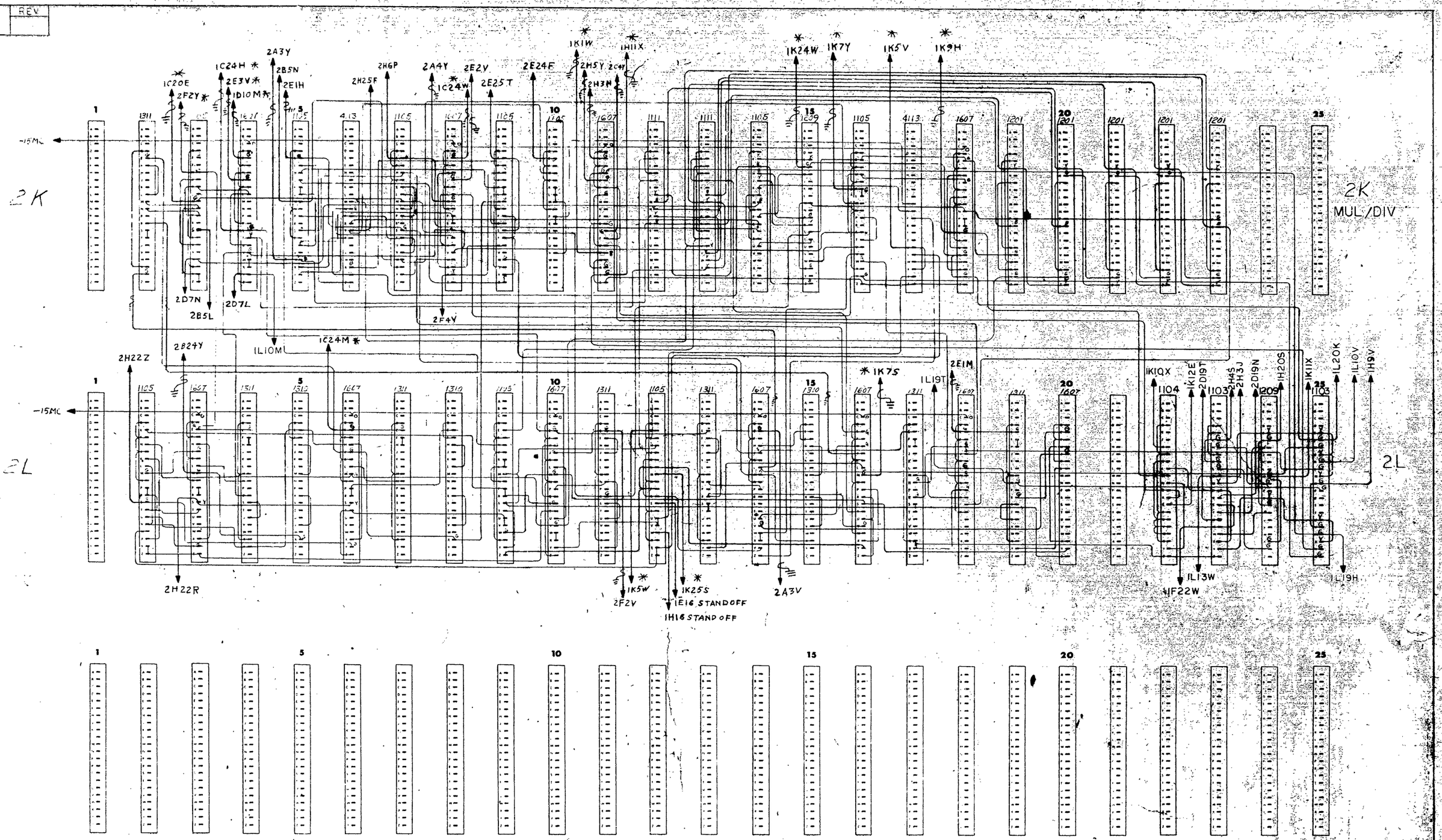
RDP-10-48

D-ID-48-40

REV

WIRING LAYOUT
TYPES 1901 AND 1903

D-ID-48-41 REV



NOTE:
USE 1914 MOUNTING PANELS

THIS DWG. TAKEN FROM
D-21004 REV-F-1

INCOMPLETE DRAWING

CODE	REV	DATE	ENG	REV	DATE	ENG	CHNG	APP	CHANGE
WD									

REVISIONS

PAPER
PRODUCTION
OTHER
DRAWN 11-9-63
CHECKED
ENGINEER

Digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

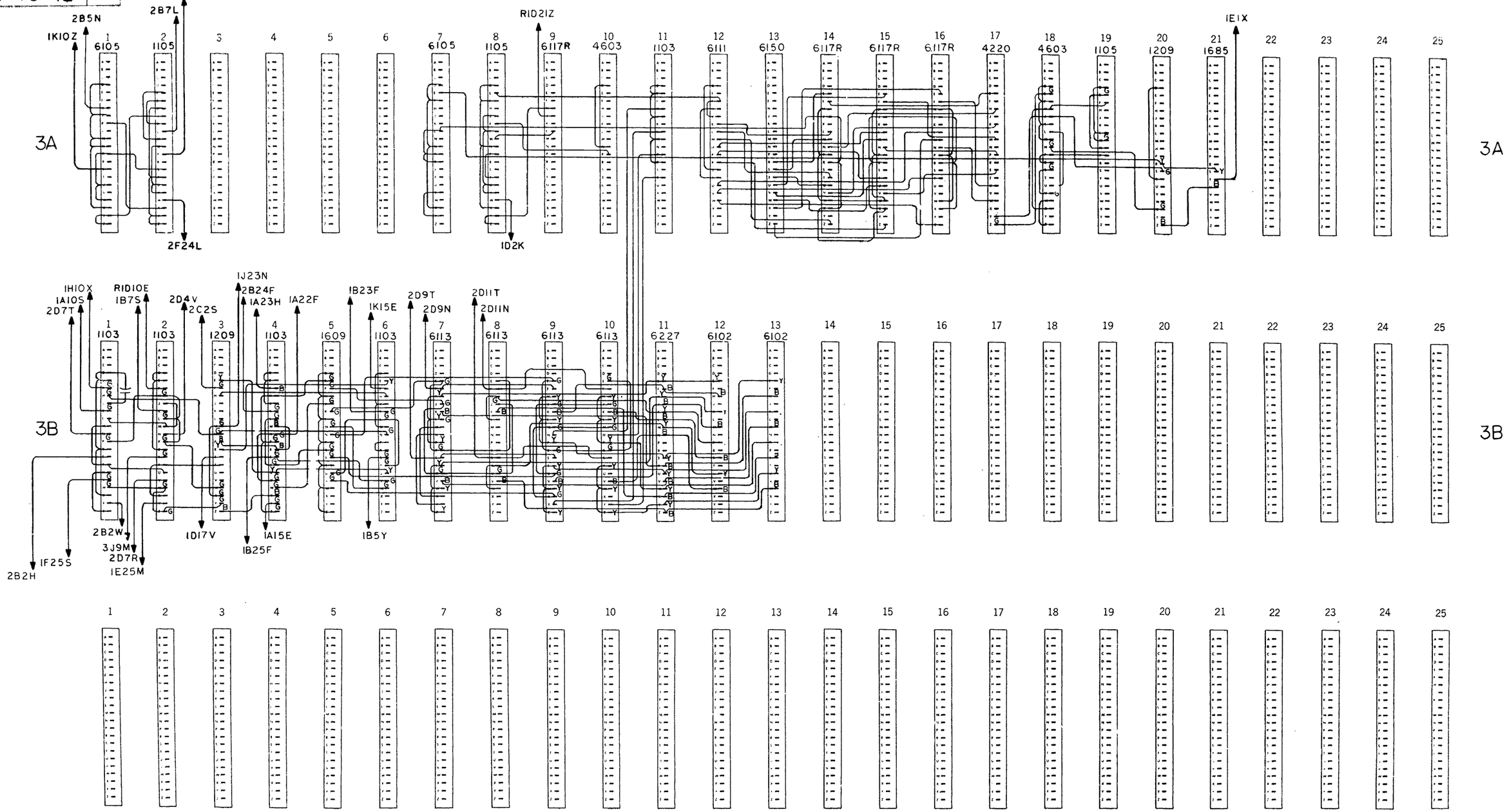
HIGH SPEED MUL-DIV
TYPE 10 RACK 2K-2L

D-ID-48-41
PDP-1D-48

REV

D-ID-48-42

REV LTR



WIRING LAYOUT
TYPES

INCOMPLETE DRAWING

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

CHANGE | DATE | ENG.

REVISIONS

DRAWN P. Dougcault	DATE	
CHECKED	DATE	
ENG	DATE	
PROJ ENG	DATE	
PROD	DATE	

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE RACK 3A, 3B

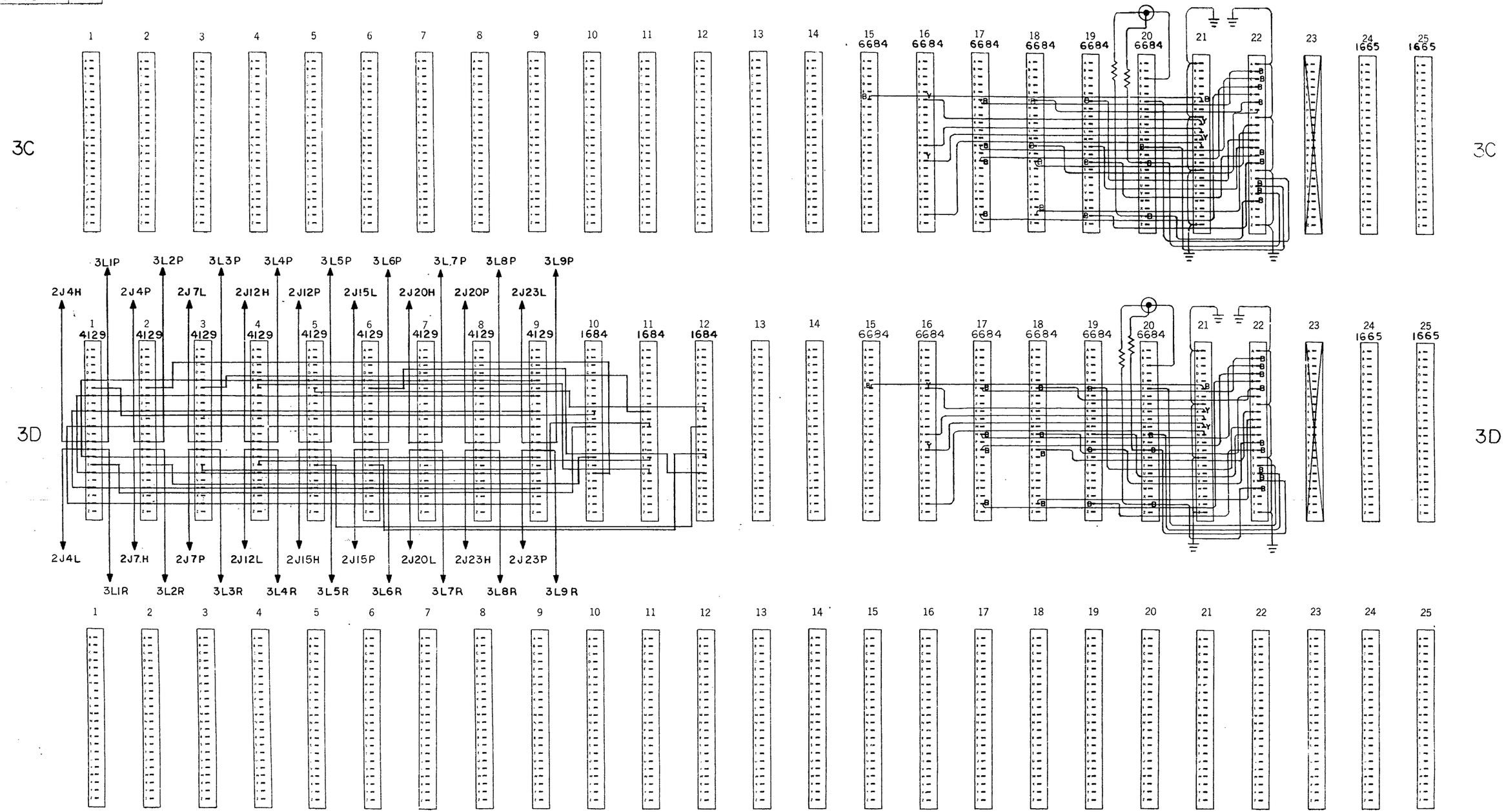
FOR

ASSY NO | CODE WD | DRWG NO D-ID-48-42 | REV LTR

SCALE | SHEET | OF

D-ID-48-43

REV LTR



NOTE:
1. MODULES 21 & 22 IN RACKS 3C & 3D ARE USED AS METHODE PLUGS.

INCOMPLETE DRAWING

REVISIONS					
REV	DATE	ENG	REV	DATE	ENG

CHANGE | DATE | ENG. — REVISIONS

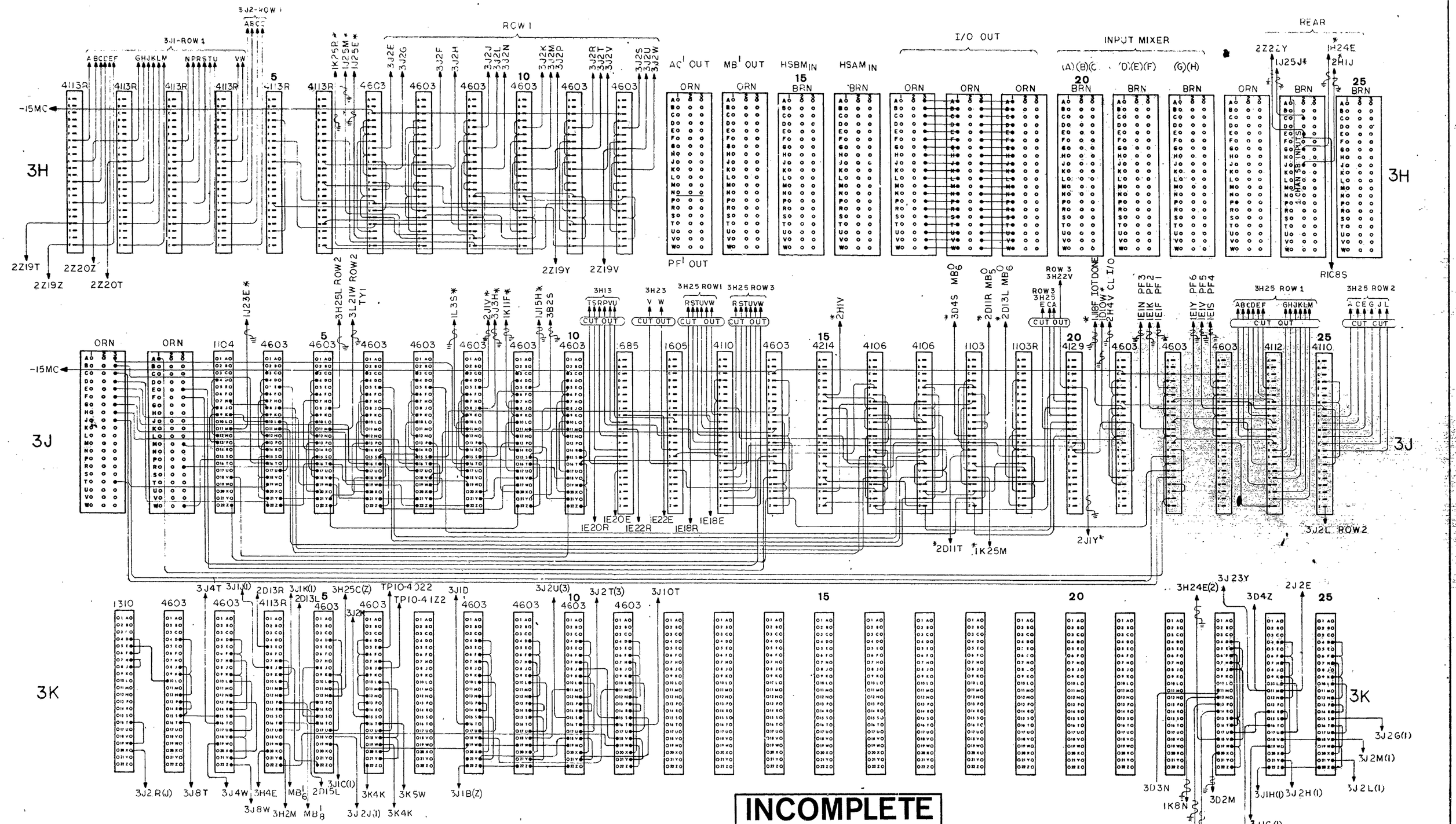
DRAWN B. Crampton | DATE
CHECKED | DATE
ENG | DATE
PROJ ENG | DATE
PROD | DATE

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

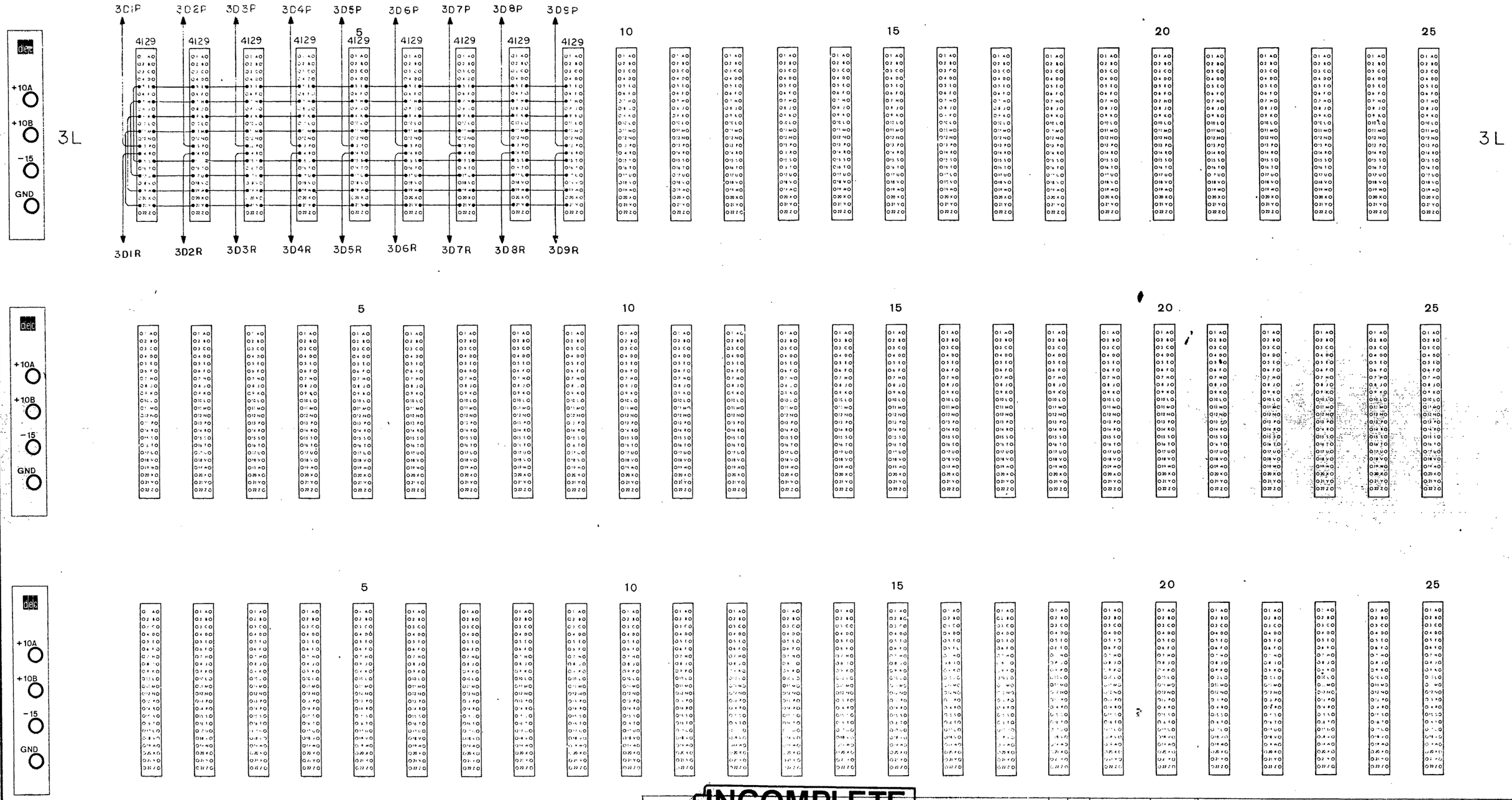
ASSY NO | CODE
SCALE | SHEET | OF

TITLE RACKS 3C & 3D
FOR
DRWG NO D-ID-48-43
REV LTR

WIRING LAYOUT
TYPES


3H
3J
3K
ROW 1
REAR
I/O OUT
INPUT MIXER
AC' OUT
MB' OUT
HSBM IN
HSAM IN
PF' OUT
-15MC
2Z19T
2Z20Z
2Z19Z
2Z20T
2Z19Y
2Z19V
RIC8S
3H25 ROW 1
3H25 ROW 2
3H25 ROW 3
CUT OUT
3J2L ROW2
3H24E(2)
3J23Y
3D4Z
2J2E
3D3N
3D2M
IK8N
IK8P
IK8R
3J1C(1)
3J1F(1)
3J2G(1)
3J2M(1)
3J2H(1)
3J2L(1)
3J1H(1)
INCOMPLETE DRAWING
REVISIONS
CODE
REV
DATE
ENG
CHNO
APP
CHANGE
EXPER
PRODUCTION
OTHER
DRAWN
CHECKED
ENGINEER
digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS
D-ID-48-44
IO CONTROL RACK 3H,3J,3K PDP-ID-48

D-ID-48-45



WIRING LAYOUT
TYPES 1909 AND 1910

INCOMPLETE DRAWING

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

CHANGE | DATE | ENG

REVISIONS

DRAWN J. Dougherty	DATE 2-20-69
CHECKED	DATE
ENG	DATE
PROJ ENG	DATE
PROD	DATE

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

TITLE IN-OUT MIXER OPTION
RACK 3L

FOR

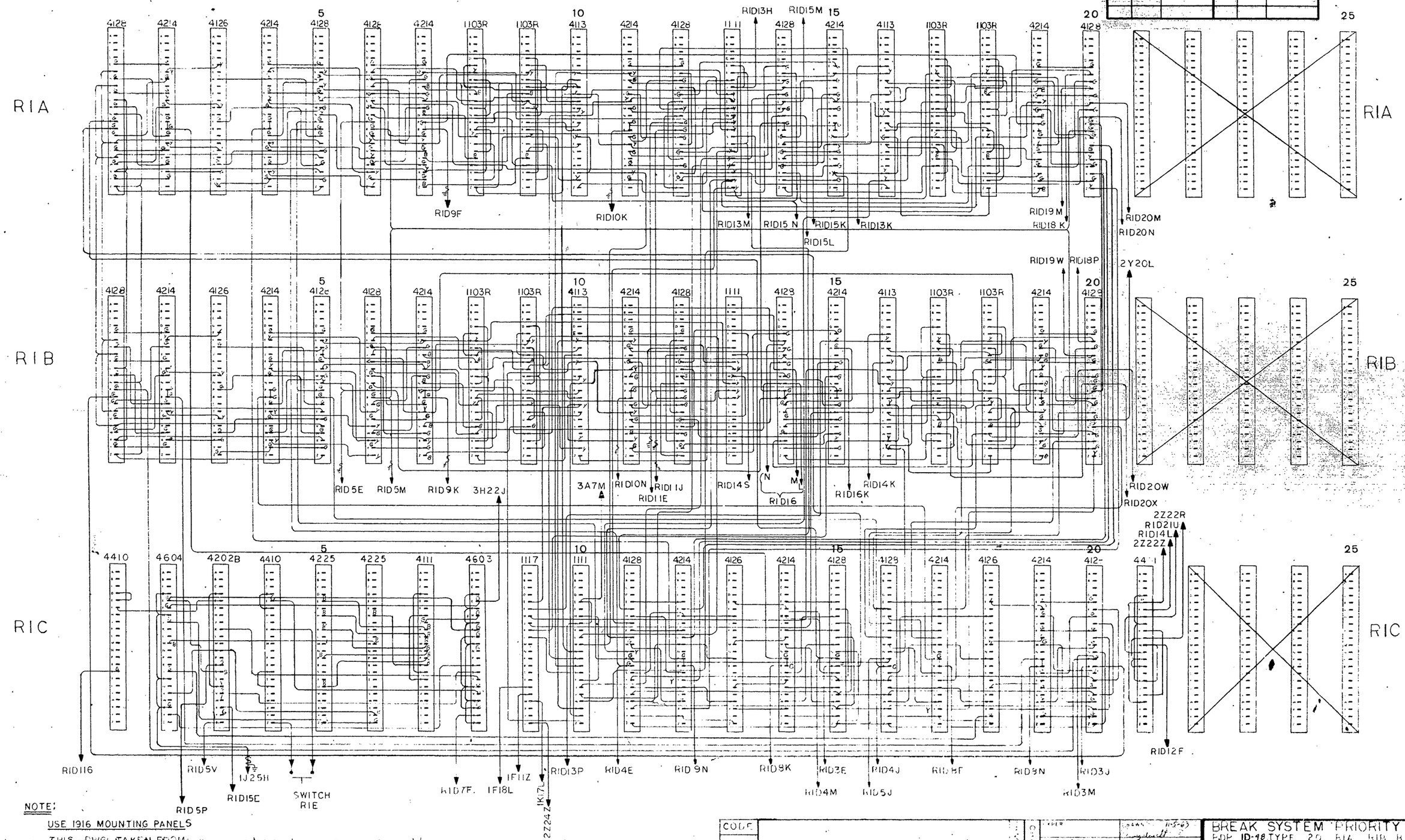
ASSY NO | CODE WD | DRWG NO D-ID-48-45 | REV LTR

SCALE | SHEET | OF

D-ID-48-46 REV

INCOMPLETE DRAWING

REVISIONS					
REV	DATE	ENG.	REV	DATE	ENG.



NOTE:
USE 1916 MOUNTING PANELS
THIS DWG TAKEN FROM
D-2405-A REV-A

CODE		CHANGE			
WD					

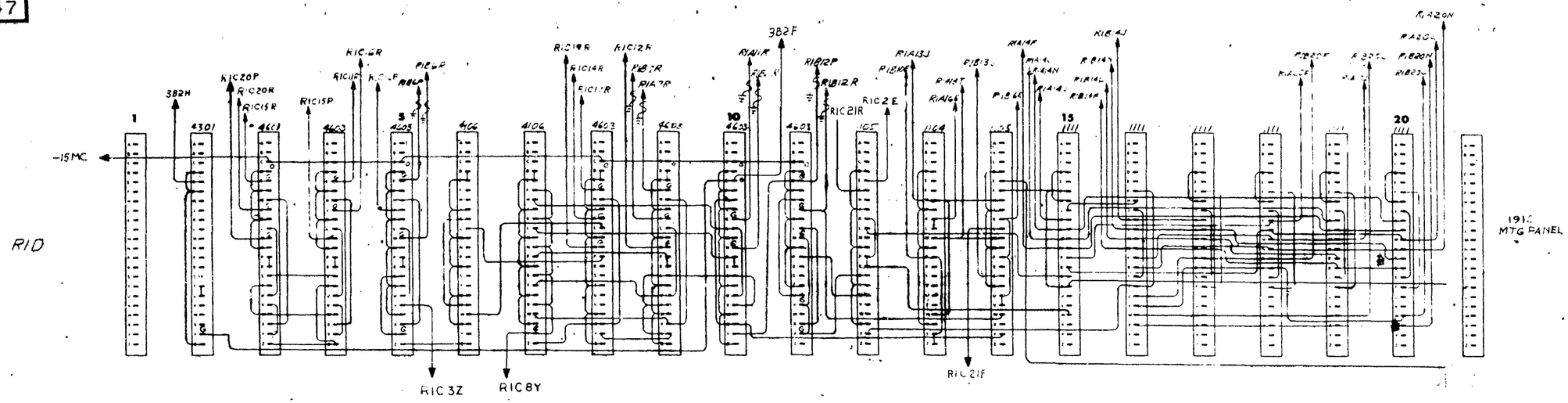
BREAK SYSTEM PRIORITY CHAIN
FOR ID-48 TYPE 20 RIA RIB RIC

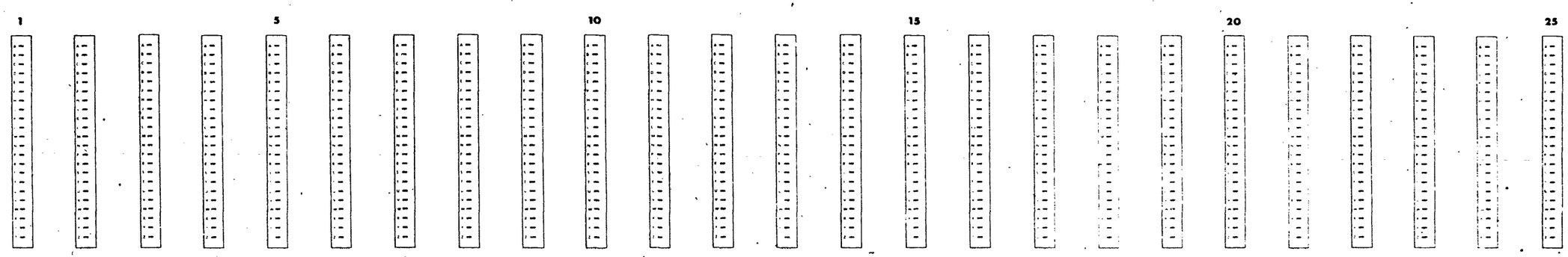
digital EQUIPMENT CORPORATION

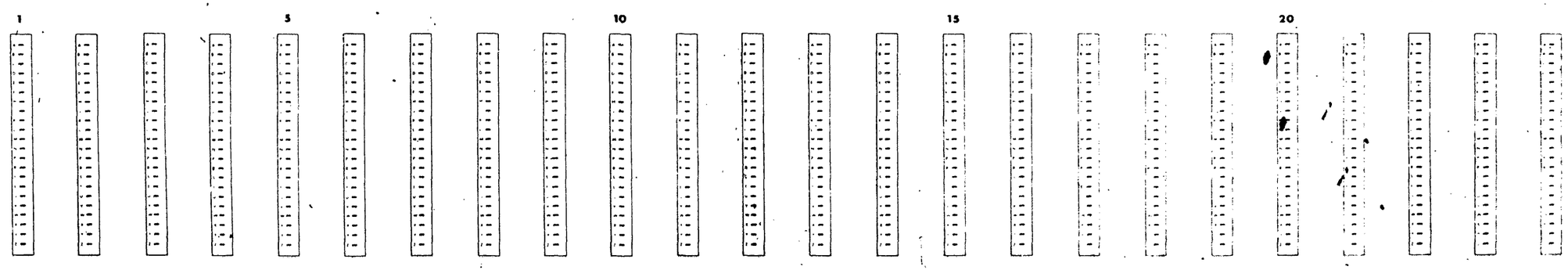
D-ID-48-46

REV

BID-48-47







NOTE
USE 1916 MOUNTING PANEL
THIS DWG. TAKEN FROM
D-21406-D REV-D

INCOMPLETE DRAWING

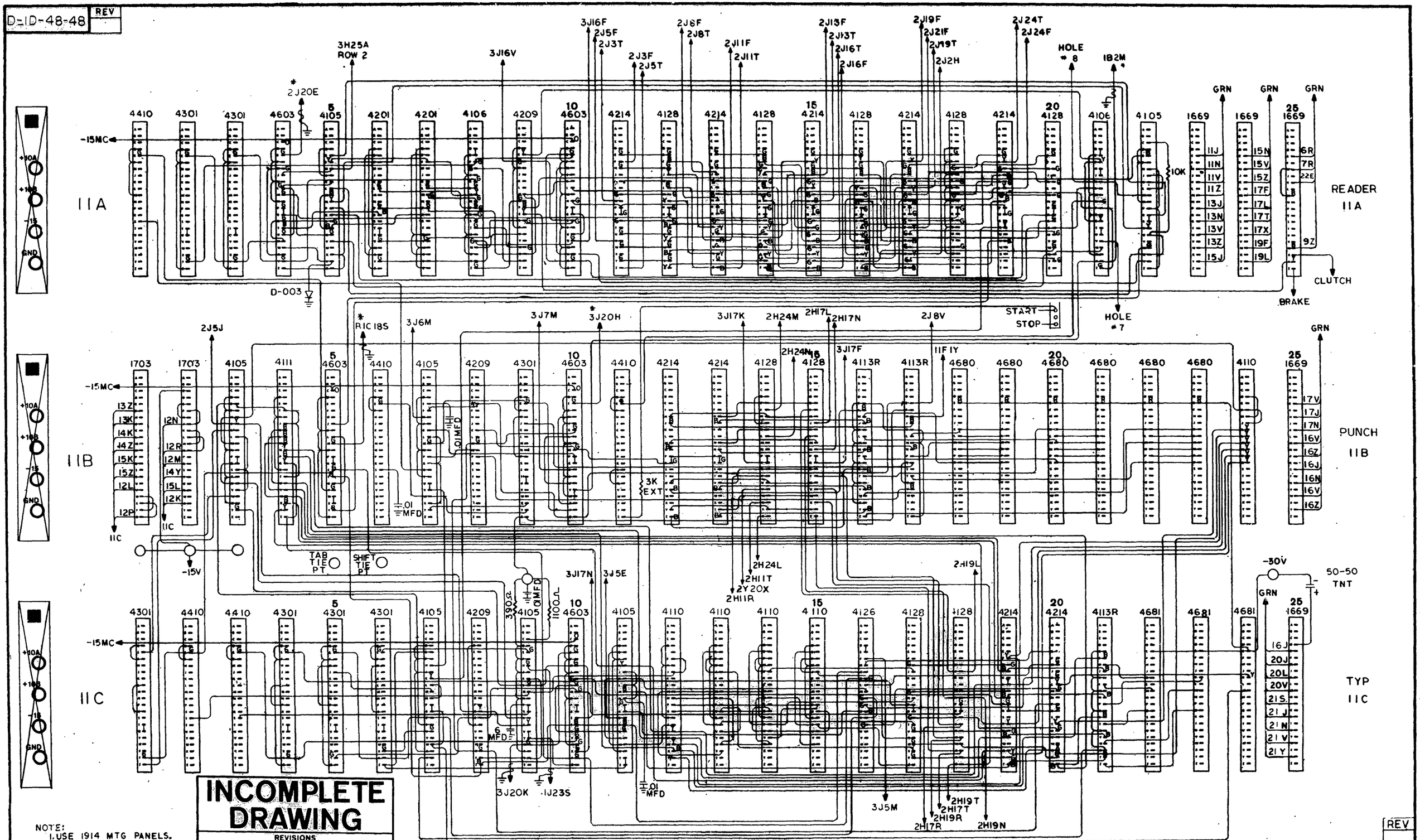
REVISIONS

REV	DATE	ENG	REV	DATE	ENG

CHG | CHG

SUPER | DRAWN
PROD. CHIEF | CHECKED

D-ID-48-48 REV



NOTE:
1. USE 1914 MTG PANELS.
2. SEE PUNCH MOD

THIS DWG. TAKEN FROM D-20303 REV

INCOMPLETE DRAWING

REVISIONS					
REV	DATE	ENG	REV	DATE	ENG

CODE WD

CHRG. APP. CHANGE

ERPER DRAWN

READER PUNCH TELETYPE TYP CONTROL

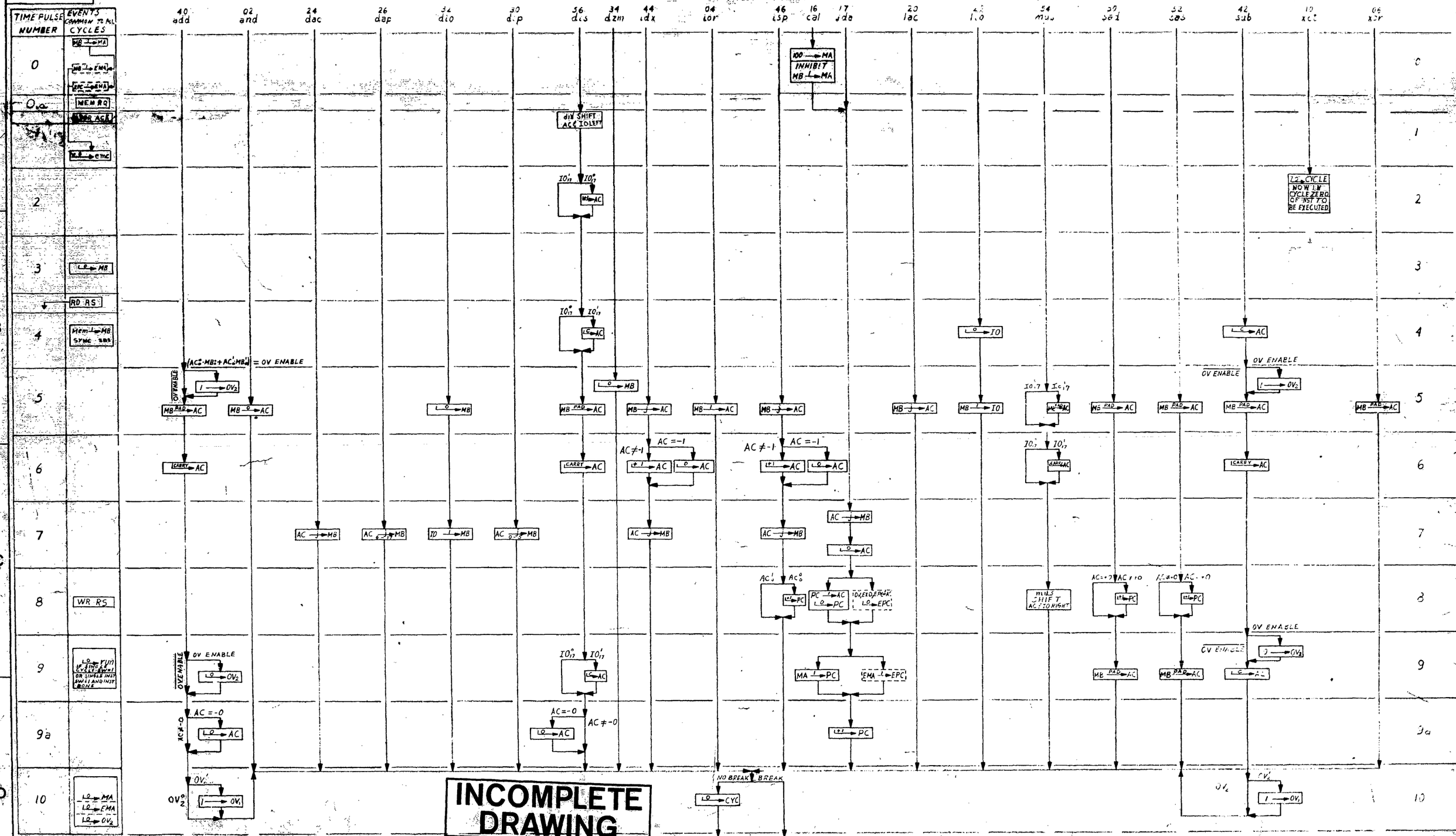
digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

D-ID-48-48

REV

D-ID-48-49

CYCLE ONE



INCOMPLETE DRAWING

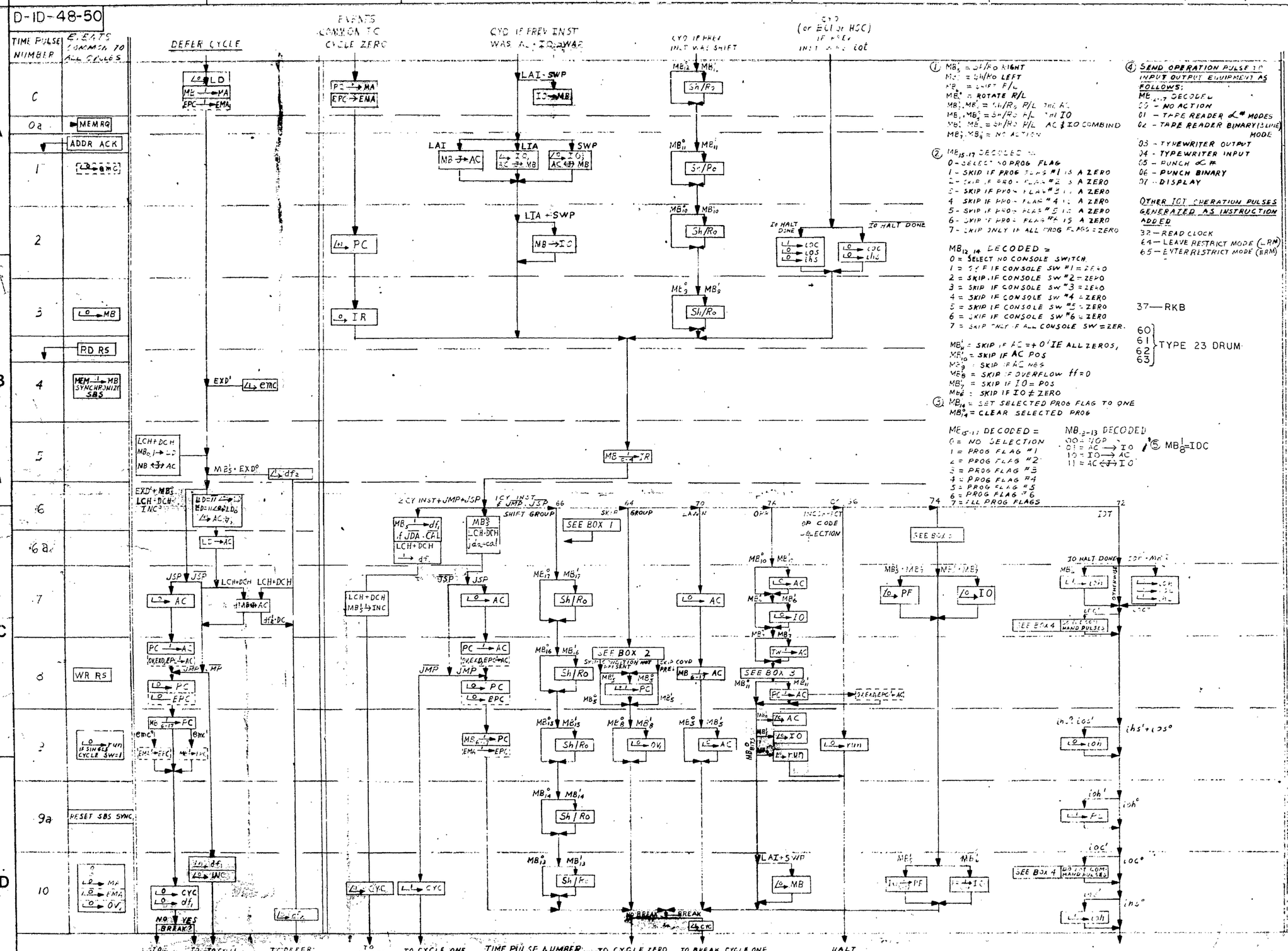
REVISIONS

REV	DATE	ENG	REV	DATE	ENG

THIS DWG. TAKEN FROM D

CODE					
FD		CHANGE	PAPER	DRAWN 2-17-65	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS
			PRODUCTION	CHECKED 2/17/65	D-ID-48-49
			OTHER	APPROVED	CYCLE ONE FLOW DIAGRAM PDP-ID-48

D-ID-48-50



① MB_5 = SH/RO RIGHT
MB_5' = SH/RO LEFT
MB_6 = SHIFT R/L
MB_6' = ROTATE R/L
MB_7, MB_7' = SH/RO R/L THE AC
MB_8, MB_8' = SH/RO R/L THE IO
MB_9, MB_9' = SH/RO R/L AC & IO COMBIND
MB_7, MB_8 = NO ACTION

② MB_{15-17} DECODED =
0 - SELECT NO PROG FLAG
1 - SKIP IF PROG FLAG #1 IS A ZERO
2 - SKIP IF PROG FLAG #2 IS A ZERO
3 - SKIP IF PROG FLAG #3 IS A ZERO
4 - SKIP IF PROG FLAG #4 IS A ZERO
5 - SKIP IF PROG FLAG #5 IS A ZERO
6 - SKIP IF PROG FLAG #6 IS A ZERO
7 - SKIP ONLY IF ALL PROG FLAGS = ZERO

MB_{12-14} DECODED =
0 = SELECT NO CONSOLE SWITCH
1 = SKIP IF CONSOLE SW #1 = ZERO
2 = SKIP IF CONSOLE SW #2 = ZERO
3 = SKIP IF CONSOLE SW #3 = ZERO
4 = SKIP IF CONSOLE SW #4 = ZERO
5 = SKIP IF CONSOLE SW #5 = ZERO
6 = SKIP IF CONSOLE SW #6 = ZERO
7 = SKIP ONLY IF ALL CONSOLE SW = ZERO.

MB_{11}' = SKIP IF AC = +0 OR ALL ZEROS,
MB_{10}' = SKIP IF AC POS
MB_9' = SKIP IF AC NEG
MB_8 = SKIP IF OVERFLOW ff = 0
MB_7' = SKIP IF IO = POS
MB_6 = SKIP IF IO ≠ ZERO

③ MB_{14} = SET SELECTED PROG FLAG TO ONE
MB_{14}' = CLEAR SELECTED PROG

MB_{15-17} DECODED =
0 = NO SELECTION
1 = PROG FLAG #1
2 = PROG FLAG #2
3 = PROG FLAG #3
4 = PROG FLAG #4
5 = PROG FLAG #5
6 = PROG FLAG #6
7 = ALL PROG FLAGS

MB_{9-13} DECODED
00 = NOP
01 = AC → IO
10 = IO → AC
11 = AC ⇄ IO

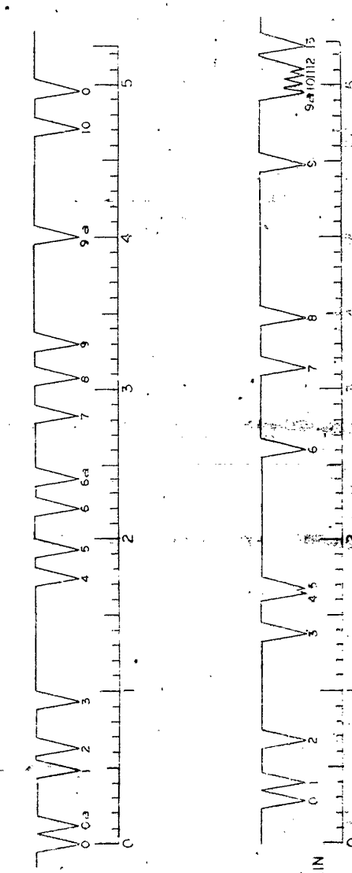
⑤ MB_8' = IDC

④ SEND OPERATION PULSE TO INPUT OUTPUT EQUIPMENT AS FOLLOWS:
MB_{4-7} DECODED
00 - NO ACTION
01 - TAPE READER α# MODES
02 - TAPE READER BINARY (3 LINE) MODE
03 - TYPEWRITER OUTPUT
04 - TYPEWRITER INPUT
05 - PUNCH α#
06 - PUNCH BINARY
07 - DISPLAY

OTHER IOT OPERATION PULSES GENERATED AS INSTRUCTION ADDED
32 — READ CLOCK
64 — LEAVE RESTRICT MODE (LRM)
65 — ENTER RESTRICT MODE (ERM)

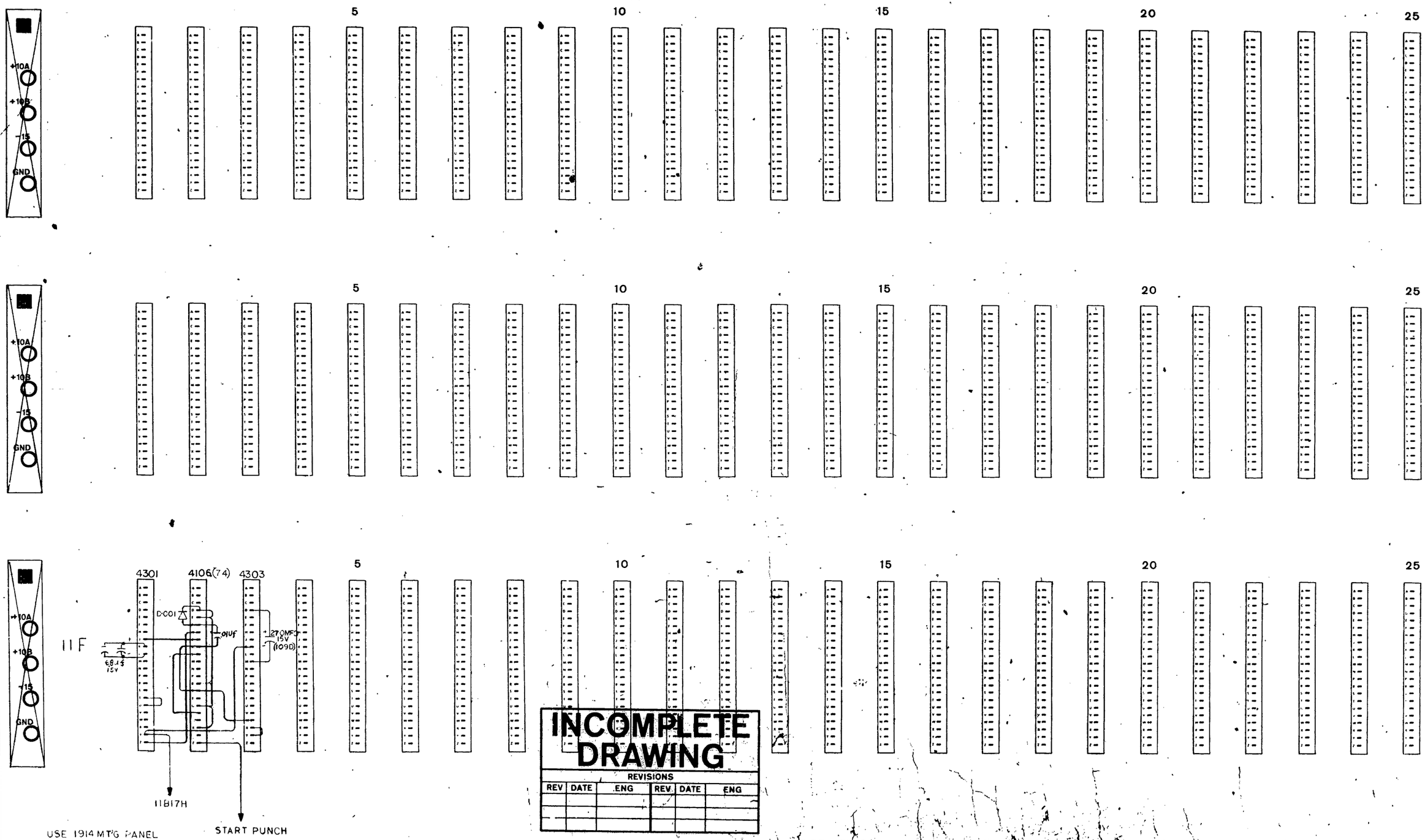
37 — RKB

60, 61, 62, 63 } TYPE 23 DRUM



L 1D-48-52

REV



INCOMPLETE DRAWING

REVISIONS					
REV	DATE	ENG	REV	DATE	ENG

USE 1914 MT'G PANEL

START PUNCH
22 PIN AMP SOCKET
PIN T
11B29

DWG TAKEN FROM DWG. NO. D 20314

~~WIRING LAYOUT~~
~~TYPES 1901 AND 1903~~

CODE					
WD					

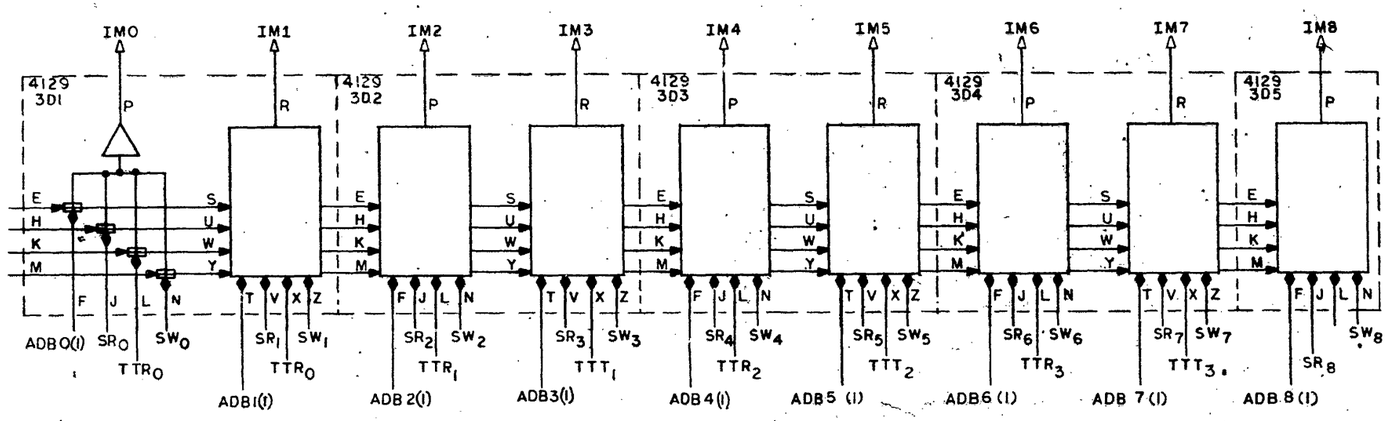
RACK 11F — SCR DRIVER 823

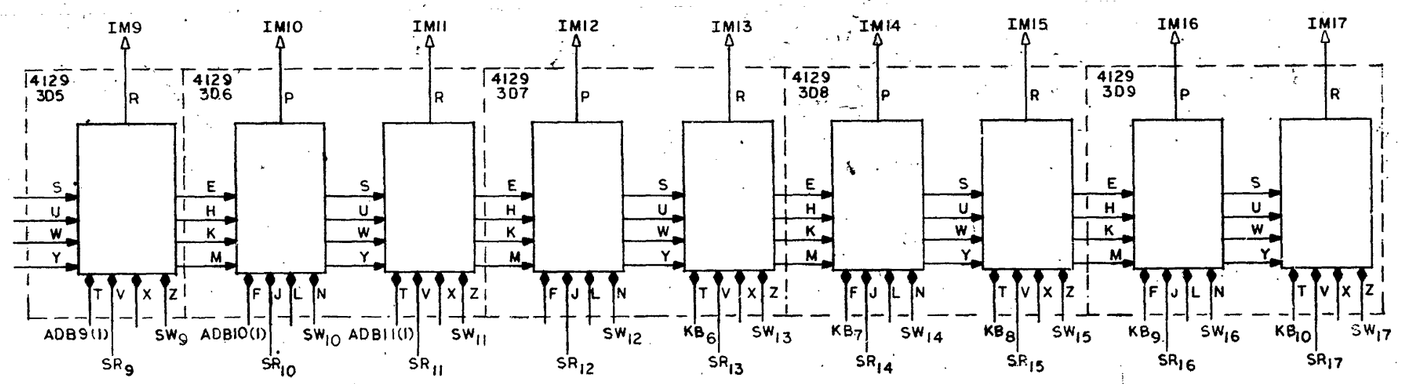
digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

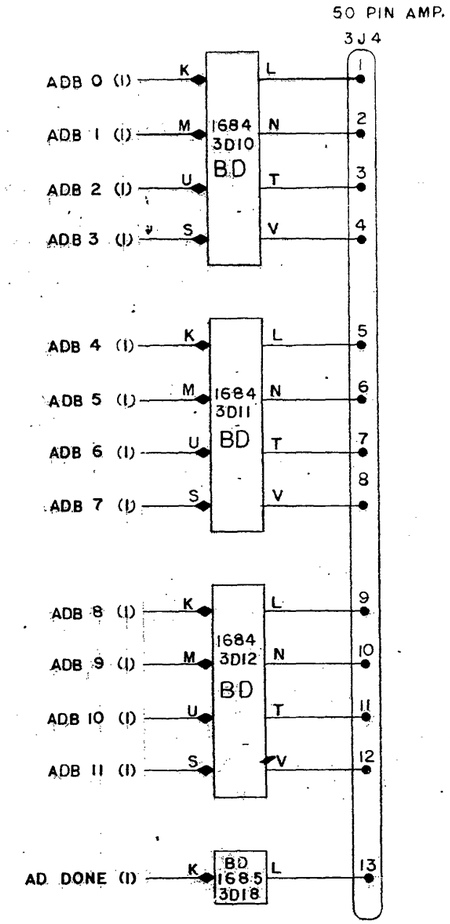
D 1D 48-52

REV

D-ID-48-53 REV LTR







INCOMPLETE DRAWING

REVISIONS					
REV	DATE	ENG	REV	DATE	ENG

DRAWN B.LUMPKIN	DATE 2-10-65	digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS	TITLE IN-OUT MIXER OPTION #2
CHECKED	DATE 2/24/65		FOR
ENG	DATE		
PROJ ENG	DATE	ASSY NO E-ID-48-1	CODE BS
PROD	DATE	SHEET OF	DRWG NO D-ID-48-53 REV LTR

CHANGE / DATE / ENG — REVISIONS

THIS DWG. TAKEN FROM D-ID-48-22

BKE 2

JACK [X] PLUG [ ]

FEMALE [ ] MALE [X]

LOCATION, LENGTH, ROUTE

R1A22

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)		A		
W/BRN (Z)		B		
W/RED (R)	R1A11J	C	Break Started - 0	
W/ORN (O)	R1A11N	D	1	
W/YEL (Y)	R1A11V	E	2	
W/GRN (N)	R1A11Z	F	3	
W/BLU (B)	R1A15J	H	4	
W/VIO (V)	R1A15N	J	5	
W/GRY (G)	R1A15V	K	Break Started - 6	
WHT (W)		L		
W/BLK (X)	R1A15Z	M	Break Started - 7	
W/BRN (Z)	R1B11J	N	10	
W/RED (R)	R1B11N	P	11	
W/ORN (O)	R1B11V	R	12	
W/YEL (Y)	R1B11Z	S	13	
W/GRN (N)	R1B15J	T	14	
W/BLU (B)	R1B15N	U	15	
W/VIO (V)	R1B15V	V	16	
W/GRY (G)	R1B15Z	W	Break Started -17	
WHT (W)		X		
		Y		
		Z		

INCOMPLETE DRAWING

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

DRAWN Bert Lumpkin 2/18/65

CHECKED

ENG

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

APP'V

ECO. NO.

REV. LTR.

22 PIN AMPHENOL

TITLE

Type 120

Sequence Break Indicators

DWG NO A-D-48-54

REV. LTR.

SHEET 1 OF 2

CODE CL

JACK [X] PLUG [ ]

FEMALE [ ] MALE [X]

LOCATION, LENGTH, ROUTE

R1B22

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)		A		
W/BRN (Z)		B		
W/RED (R)	R1A7J	C	Waiting Break - 0	
W/ORN (O)	R1A7N	D	1	
W/YEL (Y)	R1A7V	E	2	
W/GRN (N)	R1A7Z	F	3	
W/BLU (B)	R1A19J	H	4	
W/VIO (V)	R1A19N	J	5	
W/GRY (G)	R1A19V	K	Waiting Break - 6	
WHT (W)		L		
W/BLK (X)	R1A19Z	M	Waiting Break - 7	
W/BRN (Z)	R1B7J	N	10	
W/RED (R)	R1B7N	P	11	
W/ORN (O)	R1B7V	R	12	
W/YEL (Y)	R1B7Z	S	13	
W/GRN (N)	R1B19J	T	14	
W/BLU (B)	R1B19N	U	15	
W/VIO (V)	R1B19V	V	16	
W/GRY (G)	R1B19Z	W	Waiting Break -17	
WHT (W)		X		
		Y		
		Z		

DRAWN Bert Lumpkin 2/18/65

CHECKED

ENG

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

APP'V

ECO NO.
REV. LTR.

22 PIN AMPHENOL

TITLE

Type 120

Sequence Break Indicators

DWG NO A-ID-48-54

REV. LTR.

SHEET 2 OF 2

CODE CL

CONNECTION MEDIA	POL	PIN	PIN	NAME
			Terminal Strip	
3.3K 1/4 watt		RIA2J	RIA33	Chan. ON 0
		N		1
		V		2
		Z		3
		RIA4J		SYNC 0
		N		1
		V		2
		Z		3
			Terminal Strip	
		RIA7J	RIA 36	Waiting Break 0
		N		1
		V		2
		Z		3
		RIA 11J	RIA 40	Break Started 0
		N		1
		V		2
		Z		3
			Terminal Strip	
		RIA15J	RIA 44	Break Started 0
		N		1
		V		2
		Z		3

DRAWN

CHECKED

ENG

INCOMPLETE DRAWING

ELECTRONIC CORPORATION
WAYLAND, MASSACHUSETTS

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

APPV

ECO. NO.

REV. LTR

EXTERNAL COMPONENTS LIST

TITLE

3.3K Series Resistors to Indicators for Sequence Break System Type 20 PDP-1

DWG NO A-ID-48-55

CODE CL

SHEET 1 OF 4

CONNECTION MEDIA	PCL	PIN	PIN	NAME
			Terminal Strip	
3.3K 1/4 watt		RIA 19J	RIA 48	Waiting Break 4
		N	↓	5
		V	↓	6
		Z	↓	7
			Terminal Strip	
		RIB 2J	RIB 33	Channel ON 10
		N	↓	11
		V	↓	12
		Z	↓	13
		RIB 4J	↓	Sync 10
		N	↓	11
		V	↓	12
		Z	↓	13
			Terminal Strip	
		RIB 7J	RIB 36	Waiting Break 10
		N	↓	11
		V	↓	12
		Z	↓	13
		RIB 11J	RIB 40	Break Started 10
		N	↓	11
		V	↓	12
		Z	↓	13

DRAWN Bert Lumpkin 2/14/65

CHECKED

ENG

digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

APP'V

ECO. NO. REV. LTR.

EXTERNAL COMPONENTS LIST

TITLE

3.3K Series Resistors to Indicators for sequence break system type 20 PDP-1

DWG NO A-ID-48-55

CODE CL

SHEET 2 OF 4

CONNECTION MEDIA	POL	PIN	PIN	NAME
			Terminal Strip	
3.3K 1/4 watt		RIB 15J	RIB 44	Break Started 14
		N		15
		V		16
		Z		17
		RIB 19J	RIB 48	Waiting Break 14
		N		15
		V		16
		Z		17
			Terminal Strip	
		RIC 12J	RIC 43	Sync 4
		N		5
		V		6
		Z		7
		RIC 14J		Chan. on 4
		N		5
		V		6
		Z		7
			Terminal Strip	
		RIC 17J	RIC 48	Sync 14
		N		15
		V		16
		Z		17

DRAWN Bert Lumpkin 2/12/65

CHECKED

ENG

digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

APP'V

ECO. NO. REV. LTR.

EXTERNAL COMPONENTS LIST

TITLE 3.3K Series Resistors to Indicators for Sequence Break System Type 20 PDP-1

DWG NO A-ID-48-55

CODE CL

SHEET 3 OF 4

CONNECTION MEDIA	POL	PIN	PIN	NAME
			Terminal Strip	
3.3K 1/4 watt		RIC 19J	RIC 48	Chan ON 14
		N		15
		V		16
		Z		17

DRAWN Bert Lumpkin 2/18/65

CHECKED lal

ENG

digital

EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

EXTERNAL COMPONENTS LIST

TITLE
3.3K Series Resistors to Indicators for Sequence Break System Type 20 PDP-1

APP'V

ECO. NO.
REV. LTR.

DWG NO
A-ID-48-55

CODE
CL

SHEET 4 OF 4

CONNECTION MEDIA	PN	PIN	PIN	NAME
D-003	+	R1A5T	GND	MBD 0
D-003		R1A5X	GND	MBD 1
D-003		R1A5V	GND	MBD 2
D-003		R1A5Z	GND	MBD 3
D-003		R1C11T	GND	MBD 4
D-003		R1C11X	GND	MBD 5
D-003		R1C11V	GND	MBD 6
D-003		R1C11Z	GND	MBD 7
D-003		R1D4T	GND	
D-003		R1D3T	GND	
D-003		R1D11Z	GND	
D-003	+	R1D11W	GND	

INCOMPLETE DRAWING

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

DRAWN 2/18/65 10/19/62

CHECKED

ENG

digital

EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

EXTERNAL COMPONENTS LIST

TITLE

D-003 DIODE

SEQUENCE BREAK SYSTEM TYPE 20
PDP-1

DWG NO A-ID-48-56

CODE CL

SHEET 1 OF 1

CONNECTION MEDIA	POL	PIN	PIN	NAME
82 Ω	+	R1A3F	GND	Seq 0
82		R1A3N	GND	Seq 1
82		R1A3V	GND	Seq 2
82		R1A3Y	GND	Seq 3
82		R1C13F	GND	Seq 4
82		R1C13N	GND	Seq 5
82		R1C13V	GND	Seq 6
82		R1C13Y	GND	Seq 7
82		R1B3F	GND	Seq 10
82		R1B3N	GND	Seq 11
82		R1B3V	GND	Seq 12
82		R1B3Y	GND	Seq 13
82		R1C18F	GND	Seq 14
82		R1C18N	GND	Seq 15
82		R1C18V	GND	Seq 16
82 Ω	+	R1C18Y	GND	Seq 17

INCOMPLETE DRAWING

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

DRAWN PD-2-16-63 [illegible] - 10/16/62

CHECKED

ENG

digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

APP'V

ECO. NO. REV. LTR.

EXTERNAL COMPONENTS LIST

TITLE
82 OHM TERMINATOR
SEQUENCE BREAK SYSTEM TYPE 20
PDP-1

DWG NO A-ID-48-57

CODE CL

SHEET 1 OF 1

JACK [ ] PLUG [X]

FEMALE [X] MALE [ ]

LOCATION, LENGTH, ROUTE

TO REACH 11B26

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)	3H17A ROW 1	A	IO_0'	
W/BRN (Z)	3H17B ROW 1	B	IO_1'	
W/RED (R)	3H17C ROW 1	C	IO_2'	
W/ORN (O)	3H17D ROW 1	D	IO_3'	
W/YEL (Y)	3H17E ROW 1	E	IO_4'	
W/GRN (N)	3H17F ROW 1	F	IO_5'	
W/BLU (B)	3H17G ROW 1	H	IO_6'	
W/VIO (V)	3H17H ROW 1	J	IO_7'	
W/GRY (G)	3H17J ROW 1	K	IO_8'	
WHT (W)	3H17K ROW 1	L		
W/BLK (X)	3H17L ROW 1	M	IO_9'	
W/BRN (Z)	3H17M ROW 1	N	IO_{10}'	
W/RED (R)	3H17N ROW 1	P	IO_{11}'	
W/ORN (O)	3H17P ROW 1	R	IO_{12}'	
W/YEL (Y)	3H17R ROW 1	S	IO_{13}'	
W/GRN (N)	3H17S ROW 1	T	IO_{14}'	
W/BLU (B)	3H17T ROW 1	U	IO_{15}'	
W/VIO (V)	3H17U ROW 1	V	IO_{16}'	
W/GRY (G)	3H17V ROW 1	W	IO_{17}'	
WHT (W)	3H17W ROW 1	X		
		Y		
		Z		

INCOMPLETE DRAWING

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

DRAWN PD 2/18/65

Lois Brown 6-18-63

CHECKED

ENG

digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

22 PIN AMPHENOL

TITLE IO BUFF FROM IOT→IO PANEL

TAPER PIN

APP'V

ECO. NO.

REV. LTR.

DWG NO A-ID-48-58

REV. LTR.

SHEET OF

CODE CL

JACK [ ] PLUG [X]

FEMALE [X] MALE [ ]

LOCATION, LENGTH, ROUTE

To Reach 1-27

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)	3H20D Row 2	A	TB8'	
W/BRN (Z)	3H20P Row 2	B	TB12'	
W/RED (R)	3H20R Row 2	C	TB13'	
W/ORN (O)	3H20S Row 2	D	TB14'	
W/YEL (Y)	3H20T Row 2	E	TB15'	
W/GRN (N)	3H20U Row 2	F	TB16'	
W/BLU (B)	3H20V Row 2	H	TB17'	
W/VIO (V)	3J5F	J	GND	
W/GRY (G)	3J5E	K	CL Type Buff	
WHT (W)	3J5N	L	GND	
W/BLK (X)	3J5M	M	Tyi	
W/BRN (Z)	3J4N	N	Gnd	
W/RED (R)	3J4M	P	Tyo	
W/ORN (O)	3H25D (3)	R	GND	
W/YEL (Y)	3H25C (3)	S	Tyo done	
W/GRN (N)	3H25B (1)	T	GND	
W/BLU (B)	3H25A (1)	U	Typ sync	
W/VIO (V)	GND	V	GND	
W/GRY (G)	3H20C2	W	TYo	
WHT (W)	3H20E2	X	PunOn	
		Y		
		Z		

INCOMPLETE DRAWING

REV	DATE	ENG	REV	DATE	ENG

REVISIONS

DRAWN PD 2/18/65
D. Bergeron 2-13-63

CHECKED

ENG

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

APP'V

ECO. NO.
REV. LTR.

22 PIN AMPHENOL

TITLE TYPE BUFFERS

Taper Pin

DWG NO A-ID-48-59

REV. LTR.

SHEET OF

CODE CL

JACK [ ] PLUG [X]

FEMALE [X] MALE [ ]

LOCATION, LENGTH, ROUTE

TO REACH 11A27

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)	3H20 A	A	RB_0'	
W/BRN (Z)	B	B		
W/RED (R)	C	C		
W/ORN (O)	D	D		
W/YEL (Y)	E	E		
W/GRN (N)	F	F		
W/BLU (B)	G	H		
W/VIO (V)	H	J		
W/GRY (G)	J	K	RB_8'	
WHT (W)	K	L		
W/BLK (X)	L	M	RB_9'	
W/BRN (Z)	M	N		
W/RED (R)	N	P		
W/ORN (O)	P	R		
W/YEL (Y)	R	S		
W/GRN (N)	S	T		
W/BLU (B)	T	U		
W/VIO (V)	U	V		
W/GRY (G)	3H20 V	W	RB_{17}'	
WHT (W)		X		
		Y		
		Z		

RGT

REV	DATE	ENG	REV	DATE	ENG

REVISIONS

INCOMPLETE DRAWING

DRAWN Lois Brown 6-27-63 PD 2/18/65

CHECKED

ENG

digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

22 PIN AMPHENOL

TITLE

RDR BUFFERS

APP'V

ECO. NO.

REV. LTR.

DWG NO A-ID-48-60

REV. LTR.

SHEET OF

CODE

JACK [ ] PLUG [X]

FEMALE [X] MALE [ ]

LOCATION, LENGTH, ROUTE

To Reach 21 27

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)	3J4F	A	GND	
W/BRN (Z)	3J4E	B	RPA	
W/RED (R)	3J4K	C	GND	
W/ORN (O)	3J4J	D	RPB	
W/YEL (Y)	3H25B(2)	E	GND	
W/GRN (N)	3H25A(2)	F	$\xrightarrow{\text{IO}}$ IO	
W/BLU (B)	3H22W(3)	H	GND	
W/VIO (V)	3H22V(3)	J	RDR RSM	
W/GRY (G)	GND	K	GND	
WHT (W)	2H3E	L	RIM[1] + RCP[1]	
W/BLK (X)	3J6F	M	GND	
W/BRN (Z)	3J6E	N	PPA	
W/RED (R)	3J6K	P	GND	
W/ORN (O)	3J6J	R	PPB	
W/YEL (Y)	3H25B(3)	S	GND	
W/GRN (N)	3H25A(3)	T	Pun dena	
W/BLU (B)	3J6N	U	GND	
W/VIO (V)	3J6M	V	cl. pun buff ppa	
W/GRY (G)	3J7N	W	GND	
WHT (W)	3J7M	X	cl. pun buff ppb	
		Y		
		Z		

INCOMPLETE DRAWING

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

DRAWN PD 2-19-65
D. Bergeron 2-13-63

CHECKED

ENG

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

22 PIN AMPHENOL

TITLE RDR PULSES, PUNCH PULSES } IOT → IO

Taper Pins

APP'V

ECO. NO.
REV. LTR.

DWG NO A-ID-48-61

REV. LTR.

SHEET OF

CODE

JACK [X] PLUG [ ]

FEMALE [ ] MALE [X]

LOCATION, LENGTH, ROUTE

2C26

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)	2C6X	A	TW 0	
W/BRN (Z)	2C7X	B	1	
W/RED (R)	2C8X	C	2	
W/ORN (O)	2C9X	D	3	
W/YEL (Y)	2C10X	E	4	
W/GRN (N)	2C11X	F	5	
W/BLU (B)	2C12X	H	6	
W/VIO (V)	2C13X	J	7	
W/GRY (G)	2C14X	K	8	
WHT (W)		L		
W/BLK (X)	2C15X	M	9	
W/BRN (Z)	2C16X	N	10	
W/RED (R)	2C17X	P	11	
W/ORN (O)	2C18X	R	12	
W/YEL (Y)	2C19X	S	13	
W/GRN (N)	2C20X	T	14	
W/BLU (B)	2C21X	U	15	
W/VIO (V)	2C22X	V	16	
W/GRY (G)	2C23X	W	17	
WHT (W)		X		
		Y		
		Z		

INCOMPLETE DRAWING

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

DRAWN PD 2/18/65

CHECKED

ENG

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

APP'V

ECO. NO.

REV. LTR.

22 PIN AMPHENOL

TITLE

TW LINES

DWG NO A-ID-48-62

REV. LTR.

SHEET OF

CODE CL

JACK [X] PLUG [ ]

FEMALE [ ] MALE [X]

LOCATION, LENGTH, ROUTE

2B26

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)	2B6S	A		
W/BRN (Z)	2B7S	B		
W/RED (R)	2B8S	C		
W/ORN (O)	2B9S	D		
W/YEL (Y)	2B10S	E		
W/GRN (N)	2B11S	F		
W/BLU (B)	2B12S	H		
W/VIO (V)	2B13S	J		
W/GRY (G)	2B14S	K		
WHT (W)		L		
W/BLK (X)	2B15S	M		
W/BRN (Z)	2B16S	N		
W/RED (R)	2B17S	P		
W/ORN (O)	2B18S	R		
W/YEL (Y)	2B19S	S		
W/GRN (N)	2B20S	T		
W/BLU (B)	2B21S	U		
W/VIO (V)	2B22S	V		
W/GRY (G)	2B23S	W		
WHT (W)		X		
		Y		
		Z		

INCOMPLETE DRAWING

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

DRAWN PD 2/18/65

CHECKED

ENG

digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

22 PIN AMPHENOL

TITLE

AC INDICATORS

APP'V

ECO. NO.

REV. LTR.

DWG NO A-ID-48-63

REV. LTR.

SHEET OF

CODE CL

JACK [X]	PLUG [ ]	LOCATION, LENGTH, ROUTE
FEMALE [ ]	MALE [X]	2H26

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)	2H6J	A		
W/BRN (Z)	2H6U	B		
W/RED (R)	2H8J	C		
W/ORN (O)	2H8U	D		
W/YEL (Y)	2H10J	E		
W/GRN (N)	2H10U	F		
W/BLU (B)	2H12J	H		
W/VIO (V)	2H12U	J		
W/GRY (G)	2H14J	K		
WHT (W)		L		
W/BLK (X)	2H14U	M		
W/BRN (Z)	2H16J	N		
W/RED (R)	2H16U	P		
W/ORN (O)	2H18J	R		
W/YEL (Y)	2H18U	S		
W/GRN (N)	2H20J	T		
W/BLU (B)	2H20U	U		
W/VIO (V)	2H22J	V		
W/GRY (G)	2H22U	W		
WHT (W)		X		
		Y		
		Z		

INCOMPLETE DRAWING

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

DRAWN PD 2/18/65

CHECKED

ENG

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

APP'V

ECO. NO.
REV. LTR.

22 PIN AMPHENOL

TITLE
IO INDICATORS

DWG NO A-ID-48-64

REV. LTR.

SHEET OF

CODE CL

JACK [X]	PLUG [ ]	LOCATION, LENGTH, ROUTE
FEMALE [ ]	MALE [X]	2D26

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)	2D6J	A		
W/BRN (Z)	2D6U	B		
W/RED (R)	2D8J	C		
W/ORN (O)	2D8U	D		
W/YEL (Y)	2D10J	E		
W/GRN (N)	2D10U	F		
W/BLU (B)	2D12J	H		
W/VIO (V)	2D12U	J		
W/GRY (G)	2D14J	K		
WHT (W)		L		
W/BLK (X)	2D14U	M		
W/BRN (Z)	2D16J	N		
W/RED (R)	2D16U	P		
W/ORN (O)	2D18J	R		
W/YEL (Y)	2D18U	S		
W/GRN (N)	2D20J	T		
W/BLU (B)	2D20U	U		
W/VIO (V)	2D22J	V		
W/GRY (G)	2D22U	W		
WHT (W)		X		
		Y		
		Z		

DRAWN PD 2/18/65

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ENG

INCOMPLETE DRAWING

EQUIPMENT CORPORATION
MILFORD, MASSACHUSETTS

REVISIONS

REV	DATE	ENG	REV	DATE	ENG	APPV

ECO NO
REV LTR

22 PIN AMPHENOL

TITLE

MB INDICATORS

DWG NO A-1D-48-65

REV. LTR.

SHEET OF

CODE CL

JACK [X]	PLUG [ ]	LOCATION, LENGTH, ROUTE
FEMALE [ ]	MALE [X]	3' Long, 11A26

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)	11A23F	A	RB0	
W/BRN (Z)	11A23J	B	RB1	
W/RED (R)	11A23L	C	RB2	
W/ORN (O)	11A23N	D	RB3	
W/YEL (Y)	11A23R	E	RB4	
W/GRN (N)	11A23T	F	RB5	
W/BLU (B)	11A23V	H	RB6	
W/VIO (V)	11A23X	J	RB7	
W/GRY (G)	11A23Z	K	RB8	
WHT (W)	11A24F	L	RB9	
W/BLK (X)	11A24J	M	RB10	
W/BRN (Z)	11A24L	N	RB11	
W/RED (R)	11A24N	P	RB 12	
W/ORN (O)	11A24R	R	RB13	
W/YEL (Y)	11A24T	S	RB14	
W/GRN (N)	11A24V	T	RB15	
W/BLU (B)	11A24X	U	RB16	
W/VIO (V)	11A24Z	V	RB17	
W/GRY (G)	11A25F	W	RC2	
WHT (W)	11A25J	X	RC1	
W/BLK	11A25L	Y	RBY	
W/BRN	11A25N	Z	Rdr Clutch	

INCOMPLETE DRAWING

DRAWN [illegible]

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EQUIPMENT CORPORATION

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

APPV

ECO. NO.

REV. LTR.

22 PIN AMPHENOL

TITLE RDR. INDICATORS

SOCKET WIRING

DWG NO A-ID-48-66

REV. LTR.

SHEET 1 OF 2

CODE CL

JACK [X] PLUG [ ]

FEMALE [ ] MALE [X]

LOCATION, LENGTH, ROUTE

3' Long (Rdr & Pun Pulses)
11B26

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)	11B14V	A	IO 1 0	
W/BRN (Z)	11B14Z	B	IO 1 1	
W/RED (R)	11B14F	C	IO 1 2	
W/ORN (O)	11B14L	D	IO 1 3	
W/YEL (Y)	11B14T	E	IO 1 4	
W/GRN (N)	11B14X	F	IO 1 5	
W/BLU (B)		H	IO 1 6	
W/VIO (V)		J	IO 1 7	
W/GRY (G)		K	IO 1 8	
WHT (W)		L		
W/BLK (X)		M	IO 1 9	
W/BRN (Z)	11B15J	N	IO 1 10	
W/RED (R)	11B15N	P	IO 1 11	
W/ORN (O)	11B15V	R	IO 1 12	
W/YEL (Y)	11B15Z	S	IO 1 13	
W/GRN (N)	11B15F	T	IO 1 14	
W/BLU (B)	11B15L	U	IO 1 15	
W/VIO (V)	11B15T	V	IO 1 16	
W/GRY (G)	11B15X	W	IO 1 17	
WHT (W)		X	IO 0 0	
		Y		
		Z		

DRAWN P.D. 2-18-65

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INCOMPLETE DRAWING

LOCKHEED EQUIPMENT CORPORATION
MARLBORO, MASSACHUSETTS

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

APPV

ECO NO.
REV LTR

22 PIN AMPHENOL

TITLE

Socket Wiring
(IO Outputs)

DWG NO A-ID-48-67

REV. LTR.

SHEET 1 OF 2

CODE CL

JACK [X] PLUG [ ]

FEMALE [ ] MALE [X]

LOCATION, LENGTH, ROUTE

3' Long (Rdr & Pun Pulses)
11B26

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)	11B14V	A	IO 1 0	
W/BRN (Z)	11B14Z	B	IO 1 1	
W/RED (R)	11B14F	C	IO 1 2	
W/ORN (O)	11B14L	D	IO 1 3	
W/YEL (Y)	11B14T	E	IO 1 4	
W/GRN (N)	11B14X	F	IO 1 5	
W/BLU (B)		H	IO 1 6	
W/VIO (V)		J	IO 1 7	
W/GRY (G)		K	IO 1 8	
WHT (W)		L		
W/BLK (X)		M	IO 1 9	
W/BRN (Z)	11B15J	N	IO 1 10	
W/RED (R)	11B15N	P	IO 1 11	
W/ORN (O)	11B15V	R	IO 1 12	
W/YEL (Y)	11B15Z	S	IO 1 13	
W/GRN (N)	11B15F	T	IO 1 14	
W/BLU (B)	11B15L	U	IO 1 15	
W/VIO (V)	11B15T	V	IO 1 16	
W/GRY (G)	11B15X	W	IO 1 17	
WHT (W)		X	IO 0 0	
		Y		
		Z		

DRAWN PD 2-18-65

CHECKED

ENG

INCOMPLETE DRAWING

LEAR SIEGLER CORPORATION
LAWRENCE, MASSACHUSETTS

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

APPV

ECO NO
REV LTR

22 PIN AMPHENOL

TITLE

Socket Wiring
(IO Outputs)

DWG NO A-ID-48-67

REV. LTR.

SHEET 1 OF 2

CODE CL

JACK [X] PLUG [ ]

FEMALE [ ] MALE [X]

LOCATION, LENGTH, ROUTE

3' Long (Rdr & Pun Pulses)

11B27

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)	Gnd	A	Gnd	
W/BRN (Z)	11A6Y	B	RPA	
W/RED (R)	Gnd	C	Gnd	
W/ORN (O)	11A6V	D	RPB	
W/YEL (Y)	11A4K	E	Gnd	
W/GRN (N)	11A4J	F	↳IO	
W/BLU (B)	11A4F	H	Gnd	
W/VIO (V)	11A4E	J	RDR RTN	
W/GRY (G)	Gnd	K	RDR RTN	
WHT (W)	11A5W	L	RIM[1] + RCP[1]	
W/BLK (X)	Gnd	M	Gnd	
W/BRN (Z)	11B15P	N	PPA	
W/RED (R)	Gnd	P	Gnd	
W/ORN (O)	11B14P	R	PPB	
W/YEL (Y)	Gnd	S	Gnd	
W/GRN (N)	11B10E	T	Pun Done	
W/BLU (B)	Gnd	U	Gnd	
W/VIO (V)	11B7H	V	↳PB on PPA	
W/GRY (G)	Gnd	W	Gnd	
WHT (W)	11B10E	X	↳PB on PPB	
		Y		
		Z		

DRAWN PD 2-19-65

CHECKED

ENG

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

22 PIN AMPHENOL

TITLE

Socket Wiring

(IO Outputs)

APP'V

ECO. NO.

REV. LTR.

DWG NO. A-ID-48-67

REV LTR.

SHEET 2 OF 2

CODE CL

JACK [X] PLUG [ ]

FEMALE [ ] MALE [X]

LOCATION, LENGTH, ROUTE

3' Long
11C26

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)	11B25F	A	ON 1	
W/BRN (Z)	11B25J	B	PB 1 10	
W/RED (R)	11B25L	C	PB 1 11	
W/ORN (O)	11B25N	D	PB 1 12	
W/YEL (Y)	11B25R	E	PB 1 13	
W/GRN (N)	11B25T	F	PB 1 14	
W/BLU (B)	11B25V	H	PB 1 15	
W/VIO (V)	11B25X	J	PB 1 16	
W/GRY (G)	11B25Z	K	PB 1 17	
WHT (W)		L		
W/BLK (X)	11C25F	M	TYO 1	
W/BRN (Z)		N		
W/RED (R)	11C25J	P	STATUS 1	
W/ORN (O)	11C25L	R	BLACK 1	
W/YEL (Y)	11C25N	S	TB 1 12	
W/GRN (N)	11C25R	T	TB 1 13	
W/BLU (B)	11C25T	U	TB 1 14	
W/VIO (V)	11C25V	V	TB 1 15	
W/GRY (G)	11C25X	W	TB 1 16	
WHT (W)	11G25Z	X	TB 1 17	
		Y		
		Z		

DRAWN

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INCOMPLETE DRAWING

DELCO ELECTRONICS CORPORATION
SANDUSKY, MASSACHUSETTS

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

APPR'V

BCO NO.

REV LTR

22 PIN AMPHENOL

TITLE

Socket Wiring

(pun & Type indicators)

DWG NO A-ID-48-68

REV. LTR.

SHEET 1 OF 2

CODE CL

JACK [X]	PLUG [ ]	LOCATION, LENGTH, ROUTE
FEMALE [ ]	MALE [X]	3' Long (Type buffers & Pulses - 11C27 Buffers are thru 220Ω res)

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)	11C20J	A	TBS 1 0	
W/BRN (Z)	11C20V	B	TB 1 2 1	
W/RED (R)	11C20Z	C	TB 1 3 1	
W/ORN (O)	11C19J	D	TB 1 4 1	
W/YEL (Y)	11C19M	E	TB 1 5 1	
W/GRN (N)	11C19V	F	TB 1 6 1	
W/BLU (B)	11C19Z	H	TB 17	
W/VIO (V)	Gnd	J	Gnd	
W/GRY (G)	11C11S	K	C1 TB'S	
WHT (W)	Gnd	L	Gnd	
W/BLK (X)	11C16F	M	TY1	
W/BRN (Z)	Gnd	N	Gnd	
W/RED (R)	11C10S	P	TYO	
W/ORN (O)	11C10F	R	Gnd	
W/YEL (Y)	11C10E	S	TYO DONE	
W/GRN (N)	11C1F	T	Gnd	
W/BLU (B)	11B5M	U	TYP Syno	
W/VIO (V)	Gnd	V	Gnd	
W/GRY (G)	11C8R	W	TYo'	
WHT (W)	11B8E	X	Pun On'	
		Y		
		Z		

DRAWN G. Mc Cl. P.D. 2-19-65

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digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

APP'V

ECO. NO.
REV. LTR.

22 PIN AMPHENOL

TITLE Socket Wiring

(Pun & Typw Indicators)

DWG NO A-ID-48-68

REV. LTR.

SHEET 2 OF 2

CODE

COLOR	NAME	PIN	PIN	REMARKS
		1A1S	1P15X	
		1A1W	1D10E	
		1A6E	1K20W	
		1A6H	1F1E	
GRY		1A6S	1D8N	TWP
YEL		1A7M	1K11R	TWP
		1A7N	1D11W	
YEL		1A8F	1D3H	
		1A8N	2R3V	
GRY		1A8S	1F2K	TWP
GRY		1A9S	1K3M	TWP
GRY		1A9V	1D1S	TWP
BLU		1A9Y	1K7Z	
		1A10S	1F2K	
BLU		1A10V	1F9Z	
YEL		1A11J	2A12F	TWP
YEL		1A11W	2A14F	TWP
YEL		1A11T	2A13F	TWP
YEL		1A11X	2A15F	TWP
YEL		1A15J	2A16F	TWP
YEL		1A15M	2A18F	TWP
YEL		1A15T	2A17F	TWP
YEL		1A15X	2A19F	TWP
YEL		1A23J	2A20F	TWP
YEL		1A23M	2A22F	TWP

DRAWN P.D. 2-16-65

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INCOMPLETE DRAWING

ENGINEERING CORPORATION

CAMBRIDGE, MASSACHUSETTS

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

APPV

ECO NO.

REV. LTR.

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP

1A 1B 1C

DWG NO A-1D-48-69

REV. LTR.

SHEET 1 OF 5

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
YEL		1A23T	2A21F	TWP
YEL		1A23X	2B23F	TWP
GRY		1B2M	1F24K	TWP
		1B4E	1F20H	
		1B4S	1F18R	
GRY		1B5Y	1F7K	TWP
		1B6V	1F2V	
GRY		1B6Y	1F2Y	TWP
GRY		1B7M	1F3Y	TWP
		1B7S	1H7S	
		1B7V	1F7F	
		1B7X	1F7V	
YEL		1B8E	2C17E	TWP
YEL		1B8J	2C16E	TWP
YEL		1B8M	2C15E	TWP
YEL		1B8R	2C14E	TWP
YEL		1B8U	2C13E	TWP
YEL		1B8X	2C12E	TWP
GRY		1B22V	1D9J	TWP
GRY		1B22Y	1D1M	TWP
YEL		1B25E	2C23E	TWP
YEL		1B25J	2C22E	TWP
YEL		1B25M	2C21E	TWP
YEL		1B25R	2C20E	TWP
YEL		1B25U	2C19E	TWP

DRAWN PD 2-19-65
D. Bergeron 2-15-63

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ENG

digital
EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

APP'V

ECO. NO.
REV. LTR.

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP

1A 1B 1C

DWG NO A-ID-48-69

REV. LTR.

SHEET 2 OF 5

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
YEL		1M25X	2C1BM	TWP
		1C2H	1F19Z	TWP
		1C2Z	2C3S	
		1C3H	1B6P	
		1C3M	1E2S	
		1C4H	1B6U	
		1C4S	1B9M	
		1C4U	2A2W	
GRY		1C5L	2A3L	TWP
GRY		1C5S	1D9M	
GRY		1C5T	2A3P	TWP
GRY		1C5Y	2F2Y	TWP
		1C7E	1D10E	
		1C7W	1D6M	
GRY		1C8L	2C5R	TWP
GRY		1C8S	1D7S	
GRY		1C8Y	1F3S	TWP
GRY		1C8Z	2B3L	TWP
		1C9E	1E3M	
		1C9S	1D17S	
		1C9W	1D16S	
GRY		1C10S	1F2S	TWP
GRY		1C10Y	1H17Z	TWP
		1C11M	1D6H	
YEL		1C11S	2A5Y	

DRAWN PD-2-14-69
D.Bergeron 2-15-63

CHECKED

ENG

digital
EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

APP'V

ECO. NO.
REV. LTR.

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP

1A 1B 1C

DWG NO A-ID-48-69

REV LTR.

SHEET 3 OF 5

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
		1C12K	1F12L	
		1C12M	1F12H	
		1C12W	1F14T	
		1C13S	1F12P	
		1C13W	1D17H	
		1C13Z	2B24M	
YEL		1C14W	2A5V	TWP
		1C15F	2B24V	
BLU		1C15N	2A5S	TWP
		1C15P	1F22P	
		1C15R	1D16H	
		1C15U	1D11H	
		1C15V	1K13Z	
		1C15W	1F21V	
GRY		1C16K	1D1V	TWP
GRY		1C16N	2B24F	TWP
GRY		1C16Y	1D12M	
GRY		1C16Z	2A4H	TWP
		1C17H	1F18U	
		1C17M	1K14N	
		1C17S	1F11W	
		1C17W	1D10H	
		1C18M	1D13H	
		1C18W	1F23P	
		1C19E	1D14M	

DRAWN PD 2-14-63
R.Bergeron 2-15-63
CHECKED
ENG

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP

1A 1B 1C

APP'V
ECO. NO.
REV. LTR.

DWG NO A-ID-48-69
REV. LTR.
SHEET 4 OF 5
CODE CL

COLOR	NAME	PIN	PIN	REMARKS
		1C19H	1F21Y	
GRY		1C19W	1B7X	TWP
GRY		1C19Y	2B3R	TWP
		1C20R	2B24K	
		1C20S	2E25F	
BLU		1C20W	2A5M	TWP
		1C21R	1F14P	
		1C21U	1F14L	
		1C21V	1F13H	
		1C21W	2D2W	
		1C21X	2D2M	
		1C22M	2D3M	
GRY		1C23L	2C4L	TWP
GRY		1C23T	2C4H	
GRY		1C23Y	2C2S	TWP
GRY		1C23E	2C4P	TWP
GRY		1C24K	2C5H	TWP
GRY		1C24Y	2C5L	TWP
GRY		1C20E	2K3K	TWP
GRY		1C24M	2L6R	TWP
GRY		1C24W	2L8E	TWP
GRY		1C24R	2K4S	TWP

DRAWN PD 2-19-65
D. Bergeron 2-15-63
CHECKED
ENG

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

APP'V
ECO. NO.
REV. LTR.

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP

1A 1B 1C

DWG. NO. A-1D-48-69
REV. LTR.
SHEET 5 OF 8
CODE OL

COLOR	NAME	PIN	PIN	REMARKS
GRY		1D1M	1K9E	TWP
GRY		1D1S	2C1W	TWP
		1D2E	1H1Y	
		1D2P	1K10H	
		1D2S	1J18R	
		1D3M	1K16H	
BLU		1D3Y	1H1H	
		1D6S	1J11W	
GRY		1D7F	1H13J	TWP
GRY		1D7K	1H17E	TWP
GRY		1D7Y	1H8R	TWP
GRY		1D8N	1H9E	TWP
GRY		1D8V	1H9M	TWP
GRY		1D9M	2F2K	TWP
		1D10H	2D11R	
GRY		1D10W	3J21M	TWP
BLU		1D11H	1K12H	
GRY		1D11M	1E20J	TWP
GRY		1D12W	2B24S	TWP
YEL		1D13W	2B5L	TWP
		1D14W	2H7R	
		1D15L	2C1E	
BLU		1D15W	2C2P	
		1D16W	2E24F	
BLU		1D17M	2B5N	

DRAWN P.O. 2-19-66

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ENG

INCOMPLETE DRAWING

EQUIPMENT CORPORATION
CAMBRIDGE, MASSACHUSETTS

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

APP'V

ECO NO.

REV. LTR.

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP

1D 1E 1F

DWG NO A-1D-48-70

REV. LTR.

SHEET 1 OF 6

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
		1D22E	2D21R	
		1D22F	2D21T	
		1D22H	2D23L	
		1D22J	2D23N	
		1D22K	2D23R	
		1D22L	2D23T	
		1D22S	1L1N	
		1D23E	2D19L	
		1D23F	2D19N	
		1D23H	2D19R	
		1D23J	2D19T	
		1D23K	2D21L	
		1D23L	2D21N	
YEL		1D23R	1L1U	
		1D24E	2D15R	
		1D24F	2D15T	
		1D24H	2D17L	
		1D24J	2D17N	
		1D24K	2D17R	
		1D24L	2D17T	
		1D24R	1L1L	
		1D25E	2D13L	
		1D25F	2D13N	
		1D25H	2D13R	
		1D25J	2D13T	

DRAWN PD 2-19-65
D. Bergeron 3-12-63
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digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP

1D 1E 1F

APP'V
ECO. NO.
REV. LTR.

DWG NO A-1D-48-70
REV. LTR.
SHEET 2 OF 6
CODE CL

COLOR	NAME	PIN	PIN	REMARKS
		1D25K	2C1F	
		1D25L	2D15N	
		1D25R	1L1M	
		1E4R	2F4F	
		1E6M	1H25S	
		1E6R	2H2S	
		1E6S	1J19S	
		1E6V	2F1S	
		1E6Z	2A2M	
		1E7P	2A2S	
		1E7S	2A25S	
		1E8E	2H23S	
		1E8H	2H23H	
		1E8V	2H3W	
		1E9E	2A5F	
		1E9J	2A25W	
GRY		1E14V	1E14E	TWP
YEL		1E18E	3J12K	
GRY		1E18K	3J23K	TWP
YEL		1E18R	3J12M	
GRY		1E18V	3J23N	TWP
YEL		1E20E	3J11S	
GRY		1E20K	3J22N	TWP
YEL		1E20R	3J11U	
GRY		1E20V	3J23F	TWP

DRAWN PD 2-19-65
D. Bergeron 3-12-63
CHECKED
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digital
EQUIPMENT
CORPORATION
MAYNARD, MASSACHUSETTS

APP'V
ECO. NO.
REV. LTR.

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP

1D 1E 1F

DWG NO A-1D-48-70
REV. LTR.
SHEET 3 OF 6
CODE CL

COLOR	NAME	PIN	PIN	REMARKS
YEL		1E22E	3J11K	
GRY		1E22K	3J22F	TWP
YEL		1E22R	3J11M	
GRY		1E22V	3J22K	TWP
		1F1E	1K23T	
GRY		1F1M	1J2E	TWP
GRY		1F1S	1J5E	TWP
GRY		1F1W	1J4E	TWP
GRY		1F2K	1J12X	TWP
BLU		1F2N	1K1E	
GRY		1F2S	1H13E	
		1F2V	1H6W	
GRY		1F2Y	1H6H	
GRY		1F3S	1H13M	
YEL		1F3V	1K5H	
GRY		1F3Y	1J9J	TWP
YEL		1F4H	1K4V	
YEL		1F4T	1K4W	
YEL		1F6H	2C6J	
YEL		1F6T	2C6M	
GRY		1F7K	2C5S	TWP
		1F7N	1H6S	
		1F7V	1H6N	
GRY		1F7S	1K3E	TWP
		1F7Z	2A2H	

DRAWN PD 2-19-65
D. Bergeron 3-12-63
CHECKED
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digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP

1D 1E 1F

APP'V
ECO. NO.
REV. LTR.

DWG NO A-ID-48-70
REV. LTR.
SHEET 4 OF 6
CODE CL

COLOR	NAME	PIN	PIN	REMARKS
YEL		1F8H	2D9K	
YEL		1F8T	2C8M	
YEL		1F9H	2C9M	
YEL		1F9R	1H5W	
GRY		1F9S	1J6E	TWP
BLU		1F9Z	1J8X	
		1F11P	1K10V	
		1F11T	1K10V	
		1F11W	1K10W	
		1F11Z	1J16M	
		1F13L	2H2H	
		1F13P	2D2V	
		1F13T	2D2R	
		1F13W	2D2U	
		1F13Z	1H5S	
		1F14H	1J7H	
		1F14W	1K1M	
		1F15L	2F1M	THROUGH STANDOFF
		1F15P	2D1E	
		1F15Z	1K12M	
		1F16E	1K18E	
		1F16L	2H2M	THROUGH STANDOFF
		1F18L	1K10L	
		1F18W	1K20J	
		1F19S	1L2E	

DRAWN PD 2-19-65
D. Bergeron 3-12-63

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digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

APP'V

ECO. NO.
REV. LTR.

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP

1D 1E 1F

DWG NO A-1D-48-70

REV. LTR.

SHEET 5 OF 6

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
BLU		1F20S	1K15E	
		1F22K	2E23W	
		1F22S	1K10X	
		1F22Z	2F1E	
		1F23H	1K23S	
		1F23R	1H25M	
		1F23S	2D2Y	
GRY		1F24K	2H1J	TWP
GRY		1F24V	1H9J	TWP
GRY		1F24X	1H20M	TWP
GRY		1F25S	1H23E	TWP
		1F25V	1H20E	
GRY		1D10M	2K4E	TWP

DRAWN PD 2-19-65
D. Bergeron 3-12-63
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digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

APP'V
ECO. NO.
REV. LTR.

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP

1D 1E 1F

DWG NO A-1D-48-70

REV. LTR.

SHEET 6 OF 6

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
		2A2H	2H23M	
GRAY		2A3S	2F2V	TWP
BLUE		2A5N	2F4N	TWP
BLUE		2A5S	2F4S	TWP
YELLOW		2A5Y	2F4Y	TWP
BLUE		2A24H	2D25K	TWP
BLUE		2A24S	2F23F	TWP
YELLOW		2A24W	2F23K	TWP
		2A25W	2H3S	
GRAY		2B3S	2D4Y	TWP
BLUE		2B7R	2E6R	
		2B8R	2E8E	
		2B9R	2E8R	
		2B10R	2E10E	
		2B11R	2E10R	
		2B12R	2E12E	
		2B13R	2E12R	
		2B14R	2E14E	
		2B14R	2E14R	
		2B16R	2E16E	
		2B17R	2E16R	
		2B18R	2E18E	
		2B19R	2E18R	
		2B20R	2E20E	
		2B21R	2E20R	

DRAWN PD 2-19-65

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INCOMPLETE DRAWING

CORPORATION

MASSACHUSETTS

APPV

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

ECO NO.

REV. LTR.

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP 2A, 2B, 2C

DWG NO A-1D-48-71

REV. LTR.

SHEET 1 OF 4

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
BLUE		2B22R	2E22E	
YELLWO		2B22Z	2E22U	
BLUE		2B23R	2E22R	
		2C1F	2D15L	
GRAY		2C2S	2D4K	
BLUE		2C3J	2E6E	TWP
YELLOW		2C3N	2E6J	
GRAY		2C5S	2E5S	TWP
YELLOW		2C6J	2D6E	
YELLOW		2C6M	2D6R	
YELLOW		2C6S	2E6U	
BLUE		2C6U	2D6P	
YELLOW		2C7M	2D8E	
YELLOW		2C7S	2E8J	
BLUE		2C7U	2D6Z	
YELLOW		2C8M	2D8R	
YELLOW		2C8S	2E8U	
BLUE		2C8U	2D8P	
YELLOW		2C9M	2D10E	
YELLOW		2C9S	2E10J	
BLUE		2C9U	2D8Z	
YELLOW		2C10M	2D10R	
YELLOW		2C10S	2E10U	
BLUE		2C10U	2D10P	
YELLOW		2C11M	2D12E	

DRAWN Anne Muller pp - 2-19-63 9-13-63

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digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

APP'V

ECO. NO.
REV. LTR.

GENERAL WIRING SHEET

TITLE
WIRING SCHEDULE FOR
STANDARD PDP

2A , 2B , 2C

DWG NO A-ID-48-71

REV. LTR.

SHEET 2 OF 4

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
YELLOW		2C11S	2E12J	
BLUE		2C11U	2D10Z	
YELLOW		2C12M	2D12R	
YELLOW		2C12S	2E12U	
BLUE		2C12U	2D12P	
YELLOW		2C13M	2D14E	
YELLOW		2C13S	2E14J	
BLUE		2C13U	2D12Z	
YELLOW		2C14M	2D14R	
YELLOW		2C14S	2E14V	
BLUE		2C14U	2D14P	
YELLOW		2C15M	2D16E	
YELLOW		2C15S	2E16J	
BLUE		2C15U	2D14Z	
YELLOW		2C16M	2D16R	
YELLOW		2C16S	2E16V	
BLUE		2C16U	2D16P	
YELLOW		2C17M	2D18E	
YELLOW		2C17S	2E18J	
BLUE		2C17U	2D16Z	
YELLOW		2C18M	2D18R	
YELLOW		2C18S	2E18U	
BLUE		2C18U	2D18P	
YELLOW		2C19M	2D20E	
YELLOW		2C19S	2E20J	

DRAWN Anne Mullen PD 2-19-65 3-13-65

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ENG

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

APP'V

ECO. NO.
REV. LTR.

GENERAL WIRING SHEET

TITLE
WIRING SCHEDULE FOR
STANDARD PDP

2A , 2B , 2C

DWG NO A-ID-48-71

REV. LTR.

SHEET 3 OF 4

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
BLUE		2C19U	2D18Z	
YELLOW		2C20M	2D20R	
YELLOW		2C20S	2E20U	
BLUE		2C20U	2D20P	
YELLOW		2C21M	2D22E	
YELLOW		2C21S	2E22J	
BLUE		2C21U	2D20Z	
YELLOW		2C22M	2D22R	
YELLOW		2C22S	2E25R	
BLUE		2C22U	2D22P	
YELLOW		2C23S	2E24K	
BLUE		2C23U	2D22Z	
GRAY		2A3V	2L14E	TWP
GRAY		2B24Y	2L3M	TWP
		2C4Y	2K11S	TWP
GRAY		2A4Y	2K8M	TWP
		2B5N	2K5M	
BLUE		2A3Y	2K5W	TWP
		2B5L	2K3S	

DRAWN Anne Mullen PD 2-19-65 3-19-65

CHECKED

ENG

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

APP'V

ECO. NO.
REV. LTR.

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP

2A, 2B, 2C

DWG NO A-ID-48-71

REV. LTR.

SHEET 4 OF 4

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
		2D5W	2H2E	
YELLOW		2D6R	2H6T	
YELLOW		2D7K	2H6H	
YELLOW		2D8E	2H8H	
YELLOW		2D8R	2H8T	
YELLOW		2D10E	2H10H	
YELLOW		2D10R	2H10T	
		2D11R	3J18K	
		2D11T	3J18S	
YELLOW		2D12E	2H12H	
YELLOW		2D12R	2H12T	
		2D13L	2F1H	
		2D13N	3J18N	
		2D13R	2F1W	
YELLOW		2D14E	2H14H	
		2D14R	2H14T	
		2D16E	2H16H	
		2D16R	2H16T	
		2D18E	2H18H	
		2D18R	2H18T	
		2D20E	2H20H	
		2D20R	2H20T	
		2D22E	2H22H	
YELLOW		2D22R	2H22T	
BLUE		2D25K	2F24F	

INCOMPLETE DRAWING

DRAWN DD 3-18-66

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EQUIPMENT CORPORATION
BEDFORD, MASSACHUSETTS

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

APPV

ECO NO.

REV LTR

GENERAL WIRING SHEET

TITLE

WIRING SCHEDULE FOR STANDARD PDP

2D 2E

DWG NO A-ID-48-72

REV. LTR.

SHEET 1 OF 3

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
GRAY		2E2E	2H18K	TWP
		2E2J	2H6K	TWP
		2E2M	2H12K	TWP
		2E4Y	2H5S	TWP
GRAY		2E5Y	2H3H	TWP
YELLOW		2E6M	2F6X	
		2E6X	2F7X	
		2E8M	2F8X	
		2E8X	2F9X	
		2E10M	2F10X	
		2E10X	2F11X	
		2E12M	2F12X	
		2E12X	2F13X	
		2E14M	2F14X	
		2E14X	2F15X	
		2E16M	2F16X	
		2E16X	2F17X	
		2E18M	2F18X	
		2E18X	2F19X	
		2E20M	2F20X	
		2E20X	2F21X	
		2E22M	2F22X	
		2E22X	2F21N	
		2E24K	2F23N	
YELLOW		2E24L	2F24K	

DRAWN PD 2-19-65 Anne Mulkern 3-13-63

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ENG

digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

APP'V

ECO. NO.

REV. LTR.

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP

2D 2E

DWG NO A-ID-48-72

REV. LTR.

SHEET 2 OF 3

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
YELLOW		2E24M	2F24N	
		2E24N	2F24S	
		2E24P	2F24V	
		2E24R	2F24Y	
		2E24U	2F25F	
		2E24V	2F25K	
		2E24W	2F25N	
		2E24X	2F25S	
YELLOW		2E25R	2F4V	TWP
WHITE		2D7L	2K4Y	
WHITE		2E7K	2K3W	
GRAY		2E01M	2L18E	TWP
		2E24F	2K10E	
		2E25T	2K9E	
GRAY		2E2V	2K8J	TWP
GRAY		2E1H	2K5E	TWP
GRAY		2E3V	2K4J	TWP

DRAWN PD 2-19-65 Anne Mullen 3-13-63

CHECKED

ENG

digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

APP'V

ECO. NO. REV. LTR.

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP

2D 2E

DWG NO A-ID-48-72

REV. LTR.

SHEET 3 OF 3

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
		2F1H	3J19V	
GRAY		2H1J	3H24J2	TWP
YELLOW		2H1V	3J15F	TWP
GRAY		2H4V	3J21E	TWP
GRAY		2J1V	3J8E	TWP
GRAY		2J1Y	3J20E ROW 3	TWP
GRAY		2J3H	3J8J	TWP
GRAY		2J19H	3J5M	TWP
11		2F2V	2L11E	TWP
GRAY		2F2Y	2K3H	TWP
YELLOW		2F4V	2K8Y	TWP
GRAY		2H3H	2K11E	TWP
GRAY		2H5Y	2K11J	TWP
BLUE		2H6P	2K7E	
YELLOW		2H22R	2L3S	
BLUE		2H22Z	2L2S	
WHITE		2H25F	2K6S	

INCOMPLETE DRAWING

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

DRAWN PD 2-19-65
Anne Mullen 3/14/63

CHECKED

ENG

digital
EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

GENERAL WIRING SHEET

TITLE

WIRING SCHEDULE FOR
STANDARD PDP
2F 2H 2J

APP'V

ECO. NO.
REV. LTR.

DWG NO A-ID-48-73

REV. LTR

SHEET 1 OF 1

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
		1H1E	1L5F	
GRAY		1H3Y	2J1Y	TWP
		1H5S	2D3H	
GRAY		1H9Y	1L2M	TWP
GRAY		1H13J	2D5S	TWP
GRAY		1H14R	2H4K	TWP
GRAY		1H17E	2E4K	TWP
GRAY		1H19X	2H4S	TWP
		1H20M	2C1H	TWP
		1H24E	3H24G ROW 2	
BLUE		1J8X	2E5V	
GRAY		1J9J	2C1M	TWP
YELLOW		1J11S	2H3E	
GRAY		1J15H	3J9E	TWP
GRAY		1J18F	3J21J	TWP
		1J19S	2D11T	
GRAY		1J23E	3J3M	TWP
GRAY		1J23S	1L2S	TWP
GRAY		1J24N	1L7M	TWP
GRAY		1J25E	3H7Y	TWP
GRAY		1J25J	3H24C	TWP
GRAY		1J25M	3H8Y	TWP
GRAY		1K3M	2B3S	TWP
YELLOW		1K11E	1L5U	
		1K11F	3J9J	TWP

DRAWN PD 2-19-65

CHECKED

ENG

INCOMPLETE DRAWING

DIGITAL EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

APP'V

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

ECO NO. REV. LTR.

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP

1H 1J 1K

DWG NO A-ID-48-74

SHEET 1 OF 2

REV. LTR

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
		1K11P	1L1R	
GRAY		1K11X	1L6M	
		1K16V	1L2E	
		1K23E	2D3E	
		1K23S	2D1S	
		1K23T	1L7H	
		1K23W	2D1W	
		1K25M	3J18V	
		1K25R	3H7Z	
GRAY		1H11X	2K11Y	TWP
GRAY		1K1W	2K11V	TWP
		1K5V	2K17U	
		1K5W	2L12E	
GRAY		1K7S	2L16M	TWP
GRAY		1K7Y	2K16K	TWP
GRAY		1K9H	2K18S	TWP
GRAY		1K24W	2K15F	TWP
		1K25S	2L12M	
		1E16 SWITCH	2L12S	
		1H16 SWITCH	2L12W	

DRAWN Anne Mullen 3/15/63 PP 2-19-65

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ENG

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

APP'V

ECO. NO.

REV. LTR.

GENERAL WIRING SHEET

TITLE WIRING SCHEDULE FOR STANDARD PDP 1H 1J 1K

DWG NO A-ID-48-74

REV. LTR.

SHEET 2 OF 2

CODE CL

JACK [X] PLUG [ ]

FEMALE [ ] MALE [X]

LOCATION, LENGTH, ROUTE

R1A23

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)		A		
W/BRN (Z)		B		
W/RED (R)	R1A4J	C	Sync- 0	
W/ORN (O)	R1A4N	D	Sync- 1	
W/YEL (Y)	R1A4V	E	Sync- 2	
W/GRN (N)	R1A4Z	F	Sync- 3	
W/BLU (B)	R1C12J	H	Sync- 4	
W/VIO (V)	R1C12N	J	Sync- 5	
W/GRY (G)	R1C12V	K	Sync- 6	
WHT (W)		L		
W/BLK (X)	R1C12Z	M	Sync- 7	
W/BRN (Z)	R1B4J	N	Sync-10	
W/RED (R)	R1B4N	P	Sync-11	
W/ORN (O)	R1B4V	R	Sync-12	
W/YEL (Y)	R1B4Z	S	Sync-13	
W/GRN (N)	R1C17J	T	Sync-14	
W/BLU (B)	R1C17N	U	Sync-15	
W/VIO (V)	R1C17V	V	Sync-16	
W/GRY (G)	R1C17Z	W	Sync-17	
WHT (W)		X		
		Y		
		Z		

INCOMPLETE DRAWING

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

DRAWN R. Marquardt 2-19-65

CHECKE

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digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

APPV

ECO. NO.
REV. LTR.

22 PIN AMPHENOL

TITLE

Type 120

Sequence Break Indicator

DWG NO A-1D-48-75

REV. LTR.

SHEET 1 OF 2

CODE CL

JACK [X]	PLUG [ ]	LOCATION, LENGTH, ROUTE
FEMALE [ ]	MALE [X]	R1B23

COLOR	PIN	PIN	NAME	REMARKS
W/BLK (X)		A		
W/BRN (Z)		B		
W/RED (R)	R1A2J	C	Channel On - 0	
W/ORN (O)	R1A2N	D	1	
W/YEL (Y)	R1A2V	E	2	
W/GRN (N)	R1A2Z	F	3	
W/BLU (B)	R1C14J	H	4	
W/VIO (V)	R1C14N	J	5	
W/GRY (G)	R1C14V	K	Channel On - 6	
WHT (W)		L		
W/BLK (X)	R1C14Z	M	Channel On - 7	
W/BRN (Z)	R1B2J	N	10	
W/RED (R)	R1B2N	P	11	
W/ORN (O)	R1B2V	R	12	
W/YEL (Y)	R1B2Z	S	13	
W/GRN (N)	R1C19J	T	14	
W/BLU (B)	R1C19N	U	15	
W/VIO (V)	R1C19V	V	16	
W/GRY (G)	R1C19Z	W	Channel On -17	
WHT (W)		X		
		Y		
		Z		

DRAWN [illegible] 2-17-65

CHECKED

ENG

digital EQUIPMENT CORPORATION
MAYNARD MASSACHUSETTS

22 PIN AMPHENOL

TITLE

Type 120

Sequence Break Indicator

APP'V

ECO. NO.
REV. LTR.

DWG NO A-ID-48-75

REV. LTR.

SHEET 2 OF 2

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
W/BLK	AC 00	3H13A	2F24H	
W/BRN	AC 01	3H13B	2F24L	
W/RED	AC 02	3H13C	2F24P	
W/ORN	AC 03	3H13D	2F24T	
W/YEL	AC 04	3H13E	2F24W	
W/GRN	AC 05	3H13F	2F24Z	
W/BLU	AC 06	3H13G	2F25H	
W/VIO	AC 07	3H13H	2F25L	
W/GRY	AC 08	3H13J	2F25P	
WHT		3H13K		
W/BLK	AC 09	3H13L	2F25T	
W/BRN	AC 10	3H13M	2F25W	
W/RED	AC 11	3H13N	2F25Z	
W/ORN		3H13P		
W/YEL		3H13R		
W/GRN		3H13S		
W/BLU	AC 15	3H16A	2E21L	
W/VIO	AC 16	3H16B	2E21N	
W/GRY	AC 17	3H16C	2E21R	

DRAWN

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ENG

INCOMPLETE DRAWING

EDO-AIL-ELMIRA CORPORATION
NEW YORK MASSACHUSETTS

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

APP'V

ECO NO
REV LTR

GENERAL WIRING SHEET

TITLE AC 0 (b) to IOT

DWG NO A-ID-48-76

REV. LTR.

SHEET OF

CODE

COLOR	NAME	PIN	PIN	REMARKS
W/BLK	MB 10	3H14A	2E7L	
W/BRN	MB 11	3H14B	2E7R	
W/RED	MB 12	3H14C	2E7N	
W/ORN	MB 13	3H14D	2E7T	
W/YEL	MB 14	3H14E	2E11L	
W/GRN	MB 15	3H14F	2E11R	
W/BLU	MB 16	3H14G	2E11N	
W/VIO	MB 17	3H14H	2E11T	
W/GRY	MB 18	3H14J	2E15L	
WHT		3H14K		
W/BLK	MB 19	3H14L	2E15R	
W/BRN	MB 110	3H14M	2E15N	
W/RED	MB 111	3H14N	2E15T	
W/ORN	MB 112	3H14P	2E19L	
W/YEL	MB 113	3H14R	2E19R	
W/GRN	MB 114	3H14S	2E19N	
W/BLU	MB 115	3H14T	2E19T	
W/VIO	MB 116	3H14U	2E23L	
W/GRY	MB 117	3H14V	2E23R	
WHT		3H14W		

DRAWN PD 2-19-65
D. Bergren 2-10-63
CHECKED
ENG

INCOMPLETE DRAWING

DIGITAL EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

APPV'D

REVISIONS

REV	DATE	ENG	REV	DATE	ENG	ECO NO. REV. LTR.

GENERAL WIRING SHEET

TITLE MB1 1685 Drivers to IOT Outputs

Used on HSC Option only

Taper Pins

DWG NO A-ID-48-77

REV. LTR.

SHEET OF

CODE

COLOR	NAME	PIN	PIN	REMARKS
W/BLK	IO^{1}_{0}	3H17A Row 3	2H7L	
W/BRN	IO^{1}_{1}	3H17B Row 3	2H7N	
W/RED	IO^{1}_{2}	3H17C Row 3	2H11L	
W/ORN	IO^{1}_{3}	3H17D Row 3	2H11N	
W/YEL	IO^{1}_{4}	3H17E Row 3	2H11R	
W/GRN	IO^{1}_{5}	3H17F Row 3	2H11T	
W/BLU	IO^{1}_{6}	3H17G Row 3	2H13L	
W/VIO	IO^{1}_{7}	3H17H Row 3	2H13N	
W/GRY	IO^{1}_{8}	3H17J Row 3	2H13R	
WHT		3H17K Row 3		
W/BLK	IO^{1}_{9}	3H17L Row 3	2H13T	
W/BRN	IO^{1}_{10}	3H17M Row 3	2H17L	
W/RED	IO^{1}_{11}	3H17N Row 3	2H17N	
W/ORN	IO^{1}_{12}	3H17P Row 3	2H17R	
W/YEL	IO^{1}_{13}	3H17R Row 3	2H17T	
W/GRN	IO^{1}_{14}	3H17S Row 3	2H19L	
W/BLU	IO^{1}_{15}	3H17T Row 3	2H19N	
W/VIO	IO^{1}_{16}	3H17U Row 3	2H19R	
W/GRY	IO^{1}_{17}	3H17V Row 3	2H19T	
WHT	IO^{0}_{0}	3H17W Row 3	2H7R	

INCOMPLETE DRAWING

DRAWN [illegible]

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ENG

EQUIPMENT CORPORATION

MASSACHUSETTS

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

APPV

ECO NO.

REV. LTR.

GENERAL WIRING SHEET

TITLE PDP-1C CABLE SCHEDULE

I/O Outputs IOT - IO

Taper pins

Length 50"

DWG NO A-ID-48-78

REV. LTR.

SHEET OF

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
W/BLK	RB0	3H20A Row 1	2J3F	
W/BRN	RB1	3H20B Row 1	2J3T	
W/RED	RB2	3H20C Row 1	2J5F	
W/ORN	RB3	3H20D Row 1	2J5T	
W/YEL	RB4	3H20E Row 1	2J8T	
W/GRN	RB5	3H20F Row 1	2J8F	
W/BLU	RB6	3H20G Row 1	2J11F	
W/VIO	RB7	3H20H Row 1	2J11T	
W/GRY	RB8	3H20J Row 1	2J13F	
WHT		3H20K Row 1		
W/BLK	RB9	3H20L Row 1	2J13T	
W/BRN	RB10	3H20M Row 1	2J16T	
W/RED	RB11	3H20N Row 1	2J16F	
W/ORN	RB12	3H20P Row 1	2J19F	
W/YEL	RB13	3H20R Row 1	2J19T	
W/GRN	RB14	3H20S Row 1	2J21F	
W/BLU	RB15	3H20T Row 1	2J21T	
W/VIO	RB16	3H20U Row 1	2J24T	
W/GRY	RB17	3H20V Row 1	2J24F	
WHT		3H20W Row 1		

DRAWN RD 2-19-6[illegible]

CHECKED D. Bergren [illegible]

ENG

INCOMPLETE DRAWING

[redacted] CORPORATION

[redacted]

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

APPV

ECO NO.

REV. LTR.

GENERAL WIRING SHEET

TITLE PDP-1C

Taper pins

IM (A) Rdr. Buff's

IOT-IM Length 50"

DWG NO A-1D-48-79

REV. LTR. -

SHEET OF

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
W/BLK		3H20A Row 2	2J3J	
W/BRN		3H20B Row 2	2J3V	
W/RED		3H20C Row 2	2J5J	
W/ORN		3H20D Row 2	2J5V	
W/YEL		3H20E Row 2	2J8V	
W/GRN		3H20F Row 2	2J8J	
W/BLU		3H20G Row 2	2J11J	
W/VIO		3H20H Row 2	2J11V	
W/GRY		3H20J Row 2	2J13J	
WHT		3H20K Row 2		
W/BLK		3H20L Row 2	2J13V	
W/BRN		3H20M Row 2	2J16V	
W/RED	TB10	3H20N Row 2	2J16J	
W/ORN	TB12	3H20P Row 2	2J19J	
W/YEL	TB13	3H20R Row 2	2J19V	
W/GRN	TB14	3H20S Row 2	2J21J	
W/BLU	TB15	3H20T Row 2	2J21V	
W/VIO	TB16	3H20U Row 2	2J24V	
W/GRY	TB17	3H20V Row 2	2J24J	
WHT		3H20W Row 2		

DRAWN PD 2-19-65

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ENG

INCOMPLETE DRAWING

Digital EQUIPMENT CORPORATION MASSACHUSETTS

REVISIONS

REV	DATE	ENG	REV	DATE	ENG	APP'V	ECO NO.	REV LTR

TITLE

GENERAL WIRING SHEET

Taper Pins

IM (B) Typ. Buff's

IOT + IM

DWG NO A-ID-48-80

REV. LTR.

SHEET OF

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
W/BLK		3H20A Row 3	2J3L	
W/BRN		3H20B Row 3	2J3X	
W/RED		3H20C Row 3	2J5L	
W/ORN		3H20D Row 3	2J5X	
W/YEL		3H20E Row 3	2J8X	
W/GRN		3H20F Row 3	2J8L	
W/BLU		3H20G Row 3	2J11L	
W/VIO		3H20H Row 3	2J11X	
W/GRY		3H20J Row 3	2J13L	
WHT		3H20K Row 3		
W/BLK		3H20L Row 3	2J13X	
W/BRN		3H20M Row 3	2J16X	
W/RED		3H20N Row 3	2J16L	
W/ORN		3H20P Row 3	2J19L	
W/YEL		3H20R Row 3	2J19X	
W/GRN		3H20S Row 3	2J21L	
W/BLU		3H20T Row 3	2J21X	
W/VIO		3H20U Row 3	2J24X	
W/GRY		3H20V Row 3	2J24L	
WHT		3H20W Row 3		

DRAWN

CHECKED

ENG

INCOMPLETE DRAWING

Digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

APPV

ECO NO

REV LTR

TITLE

GENERAL WIRING SHEET

PDP-1C Taper Pins

IM (C) IOT - IM #3

Length 50"

DWG NO A-1D-48-81

REV. LTR.

SHEET OF

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
W/BLK		3H21A Row 1	2J3N	
W/BRN		3H21B Row 1	2J3Z	
W/RED		3H21C Row 1	2J5N	
W/ORN		3H21D Row 1	2J5Z	
W/YEL		3H21E Row 1	2J8Z	
W/GRN		3H21F Row 1	2J8N	
W/BLU		3H21G Row 1	2J11N	
W/VIO		3H21H Row 1	2J11Z	
W/GRY		3H21J Row 1	2J13N	
WHT		3H21K		
W/BLK		3H21L Row 1	2J13Z	
W/BRN		3H21M Row 1	2J16Z	
W/RED		3H21N Row 1.	2J16N	
W/ORN		3H21P Row 1	2J19N	
W/YEL		3H21R Row 1	2J19Z	
W/GRN		3H21S Row 1	2J21N	
W/BLU		3H21T Row 1	2J21Z	
W/VIO		3H21U Row 1	2J24Z	
W/GRY		3H21V Row 1	2J24N	
WHT		3H21W Row 1		

INCOMPLETE DRAWING

DRAWN

CHECKED

ENG

CORPORATION

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

APPV'D

ECO. NO. REV. LTR.

GENERAL WIRING SHEET

TITLE PDP-1C Taper Pins

IM (D) IOT - IM #4

Length 50"

DWG NO A-ID-48-82

REV. LTR.

SHEET OF

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
W/BLK		3H21A Row 2	2J2F	
W/BRN		3H21B Row 2	2J3T	
W/RED		3H21C Row 2	2J6F	
W/ORN		3H21D Row 2	2J6T	
W/YEL		3H21E Row 2	2J9T	
W/GRN		3H21F Row 2	2J9F	
W/BLU		3H21G Row 2	2J10F	
W/VIO		3H21H Row 2	2J10T	
W/GRY		3H21J Row 2	2J14F	
WHT		3H21K Row 2		
W/BLK		3H21L Row 2	2J14T	
W/BRN		3H21M Row 2	2J17T	
W/RED		3H21N Row 2	2J17F	
W/ORN		3H21P Row 2	2J18F	
W/YEL		3H21R Row 2	2J18T	
W/GRN		3H21S Row 2	2J22F	
W/BLU		3H21T Row 2	2J22T	
W/VIO		3H21U Row 2	2J25T	
W/GRY		3H21V Row 2	2J25F	
WHT		3H21W Row 2		

DRAWN FD 2-19-65

CHECKED

ENG

INCOMPLETE DRAWING

EDUTRONICS CORPORATION

REVISIONS

REV	DATE	ENG	REV	DATE	ENG	APP'V	ECO NO.	REV LTR

GENERAL WIRING SHEET

TITLE PDP-1C Taper Pins

IOT -- IM #5

Length 50"

DWG NO A-ID-48-83

REV. LTR.

SHEET OF

CODE cl

COLOR	NAME	PIN	PIN	REMARKS
W/BLK		3H21A Row 3	2J2J	
W/BRN		3H21B Row 3	2J2V	
W/RED		3H21C Row 3	2J6J	
W/ORN		3H21D Row 3	2J6V	
W/YEL		3H21E Row 3	2J9V	
W/GRN		3H21F Row 3	2J9J	
W/BLU		3H21G Row 3	2J10J	
W/VIO		3H21H Row 3	2J10V	
W/GRY		3H21J Row 3	2J14J	
WHT		3H21K Row 3		
W/BLK		3H21L Row 3	2J14V	
W/BRN		3H21M Row 3	2J17V	
W/RED		3H21N Row 3	2J17J	
W/ORN		3H21P Row 3	2J18J	
W/YEL		3H21R Row 3	2J18V	
W/GRN		3H21S Row 3	2J22J	
W/BLU		3H21T Row 3	2J22V	
W/VIO		3H21U Row 3	2J25V	
W/GRY		3H21V Row 3	2J25J	
WHT		3H21W		

DRAWN DD - 2-19-65

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ENG

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SUBSCRIBE

EQUIPMENT CORPORATION

WALTHAM, MASSACHUSETTS

REVISIONS

REV	DATE	ENG	REV	DATE	ENG	REV	BCO NO. LTR

APPRV

GENERAL WIRING SHEET

TITLE Taper Pins

IM (F) IOT - IM #6

Length 50"

DWG NO A-ID-48-84

REV. LTR.

SHEET OF

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
W/BLK		3H22A Row 1	2J2L	
W/BRN		3H22B Row 1	2J2X	
W/RED		3H22C Row 1	2J6L	
W/ORN		3H22D Row 1	2J6X	
W/YEL		3H22E Row 1	2J9X	
W/GRN		3H22F Row 1	2J9L	
W/BLU		3H22G Row 1	2J10L	
W/VIO		3H22H Row 1	2J10X	
W/GRY		3H22J Row 1	2J14L	
WHT		3H22K Row 1		
W/BLK		3H22L Row 1	2J14X	
W/BRN		3H22M Row 1	2J17X	
W/RED		3H22N Row 1	2J17L	
W/ORN		3H22P Row 1	2J18L	
W/YEL		3H22R Row 1	2J18X	
W/GRN		3H22S Row 1	2J22L	
W/BLU		3H22T Row 1	2J22X	
W/VIO		3H22U Row 1	2J25X	
W/GRY		3H22V Row 1	2J25L	
WHT		3H22W Row 1		

DRAWN PD 2-19-65

CHECKED

ENG

INCOMPLETE DRAWING

Digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

REVISIONS

REV	DATE	ENG	REV	DATE	ENG

APPRV

ECO NO.

REV. LTR.

GENERAL WIRING SHEET

TITLE PDP-1C Taper Pins

IM (G) IOT - IM #7

Length 50"

DWG NO A-ID-48-85

REV. LTR.

SHEET OF

CODE CL

COLOR	NAME	PIN	PIN	REMARKS
W/BLK		3H22A Row 2	2J2N	
W/BRN		3H22B Row 2	2J2Z	
W/RED		3H22C Row 2	2J6N	
W/ORN		3H22D Row 2	2J6Z	
W/YEL		3H22E Row 2	2J9Z	
W/GRN		3H22F Row 2	2J9N	
W/BLU		3H22G Row 2	2J10N	
W/VIO		3H22H Row 2	2J10Z	
W/GRY		3H22J Row 2	2J14N	
WHT		3H22K Row 2		
W/BLK		3H22L Row 2	2J14Z	
W/BRN		3H22M Row 2	2J17Z	
W/RED		3H22N Row 2	2J17N	
W/ORN		3H22P Row 2	2J18N	
W/YEL		3H22R Row 2	2J18Z	
W/GRN		3H22S Row 2	2J22N	
W/BLU		3H22T Row 2	2J22Z	
W/VIO		3H22U Row 2	2J25Z	
W/GRY		3H22V Row 2	2J25N	
WHT		3H22W Row 2		

DRAWN PD - 2-19-65

D. Bergeron 2-12-63

CHECKED

ENG

INCOMPLETE DRAWING

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

APP'V

REVISIONS

REV	DATE	ENG	REV	DATE	ENG	ECO NO. LTR

GENERAL WIRING SHEET

TITLE PDP-1C Taper Pins

IM (H) IOT - IM #8

Length 50"

DWG NO A-ID-48-86

REV. LTR

SHEET OF

CODE CL

25	INVERTER 1104
24	1104
23	INVERTER 1104
22	DUAL FLIP-FLOP 1209
21	
20	DUAL FLIP-FLOP 1209
19	
18	DUAL FLIP-FLOP 1209
17	
16	DUAL FLIP-FLOP 1209
15	INVERTER 1105
14	DUAL FLIP-FLOP 1209
13	
12	DUAL FLIP-FLOP 1209
11	INVERTER 1104
10	PULSE AMP. 1607
9	PULSE AMPLIFIER 1607
8	INVERTER 1103
7	NEG. DIODE NOR 1111
6	INVERTER 1105
5	1105
4	INVERTER 1105
3	
2	
1	INVERTER 1105

1A

25	INVERTER 1103
24	1103
23	INVERTER 1103
22	GEN.PURPOSE FF 1201
21	1201
20	1201
19	1201
18	1201
17	1201
16	1201
15	1201
14	1201
13	1201
12	1201
11	GEN.PURPOSE FF 1201
10	INVERTER 1103
9	1103
8	1103
7	1103
6	INVERTER 1103
5	PULSE AMP. 1607
4	INVERTER 1105
3	
2	PULSE AMP. 4603
1	VARIABLE CLOCK 4401

1B

25	
24	
23	INVERTER 1104
22	INVERTER 1103
21	INVERTER 1105
20	NEG.DIODE NOR 1111
19	INVERTER 1105
18	1105
17	1105
16	INVERTER 1105
15	INVERTER 1103
14	NEG.DIODE NOR 1110
13	INVERTER 1105
12	INVERTER 1105
11	NEG.DIODE NOR 1111
10	INVERTER 1104
9	INVERTER 1103
8	INVERTER 1105
7	INVERTER 1103
6	INVERTER 1105
5	INVERTER 1105
4	INVERTER 1103
3	INVERTER 1104
2	INVERTER 1104
1	INVERTER 1105

1C

25	BIN.-OCT.DEC. 1150
24	1150
23	1150
22	BIN.-OCT.DEC. 1150
21	INVERTER 1103
20	NEG.DIODE NOR 1110
19	INVERTER 1103
18	INVERTER 1105
17	INVERTER 1103
16	INVERTER 1105
15	1105
14	INVERTER 1105
13	INVERTER 1104
12	INVERTER 1105
11	1105
10	INVERTER 1105
9	PULSE AMP. 1607
8	INVERTER 1103
7	INVERTER 1103
6	INVERTER 1104
5	INVERTER 4106R
4	NEG.DIODE NOR 1110
3	INVERTER 1105
2	INVERTER 1105
1	PULSE AMP. 1607

1D

25	INVERTER 1105
24	PULSE AMP. 1607
23	INVERTER 1103
22	DUAL FLIP-FLOP 1209
21	INVERTER 1103
20	DUAL FLIP-FLOP 1209
19	INVERTER 1103
18	DUAL FLIP-FLOP 1209
17	INVERTER 1103
16	INVERTER 1105
15	INVERTER 1104
14	PULSE AMP. 1607
13	INVERTER 1104
12	INVERTER 1104
11	INVERTER 1103R
10	NEG.DIODE NOR 1110
9	NEG.DIODE NOR 1111
8	INVERTER 1105
7	1105
6	1105
5	1105
4	INVERTER 1105
3	INVERTER 1104
2	INVERTER 1104
1	INVERTER 1103

1E

25	PULSE AMPLIFIER 1607
24	NEG.DIODE NOR 1110
23	INVERTER 1105
22	INVERTER 1104
21	INVERTER 1105
20	1105
19	INVERTER 1105
18	INVERTER 1104
17	NEG.DIODE NOR 1111
16	INVERTER 1103R
15	1103R
14	1103R
13	1103R
12	1103R
11	INVERTER 1103R
10	INVERTER 1105
9	DUAL FLIP-FLOP 1209
8	DUAL FLIP-FLOP 1209
7	INVERTER 1103
6	DUAL FLIP-FLOP 1209
5	INVERTER 1104
4	INVERTER 1104
3	PULSE AMPLIFIER 1607
2	INVERTER 1103
1	INVERTER 1105

1F

25	INVERTER 1105
24	PULSE AMPLIFIER 4603
23	PULSE AMPLIFIER 1607
22	DELAY LINE 1310
21	DELAY LINE 1310
20	PULSE AMPLIFIER 1607
19	DELAY LINE 1310
18	DELAY LINE 1310
17	PULSE AMPLIFIER 1607
16	DELAY LINE 1310
15	DELAY LINE 1310
14	DELAY LINE 1311
13	PULSE AMPLIFIER 1607
12	INVERTER 1105
11	DELAY LINE 1310
10	DELAY LINE 1310
9	PULSE AMPLIFIER 1607
8	DELAY LINE 1311
7	INVERTER 1105
6	INVERTER 1104
5	INVERTER 1104
4	
3	1-SHOT DELAY 1304
2	INVERTER 4105
1	INVERTER 1105

1H

25	PULSE AMPLIFIER 4603
24	INVERTER 1103
23	PULSE AMPLIFIER 4603
22	INVERTER 1103
21	DUAL FLIP-FLOP 1209
20	INVERTER 1103
19	INVERTER 1105
18	DUAL FLIP-FLOP 1204
17	INVERTER 1105
16	INVERTER 1105
15	INVERTER 4105
14	DELAY LINE 1311
13	PULSE AMPLIFIER 1607
12	DELAY LINE 1310
11	INVERTER 1105
10	T-SHOT DELAY 1304
9	PULSE AMPLIFIER 1607
8	NEG.DIODE NOR 1110
7	INVERTER 1104
6	PULSE GENERATOR 4410
5	4410
4	4410
3	4410
2	4410
1	PULSE GENERATOR 4410

1J

25	INVERTER 1105
24	INVERTER 1104
23	INVERTER 1103R
22	GEN.PURPOSE FF 1201
21	GEN.PURPOSE FF 1201
20	INVERTER 1105
19	1105
18	1105
17	1105
16	1105
15	1105
14	INVERTER 1105
13	DUAL FLIP-FLOP 1209
12	INVERTER 1105
11	DUAL FLIP-FLOP 1209
10	NEG.DIODE NOR 1111
9	INVERTER 1105
8	NEG.DIODE NOR 1110
7	DUAL FLIP-FLOP 1209
6	BUS DRIVER 1684
5	INVERTER 1105
4	NEG.DIODE NOR 1110
3	INVERTER 1105
2	INVERTER 1105
1	INVERTER 1105

1K

25	PULSE AMPLIFIER 1607
24	CLAMPED LOAD RES.1000
23	1-SHOT DELAY 1304
22	INVERTER 1105
21	DUAL FLIP-FLOP 1209
20	INVERTER 1103
19	INVERTER 1103
18	INVERTER 1105
17	INVERTER 1103
16	INVERTER 1105
15	1105
14	1105
13	INVERTER 1105
12	POS.DIODE NOR 1113R
11	DUAL FLIP-FLOP 1204
10	INVERTER 1103
9	
8	
7	
6	
5	
4	
3	
2	
1	

1L

TITLE MODULE LIST

digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

CODE ML DRWG NO D-ID-48-57

SHEET 1 OF 2

ASSY NO SCALE

DRAWN DATE CHECKED DATE ENG DATE PROJ ENG DATE PROG DATE

REVISIONS

CHANGE	DATE	ENG

INCOMPLETE DRAWING

REV	DATE	ENG	REV	DATE	ENG

D-ID-48-87 REV

25	INVERTER 1105
24	1105
23	1105
22	1105
21	1105
20	1105
19	1105
18	1105
17	1105
16	1105
15	1105
14	1105
13	1105
12	1105
11	1105
10	1105
9	1105
8	1105
7	1105
6	INVERTER 1105
5	INVERTER 1103
4	PULSE AMPLIFIER 1607
3	PULSE AMPLIFIER 1607
2	INVERTER 1104
1	PULSE AMPLIFIER 1607

2A

25	INVERTER 1105
24	INVERTER 1103
23	GEN PURPOSE FF 1201
22	1201
21	1201
20	1201
19	1201
18	1201
17	1201
16	1201
15	1201
14	1201
13	1201
12	1201
11	1201
10	1201
9	1201
8	1201
7	1201
6	GEN PURPOSE FF 1201
5	BUS DRIVER 1684
4	INVERTER 1103
3	PULSE AMPLIFIER 1607
2	INVERTER 1105
1	PULSE AMPLIFIER 1607

2B

25	
24	
23	INVERTER 1103
22	1103
21	1103
20	1103
19	1103
18	1103
17	1103
16	1103
15	1103
14	1103
13	1103
12	1103
11	1103
10	1103
9	1103
8	1103
7	1103
6	INVERTER 1103
5	PULSE AMPLIFIER 1607
4	PULSE AMPLIFIER 1607
3	INVERTER 1105
2	DUAL FLIP-FLOP 1209
1	INVERTER 1105

2C

25	NEG DIODE NOR 1111
24	
23	BUS DRIVER 1684
22	DUAL FLIP-FLOP 1204
21	BUS DRIVER 1684
20	DUAL FLIP-FLOP 1204
19	BUS DRIVER 1684
18	DUAL FLIP-FLOP 1204
17	BUS DRIVER 1684
16	DUAL FLIP-FLOP 1204
15	BUS DRIVER 1684
14	DUAL FLIP-FLOP 1204
13	BUS DRIVER 1684
12	DUAL FLIP-FLOP 1204
11	BUS DRIVER 1684
10	DUAL FLIP-FLOP 1204
9	BUS DRIVER 1684
8	DUAL FLIP-FLOP 1204
7	BUS DRIVER 1684
6	DUAL FLIP-FLOP 1204
5	PULSE AMPLIFIER 1607
4	INVERTER 1103
3	INVERTER 1105
2	NEG DIODE NOR 1111
1	INVERTER 1105

2D

25	NEG DIODE NOR 1111
24	NEG DIODE NOR 1111
23	BUS DRIVER 1685
22	INVERTER 1103
21	BUS DRIVER 1685
20	INVERTER 1103
19	BUS DRIVER 1685
18	INVERTER 1103
17	
16	INVERTER 1103
15	BUS DRIVER 1685
14	INVERTER 1103
13	INVERTER 1103
12	INVERTER 1103
11	BUS DRIVER 1685
10	INVERTER 1103
9	NEG DIODE NOR 1111
8	INVERTER 1103
7	BUS DRIVER 1685
6	INVERTER 1103
5	PULSE AMPLIFIER 1607
4	INVERTER 1103
3	PULSE AMPLIFIER 1607
2	PULSE AMPLIFIER 1607
1	INVERTER 1104

2E

25	POS DIODE NOR 4113R
24	POS DIODE NOR 4113R
23	INVERTER 1103
22	INVERTER 1104
21	1104
20	1104
19	1104
18	1104
17	1104
16	1104
15	1104
14	1104
13	1104
12	1104
11	1104
10	1104
9	1104
8	1104
7	1104
6	1104
5	INVERTER 1104
4	INVERTER 1103
3	PULSE AMPLIFIER 1607
2	INVERTER 1103
1	INVERTER 1105

2F

25	NEG DIODE NOR 1111
24	NEG DIODE NOR 1111
23	INVERTER 1104
22	DUAL FLIP-FLOP 1204
21	INVERTER 1103
20	DUAL FLIP-FLOP 1204
19	BUS DRIVER 1685
18	DUAL FLIP-FLOP 1204
17	BUS DRIVER 1685
16	DUAL FLIP-FLOP 1204
15	INVERTER 1103
14	DUAL FLIP-FLOP 1204
13	BUS DRIVER 1685
12	DUAL FLIP-FLOP 1204
11	BUS DRIVER 1685
10	DUAL FLIP-FLOP 1204
9	INVERTER 1103
8	DUAL FLIP-FLOP 1204
7	BUS DRIVER 1685
6	DUAL FLIP-FLOP 1204
5	PULSE AMPLIFIER 1607
4	INVERTER 1103
3	INVERTER 1105
2	INVERTER 1105
1	POS DIODE NOR 4113

2H

25	DIODE GATE 4129
24	DIODE GATE 4129
23	PULSE AMPLIFIER 4603
22	DIODE GATE 4129
21	DIODE GATE 4129
20	PULSE AMPLIFIER 4603
19	DIODE GATE 4129
18	DIODE GATE 4129
17	DIODE GATE 4129
16	DIODE GATE 4129
15	PULSE AMPLIFIER 4603
14	DIODE GATE 4129
13	DIODE GATE 4129
12	PULSE AMPLIFIER 4603
11	DIODE GATE 4129
10	4129
9	4129
8	DIODE GATE 4129
7	PULSE AMPLIFIER 4603
6	DIODE GATE 4129
5	DIODE GATE 4129
4	PULSE AMPLIFIER 4603
3	DIODE GATE 4129
2	DIODE GATE 4129
1	PULSE AMPLIFIER 4603

2J

25	
24	
23	GEN PURPOSE FF 1201
22	1201
21	1201
20	1201
19	GEN PURPOSE FF 1201
18	PULSE AMPLIFIER 1607
17	POS DIODE NOR 4113
16	INVERTER 1105
15	DUAL FLIP-FLOP 1209
14	INVERTER 1105
13	NEG DIODE NOR 1111
12	NEG DIODE NOR 1111
11	PULSE AMPLIFIER 1607
10	INVERTER 1105
9	INVERTER 1105
8	PULSE AMPLIFIER 1607
7	INVERTER 1105
6	POS DIODE NOR 4113
5	INVERTER 1105
4	PULSE AMPLIFIER 1607
3	INVERTER 1105
2	DELAY LINE 1311
1	

2K

25	INVERTER 1103
24	DUAL FLIP-FLOP 1209
23	INVERTER 1103
22	INVERTER 1104
21	INVERTER 1104
20	PULSE AMPLIFIER 1607
19	DELAY LINE 1311
18	PULSE AMPLIFIER 1607
17	DELAY LINE 1311
16	PULSE AMPLIFIER 1607
15	DELAY LINE 1310
14	PULSE AMPLIFIER 1607
13	DELAY LINE 1311
12	INVERTER 1105
11	DELAY LINE 1311
10	PULSE AMPLIFIER 1607
9	INVERTER 1105
8	DELAY LINE 1310
7	DELAY LINE 1311
6	PULSE AMPLIFIER 1607
5	DELAY LINE 1310
4	DELAY LINE 1311
3	PULSE AMPLIFIER 1607
2	INVERTER 1105
1	

2L

TITLE MODULE LIST

FOR

DRWG NO D-ID-48-87

REV LTR

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

ASSY NO

CODE M L

SCALE

SHEET 2 OF 4

DRAWN M. Parsons DATE 2/19/65

CHECKED DATE

ENG DATE

PROJ ENG DATE

PROD DATE

REVISIONS

CHANGE	DATE	ENG

REV

D-ID-48-87

CODE ML | DRWG. NO. D-ID-48-87 | REV. LTR.

3A

1	INVERTER 1104
2	INVERTER 1105
3	INVERTER 1104
4	INVERTER 1103R
5	
6	
7	INVERTER 6105
8	INVERTER 1105
9	POS DIODE NOR 6117
10	PULSE AMP. 4603
11	INVERTER 1103R
12	POS DIODE NOR 6111
13	BIN.OCTAL DEC. 6150
14	POS DIODE NOR 6117R
15	6117R
16	POS DIODE NOR 6117R
17	BUFFER REGISTER 4220
18	PULSE AMP. 4603
19	INVERTER 1105
20	DUAL FLIP-FLOP 1209
21	BUS DRIVER 1684
22	
23	
24	
25	

3B

1	INVERTER 1103
2	INVERTER 1103
3	DUAL FLIP-FLOP 1209
4	INVERTER 1103
5	PULSE AMP. 1609
6	INVERTER 1103
7	POS DIODE NOR 6113
8	
9	6113
10	POS DIODE NOR 6113
11	UNBUF. FLIP-FLOP 6227
12	INVERTER 6102
13	INVERTER 6102
14	DUAL FLIP-FLOP 1209
15	DUAL FLIP-FLOP 1209
16	PULSE AMP. 1607
17	
18	
19	
20	
21	
22	
23	
24	
25	

3C

1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	
13	
14	
15	BUS DRIVER 6684
16	6684
17	6684
18	6684
19	6684
20	BUS DRIVER 6684
21	
22	
23	
24	PULSED BUS TRNSVR 1635
25	

3D

1	CAP-DIODE GATE 4129
2	4129
3	4129
4	4129
5	4129
6	4129
7	4129
8	4129
9	CAP-DIODE GATE 4129
10	
11	
12	
13	
14	
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16	
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18	
19	
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21	
22	
23	
24	
25	

3H

1	POS DIODE NOR 4113R
2	
3	4113R
4	POS DIODE NOR 4113R
5	
6	POS DIODE NOR 4113R
7	PULSE AMP. 4603
8	4603
9	4603
10	4603
11	4603
12	PULSE AMP. 4603
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
25	

3J

1	
2	
3	INVERTER 1104
4	PULSE AMP. 4603
5	4603
6	4603
7	4603
8	4603
9	4603
10	PULSE AMP. 4603
11	BUS DRIVER 1635
12	BUS DRIVER 1635
13	NEG DIODE NOR 4110
14	PULSE AMP. 4603
15	SET-RESET FF 4214
16	INVERTER 4106
17	INVERTER 4106
18	INVERTER 1103
19	INVERTER 1103R
20	CAP-DIODE GATE 4129
21	PULSE AMP. 4603
22	4603
23	PULSE AMP. 4603
24	NEG DIODE NOR 4112
25	NEG DIODE NOR 4110

3K

1	
2	
3	
4	PULSE AMP. 4603
5	4603
6	4603
7	4603
8	4603
9	4603
10	PULSE AMP. 4603
11	
12	
13	
14	
15	PULSE AMP. 4603
16	4603
17	4603
18	PULSE AMP. 4603
19	INVERTER 4105
20	
21	
22	
23	
24	
25	PULSE AMP. 4603

3L

1	CAP-DIODE GATE 4129
2	4129
3	4129
4	4129
5	4129
6	4129
7	4129
8	4129
9	CAP-DIODE GATE 4129
10	
11	
12	
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14	
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25	

REVISIONS: REV LTR | ECO NO. | DATE | ENG

DRAWN M. Maynard | DATE | CHECKED | DATE | ENG | DATE | PROJ ENG | DATE | PROD | DATE

digital EQUIPMENT CORPORATION MAYNARD, MASSACHUSETTS

ASSY NO | SHEET 3 OF 4

TITLE MODULE LIST

FOR

CODE ML | DRWG. NO. D-ID-48-87 | REV. LTR. | DIST.

BKE-2

CODE ML | DRWG. NO. D-ID-48-87 | REV. LTR.

RIA

1	DIODE GATE 4128
2	SET-RESET FF 4214
3	DIODE GATE 4128
4	SET-RESET FF 4214
5	DIODE GATE 4128
6	DIODE GATE 4128
7	SET-RESET FF 4214
8	INVERTER 1103R
9	INVERTER 1103R
10	POS DIODE NOR 4113
11	SET-RESET FF 4214
12	DIODE GATE 4128
13	NEG DIODE NOR 1111
14	DIODE GATE 4128
15	SET-RESET FF 4214
16	POS DIODE NOR 4113
17	INVERTER 1103R
18	INVERTER 1103R
19	SET-RESET FF 4214
20	DIODE GATE 4128
21	
22	
23	
24	
25	

RIB

1	DIODE GATE 4128
2	SET-RESET FF 4214
3	DIODE GATE 4128
4	SET-RESET FF 4214
5	DIODE GATE 4128
6	DIODE GATE 4128
7	SET-RESET FF 4214
8	INVERTER 1103R
9	INVERTER 1103R
10	POS DIODE NOR 4113
11	SET-RESET FF 4214
12	DIODE GATE 4128
13	NEG DIODE NOR 1111
14	DIODE GATE 4128
15	SET-RESET FF 4214
16	POS DIODE NOR 4113
17	INVERTER 1103R
18	INVERTER 1103R
19	SET-RESET FF 4214
20	DIODE GATE 4128
21	
22	
23	
24	
25	

RIC

1	PULSE GEN. 4416
2	DIODE GATE 4128
3	DUAL FLIP-FLOP 4209B
4	PULSE AMP. 4696
5	PULSE GENERATOR 4416
6	COUNTER FF's 4225
7	POS DIODE NOR 4111
8	PULSE AMP. 4693
9	POS DIODE NOR 1117R
10	NEG DIODE NOR 1111
11	DIODE GATE 4128
12	SET-RESET FF 4214
13	DIODE GATE 4128
14	SET RESET FF 4214
15	DIODE GATE 4128
16	DIODE GATE 4128
17	SET-RESET FF 4214
18	DIODE GATE 4128
19	SET-RESET FF 4214
20	DIODE GATE 4128
21	INVERTER 1106
22	
23	
24	
25	

RID

1	DELAY (1 SHOT) 4301
2	DELAY (1 SHOT) 4301
3	PULSE AMP. 4693
4	PULSE AMP. 4693
5	INVERTER 1106
6	INVERTER 1106
7	INVERTER 1106
8	PULSE AMP. 4693
9	PULSE AMP. 4693
10	PULSE AMP. 4693
11	INVERTER 1106
12	INVERTER 1106
13	INVERTER 1106
14	INVERTER 1106
15	NEG. DIODE NOR 1111
16	
17	
18	
19	
20	NEG. DIODE NOR 1111
21	INVERTER 1106
22	
23	
24	
25	

IIA

1	PULSE GENERAT. 4416
2	DELAY (1 SHOT) 4301
3	DELAY (1 SHOT) 4301
4	PULSE AMP. 4693
5	INVERTER 1105
6	FLIP-FLOP 4201
7	FLIP-FLOP 4201
8	INVERTER 1105
9	DUAL FLIP-FLOP 4209
10	PULSE AMP. 4693
11	SET-RESET FF 4214
12	DIODE GATE 4128
13	SET-RESET FF 4214
14	DIODE GATE 4128
15	SET-RESET FF 4214
16	DIODE GATE 4128
17	SET-RESET FF 4214
18	DIODE GATE 4128
19	SET-RESET FF 4214
20	DIODE GATE 4128
21	INVERTER 1106
22	INVERTER 1105
23	IND. DRIVER 1669
24	
25	IND. DRIVER 1669

IIB

1	SWITCH FILTER 1783
2	SWITCH FILTER 1783
3	INVERTER 1105
4	POS DIODE NOR 4111
5	PULSE AMP. 4693
6	PULSE GEN. 4416
7	INVERTER 1105
8	DUAL FLIP-FLOP 4209
9	DELAY(1 SHOT) 4301
10	PULSE AMP. 4693
11	PULSE GEN. 4416
12	SET-RESET FF 4214
13	SET RESET FF 4214
14	DIODE GATE 4128
15	DIODE GATE 4128
16	POS DIODE NOR 4113R
17	POS DIODE NOR 4113R
18	SOLENOID DRIVER 4698
19	
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21	
22	
23	SOLENOID DRIVER 4698
24	NEG DIODE NOR 4110
25	IND. DRIVER 1669

IIC

1	DELAY (1 SHOT) 4301
2	PULSE GENERATOR 4416
3	PULSE GENERATOR 4416
4	DELAY (1 SHOT) 4301
5	DELAY (1 SHOT) 4301
6	DELAY (1 SHOT) 4301
7	INVERTER 1105
8	DUAL FLIP-FLOP 4209
9	INVERTER 1105
10	PULSE AMP. 4693
11	INVERTER 1105
12	NEG DIODE NOR 1113
13	
14	
15	NEG DIODE NOR 1111
16	DIODE GATE 4128
17	DIODE GATE 4128
18	DIODE GATE 4128
19	SET-RESET FF 4214
20	SET-RESET FF 4214
21	POS DIODE NOR 4113R
22	SOLENOID DRIVER 4698
23	
24	SOLENOID DRIVER 4698
25	IND. DRIVER 1669

IIF

1	DELAY (1 SHOT) 4301
2	INVERTER 1105
3	INT. SINGLE SHOT 4303
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REV. LTR.	ECO. NO.	DATE	ENG.

REVISIONS

DRAWN		DATE	
CHECKED		DATE	
ENG		DATE	
PROJ ENG		DATE	
PROD		DATE	

digital EQUIPMENT CORPORATION
MAYNARD, MASSACHUSETTS

ASSY NO

SHEET 4 OF 4

TITLE MODULE LIST

FOR

CODE ML | DRWG. NO. D-ID-48-87 | REV. LTR.

DIST.

BKE-2