

TECHNICAL MANUAL

for

MODIFIED CP-642B COMPUTER

for use with
EMU

VOLUME II

SECTION 8

PX 4404-2-1

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LIST OF SECTIONS

SECTION		VOLUME
1	GENERAL INFORMATION	1
2	INSTALLATION	1
3	OPERATOR'S SECTION	1
4	PRINCIPLES OF OPERATION	1
5	TROUBLESHOOTING	1
6	REPAIR	1
7	PARTS LIST	1
8	FUNCTIONAL SCHEMATICS	11

FAULT JUMPER.

7-952

9-912

ISI 39. NCQ 724.

LIST OF ILLUSTRATIONS (CONT.)

SECTION 8 - FUNCTIONAL SCHEMATICS (CONT.)

<u>Figure</u>		<u>Drawing No.</u>	<u>Figure</u>	<u>Drawing No.</u>	
8-190.	Functional Schematic, Shift Sequence	7032846	8-233.	Functional Schematic, Adder Group Bits 10-14	7032804
8-191.	Functional Schematic, K3 & K4 Control	7032717B	8-234.	Functional Schematic, Adder Group Bits 15-19	7032805
8-192.	Functional Schematic, Shift Control Matrix	7032840	8-235.	Functional Schematic, Adder Group Bits 20-24	7032806
8-193.	Functional Schematic, Shift Control Register	7032841	8-236.	Functional Schematic, Adder Group Bits 25-29	7032807
8-194.	Functional Schematic, K4 Register Bits 00-07	7032723A	8-237.	Functional Schematic, Parity Test	7032809A
8-195.	Functional Schematic, K4 Register Bits 08-17	7032724	8-238.	Functional Schematic, A Register Control	7032845B
8-196.	Functional Schematic, Adder Selector Control 1	7032855A	8-239.	Functional Schematic, A and Q Equals Zero	7032808
8-197.	Functional Schematic, Adder Selector Control 2	7032856B	8-240.	Functional Schematic, A Register Shift Select Bits 14-29	7032826A
8-198.	Functional Schematic, W, X, & D Registers Control	7032719C	8-241.	Functional Schematic, A Register Bits 00-05	7032827
8-199.	Functional Schematic, X Register & Adder Select Bits 00-04	7032796	8-242.	Functional Schematic, A Register Bits 06-11	7032828
8-200.	Functional Schematic, X Register & Adder Select Bits 05-09	7032797A	8-243.	Functional Schematic, A Register Bits 12-17	7032829A
8-201.	Functional Schematic, X Register & Adder Select Bits 10-14	7032798A	8-244.	Functional Schematic, A Register Bits 18-23	7032830
8-202.	Functional Schematic, X Register & Adder Select Bits 15-19	7032799	8-245.	Functional Schematic, A Register Bits 24-29	7032831B
8-203.	Functional Schematic, X Register & Adder Select Bits 20-24	7032800A	8-246.	Functional Schematic, Q Register Control	7032851A
8-204.	Functional Schematic, X Register & Adder Select Bits 25-29	7032801	8-247.	Functional Schematic, Q Register Shift Select Bits 14-29	7032832B
8-205.	Functional Schematic, D & W Select Control	7032853B	8-248.	Functional Schematic, Q Register Bits 00-05	7032770A
8-206.	Functional Schematic, D Register Select Bits 00-05	7032789	8-249.	Functional Schematic, Q Register Bits 06-11	7032771A
8-207.	Functional Schematic, D Register Select Bits 06-11	7032790	8-250.	Functional Schematic, Q Register Bits 12-17	7032772
8-208.	Functional Schematic, D Register Select Bits 12-17	7032791	8-251.	Functional Schematic, Q Register Bits 18-23	7032773
8-209.	Functional Schematic, D Register Select Bits 18-23	7032792	8-252.	Functional Schematic, Q Register Bits 24-29	7032774A
8-210.	Functional Schematic, D Register Select Bits 24-30	7032793A	8-253.	Functional Schematic, Mult/Divide/SQ Root Sequence	7032849A
8-211.	Functional Schematic, D Register Bits 00-05	7032784	8-254.	Functional Schematic, Mult/Divide/Sq Root Counter	7032850A
8-212.	Functional Schematic, D Register Bits 06-11	7032785	8-255.	Functional Schematic, Normalize Group Detection	7032842
8-213.	Functional Schematic, D Register Bits 12-17	7032786A	8-256.	Functional Schematic, Normalize Stage Detection	7032844A
8-214.	Functional Schematic, D Register Bits 18-23	7032787	8-257.	Functional Schematic, Normalize Outputs	7032843
8-215.	Functional Schematic, D Register Bits 24-29	7032788A	8-258.	Block Diagram, Computer Main Memory	7032766A
8-216.	Functional Schematic, W Register Select Bits 00-07	7032780	8-259.	Functional Schematic, Main Memory Timing 1	7032758A
8-217.	Functional Schematic, W Register Select Bits 08-15	7032781	8-260.	Functional Schematic, Main Memory Timing 2	7032759A
8-218.	Functional Schematic, W Register Select Bits 16-23	7032782	8-261.	Functional Schematic, Main Memory Timing 3	7032760A
8-219.	Functional Schematic, W Register Select Bits 24-30	7032783A	8-262.	Functional Schematic, Z1 Register Bits 00-04	7032742B
8-220.	Functional Schematic, W Register Bits 00-05	7032775A	8-263.	Functional Schematic, Z1 Register Bits 05-09	7032743B
8-221.	Functional Schematic, W Register Bits 06-11	7032776	8-264.	Functional Schematic, Z1 Register Bits 10-14	7032744B
8-222.	Functional Schematic, W Register Bits 12-17	7032777	8-265.	Functional Schematic, Z1 Register Bits 15-19	7032761
8-223.	Functional Schematic, W Register Bits 18-23	7032778	8-266.	Functional Schematic, Z1 Register Bits 20-24	7032762A
8-224.	Functional Schematic, W Register Bits 24-29	7032779	8-267.	Functional Schematic, Z1 Register Bits 25-29	7032763
8-225.	Functional Schematic, Adder Group Borrow Enable/Generate Group 00	7032820	8-268.	Functional Schematic, Z2 Register Bits 00-04	7032867A
8-226.	Functional Schematic, Adder Group Borrow Enable/Generate Group 05	7032821	8-269.	Functional Schematic, Z2 Register Bits 05-09	7032868B
8-227.	Functional Schematic, Adder Group Borrow Enable/Generate Group 10	7032822A	8-270.	Functional Schematic, Z2 Register Bits 10-14	7032869B
8-228.	Functional Schematic, Adder Group Borrow Enable/Generate Group 15	7032823A	8-271.	Functional Schematic, Z2 Register Bits 15-19	7032870
8-229.	Functional Schematic, Adder Group Borrow Enable/Generate Group 20	7032824	8-272.	Functional Schematic, Z2 Register Bits 20-24	7032871
8-230.	Functional Schematic, Adder Group Borrow Enable/Generate Group 25	7032825B	8-273.	Functional Schematic, Z2 Register Bits 25-29	7032872
8-231.	Functional Schematic, Adder Group Bits 00-04	7032802A	8-274.	Functional Schematic, S1 Register Bits 00-02	7032740B
8-232.	Functional Schematic, Adder Group Bits 05-09	7032803	8-275.	Functional Schematic, S1 Register Bits 03-06	7032748B
			8-276.	Functional Schematic, S1 Register Bits 07-09	7032741B
			8-277.	Functional Schematic, S1 Register Bits 10-13	7032764B
			8-278.	Functional Schematic, S2 Register Bits 00-02	7032863B
			8-279.	Functional Schematic, S2 Register Bits 03-06	7032864B
			8-280.	Functional Schematic, S2 Register Bits 07-09	7032865B
			8-281.	Functional Schematic, S2 Register Bits 10-13	7032866B

LIST OF ILLUSTRATIONS

SECTION 8 - FUNCTIONAL SCHEMATICS

<u>Figure</u>		<u>Drawing No.</u>	<u>Figure</u>		<u>Drawing No.</u>
8-1.	Logic Symbology	7032385	8-48.	Functional Schematic, EI Lock-out & Force Logic	7075162
8-2.	Computer Block Diagram	7032885A	8-49.	Functional Schematic, Monitor Ind	7032642
8-3.	Block Diagram, I/O	7032731	8-50.	Functional Schematic, Input Data Amps Stages 00-02	7032602A
8-4.	Functional Schematic, IDR Req OS & Gates	7032612A	8-51.	Functional Schematic, Input Data Amps Stages 03-05	7032603A
8-5.	Functional Schematic, ID Active and Monitor Registers	7032625	8-52.	Functional Schematic, Input Data Amps Stages 06-08	7032604A
8-6.	Functional Schematic, EI Req OS & Gates	7032614A	8-53.	Functional Schematic, Input Data Amps Stages 09-11	7032605A
8-7.	Functional Schematic, EI Monitor, EI Inhibit Registers and EI Enables	7032633	8-54.	Functional Schematic, Input Data Amps Stages 12-14	7032606A
8-8.	Functional Schematic, ID Special Register	7032624	8-55.	Functional Schematic, Input Data Amps Stages 15-17	7032607A
8-9.	Functional Schematic, OD Special Register	7032615	8-56.	Functional Schematic, Input Data Amps Stages 18-20	7032608A
8-10.	Functional Schematic, EF Special Register	7032616	8-57.	Functional Schematic, Input Data Amps Stages 21-23	7032609A
8-11.	Functional Schematic, CDM	7032630	8-58.	Functional Schematic, Input Data Amps Stages 24-26	7032610A
8-12.	Functional Schematic, IC Mon and Terminate Logic	7032635	8-59.	Functional Schematic, Input Data Amps Stages 27-29	7032611A
8-13.	Functional Schematic, Channel Priority Register	7032638	8-60.	Functional Schematic, C Register Bits 00-06	7032626
8-14.	Functional Schematic, Channel Priority Selector	7032634	8-61.	Functional Schematic, C Register Bits 07-13	7032627
8-15.	Functional Schematic, Channel Priority Selector Outputs	7032637	8-62.	Functional Schematic, C Register Bits 14-21	7032649
8-16.	Functional Schematic, Function Priority Register	7075150	8-63.	Functional Schematic, C Register Bits 22-29	7032650
8-17.	Functional Schematic, Group Priority Selector	7032737	8-64.	Functional Schematic, Active Control	7075163
8-18.	Functional Schematic, Group Pri and Trans 1	7075151	8-65.	Functional Schematic, Monitor Control	7075164
8-19.	Functional Schematic, Group Pri and Trans 2	7075152	8-66.	Functional Schematic, CDM and Priority Control	7075165
8-20.	Functional Schematic, CMD, ESI, ESA, & SR Selector	7075153	8-67.	Functional Schematic, SR Control	7032620A
8-21.	Functional Schematic, ESA, ESI, & Jump Active Logic	7075154	8-68.	Functional Schematic, I/O Clear Logic	7032734A
8-22.	Functional Schematic, Channel Translator 1	7075155	8-69.	Functional Schematic, I/O Clock Drivers	7075166
8-23.	Functional Schematic, Hold Register and Channel Translator 2	7075238	8-70.	Functional Schematic, I/O Master Clear	7075167
8-24.	Functional Schematic, Function Translator	7075156	8-71.	Functional Schematic, Console Control 1 & Master Clear	7075168
8-25.	Functional Schematic, Function Translator Outputs 1	7075157	8-72.	Functional Schematic, Console Control 2	7032911B
8-26.	Functional Schematic, Function Translator Outputs 2	7075158	8-73.	Functional Schematic, Console Control 3	7075169
8-27.	Functional Schematic, Translator Channel 0 Enables	7075159	8-74.	Functional Schematic, Console Control 4	7032698B
8-28.	Functional Schematic, Translator Channel 1 Enables	7032646	8-75.	Functional Schematic, RTC and Abnormal	7075170
8-29.	Functional Schematic, Translator Channel 2 Enables	7032647	8-76.	Functional Schematic, Program Stop Control	7032709
8-30.	Functional Schematic, Translator Channel 3 Enables	7032648	8-77.	Functional Schematic, Program Jump Control	7075171
8-31.	Functional Schematic, Translator Group Enables	7032641	8-78.	Functional Schematic, Abort Logic	7075172
8-32.	Functional Schematic, In/Out Mon Enable Registers	7032622A	8-79.	Functional Schematic, Hold, Fault, A/Q, & Y Sign	7075173
8-33.	Functional Schematic, Acknowledge Timing	7032636B	8-80.	Functional Schematic, Master Clock	7032695B
8-34.	Functional Schematic, Input Ack Register	7032631A	8-81.	Functional Schematic, Master Clock Distribution	7084753/4/5
8-35.	Functional Schematic, OD and EF Ack Register	7032629A	8-82.	Functional Schematic, Clock Distribution Chassis 5 & 6	7075175
8-36.	Functional Schematic, Special Priority 1	7032601	8-83.	Functional Schematic, Clock Distribution Chassis 7	7075176
8-37.	Functional Schematic, Special Priority 2	7032628A	8-84.	Functional Schematic, Clock Distribution Chassis 8 & 9	7075177
8-38.	Functional Schematic, EF Active	7032643	8-85.	Functional Schematic, Sequencer Initial 1	7075178
8-39.	Functional Schematic, EF Monitor	7032618	8-85A.	Functional Schematic, Sequencer Initial 1A	7075239
8-40.	Functional Schematic, EF Req OS & Gates	7032613A	8-86.	Functional Schematic, Sequencer Initial 2	7075179
8-41.	Functional Schematic, OD Active	7032644	8-87.	Functional Schematic, Sequencer Initial Distribution	7075180
8-42.	Functional Schematic, OD Monitor	7032617	8-88.	Functional Schematic, Sequencer Final 1	7075181
8-43.	Functional Schematic, OD Req OS & Gates	7032623	8-89.	Functional Schematic, Sequencer Final 2	7075182
8-44.	Functional Schematic, Act, Mon, and CDM Control	7075160	8-90.	Functional Schematic, Main Timing Cycle 1	7075183
8-45.	Functional Schematic, OS & C Register Control	7032658A	8-91.	Functional Schematic, Main Timing Cycle 2	7075184
8-46.	Functional Schematic, f and \hat{j} Translator Control 1	7075161	8-92.	Functional Schematic, Main Timing Cycle 3	7075243
8-47.	Functional Schematic, f and \hat{j} Translator Control 2	7032730A	8-93.	Functional Schematic, Main Timing Cycle 4	7075185
			8-94.	Functional Schematic, Main Timing Cycle 5	7075186

LIST OF ILLUSTRATIONS (CONT.)

SECTION 8 - FUNCTIONAL SCHEMATICS (CONT.)

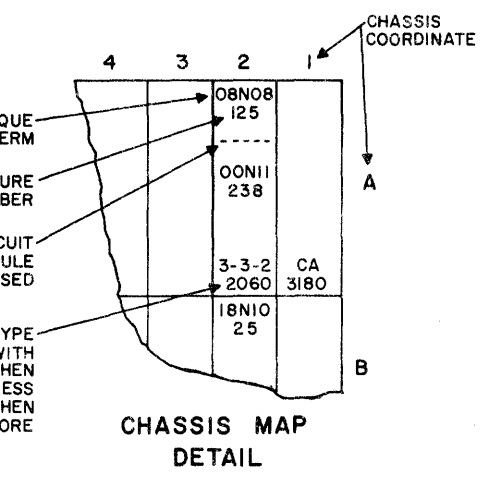
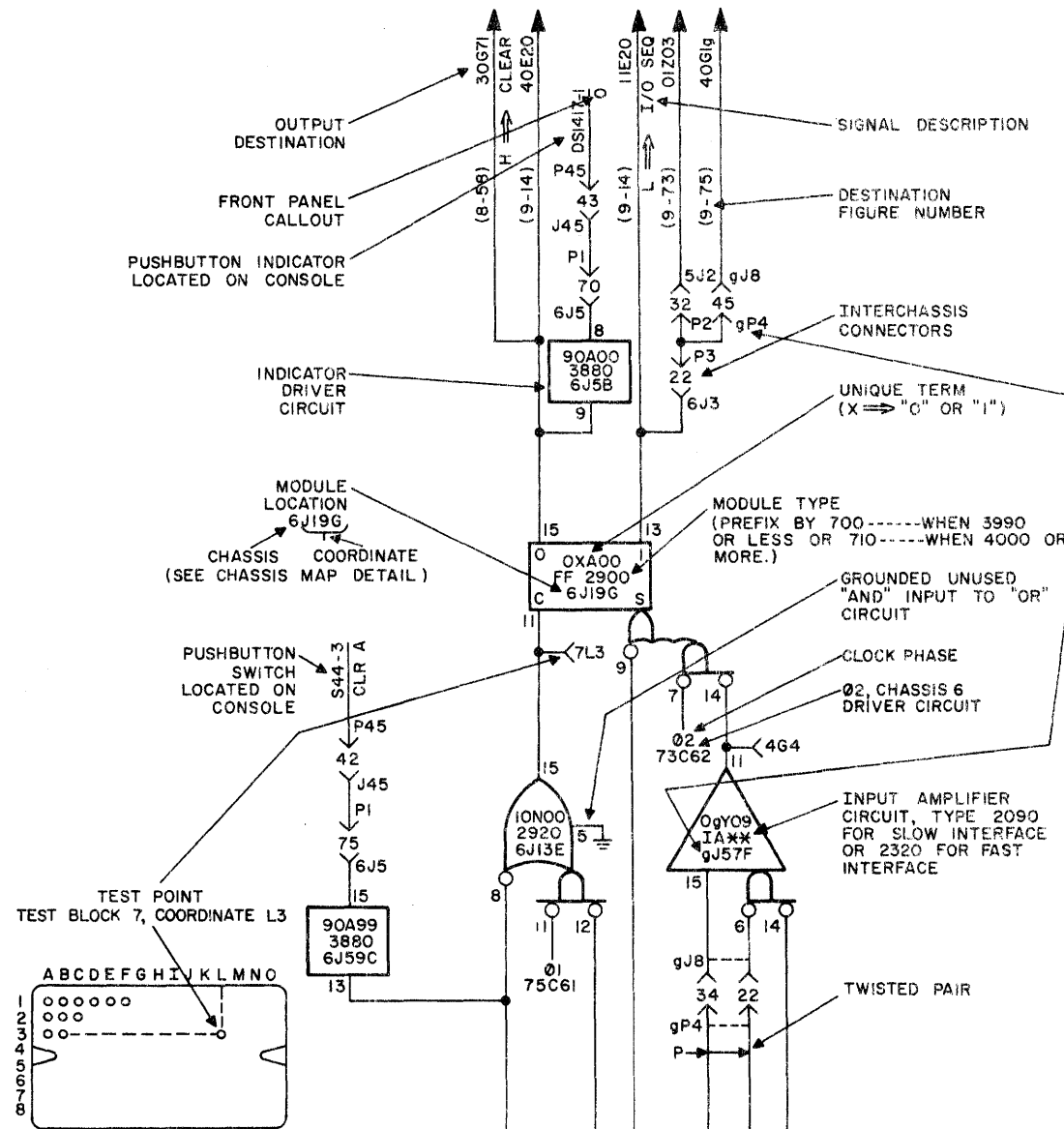
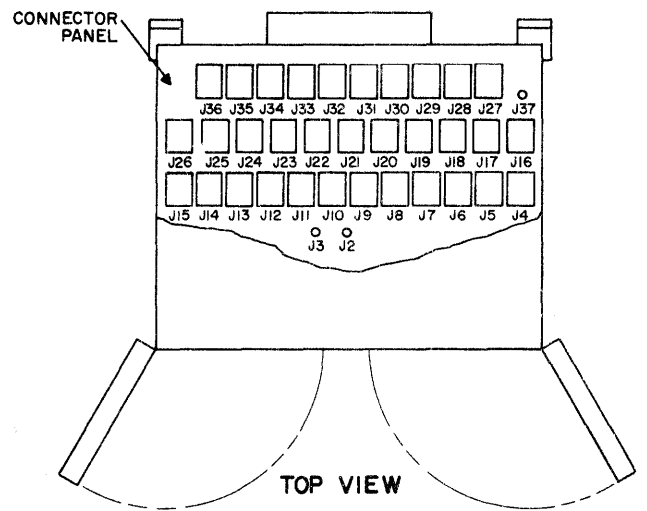
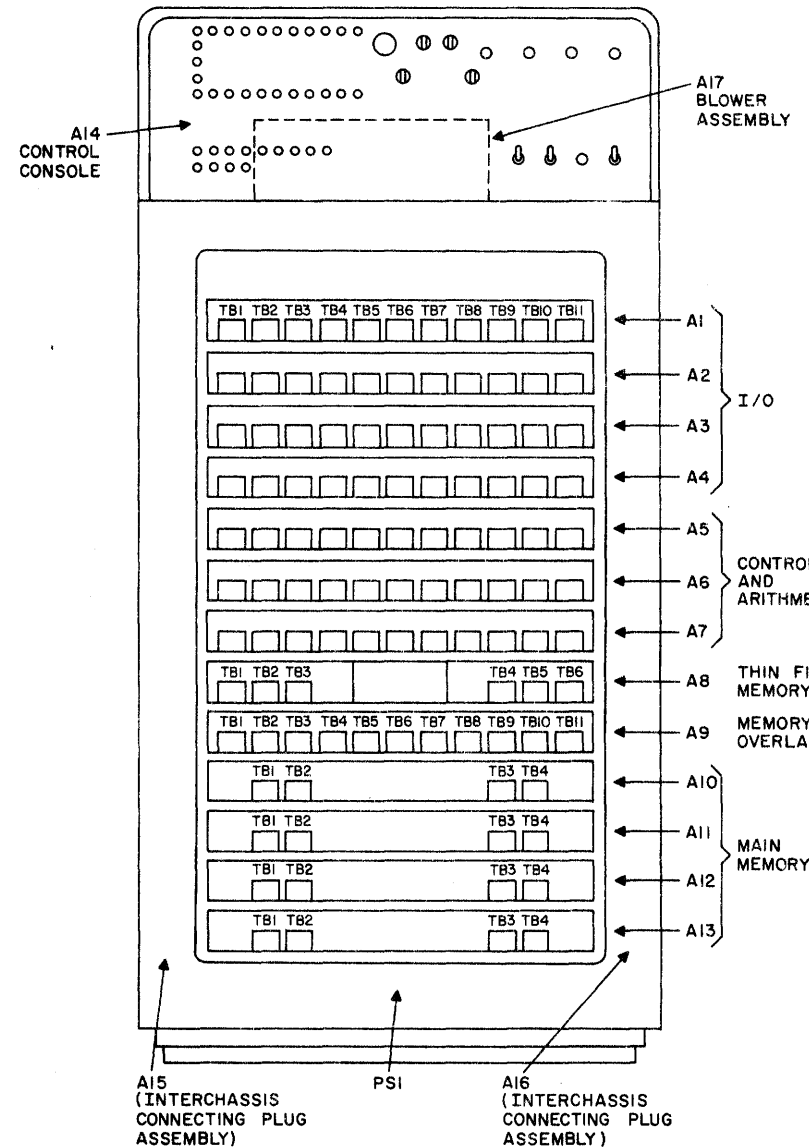
<u>Figure</u>	<u>Drawing No.</u>	<u>Figure</u>	<u>Drawing No.</u>		
8-95.	Functional Schematic, Main Timing Special	7084761	8-143.	Functional Schematic, Function Code Translator 11	7032898B
8-96.	Functional Schematic, Sequence Timing 1	7075245	8-144.	Functional Schematic, Function Code Translator 12	7075206
8-97.	Functional Schematic, Sequence Timing 2	7075248	8-145.	Functional Schematic, Function Code Translator 13	7075207
8-98.	Functional Schematic, Sequence Timing 3	7032907A	8-146.	Functional Schematic, Function Code Translator 14	7075208
8-99.	Functional Schematic, Sequence Timing 4	7075187	8-147.	Functional Schematic, Function Code Translator 15	7032900A
8-100.	Functional Schematic, Sequence Timing 5	7075188	8-148.	Functional Schematic, Function Code Translator 16	7075209
9-101.	Functional Schematic, Memory Timing	7075242	8-149.	Functional Schematic, Function Code Translator 17	7075210
8-102.	Functional Schematic, r Designator	7075189	8-150.	Functional Schematic, Function Code Translator 18	7032963B
8-103.	Functional Schematic, PR Register	7032914	8-151.	Functional Schematic, Function Code Translator 19	7075211
8-104.	Functional Schematic, R Register Command Enables	7032690A	8-152.	Functional Schematic, Function Code Translator 20	7032905
8-105.	Functional Schematic, R Register Bits 00-05	7032691	8-153.	Functional Schematic, Function Code Translator 21	7075212
8-106.	Functional Schematic, R Register Bits 06-11	7032692A	8-154.	Functional Schematic, Operand Address Select Control, B=0, +1	7075213
8-107.	Functional Schematic, R Register Bits 12-16	7032693A	8-155.	Functional Schematic, Operand Address Selector Bits 00-08	7075214
8-108.	Functional Schematic, B Register Command Enables	7032686B	8-156.	Functional Schematic, Operand Address Selector Bits 09-13	7075215
8-109.	Functional Schematic, B Register Bits 00-05	7032678	8-157.	Functional Schematic, Bank 0 and 1 Command Enables	7075216
8-110.	Functional Schematic, B Register Bits 06-11	7075190	8-158.	Functional Schematic, Bank Translation	7075217
8-111.	Functional Schematic, B Register Bits 12-16	7032680	8-159.	Functional Schematic, Bank Select Enables	7032665A
8-112.	Functional Schematic, Control Adder Bits 00-05	7032687A	8-160.	Functional Schematic, Instruction Bank Select Bits 00-05	7075218
8-113.	Functional Schematic, Control Adder Bits 06-11	7032688A	8-161.	Functional Schematic, Instruction Bank Select Bits 06-11	7075219
8-114.	Functional Schematic, Control Adder Bits 12-16 Part 1	7032689	8-162.	Functional Schematic, Instruction Bank Select Bits 12-17	7075220
8-115.	Functional Schematic, Control Adder Bits 12-16 Part 2	7032941A	8-163.	Functional Schematic, Instruction Bank Select Bits 18-23	7075221
8-116.	Functional Schematic, P Register, S1, & S2 Command Enables	7075240	8-164.	Functional Schematic, Instruction Bank Select Bits 24-29	7075222
8-117.	Functional Schematic, P Register Bits 00-04	7075191	8-165.	Functional Schematic, Operand Bank Select Bits 00-05	7075223
8-118.	Functional Schematic, P Register Bits 05-10	7075192	8-166.	Functional Schematic, Operand Bank Select Bits 06-11	7075224
8-119.	Functional Schematic, P Register Bits 11-16	7075193	8-167.	Functional Schematic, Operand Bank Select Bits 12-17	7075225
8-120.	Functional Schematic, SR & SR Select Control	7032660A	8-168.	Functional Schematic, Operand Bank Select Bits 18-23	7075226
8-121.	Functional Schematic, SR Select	7032666	8-169.	Functional Schematic, Operand Bank Select Bits 24-29	7075227
8-122.	Functional Schematic, SRO, SR1, & SR2	7032668	8-170.	Functional Schematic, Store Select Control	7075228
8-123.	Functional Schematic, U & U2 Command Enables	7075246	8-171.	Functional Schematic, Pre Select Bits 00-14	7032794A
8-124.	Functional Schematic, UL Register Bits 00-05	7032700A	8-172.	Functional Schematic, Pre Select Bits 15-29	7032795
8-125.	Functional Schematic, UL Register Bits 06-11	7032701	8-173.	Functional Schematic, Store Select Bits 00-04	7075229
8-126.	Functional Schematic, UL Register Bits 12-16	7032702B	8-174.	Functional Schematic, Store Select Bits 05-09	7075230
8-127.	Functional Schematic, Uu Register Bits 15-19	7032703B	8-175.	Functional Schematic, Store Select Bits 10-14	7075231
8-128.	Functional Schematic, Uu Register Bits 20-24	7075194	8-176.	Functional Schematic, Store Select Bits 15-19	7075232
8-129.	Functional Schematic, Uu Register Bits 25-29	7075195	8-177.	Functional Schematic, Store Select Bits 20-24	7075233
8-130.	Functional Schematic, U2 Register Bits 17-21	7075196	8-178.	Functional Schematic, Store Select Bits 25-29	7075234
8-131.	Functional Schematic, U2 Register Bits 22-25	7075197	8-179.	Functional Schematic, Z Select Control	7032718B
8-132.	Functional Schematic, U2 Register Bits 26-29	7075198	8-180.	Functional Schematic, Z Select Bits 00-14	7032817
8-133.	Functional Schematic, Function Code Translator 1	7075199	8-181.	Functional Schematic, Z Select Bits 15-21	7032818
8-134.	Functional Schematic, Function Code Translator 2	7075244	8-182.	Functional Schematic, Z Select Bits 22-31	7032819A
8-135.	Functional Schematic, Function Code Translator 3	7075200	8-183.	Functional Schematic, Y Select Control	7075235
8-136.	Functional Schematic, Function Code Translator 4	7075249	8-184.	Functional Schematic, Y Select Bits 00-04	7032810
8-137.	Functional Schematic, Function Code Translator 5	7075247	8-185.	Functional Schematic, Y Select Bits 05-09	7032811
8-138.	Functional Schematic, Function Code Translator 6	7075201	8-186.	Functional Schematic, Y Select Bits 10-14	7032812
8-139.	Functional Schematic, Function Code Translator 7	7075202	8-187.	Functional Schematic, Y Select Bits 15-19	7032813
8-140.	Functional Schematic, Function Code Translator 8	7075203	8-188.	Functional Schematic, Y Select Bits 20-24	7032814
8-141.	Functional Schematic, Function Code Translator 9	7075204	8-189.	Functional Schematic, Y Select Bits 25-29	7032815
8-142.	Functional Schematic, Function Code Translator 10	7075205			

LIST OF ILLUSTRATIONS (CONT.)

SECTION 8 - FUNCTIONAL SCHEMATICS (CONT.)

<u>Figure</u>		<u>Drawing No.</u>	<u>Figure</u>		<u>Drawing No.</u>
8-282.	Functional Schematic, S Register Slaves Bits 00-08	7032749	8-318.	Functional Schematic, Sense Amps & Digit Drivers	
8-283.	Functional Schematic, S Register Slaves Bits 09-13	7032750		Bits 03-05	7035481A
8-284.	Functional Schematic, Y Stack Selection	7032757A	8-319.	Functional Schematic, Sense Amps & Digit Drivers	
8-285.	Functional Schematic, Y Diode and Group Address			Bits 06-08	7035482A
	Translation	7032754	8-320.	Functional Schematic, Sense Amps & Digit Drivers	
8-286.	Core Memory Stack, Y Axis Drive	7032861A		Bits 09-11	7035483A
8-287.	Functional Schematic, X Stack Selection	7032756A	8-321.	Functional Schematic, Sense Amps & Digit Drivers	
8-288.	Functional Schematic, X Diode and Group Address			Bits 12-14	7035484A
	Translation	7032755	8-322.	Functional Schematic, Sense Amps & Digit Drivers	
8-289.	Core Memory Stack, X Axis Drive	7032862A		Bits 15-17	7035485
8-290.	Core Memory Stack, Inhibit and Sense	7032860	8-323.	Functional Schematic, Sense Amps & Digit Drivers	
8-291.	Functional Schematic, Inhibits Bits 00-04	7032751		Bits 18-20	7035486B
8-292.	Functional Schematic, Inhibits Bits 05-09	7032752	8-324.	Functional Schematic, Sense Amps & Digit Drivers	
8-293.	Functional Schematic, Inhibits Bits 10-14	7032753		Bits 21-23	703548A
8-294.	Functional Schematic, Sense Amps Bits 00-04	7032745A	8-325.	Functional Schematic, Sense Amps & Digit Drivers	
8-295.	Functional Schematic, Sense Amps Bits 05-09	7032746A		Bits 24-26	7035488
8-296.	Functional Schematic, Sense Amps Bits 10-14	7032747A	8-326.	Functional Schematic, Sense Amps & Digit Drivers	
8-297.	Functional Schematic, Bootstrap Memory 1	7032929A		Bits 27-29	7035489
8-298.	Functional Schematic, Bootstrap Memory 2	7032928A	8-237.	Functional Schematic, Word Selectors, Control Memory	7035490A
8-299.	Functional Schematic, Bootstrap Assembly Bit Selection		8-328.	Functional Schematic, Word Drivers, Control Memory	7035491A
	and Sensing 1	7032930	8-239.	Functional Schematic, Primary Power Distribution	7032888A
8-300.	Functional Schematic, Bootstrap Assembly Bit Selection		8-330.	Functional Schematic, Blower Power 115 VAC, 60 CPS	7032889
	and Sensing 2	7032931	8-330A.	Functional Schematic, Blower Power 115 VAC, 400 CPS	7046613
8-301.	Functional Schematic, Bootstrap Assembly Bit Selection		8-331.	Functional Schematic, DC Power Supply (PS1)	7032887B
	and Sensing 3	7032932	8-332.	Functional Schematic, DC Power Distribution	7032886B
8-302.	Functional Schematic, Control Memory Timing and Control 1	7035492B	8-333.	Chassis Map, Chassis 1, 2, 3, 4 Part 1	7075296(1)
8-303.	Functional Schematic, Control Memory Timing and Control 2	7035493B	8-334.	Chassis Map, Chassis 1, 2, 3, 4 Part 2	7075296(2)
8-304.	Functional Schematic, Control Memory Timing and Control 3	7035494B	8-335.	Chassis Map, Chassis 5 Part 1	7075297(1)
8-305.	Functional Schematic, S0 & S0 Select Command Enables 1	7032661B	8-336.	Chassis Map, Chassis 5 Part 2	7075297(2)
8-306.	Functional Schematic, S0 Select Command Enables 2	7075236	8-337.	Chassis Map, Chassis 6 Part 1	7075295(1)
8-307.	Functional Schematic, S0 Select & S0 Register Bits 00-03	7032684B	8-338.	Chassis Map, Chassis 6 Part 2	7075295(2)
8-308.	Functional Schematic, S0 Select & S0 Register Bits 04-07	7032685	8-339.	Chassis Map, Chassis 7 Part 1	7075298(1)
8-309.	Functional Schematic, Z0 Command Enables 1	7032669B	8-340.	Chassis Map, Chassis 7 Part 2	7075298(2)
8-310.	Functional Schematic, Z0 Command Enables 2	7075237	8-341.	Chassis Map, Chassis 8 Part 1	7032765(1)B
8-311.	Functional Schematic, Z0 Register Bits 00-05	7032673A	8-342.	Chassis Map, Chassis 8 Part 2	7032765(2)B
8-312.	Functional Schematic, Z0 Register Bits 06-11	7032674A	8-343.	Chassis Map, Chassis 9 Part 1	7075299(1)
8-313.	Functional Schematic, Z0 Register Bits 12-17	7032675A	8-344.	Chassis Map, Chassis 9 Part 2	7075299(2)
8-314.	Functional Schematic, Z0 Register Bits 18-23	7032676A	8-345.	Chassis Map, Main Memory 10, 12 Part 1	7032768(1)A
8-315.	Functional Schematic, Z0 Register Bits 24-29	7032677A	8-346.	Chassis Map, Main Memory 10, 12 Part 2	7032768(2)A
8-316.	Functional Schematic, ZU \neq ZL	7032664	8-347.	Chassis Map, Main Memory 11, 13 Part 1	7032767(1)A
8-317.	Functional Schematic, Sense Amps & Digit Drivers		8-348.	Chassis Map, Main Memory 11, 13 Part 2	7032767(2)A
	Bits 00-02	7035480A			

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED



- NOTES:**
- THE SYMBOL, ⇒, REPRESENTS THE TERM "IMPLIES."
 - NON-STANDARD ABBREVIATIONS**
 - ACT --- ACTIVE
 - ACK --- ACKNOWLEDGE
 - ADD --- ADDRESS
 - ADV --- ADVANCE
 - BK --- BANK
 - COMP --- COMPLEMENT
 - CH --- CHASSIS
 - CM --- CONTROL MEMORY
 - CMT --- CONTROL MEMORY TIMING
 - EAB --- END - AROUND - BORROW
 - EAC --- END - AROUND - CARRY
 - EF --- EXTERNAL FUNCTION
 - EN --- ENABLE
 - EI --- EXTERNAL INTERRUPT
 - EII --- EXTERNAL INTERRUPT INHIBIT
 - EIM --- EXTERNAL INTERRUPT MONITOR
 - EIR --- EXTERNAL INTERRUPT REQUEST
 - GRP --- GROUP
 - I --- INITIAL
 - IC --- INTERCOMPUTER
 - ICM --- INTERCOMPUTER MONITOR
 - IDM --- INPUT DATA MONITOR
 - IDME --- INPUT DATA MONITOR ENABLE
 - IDR --- INPUT DATA REQUEST
 - IDS --- INPUT DATA SELECTOR
 - INH --- INHIBIT
 - INST --- INSTRUCTION
 - INT --- INTERRUPT
 - JP --- JUMP
 - MC --- MASTER CLEAR
 - ME --- MONITOR ENABLE
 - MEM --- MEMORY
 - MON --- MONITOR
 - MTS --- MAIN TIMING SPECIAL
 - MULT --- MULTIPLY
 - ODME --- OUTPUT DATA MONITOR ENABLE
 - OS --- OUTPUT SELECTOR
 - REC --- RECOVERY
 - RTC --- REAL TIME CLOCK
 - SMP --- SYSTEM MONITORING PANEL
 - SPEC --- SPECIAL
 - SR --- SPECIAL REGISTER
 - STR --- STORE
 - TERM --- TERMINATE

FIGURE 8-1

IDENT NO. 7032385-00

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UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS ± .005 ANGLES ± .1° HOLE DIAMETER TOLERANCE Ø THRU .250 ± .003 .251 THRU .500 ± .010 > .501 & LARGER -.002 ± .005 THREADS: EXP. CL. CA, INT. CL. 2B <td>R. M. BECKMAN</td> <td>9-14-65</td> <td>A</td>	R. M. BECKMAN	9-14-65	A
MATERIAL	CHECKER B. POPOV	ENGINEER D.L. WILSON	TITLE LOGIC SYMBOLS
FINISH	APPROVAL <i>[Signature]</i>	CODE IDENT NO. 90536	SIZE D
APPLICATION	EQUIPMENT	DWG NO. 7032385	SHEET 1 OF 1

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL						

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION
A		71687	SEE EIR

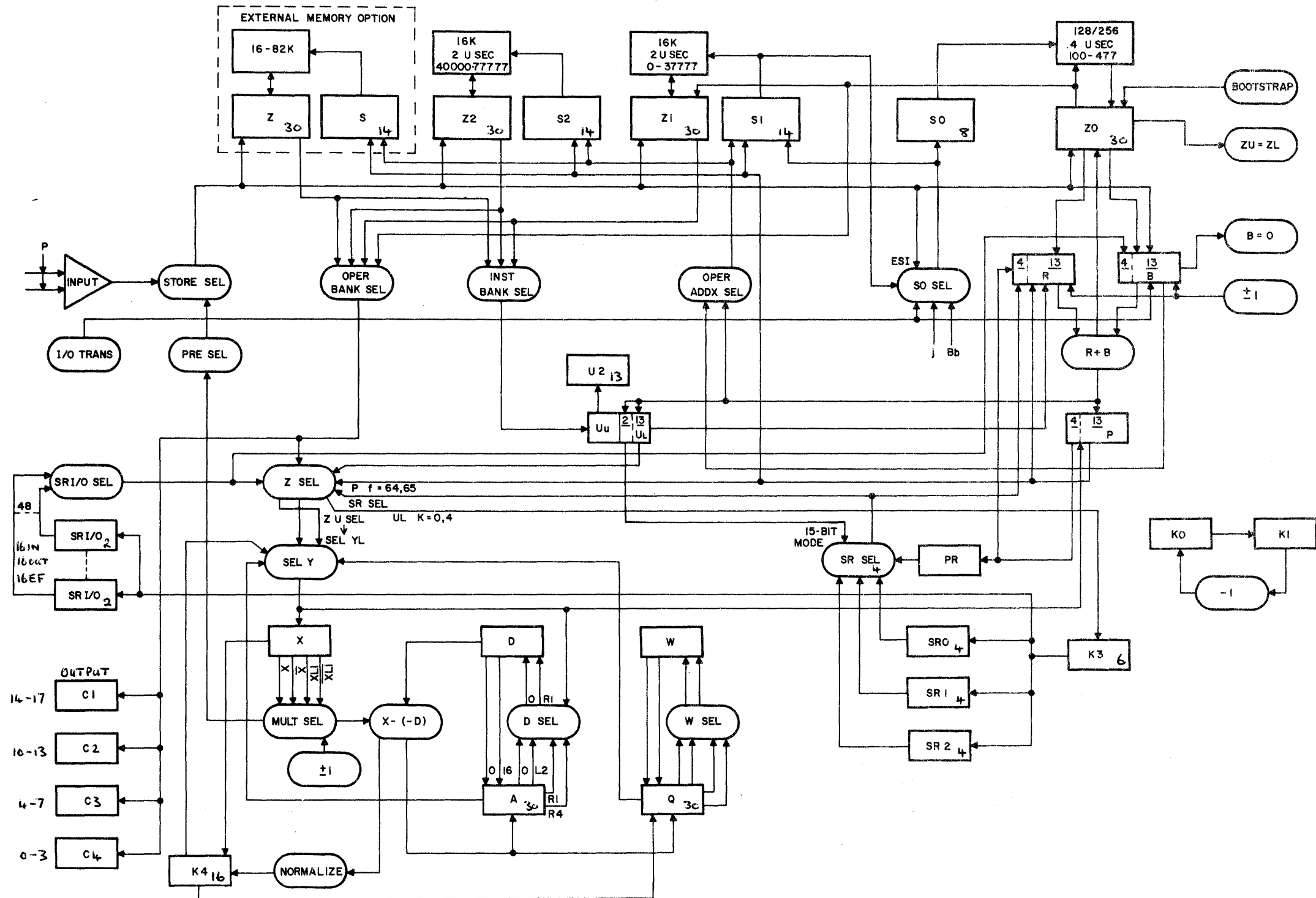


FIGURE 8-2

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL			
CLASS	DATE	UNIVAC	
A	8-27-65	DIVISION OF SPERRY RAND CORPORATION	
TITLE			
COMPUTER BLOCK DIAGRAM			
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7032885	
SCALE	WEIGHT	SHEET OF 1	

IDENT NO. 7032885-00

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UNLESS OTHERWISE SPECIFIED		
DIMENSION IN INCHES	TOLERANCE ON 2 PLACE DECIMALS	TOLERANCE ON 3 PLACE DECIMALS
	± .005	± .001
HOLE DIAMETER TOLERANCE	± .005	
0 THRU .250	± .005	± .005
.250 THRU .500	± .005	± .005
.500 THRU 1.000	± .005	± .005
1.000 THRU 2.000	± .005	± .005
2.000 THRU 3.000	± .005	± .005
3.000 THRU 4.000	± .005	± .005
4.000 THRU 5.000	± .005	± .005
5.000 THRU 6.000	± .005	± .005
6.000 THRU 7.000	± .005	± .005
7.000 THRU 8.000	± .005	± .005
8.000 THRU 9.000	± .005	± .005
9.000 THRU 10.000	± .005	± .005
10.000 THRU 12.000	± .005	± .005
12.000 THRU 15.000	± .005	± .005
15.000 THRU 20.000	± .005	± .005
20.000 THRU 30.000	± .005	± .005
30.000 THRU 40.000	± .005	± .005
40.000 THRU 50.000	± .005	± .005
50.000 THRU 60.000	± .005	± .005
60.000 THRU 70.000	± .005	± .005
70.000 THRU 80.000	± .005	± .005
80.000 THRU 90.000	± .005	± .005
90.000 THRU 100.000	± .005	± .005
100.000 THRU 120.000	± .005	± .005
120.000 THRU 150.000	± .005	± .005
150.000 THRU 200.000	± .005	± .005
200.000 THRU 300.000	± .005	± .005
300.000 THRU 400.000	± .005	± .005
400.000 THRU 500.000	± .005	± .005
500.000 THRU 600.000	± .005	± .005
600.000 THRU 700.000	± .005	± .005
700.000 THRU 800.000	± .005	± .005
800.000 THRU 900.000	± .005	± .005
900.000 THRU 1000.000	± .005	± .005
THREADS: EXT. CL. 2A, INT. CL. 2B		
MATERIAL		
FINISH		
LAYOUT		
DATE		
CLASS		
DRAFTSMAN		
CHECKER		
ENGINEER		
APPROVAL		

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

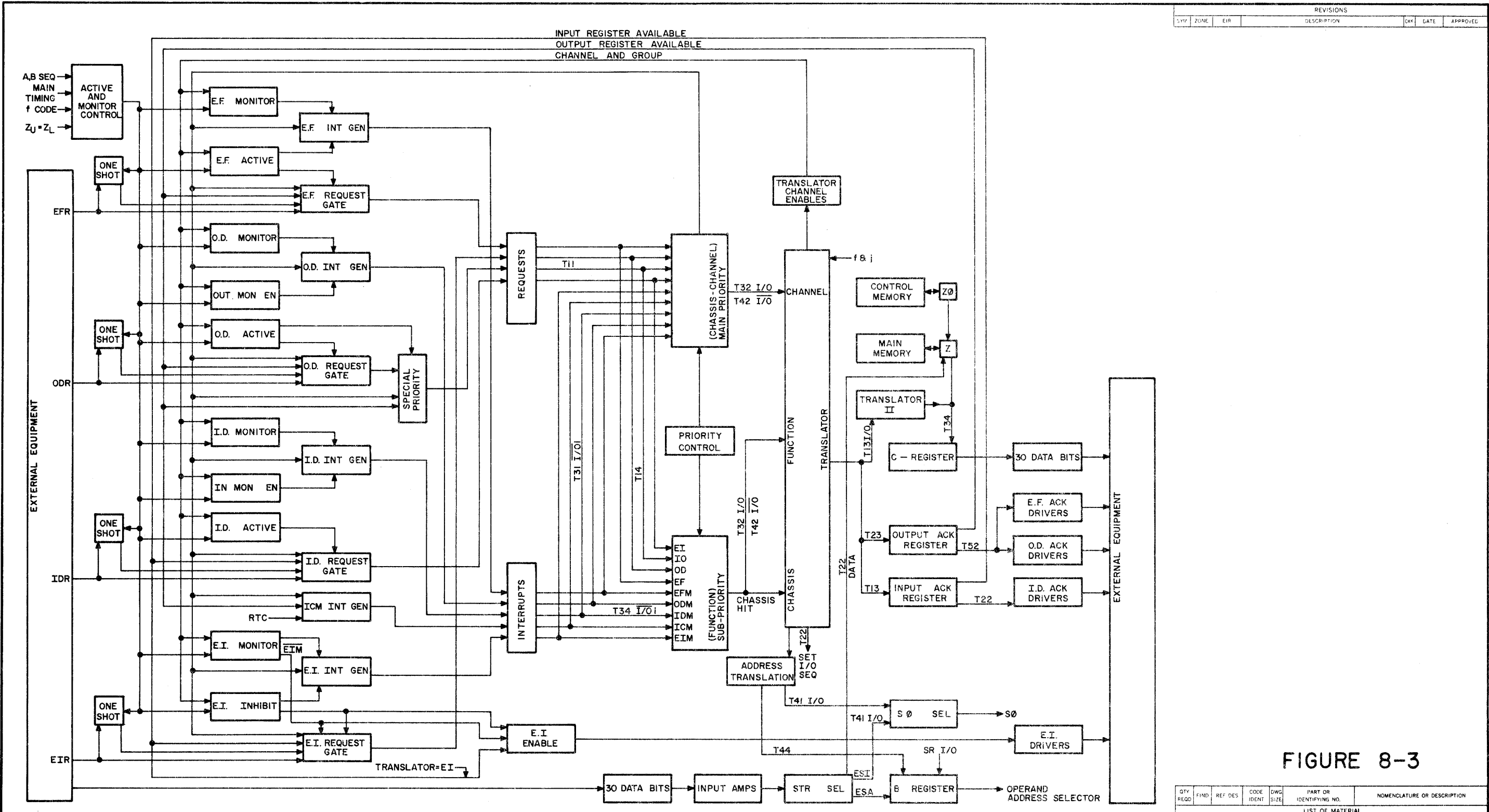


FIGURE 8-3

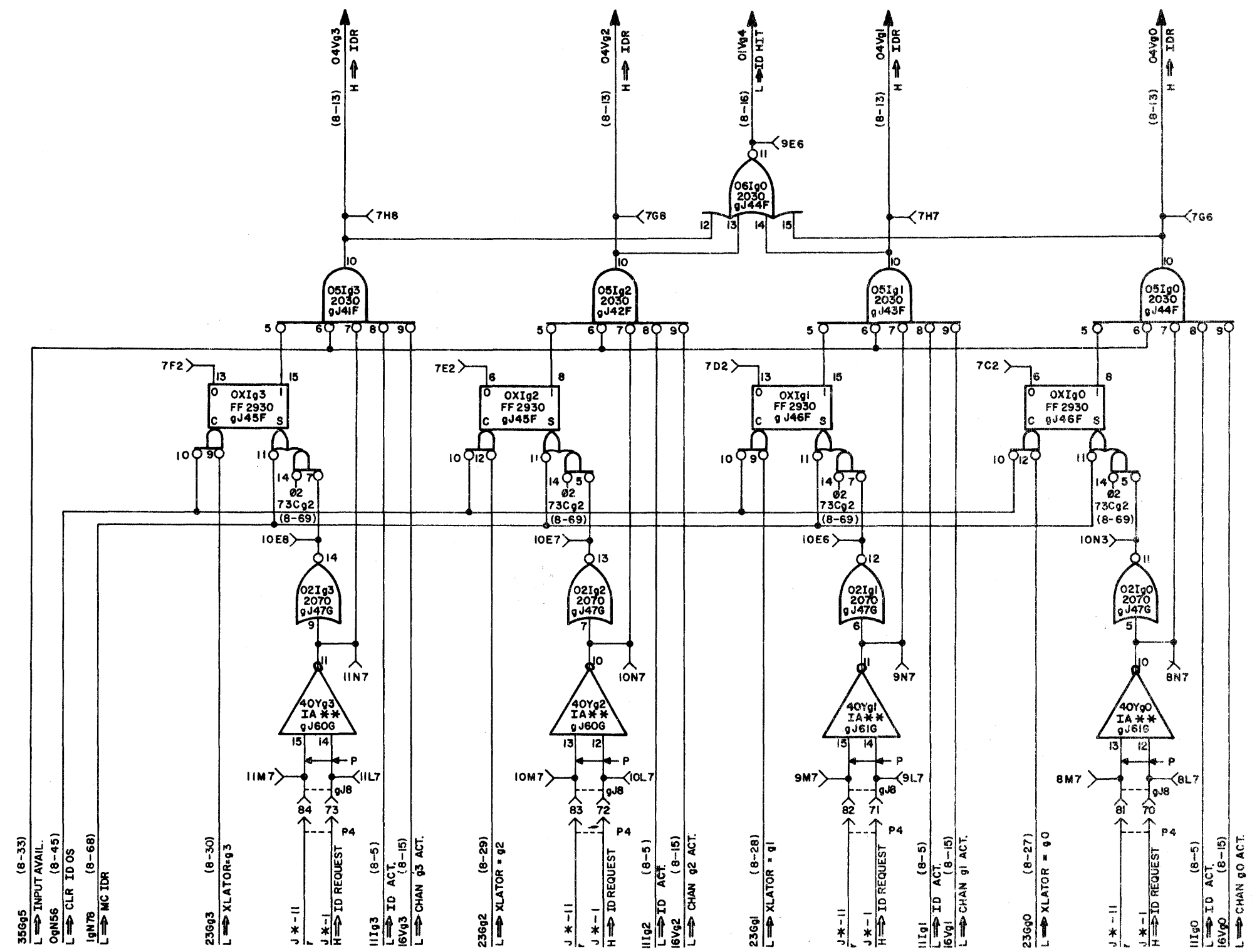
IDENT NO. 7032731-00

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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCE IN 2 PLACE 3 PLACE DECIMALS DECIMALS ANGLES HOLE DIAMETER TOLERANCE 0.1-0.250 -0.003 -0.010 0.251-1.000 -0.005 -0.010 1.001-3.000 -0.005 -0.010 THREADS: EXCEPT AS NOTED MATERIAL FINISH	LAYOUT DATE CLASS DRAFTSMAN CHECKER ENGINEER APPROVAL	DATE	CLASS
		3-24-65	A
DC. WHEELER	B. POPOV	R. OULICKY	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNIVAC				DIVISION OF SPERRY RAND CORPORATION		
BLOCK DIAGRAM, I/O				TITLE		
R. OULICKY				9-15-65		
E.I. DRIVERS				9-15-65		
CODE IDENT NO.	SIZE	DWG NO.				
90536	D	7032731				
SCALE	WEIGHT	SHEET		OF		

REVISIONS						
S/W	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71684	SEE EIR		10-23-5	



L ⇒ IDR

FIGURE 8-4

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

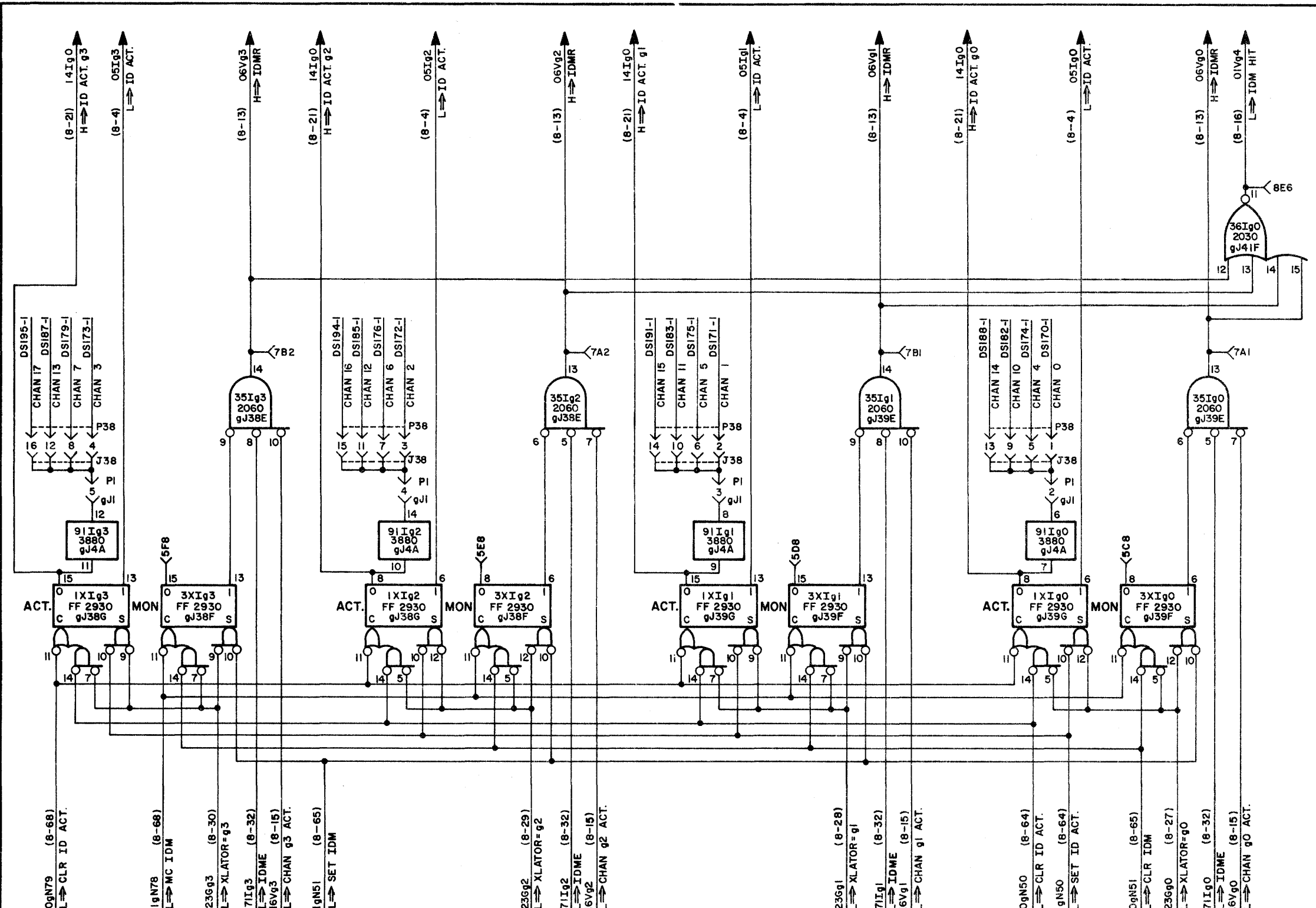
IDENT NO. 7032612-00

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QTY REQD		FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES		TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS	
HOLE DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		.501 & LARGER	
THREADS, EX. CL 2B, INT CL 2B		MATERIAL		FINISH		COMMODITY CODE	
LAYOUT		DATE		CLASS		TITLE	
DRAFTSMAN		220-65		A		UNIVAC	
CHECKER		R. CALTON		B. POPOV		DIVISION OF SPERRY RAND CORPORATION	
ENGINEER		R. OULICKY		9-15-65		FUNCTIONAL SCHEMATIC, ID REQ OS & GATES	
APPROVAL		9-15-65		90536		SIZE D	
CODE IDENT NO.		SIZE		DWG NO.		SHEET 1 OF 1	
90536		D		7032612			

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION



QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL		CLASS	DATE
		A	3-6-65

UNIVAC DIVISION OF SPERRY RAND CORPORATION	
DRAFTSMAN R. NEWMAN	CHECKER B. POPOV
ENGINEER R. OULICKY	APPROVAL <i>[Signature]</i>

TITLE FUNCTIONAL SCHEMATIC, ID ACTIVE AND MONITOR REGISTERS	CODE IDENT NO. 90536	SIZE D	DWG NO. 7032625
SCALE	WEIGHT	SHEET	OF

FIGURE 8-5

IDENT NO. 7032625-00

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UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE
DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS .005 3 PLACE DECIMALS .001 ANGLES .005	DRAFTSMAN R. NEWMAN	3-6-65
HOLE DIAMETER TOLERANCE 0 THRU .250 .003 .251 THRU .500 .005 .501 & LARGER .010	CHECKER B. POPOV	9-15-65
THREADS: F37 CL 2A, INT CL 2B	ENGINEER R. OULICKY	9-15-65
MATERIAL	APPROVAL <i>[Signature]</i>	9-15-65
FINISH		

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71684	SEE EIR		10-23-65	

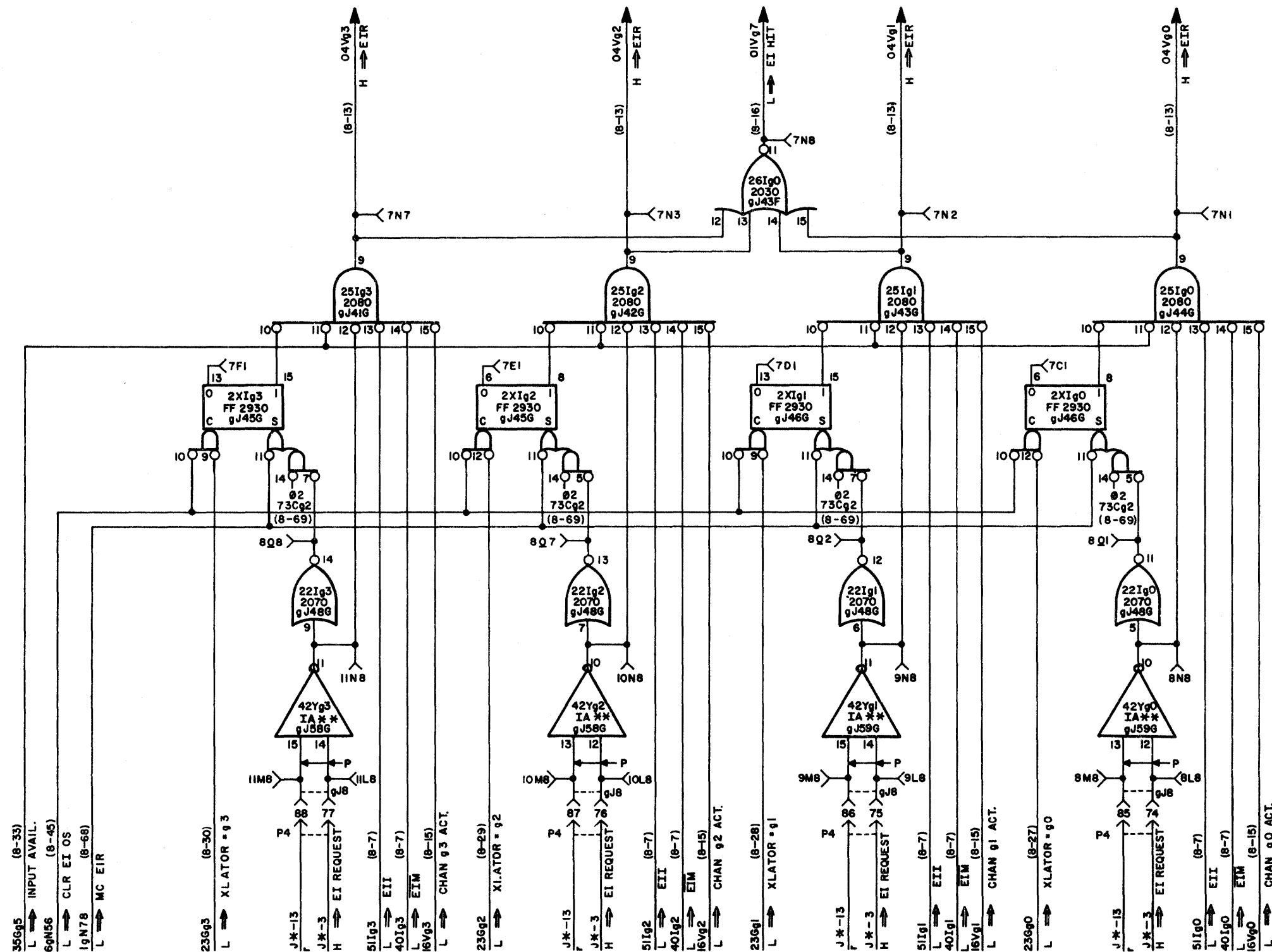


FIGURE 8-6

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

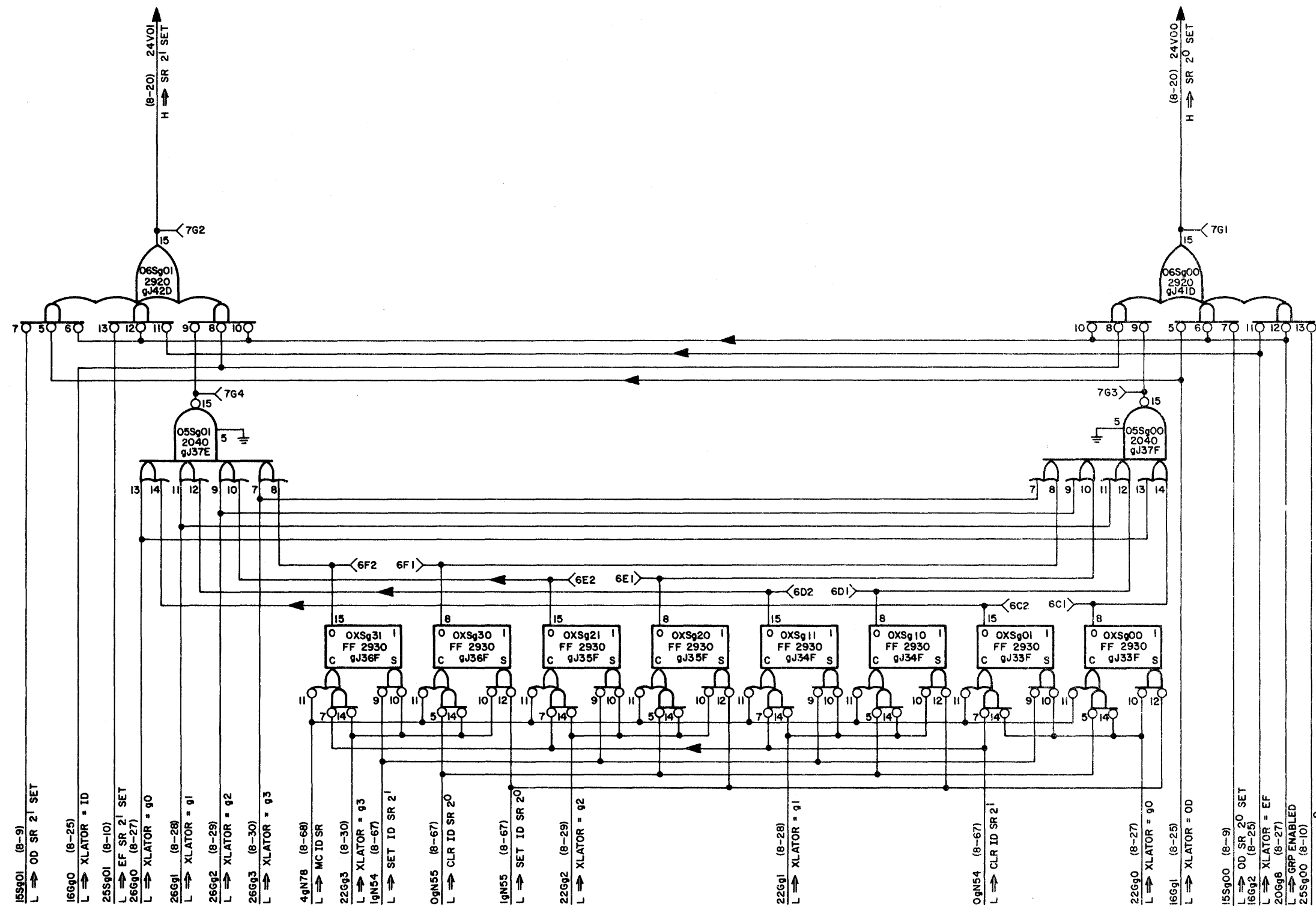
IDENT NO. 7032614-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE
2 PLACE DECIMALS	± .005
3 PLACE DECIMALS	± .001
ANGLES	± .005
HOLE DIAMETER TOLERANCE	± .005
0 THRU .250	± .005
.251 THRU .500	± .005
.501 & LARGER	± .010
THREADS: EX. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
LAYOUT		DATE	CLASS	UNIVAC		
DRAFTSMAN		2-23-65	A	DIVISION OF SPERRY RAND CORPORATION		
CHECKER				TITLE		
B. POPOV				FUNCTIONAL SCHEMATIC, EI REQ OS & GATES		
ENGINEER						
R. OULICKY						
APPROVAL						
CODE IDENT NO.	SIZE	DWG NO.				
90536	D	7032614				
SCALE	WEIGHT	SHEET		OF 1		

REVISIONS				
SYM	ZONE	FIR	DESCRIPTION	CHK DATE APPROVED



NOTE:
1. ALL CIRCUITS ON THIS DRAWING ARE FOR USE WITH MCP642 MEMORY UNIT.

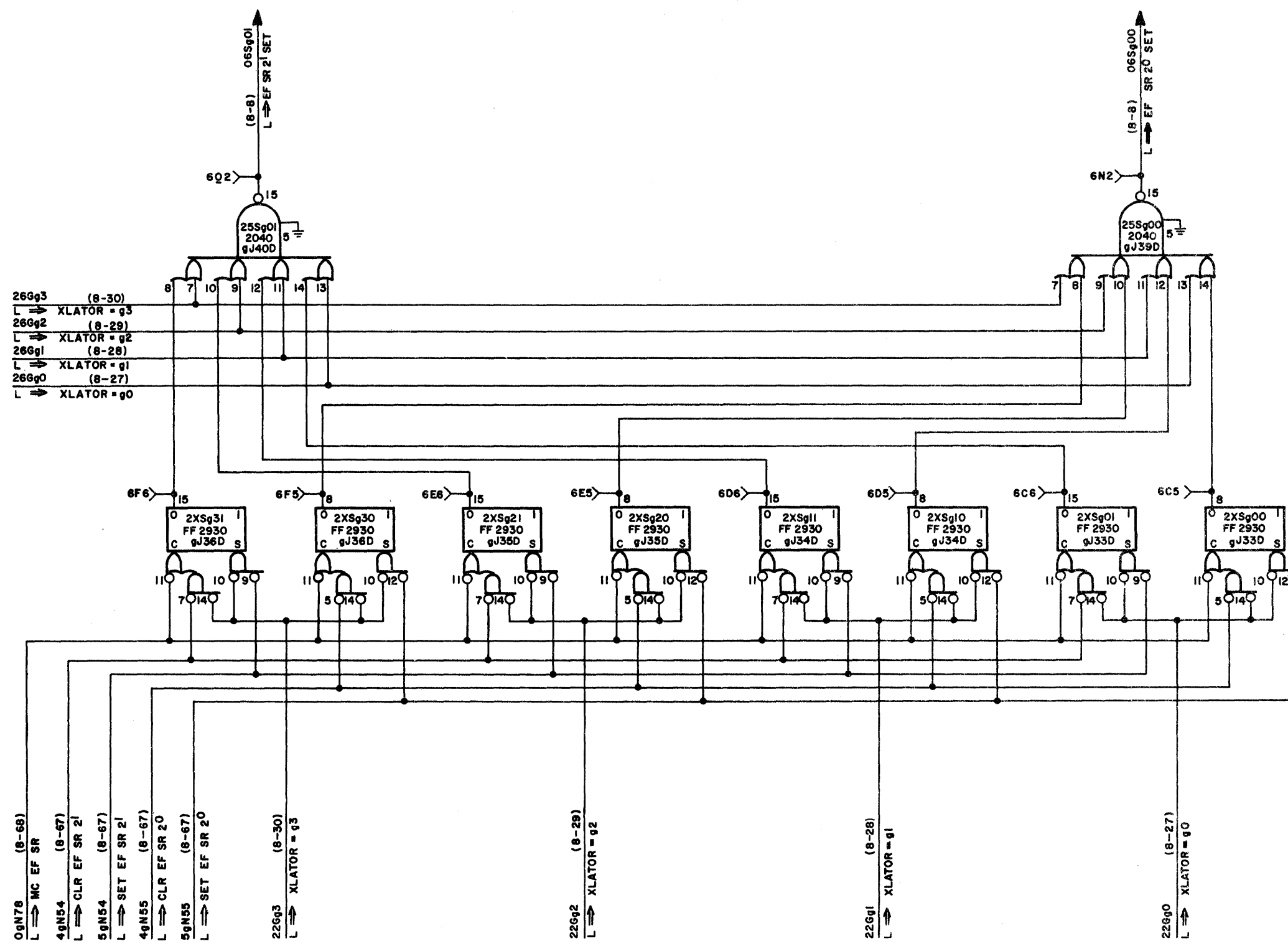
FIGURE 8-8

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS ± .005 3 PLACE DECIMALS ± .001 ANGLES ± .005 HOLE DIAMETER TOLERANCE Ø THRU .250 ± .005 .251 THRU .500 ± .005 .501 & LARGER ± .010 THREADS EXC. CL. 2A, INT. CL. 2B MATERIAL FINISH	LAYOUT DRAFTSMAN W.C. MEGGERS CHECKER B. POPOV ENGINEER R. OULICKY APPROVAL <i>[Signature]</i>	DATE 3-11-55 CLASS A TITLE FUNCTIONAL SCHEMATIC, ID SPECIAL REGISTER
	IDENT NO. 7032624-00 THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION IN THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT: ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE REPRODUCED, COPIED, OR TRANSMITTED IN ANY MANNER OR FOR ANY PURPOSES OTHER THAN THAT AUTHORIZED OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION	SCALE WEIGHT SHEET OF

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED



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1. ALL CIRCUITS ON THIS DRAWING ARE FOR USE WITH MCP642 MEMORY UNIT.

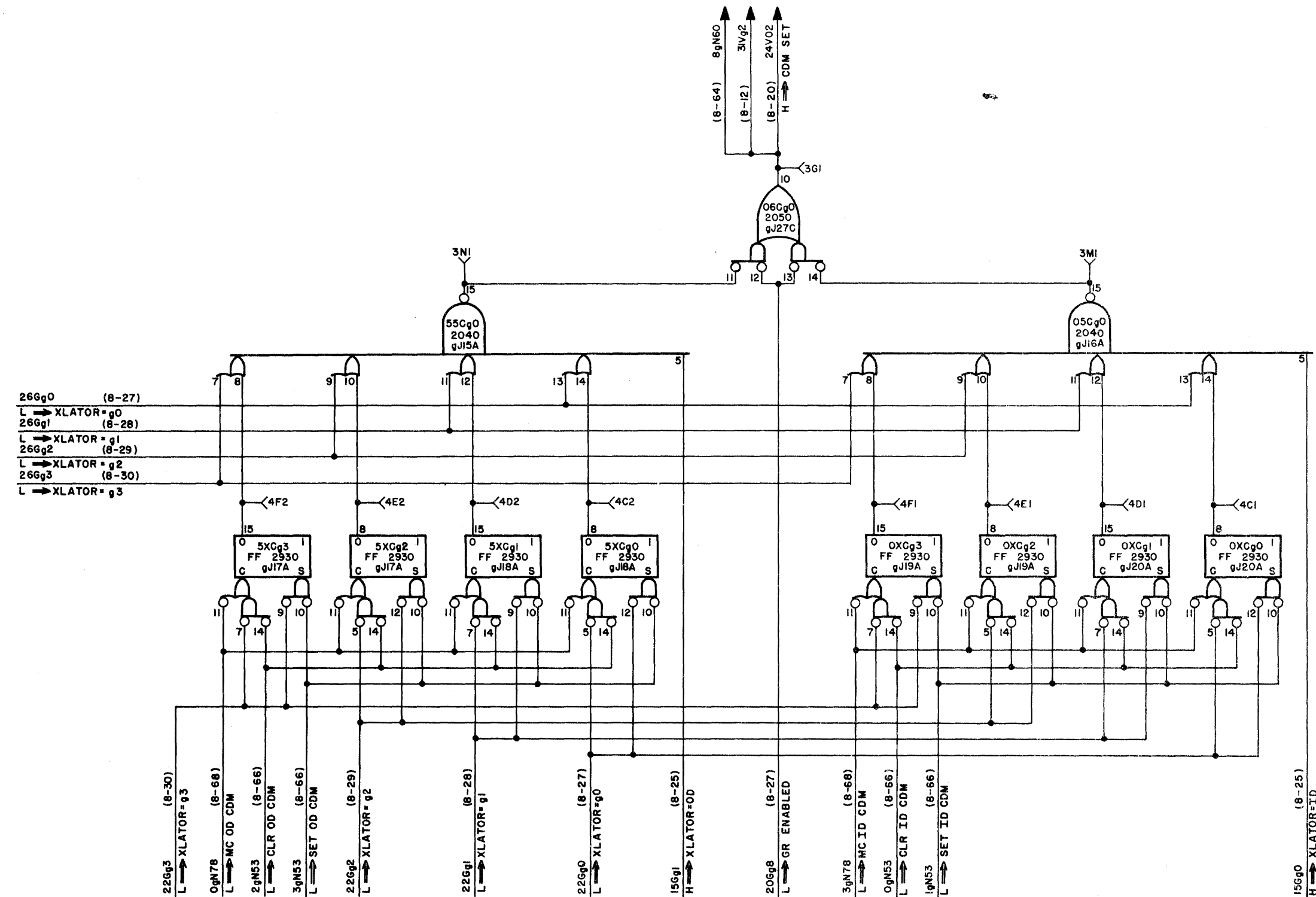
FIGURE 8-10

IDENT NO. 7032616-00

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QTY	IND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
LAYOUT				DATE	CLASS	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>	
DRAFTSMAN				2-25-65	A		
CHECKER				TITLE		FUNCTIONAL SCHEMATIC, EF SPECIAL REGISTER	
ENGINEER							
APPROVAL				SCALE	WEIGHT	CODE IDENT NO.	DWG NO.
						90536	7032616

REVISIONS				
NO.	DATE	DESCRIPTION	BY	APPROVED



26Gg0 (8-27)
L → XLATOR = g0
26Gg1 (8-28)
L → XLATOR = g1
26Gg2 (8-29)
L → XLATOR = g2
26Gg3 (8-30)
L → XLATOR = g3

22Gg3 (8-30) L → XLATOR = g3
0gN78 (8-68) L → MC OD CDM
2gN53 (8-66) L → CLR OD CDM
3gN53 (8-66) L → SET OD CDM
22Gg2 (8-29) L → XLATOR = g2
22Gg1 (8-28) L → XLATOR = g1
22Gg0 (8-27) L → XLATOR = g0
15Gg1 (8-25) H → XLATOR = OD
20Gg8 (8-27) L → GR ENABLED
3gN78 (8-68) L → MC ID CDM
0gN53 (8-66) L → CLR ID CDM
1gN53 (8-66) L → SET ID CDM
15Gg0 (8-25) H → XLATOR = ID

FIGURE 8-11

QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

IDENT NO. 7032630-00

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--	--

LAYOUT	DATE	CLASS
DRAFTSMAN ROLAN BITZER	3-15-65	A
CHECKER B. POPOV	9-15-65	
ENGINEER R. OULICKY	9-15-65	
APPROVAL <i>R. Oulicky</i>	9-15-65	

LIST OF MATERIAL			
UNIVAC DIVISION OF SPERRY RAND CORPORATION			
TITLE FUNCTIONAL SCHEMATIC, CDM			
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7032630	
SCALE	WEIGHT	SHEET 1 OF 1	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED

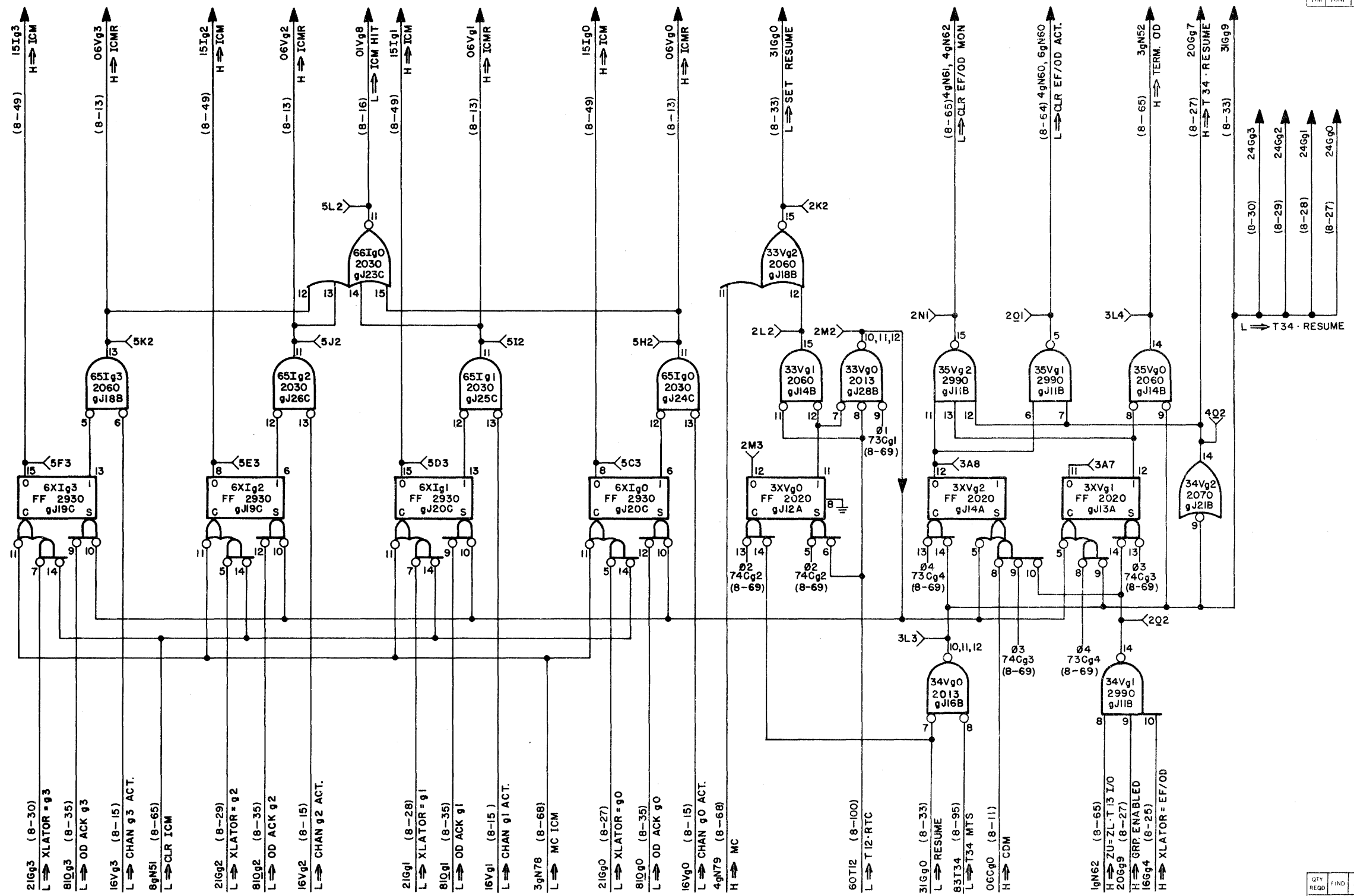


FIGURE 8-12

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						

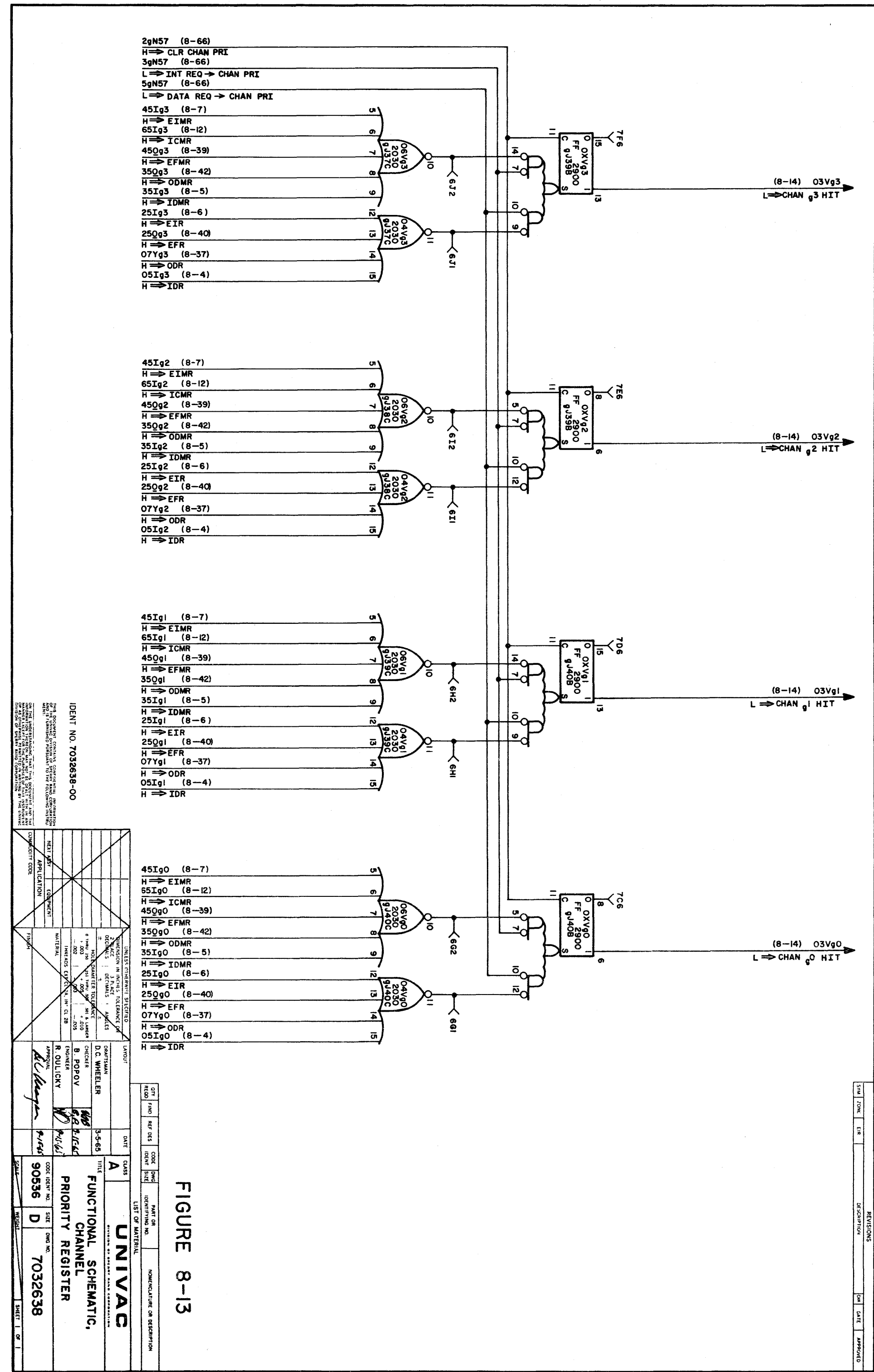
IDENT NO. 7032635-00

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UNLESS OTHERWISE SPECIFIED: DIMENSION IN INCHES: TOLERANCE UNLESS OTHERWISE SPECIFIED: 2 PLATE .015 3 PLATE .010 4 PLATE .008 5 PLATE .007 6 PLATE .006 7 PLATE .005 8 PLATE .004 9 PLATE .003 10 PLATE .002 11 PLATE .001 12 PLATE .0005 13 PLATE .0003 14 PLATE .0002 15 PLATE .0001	LAYOUT DRAFTSMAN ROLAN BITZER CHECKER B. POPOV ENGINEER R. OULICKY APPROVAL <i>[Signature]</i>	DATE 3-15-65 CLASS A TITLE FUNCTIONAL SCHEMATIC, I/C MON AND TERMINATE LOGIC CODE IDENT NO. 90536 SIZE D DWG NO. 7032635 SCALE SHEET 1 OF 1
---	--	--

REVISIONS	
SIML ZONE	DESCRIPTION
EW	DATE
EW	APPROVED



IDENT NO. 7032638-00

QTY	FIND	REF DES	CODE	DATE	CLASS	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
READ			IDENT				
			DATE	DATE	CLASS	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
		3-5-65	D	7032638	A	UNIVAC	
		3-5-65	D	7032638	A	FUNCTIONAL SCHEMATIC, PRIORITY REGISTER	

UNLESS OTHERWISE SPECIFIED, DIMENSIONS IN INCHES. TOLERANCES: .005 - .010 - .015 - .020 - .030 - .040 - .050 - .060 - .070 - .080 - .090 - .100 - .125 - .150 - .175 - .200 - .250 - .300 - .375 - .500 - .625 - .750 - 1.000 - 1.250 - 1.500 - 2.000 - 2.500 - 3.000 - 4.000 - 5.000 - 6.000 - 8.000 - 10.000

DRAFTSMAN: D.C. WHEELER
 CHECKER: B. POPOV
 ENGINEER: R. OULICKY
 APPROVAL: [Signature]

APPLICATOR: [Signature]
 TITLE: FUNCTIONAL SCHEMATIC, PRIORITY REGISTER
 CODE IDENT NO: 7032638
 SHEET 1 OF 1

FIGURE 8-13

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

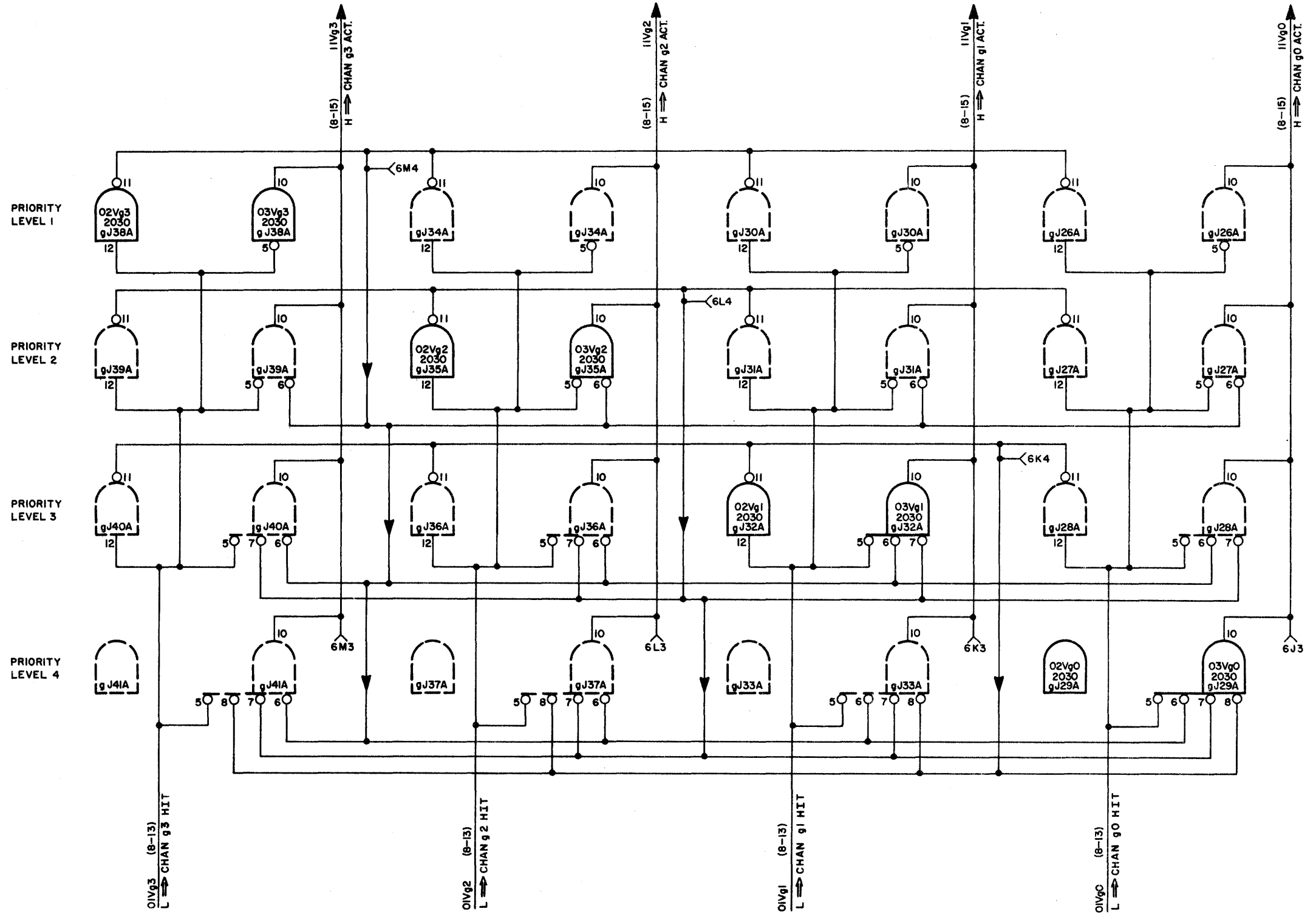


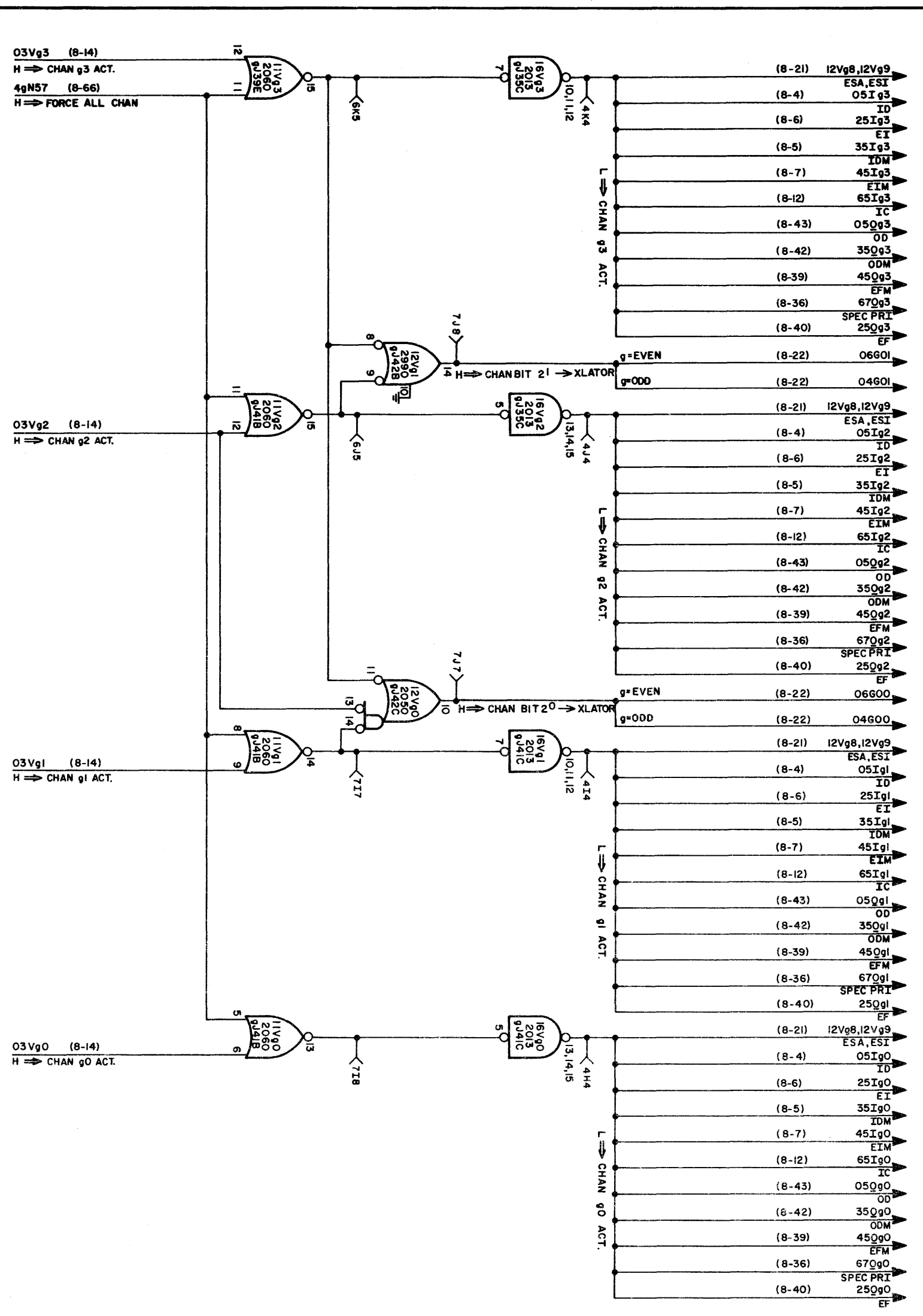
FIGURE 8-14

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS; ANGLES ±			UNIVAC			
HOLE DIAMETER TOLERANCE			DIVISION OF SPERRY RAND CORPORATION			
0 THRU .250 ± .003			TITLE			
.251 THRU .500 ± .005			FUNCTIONAL SCHEMATIC,			
.501 & LARGER ± .010			CHANNEL PRIORITY SELECTOR			
THREADS: EXCEPT AS INT'D CL 28			CODE IDENT NO.			
MATERIAL			SIZE			
FINISH			DWG NO.			
APPLICATION			90536			
COMMUNITY CLUE			D			
			7032634			
			SCALE			
			WEIGHT			
			SHEET 1 OF 1			

IDENT NO. 7032634-00

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UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS; ANGLES ±	DRAFTSMAN	3-1-65	A
HOLE DIAMETER TOLERANCE	CHECKER		
0 THRU .250 ± .003	B. POPOV		
.251 THRU .500 ± .005	ENGINEER		
.501 & LARGER ± .010	R. OULICKY		
THREADS: EXCEPT AS INT'D CL 28	APPROVAL		
MATERIAL			
FINISH			



REV	ZONE	REV	DESCRIPTION	DATE	APPROVED

QTY	REV	REF DES	CODE	UNIT	DESCRIPTION

CLASS	DATE	DRAWN	CHECKED	APPROVED
A	3-5-65	D.C. WHEELER	B. POPOV	R. OULICKY

TITLE	CLASS	DATE
FUNCTIONAL SCHEMATIC, CHANNEL PRIORITY, SELECTOR OUTPUTS	A	3-5-65

UNIVAC	90536	D	7032637
--------	-------	---	---------

FIGURE 8-15

IDENT NO. 7032637-00

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS IN INCHES TOLERANCE IN
DECIMALS | ANGLES | HOLE DIA AFTER TOLERANCE
... 002 | ... 010 | ... 005

APPROVAL: *[Signature]*

COMMODITY CODE: _____

APPLICATION: _____

SCALE: _____

SHEET 1 OF 1

SYMBOL		REVISIONS	
ZONE	DESCRIPTION	DATE	BY
A	3557A	CHP I1CT10	INTERRUPT CORRECTION

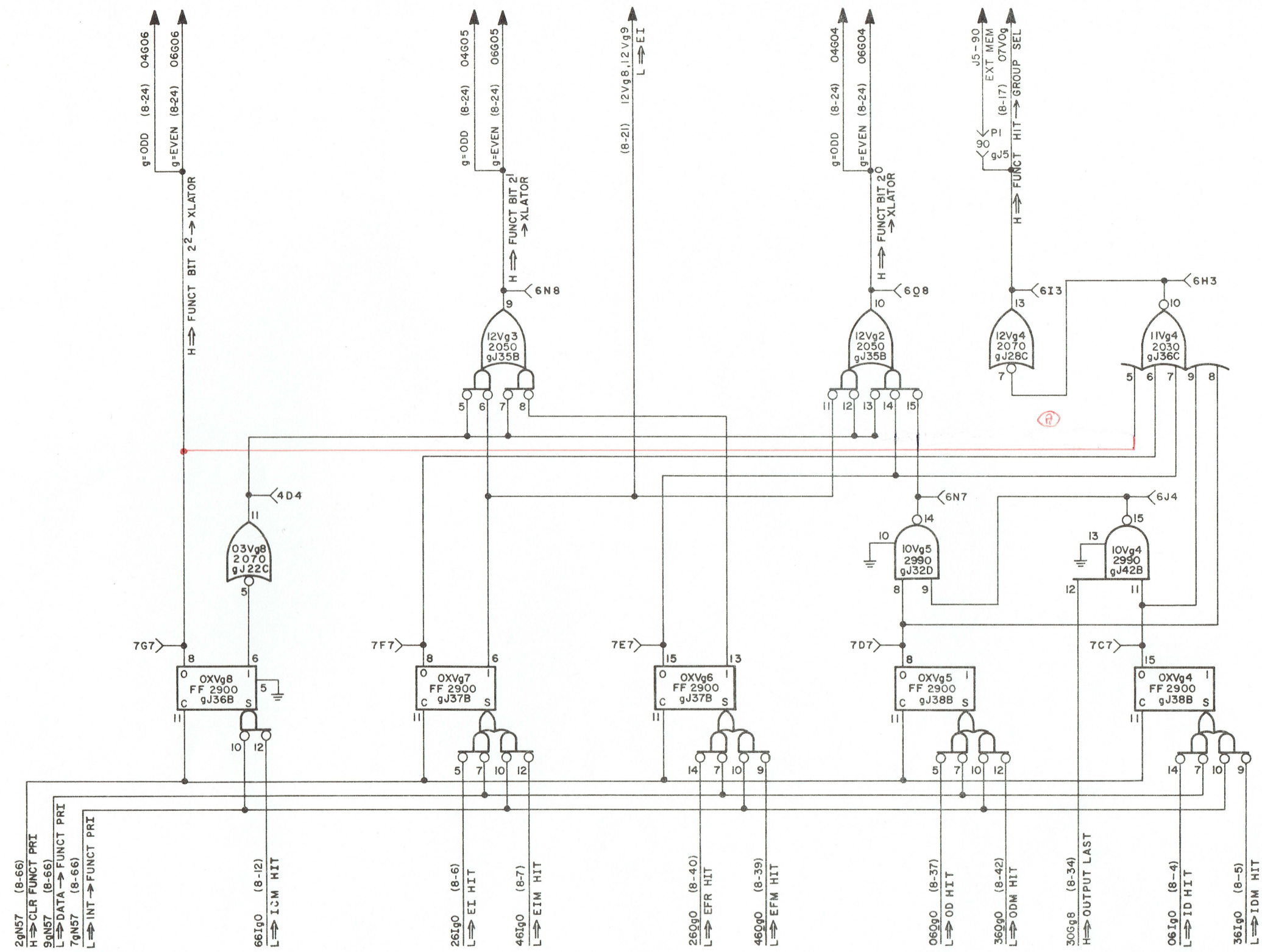


FIGURE 8-16

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						
		DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION		
		12-10-66	A	TITLE		
		FUNCTIONAL SCHEMATIC, FUNCTION PRIORITY REGISTER				
		CHECKER	DATE			
		B. POPOV	3-31-67			
		ENGINEER	DATE			
		J. LAMBING	3-31-67			
		APPROVAL	DATE			
		<i>[Signature]</i>	3-31-67			
		CODE IDENT NO.	SIZE	DWG NO.		
		90536	D	7075150		
		SCALE	WEIGHT	SHEET OF		

IDENT NO. 7075150-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON	LAYOUT
2 PLACE DECIMALS ± .003	DRAFTSMAN
3 PLACE DECIMALS ± .0005	E. BICKETT
ANGLES ± .005	CHECKER
HOLE DIAMETER TOLERANCE	B. POPOV
0 THRU .250 ± .003	ENGINEER
.251 THRU .500 ± .005	J. LAMBING
.501 & LARGER ± .010	APPROVAL
THREADS: EXT. CL. 2A, INT. CL. 2B	<i>[Signature]</i>
MATERIAL	
FINISH	
APPLICATION	
COMMODITY CODE	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

* MODULE LOCATIONS USED

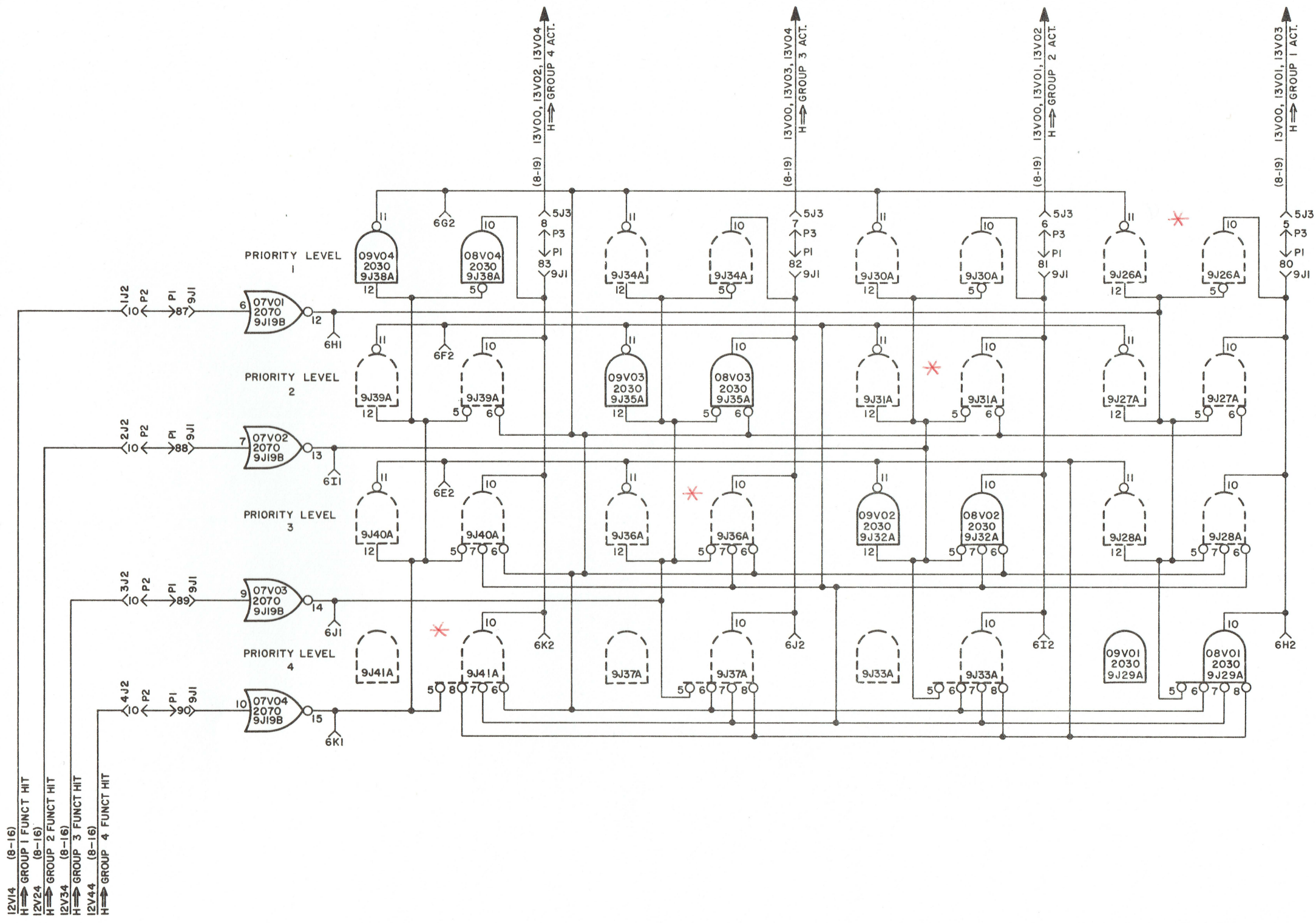


FIGURE 8-17

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES ± ± ± HOLE DIAMETER TOLERANCE 0 THRU .250 ±.005 .251 THRU .500 ±.005 .501 & LARGER ±.010 -.002 ±.005 ±.005 THREADS: EXT. CL. 2A, INT. CL. 2B						LAYOUT DATE CLASS F. MANNING 5-15-65 A	
						CHECKER B. POPOV 5-17-65 ENGINEER R. OULICKY 5-17-65 APPROVAL <i>[Signature]</i> 5-15-65	
IDENT NO. 7032737-00 <small>THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:</small> <small>ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.</small>						TITLE FUNCTIONAL SCHEMATIC, GROUP PRIORITY SELECTOR	
MATERIAL FINISH APPLICATION COMMODITY CODE						CODE IDENT NO. SIZE DWG NO. 90536 D 7032737	
SCALE WEIGHT SHEET OF						SHEET 1 OF 1	

101 2001 110
A13215 EMU CHANNEL PRIORITY CHANGE
B13375 SPART 641B EMU INTERFACE MOD

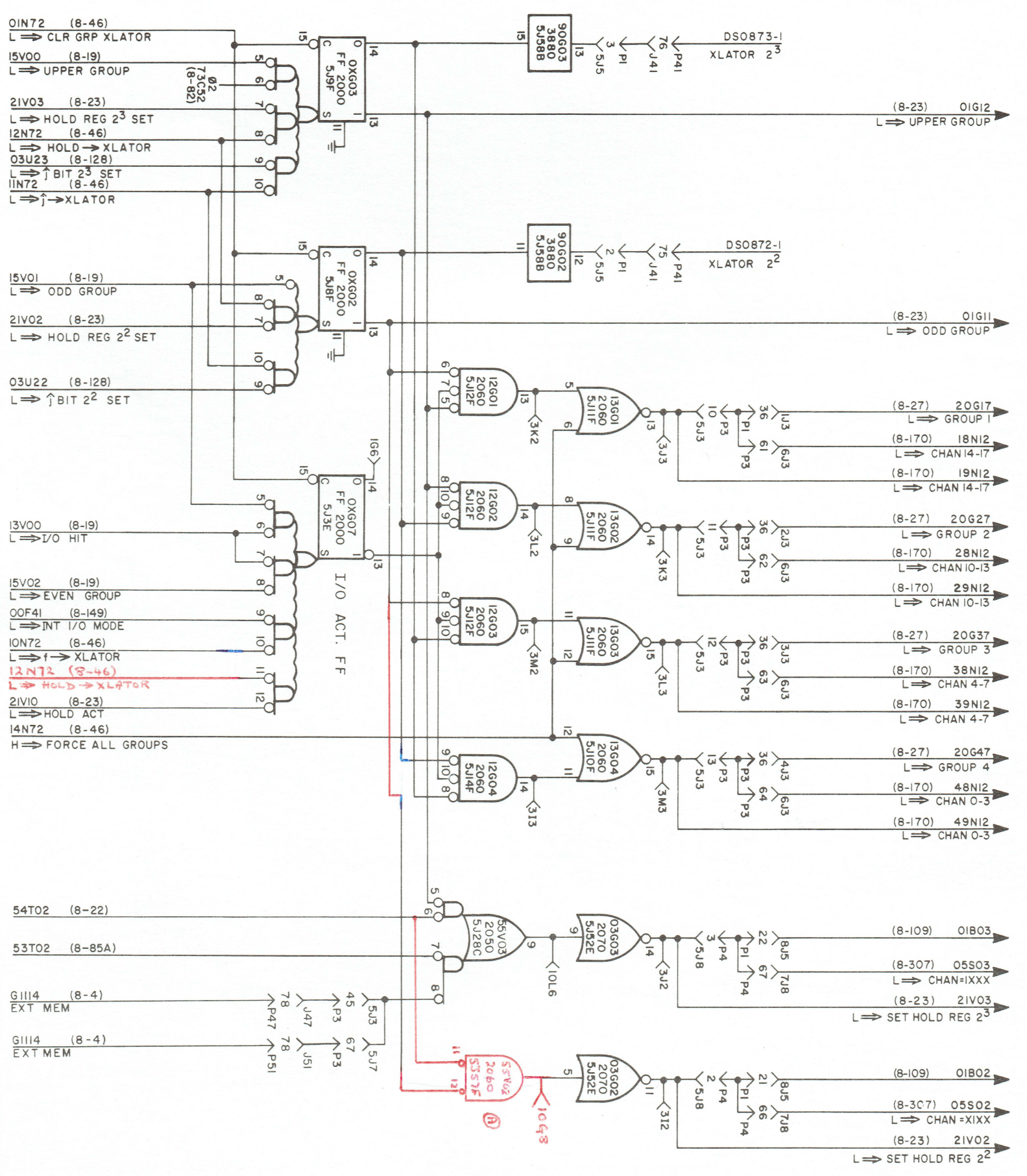


FIGURE 8-18

IDENT NO. 7075151-00

THE INFORMATION CONTAINED HEREIN IS UNCLASSIFIED
 EXCEPT WHERE SHOWN OTHERWISE. DATE 08-14-01 BY 60322
 UNCLASSIFIED BY 60322

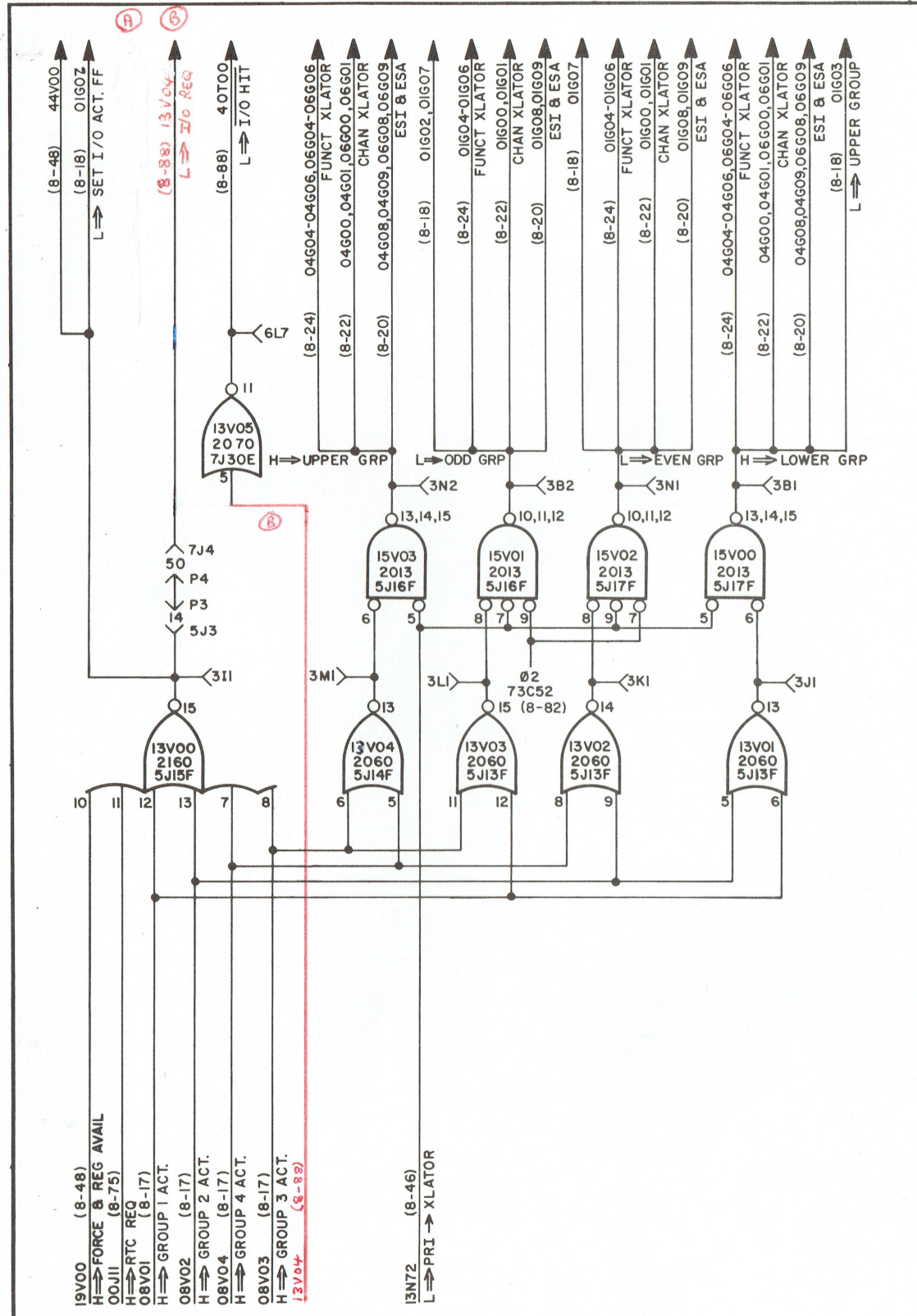
COMMODITY CODE	APPLICATION	EQUIPMENT	MATERIAL

UNIVAC	CLASS	DATE	QTY	UNIT	CODE	DESCRIPTION
UNIVAC	A	21066	1	PCB	90536	FUNCTIONAL SCHEMATIC, GROUP PRI AND TRANS I
			1	PCB	7075151	

UNIVAC	CLASS	DATE	QTY	UNIT	CODE	DESCRIPTION
UNIVAC	A	21066	1	PCB	90536	FUNCTIONAL SCHEMATIC, GROUP PRI AND TRANS I
			1	PCB	7075151	

UNIVAC	CLASS	DATE	QTY	UNIT	CODE	DESCRIPTION
UNIVAC	A	21066	1	PCB	90536	FUNCTIONAL SCHEMATIC, GROUP PRI AND TRANS I
			1	PCB	7075151	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	APPROVAL
A	E13215		EMU CHANNEL PRIORITY CHANGE		
B	0209		6421EMU CONFLICT CHANGE		



GROUPS

15V00	13V01	1+2
15V01	13V03	1+3
15V02	13V02	2+4
15V03	13V04	3+4

FIGURE 8-19

IDENT NO. 7075152-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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QTY REQD		FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
UNLESS OTHERWISE SPECIFIED				LAYOUT		DATE	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS				3 PLACE DECIMALS		ANGLES	
±				±		±	
HOLE DIAMETER TOLERANCE				±			
0 THRU .250		.251 THRU .500		.501 & LARGER			
+.003		+.005		+.010			
-.002		-.003		-.005			
THREADS: EXT. CL. 2A, INT. CL. 2B				MATERIAL		FINISH	
NEXT ASSY				EQUIPMENT		APPLICATION	
COMMODITY CODE							
UNIVAC				DIVISION OF SPERRY RAND CORPORATION		CLASS A	
DRAFTSMAN R. C. PETERSON				DATE 12-11-66		TITLE	
CHECKER B. POPOV				DATE 3-31-67		FUNCTIONAL SCHEMATIC, GROUP PRI AND TRANS 2	
ENGINEER J. LAMBING				DATE 3-31-67		CODE IDENT NO. 90536	
APPROVAL				DATE 3-31-67		SIZE D	
						DWG NO. 7075152	
SCALE				WEIGHT		SHEET OF	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APP'D

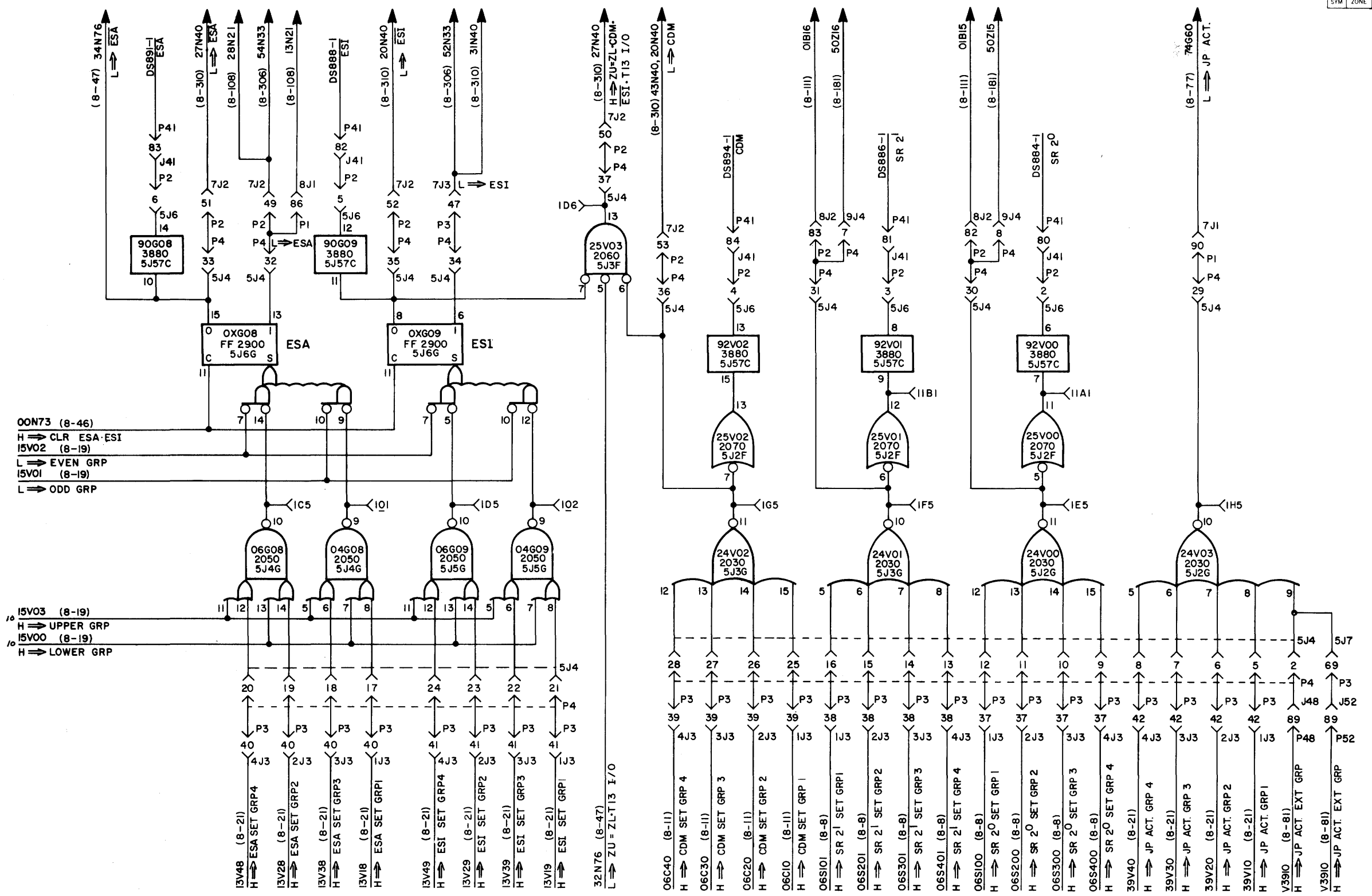


FIGURE 8-20

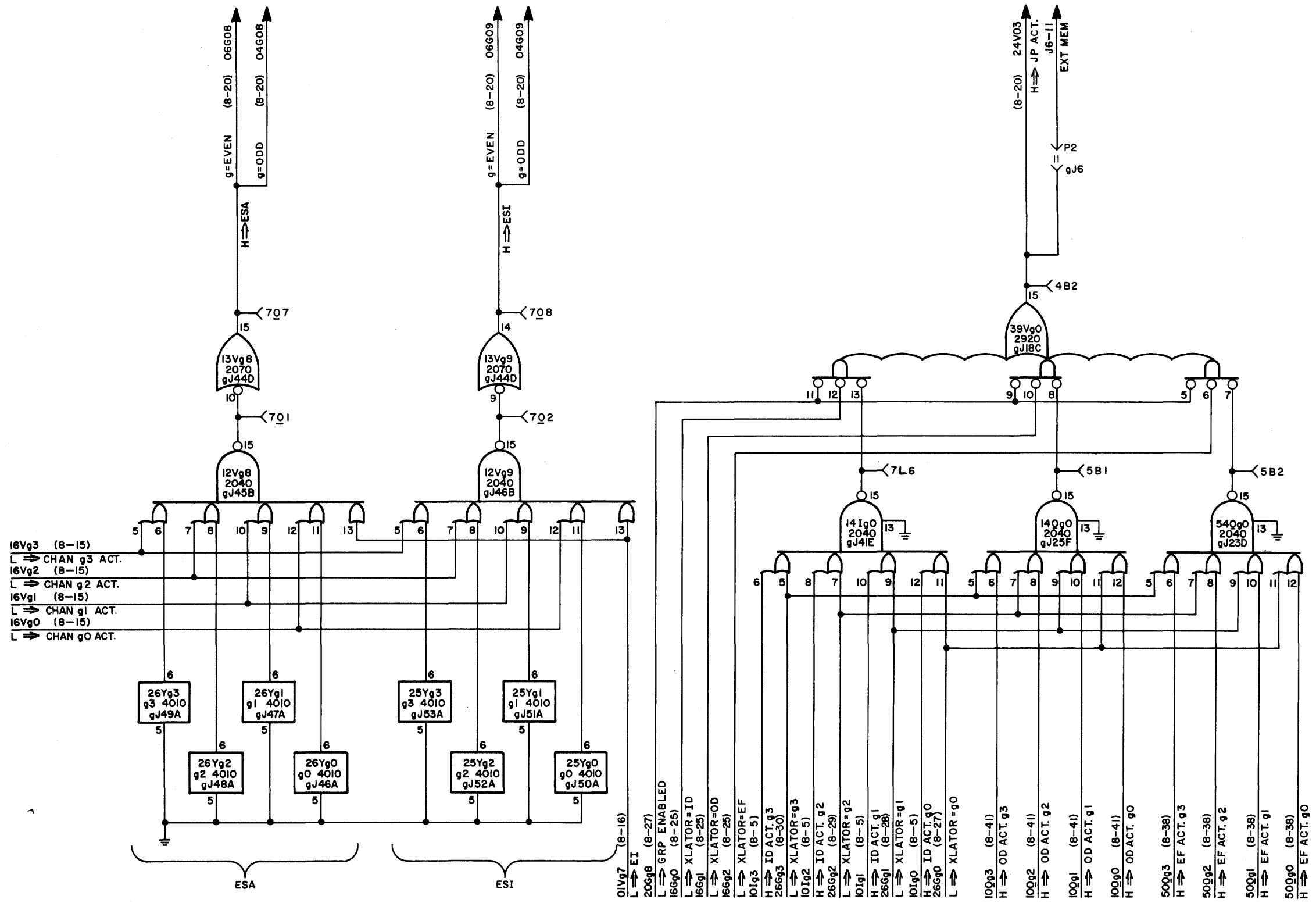
IDENT NO. 7032651-00

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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES HOLE DIAMETER TOLERANCE 0 THRU .250 ±.003 .251 THRU .500 ±.005 .501 & LARGER ±.010 THREADS- EXPT. CL. INT. CL. 2B MATERIAL FINISH	LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION
	DRAFTSMAN G. ERLANDSON	12-10-66	A	
	CHECKER B. POPOV	3-31-67		
	ENGINEER J. LAMBING	8-31-67		
APPROVAL <i>[Signature]</i>				TITLE FUNCTIONAL SCHEMATIC, CDM, ESA, & SR SELECTOR
COMMODITY CODE				CODE IDENT NO. 90536
				SIZE D
				DWG NO. 7075153
				SCALE
				WEIGHT
				SHEET 1 OF 1

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE



NOTE:
1. REFER TO CHASSIS MAP DWG 7032880 FOR PROPER PLACEMENT OF THE 4010 JUMPER CARDS TO SELECT CHANNELS FOR ESI OR ESA OPERATION.

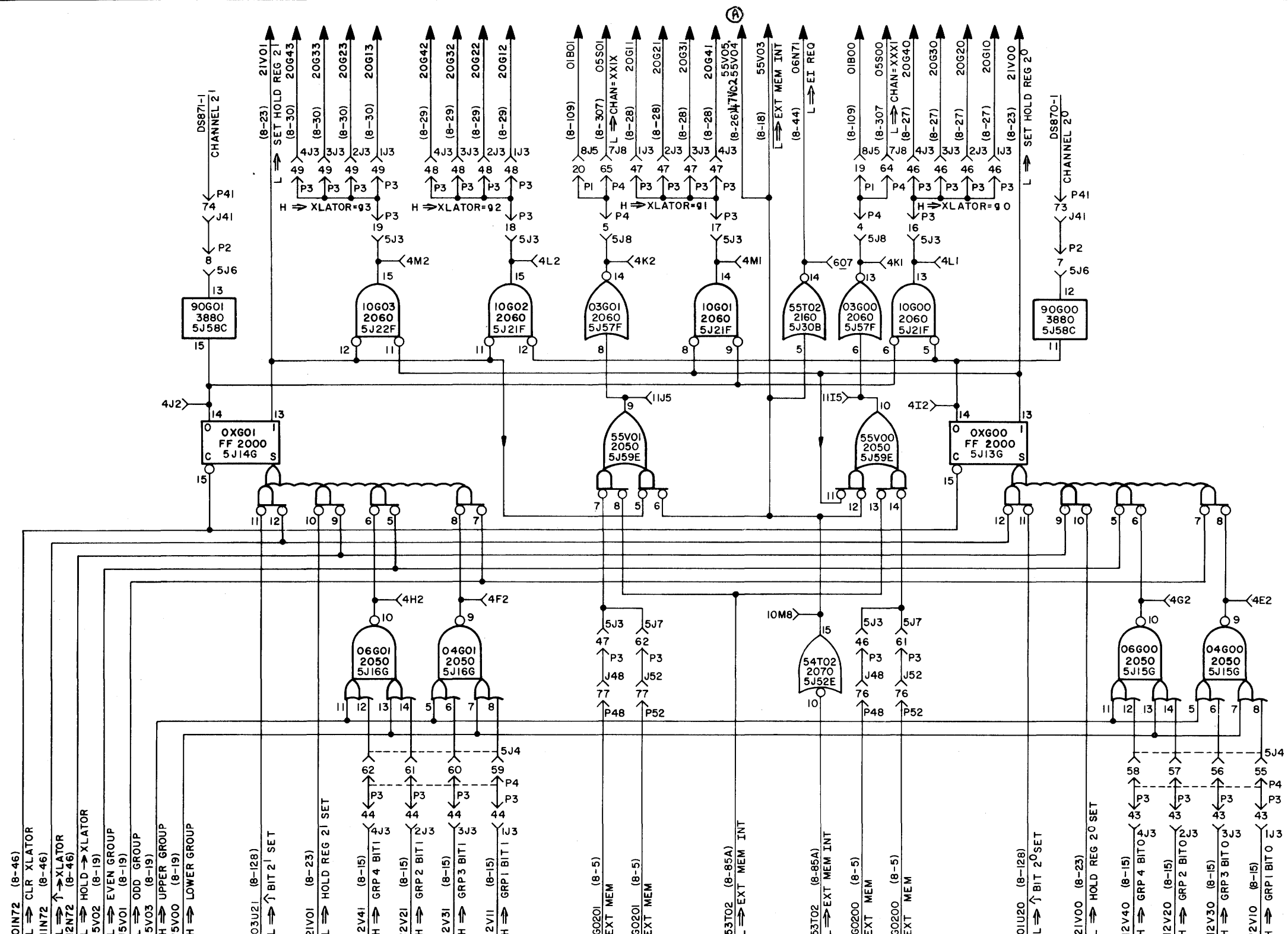
FIGURE 8-21

IDENT NO 7075154-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		12-9-66	A	DIVISION OF SPERRY RAND CORPORATION	
±		±		TITLE		FUNCTIONAL SCHEMATIC, ESA, ESI & JUMP ACTIVE LOGIC	
HOLE DIAMETER TOLERANCE		±		DRAWN BY		E. BICKETT	
0 THRU .250		+.003		CHECKER		B. POPOV	
.251 THRU .500		+.010		ENGINEER		J. LAMBING	
.501 & LARGER		+.015		APPROVAL		<i>[Signature]</i>	
THREADS: EXPT. CL. 2A, INT. CL. 2B		FINISH		CODE IDENT NO.		90536	
MATERIAL		APPLICATION		SIZE		D	
NEXT ASSY		EQUIPMENT		DWG NO.		7075154	
COMMODITY CODE		FINISH		SCALE		WEIGHT	
				SHEET		1 OF 1	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVAL
A	E13215		EMU CHANNEL PRIORITY CHANGE.		



01N72 (8-46) L CLR XLATOR
 11N72 (8-46) L XLATOR
 21N72 (8-46) L XLATOR
 15V02 (8-19) L HOLD → XLATOR
 15V01 (8-19) L EVEN GROUP
 15V03 (8-19) L ODD GROUP
 15V00 (8-19) H UPPER GROUP
 15V00 (8-19) H LOWER GROUP

03U21 (8-128) L ↑ BIT 21 SET
 21V01 (8-23) L HOLD REG 21 SET
 12V41 (8-15) H GRP 4 BIT 1
 12V21 (8-15) H GRP 2 BIT 1
 12V31 (8-15) H GRP 3 BIT 1
 12V11 (8-15) H GRP 1 BIT 1

50201 (8-5) L EXT MEM
 50201 (8-5) L EXT MEM
 53T02 (8-85A) L EXT MEM INT
 53T02 (8-85A) L EXT MEM INT
 50200 (8-5) L EXT MEM
 50200 (8-5) L EXT MEM

01U20 (8-128) L ↑ BIT 20 SET
 21V00 (8-23) L HOLD REG 20 SET
 12V40 (8-15) H GRP 4 BIT 0
 12V20 (8-15) H GRP 2 BIT 0
 12V30 (8-15) H GRP 3 BIT 0
 12V10 (8-15) H GRP 1 BIT 0

FIGURE 8-22

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						

IDENT NO. 7075155

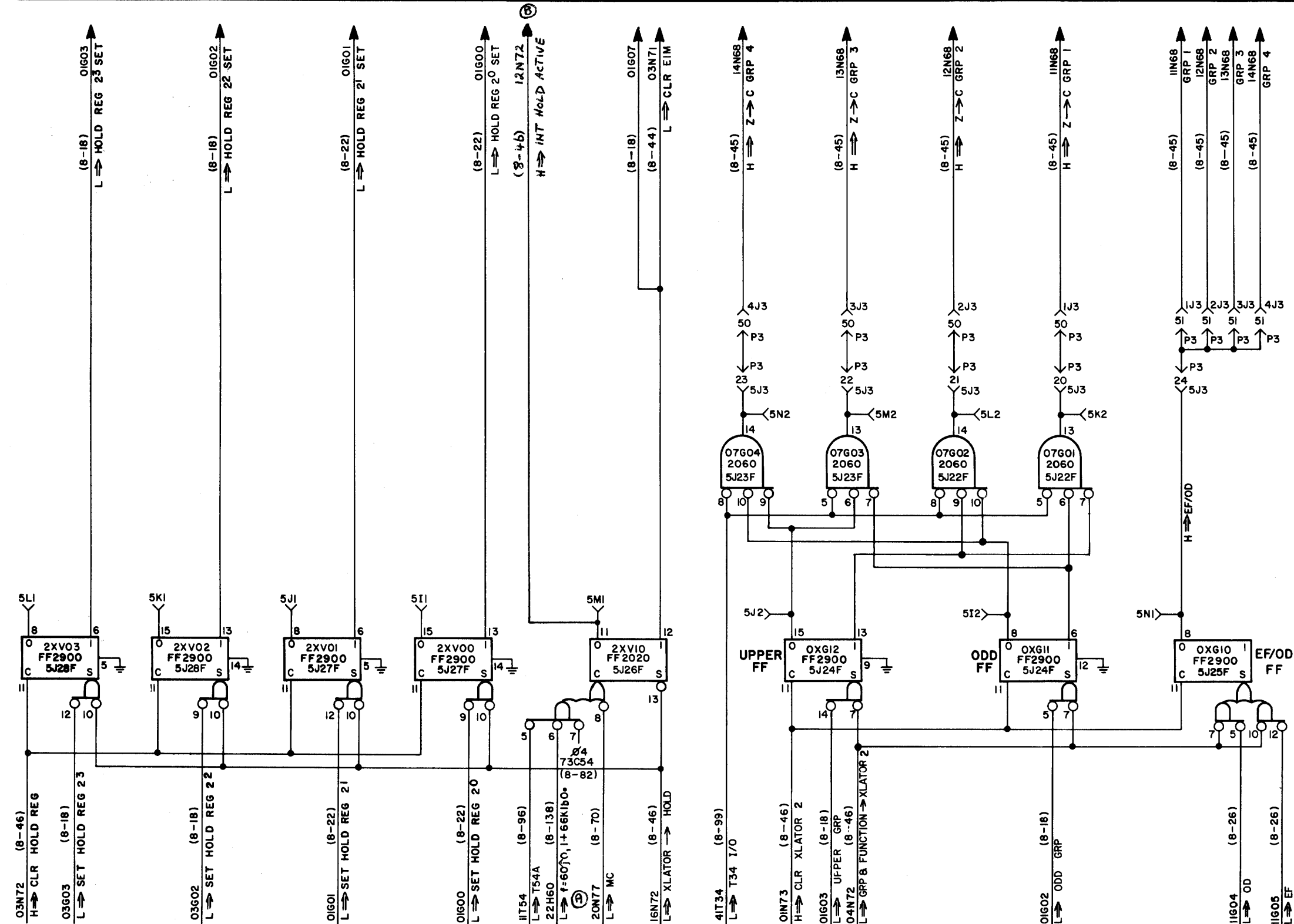
THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT NUMBER:

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE ON
2 PLACE DECIMALS	3 PLACE DECIMALS
+	±
HOLE DIAMETER TOLERANCE	
0 THRU .250	.003 THRU .500
-.003	+.010
-.002	-.005
THREADS: EXT. CL. INT. CL. 28	
MATERIAL	
FINISH	

LAYOUT	DATE	CLASS
DRAFTSMAN G ERLANDSON	12-12-66	A
CHECKER B. POPOV	3-31-67	
ENGINEER J. LAMBING	3-31-67	
APPROVAL <i>J. Lambing</i>	3-31-67	

UNIVAC			
DIVISION OF SPERRY RAND CORPORATION			
TITLE			
FUNCTIONAL SCHEMATIC, CHANNEL TRANSLATOR I			
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7075155	
SCALE	WEIGHT	SHEET OF	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVAL
A	E13317		EXT INT HOLD ACTIVE FIF MOD			
B	E13375		5 PART 642 B EMU INTERFACE MOD			



upper odd clear
 C C 4
 C C 3
 C C 2
 C C 1

FIGURE 8-23

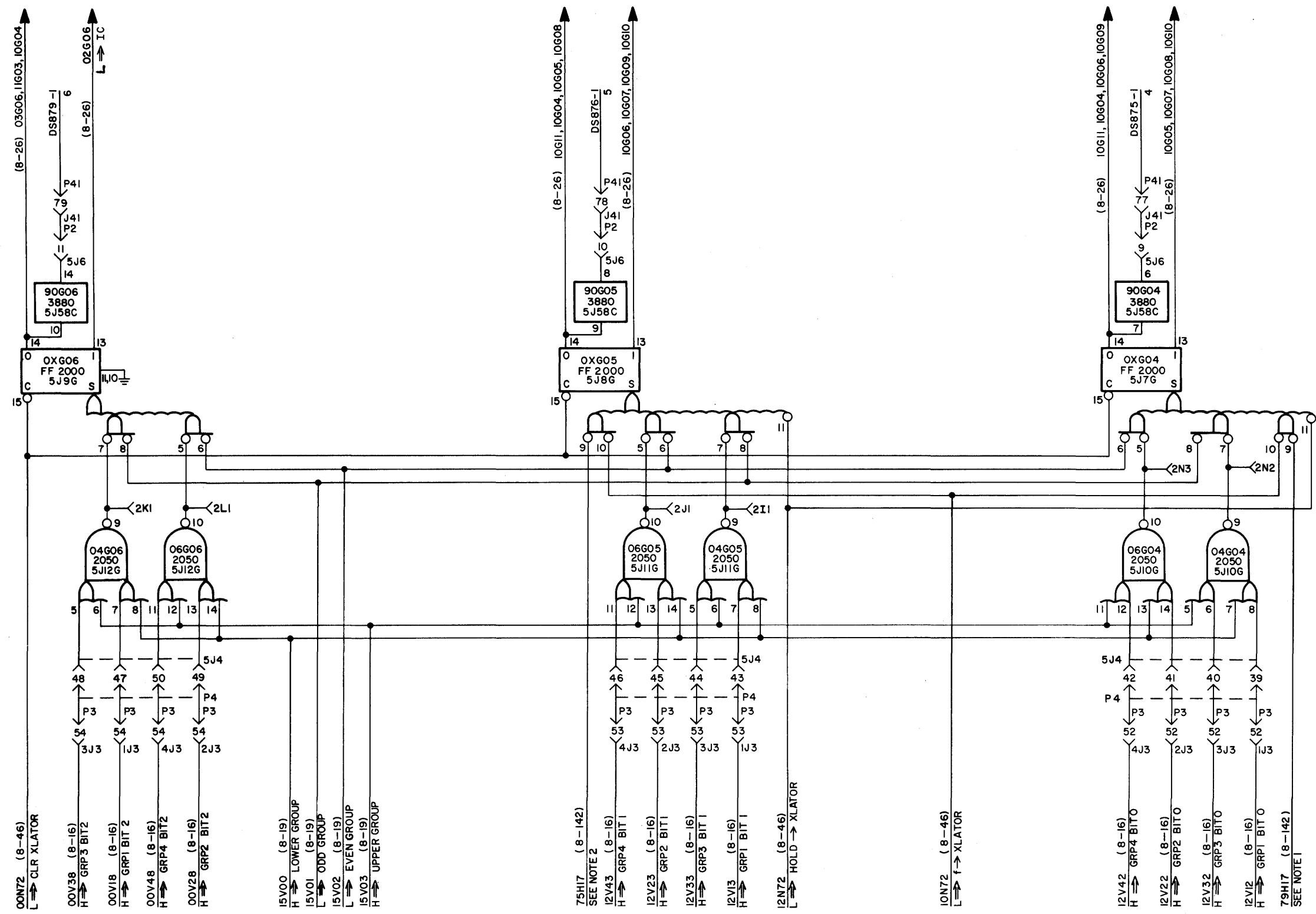
IDENT NO 7075238-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT.

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UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS	LIST OF MATERIAL	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .003		E. BICKETT	12-9-66	A	UNIVAC	
DIMENSION IN INCHES. TOLERANCE ON 3 PLACE DECIMALS ± .001		CHECKER			DIVISION OF SPERRY RAND CORPORATION	
HOLE DIAMETER TOLERANCE 0 THRU .250 +.003		B. POPOV	3-31-67		TITLE	
.251 THRU .500 +.004		ENGINEER			FUNCTIONAL SCHEMATIC, HOLD REGISTER AND TRANSLATOR 2	
.501 & LARGER +.010		D. FREE	3-31-67		CODE IDENT NO.	SIZE DWG NO.
THREADS: EXT. CL. INT. CL. 28		APPROV			90536	D 7075238
MATERIAL					WEIGHT	SHEET OF
FINISH						

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION



NOTE:

- L → f=17K3, 60(j0,1), 66(K2,3), 63, 66K1b0, 67K0, (74,76)K#2, 7762, 7765, 7767, 7772
- L → f=13, 17(K0,1,3), 60(j0,1), 66(K2,3), 66K1b0, 67K1, (74,76)K=2, 7763, 7773

FIGURE 8-24

IDENT NO. 7075156-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE ON
2 PLACE DECIMALS	3 PLACE DECIMALS
ANGLES	
HOLE DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
+.003	+.005
-.002	-.005
THREADS: EXPT. CL 2A, INT. CL 2B	
MATERIAL	
FINISH	
COMMODITY CODE	APPLICATION

LAYOUT	DATE	CLASS
DRAFTSMAN	12-9-66	A
E. BICKETT		
CHECKER		
B. POPOV	3-31-67	
ENGINEER		
J. LAMBING	3-31-67	
APPROVED		
<i>[Signature]</i>	3-31-67	

LIST OF MATERIAL			
QTY REQD	FIND	REF DES	CODE IDENT
PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION	
UNIVAC			
DIVISION OF SPERRY RAND CORPORATION			
TITLE			
FUNCTIONAL SCHEMATIC, FUNCTION TRANSLATOR			
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7075156	
SCALE	WEIGHT	SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	4C88		INTERCOMPUTER TERMINATION	

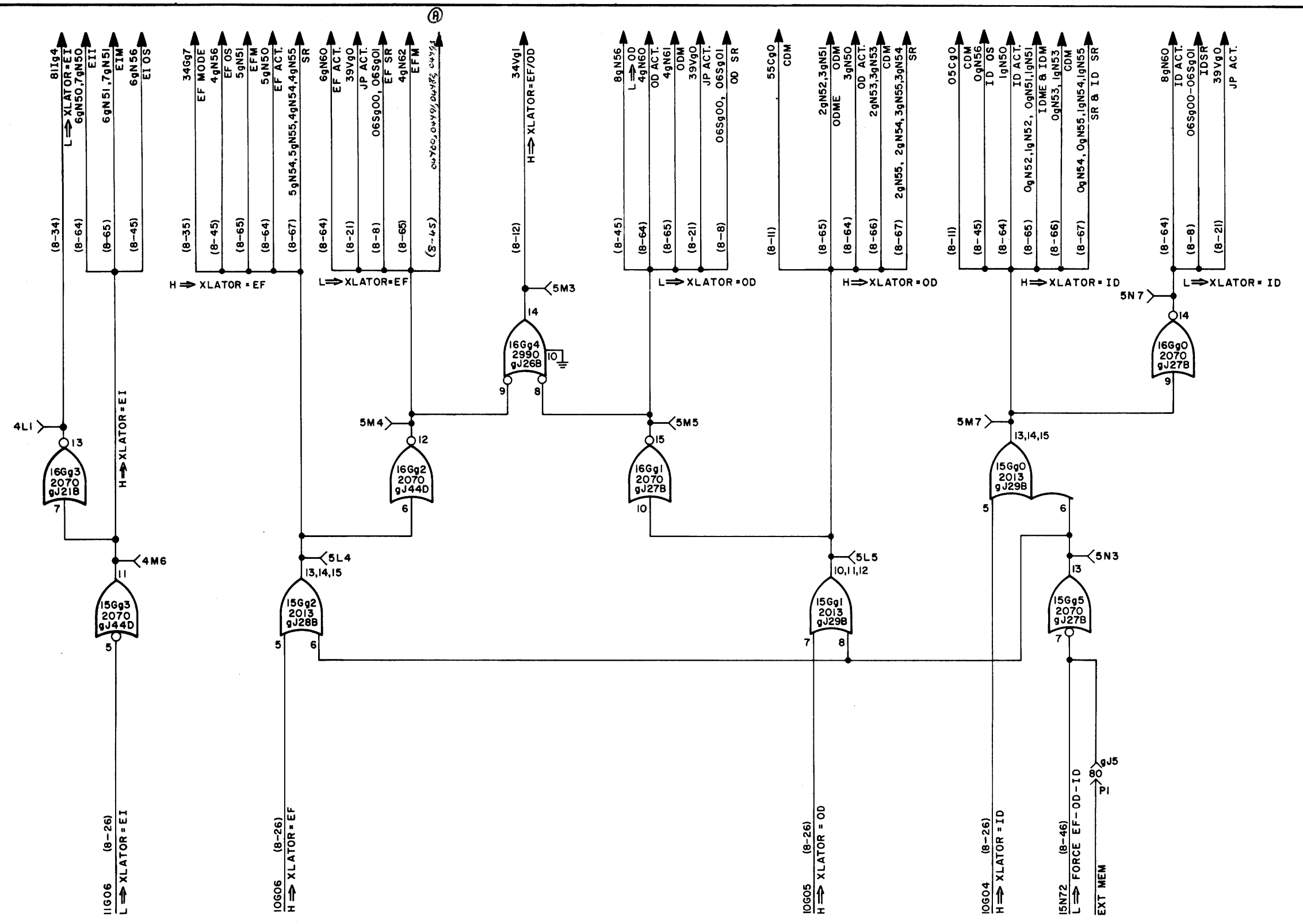


FIGURE 8-25

IDENT NO. 7075157-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE ON
2 PLACE DECIMALS	3 PLACE DECIMALS
±	±
HOLD DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
+ .003	+ .005
-.002	-.005
THREADS: EXCEPT AS INT. CL. 2B	
MATERIAL	FINISH

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
LAYOUT			DATE	CLASS	UNIVAC	
DRAFTSMAN			1-13-67	A	DIVISION OF SPERRY RAND CORPORATION	
G. THOMPSON					TITLE	
CHECKER			3-31-67		FUNCTIONAL SCHEMATIC,	
B. POPOV					FUNCTION TRANSLATOR	
ENGINEER			3-31-67		OUTPUTS I	
J. LAMBING					CODE IDENT NO.	DWG NO.
APPROVED			3-31-67		90536	7075157
					SIZE	D
					SCALE	WEIGHT
					SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	DIR	DESCRIPTION	APPR/VEL
A	EI3215		EMU CHANNEL PRIORITY CHANGE	

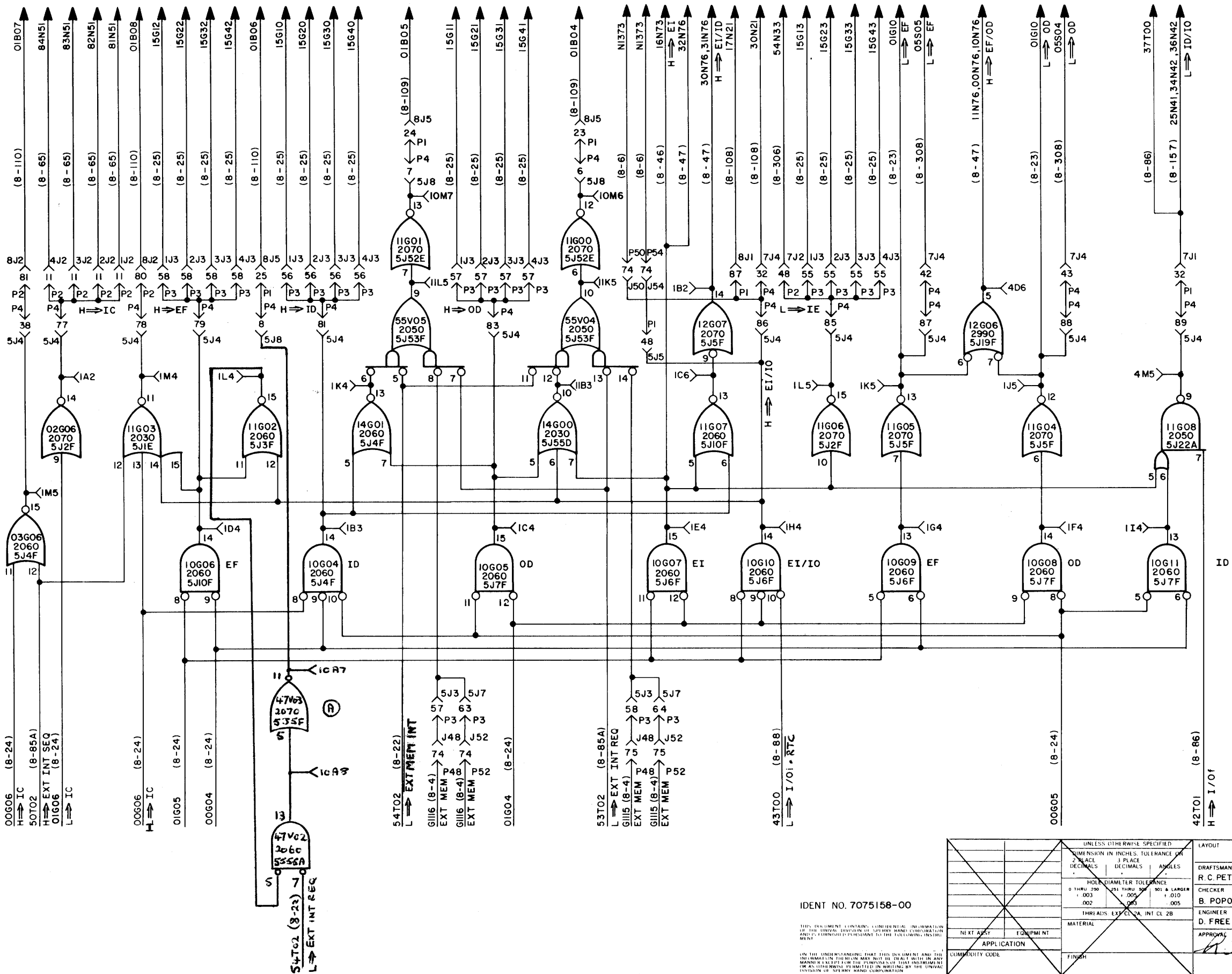


FIGURE 8-26

IDENT NO. 7075158-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION AND THE UNIVAC DESIGN OR SERVICE BRAND DESIGNATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREIN MAY NOT BE DISCLOSED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS AUTHORIZED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED:		DIMENSION IN INCHES, TOLERANCE ON 2 PLACE DECIMALS		DIMENSION IN MILLIMETERS, TOLERANCE ON 3 PLACE DECIMALS		DIMENSION IN ANGLES	
0 THRU .250	±.005	.251 THRU .500	±.010	0.010	±.010		
.501 & LARGER	±.015						
HOLE DIAMETER TOLERANCE:							
0 THRU .250		.251 THRU .500		.501 & LARGER			
±.005		±.005		±.010			
THREADS: EXCEPT AS NOTED, UNF 28							
MATERIAL:							
FINISH:							

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL	
CLASS	A
DRAFTSMAN	R. C. PETERSON
CHECKER	B. POPOV
ENGINEER	D. FREE
APPROVAL	<i>[Signature]</i>
DATE	12-9-66
DATE	3-31-67
DATE	5-31-67
DATE	5-31-67
CODE IDENT NO.	90536
SIZE	D
DWG NO.	7075158
SCALE	
WEIGHT	
SHEET	1 OF 1

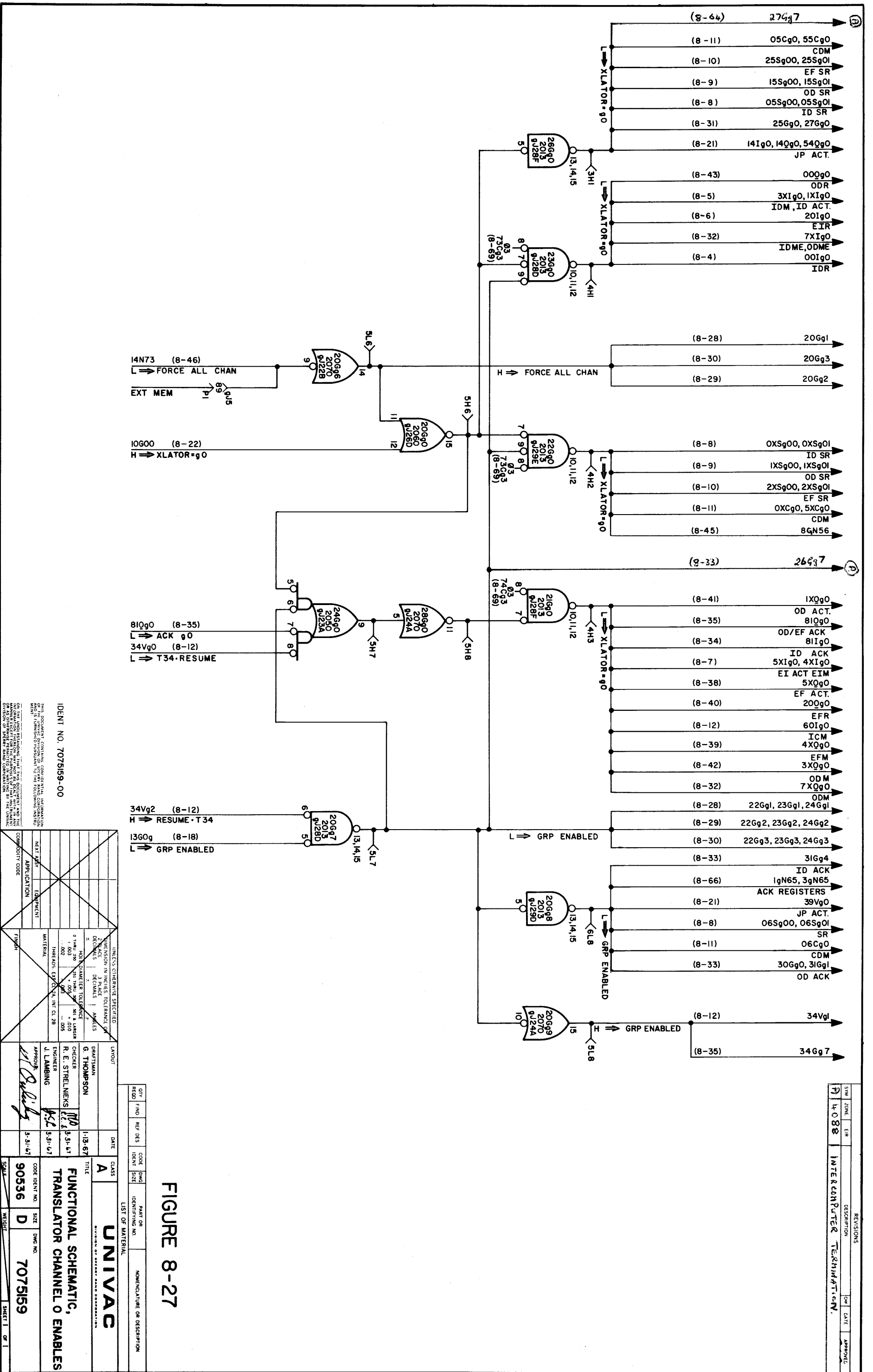


FIGURE 8-27

IDENT NO. 7075159-00

UNLESS OTHERWISE SPECIFIED	FINISH	APPROVAL
DIMENSIONS IN INCHES TOLERANCE: .010	APPROVAL	DATE
DECIMALS	APPROVAL	DATE
FRACTIONS	APPROVAL	DATE
ANGLES	APPROVAL	DATE
UNLESS OTHERWISE SPECIFIED	APPROVAL	DATE
DIMENSIONS IN INCHES TOLERANCE: .010	APPROVAL	DATE
DECIMALS	APPROVAL	DATE
FRACTIONS	APPROVAL	DATE
ANGLES	APPROVAL	DATE

LAYOUT	DATE	CLASS	CODE	IDENT	SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
G THOMPSON	1-13-67	A	90536	D	7075159		
CHECKER	DATE	TITLE	SCALE	WEIGHT	SHEET	OF	
R. E. STRELWICKS	3-31-67	FUNCTIONAL SCHEMATIC, TRANSLATOR CHANNEL O ENABLES					
ENGINEER	DATE						
J. LAMBING	3-31-67						
APPROVAL	DATE						
J. Lambing	3-31-67						
APPROVAL	DATE						
J. Lambing	3-31-67						

REV	DATE	DESCRIPTION
1	4-08-68	INTERCOMPUTER TERMINATION

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION
A	E12781		OD I-SHOT CLR ON IC CHAN AT EF
B	4088		INTERCOMPUTER TERMINATION.

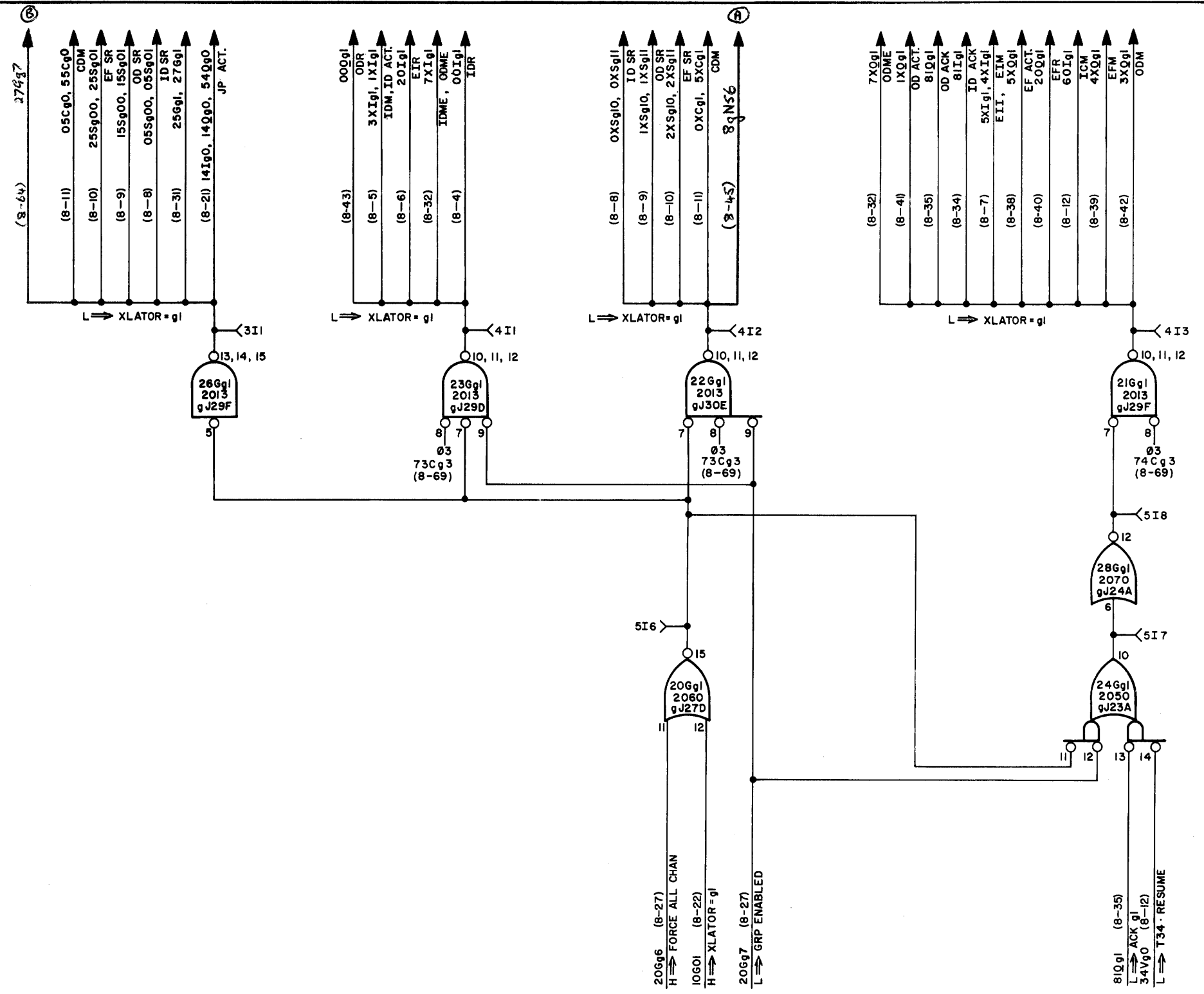


FIGURE 8-28

IDENT NO. 7032646-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DISCLOSED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES: TOLERANCE ON	
2 PLACE DECIMALS	± 0.005
3 PLACE DECIMALS	± 0.002
ANGLES	± 10'
HOLE DIAMETER TOLERANCE	
0 THRU .250	± 0.005
.251 THRU .500	± 0.004
.501 & LARGER	± 0.003
THREADS: EXCEPT INT CL 2B	
MATERIAL	
FINISH	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
LAYOUT		DATE	CLASS	UNIVAC		
DRAFTSMAN		3-5-65	A	DIVISION OF SPERRY RAND CORPORATION		
ROLAN BITZER				TITLE		
CHECKER				FUNCTIONAL SCHEMATIC,		
B. POPOV				TRANSLATOR		
ENGINEER				CHANNEL I ENABLES		
R. OULICKY				CODE IDENT NO.	SIZE	DWG NO.
APPROVAL				90536	D	7032646
SCALE				WEIGHT	SHEET	OF

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A	E17781		OD I-SHOT CLR ON IC CHAN AT EF	
B	4088		INTERCOMPUTER TERMINATION	

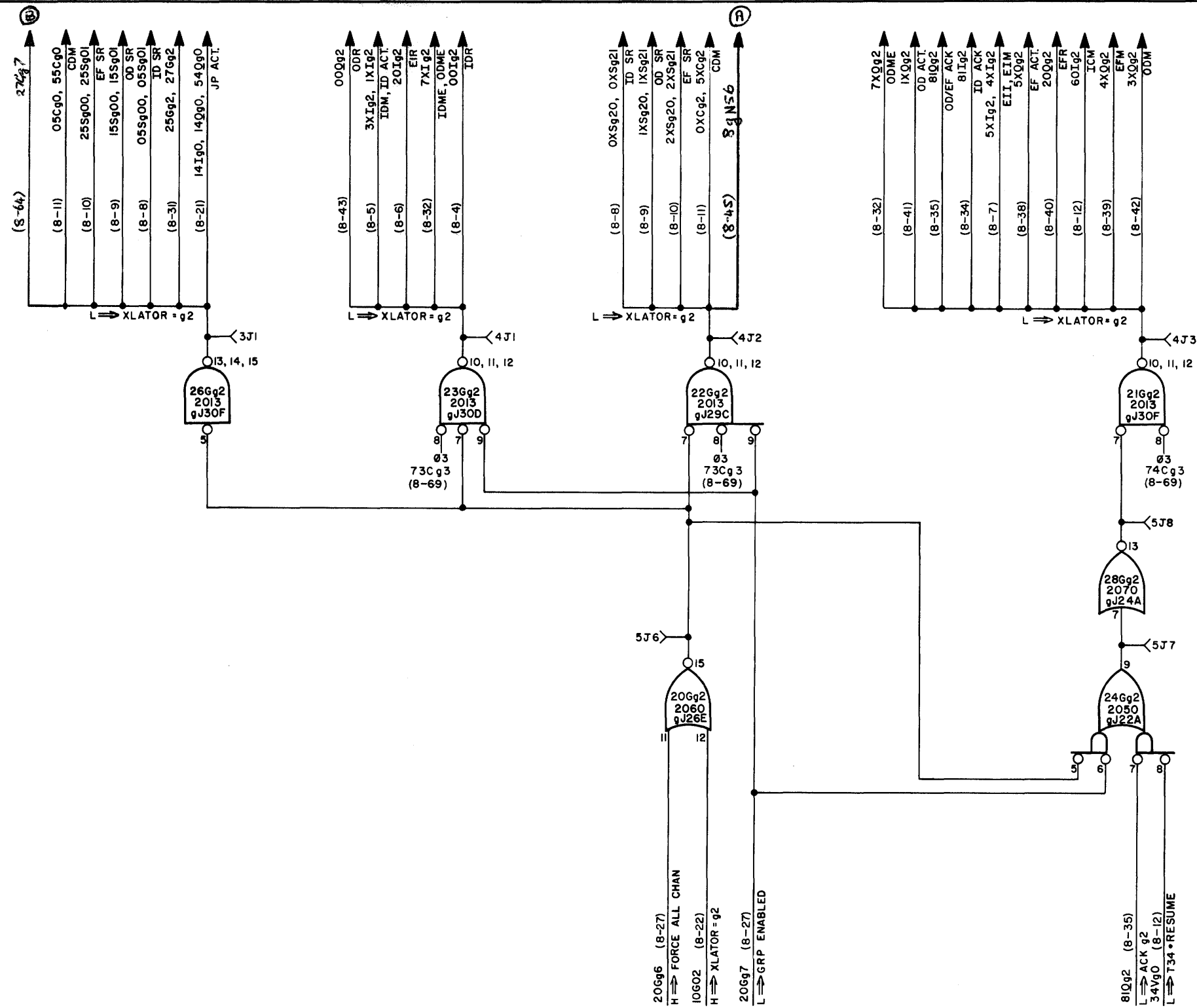


FIGURE 8-29

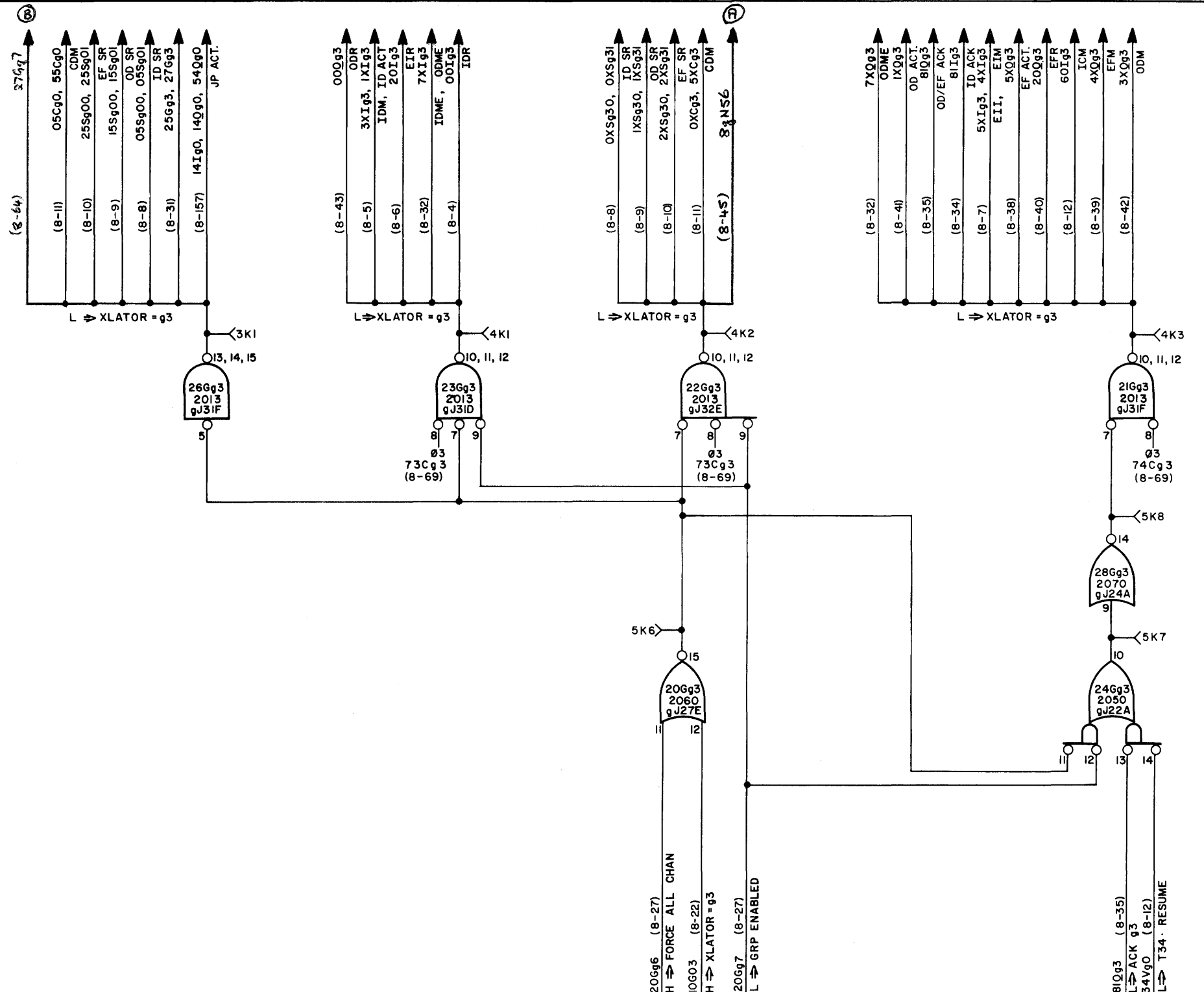
QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
			DATE	CLASS	UNIVAC	
			3-8-65	A	DIVISION OF SPERRY RAND CORPORATION	
			TITLE			
			FUNCTIONAL SCHEMATIC, TRANSLATOR CHANNEL 2 ENABLES			
			CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7032647	
			SCALE	WEIGHT	SHEET OF	

IDENT NO. 7032647-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE ON
2 PLACE DECIMALS	3 PLACE DECIMALS
1	5
HOLE DIAMETER TOLERANCE	
0 THRU .250	+.005
.251 THRU .500	+.010
.501 & LARGER	+.015
THREADS, EXCEPT INT CL ZB	
MATERIAL	
FINISH	

DRAFTSMAN	DATE	CLASS
ROLAN BITZER	3-8-65	A
CHECKER		
B. POPOV	9-15-61	
ENGINEER		
R. OULICKY	9-15-61	
APPROVAL		
<i>[Signature]</i>	9-15-61	



REVISIONS			
REV	DATE	DESCRIPTION	APPROVED
A	11/27/61	OD 1-SHOT CLR ON IC CHAN A EF	
B	4/28/62	INTERCOMPUTER TERMINATION	

20Gg6 (8-27)
H ⇒ FORCE ALL CHAN
10G03 (8-22)
H ⇒ XLATOR = g3
20Gg7 (8-27)
L ⇒ GRP ENABLED

810g3 (8-35)
L ⇒ ACK g3
34Vg0 (8-12)
L ⇒ T34 - RESUME

FIGURE 8-30

IDENT NO. 7032648-00

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UNLESS OTHERWISE SPECIFIED	
SIZE	1/8" X 1/4" X 1/8"
FINISH	AS SUPPLIED
DRILLING	AS SPECIFIED
THREADS	AS SPECIFIED
MATERIAL	AS SPECIFIED
APPLICATION	AS SPECIFIED
DATE	AS SPECIFIED
CLASS	AS SPECIFIED
IDENTIFYING NO.	AS SPECIFIED
NOMENCLATURE OR DESCRIPTION	AS SPECIFIED

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNIVAC			DIVISION OF SPERRY RAND CORPORATION			
DRAFTSMAN		DATE		CLASS		
ROLAN BITZER		3-8-65		A		
CHECKER		ENGINEER		TITLE		
B. POPOV		R. OULICKY		FUNCTIONAL SCHEMATIC, TRANSLATOR CHANNEL 3 ENABLES		
APPROVAL		DATE		CODE IDENT NO.		
[Signature]		8-5-65		90536		
SIZE		DWG NO.		SCALE		
D		7032648		WEIGHT		
SHEET		OF				

REV	ZONE	DATE	APPROVED

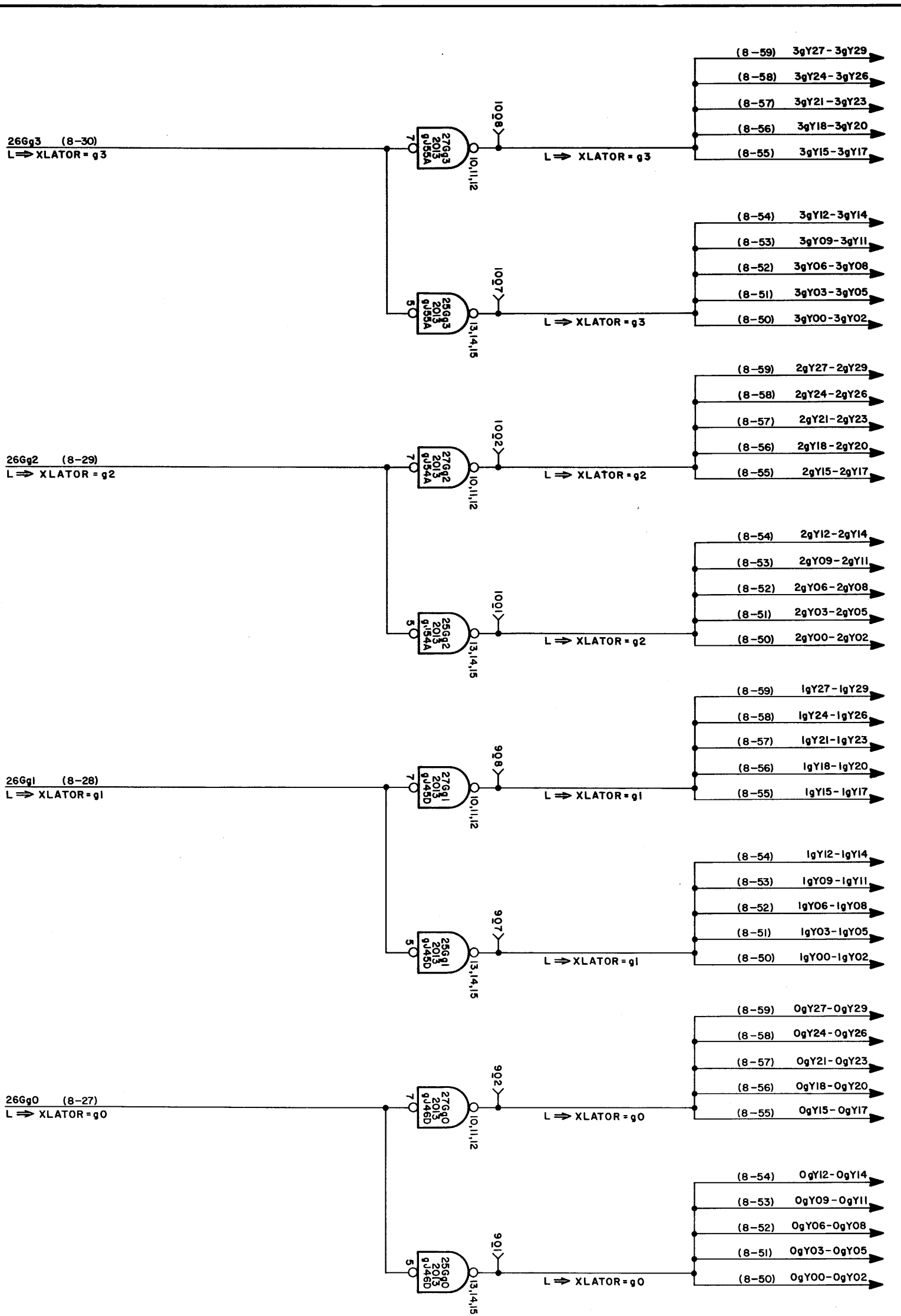


FIGURE 8-31

UNLESS OTHERWISE SPECIFIED		DIMENSIONS IN INCHES, TOLERANCE IS	
FRAMES	± .005	KEYS	± .005
HOLES	± .005	SPACERS	± .005
PLATES	± .005	WELDS	± .005
THREADS	± .005	FINISH	± .005
APPROVAL	DATE	CLASS	TITLE
W.C. MEGGERS	3-9-65	A	FUNCTIONAL SCHEMATIC
B. POPOV	9-15-61		TRANSLATOR GROUP
R. OULICKY	9-15-61		ENABLES
UNIVAC	UNIVERSITY OF VIRGINIA		
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7032641	

IDENT NO. 7032641-00

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REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK DATE	APPROVED
A		71684	SEE EIR	4/10-23-5	

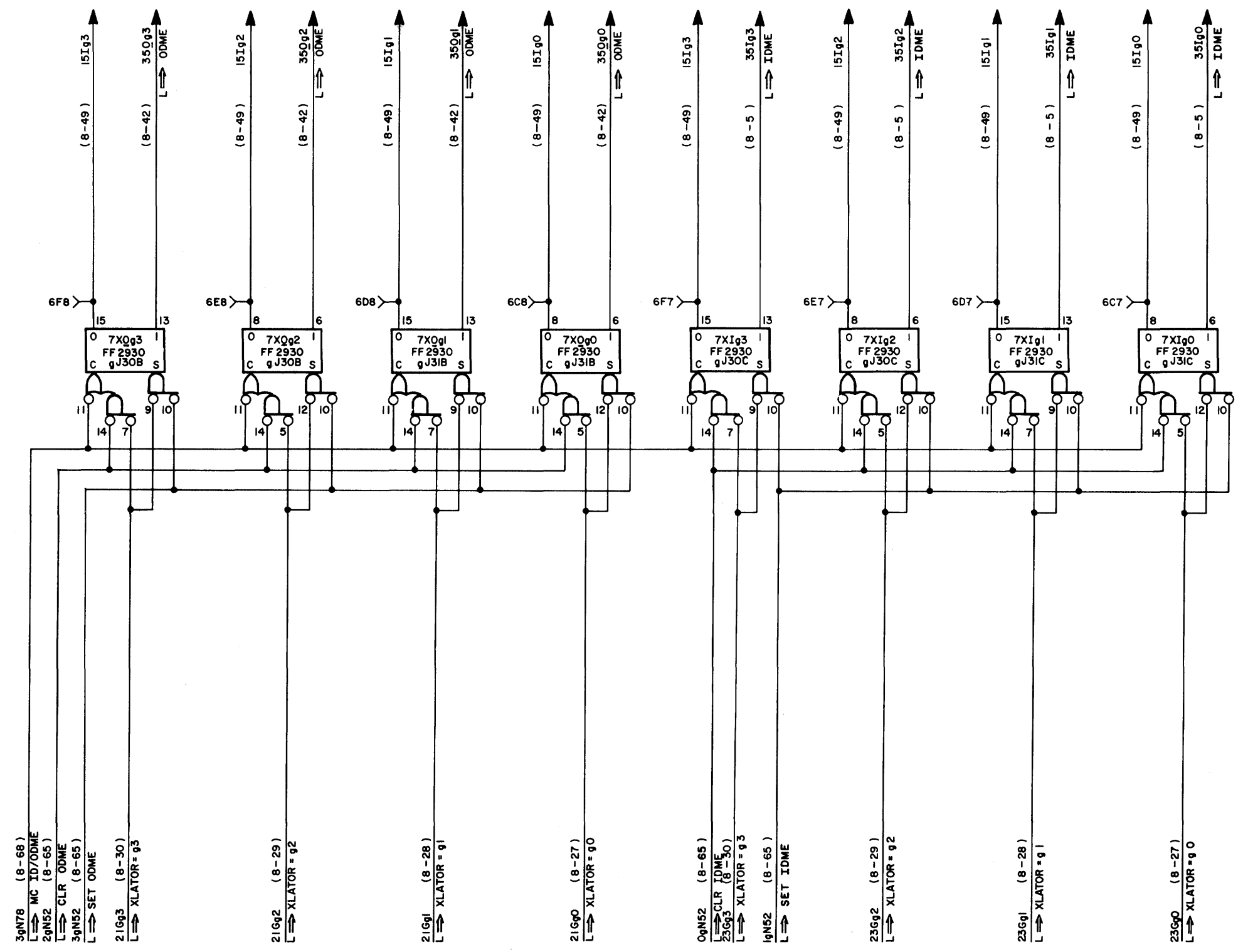


FIGURE 8-32

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						

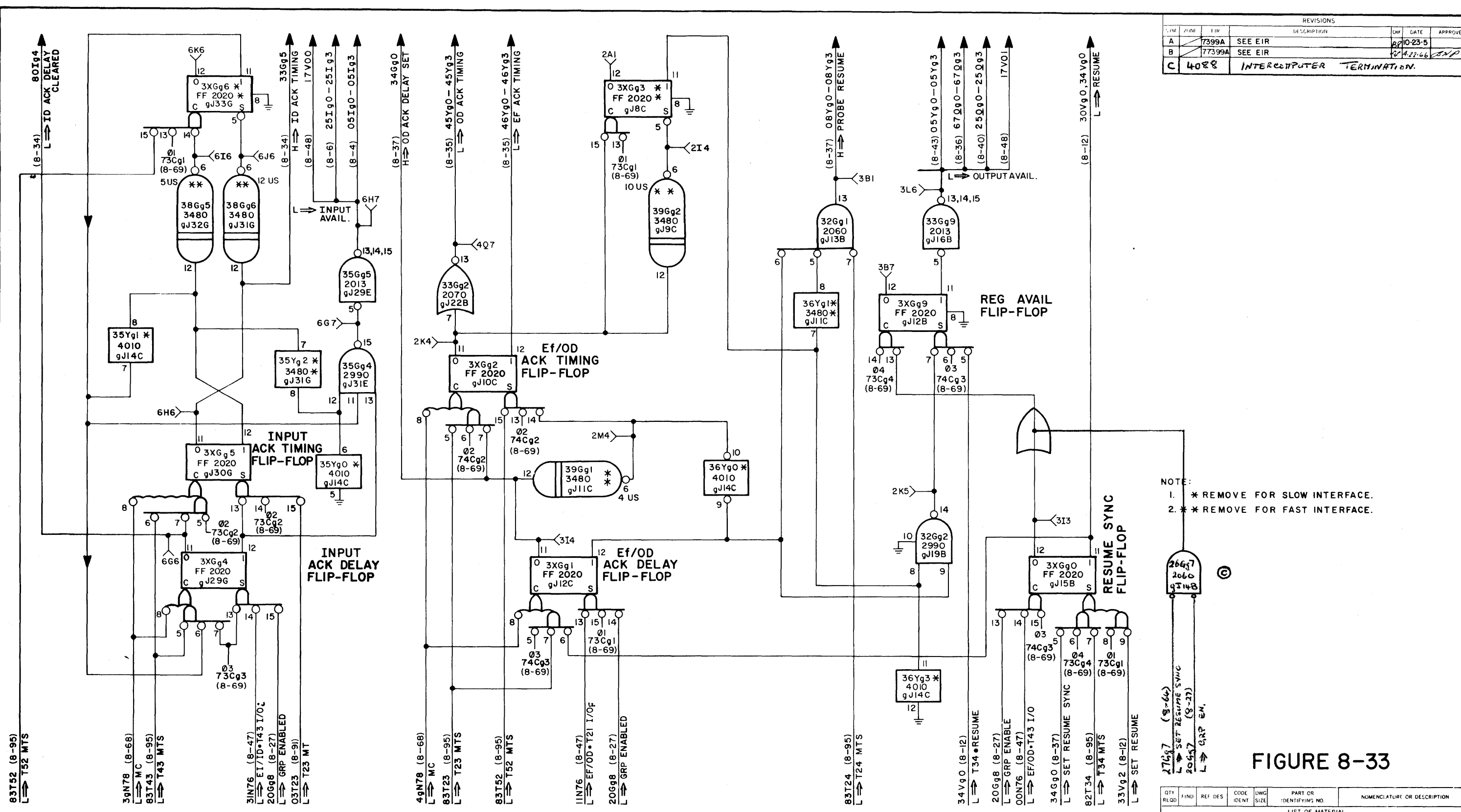
IDENT NO. 7032622-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE ON 2 PLACE DECIMALS
DIMENSION IN INCHES	TOLERANCE ON 3 PLACE DECIMALS
ANGLE	TOLERANCE
HOLE DIAMETER TOLERANCE	
0 THRU .250	± .005
.251 THRU .500	± .004
.501 & LARGER	± .003
THREADS EXCEPT INT CL 28	
MATERIAL	
FINISH	

LAYOUT	DATE	CLASS	UNIVAC	
DRAFTSMAN	R. CALTON	3-2-65	DIVISION OF SPERRY RAND CORPORATION	
CHECKER	B. POPOV	9-15-65	TITLE	
ENGINEER	R. OULICKY	9-15-65	FUNCTIONAL SCHEMATIC, IN/OUT MON ENABLE REGISTERS	
APPROVAL	<i>[Signature]</i>	9-15-65	CODE IDENT NO.	SIZE DWG NO.
			90536	D 7032622
			SCALE	WEIGHT SHEET 1 OF 1

REVISIONS				
REV	DATE	DESCRIPTION	BY	APPROVED
A	10-23-65	SEE EIR		
B	11-22-66	SEE EIR		
C	4-28-68	INTERCOMPUTER TERMINATION.		



NOTE:
 1. * REMOVE FOR SLOW INTERFACE.
 2. ** REMOVE FOR FAST INTERFACE.

FIGURE 8-33

QTY	REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL	
CLASS	A
TITLE	FUNCTIONAL SCHEMATIC, ACKNOWLEDGE TIMING
DATE	3-4-65
DRAFTSMAN	D. C. WHEELER
CHECKER	B. POPOV
ENGINEER	R. OULICKY
APPROVAL	<i>[Signature]</i>
CODE IDENT NO.	90536
SIZE	D
DWG NO.	7032636
SCALE	
WEIGHT	
SHEET	1 OF 1

IDENT NO. 7032636-00

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UNLESS OTHERWISE SPECIFIED	LAYOUT
FINISHES: EXTERIORS - POLISHED INTERIORS - UNFINISHED	DRAFTSMAN
TOLERANCES: DIMENSIONS - AS SHOWN ANGLES - 30°, 45°, 60°, 90°, 120°, 135°, 150°, 180°	CHECKER
SPACING: 1/16" TO 1/8" - 0.015" 1/8" TO 1/4" - 0.020" 1/4" TO 1/2" - 0.030" 1/2" TO 1" - 0.040" 1" TO 2" - 0.050" 2" TO 4" - 0.060" 4" TO 6" - 0.075" 6" TO 12" - 0.100"	ENGINEER
MATERIALS: ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED	APPROVAL
APPLICATION	<i>[Signature]</i>
COMMUNITY CODE	

REVISIONS				DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION		
A		71684	SEE EIR	8-23-65	[Signature]

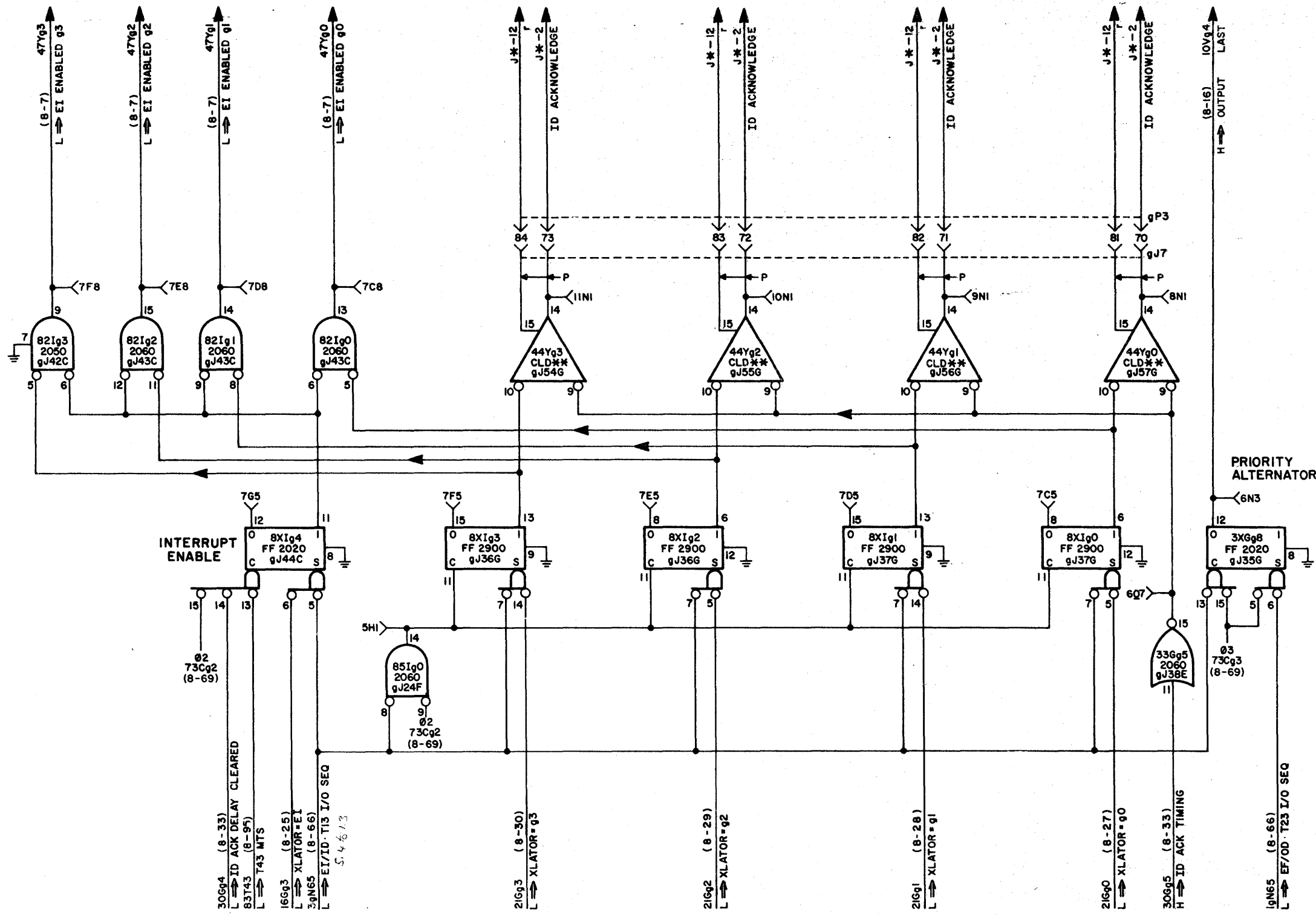


FIGURE 8-34

* INPUT CHANNEL

0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	11

** CLD WILL BE A 2130 FOR SLOW INTERFACE OR A 2331 FOR FAST INTERFACE.

IDENT NO. 7032631 -00

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QTY REQD	FINO	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			LAYOUT			
DIMENSION IN INCHES. TOLERANCE ON			DATE			
2 PLACE DECIMALS ± .01			3-10-65			
3 PLACE DECIMALS ± .005			CLASS			
ANGLES ± .010			A			
HOLE DIAMETER TOLERANCE			DRAFTSMAN			
0 THRU .250 ± .003			R.CALTON			
.251 THRU .500 ± .005			CHECKER			
.501 & LARGER ± .010			B. POPOV			
THREADS: EX. CL. 2A, INT. CL. 2B			ENGINEER			
FINISH			R. OULICKY			
APPROVAL			APPROVAL			
[Signature]			[Signature]			
APPLICATION			CODE IDENT NO.			
[Signature]			90536			
SIZE			D			
DWG NO.			7032631			
SCALE			WEIGHT			
SHEET			OF			

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A		71685	SEE EIR		
B	E12781		OD - SHOT CLR ON IC Chan - at EF		
C	4088		INTERCOMPUTER TERMINATION.		

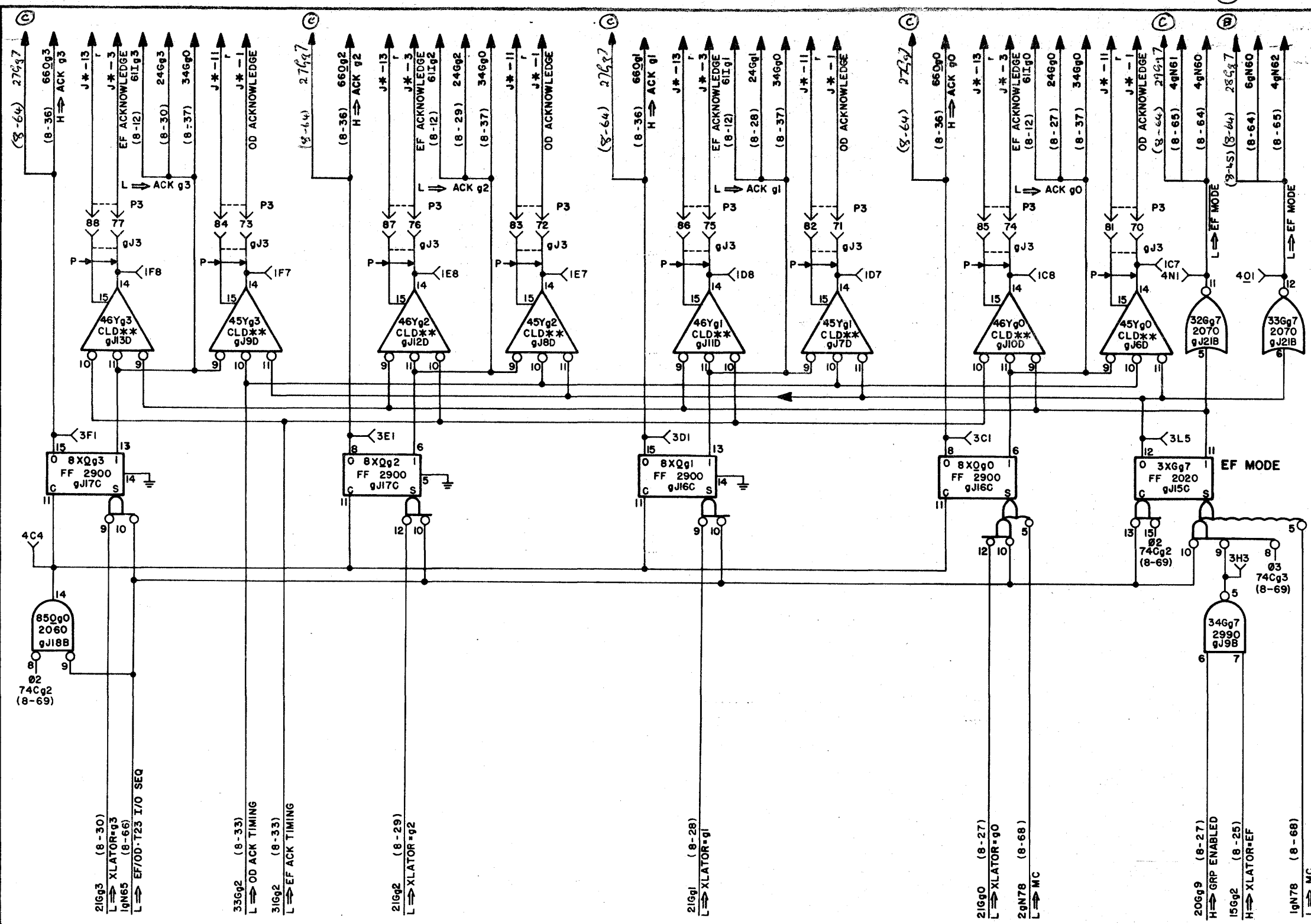


FIGURE 8-35

* OUTPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	29	30	31	32	33	34	35	36	23	24	25	26	12	13	14	15

** CLD WILL BE A 2130 FOR SLOW INTERFACE OR A 2331 FOR FAST INTERFACE.

IDENT NO. 7032629-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE OR FINISH
2 PLACE DECIMALS	3 PLACE DECIMALS
ANGLES	
HOLD DIMETER TOLERANCE	
0 THRU .250	±.005
.251 THRU .500	±.010
.501 & LARGER	±.015
THREADED EXCEPT INT CL 2B	
MATERIAL	
FINISH	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

DATE	CLASS	TITLE
3-11-65	A	FUNCTIONAL SCHEMATIC, OD AND EF ACK REGISTER

APPROVAL	DATE
<i>R. Oulicky</i>	3-11-65
<i>B. Popov</i>	3-11-65

CODE IDENT NO.	SIZE	DWG NO.
90536	D	7032629

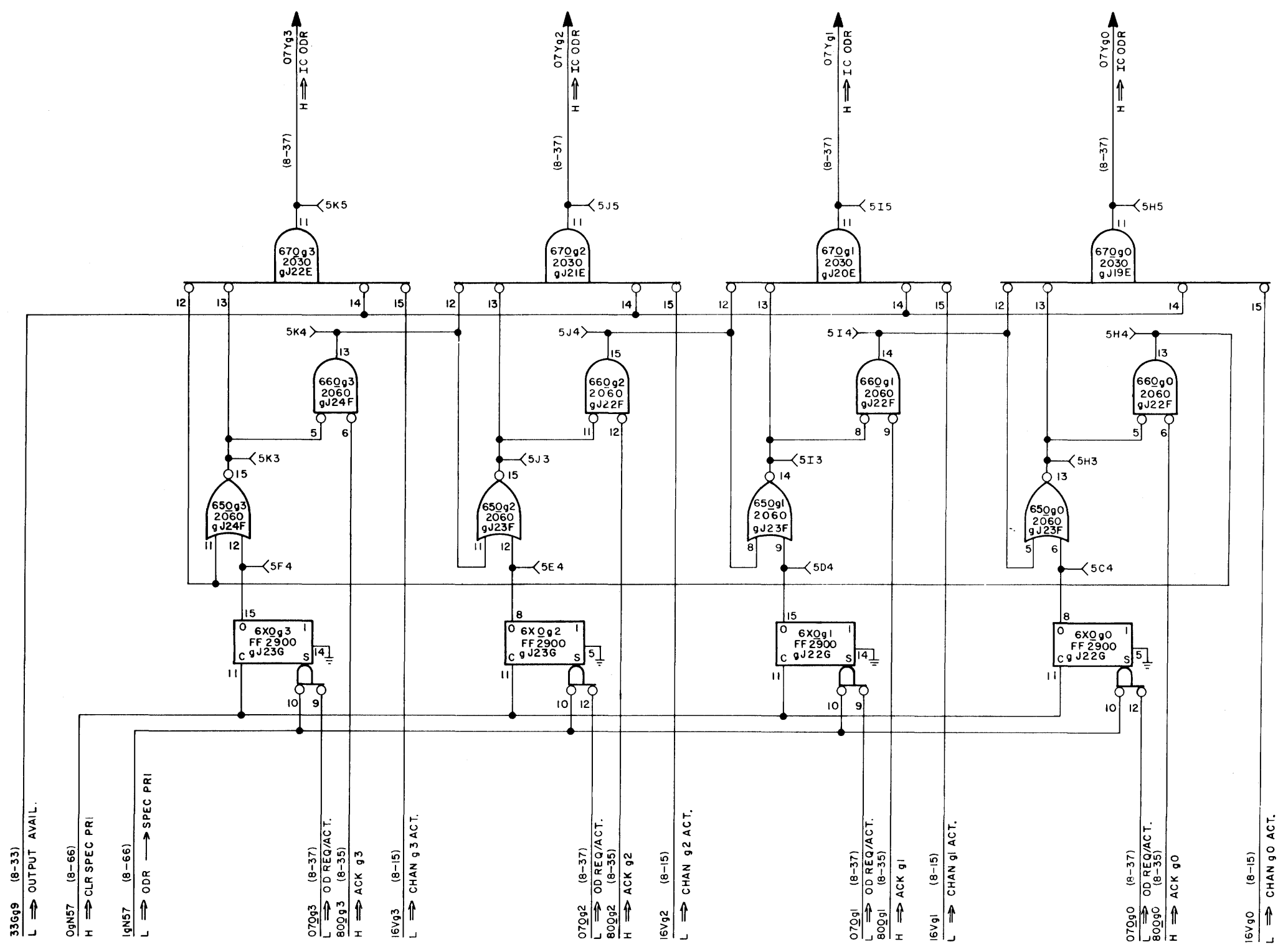
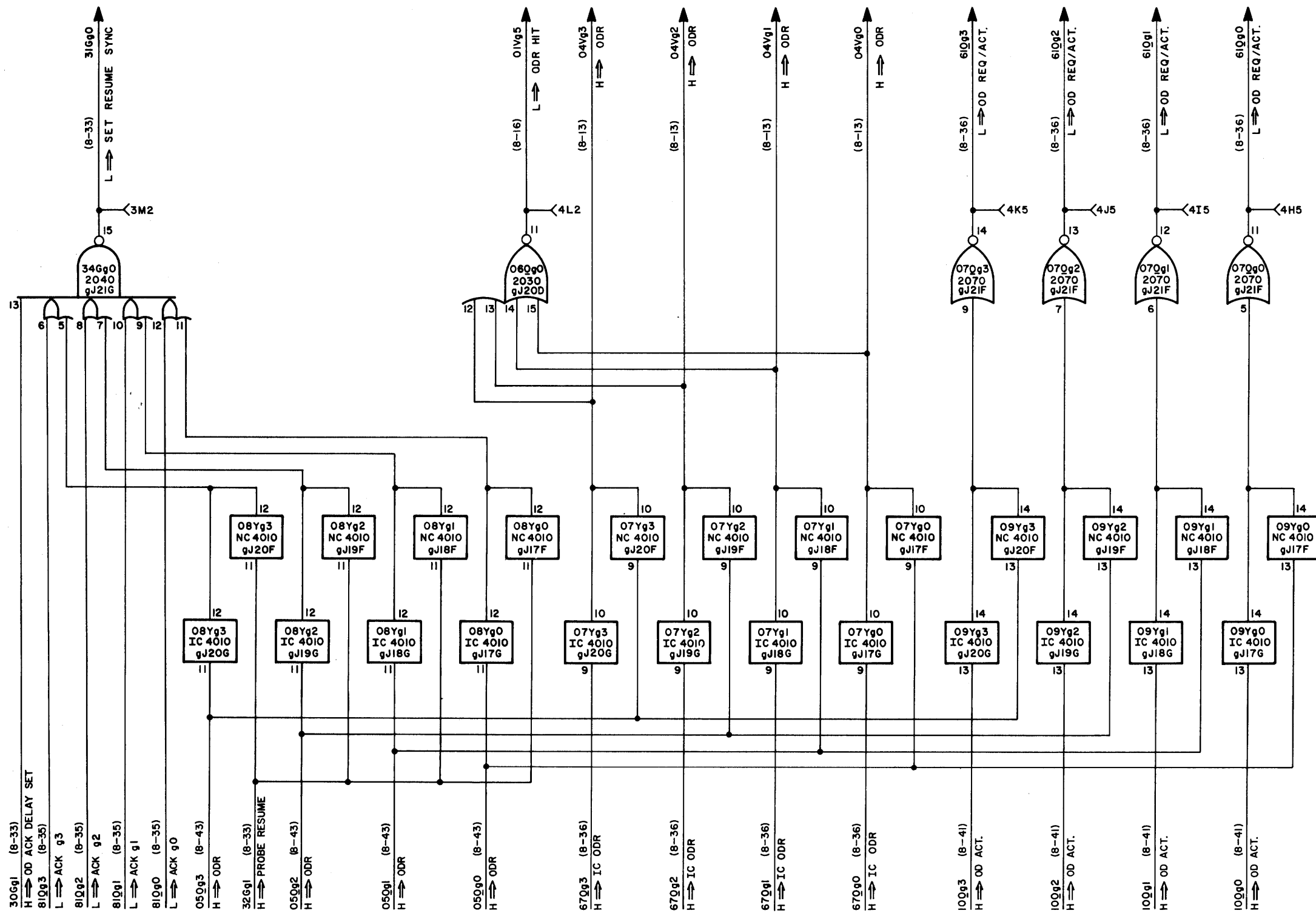


FIGURE 8-36

IDENT NO. 7032601-00

UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN INCHES: FRACTIONS DECIMALS: THIRDS, TENTHS, HUNDRETHS DIMENSIONS IN MILLIMETERS: MILLIMETERS		LAYOUT	DATE	CLASS	LIST OF MATERIAL	
DRAWN BY: R. STEBBINS		DATE: 2/18/65	CLASS: A	UNIVAC DIVISION OF BARRY RAND CORPORATION		
CHECKER: B. POPOV		ENGINEER: R. OULICKY	TITLE: FUNCTIONAL SCHEMATIC SPECIAL PRIORITY I			
APPROVAL: [Signature]		DATE: 2/18/65	CODE IDENT NO: 90536	SIZE: D	DWG NO: 7032601	SHEET 1 OF 1

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71703	SEE EIR	02/11/65 [Signature]



NOTE:
1. REFER TO CHASSIS MAP DRAWING 7032880 FOR PROPER PLACEMENT OF THE 4010 JUMPER CARDS TO SELECT CHANNELS FOR INTER-COMPUTER OR NORMAL OPERATION.

FIGURE 8-37

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						

IDENT NO. 7032628-00

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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES HOLE DIAMETER TOLERANCE 0 THRU .250 .001 THRU .500 .501 & LARGER + .003 + .005 + .010 -.002 -.003 -.005 THREADS: EXCEPT AS NOTED, INT. CL. 2B	LAYOUT	DATE	CLASS
	DRAFTSMAN V. STEEBER	3-16-65	A
	CHECKER B. POPOV	[Signature]	
	ENGINEER R. OULICKY	[Signature]	
MATERIAL	APPROVAL [Signature]		
FINISH			

UNIVAC			
DIVISION OF SPERRY RAND CORPORATION			
TITLE			
FUNCTIONAL SCHEMATIC, SPECIAL PRIORITY 2			
CODE IDENT NO.	SIZE	DWG. NO.	
90536	D	7032628	
SCALE	WEIGHT	SHEET OF	

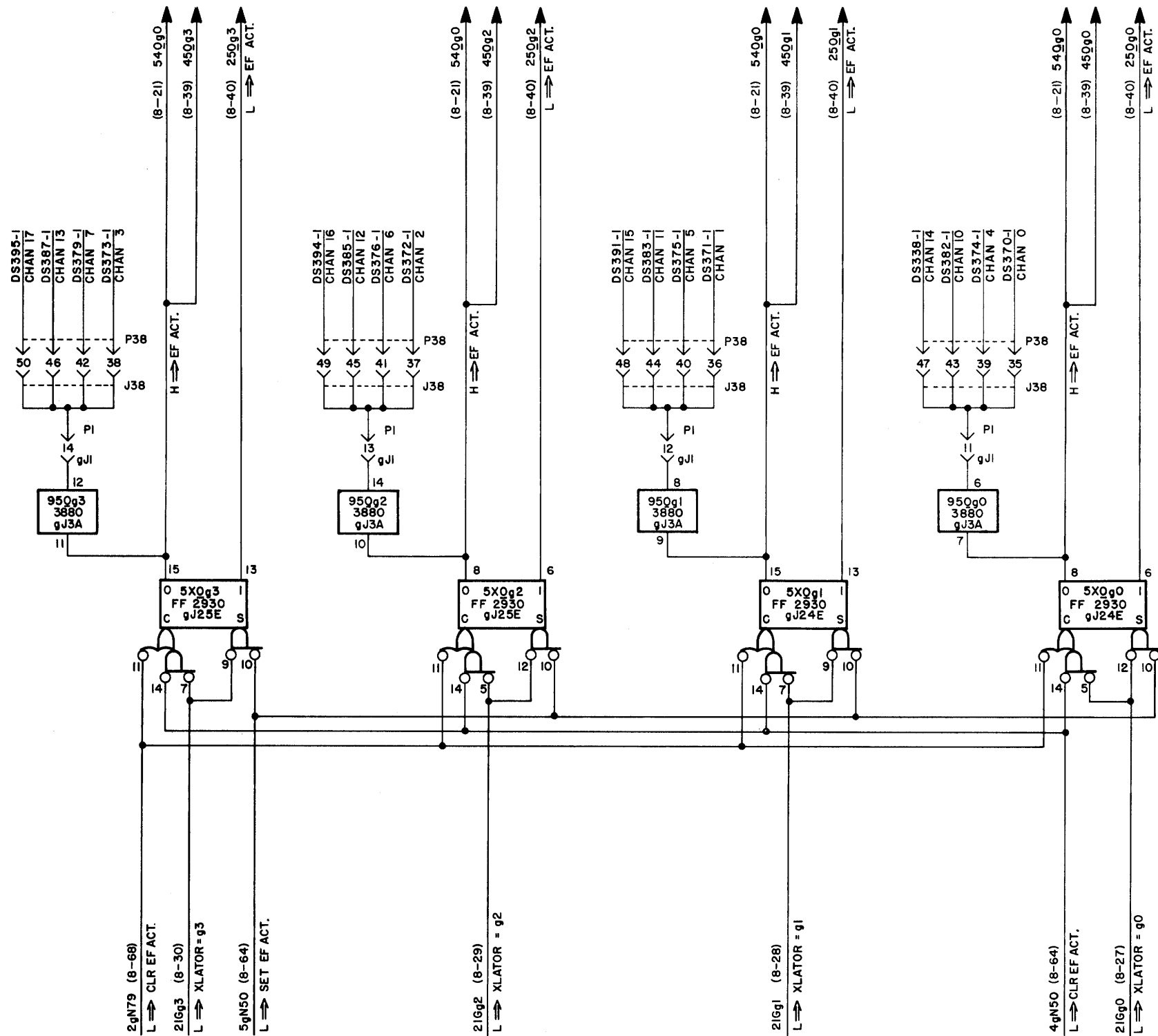
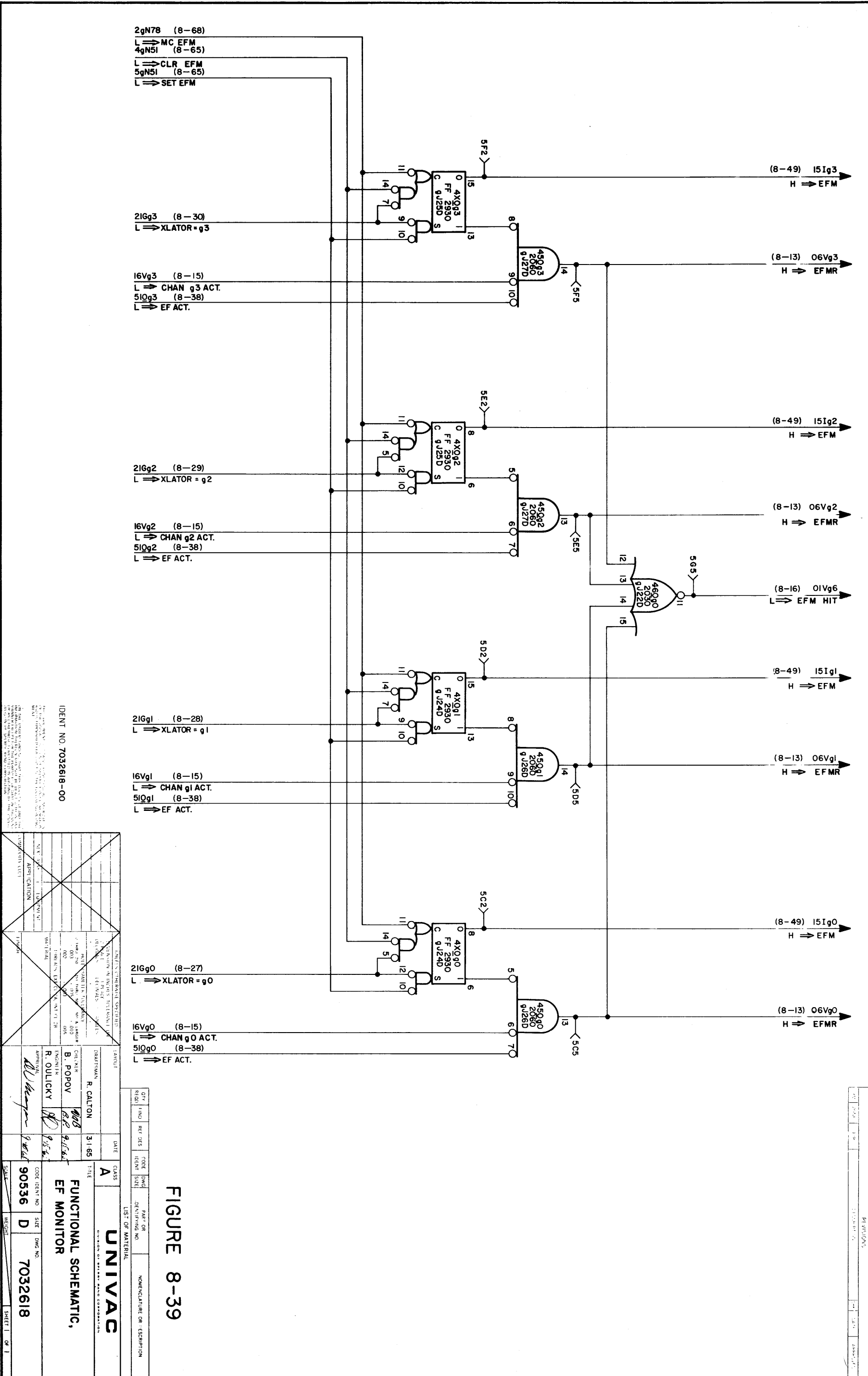


FIGURE 8-38

IDENT NO. 7032643-00

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QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						
			LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION
			DRAFTSMAN	3-9-65	A	
			CHECKER			FUNCTIONAL SCHEMATIC, EF ACTIVE
			ENGINEER			
			APPROVAL			
			APPLICATION			CODE IDENT NO.
			FINISH			SIZE
						DWG NO.
						90536
						D
						7032643
						SCALE
						WEIGHT
						SHEET 1 OF 1



2gN78 (8-66)
 L ⇒ MC EFM
 4gN51 (8-65)
 L ⇒ CLR EFM
 5gN51 (8-65)
 L ⇒ SET EFM

2IGg3 (8-30)
 L ⇒ XLATOR = g3

16Vg3 (8-15)
 L ⇒ CHAN g3 ACT.
 5IQg3 (8-38)
 L ⇒ EF ACT.

2IGg2 (8-29)
 L ⇒ XLATOR = g2

16Vg2 (8-15)
 L ⇒ CHAN g2 ACT.
 5IQg2 (8-38)
 L ⇒ EF ACT.

2IGg1 (8-28)
 L ⇒ XLATOR = g1

16Vg1 (8-15)
 L ⇒ CHAN g1 ACT.
 5IQg1 (8-38)
 L ⇒ EF ACT.

2IGg0 (8-27)
 L ⇒ XLATOR = g0

16Vg0 (8-15)
 L ⇒ CHAN g0 ACT.
 5IQg0 (8-38)
 L ⇒ EF ACT.

FIGURE 8-39

IDENT NO. 7032618-00 <small>THIS DRAWING IS THE PROPERTY OF UNIVAC CORPORATION. IT IS LOANED TO YOU BY UNIVAC CORPORATION. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF UNIVAC CORPORATION.</small>	
TITLE FUNCTIONAL SCHEMATIC, EF MONITOR	CLASS A
DATE 3-1-65	DRAWN BY R. CALTON
CHECKED BY B. POPOV	ENGINEER R. OULLICKY
APPROVED BY <i>[Signature]</i>	DESIGNER R. OULLICKY
COORDINATOR NO. 90536	SIZE D
DWG NO. 7032618	SHEET 1 OF 1

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		77399	SEE EIR		4-22-66	<i>[Signature]</i>

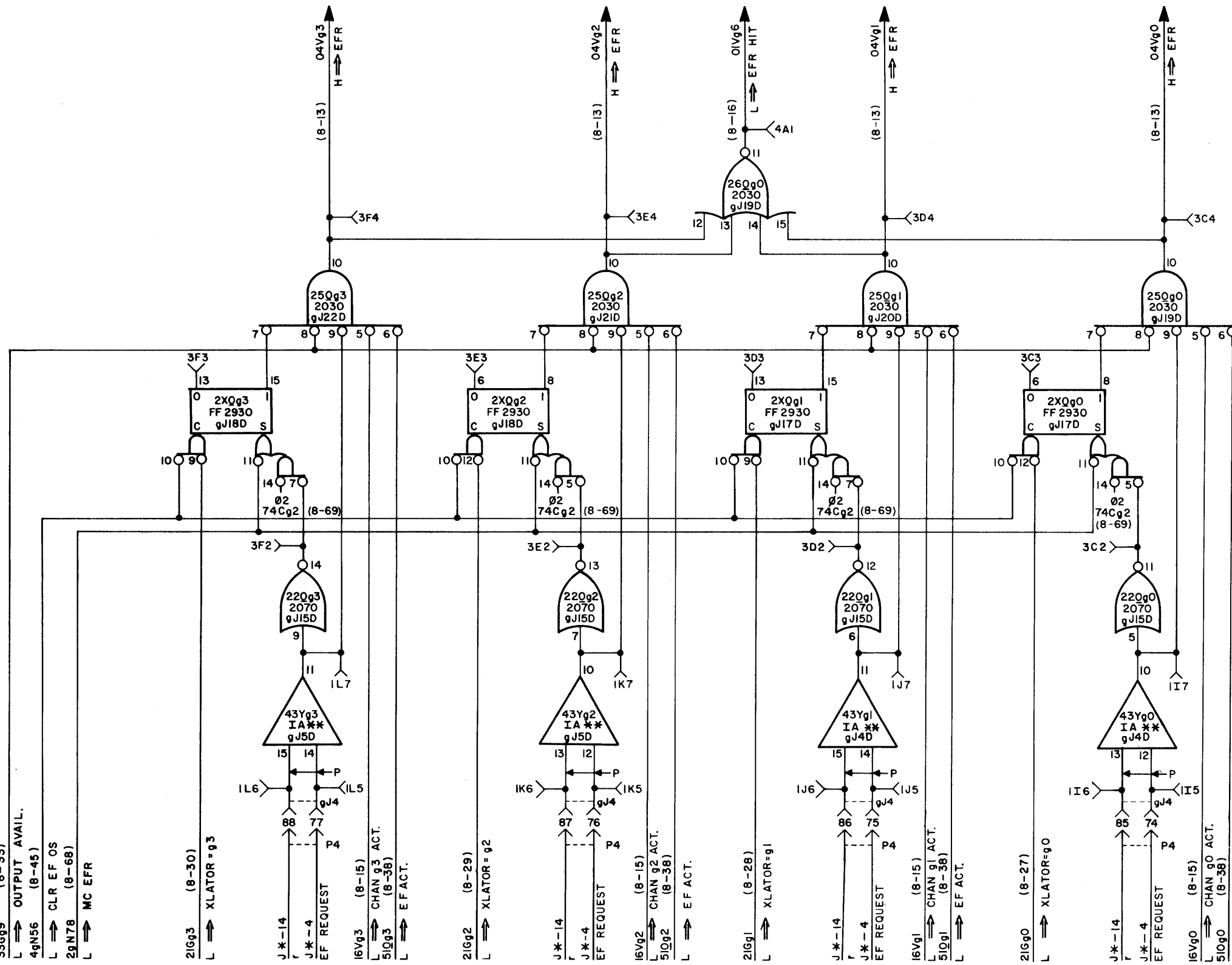


FIGURE 8-40

* OUTPUT CHANNEL

CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	29	30	31	32	33	34	35	36	23	24	25	26	12	13	14	15

** I A WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

IDENT NO. 7032613-00

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QTY	REQD	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION
	224-65	A	
DRAFTSMAN	R. CALTON	TITLE	FUNCTIONAL SCHEMATIC, EF REQ OS & GATES
CHECKER	B. POPOV	DATE	
ENGINEER	R. OULICKY	9-15-66	
APPROVAL	<i>[Signature]</i>	DATE	9-15-66
COMMUNITY CODE		CODE IDENT NO.	90536
		SIZE	D
		DWG NO.	7032613
		SCALE	
		WEIGHT	
		SHEET	1 OF 1

REVISIONS				
NO.	DATE	DESCRIPTION	BY	APP'D.

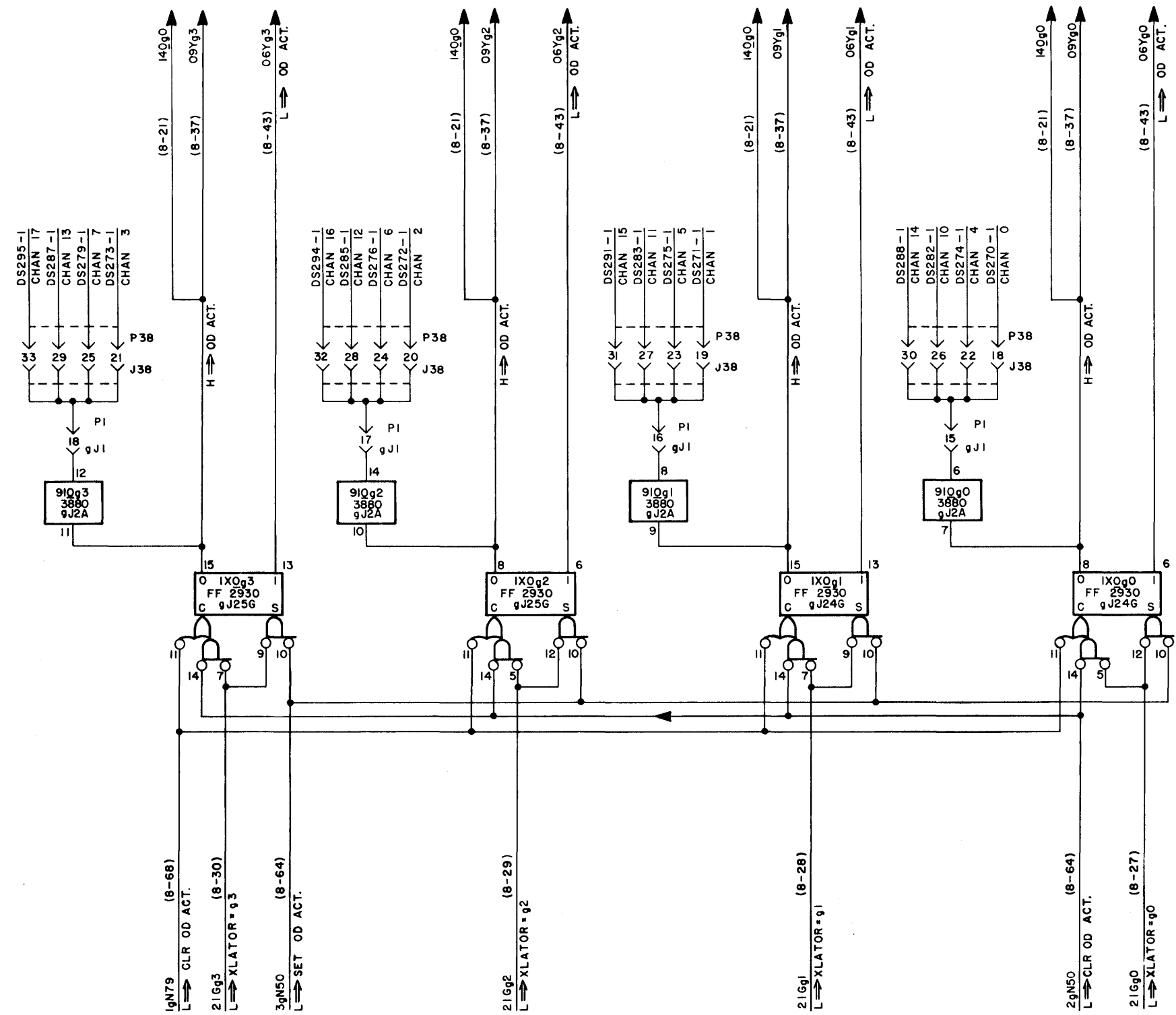


FIGURE 8-41

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	

LIST OF MATERIAL

UNIVAC

FUNCTIONAL SCHEMATIC,
OD ACTIVE

CODE IDENT NO. 90536
SIZE D
DWG NO. 7032644

IDENT NO. 7032644-00

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UNLESS OTHERWISE SPECIFIED		DATE		CLASS
DIMENSIONS IN INCHES, FRACTIONS OR DECIMALS		3-10-65		A
FRACTIONS - 16THS		TITLE		UNIVAC
DECIMALS - 0.010		DRAWN BY		ROLAN BITZER
ANGLES - 30°, 45°, 60°, 90°		CHECKED BY		B. POPOV
HOLE DIMENSIONS - 0.010		ENGINEER		R. OULICKY
HOLE LOCATIONS - 0.010		APPROVAL		<i>[Signature]</i>
HOLE DIA. - 0.010		DATE		9-15-65
HOLE DRILLING - 0.010		SCALE		
HOLE TAPING - 0.010		WEIGHT		
HOLE FINISH - 0.010		SHEET 1 OF 1		

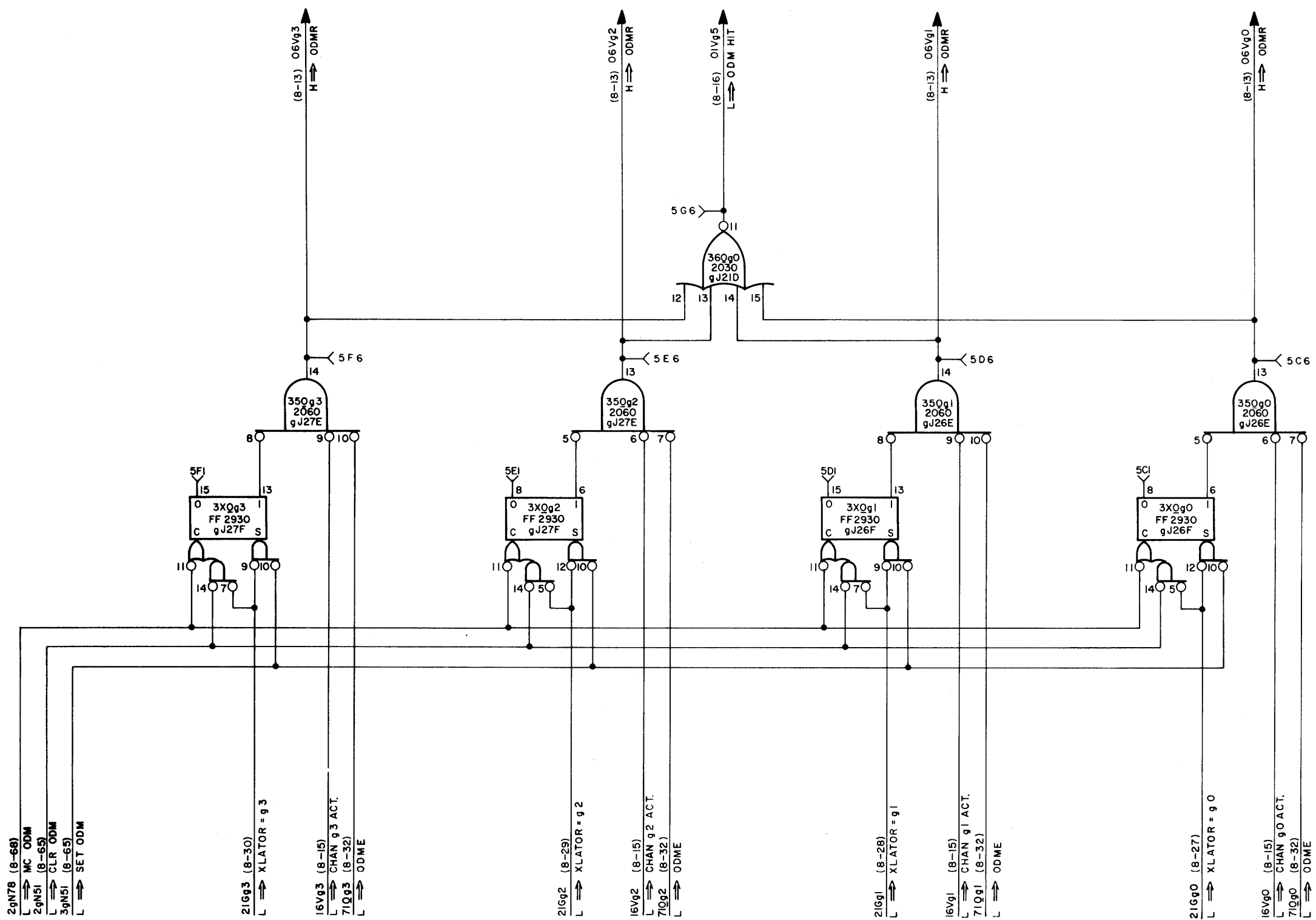
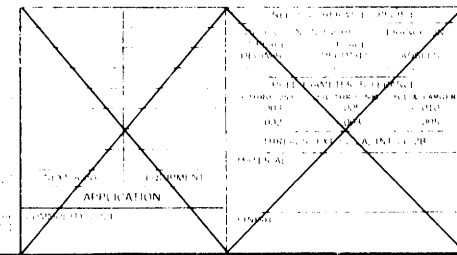


FIGURE 8-42

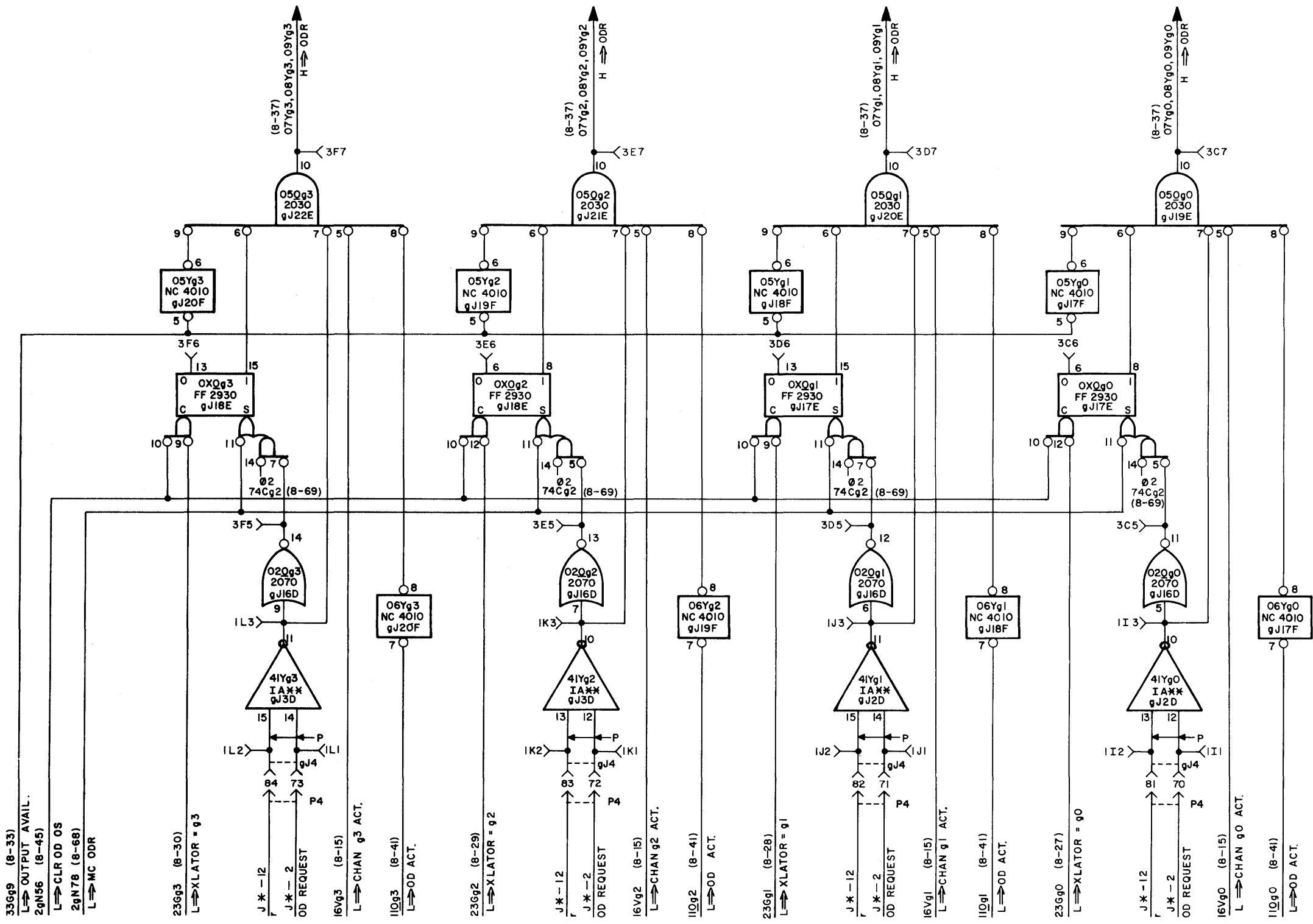
QTY	UNIT	REF. DES.	DATE	CLASS	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						

UNIVAC	
DESIGNED BY R. CALTON	DATE 2.27.65
CHECKED BY B. POPOV	DATE 9-16-65
ENGINEER R. OULICLY	DATE 9-15-65
FUNCTIONAL SCHEMATIC, ODM MONITOR	
SHEET NO. 90536	DWG NO. 7032617
SCALE	WEIGHT
SHEET 1 OF 1	

IDENT NO. 7032617-00



REVISIONS			
NO	DATE	BY	APPROVAL



OUTPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	29	30	31	32	33	34	35	36	23	24	25	26	12	13	14	15

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

FIGURE 8-43

IDENT NO. 7032623-00

THIS INSTRUMENT CONTAINS CONFIDENTIAL INFORMATION AND IS LOANED TO YOU BY THE UNITED STATES GOVERNMENT. IT IS TO BE RETURNED TO THE SOURCE FROM WHICH IT WAS OBTAINED. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM.

LIST OF MATERIAL		DATE	CLASS	NOMENCLATURE OR DESCRIPTION	
QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO
REQD			IDENT	SIZE	
UNIVAC			DIVISION OF SPERRY RAND CORPORATION		
LAYOUT		2.26.65	TITLE		
DRAFTSMAN R. CALTON		FUNCTIONAL SCHEMATIC, OD REQ OS & GATES			
CHECKER B. POPOV	2/18	CODE IDENT NO. 90536			
ENGINEER R. OULICKY	9/15/65	SIZE D			
APPROVAL	9-15-65	DWG NO. 7032623			
APPLICATION		SCALE		SHEET 1 OF 1	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVAL
A	E1	3313	13-17K2 INSTRUCTION CORRECTION		

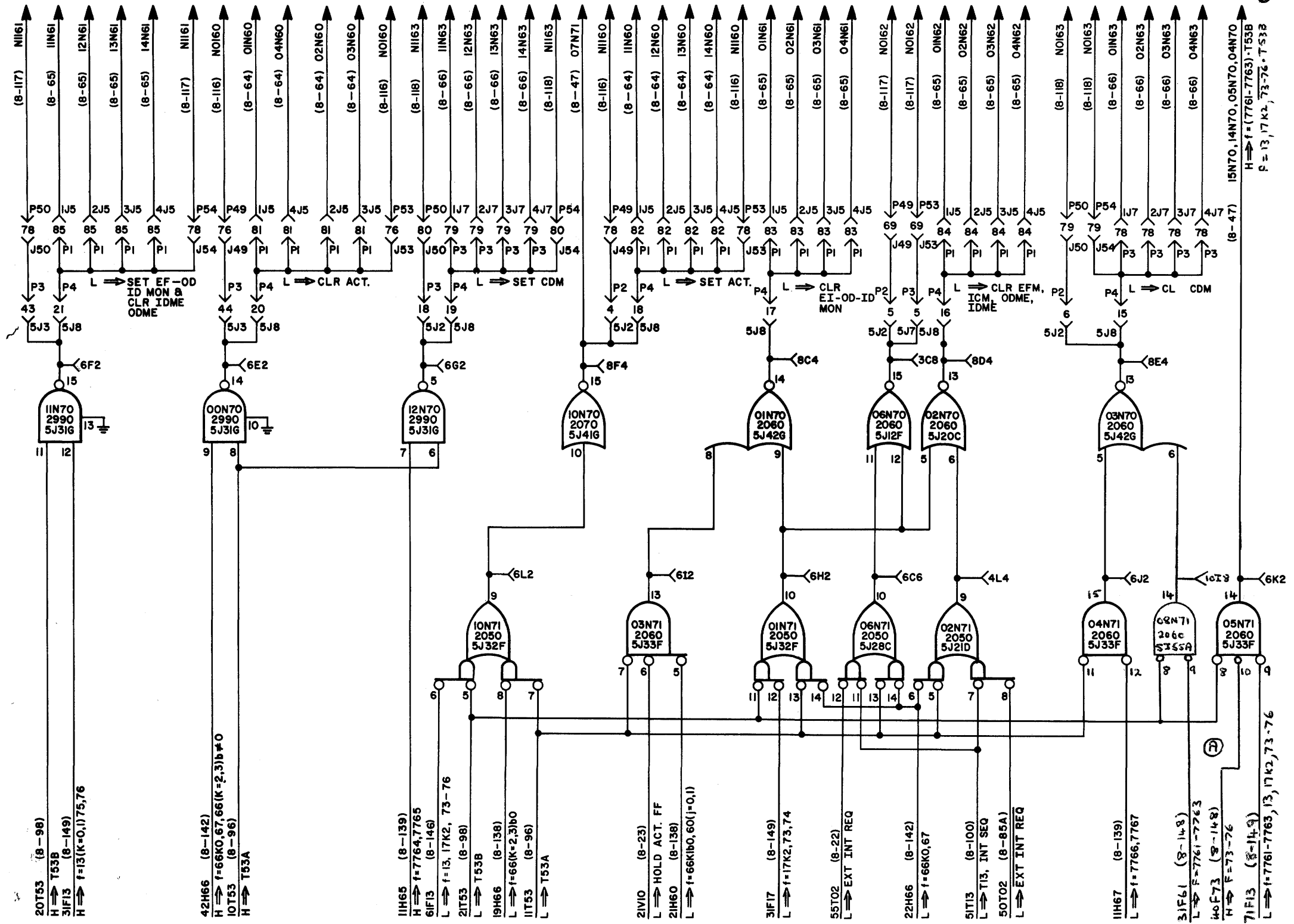


FIGURE 8-44

QTY	RECD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

UNIVAC		DATE	CLASS
DIVISION OF SPERRY RAND CORPORATION		12-15-66	A
DRAFTSMAN R. PHERNETTON		TITLE FUNCTIONAL SCHEMATIC, ACT, MON, AND CDM CONTROL	
CHECKER B. POPOV		3-31-67	
ENGINEER J. LAMBING		3-31-67	
APPROVAL <i>J. Lambing</i>		3-31-67	
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7075160	
SCD	WEIGHT	SHEET OF	

IDENT NO. 7075160 - 00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES, TOLERANCE OF 2 PLACE DECIMALS	± .005
DIMENSION IN INCHES, TOLERANCE OF 3 PLACE DECIMALS	± .001
ANGLES	± .005
HOLE DIAMETER TOLERANCE	± .005
0 THRU .250	± .005
.250 & LARGER	± .010
THREADS: EXCEPT AS INT CL 2B	
MATERIAL	
FINISH	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		77399	SEE EIR		4-27-66	BSP
B	E12781		OD 1-SHOT CLR ON IC CHAN ATEF			
C	4088		INTERCOMPUTER TERMINATION			

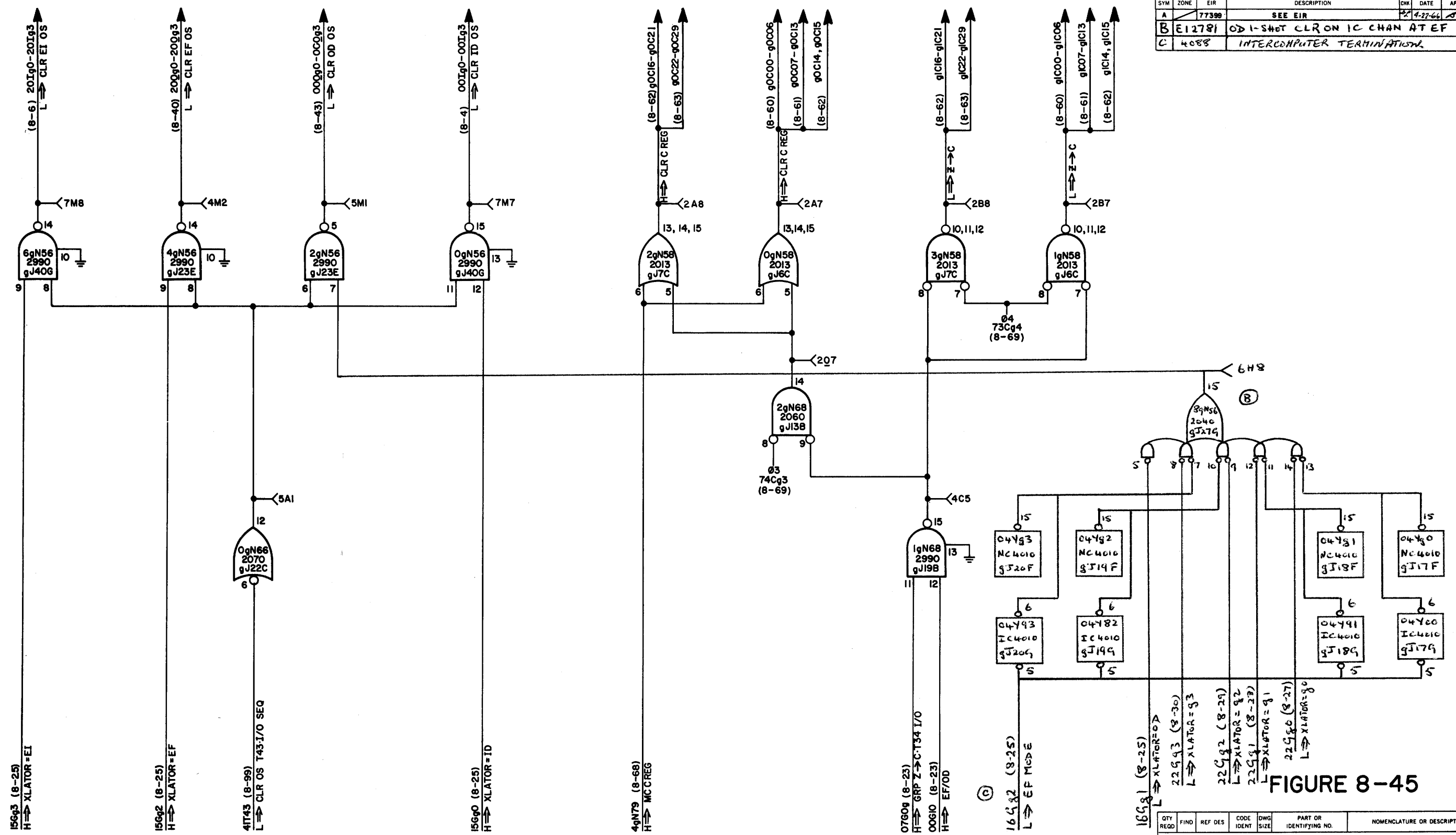


FIGURE 8-45

IDENT NO. 7032658-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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QTY	REQD	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL								
				LAYOUT		DATE	CLASS	UNIVAC
				DRAFTSMAN		4-5-65	A	DIVISION OF SPERRY RAND CORPORATION
				CHECKER			TITLE	FUNCTIONAL SCHEMATIC, OS & C REGISTER CONTROL
				ENGINEER			CODE IDENT NO.	90536
				APPROVAL			SIZE	D
							DWG NO.	7032658
							SCALE	WEIGHT
							SHEET	OF 1

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	LATE	APPROVAL
A	E13357		66K2 B(C,1) AND TIME OUT INTERRUPT CORR			
B	E13375		5 PART 442B EMU INTERFACE MOD			
C	0501		H642B TEST POINT CORRECTION			

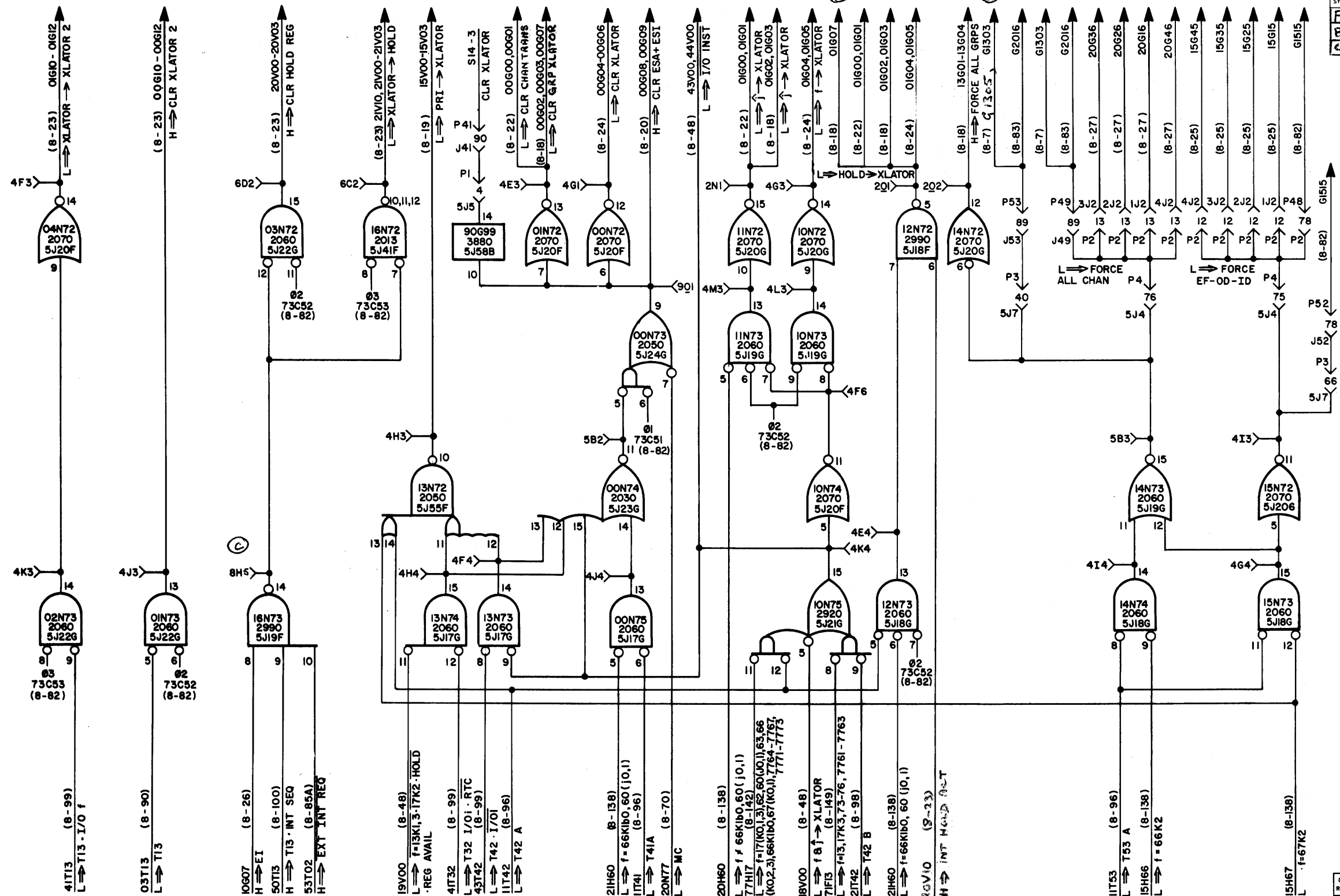


FIGURE 8-46

IDENT NO. 7075161-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON:	
2 PLACE DECIMALS	± .005
3 PLACE DECIMALS	± .0005
ANGLES	± .010
HOLE DIAMETER TOLERANCE	
0 THRU .250	± .003
.251 THRU .500	± .004
.501 & LARGER	± .005
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	

LAYOUT	DATE	CLASS
DRAFTSMAN	12-12-66	A
CHECKER		
ENGINEER		
APPROVAL		

UNIVAC		DIVISION OF SPERRY RAND CORPORATION	
TITLE		FUNCTIONAL SCHEMATIC, f AND ↑ TRANSLATOR CONTROL I	
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7075161	
SCALE	WEIGHT	SHEET 1 OF 1	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71685	SEE EIR		9/15/66	[Signature]
B	E13313		13 AND 17K2 INSTRUCTION CORRECTION			
C	E13396		COMPUTER I/O MOD			

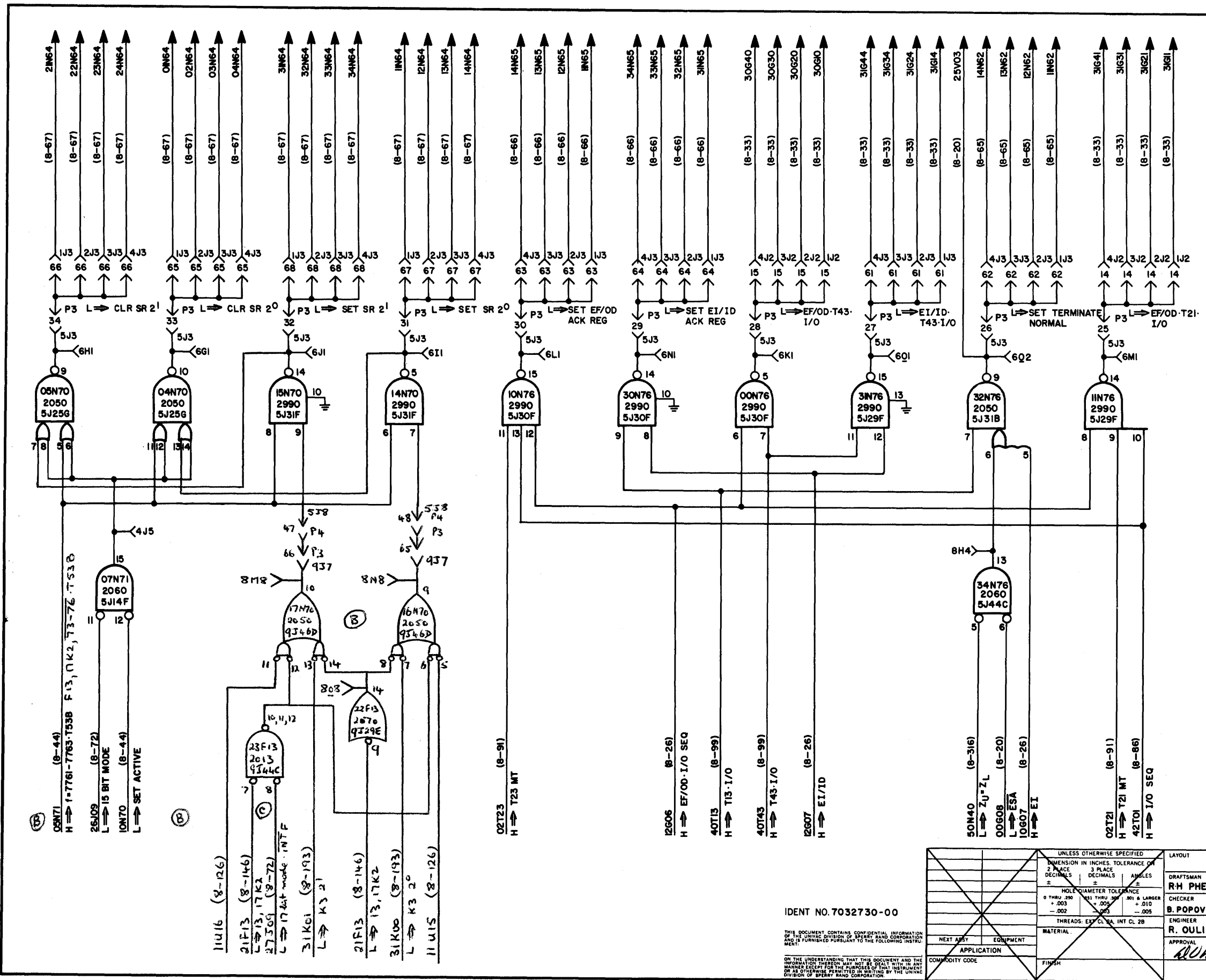


FIGURE 8-47

QTY	FIND	REF DES	CODE IDENT	CHG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
			CLASS	UNIVAC		
			DRAFTSMAN	RH PHERNETTON		
			CHECKER	B. POPOV		
			ENGINEER	R. OULICKY		
			DATE	4-14-65		
			TITLE	FUNCTIONAL SCHEMATIC, AND TRANSLATOR CONTROL 2		
CODE IDENT NO.		SIZE		DWG NO.		
90536		D		7032730		
SCALE		WEIGHT		SHEET OF		

IDENT NO. 7032730-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS			A
3 PLACE DECIMALS			
ANGLES			
MATERIAL			
FINISH			

SYM	ZONE	EXT	DESCRIP	DATE	APPROVED
A		10747	SEE EIR	4-6-68	JRC
B	3215		EMU CHANNEL PRIORITY CHANGE		
C	3508		COMPUTER TIMING CORRECTION		
D	3557A		CNP ILC TIO Interrupt Correction		

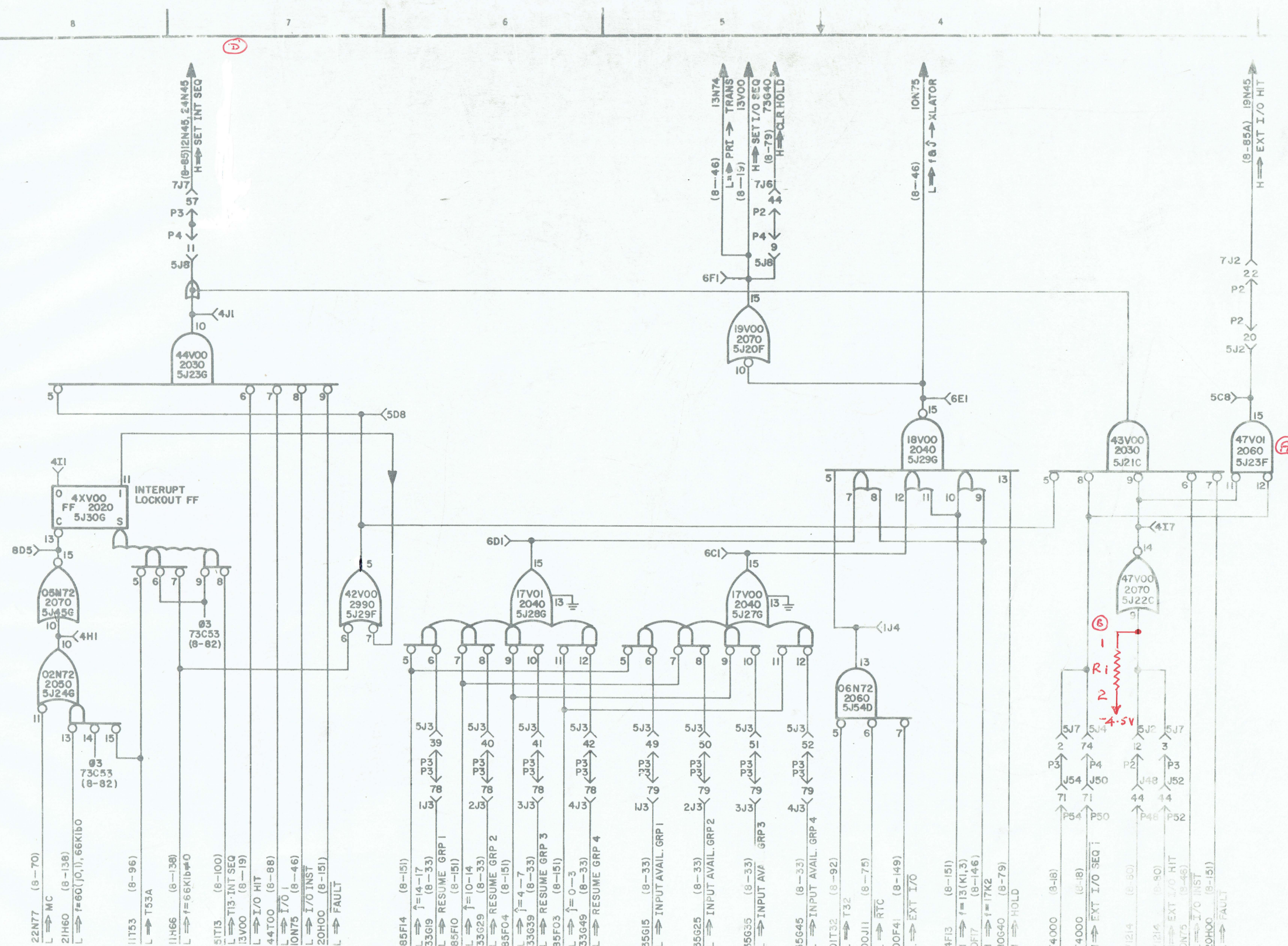


FIGURE 8-48

IDENT NO. 7075162-00

QTY	REQD	FIND	REF DES	CODE	QTY	SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

DATE	CLASS	TITLE						
12-7-56	A	FUNCTIONAL SCHEMATIC, EI LOCK-OUT & FORCE LOGIC						
<table border="1"> <tr> <td>DESIGNED BY</td> <td>C. BICKETT</td> </tr> <tr> <td>CHECKED BY</td> <td>B. POPOV</td> </tr> <tr> <td>APPROVED BY</td> <td>J. LAWSON</td> </tr> </table>			DESIGNED BY	C. BICKETT	CHECKED BY	B. POPOV	APPROVED BY	J. LAWSON
DESIGNED BY	C. BICKETT							
CHECKED BY	B. POPOV							
APPROVED BY	J. LAWSON							
UNIVAC	80536	7075162						

7075162

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED

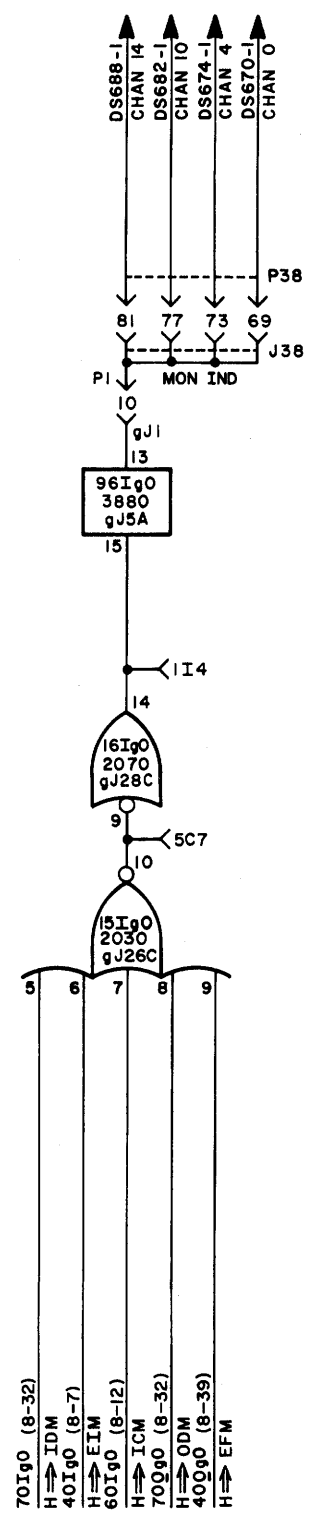
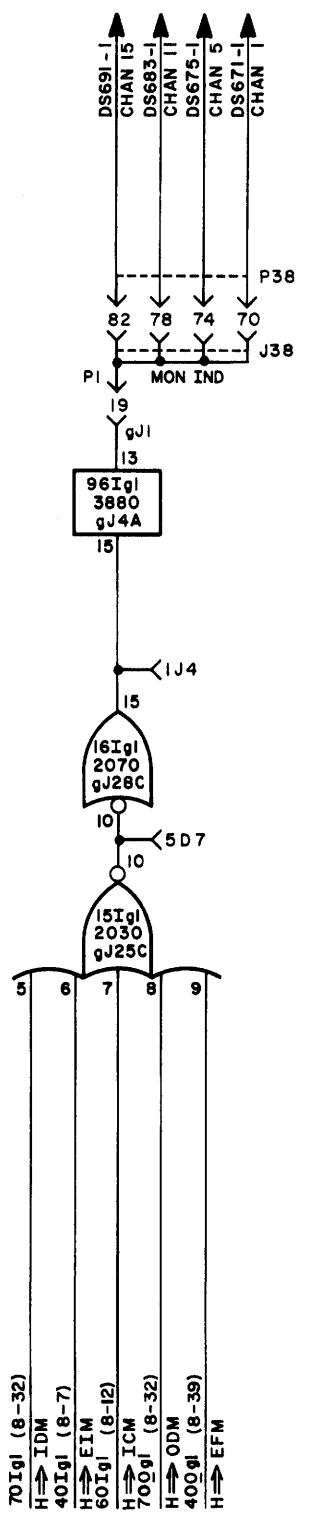
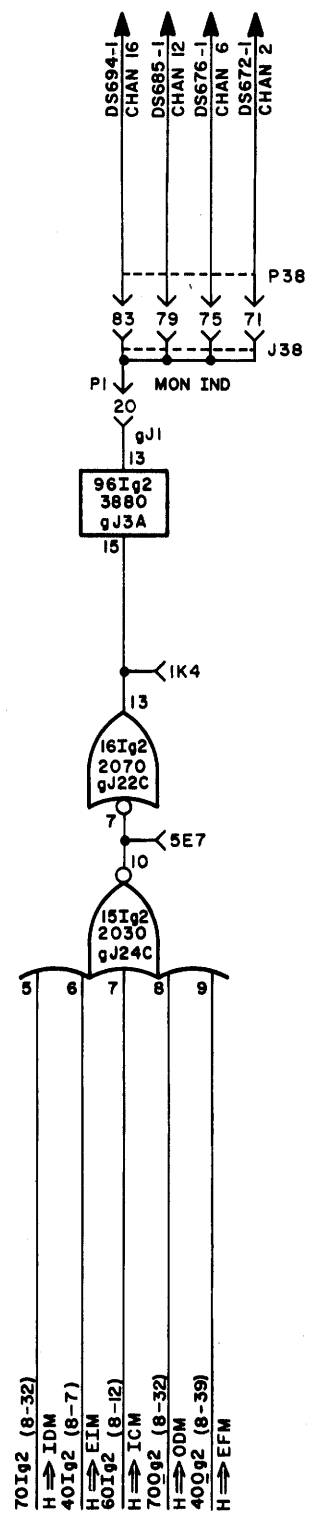
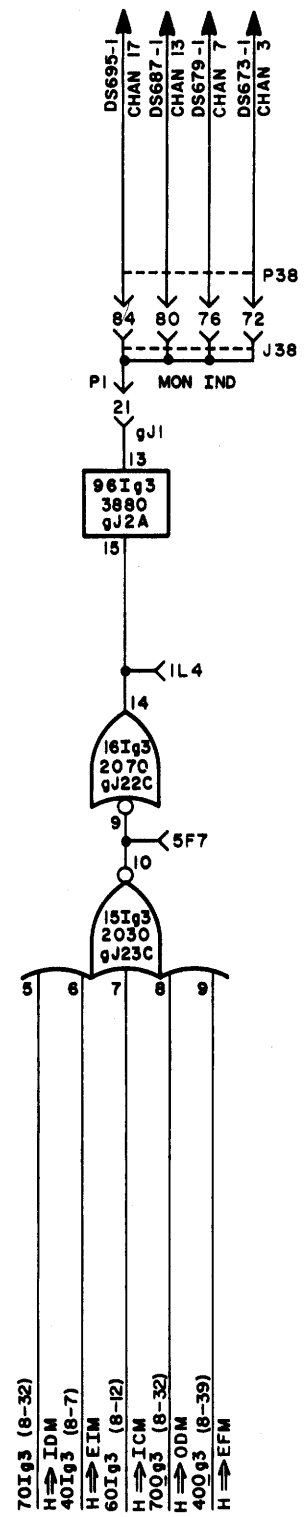


FIGURE 8-49

IDENT NO. 7032642-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED	
2 PLACE DIMENSION IN INCHES	TOLERANCE IN 1 PLACE DECIMALS
2 PLACE DIMENSION IN INCHES	TOLERANCE IN 2 PLACE DECIMALS
HOLE DIAMETER TOLERANCE	
0 THRU .250	.001 THRU .500
.003	.005
.002	.005
THREADS: EXCEPT AS NOTED BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION	
MATERIAL	FINISH
APPLICATION	COMMODITY CODE

LAYOUT	DATE	CLASS
DRAFTSMAN V. STEEBER	3-10-65	A
CHECKER B. POPOV	9-15-65	
ENGINEER R. OULICKY	9-15-65	
APPROVAL		

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
					UNIVAC	
					DIVISION OF SPERRY RAND CORPORATION	
					TITLE	
					FUNCTIONAL SCHEMATIC, MONITOR IND	
CODE IDENT NO.			SIZE	DWG NO.		
90536			D	7032642		
SCALE		WEIGHT		SHEET OF		

REVISIONS				CHR	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		71686	SEE EIR		8/15/65	[Signature]

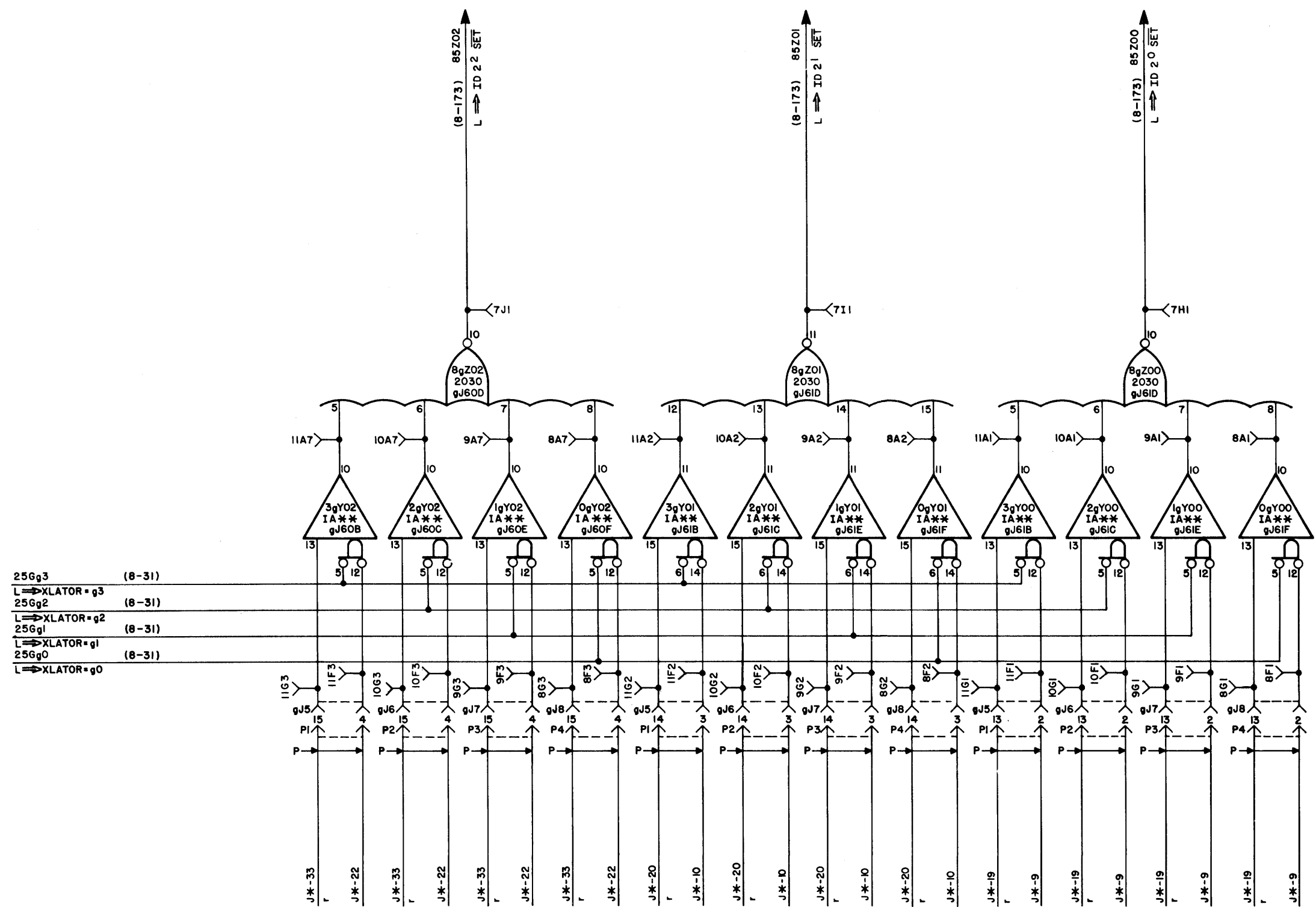


FIGURE 8-50

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

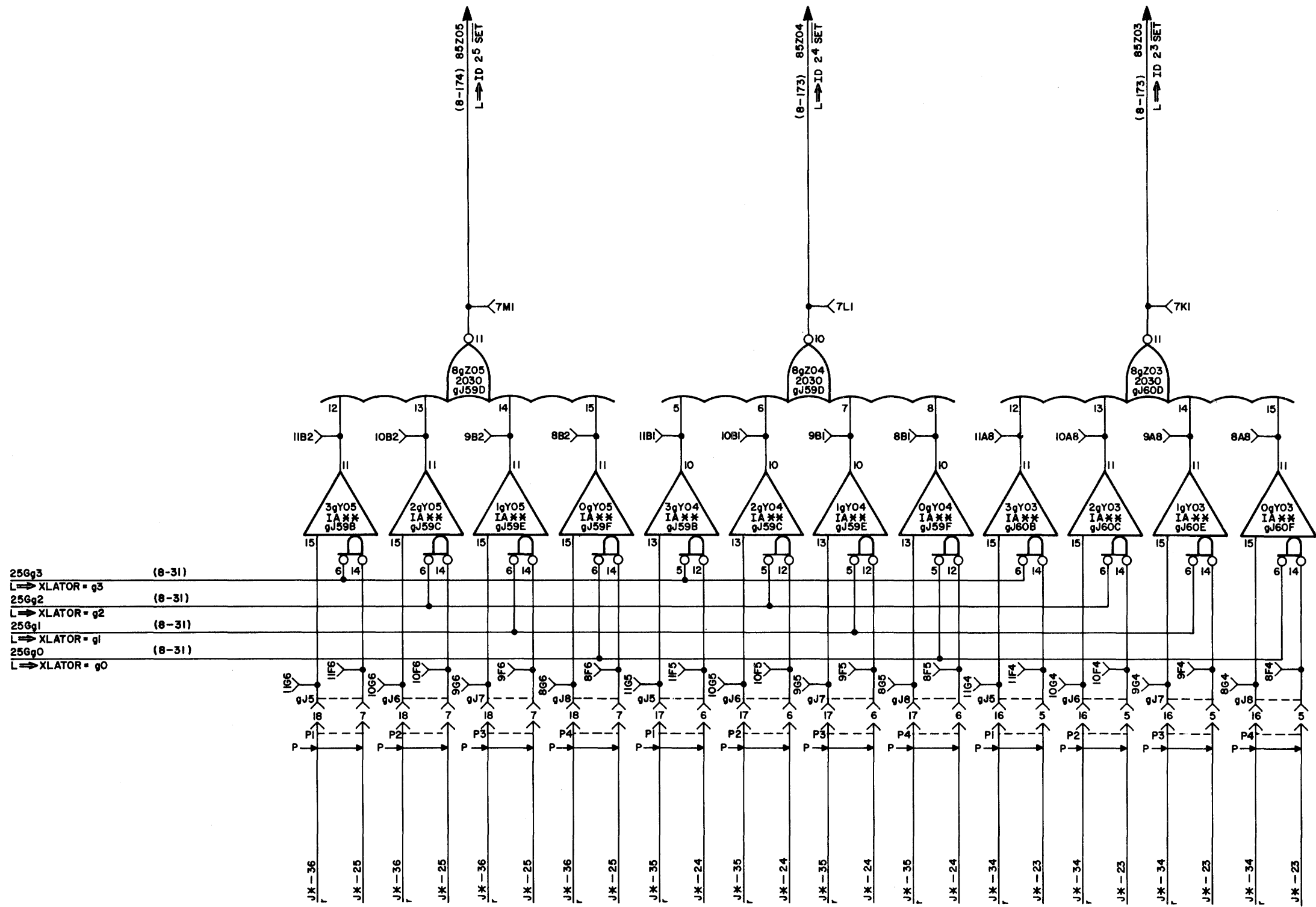
IDENT NO. 7032602-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON		DRAFTSMAN		3-16-65		A	
2 PLACE DECIMALS ±		ROLAN BITZER				UNIVAC	
3 PLACE DECIMALS ±		CHECKER				DIVISION OF SPERRY RAND CORPORATION	
ANGLES ±		B. POPOV				TITLE	
HOLE DIAMETER TOLERANCE		ENGINEER				FUNCTIONAL SCHEMATIC,	
0 THRU .750 ± .003		R. OULICKY				INPUT DATA AMPS	
.751 THRU .999 ± .005		APPROVAL				STAGES 00-02	
1.000 & LARGER ± .010		[Signature]				CODE IDENT NO.	
THREADS: EXT. CL. 2A, INT. CL. 2B		[Signature]				SIZE	
MATERIAL		COMMODITY CODE				D	
FINISH						DWG NO.	
						90536	
						7032602	
						SCALE	
						WEIGHT	
						SHEET 1 OF 1	

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		71686	SEE EIR		08/02/65	[Signature]



25Gg3 (8-31)
 L → XLATOR = g3
 25Gg2 (8-31)
 L → XLATOR = g2
 25Gg1 (8-31)
 L → XLATOR = g1
 25Gg0 (8-31)
 L → XLATOR = g0

FIGURE 8-51

INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

IDENT NO. 7032603-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT.

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UNLESS OTHERWISE SPECIFIED:	
DIMENSION IN INCHES, TOLERANCE ON 2 PLACE DECIMALS	± .005
DIMENSION IN INCHES, TOLERANCE ON 3 PLACE DECIMALS	± .001
ANGLES	± .010
HOLE DIAMETER TOLERANCE	
0 THRU .250	± .005
.251 THRU .500	± .005
.501 & LARGER	± .010
THREADS: EXC. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION
DRAFTSMAN R. CALTON	3-16-65	A	
CHECKER B. POPOV	08/02/65	TITLE FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 03-05	
ENGINEER R. OULICKY	08/02/65		
APPROVAL [Signature]		CODE IDENT NO.	DWG NO.
		90536	7032603
		SIZE	D
		WEIGHT	
		SHEET	1 of 1

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71686	SEE EIR	9/14/61 [Signature]

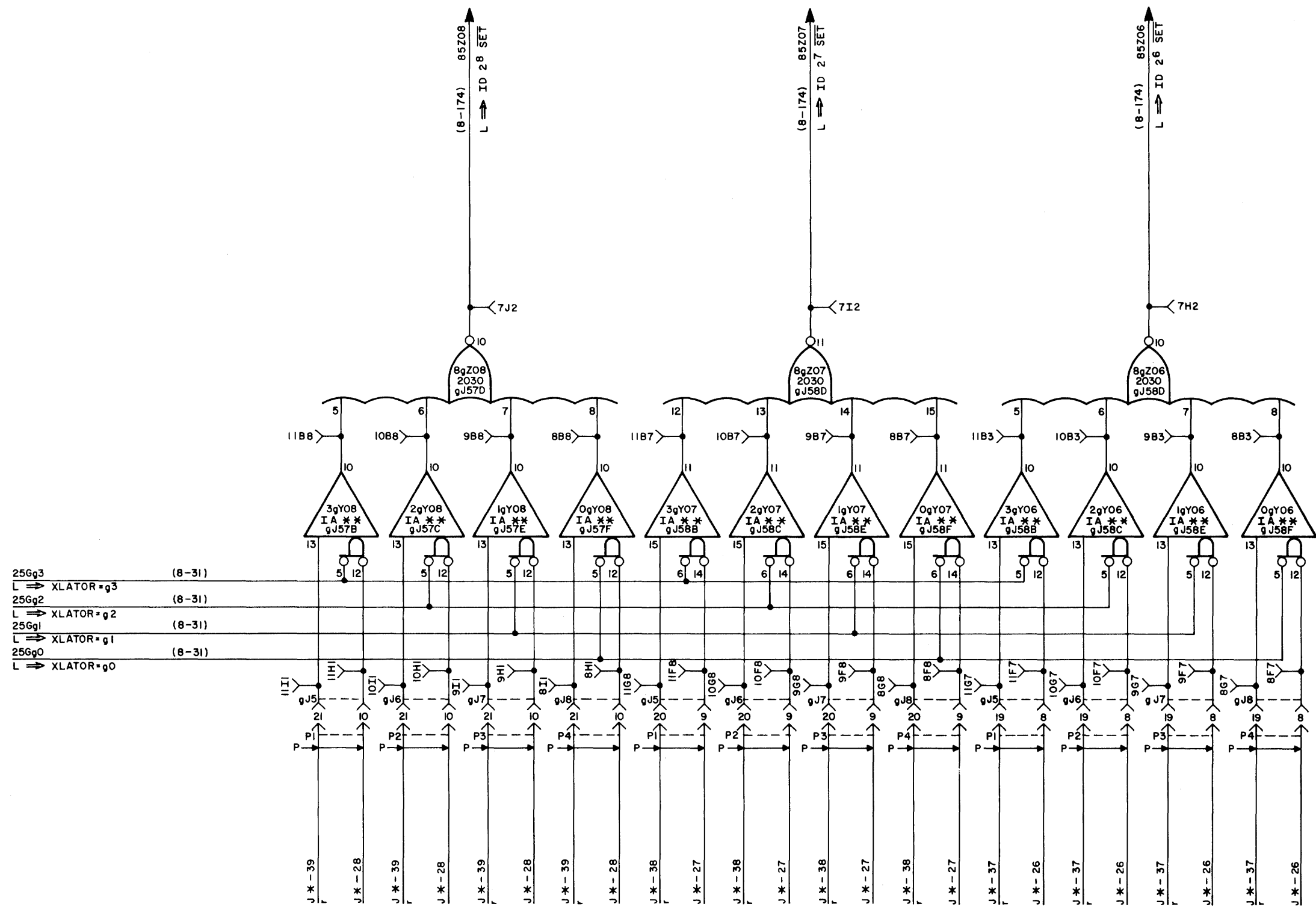


FIGURE 8-52

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

IDENT NO. 7032604-00

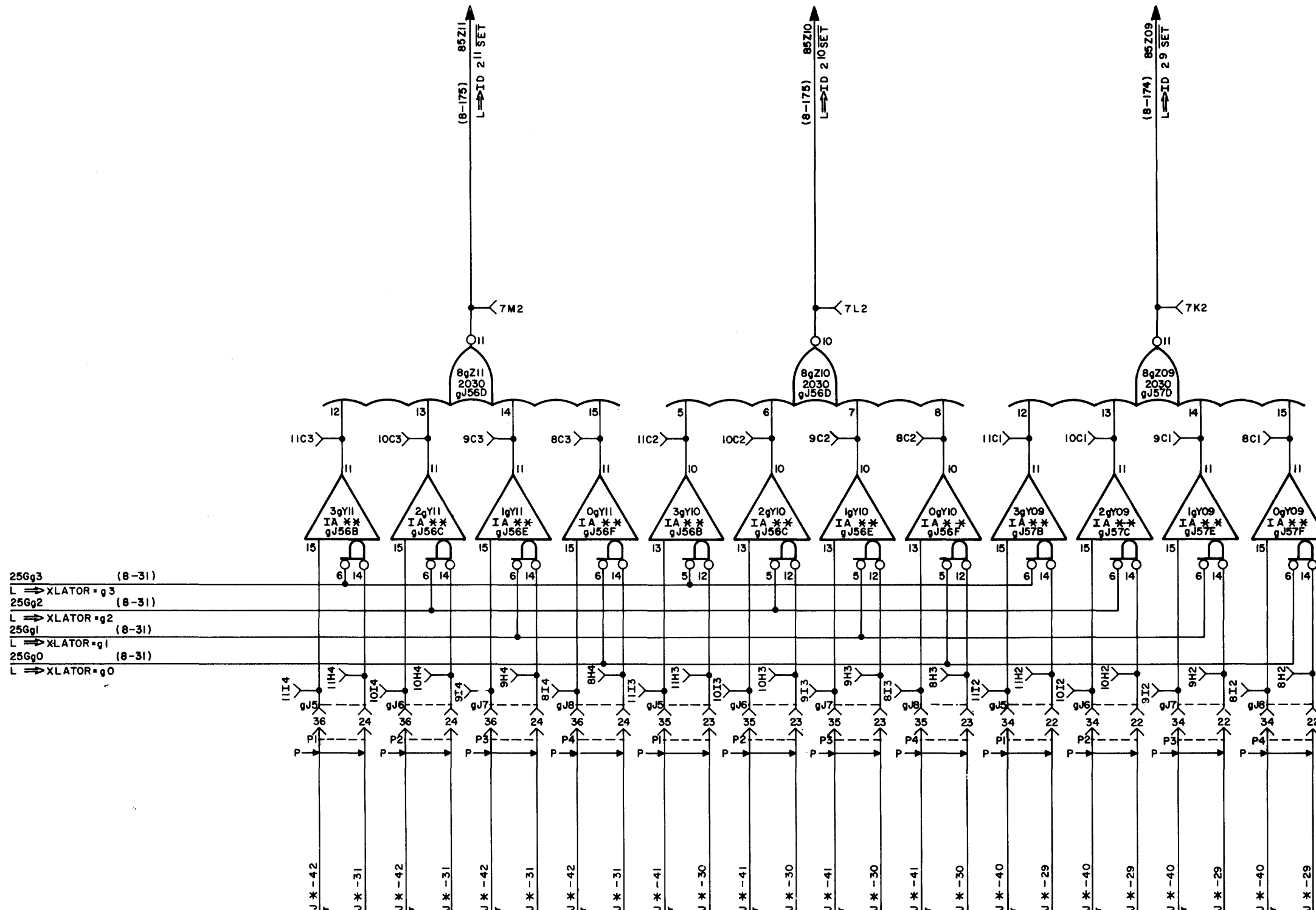
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ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		3-17-65		A	
HOLE DIAMETER TOLERANCE		FINISH		DRAFTSMAN		TITLE	
0 THRU .250 +.003		NEXT ASSY		R. CALTON		FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 06-08	
.251 THRU .500 +.005		EQUIPMENT		CHECKER		ENGINEER	
.501 & LARGER +.010		APPLICATION		B. POPOV		R. OULICKY	
THREADS EXCEPT SA, INT CL 2B		COMMODITY CODE		APPROVAL		CODE IDENT NO.	
				[Signature]		90536	
						D	
						7032604	
						SCALE WEIGHT SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71686	SEE EIR	<i>[Signature]</i>



25Gg3 (8-31)
 L ⇒ XLATOR = g3
 25Gg2 (8-31)
 L ⇒ XLATOR = g2
 25Gg1 (8-31)
 L ⇒ XLATOR = g1
 25Gg0 (8-31)
 L ⇒ XLATOR = g0

FIGURE 8-53

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL		DATE	CLASS	UNIVAC	
		3-18-65	A	DIVISION OF SPERRY RAND CORPORATION	
DRAFTSMAN R. CALTON		CHECKER B. POPOV		TITLE FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 09-11	
ENGINEER R. OULICKY		APPROVAL <i>[Signature]</i>		CODE IDENT NO. 90536	SIZE D
				DWG NO. 7032605	
				SCALE	WEIGHT
				SHEET 1 OF 1	

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

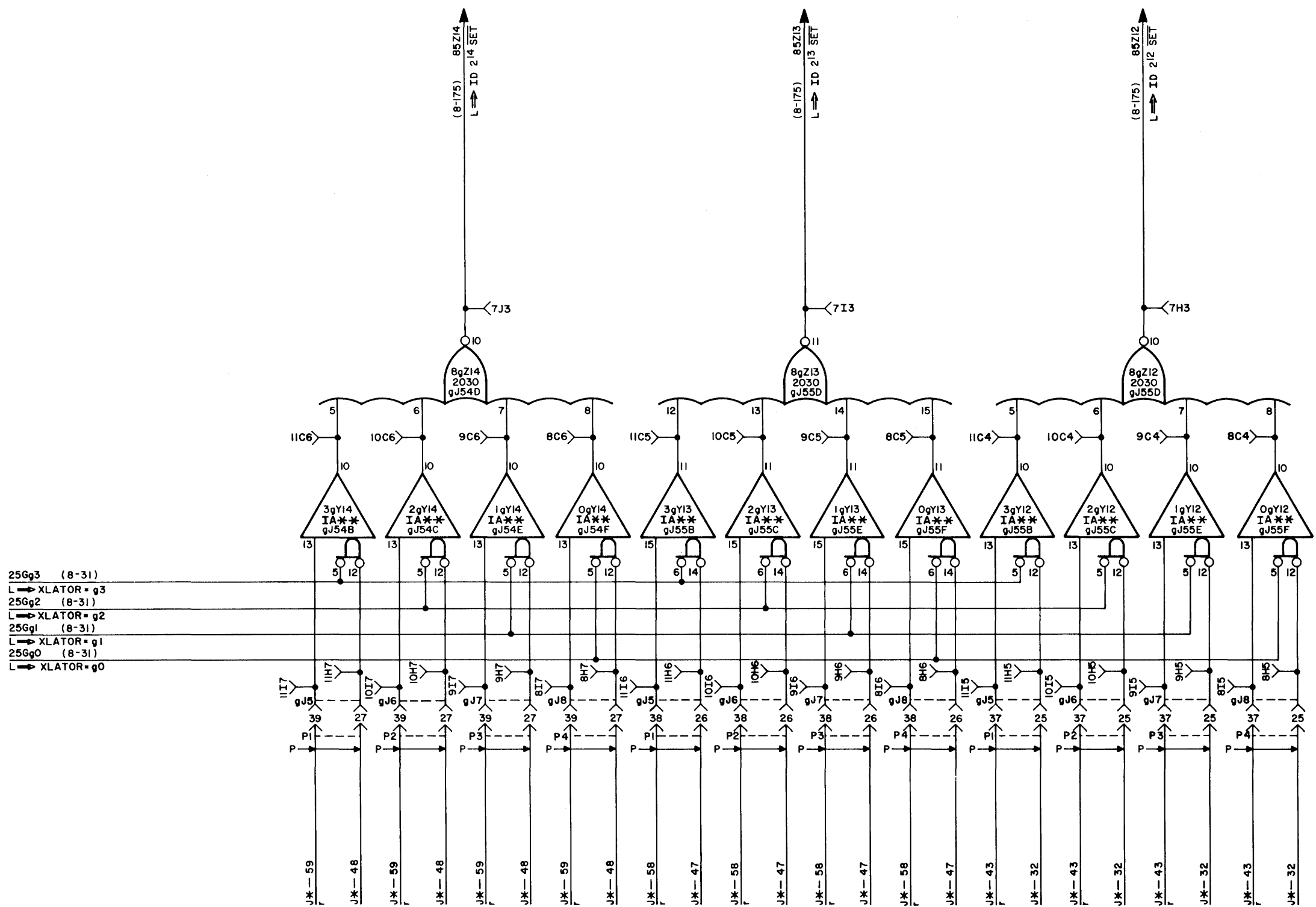
IDENT NO. 7032605-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES TOLERANCE OF 2 PLACE DECIMALS	3 PLACE DECIMALS ANGLES
± .005	± .005
± .002	± .005
THREADS: EXT. CL. RA. INT. CL. 2B	
MATERIAL	FINISH
APPLICATION	COMMODITY CODE

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71686	SEE EIR	APR 1965



25Gg3 (8-31)
 L → XLATOR = g3
 25Gg2 (8-31)
 L → XLATOR = g2
 25Gg1 (8-31)
 L → XLATOR = g1
 25Gg0 (8-31)
 L → XLATOR = g0

FIGURE 8-54

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

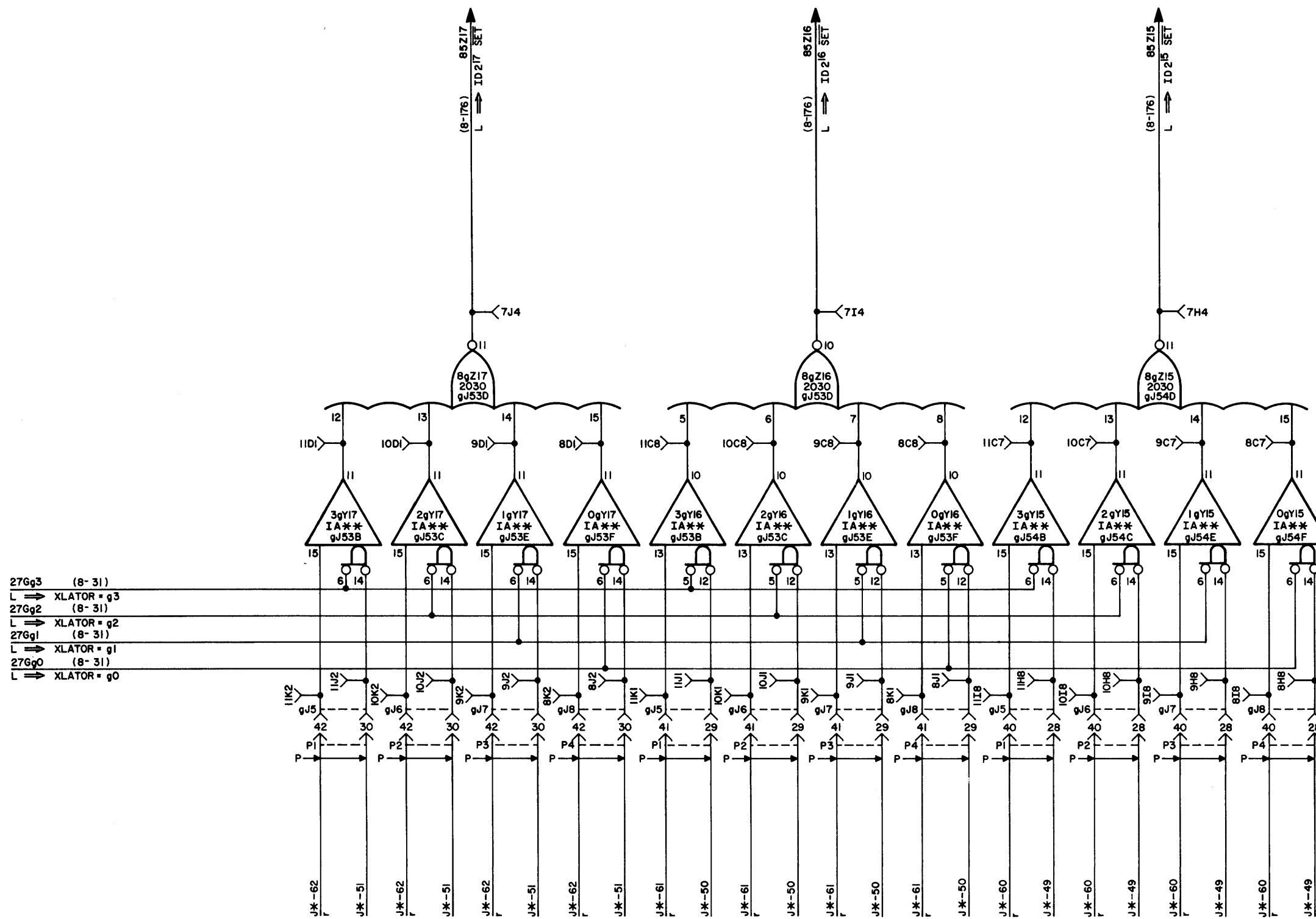
** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE

IDENT NO. 7032606-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE REPRODUCED, COPIED, MANU-FACTURED, OR IN ANY MANNER DISCLOSED TO ANY OTHER PERSON OR ENTITY WITHOUT THE WRITING OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		3-16-65		A	
HOLE DIAMETER TOLERANCE		0 THRU .250		.003		.005	
MATERIAL		FINISH		DRAWN BY		CHECKER	
APPLICATION		EQUIPMENT		R. CALTON		B. POPOV	
COMMODITY CODE		APPROVAL		R. OULICKY		R. OULICKY	
LIST OF MATERIAL		PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION		TITLE	
90536		D		7032606		FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 12-14	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71686	SEE EIR			



27Gg3 (8-31)
 L → XLATOR = g3
 27Gg2 (8-31)
 L → XLATOR = g2
 27Gg1 (8-31)
 L → XLATOR = g1
 27Gg0 (8-31)
 L → XLATOR = g0

FIGURE 8-55

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

IDENT NO. 7032607-00

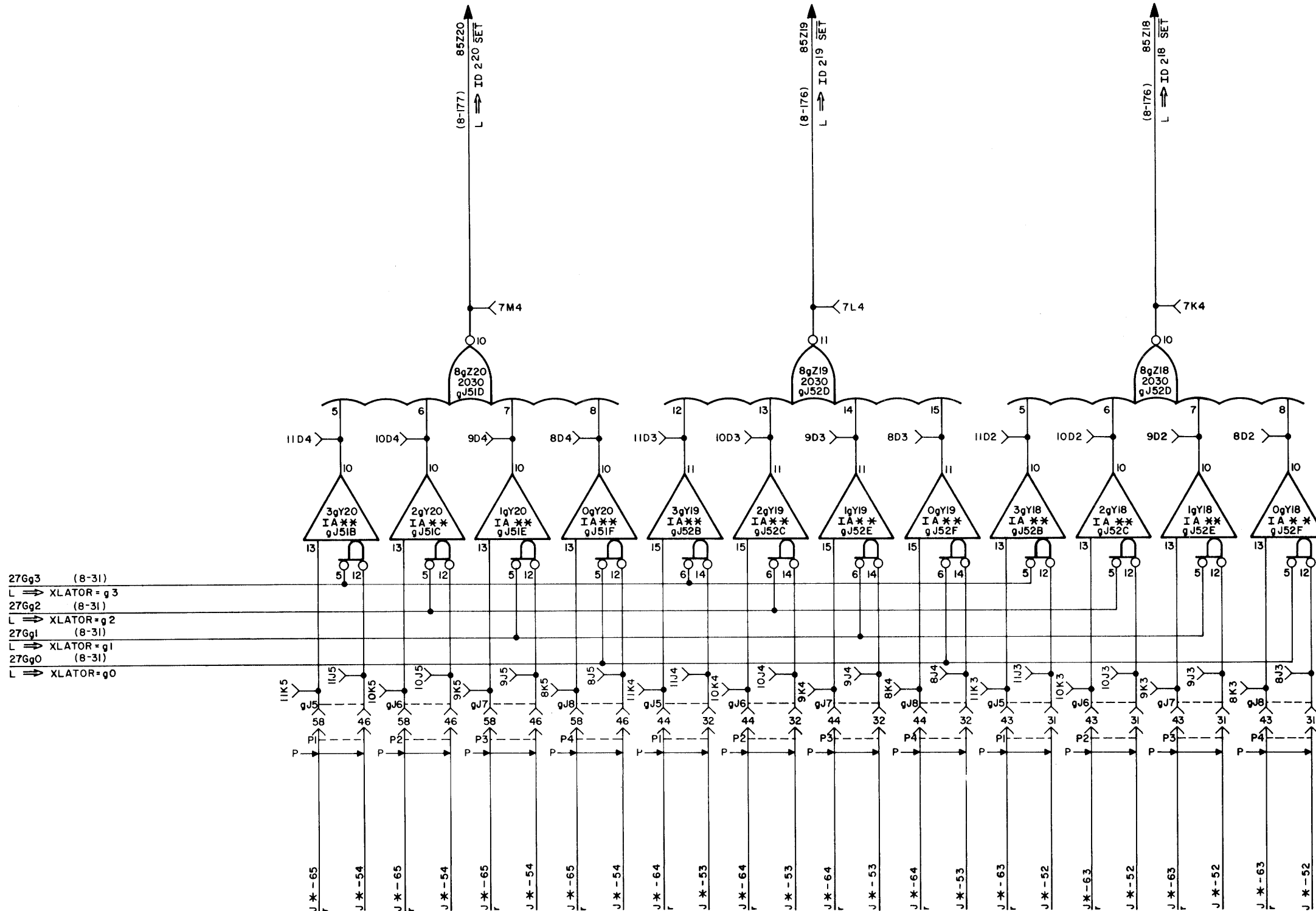
THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS	R.CALTON	3-17-65	A
ANGLES	CHECKER		
HOLE DIAMETER TOLERANCE	B. POPOV		
0 THRU .250	ENGINEER		
+ .003	R. OULICKY		
-.002	APPROVAL		
THREADS, EXCEPT AS INT CL 28			
MATERIAL			
FINISH			

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL		UNIVAC	
DIVISION OF SPERRY RAND CORPORATION		TITLE	
FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 15-17		CODE IDENT NO. 90536	
SIZE D		DWG NO. 7032607	
SCALE		SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71686	SEE EIR	ap/ul/ps/ct 7/2/65



27Gg3 (8-31)
L ⇒ XLATOR = g 3
27Gg2 (8-31)
L ⇒ XLATOR = g 2
27Gg1 (8-31)
L ⇒ XLATOR = g 1
27Gg0 (8-31)
L ⇒ XLATOR = g 0

FIGURE 8-56

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

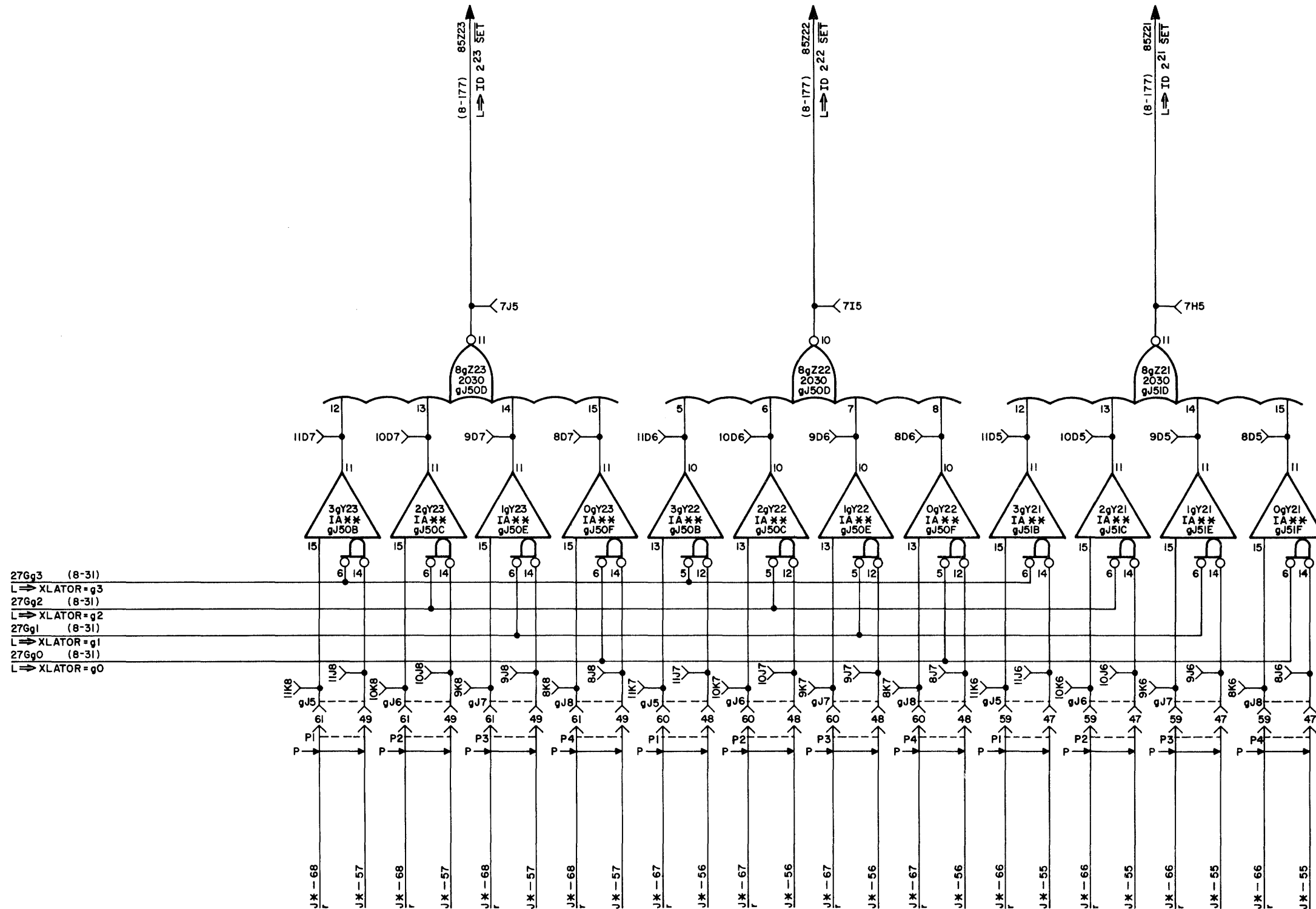
** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

IDENT NO. 7032608-00

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QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
UNLESS OTHERWISE SPECIFIED				LAYOUT			
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS				DATE			
DIMENSION IN INCHES. TOLERANCE ON 3 PLACE DECIMALS				CLASS			
HOLE DIAMETER TOLERANCE				DRAFTSMAN			
0 THRU .250				R. CALTON			
.251 THRU .500				CHECKER			
.501 & LARGER				B. POPOV			
+ .003				ENGINEER			
- .002				R. OULICKY			
THREADS: EST. C. INT. CL 2B				APPROVAL			
MATERIAL				R. Oulicky			
FINISH				DATE			
NEXT ASSEMBLY				EQUIPMENT			
APPLICATION				DATE			
COMMODITY CODE				DATE			
				CLASS			
				A			
				TITLE			
				FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 18-20			
				CODE IDENT NO.			
				90536			
				SIZE			
				D			
				DWG NO.			
				7032608			
				SCALE			
				WEIGHT			
				SHEET 1 OF 1			

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		71686	SEE EIR			<i>[Signature]</i>



27Gg3 (8-31)
L → XLATOR = g3
27Gg2 (8-31)
L → XLATOR = g2
27Gg1 (8-31)
L → XLATOR = g1
27Gg0 (8-31)
L → XLATOR = g0

FIGURE 8-57

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

IDENT NO. 7032609-00

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UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS	DRAFTSMAN	3-18-65	A
HOLE DIAMETER TOLERANCE	RCALTON		
0 THRU .250 +.003	CHECKER		
.251 THRU .500 +.005	B. POPOV		
.501 & LARGER +.010	ENGINEER		
THREADS: EX. CL. 2A, INT. CL. 2B	R. OULICKY		
MATERIAL	APPROVAL		
FINISH	<i>[Signature]</i>		

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

UNIVAC		DIVISION OF SPERRY-RAND CORPORATION	
TITLE		FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 21-23	
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7032609	
SCALE	WEIGHT	SHEET 1 OF 1	

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		71686	SEE EIR			

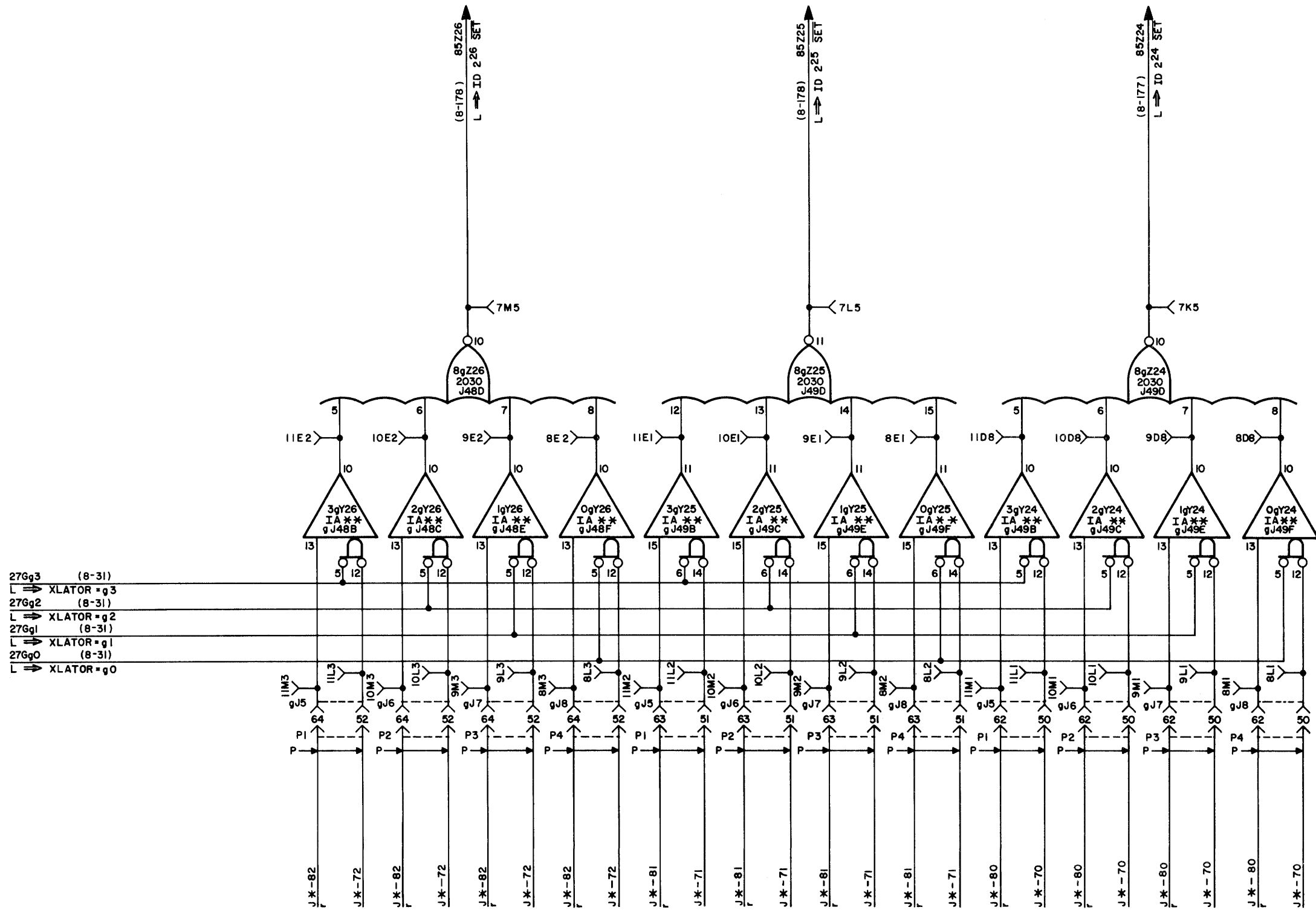


FIGURE 8-58

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

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IDENT NO. 7032610-00

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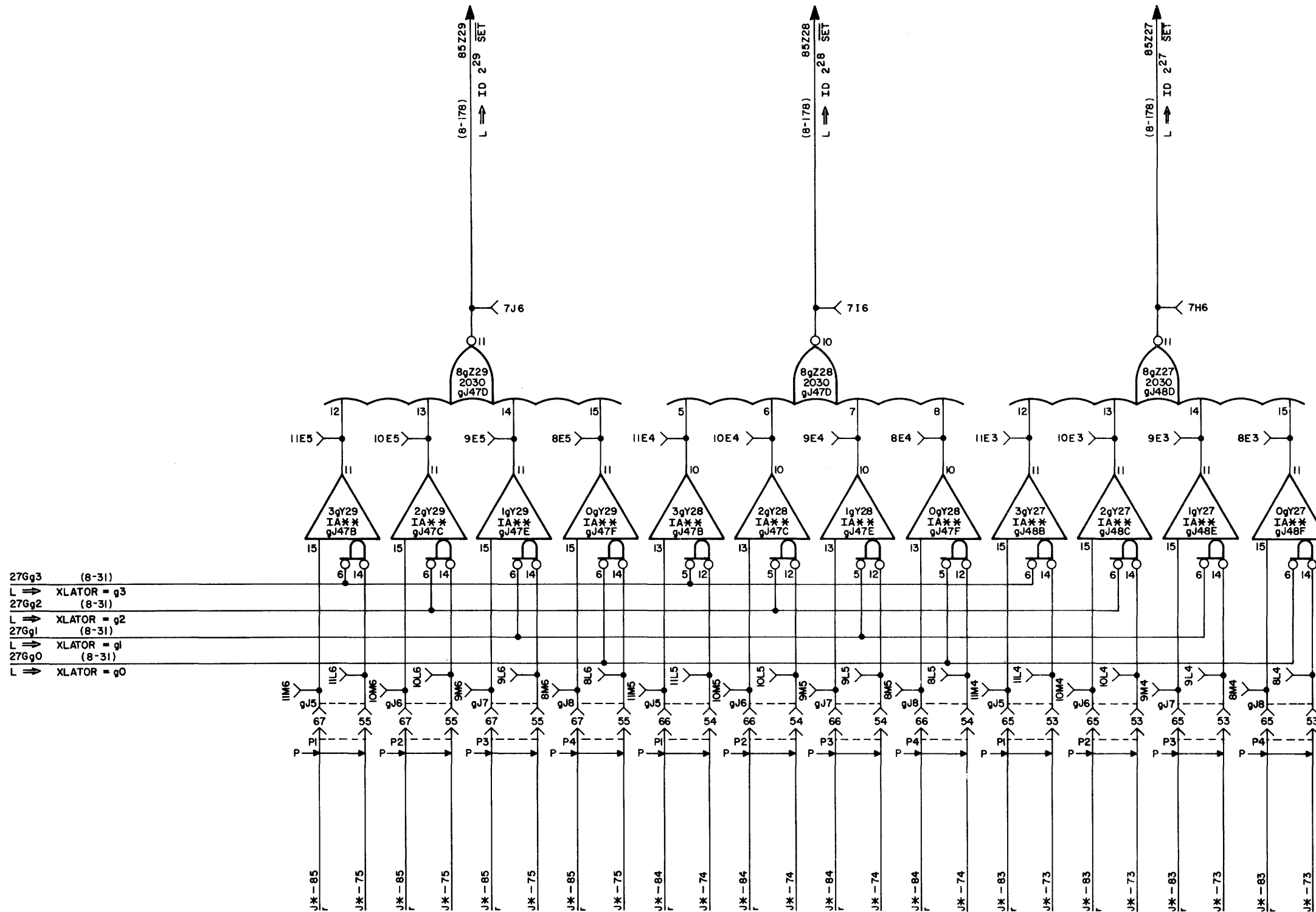
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QTY	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN	3-19-65	A
DIMENSION IN INCHES TOLERANCE ON 3 PLACE DECIMALS		R. CALTON		
HOLE DIAMETER TOLERANCE		CHECKER		
0 THRU .250 +.003		B. POPOV		
.251 THRU .500 +.003		ENGINEER		
.501 & LARGER +.010		R. OULICKY		
THREADS: EX. CL. 2A, INT. CL. 2B		APPROVAL		
MATERIAL				
FINISH				

TITLE		CODE IDENT NO.	SIZE	DWG NO.
FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 24-26		90536	D	7032610
SCALE		WEIGHT	SHEET 1 OF 1	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71686	SEE EIR			<i>[Signature]</i>



27Gg3 (8-31)
 L → XLATOR = g3
 27Gg2 (8-31)
 L → XLATOR = g2
 27Gg1 (8-31)
 L → XLATOR = g1
 27Gg0 (8-31)
 L → XLATOR = g0

FIGURE 8-59

* INPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	27	16	4	5	28	17	6	7	18	19	8	9	20	21	10	11

** IA WILL BE A 2090 FOR SLOW INTERFACE OR A 2320 FOR FAST INTERFACE.

IDENT NO. 7032611-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		3-18-65		A	
HOLE DIAMETER TOLERANCE		± .003		± .005		± .010	
THREADS: EXT. INT. CL. 2B		MATERIAL		FINISH		DRAWN BY: <i>[Signature]</i>	
NEXT ASSY		EQUIPMENT		APPLICATION		COMMODITY CODE	
CHECKER: B. POPOV		ENGINEER: R. OULICKY		APPROVAL: <i>[Signature]</i>		DATE: 3-18-65	
TITLE: FUNCTIONAL SCHEMATIC, INPUT DATA AMPS STAGES 27-29		CODE IDENT NO. 90536		SIZE D		DWG NO. 7032611	
SCALE		WEIGHT		SHEET 1		OF 1	

REVISIONS				
REV	DATE	DESCRIPTION	CHK	APPROVED

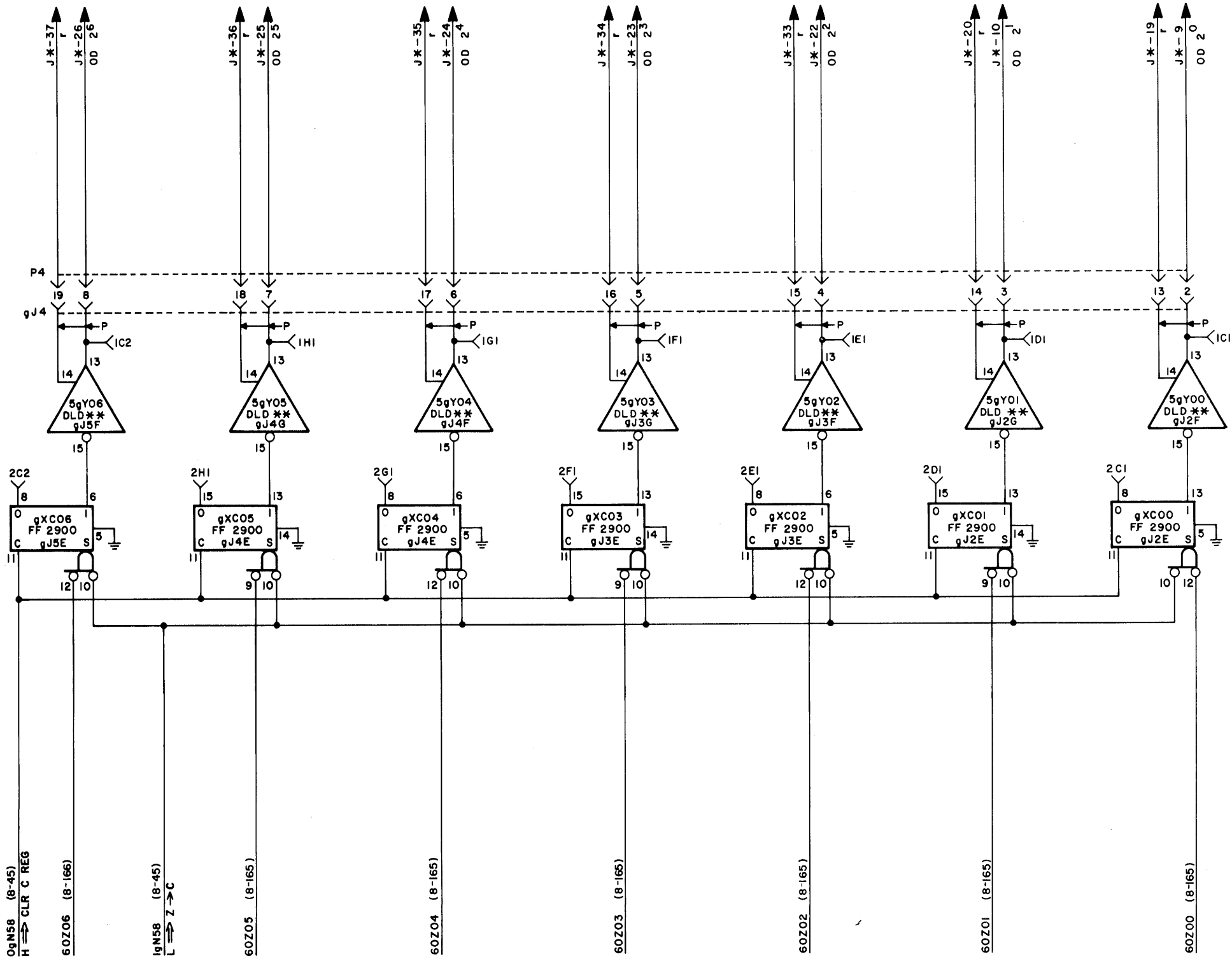


FIGURE 8-60

* OUTPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	29	30	31	32	33	34	35	36	23	24	25	26	12	13	14	15

** DLD WILL BE A 2140 FOR SLOW INTERFACE OR A 2340 FOR FAST INTERFACE.

UDLNI NO. 7032626-00

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	TITLE: _____ CHECKED BY: _____ ENGINEER: _____ APPROVAL: _____	DATE: 3-17-65 CLASS: A TITLE: FUNCTIONAL SCHEMATIC, C REGISTER BITS 00-06
	TITLE: _____ CHECKED BY: _____ ENGINEER: _____ APPROVAL: _____	DATE: 3-17-65 CLASS: A TITLE: FUNCTIONAL SCHEMATIC, C REGISTER BITS 00-06
	TITLE: _____ CHECKED BY: _____ ENGINEER: _____ APPROVAL: _____	DATE: 3-17-65 CLASS: A TITLE: FUNCTIONAL SCHEMATIC, C REGISTER BITS 00-06

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNIVAC						
DIVISION OF ELECTRONIC RESEARCH CORPORATION						
FUNCTIONAL SCHEMATIC, C REGISTER BITS 00-06						
CODE IDENT NO.	SIZE	DWG NO.				
90536	D	7032626				
SCALE	WEIGHT	SHEET 1 OF 1				

REVISIONS			
SYM	DATE	DESCRIPTION	APPROVED

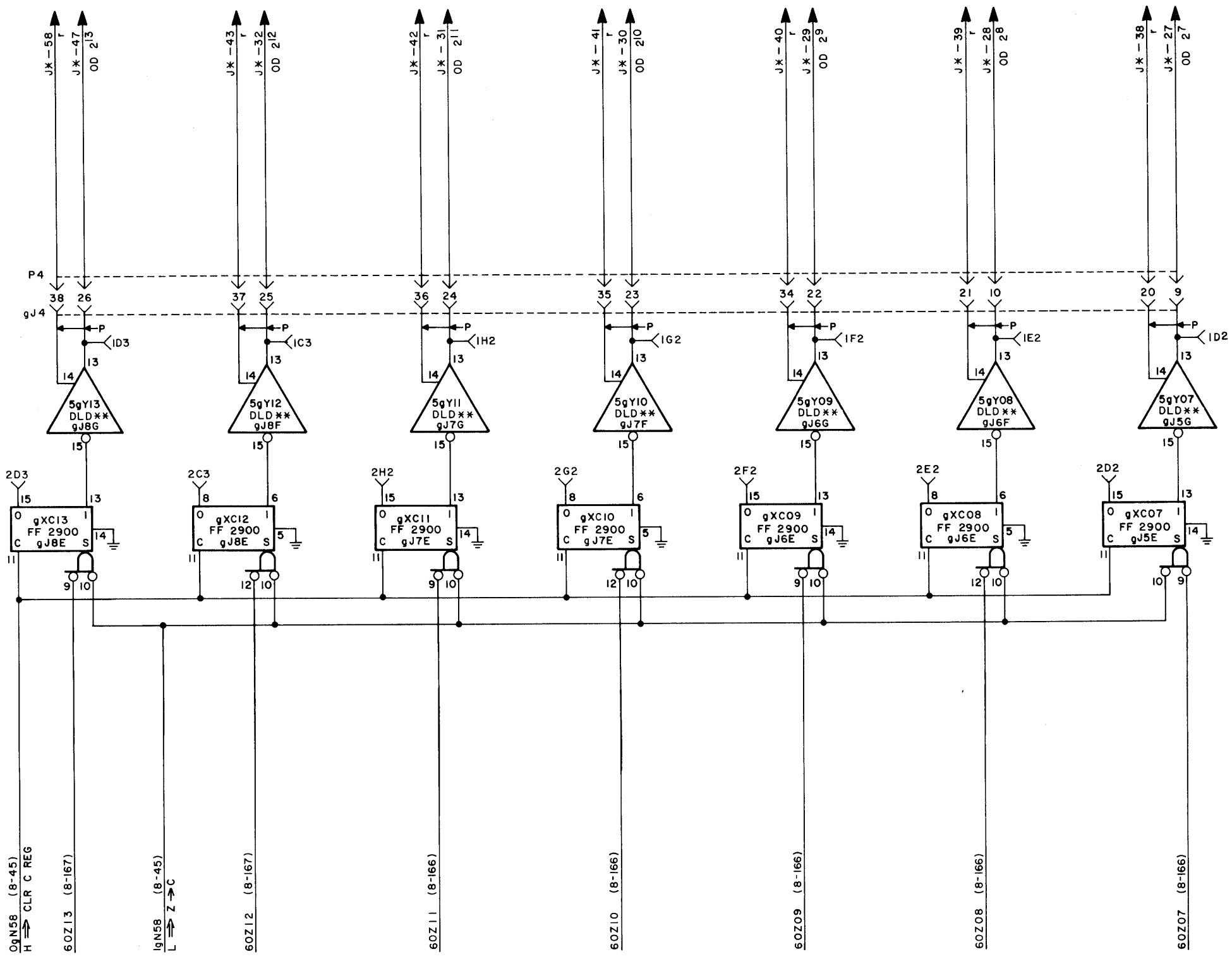


FIGURE 8-61

* OUTPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	29	30	31	32	33	34	35	36	23	24	25	26	12	13	14	15

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HOLE DIAMETER TOLERANCE: Ø THRU .250 .251 THRU .500 .501 & LARGER .002 .003 .005	DRAWN BY V. STEEBER	3-17-65	A
THREADS: EXCEPT AS NOTED, ALL ARE MATERIAL	CHECKER B. POPOV	9-15-65	
FINISH	ENGINEER R. OULICKY	9-15-65	
	APPROVAL <i>R. Oulicky</i>		

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

UNIVAC DIVISION OF SPERRY RAND CORPORATION	
TITLE	FUNCTIONAL SCHEMATIC, C REGISTER BITS 07-13
CODE IDENT NO.	90536
SIZE	D
DWG NO.	7032627
SCALE	
WEIGHT	
SHEET	OF 1

REVISIONS			
REV	DATE	DESCRIPTION	APPROVED

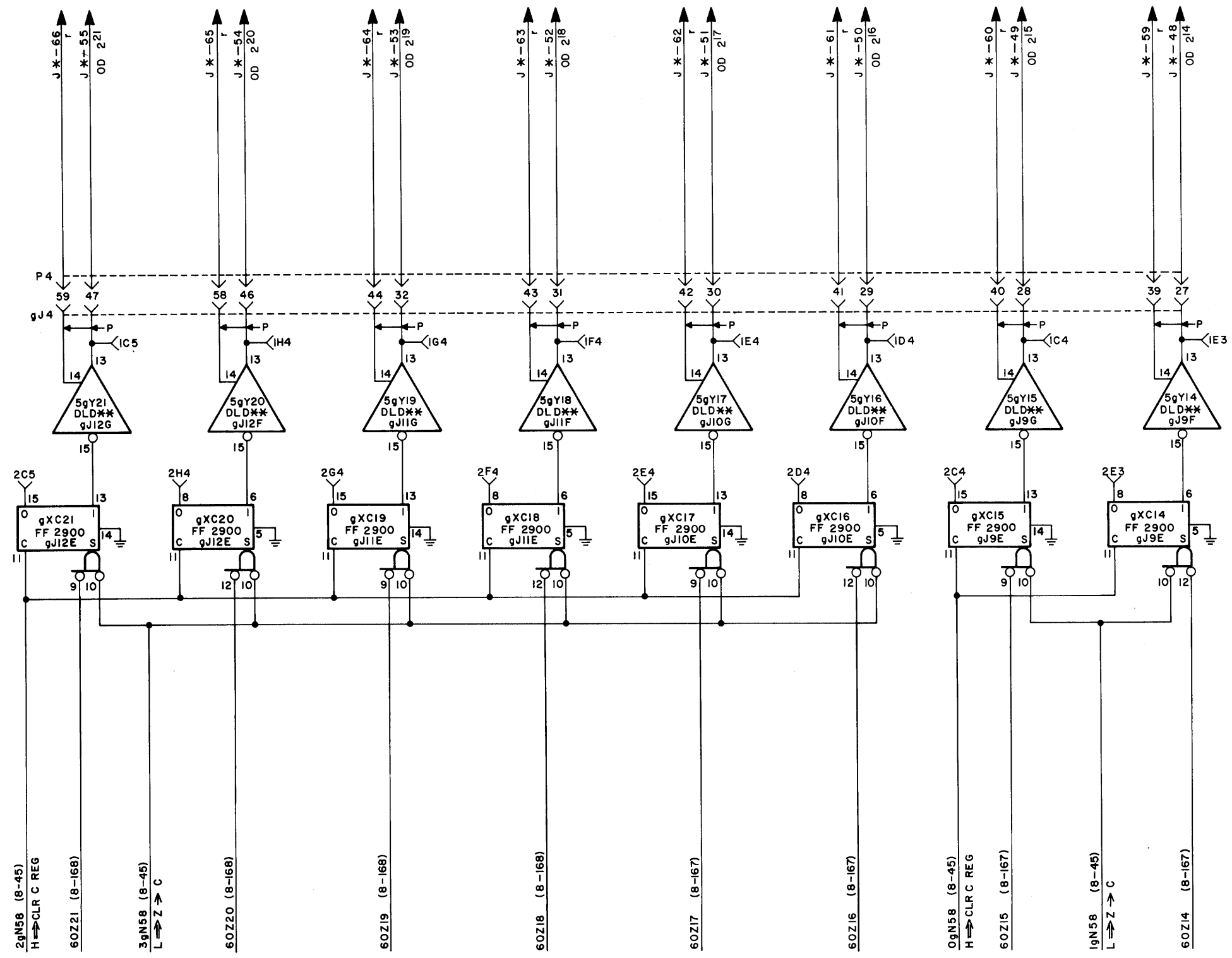


FIGURE 8-62

* OUTPUT CHANNEL	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	29	30	31	32	33	34	35	36	23	24	25	26	12	13	14	15

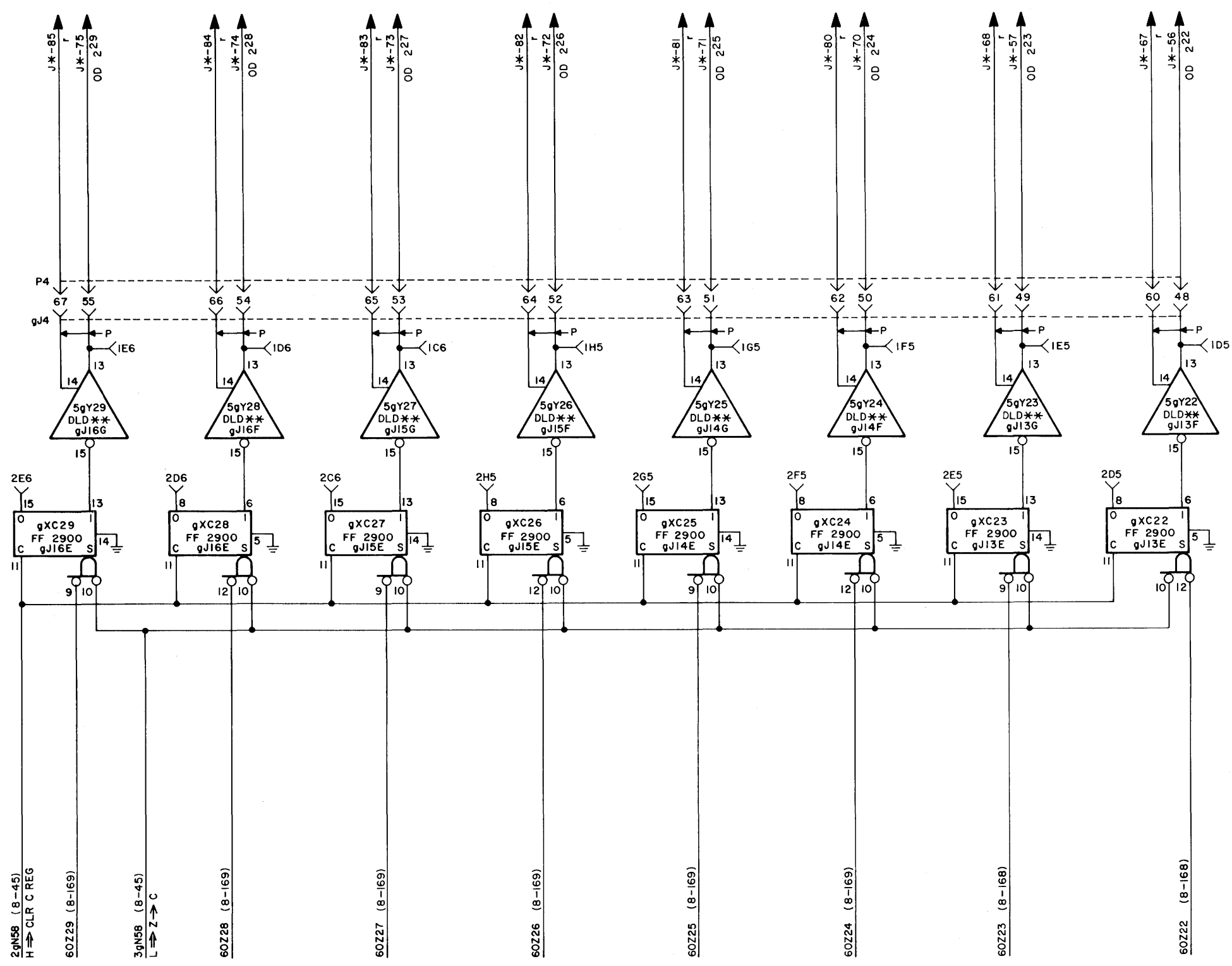
** DLD WILL BE A 2140 FOR SLOW INTERFACE OR A 2340 FOR FAST INTERFACE.

IDENT NO. 7032649-00

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--	---	--

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
CLASS						UNIVAC
TITLE						FUNCTIONAL SCHEMATIC, C REGISTER BITS 14-21
CODE IDENT NO.	SIZE	DWG NO.		SHEET OF		
90536	D	7032649				



* OUTPUT CHANNEL

	0	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17
I/O JACK	29	30	31	32	33	34	35	36	23	24	25	26	12	13	14	15

** DLD WILL BE A 2140 FOR SLOW INTERFACE OR A 2340 FOR FAST INTERFACE

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QTY REQD		FINI	REL IN'S	CYCL IDENT	DWG SIZE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
DATE		CLASS		UNIVAC			
3-18-65		A		DIVISION OF SPERRY RAND CORPORATION			
TITLE		FUNCTIONAL SCHEMATIC, C REGISTER BITS 22-29					
DRAWN BY		V. STEEBER					
CHECKER		B. POPOV					
ENGINEER		R. OULICKY					
APPROVAL							
DATE		9-15-65					
DATE		9-15-65					
CODE IDENT NO		90536		SIZE		D	
DWG NO		7032650					
SCALE				WEIGHT		SHEET OF 1	

FIGURE 8-63

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
P	4088		INTERCOMPUTER TERMINATION	

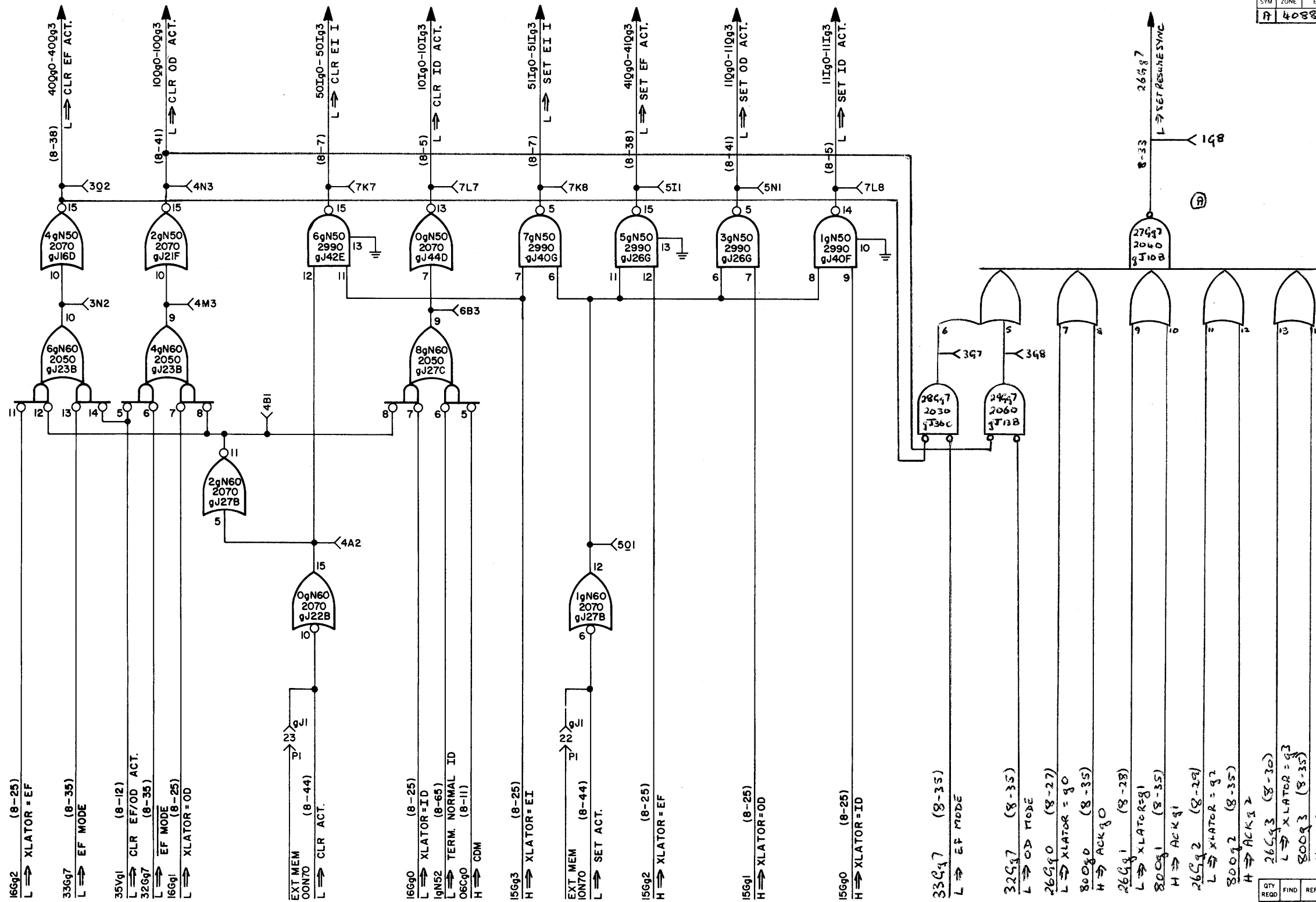


FIGURE 8-64

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	

UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS	LIST OF MATERIAL	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN	12-7-66	A	UNIVAC	
HOLE DIAMETER TOLERANCE		E. BICKETT			DIVISION OF SPERRY RAND CORPORATION	
THREADS: EXT. CL. INT. CL. 2B		CHECKER			TITLE	
MATERIAL		B. POPOV			FUNCTIONAL SCHEMATIC, ACTIVE CONTROL	
FINISH		ENGINEER			CODE IDENT NO. SIZE DWG NO.	
		J. LAMBING			90536 D 7075163	
		APPROVED			SCALE WEIGHT SHEET OF	

IDENT NO. 7075163-00

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REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

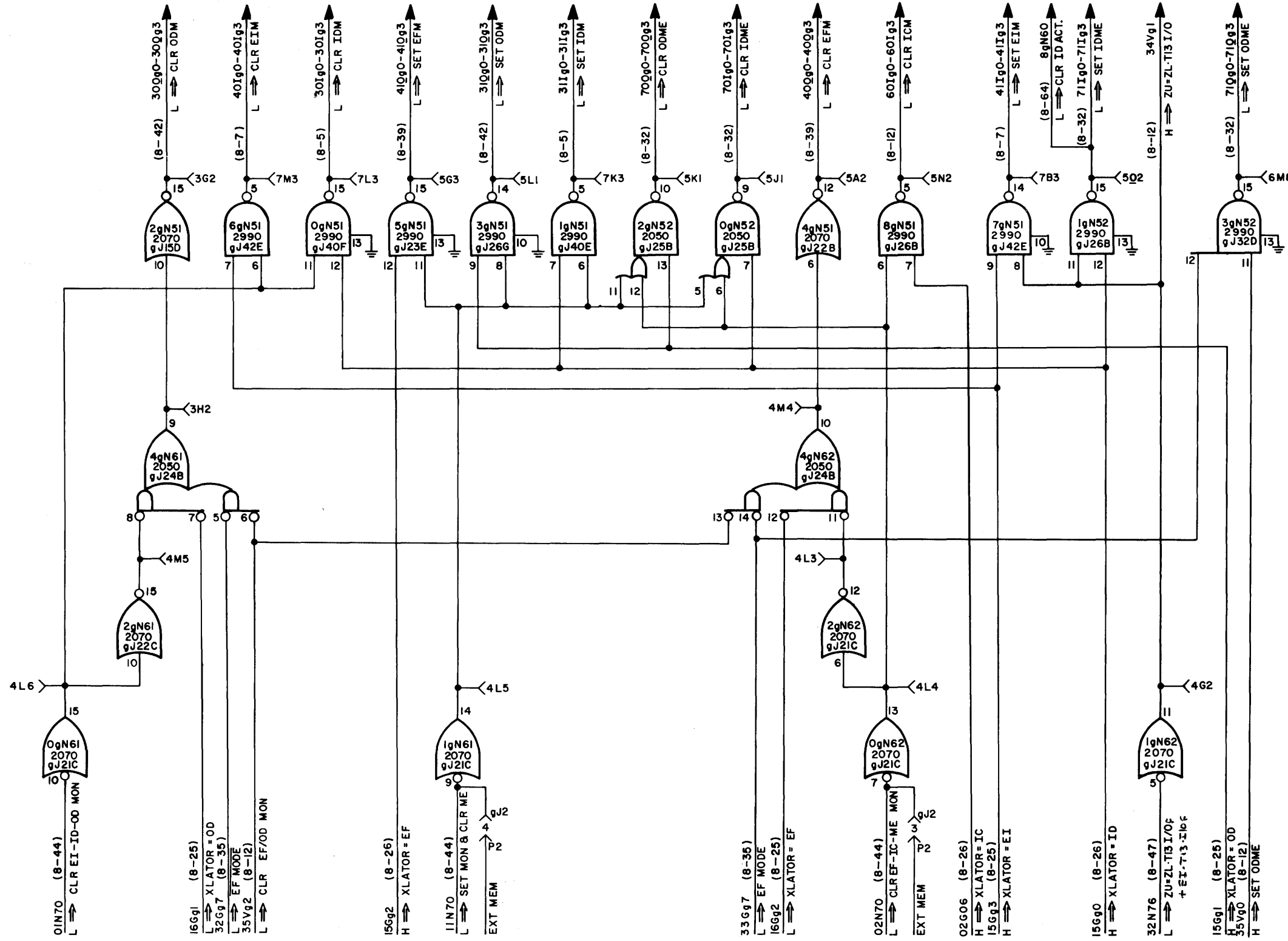


FIGURE 8-65

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL	

UNLESS OTHERWISE SPECIFIED:	LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE OF	E BICKETT	12-7-66	A
2 PLACE DECIMALS	CHECKER		TITLE
3 PLACE DECIMALS	B. POPOV		FUNCTIONAL SCHEMATIC, MONITOR CONTROL
ANGLES	ENGINEER		CODE IDENT NO.
HOLE DIAMETER TOLERANCE	J. LAMBING		90536
0 THRU .250 +.003	APPROVED		SIZE
.251 THRU .500 +.005	<i>J. Lambing</i>		D
.501 & LARGER +.010			DWG NO.
THREADS: EXT. CL. RA. INT. CL. 2B			7075164
MATERIAL			SCALE
FINISH			WEIGHT
			SHEET 1 OF 1

IDENT NO. 7075164-00

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REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A	3557	CHP	IC TIO INTERRUPT CORRECTION		
B	3557A	CHP	IC TIO INTERRUPT CORRECTION		

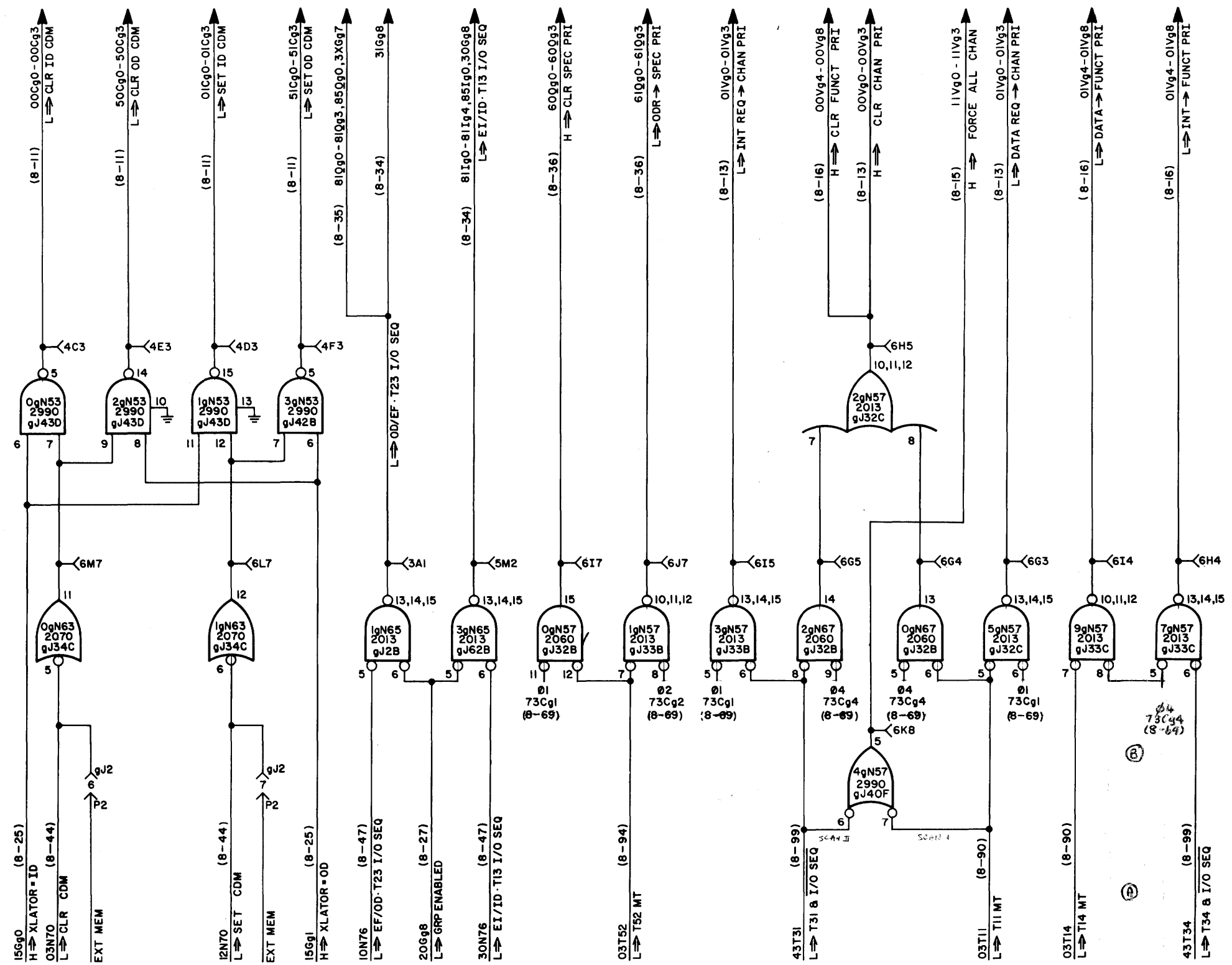


FIGURE 8-66

IDENT NO. 7075165-00

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QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
UNLESS OTHERWISE SPECIFIED				LAYOUT			
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS =				DATE			
HOLE DIAMETER TOLERANCE				CLASS			
THREADS: EXT. CL. 2A, INT. CL. 2B				DRAFTSMAN			
MATERIAL				E. BICKETT			
FINISH				CHECKER			
APPLICATION				B. POPOV			
COMMODITY CODE				ENGINEER			
				J. LAMBING			
				APPROVAL			
				R. Quality			
				DATE			
				12-7-66			
				CLASS			
				A			
				TITLE			
				FUNCTIONAL SCHEMATIC, CDM AND PRIORITY CONTROL			
				CODE IDENT NO.			
				90536			
				SIZE			
				D			
				DWG NO.			
				7075165			
				SCALE			
				WEIGHT			
				SHEET			
				OF 1			

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED
A	7-22-66	SEE EIR	BVP

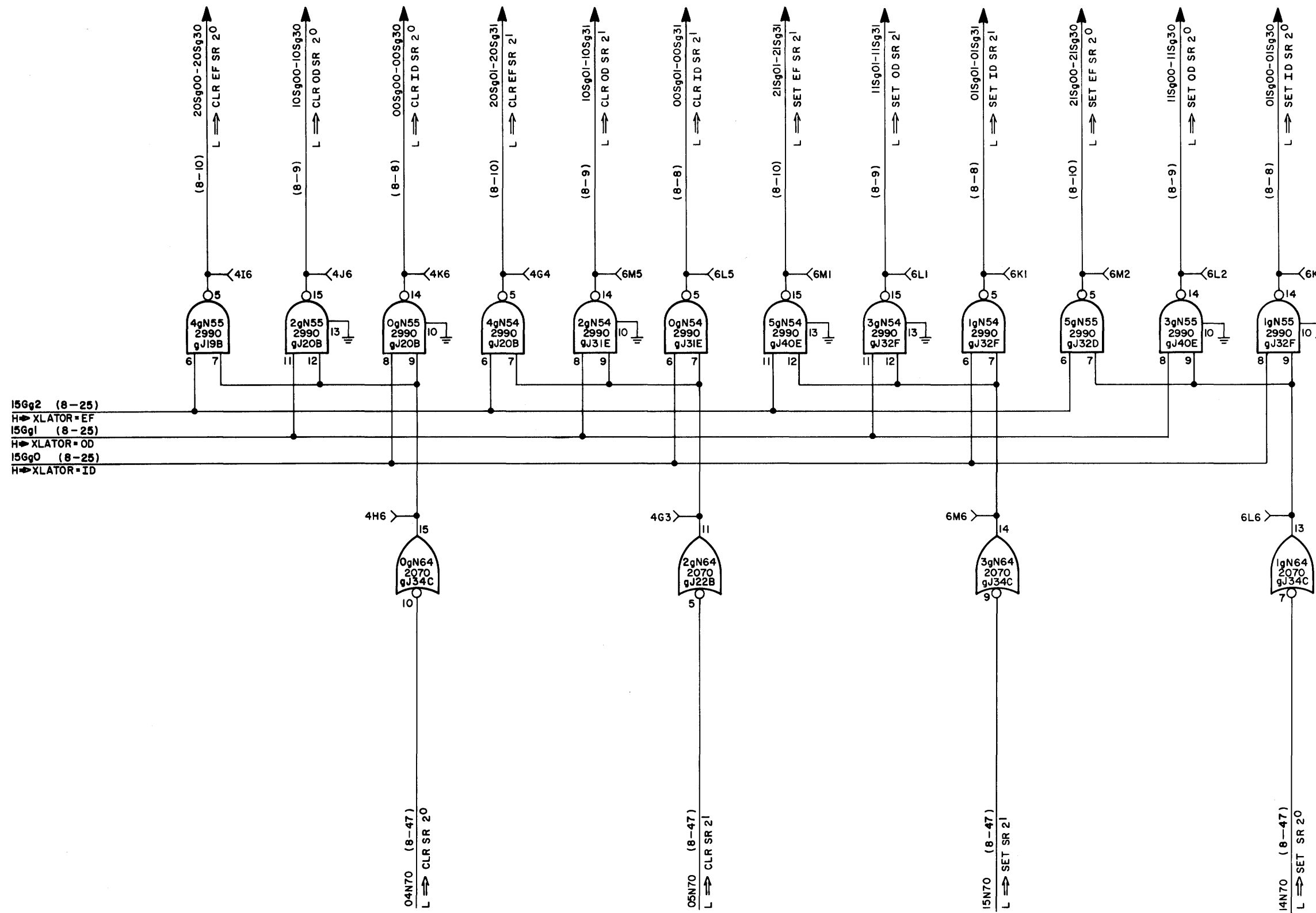


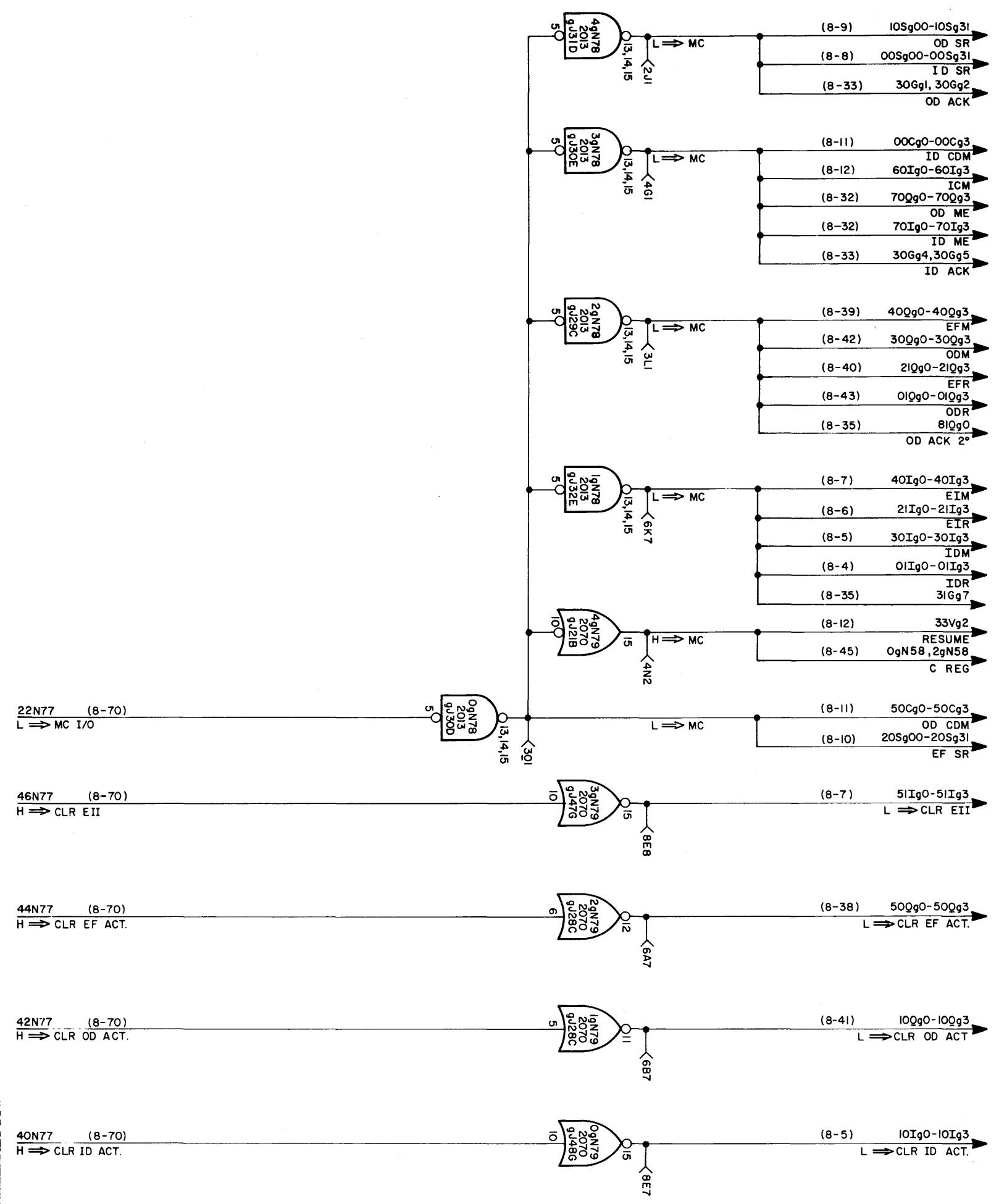
FIGURE 8-67

QTY	REQ.	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
						UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>	
						FUNCTIONAL SCHEMATIC, SR CONTROL	
						CLASS A DATE 3-1-65	CODE IDENT NO 90536 SIZE D DWG NO 7032620
						DRAFTSMAN R. CALTON CHECKER B. POPOV ENGINEER R. OULICKY APPROVAL <i>[Signature]</i>	SCALE _____ WEIGHT _____ SHEET 1 OF 1

IDENT NO. 7032620-00

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22N77 (8-70) L ⇒ MC I/O

46N77 (8-70) H ⇒ CLR EII

44N77 (8-70) H ⇒ CLR EF ACT.

42N77 (8-70) H ⇒ CLR OD ACT.

40N77 (8-70) H ⇒ CLR ID ACT.

REVISIONS		SYMBOL	ZONE	DESCRIPTION	DATE	APPROVED
A	77402	SEE EIR			8/1/66	BNP

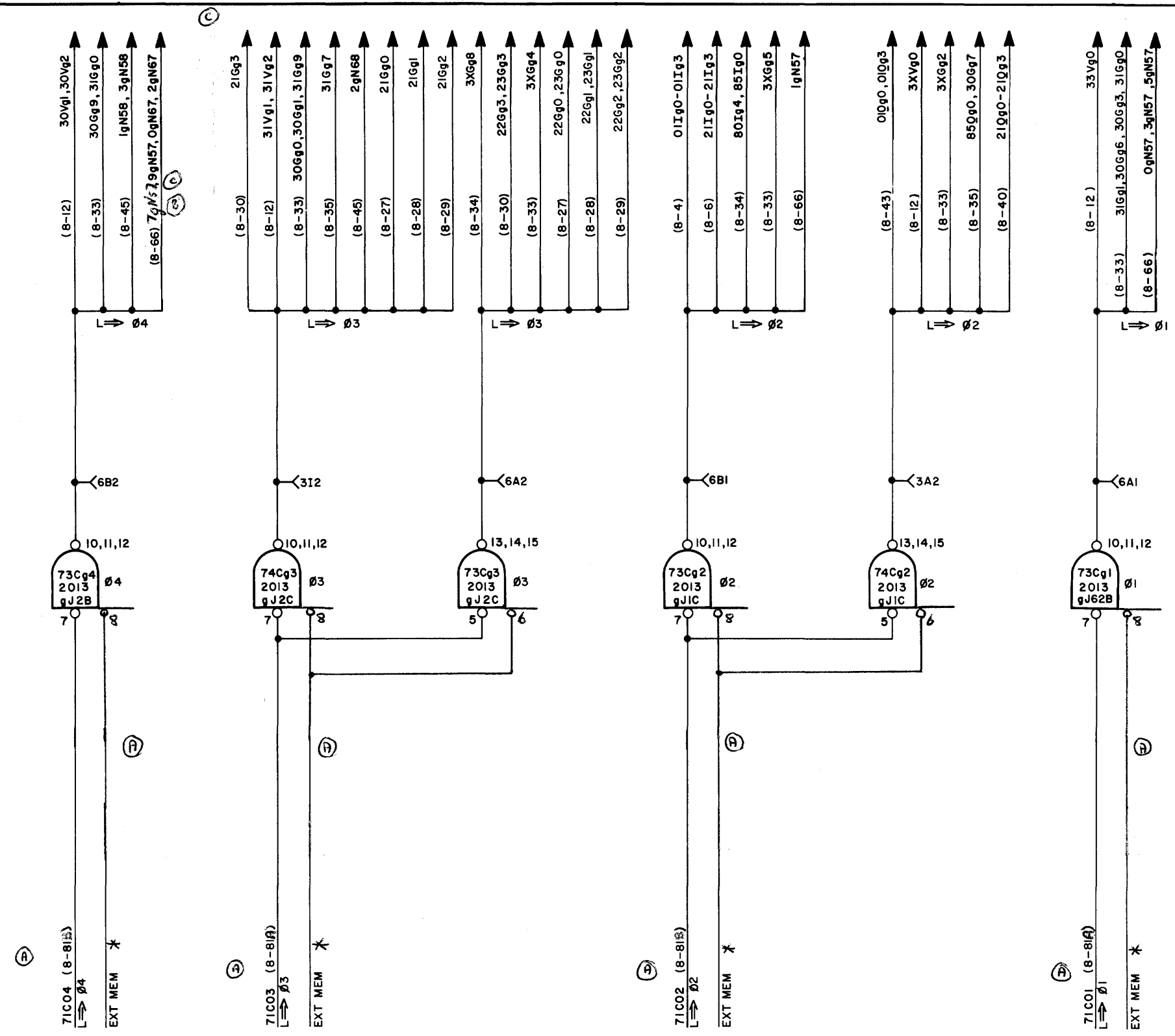
DATE	BY	CHKD	APP'D	CLASS	DATE
4-7-65	B. POPOV		R. OULICKY	A	4-7-65

UNIVAC		DIVISION OF GENERAL ELECTRIC CORPORATION	
FUNCTIONAL SCHEMATIC, I/O CLEAR LOGIC			
90536	D	7032734	SHEET 1 OF 1

FIGURE 8-68

IDENT. NO. 7032734-00

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A	3508		COMPUTER TIMING CORRECTION.		
B	3557		CHP IIC TIO INTERRUPT CORRECTION		
C	3557A		CHP IIC TIO INTERRUPT CORRECTION.		



* USED ONLY WHEN CHASSIS IN EMU.

FIGURE 8-69

IDENT NO. 7075166-00

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ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DISCLOSED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		
DIMENSION IN INCHES	TOLERANCE	
2 PLACE DECIMALS	3 PLACE DECIMALS	ANGLES
±	±	±
HOLE DIAMETER TOLERANCE		
0 THRU .250	.251 THRU .500	.501 & LARGER
+ .003	+ .005	+ .010
-.002	-.003	-.005
THREADS: EXT. CL. 2A, INT. CL. 2B		
MATERIAL	FINISH	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
LAYOUT			DATE	CLASS	UNIVAC	
DRAFTSMAN			12-7-66	A	DIVISION OF SPERRY RAND CORPORATION	
E. BICKETT					TITLE	
CHECKER			3-31-67		FUNCTIONAL SCHEMATIC,	
B. POPOV					I/O CLOCK DRIVERS	
ENGINEER			3-31-67		CODE IDENT NO.	SIZE
J. LAMBING					90536	D
APPROVED			3-31-67		DWG NO.	7075166
[Signature]					SCALE	WEIGHT
COMMODITY CODE					SHEET	OF

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

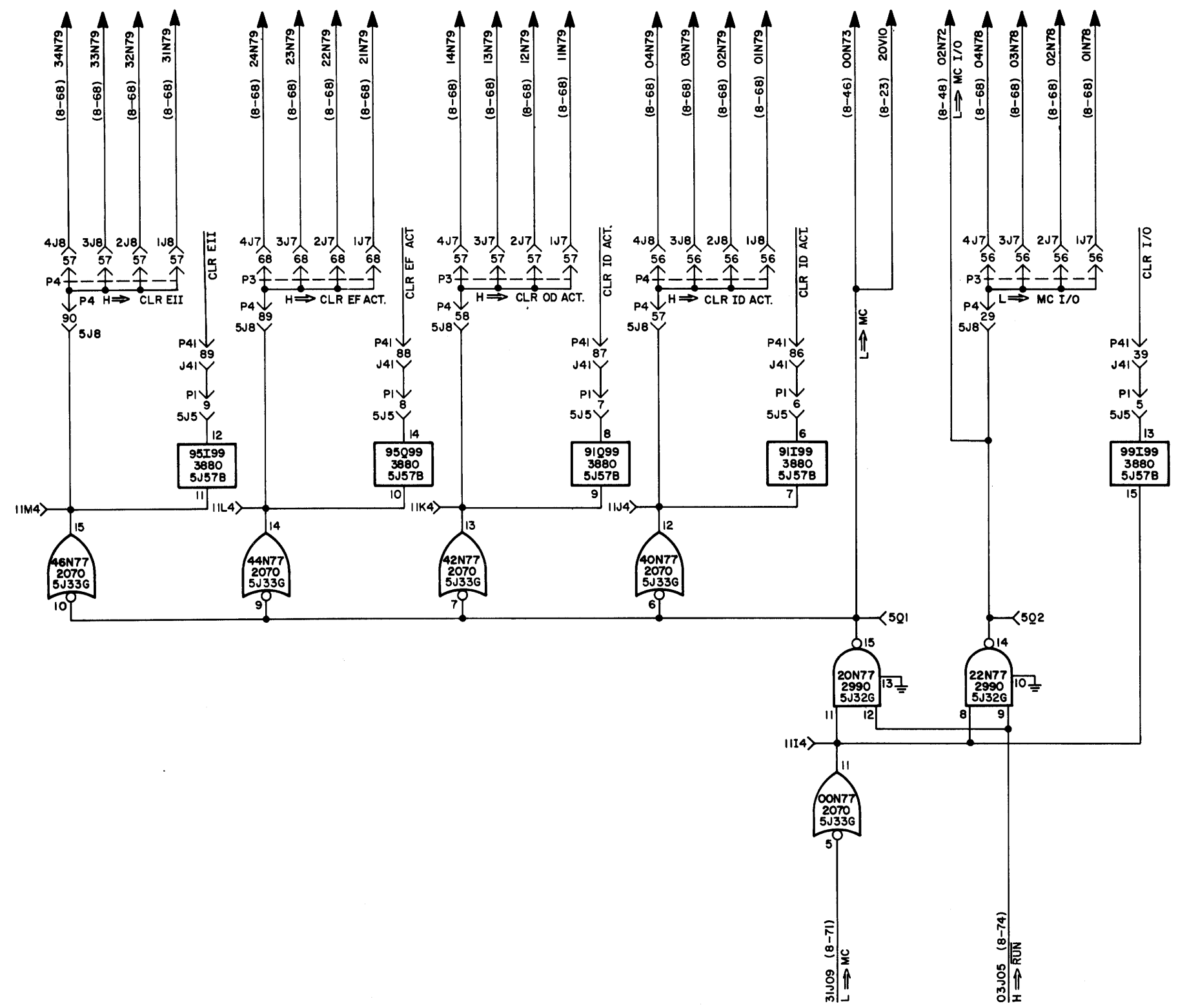


FIGURE 8-70

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
						CLASS	A
						DATE	12-9-66
						DRAFTSMAN	R. C. PETERSON
						CHECKER	R. E. STRELNIEKS
						ENGINEER	J. LAMBING
						APPROVAL	<i>[Signature]</i>
						CODE IDENT NO.	90536
						SIZE	D
						DWG NO.	7075167
						SCALE	
						WEIGHT	
						SHEET	1 OF 1

IDENT NO. 7075167-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		
DIMENSION IN INCHES, TOLERANCE OR	LAYOUT	DATE
2 PLACE DECIMALS		
3 PLACE DECIMALS		
ANGLES		
HOLE DIAMETER TOLERANCE		
0 THRU .250		
+.003		
-.002		
.251 THRU .500		
+.005		
-.003		
.501 & LARGER		
+.010		
-.005		
THREADS: EXCEPT AS INT CL 2B		
MATERIAL		
FINISH		

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION
A	E13375		S PART 642B MOD INTERFACE MOD
B	3508		COMPUTER TIMING CORRECTION.
C	3741		DISABLE EXT I/O ON FAULT

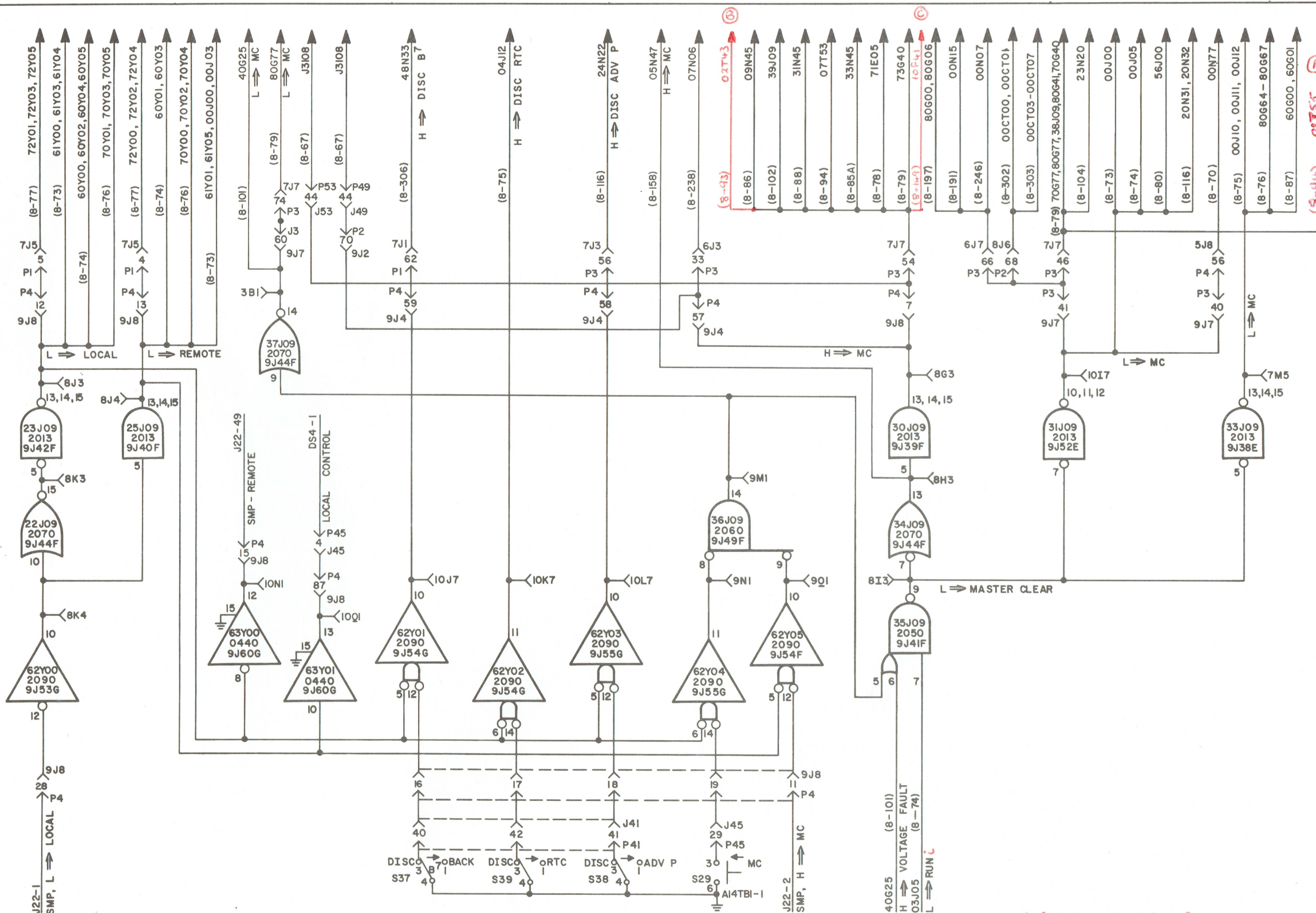


FIGURE 8-71

IDENT NO. 7075168-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

SMP SYSTEMS MONITORING PANEL

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES, TOLERANCE ON 2 PLACE DECIMALS	± .005
ANGLES	± .010
HOLE DIAMETER TOLERANCE	± .005
0 THRU .250	+ .003
.251 THRU .500	+ .004
.501 & LARGER	+ .010
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

CLASS	DATE	CHECKER	ENGINEER	APPROVAL
A	12-12-68	G.S. WHEBBE	D. HAIR	<i>[Signature]</i>
TITLE				
FUNCTIONAL SCHEMATIC, CONSOLE CONTROL I & MASTER CLEAR				
CODE IDENT NO.	SIZE	DWG NO.		
90536	D	7075168		
SCALE	WEIGHT	SHEET	OF 1	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71685	SEE EIR		8/10/65	[Signature]
B		77407	SEE EIR		8/25/66	[Signature]
C	E11935	F=64,65	LOGIC CORRECTION			
D	E11944	F=60,65	LOGIC CORRECTION			
E	E11952	B SKIP INSTRUCTION CORRECTION				
F	E13243	17 BIT MODE & BOOTSTRAP COMPATIBILITY				
G	E13321	17 BIT MODE INTERRUPT JUMP				
H	E13396	COMPUTER I/O MOD				
I	3741	DISABLE EXT JIC ON FAULT				

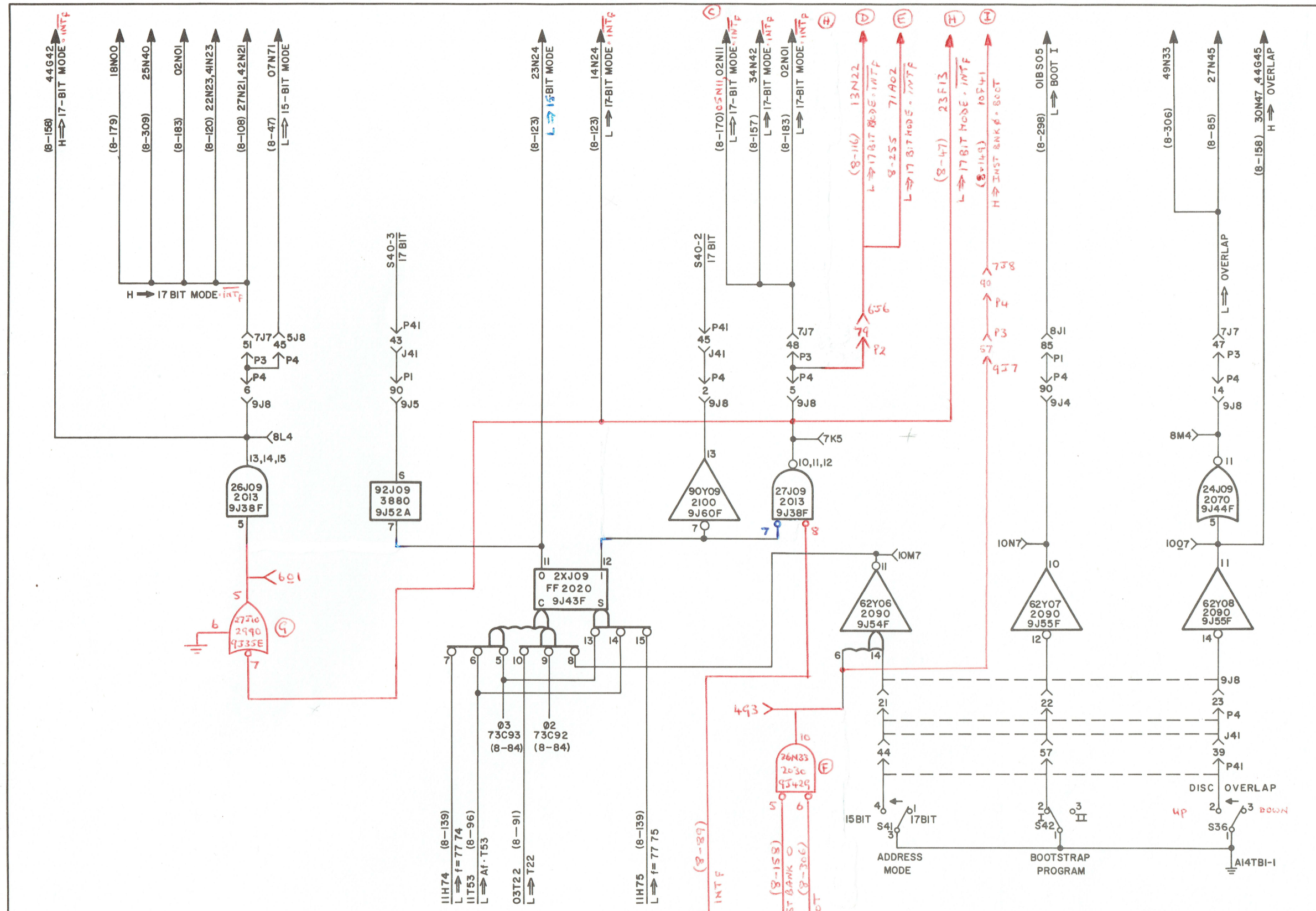


FIGURE 8-72

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
			CLASS		UNIVAC	
			DATE		DIVISION OF SPERRY RAND CORPORATION	
			DRAFTSMAN		R.L. JOHNSON	
			CHECKER		B. POPOV	
			ENGINEER		D. HAIR	
			APPROVAL		[Signature]	
			CODE IDENT NO.		90536	
			SIZE		D	
			DWG NO.		7032911	
			SCALE		WEIGHT	
			SHEET		OF	

IDENT NO. 7032911-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS	± .005
DIMENSION IN INCHES. TOLERANCE ON 3 PLACE DECIMALS	± .001
ANGLES	± .010
HOLE DIAMETER TOLERANCE	± .005
0 THRU .250	± .005
.251 THRU .500	± .005
.501 & LARGER	± .010
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	

540 -> P

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION
A	3508		COMPUTER TIMING CORRECTION

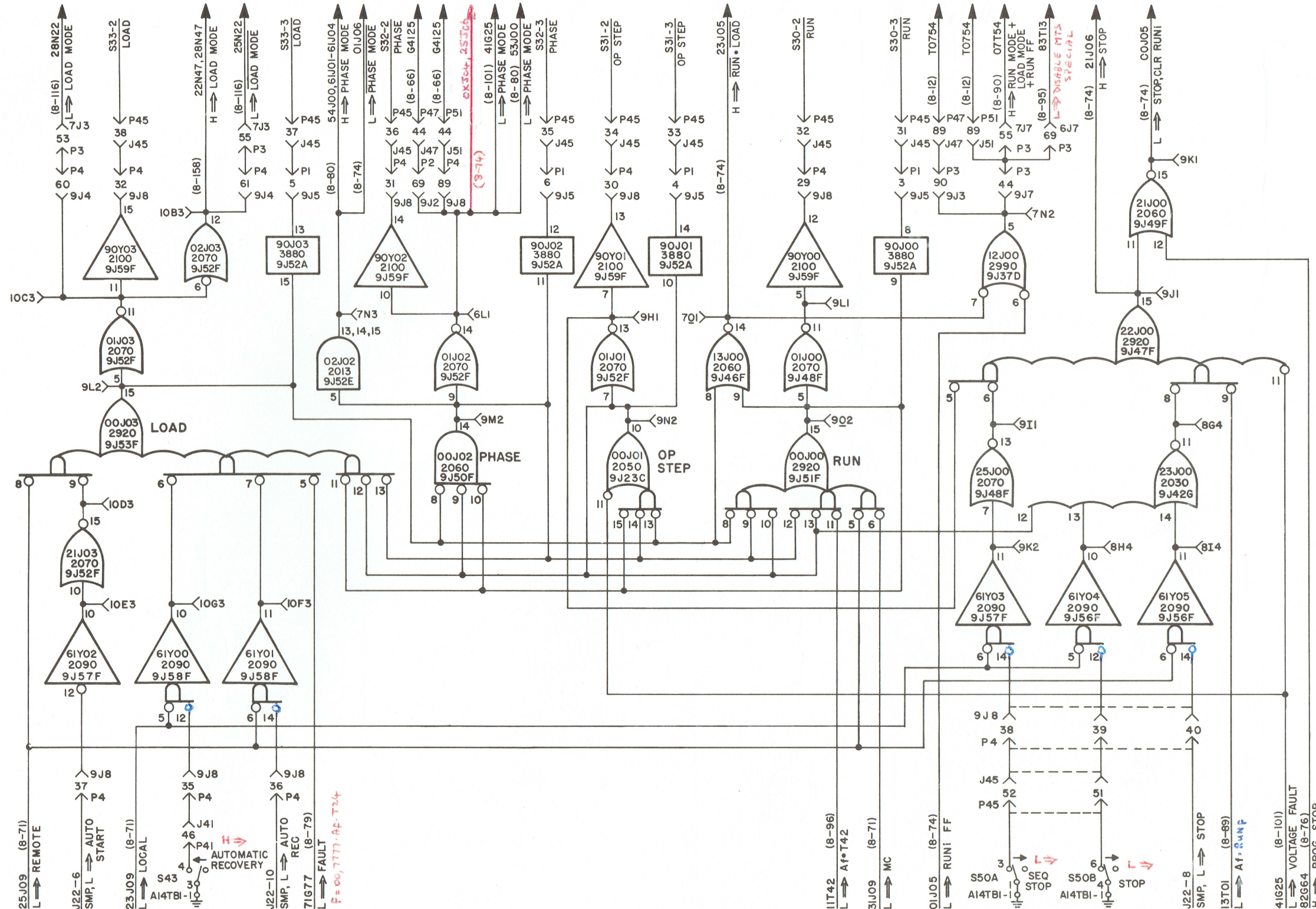


FIGURE 8-73

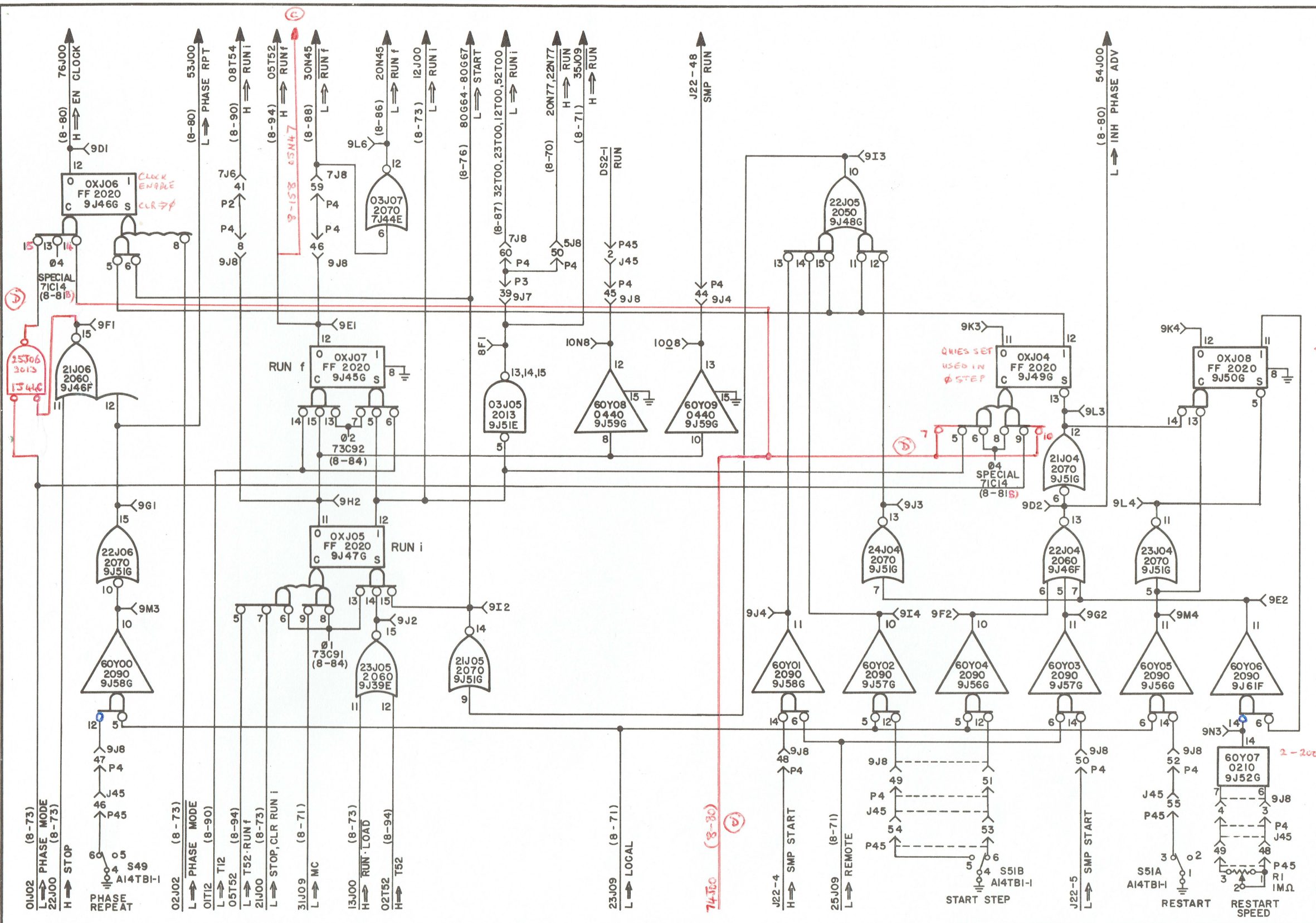
IDENT NO. 7075169-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS DECIMALS ANGLES ± ± ± HOLE DIAMETER TOLERANCE 0 THRU .390 +.003 .391 THRU .490 +.005 .491 THRU .999 +.010 1.000 & LARGER +.015	LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION
	DRAFTSMAN R. C. PETERSON	12-9-66	A	
	CHECKER B. POPOV	8. P. 3-31-67	TITLE FUNCTIONAL SCHEMATIC, CONSOLE CONTROL 3	
	ENGINEER J. LAMBING	3-31-67	CODE IDENT NO. 90536	
THREADS: EXT. CL. 2A, INT. CL. 2B	MATERIAL	APPROVED <i>J. Lambing</i>	DATE	SIZE D
COMMODITY CODE	FINISH	3-31-67	DWG. NO.	7075169
			SCALE	WEIGHT
			SHEET	OF

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71685	SEE EIR		8/11/64	[Signature]
B		77401	SEE EIR		2/1/66	[Signature]
C	E12501		1230 STOP CORRECTION			
D	3508		COMPUTER THINK CORRECTION			



SET FOR
RESTART
ONLY

FIGURE 8-74

IDENT NO. 7032698-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT: ...

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

UNITS - OTHERWISE SPECIFIED			
DIMENSION IN INCHES		TOLERANCE UNLESS OTHERWISE SPECIFIED	
FRAC	DECIMALS	FRAC	DECIMALS
0 THRU .250	±.005	.300 & LARGER	±.010
.251 THRU .499	±.005	.500 & LARGER	±.010
.500 THRU .999	±.005	1.000 & LARGER	±.010
1.000 THRU 2.999	±.005	3.000 & LARGER	±.010
3.000 THRU 9.999	±.005	10.000 & LARGER	±.010

DATE	CLASS	TITLE
3-11-5	A	FUNCTIONAL SCHEMATIC, CONSOLE CONTROL 4

APPROVAL	DATE	CODE IDENT NO.	SIZE	DWG NO.
[Signature]	9/15/64	90536	D	7032698

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A	E13310		INTERCOMPUTER TIME-OUT CHANGE		
B	E23684		INTERCOMP ENABLE		

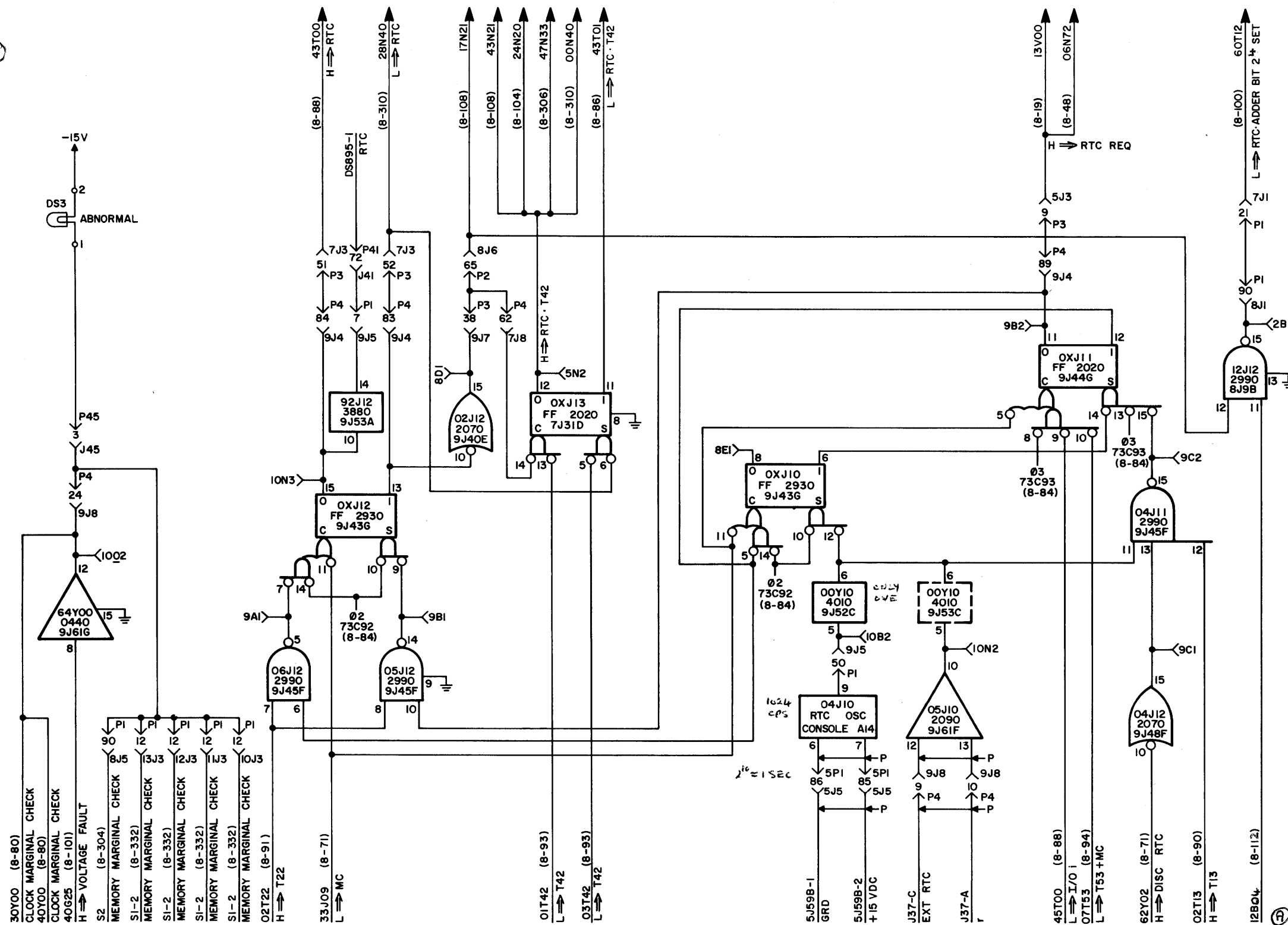


FIGURE 8-75

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
						LIST OF MATERIAL
			UNLESS OTHERWISE SPECIFIED			
			DIMENSION IN INCHES. TOLERANCE ON			
			2 PLACE DECIMALS			
			3 PLACE DECIMALS			
			ANGLES			
			HOLE DIAMETER TOLERANCE			
			0 THRU .250			
			.251 THRU .500			
			.501 & LARGER			
			+ .003			
			+ .005			
			+ .010			
			- .002			
			- .005			
			THREADS: EXT. CL. 2A, INT. CL. 2B			
			MATERIAL			
			FINISH			
			LAYOUT			
			DATE			
			CLASS			
			DRAFTSMAN			
			CHECKER			
			ENGINEER			
			APPROVE			
			COMMODITY CODE			
			APPLICATION			
			EQUIPMENT			
			DATE			
			CLASS			
			TITLE			
			CODE IDENT NO.			
			SIZE			
			DWG NO.			
			SCALE			
			WEIGHT			
			SHEET			

IDENT NO. 7075170-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNIVAC
DIVISION OF SPERRY RAND CORPORATION

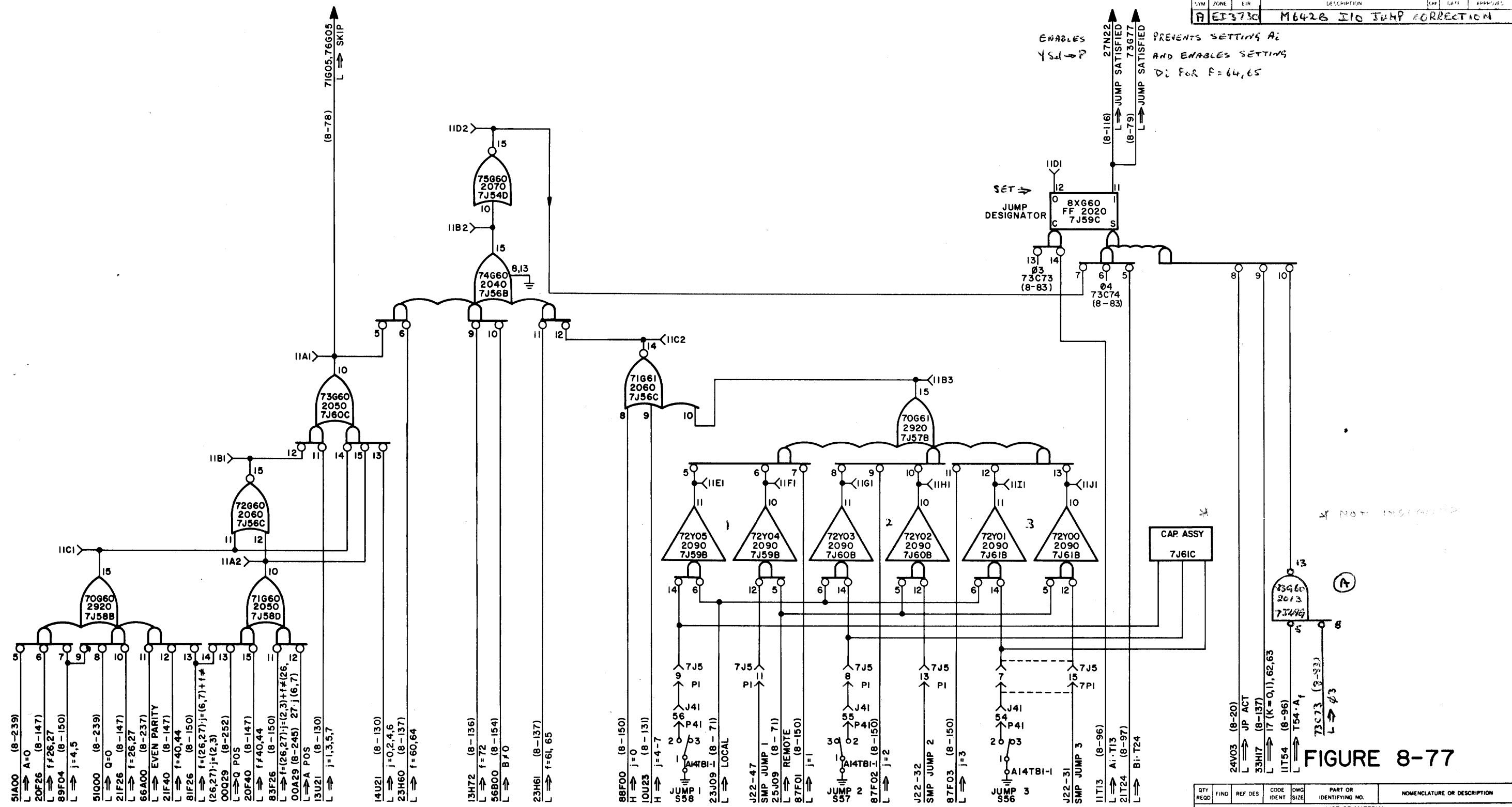
R.C. PETERSON
R.E. STRELNIEKS
J. LAMBING

12-9-66
3-31-67
3-31-67

FUNCTIONAL SCHEMATIC,
RTC & ABNORMAL

90536 D 7075170

REVISIONS				
SYM	ZONE	REV	DESCRIPTION	DATE
A	EI3730		M6428 I/O JUMP CORRECTION	



- 51A00 (8-239) L → A=0
- 20F26 (8-147) L → f=26,27
- 89F04 (8-150) L → j=4,5
- 51Q00 (8-239) L → Q=0
- 21F26 (8-147) L → f=26,27
- 66A00 (8-237) L → EVEN PARITY
- 21F40 (8-147) L → f=40,44
- 81F26 (8-150) L → f=(26,27); j=(6,7)+f*
- (26,27); j=(2,3)
- 00Q29 (8-252) L → Q POS
- 20F40 (8-147) L → f=40,44
- 83F26 (8-150) L → f=(26,27); j=(2,3)+f*(26,7)
- 00A29 (8-245) L → A POS
- 13U21 (8-130) L → j=1,3,5,7

- 14U21 (8-130) L → j=0,2,4,6
- 23H60 (8-137) L → f=60,64
- 13H72 (8-136) L → f=72
- 56B00 (8-154) L → B F O
- 23H61 (8-137) L → f=61,65

- 88F00 (8-150) H → j=0
- 10U23 (8-131) H → j=4-7
- JUMP 1 558
- 23J09 (8-71) L → LOCAL
- J22-47 SMP JUMP 1
- 25J09 (8-71) L → REMOTE
- 87F01 (8-150) L → j=1
- JUMP 2 557
- 87F02 (8-150) L → j=2
- J22-32 SMP JUMP 2
- 87F03 (8-150) L → j=3
- JUMP 3 556
- J22-31 SMP JUMP 3
- I1T13 (8-96) L → A1-T13
- 21T24 (8-97) L → B1-T24

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
						LIST OF MATERIAL

IDENT NO. 7075171-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE OR DECIMALS
2 PLACE DECIMALS	± .005
3 PLACE DECIMALS	± .001
4 PLACE DECIMALS	± .0005
HOLE DIAMETER TOLERANCE	
Ø THRU .250	+ .003
.251 THRU .500	+ .002
.501 THRU .750	+ .0015
.751 THRU 1.000	+ .001
1.001 THRU 1.500	+ .0008
1.501 THRU 2.000	+ .0006
2.001 THRU 3.000	+ .0005
3.001 THRU 4.000	+ .0004
4.001 THRU 6.000	+ .0003
6.001 THRU 10.000	+ .0002
THREADS: EX. CL 2A, INT CL 2B	
MATERIAL	FINISH

LAYOUT	DATE	CLASS
DRAFTSMAN R.C. PETERSON	12-9-66	A
CHECKER R.E. STRELNIKS	5-31-67	
ENGINEER J. LAMBING	5-31-67	
APPROVED <i>R. Lambing</i>	5-31-67	

UNIVAC		DIVISION OF SPERRY RAND CORPORATION	
TITLE		CODE IDENT NO.	DWG NO.
FUNCTIONAL SCHEMATIC, PROGRAM JUMP CONTROL		90536	7075171
SCALE	WEIGHT	SHEET	OF

FIGURE 8-77

REVISIONS					
SYM	ZONE	ERR	DESCRIPTION	DATE	APPROVED
A	3797		PREVENT ERRONEOUS ABORT		
B	0092		ABORT MOD		

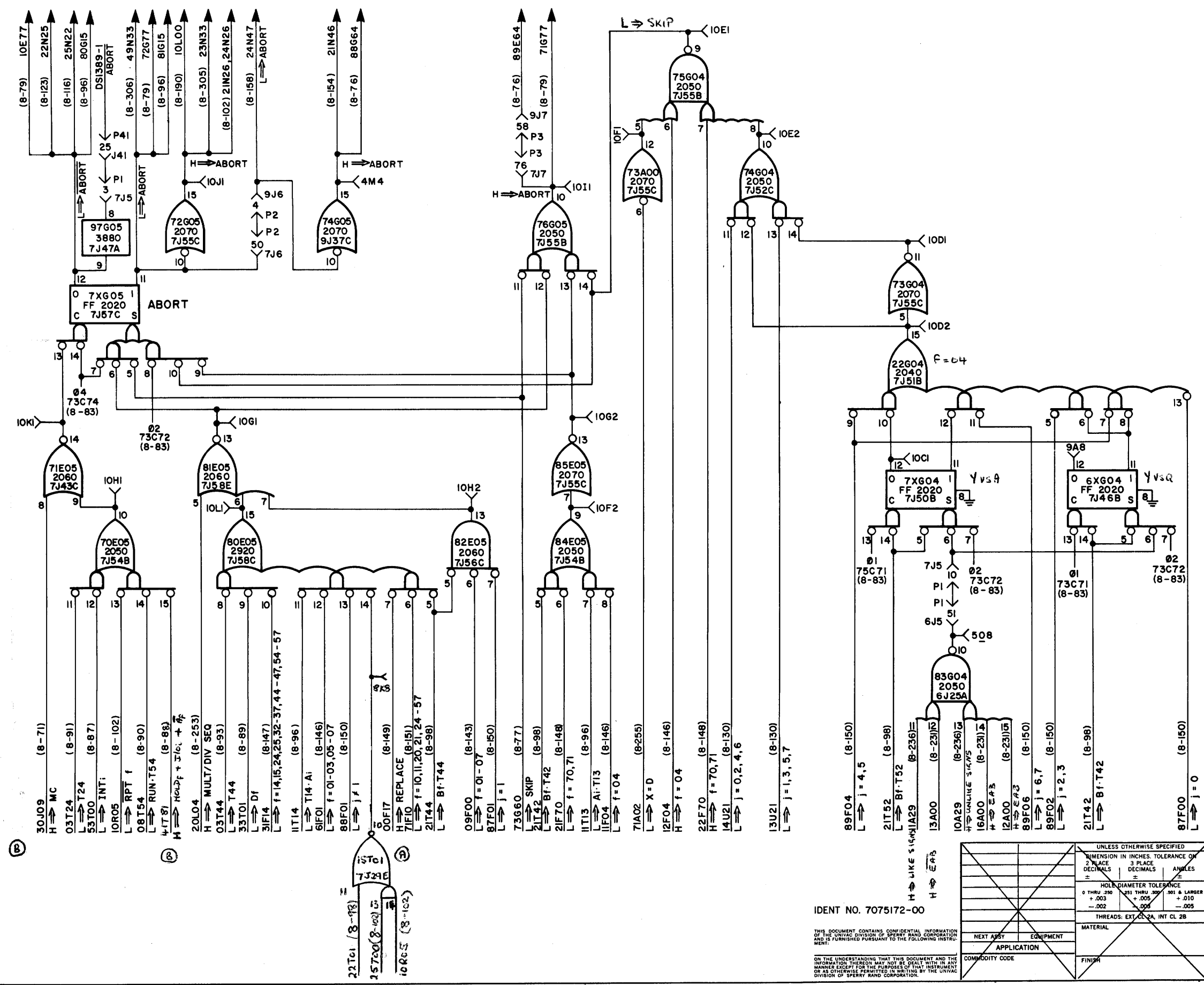


FIGURE 8-78

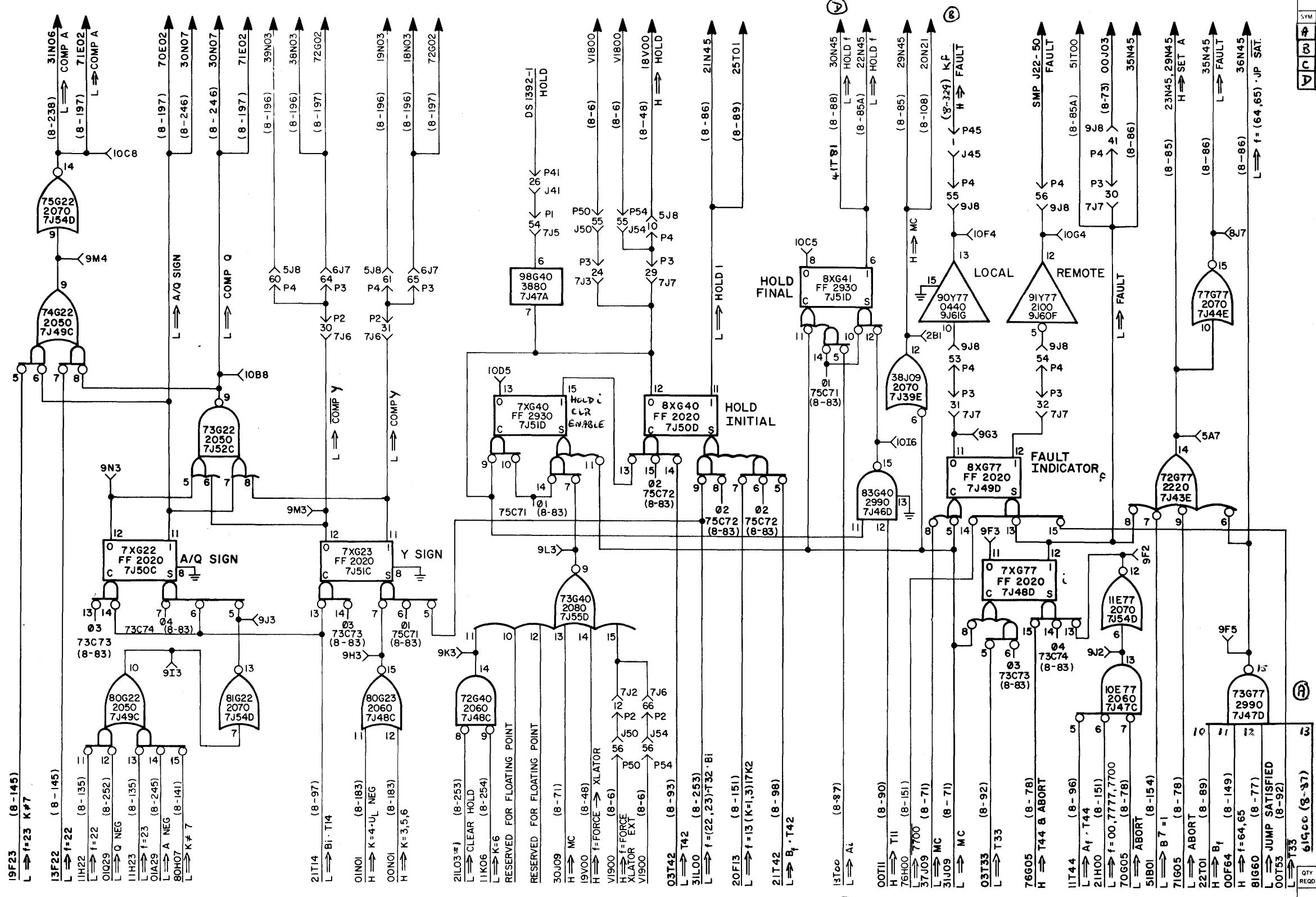
QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNIVAC						
DIVISION OF SPERRY RAND CORPORATION						
DRAFTSMAN R.C. PETERSON			DATE 12-9-66		TITLE FUNCTIONAL SCHEMATIC, ABORT LOGIC	
CHECKER R.E. STRELNIEKS			DATE 3-31-67		ENGINEER J. LAMBING	
APPROVAL <i>J. Lambing</i>			DATE 3-31-67		CODE IDENT NO. 90536	
COMMODITY CODE			FINISH		SIZE D	
APPLICATION			MATERIAL		DWG NO. 7075172	
EQUIPMENT			FINISH		SCALE	
NEXT ASSY			MATERIAL		WEIGHT	
EQUIPMENT			FINISH		SHEET 1 OF 1	

IDENT NO. 7075172-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION
A	E13465		HOLD B FINAL MOD
B	4777		H642B FAULT ALARM AND TEST POINTS.
C	0091		HOLD FINAL TIMING MOD
D	0092		ABORT MOD



QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

FIGURE 8-79

IDENT NO. 7075173-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		MATERIAL	FINISH	DATE		CLASS	
DIMENSION IN INCHES	TOLERANCE			DATE	CLASS		
2 PLACE DECIMALS	± .005	UNLESS OTHERWISE SPECIFIED		12-7-66	A	UNIVAC	DIVISION OF SPERRY RAND CORPORATION
3 PLACE DECIMALS	± .0005						
ANGLES	± .001						
HOLE DIAMETER TOLERANCE	± .001	LAYOUT		DRAFTSMAN	G.S. WHEBBE		
0 THRU .250	± .001			CHECKER	B. POPOV		
.251 THRU .375	± .0005			ENGINEER	J. LAMBING		
.376 & LARGER	± .001			APPROVAL	<i>[Signature]</i>		
THREADS: EXT. CL. INT. CL. 2B		THREADS: EXT. CL. INT. CL. 2B		CODE IDENT NO.	90536	SIZE	D
				DWG NO.	7075173		
				SCALE		WEIGHT	SHEET OF

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71687	SEE EIR	BA/mb/65 MMB
B		77401	SEE EIR	BA/mb/65 BWP
C		3308	COMPUTER TIMING CORRECTION	

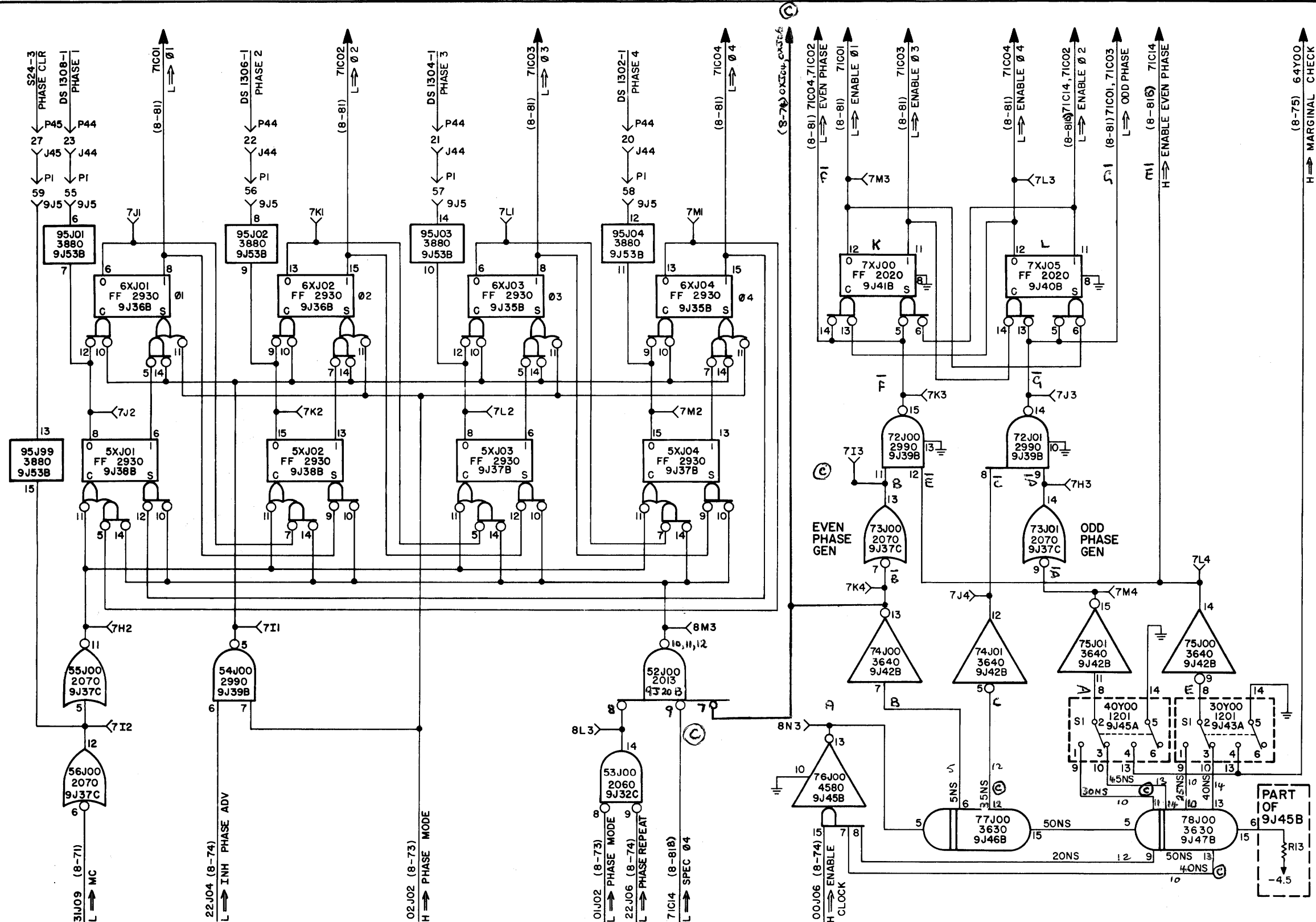


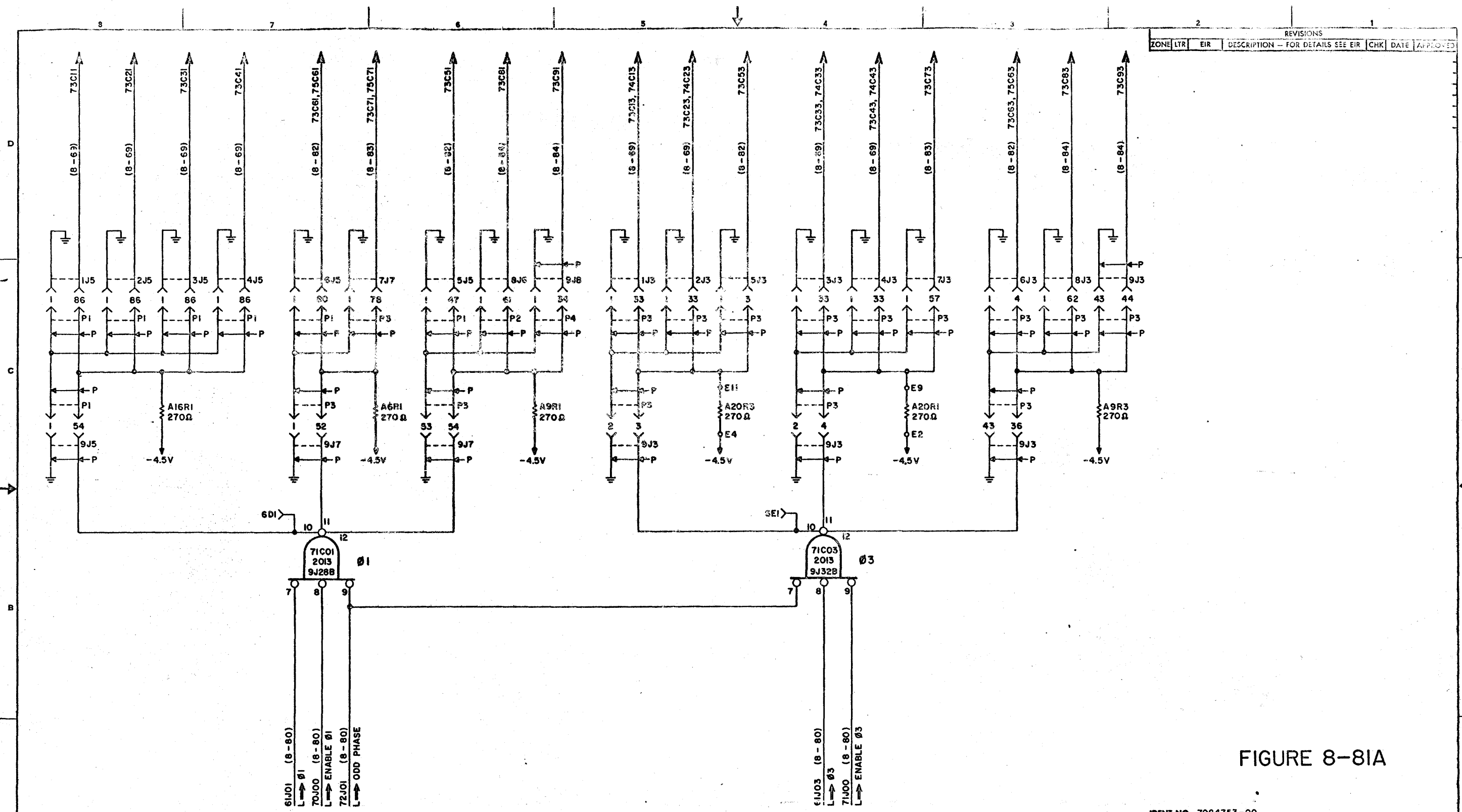
FIGURE 8-80

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
			DATE		CLASS	
			3-10-65		A	
			DRAFTSMAN		TITLE	
			ROLAN BITZER		FUNCTIONAL SCHEMATIC, MASTER CLOCK	
			CHECKER		ENGINEER	
			B. POPOV		D. HAIR	
			APPROVAL		CODE IDENT NO.	
			[Signature]		90536	
			DATE		SIZE	
			9-15-65		D	
			DWG NO.		PART OR IDENTIFYING NO.	
					7032695	
			SCALE		WEIGHT	
					SHEET 1 OF 1	

IDENT NO. 7032695-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION. THE ORIGINAL DOCUMENT IS UNCLASSIFIED AND IS BEING FURNISHED PURSUANT TO THE FOLLOWING EXECUTIVE ORDER: ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN ARE UNCLASSIFIED AND MARKED UNCLASSIFIED FOR THE PURPOSES OF THE NATIONAL ARCHIVES, THE ABOVE INFORMATION IS UNCLASSIFIED BY THE NATIONAL DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED:	
DIMENSION IN INCHES	TOLERANCE ON
2 PLAC	3 PLAC
DECIMALS	DECIMALS
ANGLES	ANGLES
HOLE DIAMETER TOLERANCE	
0.001	0.001
0.002	0.002
0.003	0.003
0.004	0.004
0.005	0.005
0.006	0.006
0.007	0.007
0.008	0.008
0.009	0.009
0.010	0.010
0.011	0.011
0.012	0.012
0.013	0.013
0.014	0.014
0.015	0.015
0.016	0.016
0.017	0.017
0.018	0.018
0.019	0.019
0.020	0.020
0.021	0.021
0.022	0.022
0.023	0.023
0.024	0.024
0.025	0.025
0.026	0.026
0.027	0.027
0.028	0.028
0.029	0.029
0.030	0.030
0.031	0.031
0.032	0.032
0.033	0.033
0.034	0.034
0.035	0.035
0.036	0.036
0.037	0.037
0.038	0.038
0.039	0.039
0.040	0.040
0.041	0.041
0.042	0.042
0.043	0.043
0.044	0.044
0.045	0.045
0.046	0.046
0.047	0.047
0.048	0.048
0.049	0.049
0.050	0.050
0.051	0.051
0.052	0.052
0.053	0.053
0.054	0.054
0.055	0.055
0.056	0.056
0.057	0.057
0.058	0.058
0.059	0.059
0.060	0.060
0.061	0.061
0.062	0.062
0.063	0.063
0.064	0.064
0.065	0.065
0.066	0.066
0.067	0.067
0.068	0.068
0.069	0.069
0.070	0.070
0.071	0.071
0.072	0.072
0.073	0.073
0.074	0.074
0.075	0.075
0.076	0.076
0.077	0.077
0.078	0.078
0.079	0.079
0.080	0.080
0.081	0.081
0.082	0.082
0.083	0.083
0.084	0.084
0.085	0.085
0.086	0.086
0.087	0.087
0.088	0.088
0.089	0.089
0.090	0.090
0.091	0.091
0.092	0.092
0.093	0.093
0.094	0.094
0.095	0.095
0.096	0.096
0.097	0.097
0.098	0.098
0.099	0.099
0.100	0.100



REVISIONS						
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK	DATE	APPROVED

FIGURE 8-81A

IDENT NO. 7084753-00

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOL. 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES + - + - + - HOLE DIA. TOL. 0 THRU .250 .251 THRU .500 .501 AND LARGER +.003 +.005 +.010 -.002 -.003 -.005 THREADS: EXT. CL 2A, INT. CL 2B COMMODITY CODE	LAYOUT	DATE	CLASS
	DRAFTSMAN E. MILLER	10-10-68	A
	CHECKER M. SHULSTAD	RES m.s. 10-16-68	TITLE
	ENGINEER R. CURRIE	RJC 11-5-68	FUNCTIONAL SCHEMATIC, MASTER CLOCK DISTRIBUTION ODD PHASES
APPROVAL J.C. Olson	11-5-68	SIZE	CODE IDENT.
		D	90536
		SCALE	DWG NO.
			7084753
		WEIGHT	SHEET 1 OF 1

DWG. NO. 7084753

DO NOT SCALE THIS PRINT

REVISIONS				
ZONE	LR	EIR	DESCRIPTION - FOR DETAIL'S SEE EIR	CHK DATE APPROVED
17			COMPUTER TIMING CORRECTION	

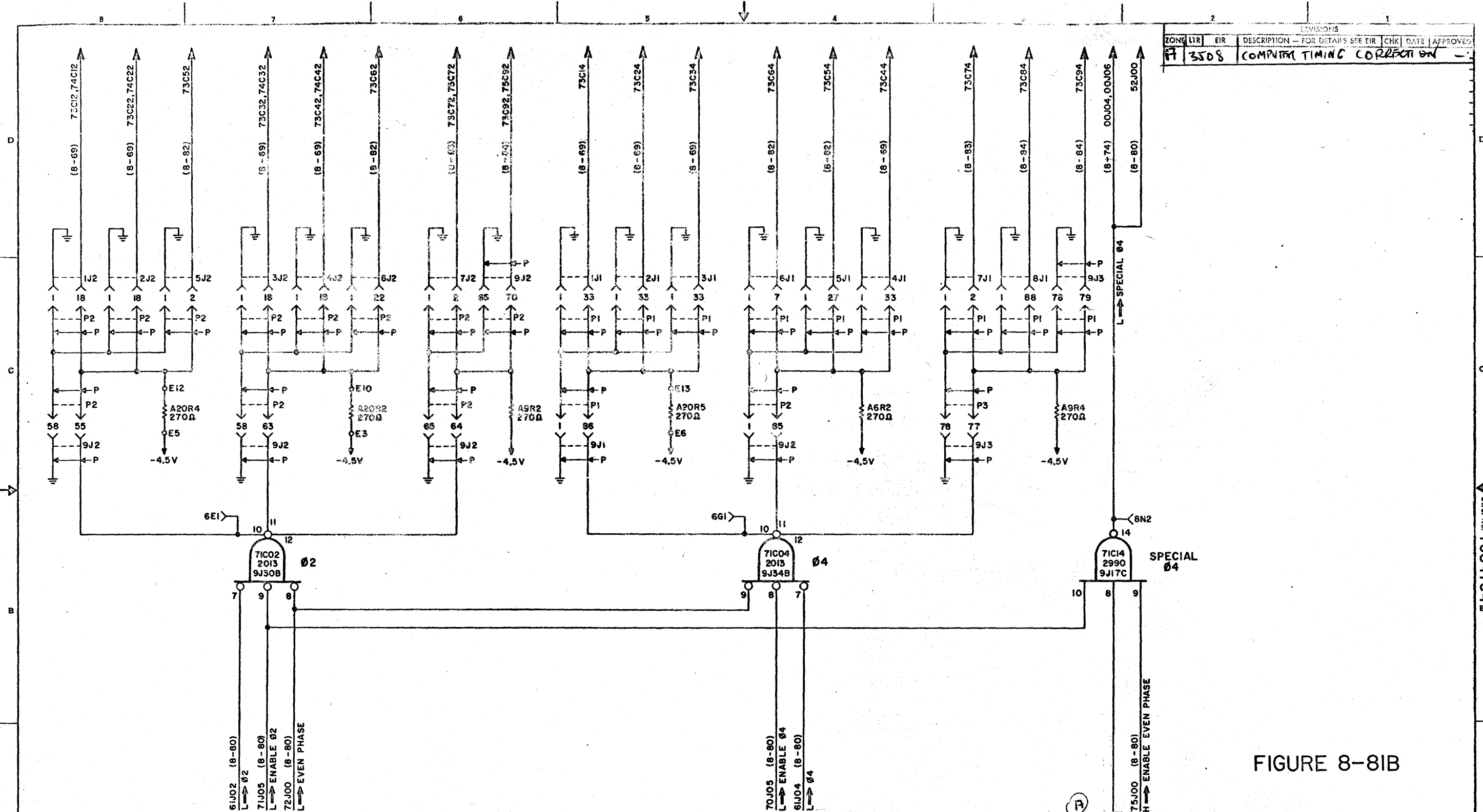


FIGURE 8-81B

UNLESS OTHERWISE SPECIFIED, DIMENSIONS IN INCHES TOL. ON 2 PLACE DECIMALS		LAYOUT	DATE	CLASS	UNIVAC DEFENSE SYSTEMS DIVISION DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55116
HOLE DIA. TOL. 0 THRU .250 +.003 - .002		DRAFTSMAN E. MILLER	10-10-68	A	
.501 AND LARGER +.005 - .003		CHECKER M. SHULSTAD	10-16-68		TITLE FUNCTIONAL SCHEMATIC, MASTER CLOCK DISTRIBUTION EVEN PHASES
THREADS: EXT. CL 2A, INT. CL 2B		ENGINEER R. CURRIE	11-8-68		SIZE D
COMMODITY CODE		APPROVAL J.C. Olson	11-5-68		CODE IDENT. NO. 90526
					DWG NO. 7084754
					SCALE
					WEIGHT
					SHEET 1 OF 1

IDENT NO. 7084754-00

DO NOT SCALE THIS PRINT

DWG. NO. 7084754a

REVISIONS				
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK DATE APPROVED

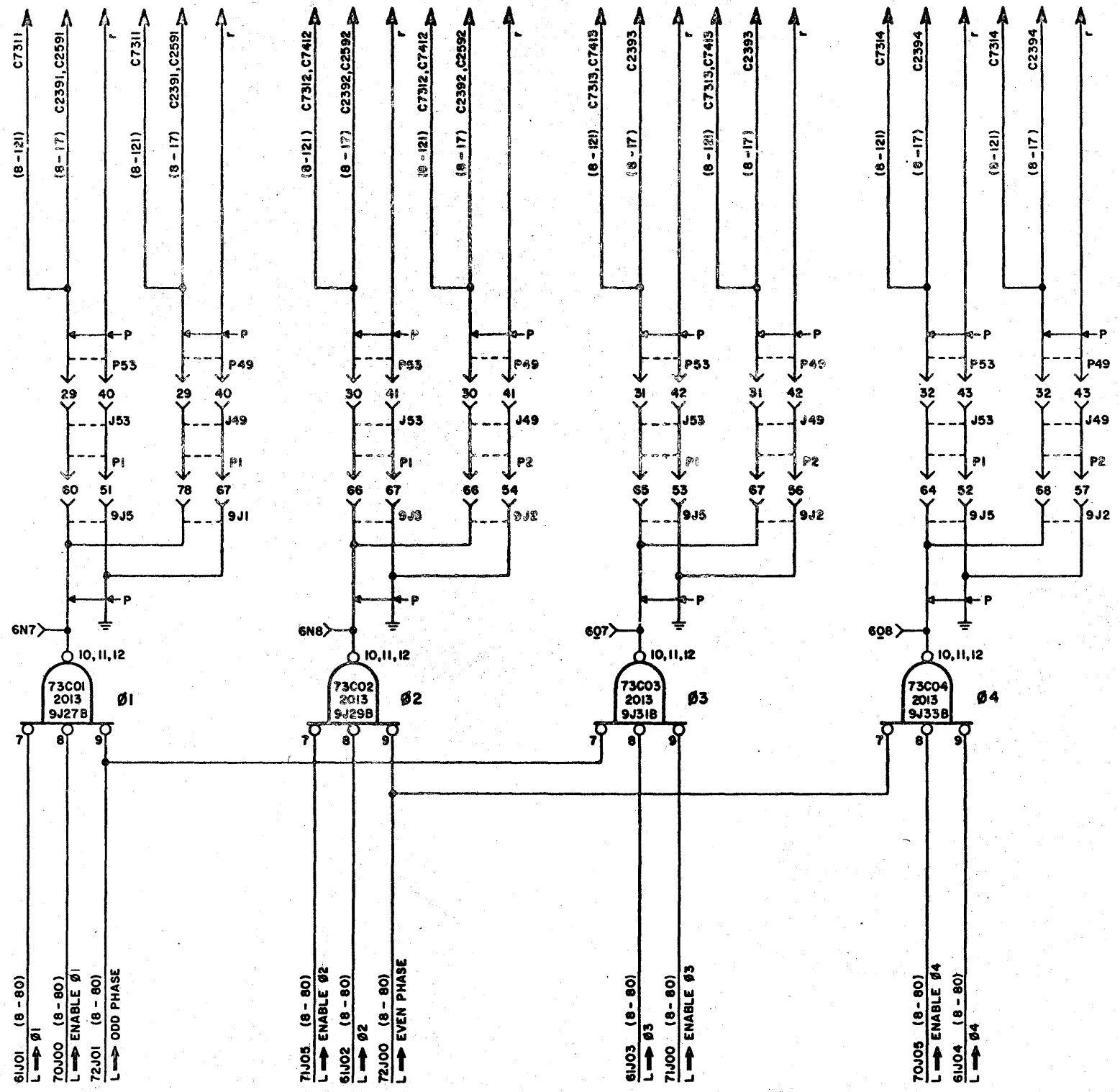


FIGURE 8-81C

IDENT NO. 7084755-00

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOL. ON 2 PLACE 3 PLACE DECIMALS DECIMALS ANGLES + + + - - -	LAYOUT	DATE	CLASS	UNIVAC DEFENSE SYSTEMS DIVISION DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55118
	DRAFTSMAN E. MILLER	10-11-68	A	
HOLE DIA. TOL. 0 THRU .251 X THRU .501 AND LARGER + .003 + .005 + .010 - .002 - .003 - .005	CHECKER M. SHULSTAD	10-12-68	TITLE	FUNCTIONAL SCHEMATIC, MASTER CLOCK DISTRIBUTION TO EMU
THREADS: EXT. CL 2A, INT. CL 2B COMMODITY CODE	ENGINEER R. CURRIE	11-5-68	SIZE	
	APPROVAL <i>R. Currie</i>	11-5-68	NO.	DWG NO.
			D	7084755
			SCALE	WEIGHT
				SHEET 1 OF 1

DO NOT SCALE THIS PRINT

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A	3508		COMPUTER TIMING CORRECTION.	
B				

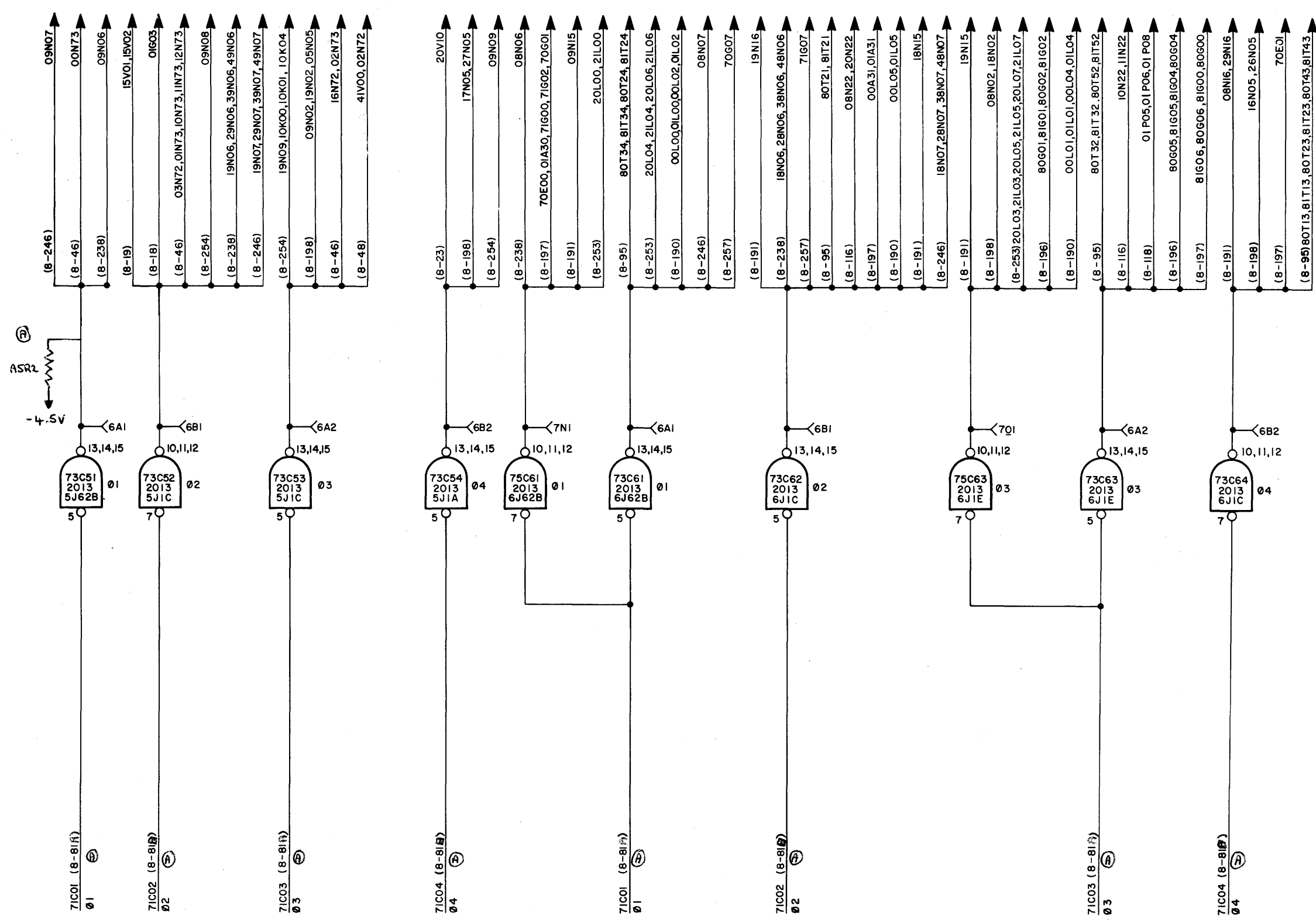


FIGURE 8-82

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						

IDENT NO. 7075175-00

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UNLESS OTHERWISE SPECIFIED		
DIMENSION IN INCHES. TOLERANCE OR		
2 PLACE DECIMALS	3 PLACE DECIMALS	ANGLES
=	=	=
HOLE DIAMETER TOLERANCE		
0 THRU .250	.251 THRU .500	.501 & LARGER
+ .003	+ .005	+ .010
-.002	-.005	-.005
THREADS: EXT. CL. 2A, INT. CL. 2B		
MATERIAL		
FINISH		
LAYOUT		
DATE		
CLASS		
DRAFTSMAN		
CHECKER		
ENGINEER		
APPROVAL		
APPLICATION		
COMMODITY CODE		

DATE	CLASS	TITLE
12-10-64	A	FUNCTIONAL SCHEMATIC, CLOCK DISTRIBUTION CHASSIS 586
3-31-47		
3-31-47		
3-31-47		
CODE IDENT NO.	SIZE	DWG NO.
90536	D	7075175
SCALE	WEIGHT	SHEET OF

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION
A	E13314		EXT I/O FIFO Correction
B	E13317		EXT INT HOLD ACTIVE FIFO MOD
C	E13375		S Part 642B EHM INTERFACE MOD
D	E13370		1642B I/O JUMP CORRECTION
E	3508		COMPUTER TIMING CORRECTION

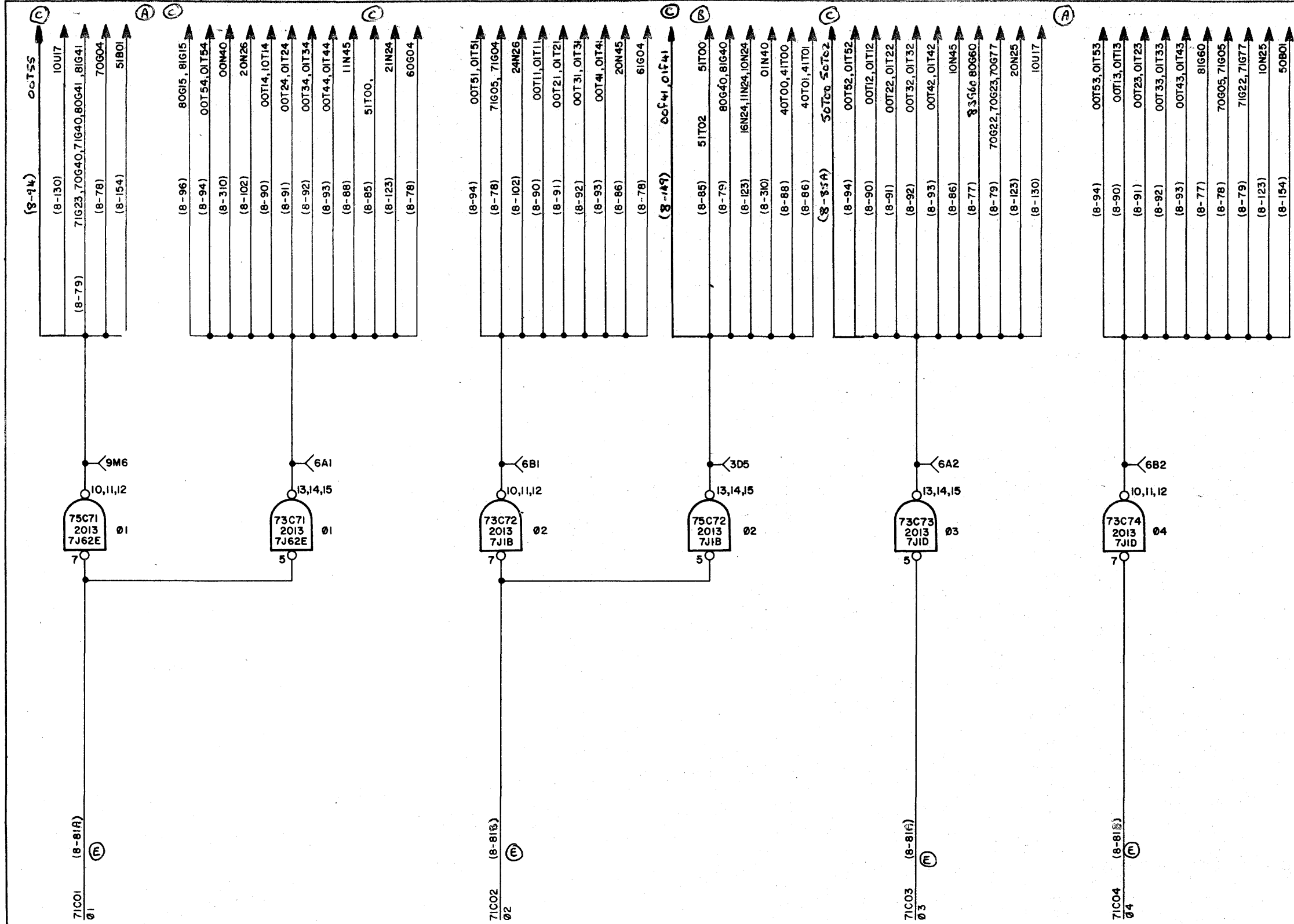


FIGURE 8-83

IDENT NO. 7075176-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNITED STATES GOVERNMENT. IT IS LOANED TO YOU BY THE NATIONAL BUREAU OF STANDARDS AND IS NOT TO BE DISTRIBUTED OUTSIDE YOUR ORGANIZATION. IT IS TO BE RETURNED TO THE NATIONAL BUREAU OF STANDARDS AT THE END OF THE LOAN PERIOD. IT IS TO BE DESTROYED BY THE NATIONAL BUREAU OF STANDARDS AT THE END OF THE LOAN PERIOD.

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			LAYOUT		DATE	
DIMENSION IN INCHES. TOLERANCE ON			R C PETERSON		12-10-6	
2 PLACE DECIMALS ±			CHECKER		2-21-61	
3 PLACE DECIMALS ±			R.E. STRELNIKS		1-31-61	
ANGLES ±			ENGINEER		1-31-61	
HOLE DIAMETER TOLERANCE			APPROVED		1-31-61	
0 THRU .390 ±.003					CODE IDENT NO.	
.391 THRU .500 ±.005					90536	
.501 & LARGER ±.010					D	
THREADS: EXT. CL. 2A, INT. CL. 2B			FINISH		DWG NO.	
MATERIAL			COMMUNITY C/D		7075176	
NEXT ASSY			APPLICATION		SCALE	
FINISH					WEIGHT	
					SHEET: 1 OF 1	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A	E13316		HOLD TIMEOUT MOD		
B	3508		COMPUTER TIMING CORRECTION		
C	4002		CDM9EX STATUS LOGIC CORRECTION		
D	4166		EMU HOLD TIME OUT MOD.		

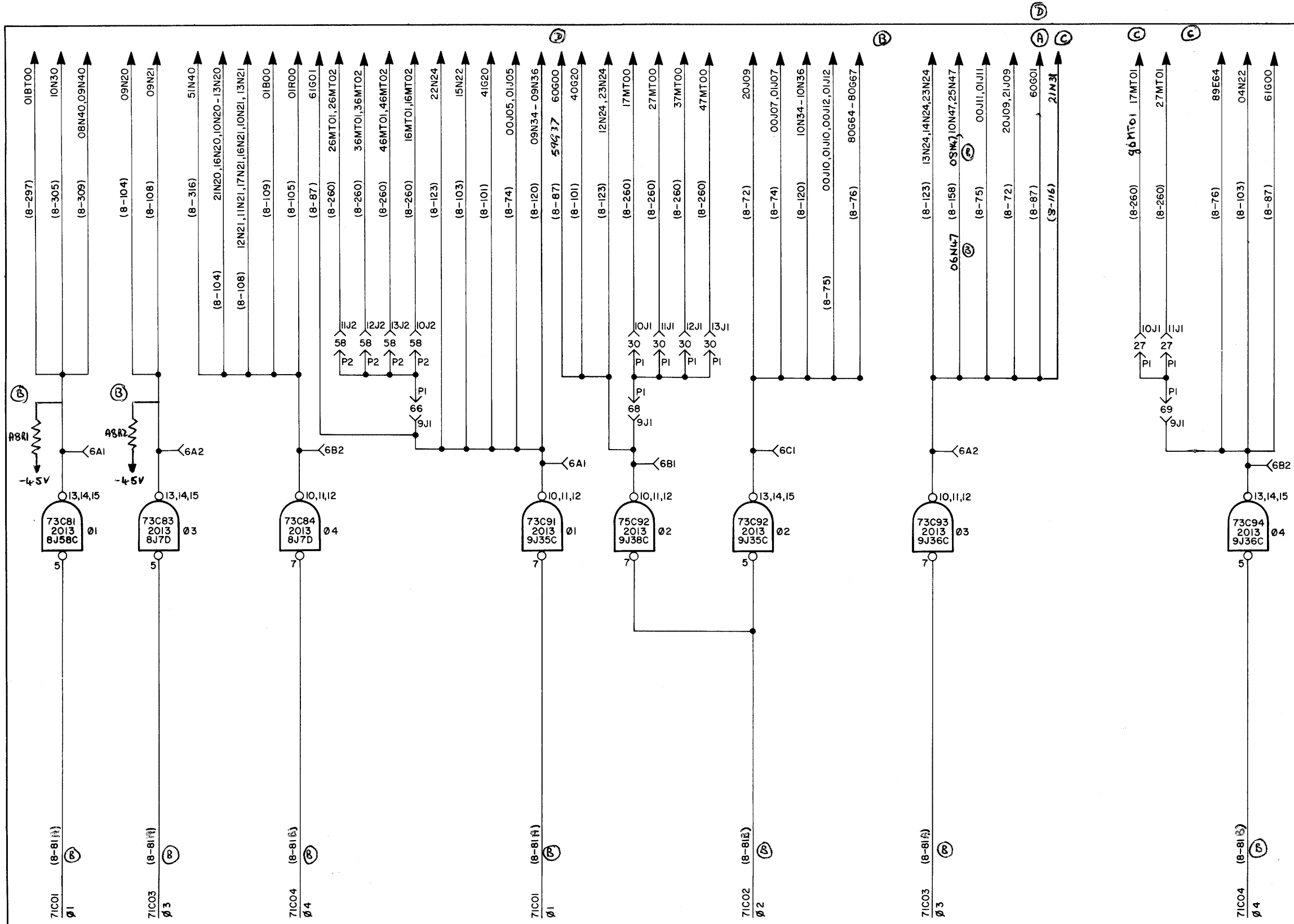


FIGURE 8-84

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							

IDENT NO. 7075177-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS	UNIVAC	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ±		DRAFTSMAN	12-10-66	A	DIVISION OF SPERRY RAND CORPORATION	
HOLE DIAMETER TOLERANCE		R. C. PETERSON			TITLE	
0 THRU .250 ±.003		CHECKER			FUNCTIONAL SCHEMATIC, CLOCK DISTRIBUTION CHASSIS 8 & 9	
.251 THRU .500 ±.005		R. E. STRELNIEKS	3-31-67			
.501 & LARGER ±.010		ENGINEER				
THREADS: EXT. CL 2A, INT. CL 2B		D. HAIR	5-31-67			
MATERIAL		APPROVAL				
FINISH						
NEXT ASSY		APPROVAL		3-31-67	CODE IDENT NO.	SIZE
EQUIPMENT		APPROVAL			90536	D
APPLICATION		APPROVAL			DWG NO.	7075177
COMMODITY CODE		APPROVAL			SCALE	WEIGHT
		APPROVAL			SHEET	OF

REVISIONS						
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK	DATE	APPROVED
A	E13375		5 PART 642 B HD INTERFACE MOD			
R	3557A		CMPI IC 710 INTERRUPT CORRECTION			

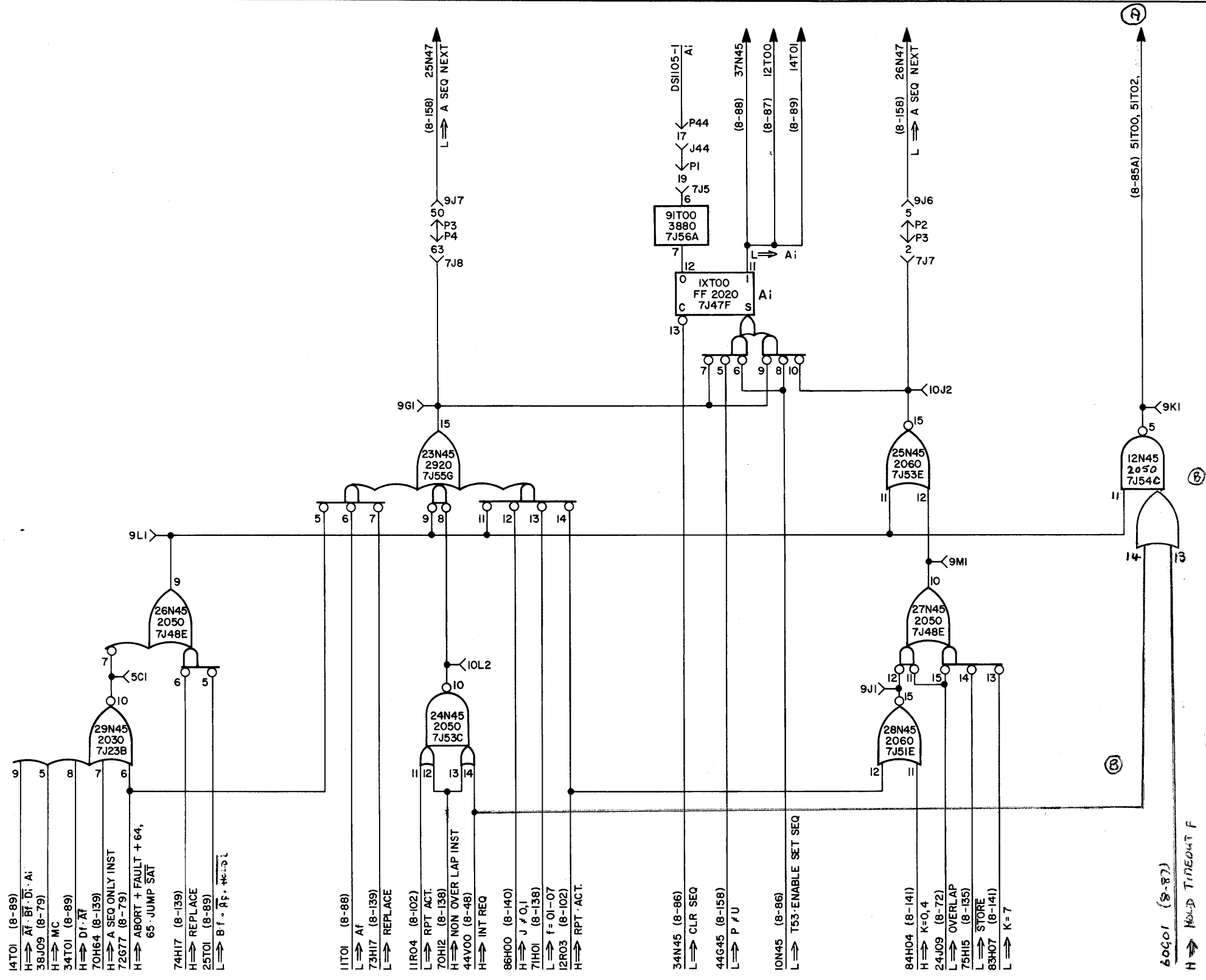


FIGURE 8-85

IDENT NO. 7075178-00

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOL. ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES + .003 + .005 + .010 - .002 - .003 - .005 HOLE DIA. TOL. 0 THRU .251 THRU .501 AND LARGER + .003 + .005 + .010 - .002 - .003 - .005 THREADS: EXT. CL 2A, INT. CL 2B COMMODITY CODE	LAYOUT	DATE	CLASS	UNIVAC DEFENSE SYSTEMS DIVISION <small>DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55116</small> TITLE FUNCTIONAL SCHEMATIC, SEQUENCER INITIAL I SIZE D CODE IDENT. NO. 90536 DWG. NO. 7075178 SCALE WEIGHT SHEET 1 OF 1
	DRAFTSMAN E. BICKETT	12/2/66	A	
	CHECKER B. POPOV	3-31-67		
	ENGINEER D. HAIR	3-31-67		

REVISIONS						
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK	DATE	APPROVED
A	E13215		EMU CHANNEL PRIORITY CHANGE			
B	E13317		EXT INT HOLD ACTIVE FIF HOLD			
C	E13375		S PART 6426 EMU INTERFALE HOLD			

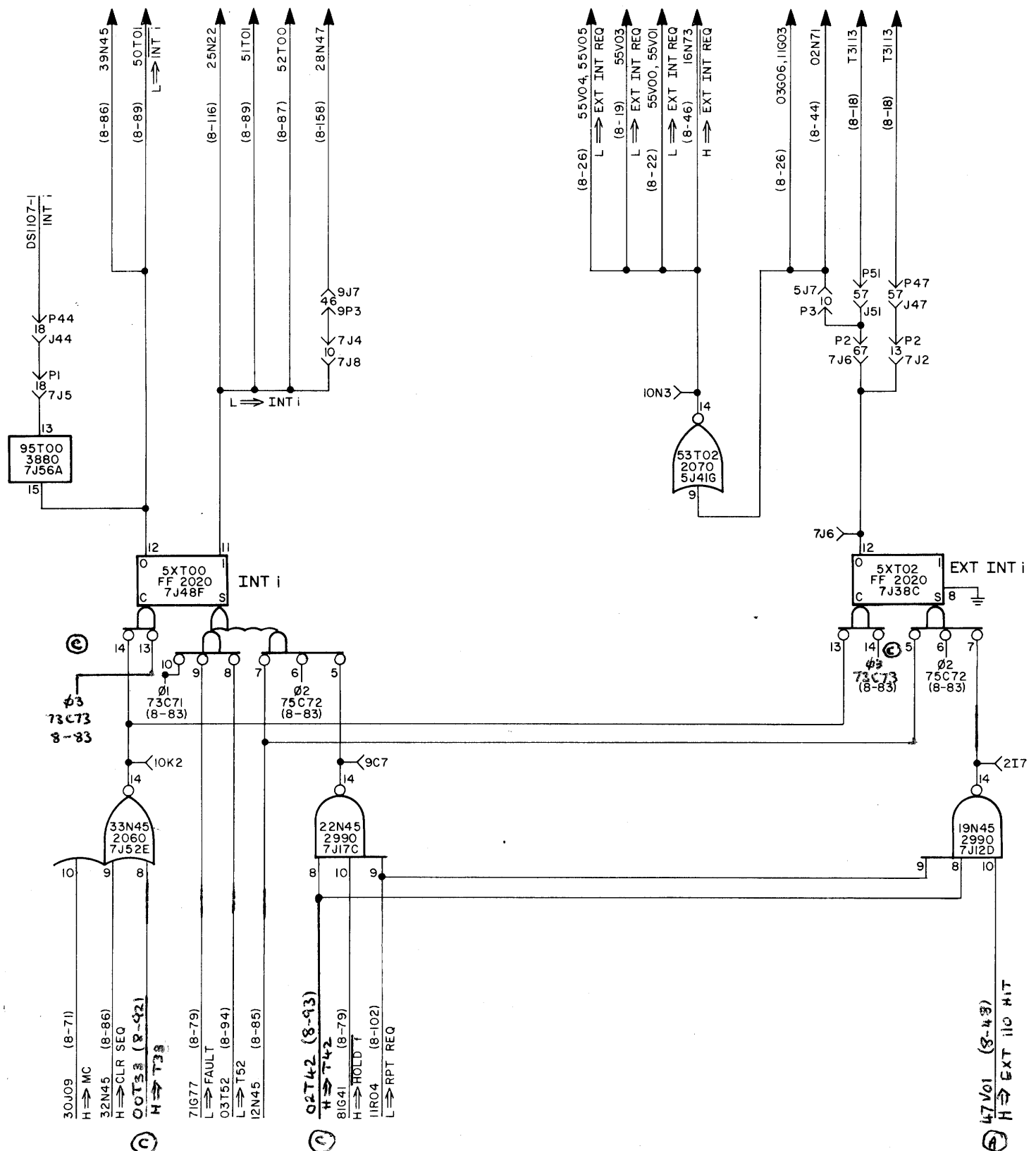


FIGURE 8-85A

IDENT NO. 7075239-00

UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS	UNIVAC DEFENSE SYSTEMS DIVISION	
DIMENSIONS IN INCHES TOL. ON		DRAFTSMAN	12-5-66	A	TITLE	
2 PLACE	3 PLACE	G.S. WHEBBE			FUNCTIONAL SCHEMATIC, SEQUENCER INITIAL IA	
+	+	CHECKER	3-31-67		SIZE	
-	-	B. POPOV			CODE IDENT. DWG NO.	
HOLE DIA. TOL.		ENGINEER	3-31-67		D	90536 7075239
0 THRU .250	.251 THRU .501 AND LARGER	D. FREE			SCALE	WEIGHT
+.003	+.005	APPROVAL	3-31-67			SHEET 1 OF 1
-.002	-.003					
THREADS: EXT. CL 2A, INT. CL 2B						
COMMODITY CODE						

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A	E12621		SR 110 CORRECTION		
B	0092		ABORT MOD		

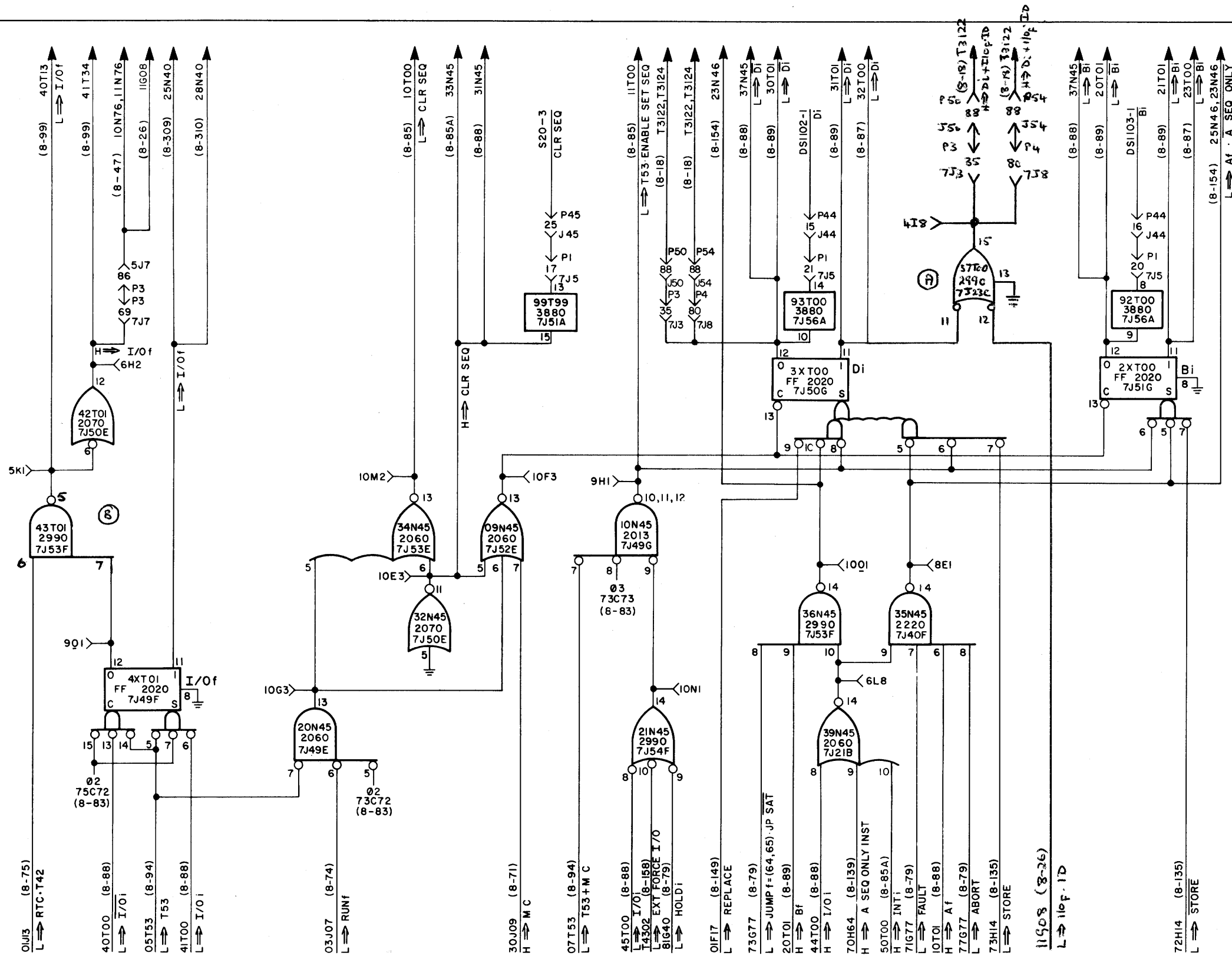


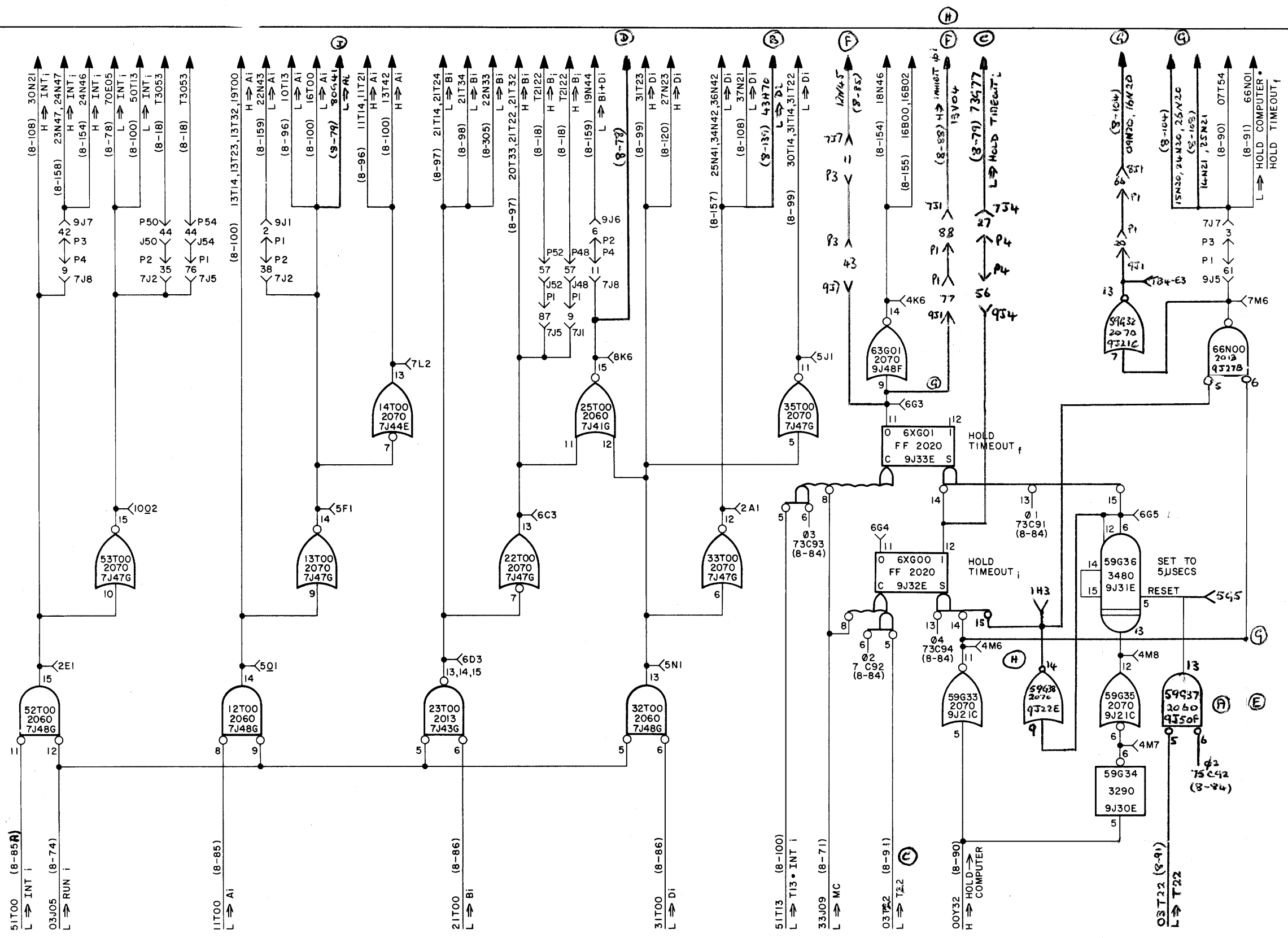
FIGURE 8-86

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
			DATE	CLASS	UNIVAC	
			12-2-66	A	DIVISION OF SPERRY RAND CORPORATION	
			TITLE			
			FUNCTIONAL SCHEMATIC, SEQUENCER INITIAL 2			
			CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7075179	
			SCALE	WEIGHT	SHEET 1 OF 1	

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE OR	
2 PLACE DECIMALS	3 PLACE DECIMALS
± .005	± .002
HOLE DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
+ .003	+ .005
- .002	- .005
THREADS: EXPT. CL. 2A. INT. CL. 2B	
MATERIAL	
FINISH	

IDENT NO. 7075179-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT. IN THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.



REVISIONS						
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK	DATE	APPROVED
A	E13316		HOLD TIMEOUT MOD			
B	E13319		SR110 STORAGE AND TP CORRECTION			
C	E13465		HOLD B FINAL MOD			
D	3749		PREVENT ERRONEOUS ASSERT			
E	4166		EMU HOLD TIMEOUT MOD			
F	3557A		CMP IIC T10 INTERRUPT CORRECTION			
G	4270		HOLD TIMEOUT CORRECTION			
H	0209		642/EMU CONFLICT CHANGE			
J	0091		HOLD FINAL TIMING MOD			

FIGURE 8-87

IDENT NO. 7075180-00

UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN INCHES TOL. ON 2 PLACE 3 PLACE ANGLES DECIMALS DECIMALS	LAYOUT	DATE	CLASS	DEFENSE SYSTEMS DIVISION DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55116
HOLE DIA. TOL. 0 THRU .251 THRU .501 AND LARGER + .003 + .003 + .010 - .002 - .003 - .005	DRAFTSMAN D. RADCLIFFE	12-15-66	A	
THREADS: EXT. CL 2A, INT. CL 2B COMMODITY CODE	CHECKER R. NEWMAN	TWD 8-78	TITLE FUNCTIONAL SCHEMATIC, SEQUENCER, INITIAL DISTRIBUTION	
	ENGINEER D. HAIR	3-31-67	SIZE D	
	APPROVAL <i>[Signature]</i>	3-31-67	CODE IDENT. NO. 90536 DWG. NO. 7075180	

SCALE WEIGHT SHEET 1 OF 1

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVAL
A	E13375		SPART 642B EMU INTERFACE MOD		
B	E13396		COMPUTER I/O MOD		
C	4166		EMU HOLD TIME OUT		
D	0209		642/EMU CONFLICT CHANGE		
E	0092		ABORT MOD		

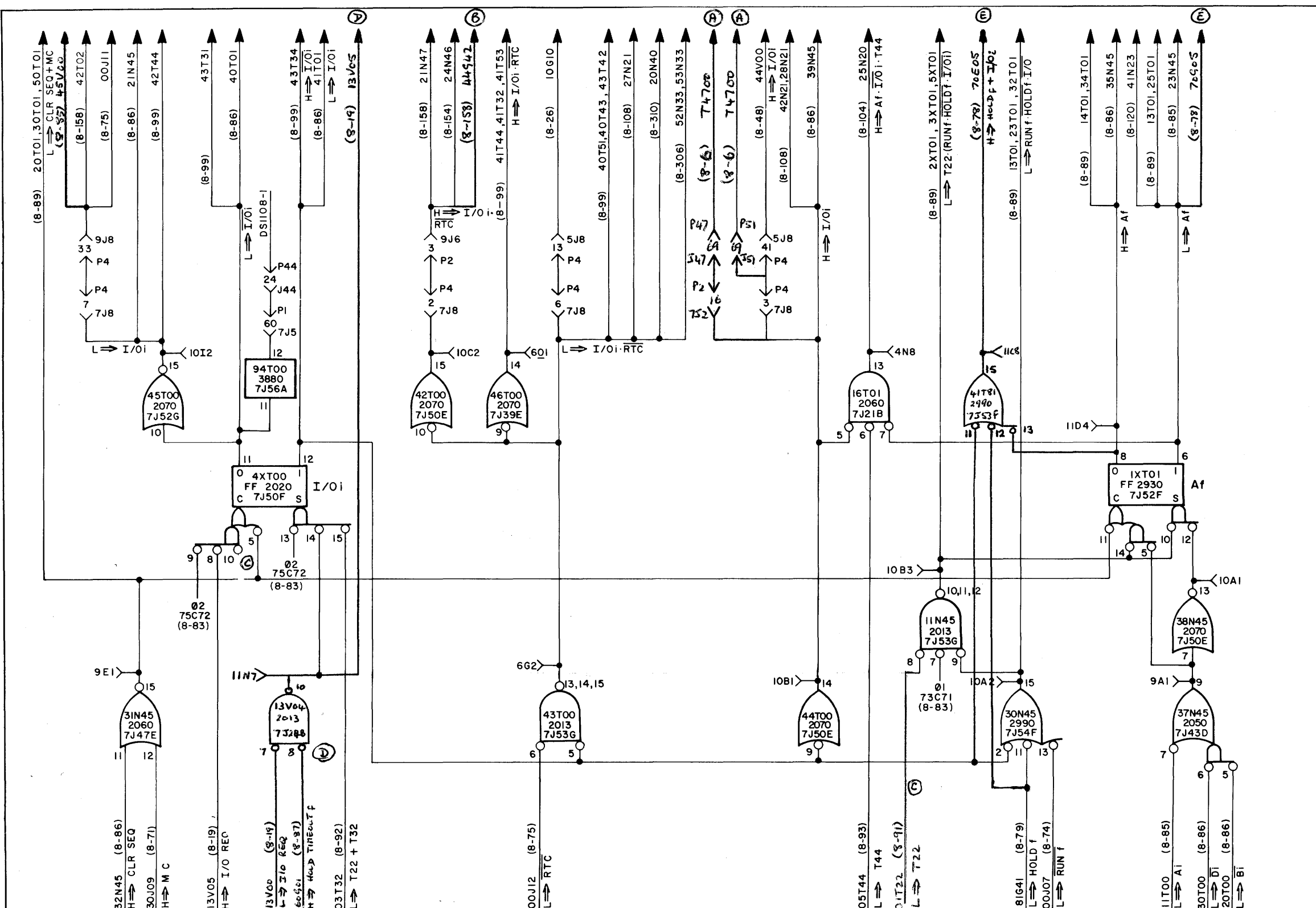


FIGURE 8-88

IDENT NO. 7075181-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED		LIST OF MATERIAL	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ±		PART OR IDENTIFYING NO.	
DIMENSION IN INCHES. TOLERANCE ON 3 PLACE DECIMALS ±		NOMENCLATURE OR DESCRIPTION	
HOLE DIAMETER TOLERANCE		CLASS	
0 THRU .250 ±.003		A	
.251 THRU .500 ±.005		UNIVAC	
.501 & LARGER ±.010		DIVISION OF SPERRY RAND CORPORATION	
THREADS: EXT. CL. 2A, INT. CL. 2B		DATE	
MATERIAL		12-10-67	
FINISH		CLASS	
NEXT ASSY		A	
EQUIPMENT		TITLE	
APPLICATION		FUNCTIONAL SCHEMATIC, SEQUENCER FINAL I	
COMMODITY CODE		CHECKER	
		B. POPOV	
		ENGINEER	
		D. HAIR	
		APPROVAL	
		3-31-67	
		CODE IDENT NO.	
		90536	
		SIZE	
		D	
		DWG NO.	
		7075181	
		SCALE	
		WEIGHT	
		SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A	E13321		17 BIT MODE INTERRUPT JUMP	
B	E13355		I/O CONTROL MEMORY ADDRESS - EHU	
C	3799		PREVENT ERRONEOUS ABORT	
D	0092		ABORT MOD	

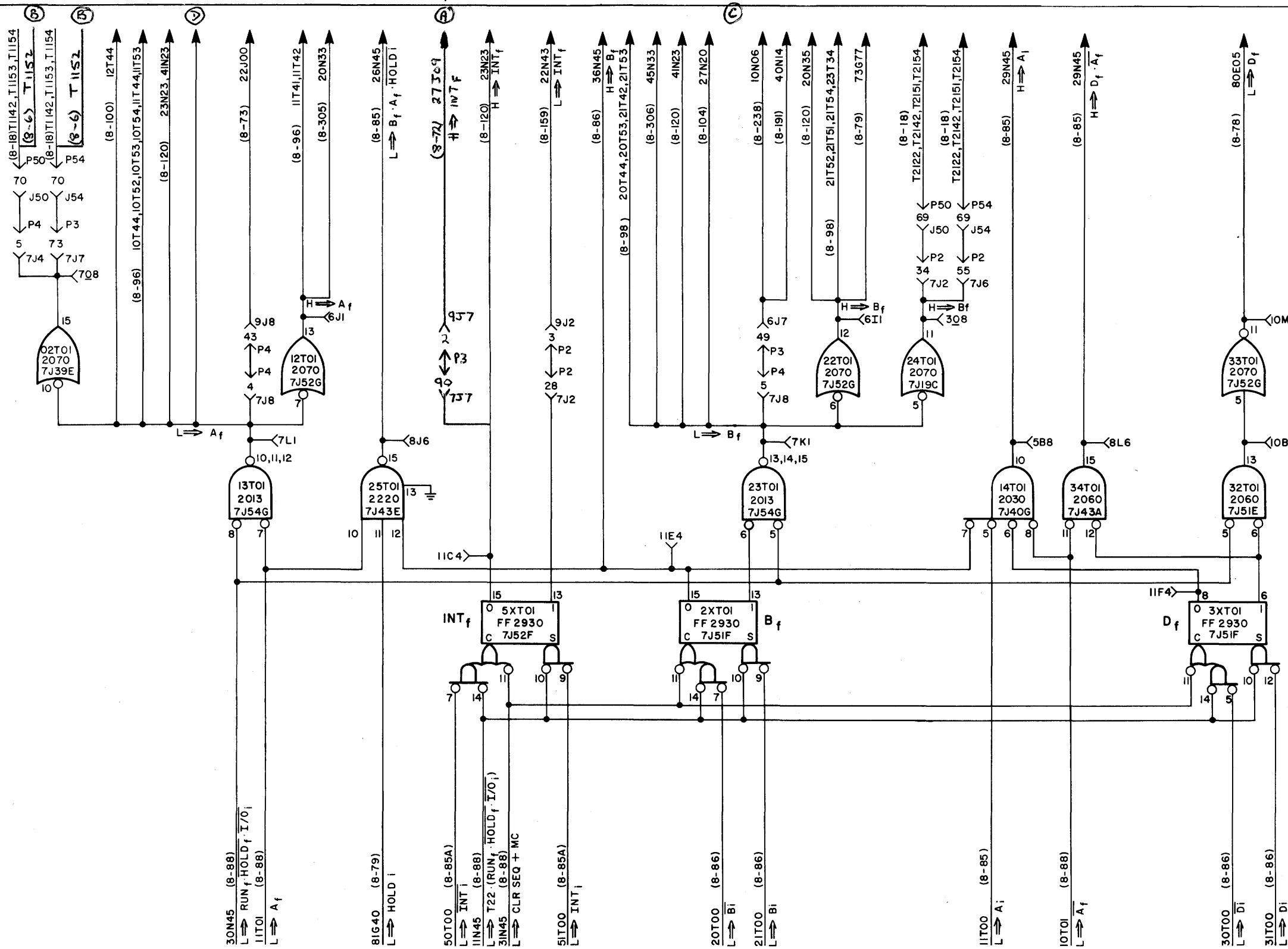


FIGURE 8-89

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
			DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION	
			12-11-66	A	TITLE	
					FUNCTIONAL SCHEMATIC, SEQUENCER FINAL 2	
					CODE IDENT NO.	SIZE DWG NO.
					90536	D 7075182
					SCALE	WEIGHT SHEET OF

IDENT NO. 7075182-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT.

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UNLESS OTHERWISE SPECIFIED		
DIMENSION IN INCHES. TOLERANCE ON		
2 PLACE DECIMALS	3 PLACE DECIMALS	ANGLES
± .005	± .002	± .010
HOLE DIAMETER TOLERANCE		
0 THRU .250	.251 THRU .500	.501 & LARGER
+ .003	+ .002	+ .010
- .002	- .003	- .005
THREADS: EXCEPT AS INT. CL. 2B		
MATERIAL		
FINISH		
LAYOUT	DATE	CLASS
DRAFTSMAN	12-11-66	A
CHECKER		
ENGINEER		
APPROVAL		
NEXT ASST	EQUIPMENT	
APPLICATION		
COMMODITY CODE		

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A	E13356		EXT 110 ENABLE CORRECTION		
B	E13375		S PART 642 B EMU INTERFACE MOD		
C	4270		HOLD TIME EXT CORRECTION		
D	4265		11642B TO EMU TIMING MOD		

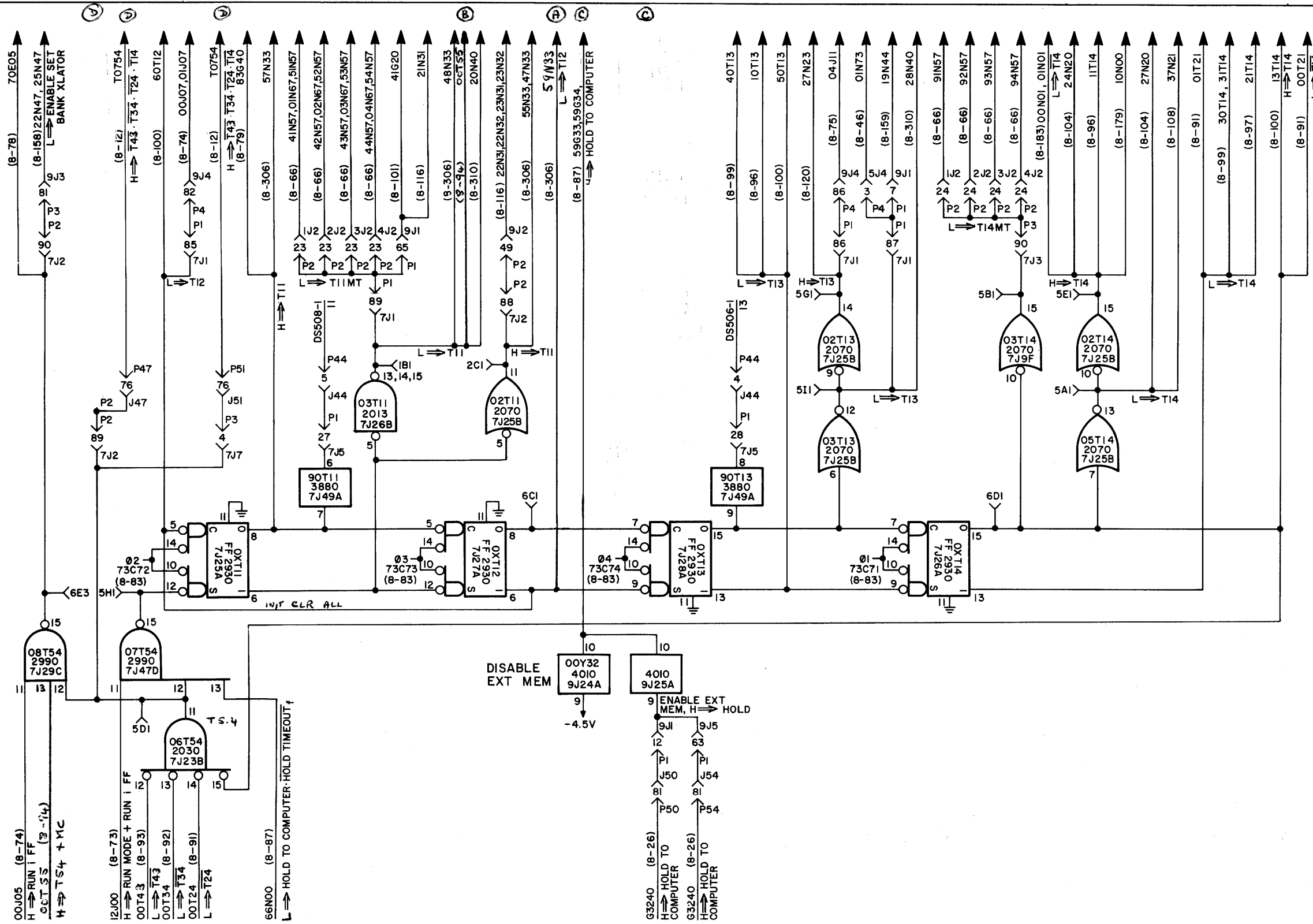


FIGURE 8-90

IDENT NO. 7075183-00

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QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		ANGLES
HOLE DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		.501 & LARGER
THREADS: EXT. CL. 2A, INT. CL. 2B		MATERIAL		FINISH		
NEXT ASSY		EQUIPMENT		APPLICATION		COMMODITY CODE
DATE		CLASS		TITLE		
12-9-66		A		FUNCTIONAL SCHEMATIC, MAIN TIMING CYCLE I		
DRAFTSMAN		CHECKER		ENGINEER		APPROVED
E. BICKETT		B. POPOV		D. FREE		<i>D. Free</i>
3-31-67		3-31-67		3-31-67		
CODE IDENT NO.		SIZE		DWG NO.		
90536		D		7075183		
SCALE		WEIGHT		SHEET 1 OF 1		

REVISIONS				
SYM	ZONE	EIP	DESCRIPTION	DATE
A	E13465		HOLD B FINAL MOD	
B	4166		EMU HOLD TIMEOUT MOD	

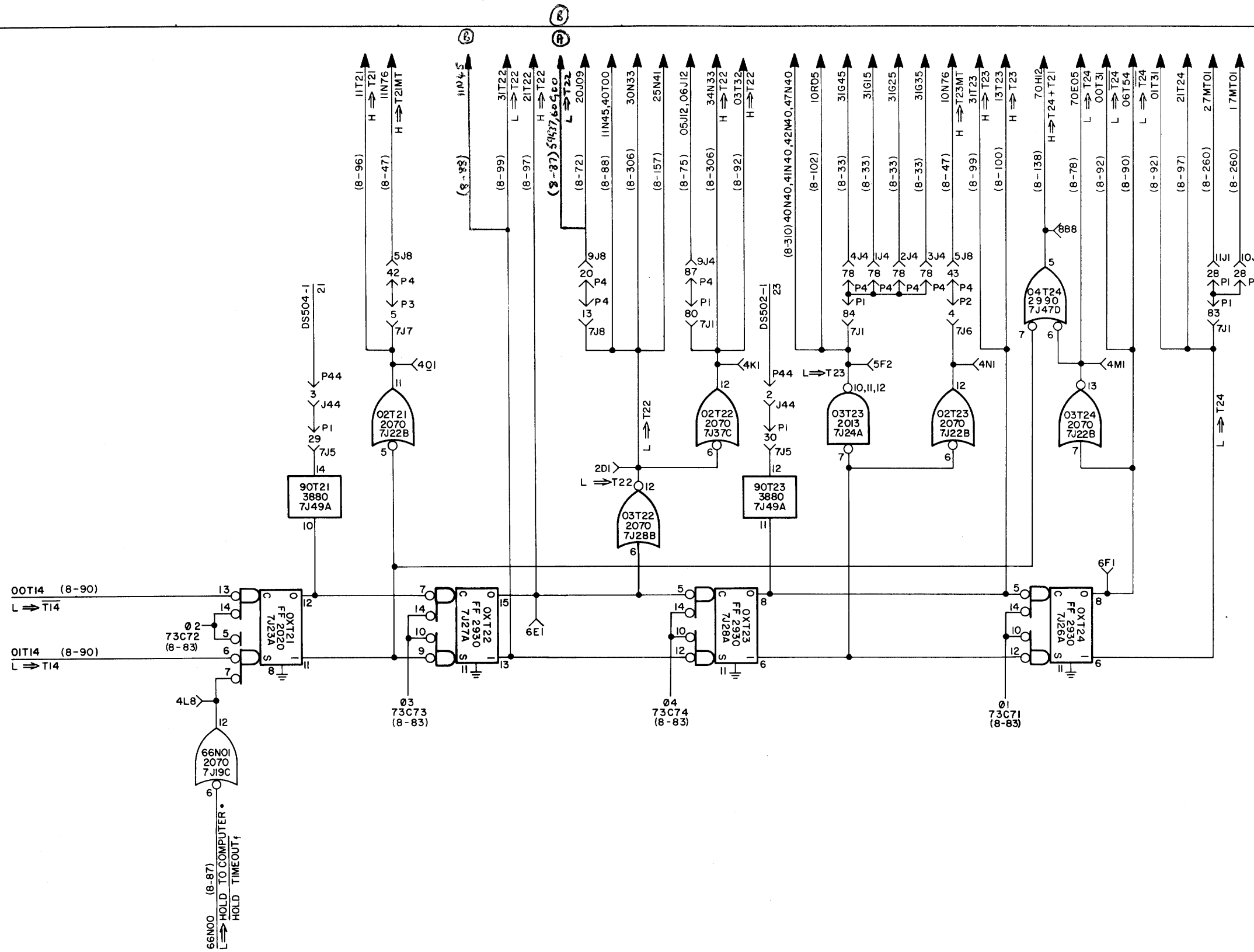


FIGURE 8-91

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
			CLASS	DATE	UNIVAC	
			DRAFTSMAN	12-10-66	FUNCTIONAL SCHEMATIC, MAIN TIMING CYCLE 2	
			CHECKER	3-31-67		
			ENGINEER	3-31-67		
			APPROVAL	3-31-67		
			CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7075184	
			SCALE	WEIGHT	SHEET 1 OF 1	

IDENT NO. 7075184-00

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UNLESS OTHERWISE SPECIFIED		
DIMENSION IN INCHES	TOLERANCE ON	
2 PLACE DECIMALS	3 PLACE DECIMALS	ANGLES
± .005	± .001	± .010
HOLE DIAMETER TOLERANCE		
0 THRU .250	.251 THRU .500	.501 & LARGER
+ .003	+ .005	+ .010
-.002	-.003	-.005
THREADS: EXT. CL. 2A, INT. CL. 2B		
MATERIAL		
FINISH		

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A	E13375		SPART 642B EHM INTERFACE MOD		

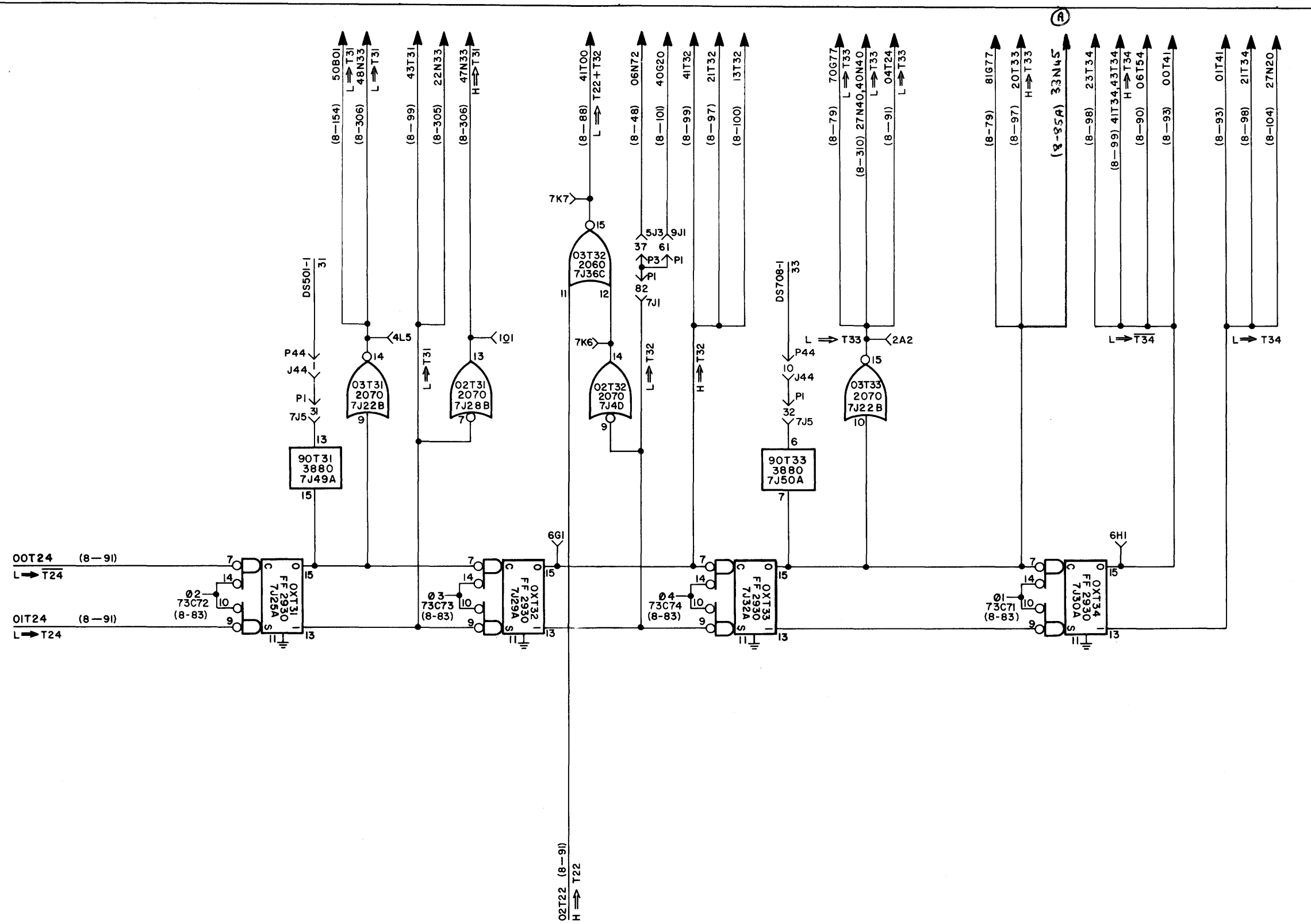


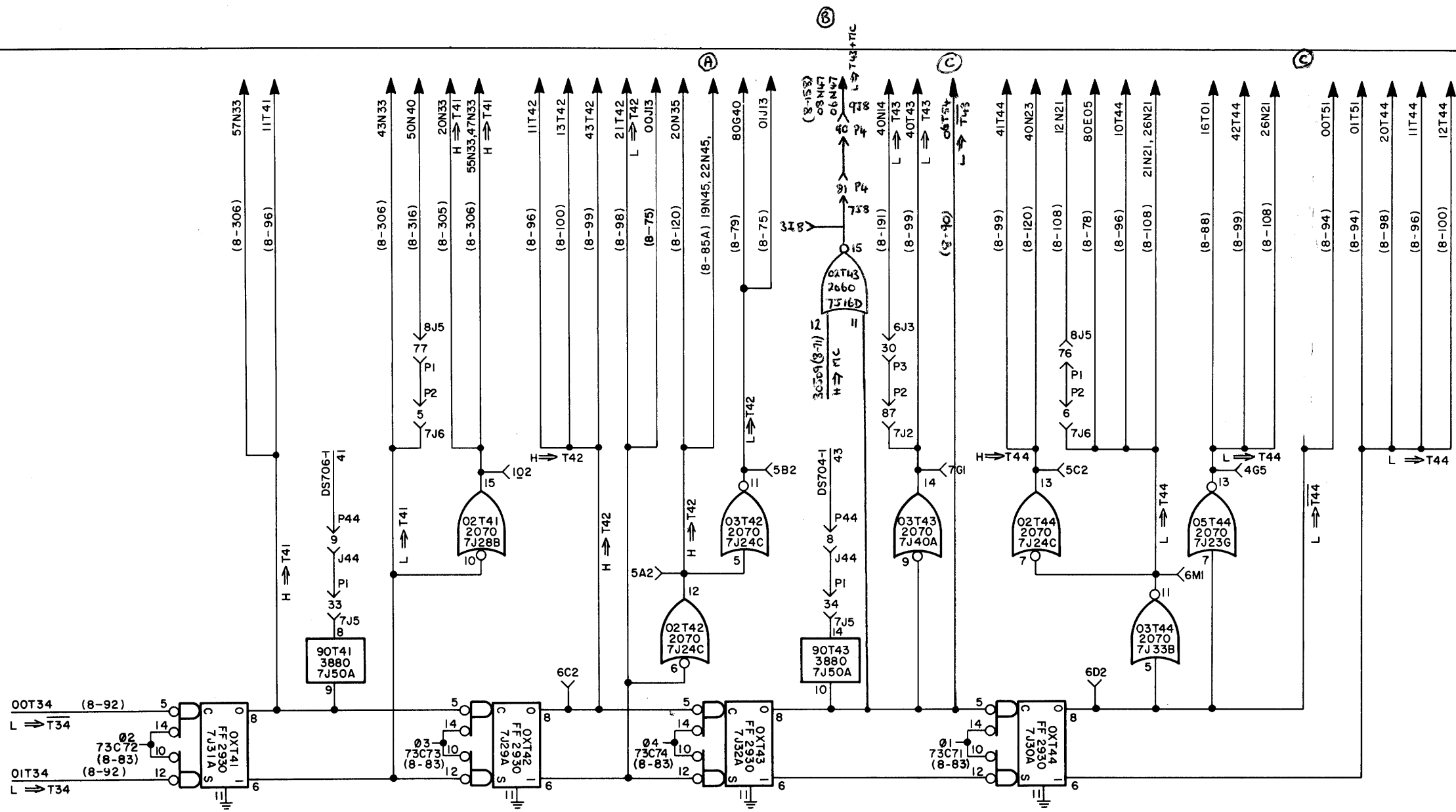
FIGURE 8-92

IDENT NO. 7075243-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON	
2 PLACE DECIMALS	± .005
3 PLACE DECIMALS	± .0005
ANGLES	± .005
HOLE DIAMETER TOLERANCE	
0 THRU .250	± .005
.251 THRU .500	± .002
.501 & LARGER	± .005
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
			CLASS	DATE	TITLE	
			A	2-24-67	FUNCTIONAL SCHEMATIC, MAIN TIMING CYCLE 3	
			DRAFTSMAN		G. HUBER	
			CHECKER		D. ERICKSON	
			ENGINEER		D. FREE	
			APPROVED		<i>[Signature]</i>	
			COMMODITY CODE		APPLICATION	
			CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7075243	
			SCALE	WEIGHT	SHEET OF	



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	E13375		5 PART 642B EHU INTERFACE MOD	
B	3508		COMPUTER TIMING CORRECTION.	
C	4265		M642B to EHU TIMING MOD	

FIGURE 8-93

IDENT NO. 7075185-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS	± .005
DIMENSION IN INCHES. TOLERANCE ON 3 PLACE DECIMALS	± .001
ANGLES	± .010
HOLE DIAMETER TOLERANCE	± .005
0 THRU .250	± .005
.251 THRU .500	± .005
.501 & LARGER	± .010
THREADS: EXT. CL. 2A INT. CL. 2B	
MATERIAL	
FINISH	

LAYOUT	DATE	CLASS
DRAFTSMAN E. BICKETT	12-9-66	A
CHECKER B. POPOV	1-31-67	
ENGINEER D. HAIR	3-31-67	
APPROVED <i>D. Hair</i>	3-31-67	

LIST OF MATERIAL	
CODE IDENT NO.	SIZE
90536	D
DWG NO.	
7075185	
SCALE	WEIGHT
SHEET 1 OF 1	

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
-----	------	---------	------------	----------	-------------------------	-----------------------------

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION
A			HOLD TIME OUT MOD
B			SPART 442 B ENH INTERFACE MOD
C			HOLD B-FINAL MOD
D			COMPUTER TIMING CORRECTION.
E			ENH HOLD TIME OUT MOD
F			REWORK TO ENH TIMING MOD

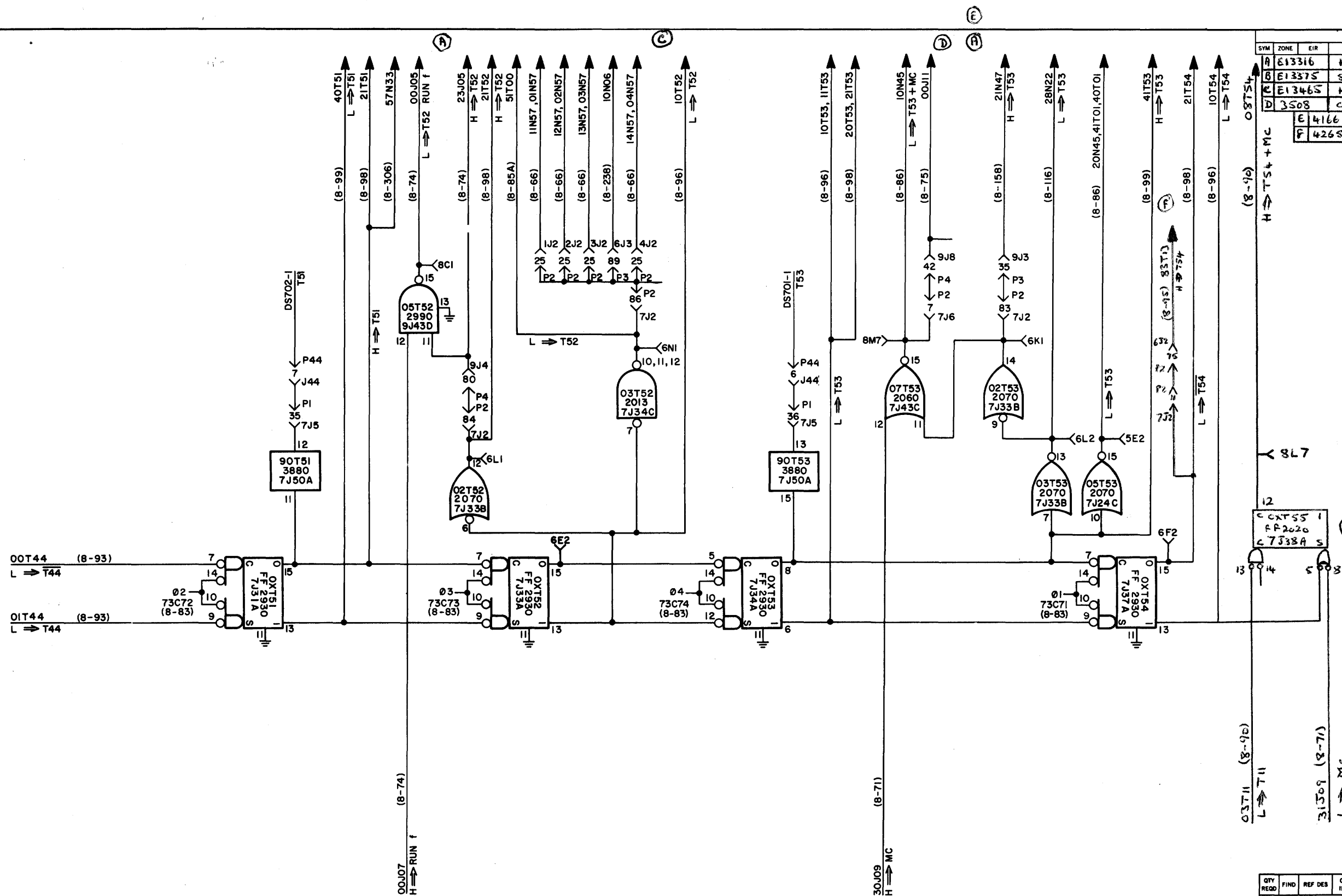


FIGURE 8-94

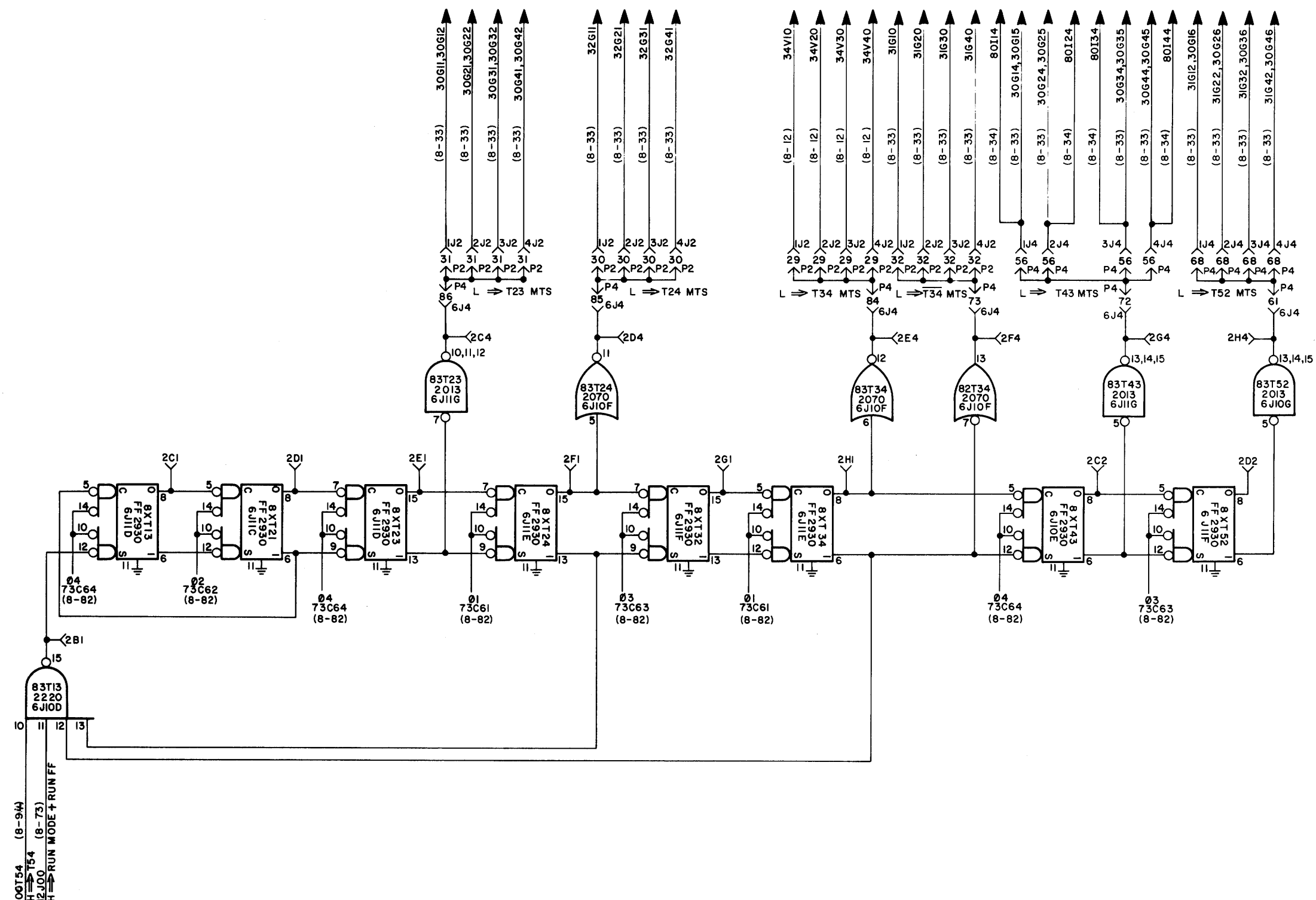
QTY	REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
				CLASS	UNIVAC		
				DRAFTSMAN	E. BICKETT		
				CHECKER	B. POPOV		
				ENGINEER	D. HAIR		
				APPROVAL	<i>[Signature]</i>		
				DATE	2-10-68		
				CLASS	A		
				TITLE	FUNCTIONAL SCHEMATIC, MAIN TIMING CYCLE 5		
				CODE IDENT NO.	SIZE	DWG NO.	
				90536	D	7075186	
				SCALE	WEIGHT	SHEET 1 OF 1	

IDENT NO. 7075186-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005 3 PLACE DECIMALS ± .001 ANGLES ± .010
HOLE DIAMETER TOLERANCE 0 THRU .250 +.003 - .002 .251 THRU .500 +.005 - .002 .501 & LARGER +.010 - .005
THREADS: EXTERNAL, INT CL 2B
MATERIAL
FINISH

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A	4265		17642R To ERM Timing HD			



00T54 (8-94)
H → T54 (8-73)
H → RUN MODE + RUN FF

FIGURE 8-95

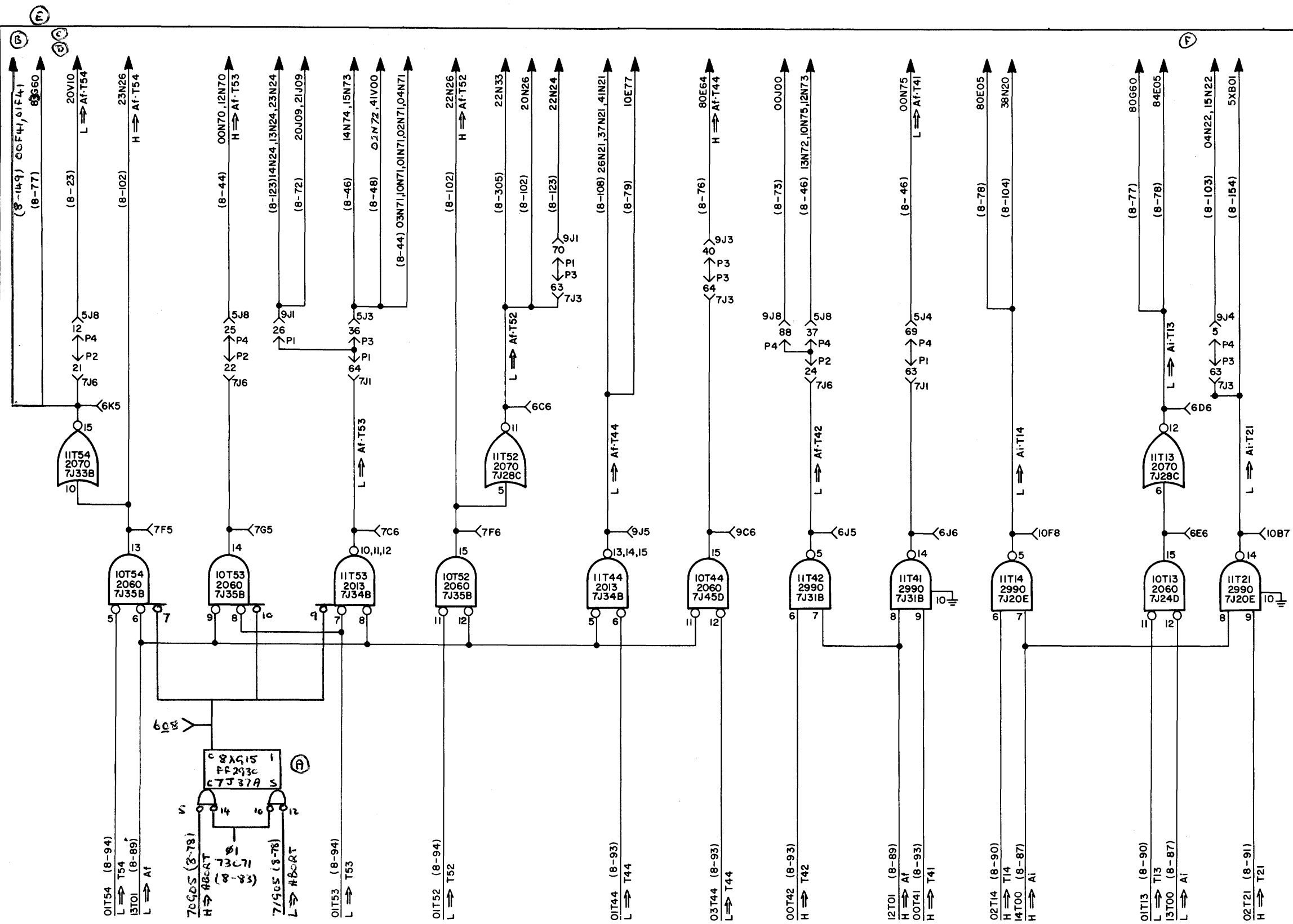
IDENT NO.7032852-00

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QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			LAYOUT			
DIMENSION IN INCHES. TOLERANCE OR 2 PLACE DECIMALS			DATE			
± .005			CLASS			
HOLE DIAMETER TOLERANCE			DRAFTSMAN			
0 THRU .250 ± .003			E.D. OLSON			
.251 THRU .500 ± .005			DATE			
.501 & LARGER ± .010			5-26-65			
THREADS: EXT. CL. 2A, INT. CL. 2B			CHECKER			
			B. POPOV			
			ENGINEER			
			D. HAIR			
			APPROVAL			
			D. W. Hanger			
			DATE			
			9-15-65			
			CODE IDENT NO.			
			90536			
			SIZE			
			D			
			DWG NO.			
			7084761			
			SCALE			
			WEIGHT			
			SHEET 1 OF 1			

UNIVAC
DIVISION OF SPERRY RAND CORPORATION

FUNCTIONAL SCHEMATIC,
MAIN TIMING SPECIAL
USED IN I10



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A	E11933	F=66	LOGIC CORRECTION	
B	E13314		EXT I/O FIF CORRECTION	
C	E13317		EXT INT HOLD ACTIVE FIF MOD	
D	E13375		S PART 642 B ENH INTERFACE MOD	
E	E13730		M642 B I/O JUMP CORRECTION	
F	0091		HOLD FINAL TIMING MOD	

FIGURE 8-96

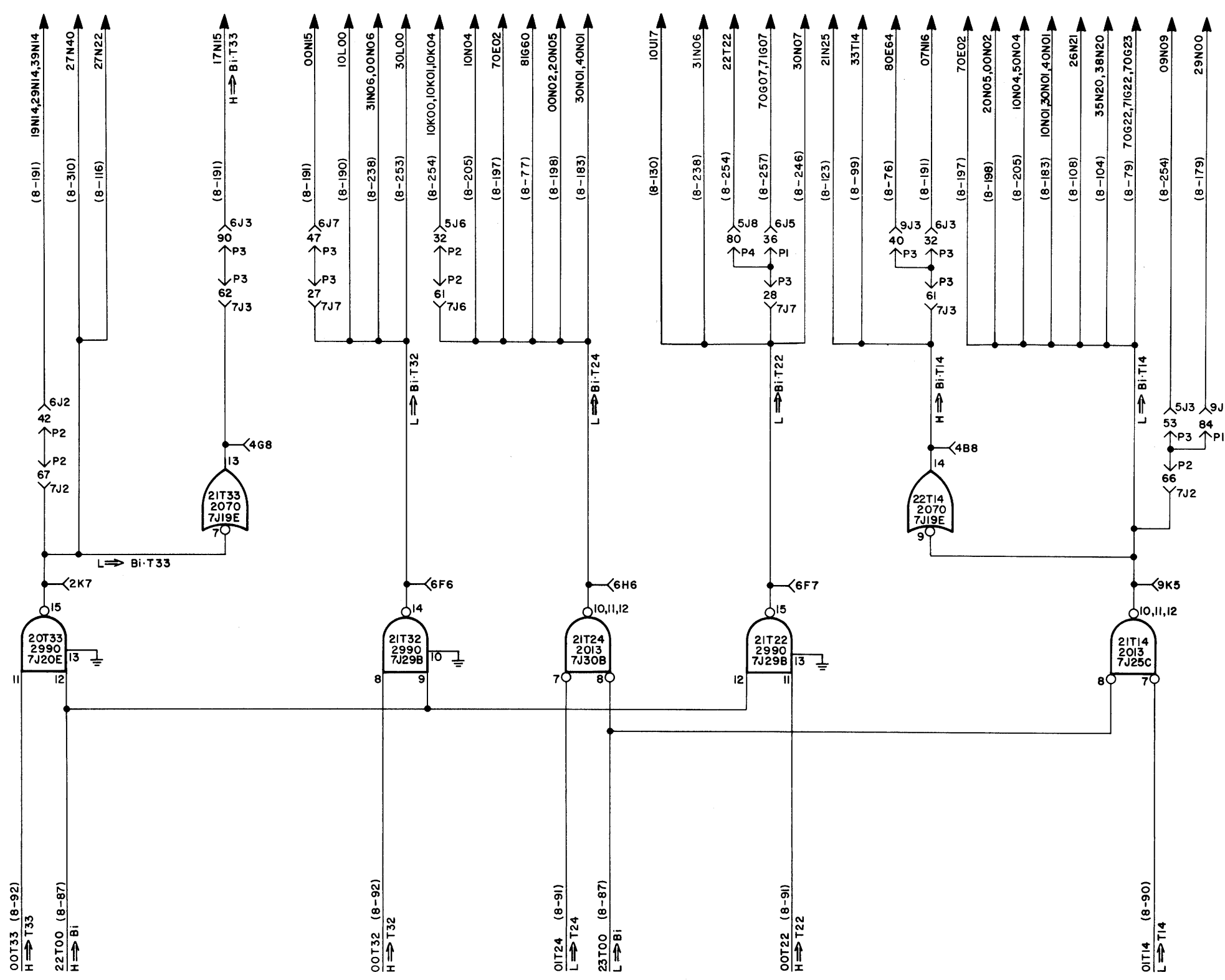
QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							

IDENT NO. 7075245-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE OR		DRAFTSMAN		A
2 PLACE DECIMALS ±		G. HIRSCH	3-7-67	
3 PLACE DECIMALS ±		CHECKER		
ANGLES ±		STRELNIEKS	3-31-67	
HOLE DIAMETER TOLERANCE		ENGINEER		
0 THRU .250 ±.001		D. FREE	3-31-67	
.251 THRU .500 ±.002		APPROV		
.501 THRU .999 ±.003				
1.000 THRU 2.000 ±.004				
2.001 THRU 3.000 ±.005				
3.001 THRU 4.000 ±.006				
4.001 THRU 5.000 ±.007				
5.001 THRU 6.000 ±.008				
6.001 THRU 7.000 ±.009				
7.001 THRU 8.000 ±.010				
8.001 THRU 9.000 ±.011				
9.001 THRU 10.000 ±.012				
LARGER THAN 10.000 ±.015				
THREADS: EXT. CL 2A, INT. CL 2B				
MATERIAL				
FINISH				
NEXT ASSY	EQUIPMENT	CODE IDENT NO. SIZE DWG NO.		
APPLICATION		90536 D 7075245		
COMMODITY CODE		SCALE WEIGHT SHEET OF		



REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

FIGURE 8-97

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						
UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>						
LAYOUT		DATE	CLASS	TITLE		
DRAFTSMAN		3-7-67	A	FUNCTIONAL SCHEMATIC, SEQUENCE TIMING 2		
CHECKER		3-31-67		ENGINEER		
STRELNIEKS		3-31-67		D. FREE		
ENGINEER		3-31-67		APPROVED		
D. FREE		3-31-67		CODE IDENT NO.		
				90536		
COMMODITY CODE		FINISH	SIZE	DWG NO.		
				D 7075248		
SCALE		WEIGHT	SHEET		OF	

IDENT NO. 7075248-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON	ANGLE
2 PLACE DECIMALS	±
3 PLACE DECIMALS	±
HOLE DIAMETER TOLERANCE	
0 THRU .250	± .010
.251 THRU .500	± .005
.501 & LARGER	± .010
THREADS: EXT. CL 2A, INT CL 2B	
MATERIAL	
FINISH	

REVISIONS					
SYM	ZONE	EM	DESCRIPTION	DATE	APPROVED
A		71688	SEE EIR	8/10/25/65	[Signature]
B	E13313		13,17K2 INSTRUCTION CORRECTION.		
C	3799		PREVENT ERRONEOUS ALERT		

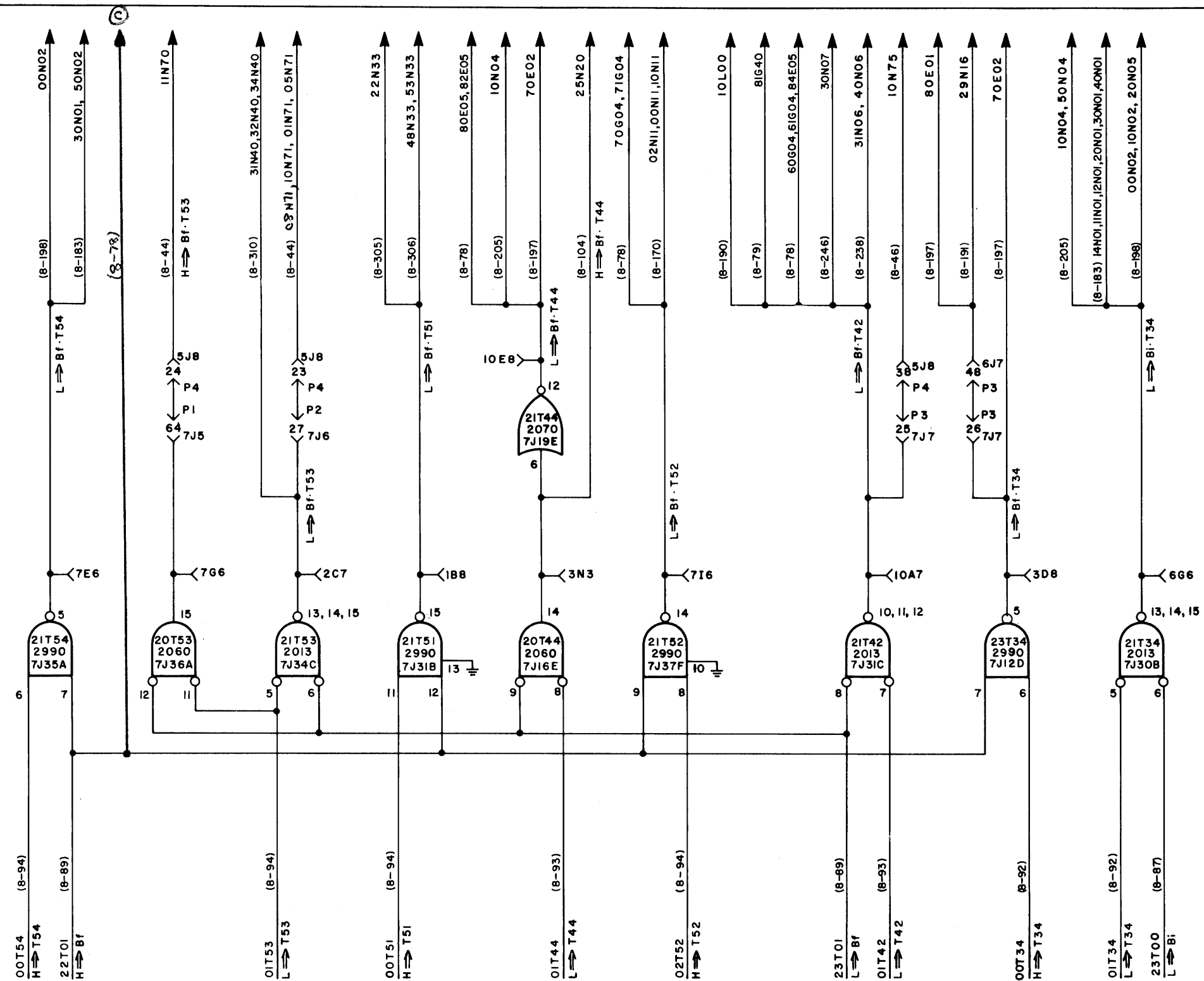


FIGURE 8-98

IDENT NO. 7032907-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE SPERRY RAND CORPORATION. IN CONSIDERATION OF THE RECEIPT OF THIS DOCUMENT, THE RECIPIENT AGREES NOT TO REPRODUCE, COPY, USE OR TRANSMIT THIS DOCUMENT AND OF THE INFORMATION THEREIN CONTAINED, IN WHOLE OR IN PART OR TO SUFFER SUCH ACTION BY OTHERS, FOR ANY PURPOSE EXCEPT WITH THE WRITTEN PERMISSION, FIRST OBTAINED, OF SPERRY RAND CORP. AND FURTHER AGREES TO SURRENDER SAME TO SPERRY RAND CORPORATION UPON DEMAND.

QTY REQD	FIND	REF DES	CODE	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			LAYOUT			
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS			DATE			
±			CLASS			
HOLE DIAMETER TOLERANCE			DRAFTSMAN			
0 THRU .500 ±.005			K. R. POWERS			
.500 THRU .999 ±.010			DATE			
1.000 & LARGER ±.015			8-12-65			
THREADS: EXT. CL. 2A, INT. CL. 2B			TITLE			
MATERIAL			FUNCTIONAL SCHEMATIC, SEQUENCE TIMING 3			
FINISH			CHECKER			
NEXT ASSY EQUIPMENT			B. POPOV			
APPLICATION			ENGINEER			
COMMODITY CODE			D. HAIR			
			APPROVAL			
			[Signature]			
			DATE			
			8-15-65			
			CODE IDENT NO.			
			90536			
			SIZE			
			D			
			DWG NO.			
			7032907			
			SCALE			
			WEIGHT			
			SHEET			
			OF			

REVISIONS				
SYM	ZONE	REV	DESCRIPTION	DATE
A	0166		FALSE CONFLICT MOD	

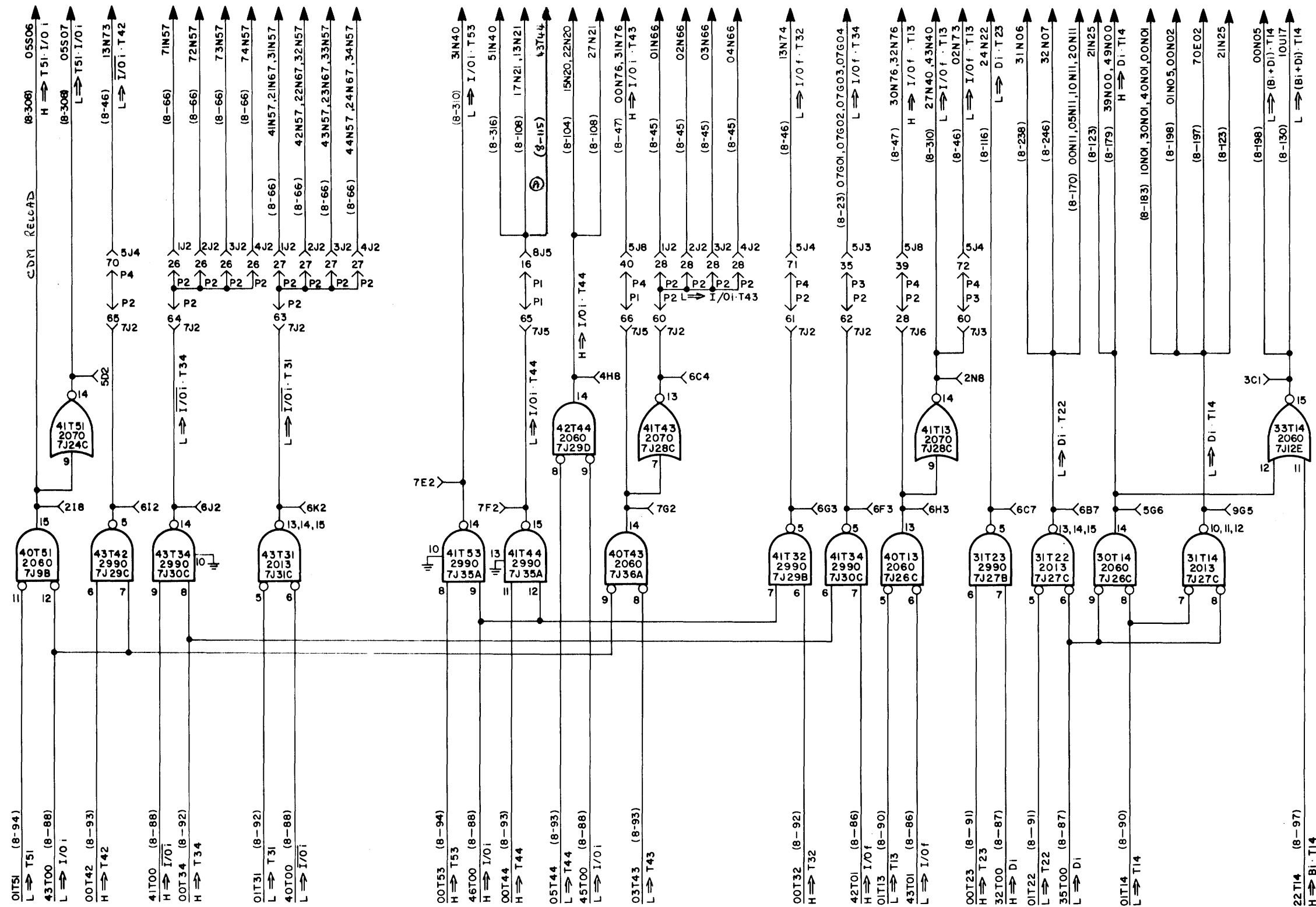


FIGURE 8-99

IDENT NO. 7075187-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION UNLESS OTHERWISE SPECIFIED BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION. IT IS TO BE CONTROLLED AND DISTRIBUTED IN ACCORDANCE WITH THE POLICY OF THAT CORPORATION. IT IS TO BE DESTROYED OR RECLASSIFIED IN ACCORDANCE WITH THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED: DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES HOLE DIAMETER TOLERANCE 0 THRU .250 +.005 THRU .500 +.010 .501 & LARGER +.010 -.002 .003 -.005 THREADS: EXT. CL. 2A, INT. CL. 2B		LAYOUT		DATE		CLASS	
MATERIAL		DRAFTSMAN D. ERICKSON		2-12-66		A	
FINISH		CHECKER R. STRELNIKS		3-31-67		TITLE FUNCTIONAL SCHEMATIC, SEQUENCE TIMING 4	
APPLICATION		ENGINEER D. HAIR		3-31-67		CODE IDENT NO. 90536	
COMMODITY CODE		APPROVAL		3-31-67		SIZE D	
						DWG NO. 7075187	
						SCALE	
						SHEET OF	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A	E13310		INTERCOMPUTER TIME OUT CHANGE		
B	E13314		EXT NO FIF CORRECTION		
C					

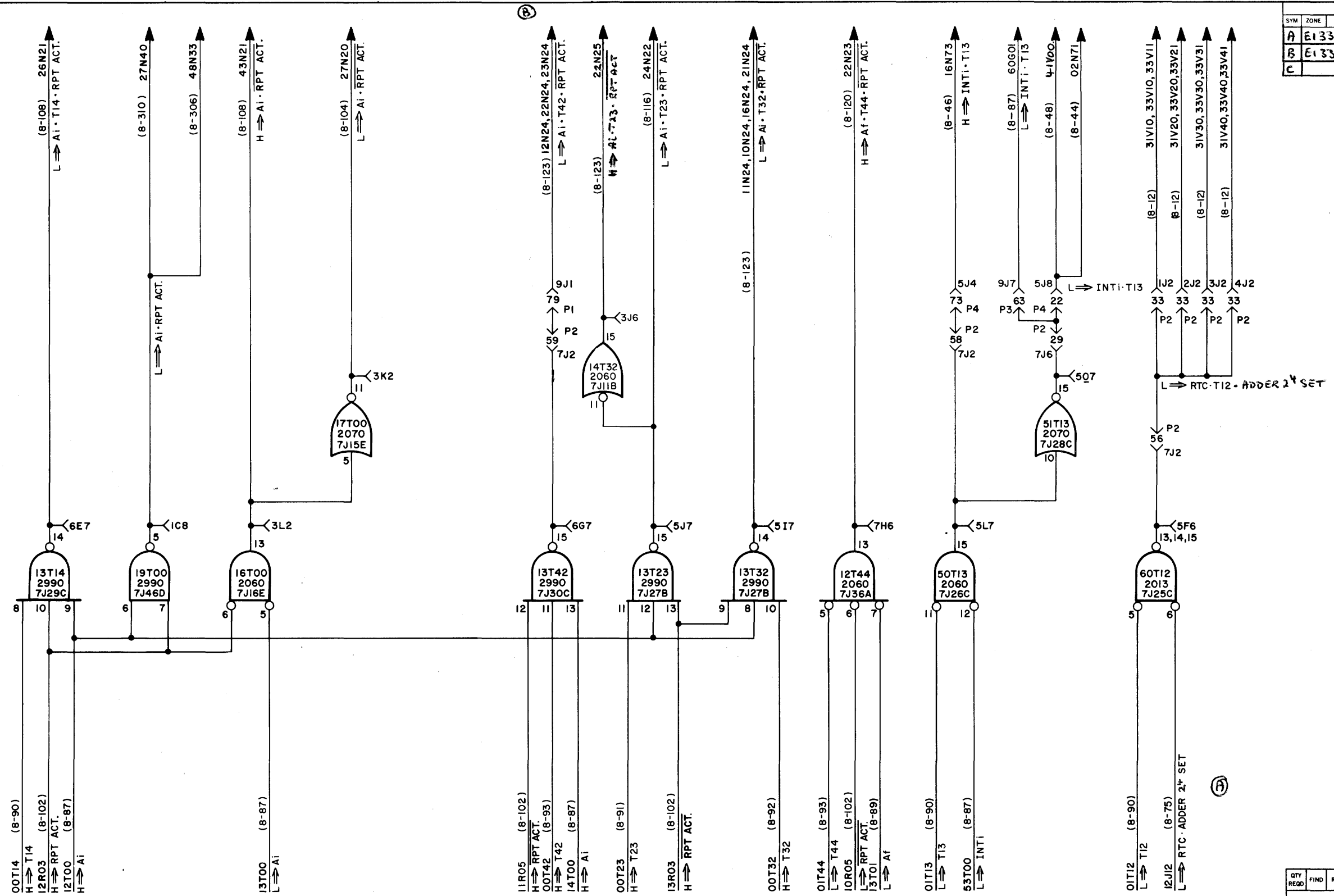


FIGURE 8-100

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	

IDENT NO. 7075188-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS	LIST OF MATERIAL	
DIMENSION IN INCHES. TOLERANCE OR 2 PLACE DECIMALS		E. BICKETT	12-9-66	A	UNIVAC	
HOLE DIAMETER TOLERANCE		CHECKER	B. POPOV		DIVISION OF SPERRY RAND CORPORATION	
0 THRU .250 +.003		ENGINEER	D. HAIR		TITLE	
.251 THRU .500 +.005		APPROVAL	<i>D. Hair</i>		FUNCTIONAL SCHEMATIC, SEQUENCE TIMING 5	
.501 & LARGER +.010					CODE IDENT NO.	SIZE
THREADS: EXT. CL. INT. CL. 2B					90536	D
MATERIAL					DWG NO.	7075188
FINISH					SCALE	WEIGHT
APPLICATION						SHEET 1 OF 1
COMMODITY CODE						

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APP/VEC
A	3508		COMPUTER TIMING CORRECTION.	

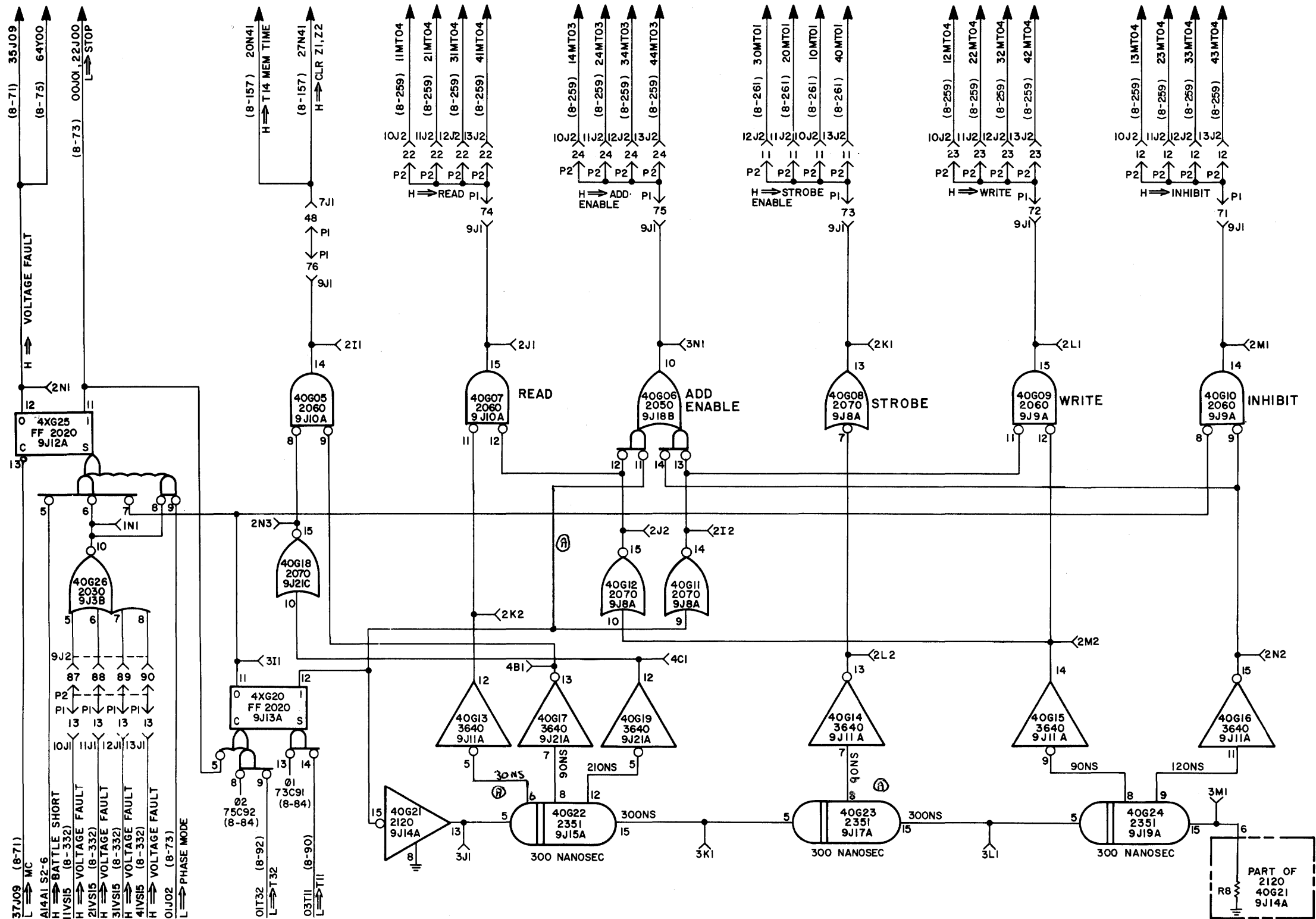


FIGURE 8-101

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

CLASS	A
TITLE	FUNCTIONAL SCHEMATIC, MEMORY TIMING

IDENT NO. 7075242-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		W. WURDEMAN	3-7-67	A
HOLE DIAMETER TOLERANCE		CHECKER		
0 THRU .250 ± .003		STRELNIEKS	3-31-67	
.251 THRU .500 ± .005		ENGINEER		
.501 & LARGER ± .010		D. FREE	3-31-67	
THREADS: EXT. CL. 2A, INT. CL. 2B		APPROVAL		
MATERIAL				
FINISH				
COMMODITY CODE				
APPLICATION				
EQUIPMENT				
NEXT ASY				
DATE				
CLASS				
TITLE				
CODE IDENT NO.				
SIZE				
DWG NO.				
SCALE				
WEIGHT				
SHEET 1 OF 1				

90536 D 7075242

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION
A	3744		PREVENT ERRONEOUS ABORT

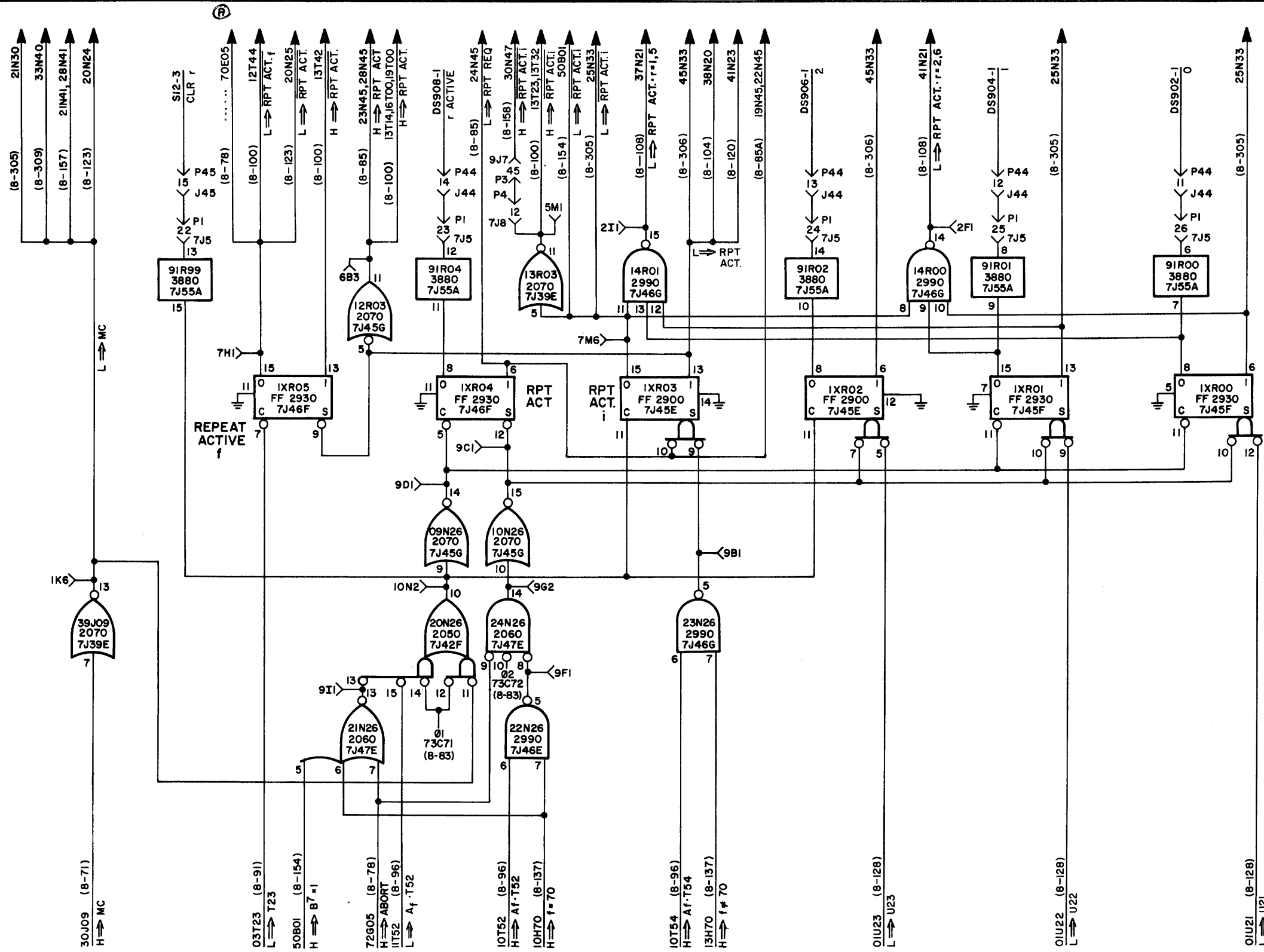


FIGURE 8-102

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
					LIST OF MATERIAL	

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS ± 0.005 3 PLACE DECIMALS ± 0.001 ANGLES ± 15' HOLE DIAMETER TOLERANCE 0 THRU .250 ± .005 .251 THRU .500 ± .004 .501 & LARGER ± .010 THREADS: EXT CL 2A, INT CL 2B MATERIAL FINISH	LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION FUNCTIONAL SCHEMATIC, r DESIGNATOR		
	DRAFTSMAN	12-10-66	A			
	CHECKER	3-31-67				
	ENGINEER	3-31-67				
APPROVAL	3-31-67			CODE IDENT NO. 90536 SIZE D DWG NO. 7075189		
COMMODITY CODE				SCALE	WEIGHT	SHEET 1 of 1

IDENT NO. 7075189-00

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REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

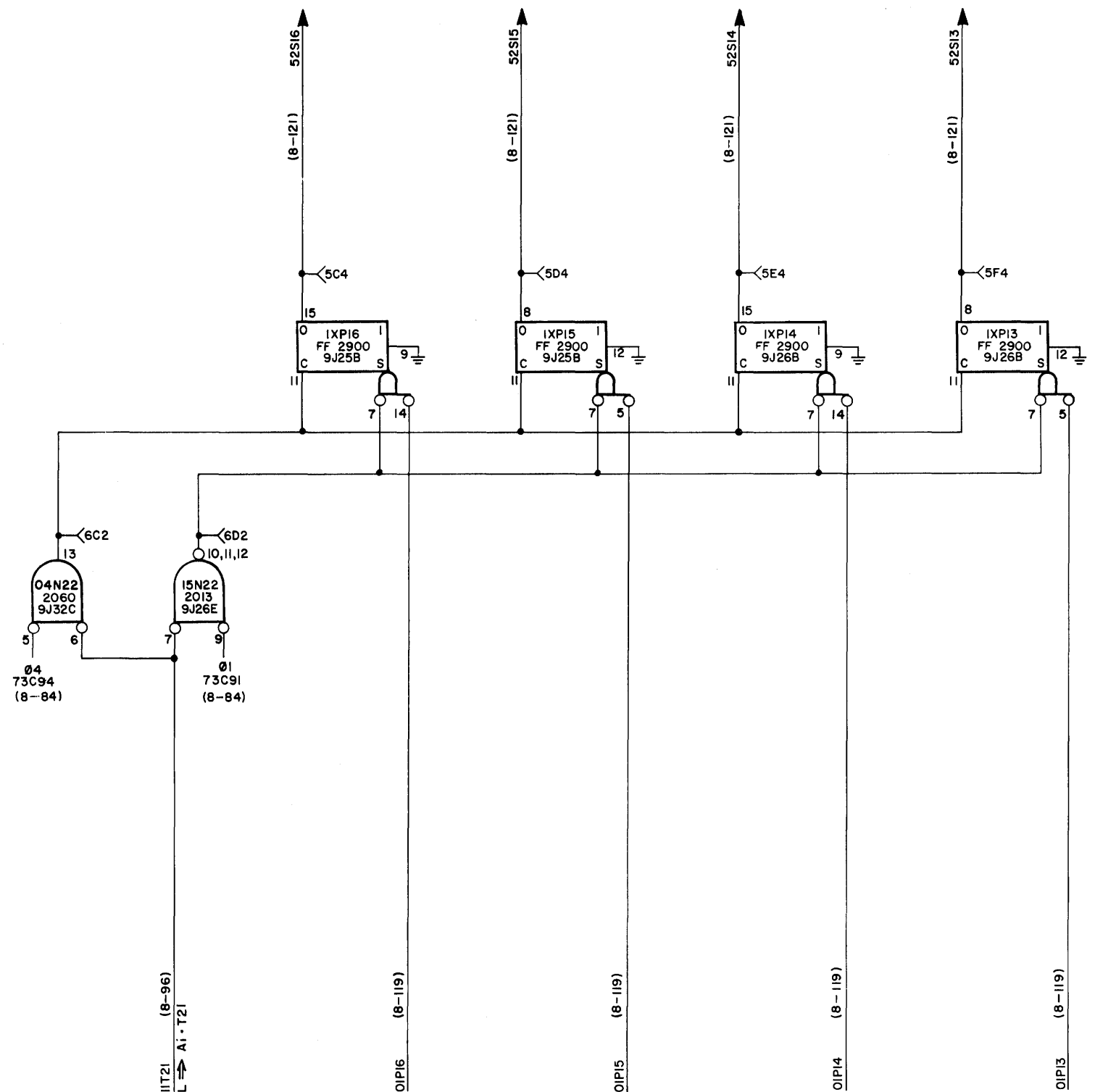


FIGURE 8-103

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
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UNIVAC
DIVISION OF SPERRY RAND CORPORATION

LAYOUT	DATE	CLASS	TITLE
M. MOSENG	5-20-65	A	FUNCTIONAL SCHEMATIC, PR REGISTER
CHECKER B. POPOV	7/9/65 B.P. POPOV		
ENGINEER D. HAIR	8/11/65 D.H. HAIR		
APPROVAL <i>[Signature]</i>	7/15/65		
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7032914	
SCALE	WEIGHT	SHEET	OF

IDENT NO. 7032914 - 00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES TOLERANCE ON	
2 PLACE DECIMALS	3 PLACE DECIMALS
± .003	± .005
± .002	± .005
0 THRU .250	.251 THRU .500
	.501 & LARGER
	± .010
	± .005
	± .005
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	
APPLICATION	
EQUIPMENT	
COMMODITY CODE	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71689	SEE EIR			
B		4270	HOLD TIMEOUT CORRECTION			

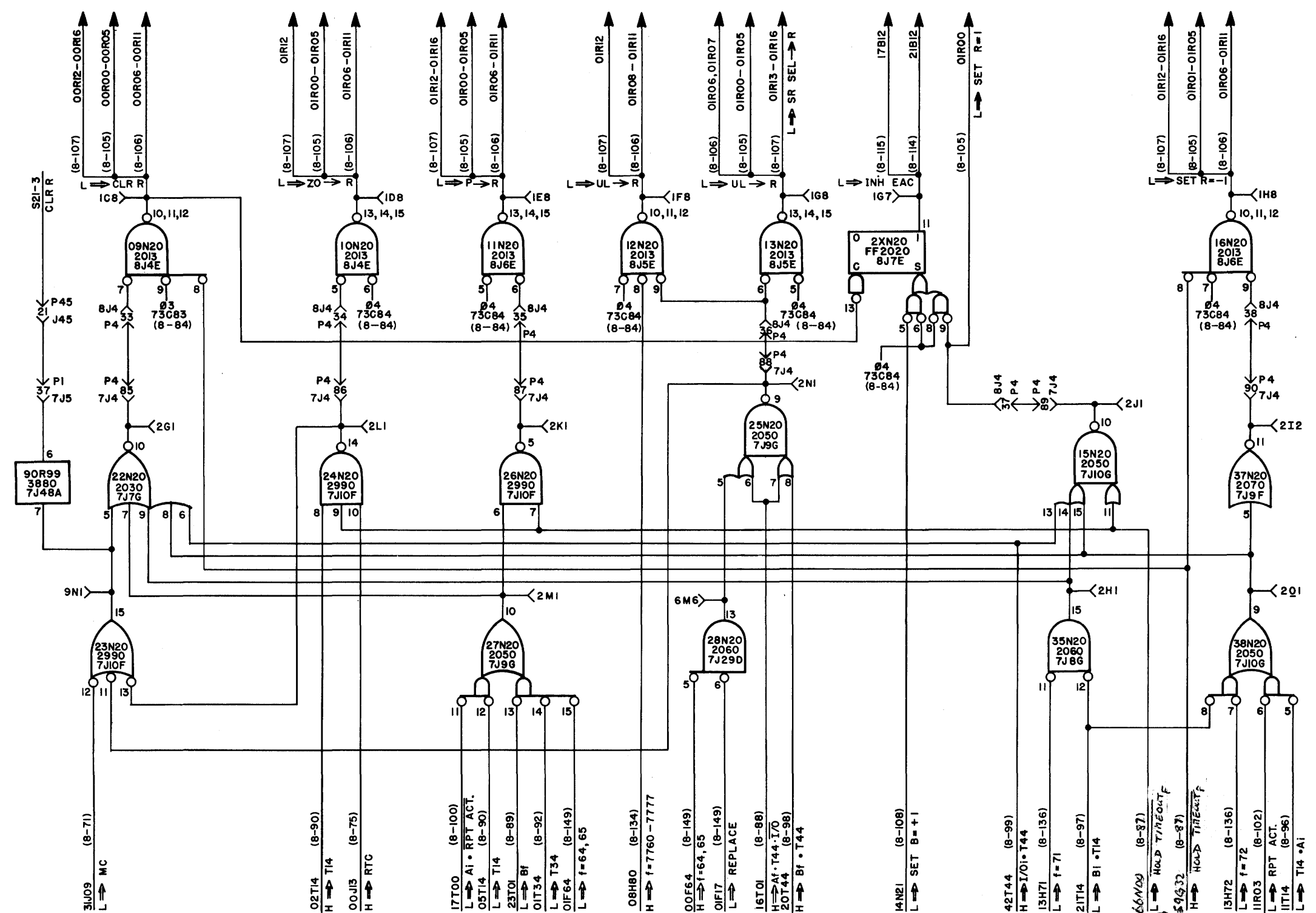


FIGURE 8-104

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS = 3 PLACE DECIMALS	R. STEBBINS	2-17-65	A
HOLE DIAMETER TOLERANCE =	CHECKER		
0 THRU .250 +.003	B. POPOV		
.251 THRU .500 +.005	ENGINEER		
.501 & LARGER +.010	D. HAIR		
-.002	APPROVAL		
THREADS: EXPT. CL. 2A, INT. CL. 2B			
MATERIAL			
FINISH			

CODE IDENT NO.	SIZE	DWG NO.
90536	D	7032690

IDENT NO. 7032690-00

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REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED

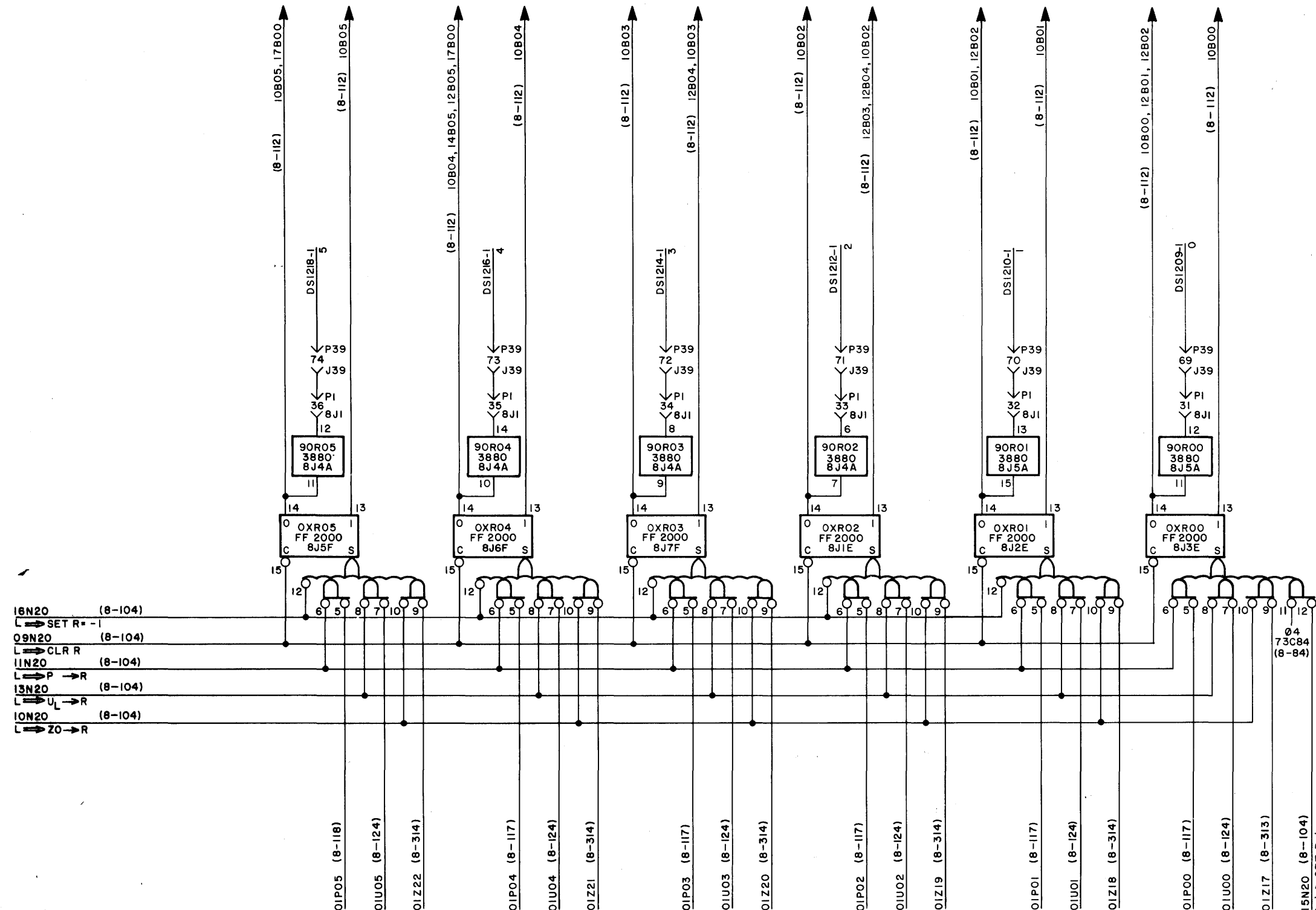


FIGURE 8-105

QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL	
CLASS	A
TITLE	FUNCTIONAL SCHEMATIC, R REGISTER BITS 00-05
DATE	5-20-65
DRAFTSMAN	F. MANNING
CHECKER	B. POPOV
ENGINEER	D. HAIR
APPROVAL	<i>[Signature]</i> 9-15-65
CODE IDENT NO.	90536
SIZE	D
DWG NO.	7032691
SHEET	1 OF 1

IDENT NO. 7032691-00

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UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005
3 PLACE DECIMALS ± .002
ANGLES ± .005
HOLE DIAMETER TOLERANCE
0 THRU .250 ± .003
.251 THRU .500 ± .005
.501 & LARGER ± .010
THREADS: EXT. CL. 2A, INT. CL. 2B
MATERIAL
FINISH
APPLICATION
COMMODITY CODE

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION
A		71689	SEE EIR

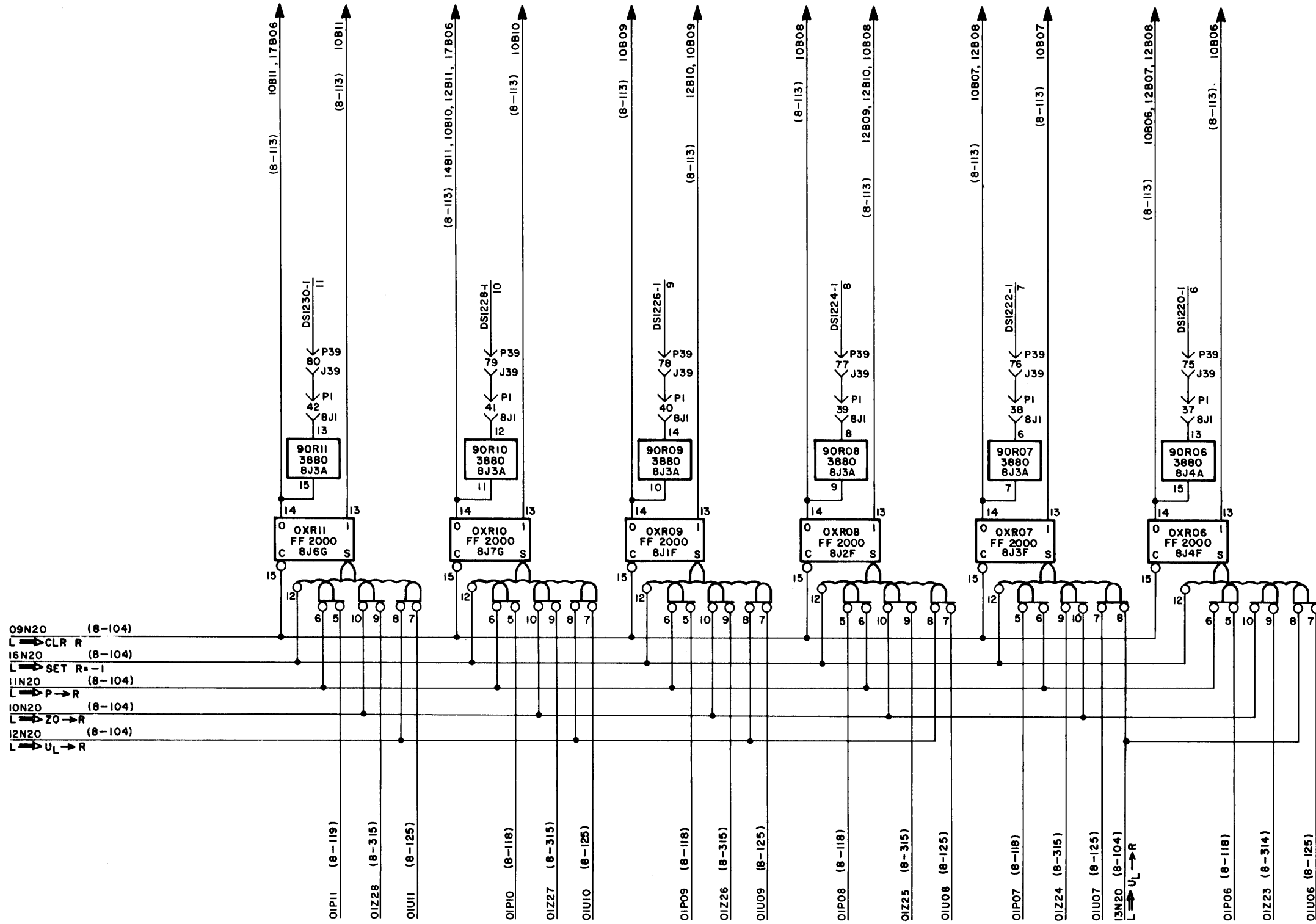


FIGURE 8-106

IDENT NO. 7032692-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT

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QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

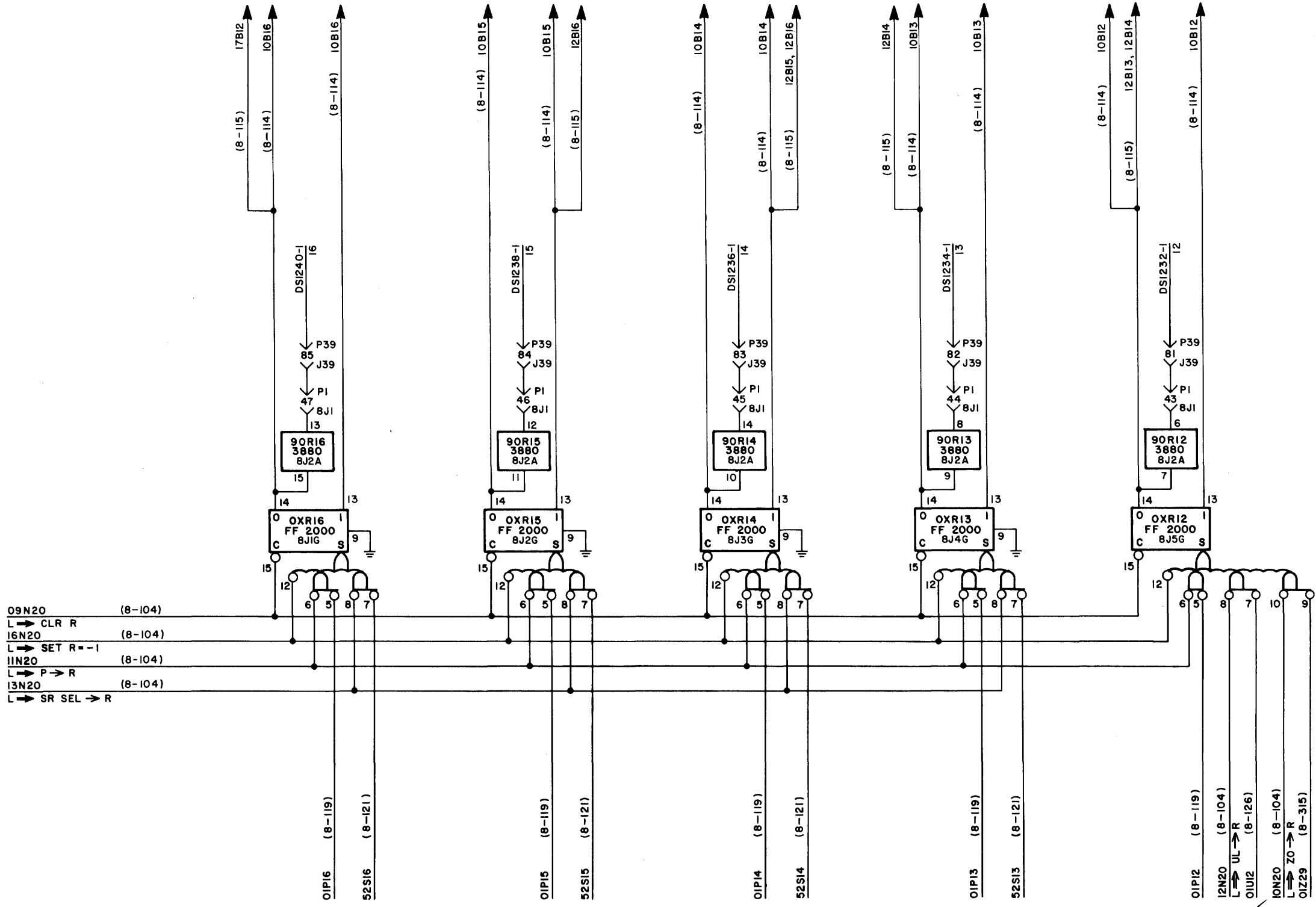
LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCE OF 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES ± ± ± HOLE DIAMETER TOLERANCE 0 THRU .250 ±.003 .251 THRU .500 ±.005 .501 & LARGER ±.010 THREADS EXCEPT INT CL 2B	LAYOUT	DATE	CLASS
	DRAFTSMAN R. BRASKI	2-22-65	A
	CHECKER B. POPOV	B.P. 2-15-65	
	ENGINEER D. HAIR	D.H. 2-15-65	
APPROVAL <i>[Signature]</i>	9-15-65		

CODE IDENT NO.	SIZE	DWG NO.
90536	D	7032692

SCALE WEIGHT SHEET OF

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71689	SEE EIR	BP [Signature] 4/11/65



09N20 (8-104)
 L → CLR R
 16N20 (8-104)
 L → SET R = -1
 11N20 (8-104)
 L → P → R
 13N20 (8-104)
 L → SR SEL → R

FIGURE 8-107

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						
			CLASS	DATE	UNIVAC	
			A	2-23-65	DIVISION OF SPERRY RAND CORPORATION	
			TITLE			
			FUNCTIONAL SCHEMATIC, R REGISTER BITS 12-16			
			CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7032693	
			SCALE	WEIGHT	SHEET OF 1	

IDENT NO. 7032693-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE ON
2 PLACE DECIMALS	3 PLACE DECIMALS
+	-
HOLE DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
+ .003	+ .005
- .002	- .003
THREADS EXCEPT AS INT CL 28	
MATERIAL	FINISH
APPLICATION	EQUIPMENT
COMMODITY CODE	

DRAFTSMAN	R. BRASKI
CHECKER	B. POPOV
ENGINEER	D. HAIR
APPROVAL	[Signature]

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A		71689	SEE EIR		
B		77400	SEE EIR		
C		E13396	COMPUTER I/O MOD		
D		4270	HOLD TIMEOUT CORRECTION		

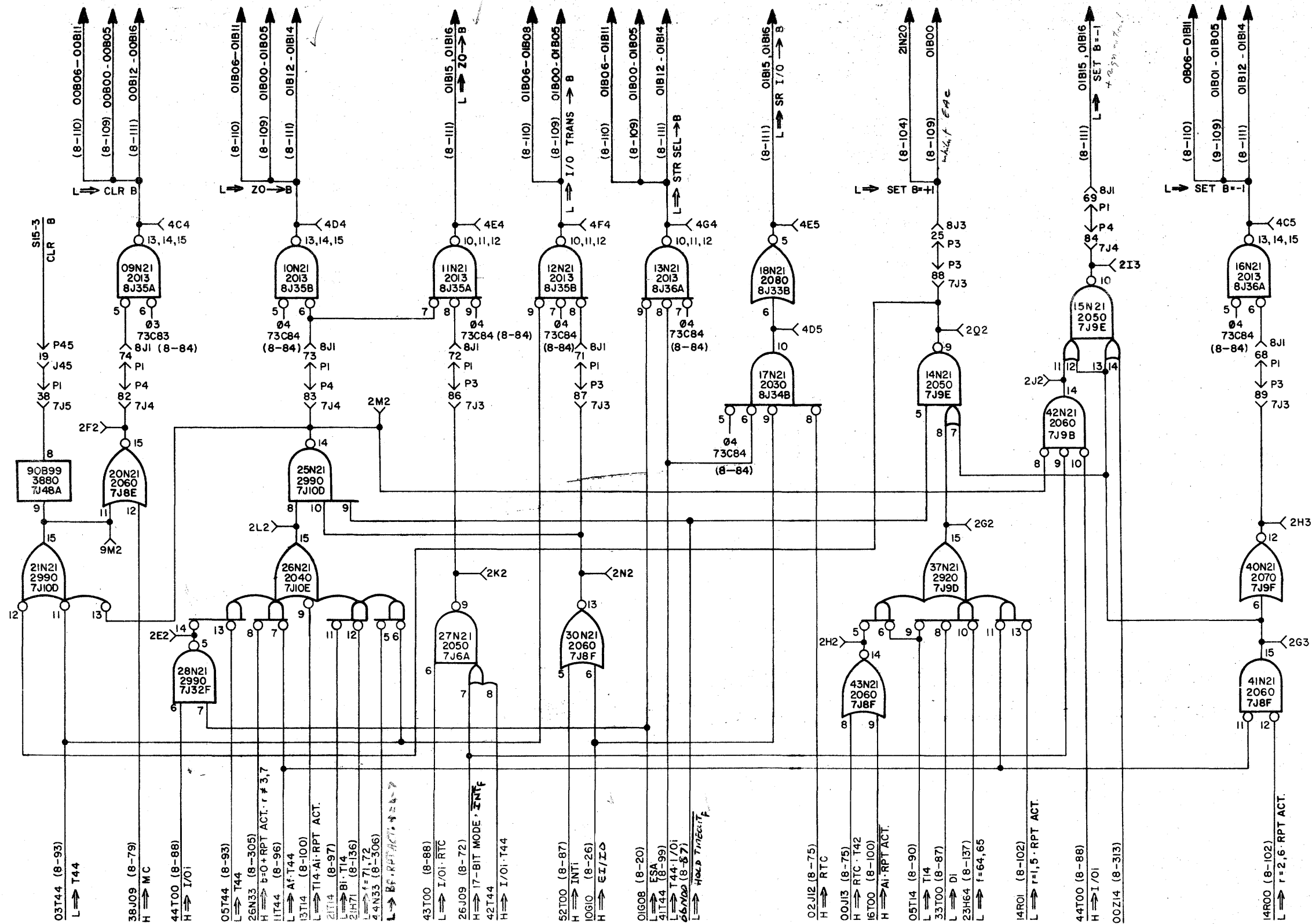


FIGURE 8-108

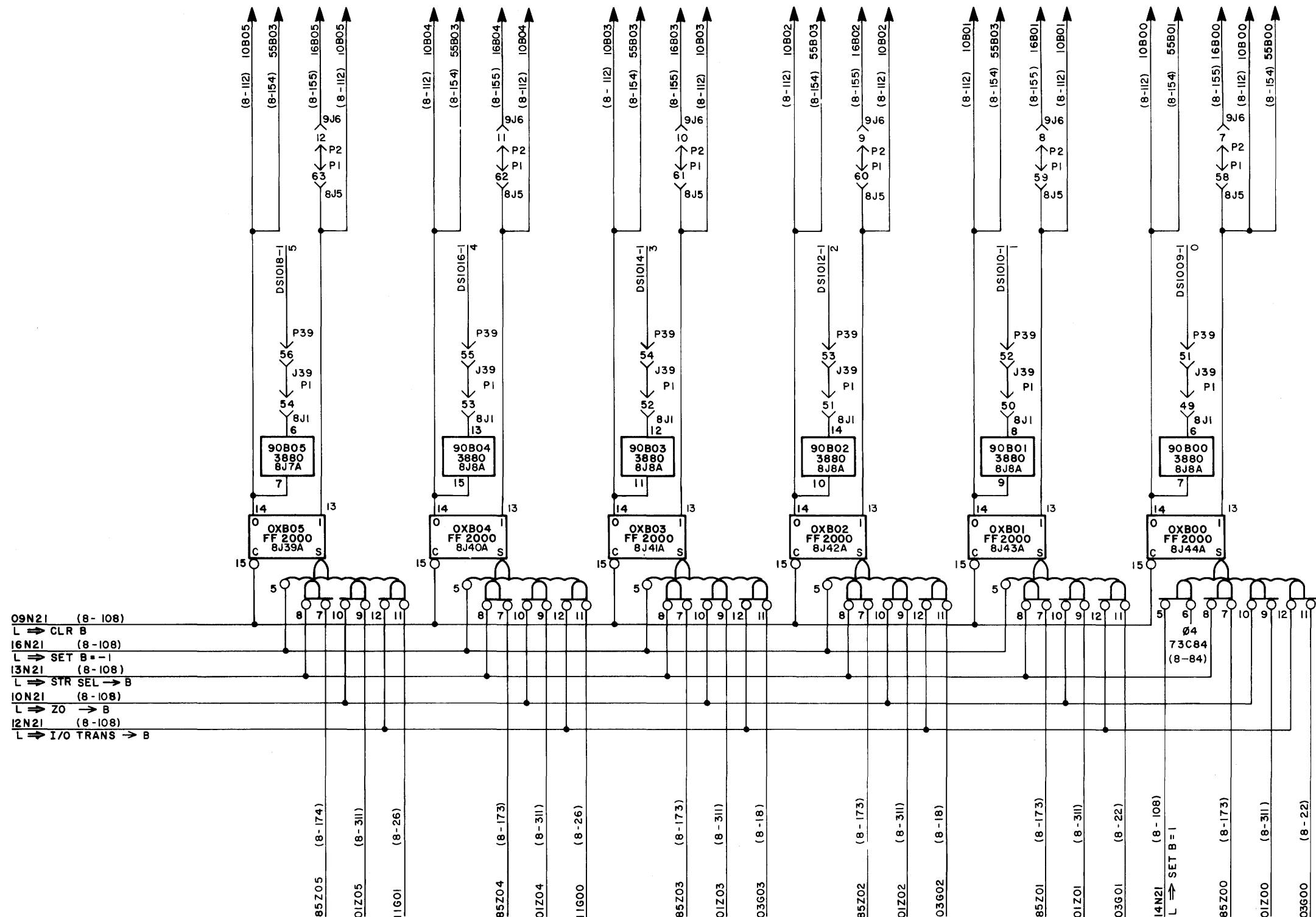
QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED:		LAYOUT		DATE		
DIMENSION IN INCHES TOLERANCE ON:		DATE		CLASS		
3 PLACE DECIMALS ± .005		5-20-65		A		
HOLE DIAMETER TOLERANCE:		DRAWN BY		UNIVAC		
0 THRU .250 ± .003		R. M. BECKMAN		DIVISION OF SPERRY RAND CORPORATION		
.251 THRU .500 ± .005		CHECKED BY		TITLE		
.501 & LARGER ± .010		B. POPOV		FUNCTIONAL SCHEMATIC,		
THREADS: EXT. UNF, INT. CL 2B		ENGINEER		B REGISTER		
MATERIAL		D. HAIR		COMMAND ENABLES		
FINISH		APPROVAL		CODE IDENT NO.		
		[Signature]		90536		
		DATE		SIZE		
		9-15-65		D		
				DWG NO.		
				7032686		
				SCALE		
				WEIGHT		
				SHEET		
				OF		

IDENT NO. 7032686-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING CONTRACT NUMBER:

APPLICATION	COMMODITY CODE	FINISH

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED



09N21 (8-108)
 L → CLR B
 16N21 (8-108)
 L → SET B = 1
 13N21 (8-108)
 L → STR SEL → B
 10N21 (8-108)
 L → Z0 → B
 12N21 (8-108)
 L → I/O TRANS → B

INDICATOR to B
 EI 2004
 ED 4007
 OD 4008
 ER 2001
 IC 4000
 EI 2001

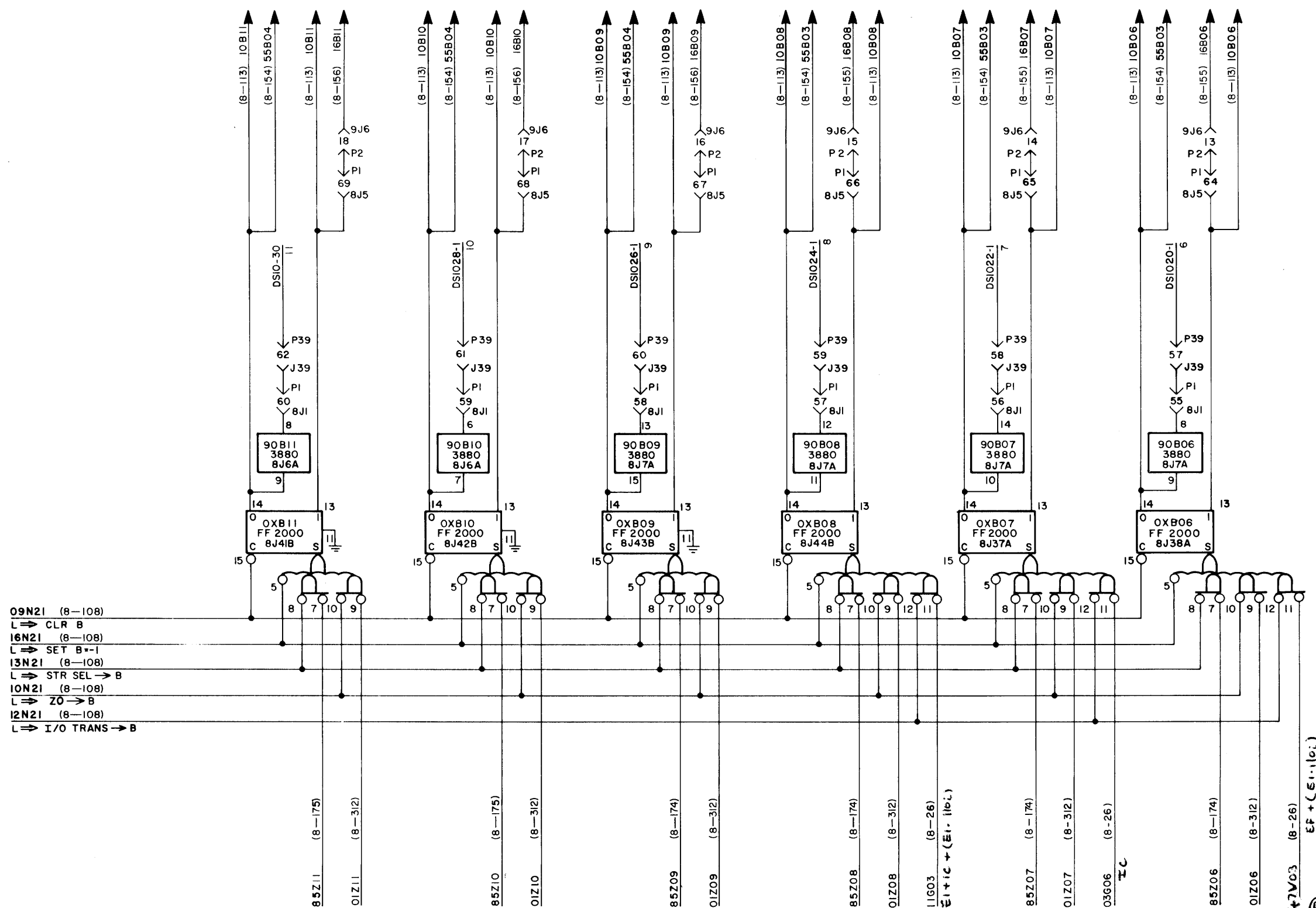
FIGURE 8-109

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE		

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		R. STEBBINS		23-65		A	
HOLE DIAMETER TOLERANCE 0 THRU .250 +.003 .251 THRU .500 +.010 .501 & LARGER +.010		CHECKER B. POPOV		DATE R.P. 9/15/65		TITLE FUNCTIONAL SCHEMATIC B REGISTER BITS 00-05	
THREADS: EXT. CL. INT. CL. 2B		ENGINEER D. HAIR		DATE D.M. 9-15-65		CODE IDENT NO. SIZE DWG NO.	
MATERIAL		APPROVAL D. Haug		DATE 9-15-65		90536 D 7032678	
FINISH						SCALE WEIGHT SHEET OF	

IDENT NO. 7032678-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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09N21 (8-108)
 L → CLR B
 16N21 (8-108)
 L → SET B-1
 13N21 (8-108)
 L → STR SEL → B
 10N21 (8-108)
 L → Z0 → B
 12N21 (8-108)
 L → I/O TRANS → B

FIGURE 8-110

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

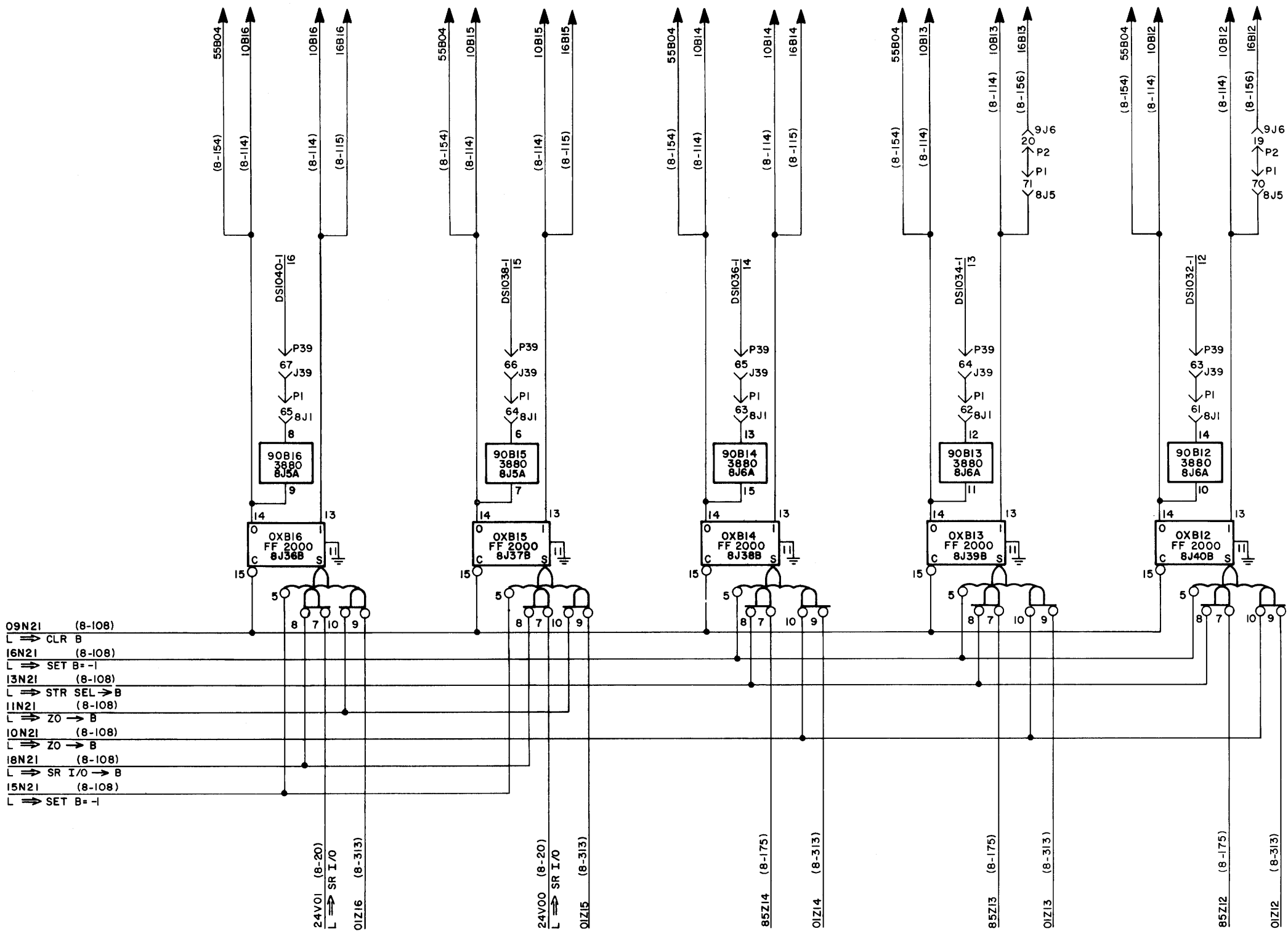
IDENT NO. 7075190-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE GENERAL ELECTRIC COMPANY. ALL RIGHTS ARE RESERVED. NO PART OF THIS DOCUMENT IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING BY THE GENERAL ELECTRIC COMPANY.

UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS
DIMENSION IN INCHES TOLERANCE ON		DRAFTSMAN	12 8 66	
HOLE DIAMETER TOLERANCE		CHECKER		
MATERIAL		ENGINEER		
FINISH		APPROVAL		

UNIVAC		DIVISION OF SPERRY RAND CORPORATION	
TITLE		FUNCTIONAL SCHEMATIC	
B REGISTER		BITS 06-11	
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7075190	
SCALE	WEIGHT	SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED



- 09N21 (8-108)
L ⇒ CLR B
- 16N21 (8-108)
L ⇒ SET B=-1
- 13N21 (8-108)
L ⇒ STR SEL → B
- 11N21 (8-108)
L ⇒ ZO → B
- 10N21 (8-108)
L ⇒ ZO → B
- 18N21 (8-108)
L ⇒ SR I/O → B
- 15N21 (8-108)
L ⇒ SET B=-1

FIGURE 8-III

IDENT NO. 7032680-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY BRAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE OR 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES ± ± ± HOLE DIAMETER TOLERANCE 0 THRU .250 ±.003 .251 THRU .500 ±.005 .501 & LARGER ±.010 THREADS: EXT. CL. 2B INT. CL. 2B	LAYOUT DATE CLASS DRAFTSMAN R. STEBBINS 2-2-65 CHECKER B. POPOV 9-15-65 ENGINEER D. HAIR 9-15-65 APPROVAL D. Hair 9-15-65	DATE CLASS A	TITLE FUNCTIONAL SCHEMATIC, B REGISTER BITS 12-16
MATERIAL	FINISH	CODE IDENT NO. 90536	SIZE D
COMMODITY CODE	APPLICATION	DWG NO. 7032680	SCALE

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71689	SEE EIR	artifacts M.H.
B		E13310	INTERCOMPUTER TIME OUT CHANGE	

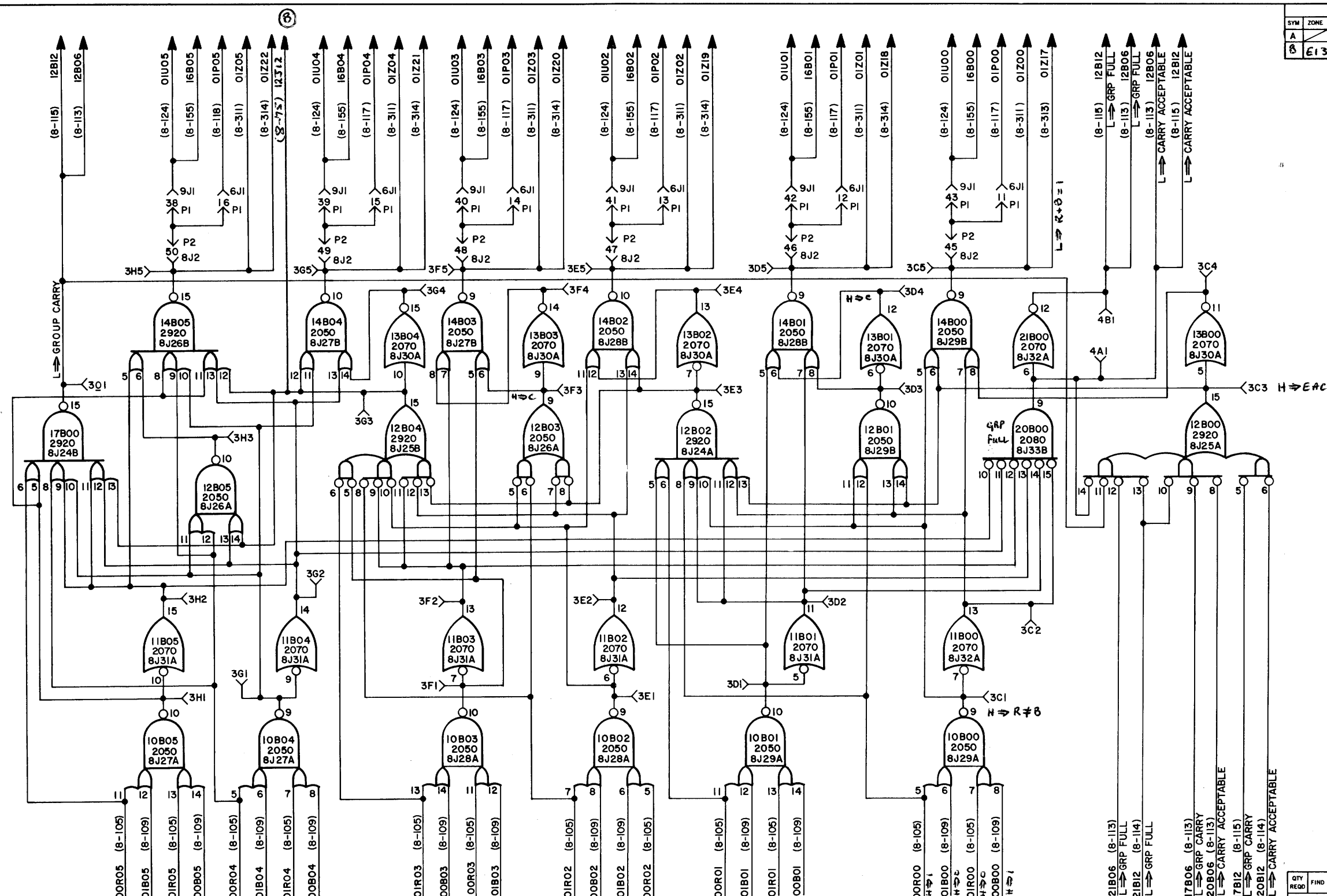


FIGURE 8-112

IDENT NO. 7032687-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED				LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON		3 PLACE DECIMALS		DRAFTSMAN		5-20-65		A	
± .003		± .005		G. S. WHEBBE				UNIVAC	
± .002		± .003		CHECKER		9-15-65		DIVISION OF SPERRY RAND CORPORATION	
± .001		± .002		B. POPOV				TITLE	
± .0005		± .001		ENGINEER		9-15-65		FUNCTIONAL SCHEMATIC,	
± .0002		± .0005		D. HAIR				CONTROL ADDER BITS 00-05	
± .0001		± .0002		APPROVAL		9-15-65		CODE IDENT NO.	
± .00005		± .0001		D. W. Meyer				SIZE	
± .00002		± .00005						D	
± .00001		± .00002						DWG NO.	
± .000005		± .00001						7032687	
± .000002		± .000005						SCALE	
± .000001		± .000002						WEIGHT	
± .0000005		± .000001						SHEET	
± .0000002		± .0000005						OF	
± .0000001		± .0000002							

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	DR	DATE	APPROVED
A		71689	SEE EIR			
B	E13310		INTERCOMPUTER TIMEOUT CHANGE			

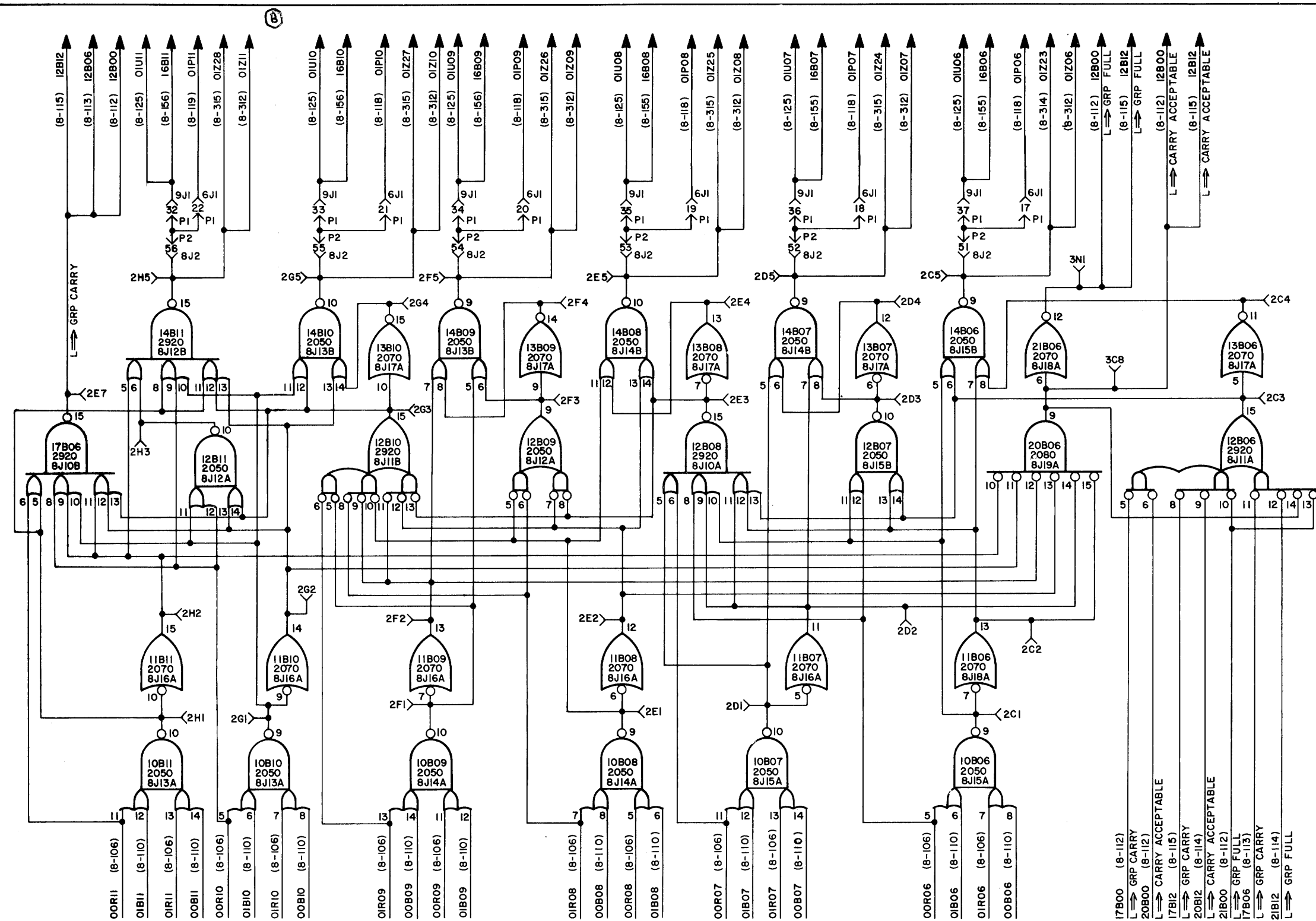


FIGURE 8-113

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
				UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
				DIMENSION IN INCHES. TOLERANCE ON			A
				2 PLACE DECIMALS			
				3 PLACE DECIMALS			
				ANGLES			
				HOLE DIAMETER TOLERANCE			
				5 THRU 250			
				+ .003			
				- .002			
				251 THRU 300			
				+ .005			
				- .005			
				301 & LARGER			
				+ .010			
				- .010			
				THREADS, EXCEPT AS INT. CL. 2B			
				MATERIAL			
				FINISH			
				APPLICATION			
				COMMODITY CODE			
				UNLESS OTHERWISE SPECIFIED			
				DRAFTSMAN			
				G. S. WHEBBE			
				CHECKER			
				B. POPOV			
				ENGINEER			
				D. HAIR			
				APPROVAL			
				DATE			
				5-19-65			
				TITLE			
				FUNCTIONAL SCHEMATIC,			
				CONTROL ADDER BITS 06-11			
				CODE IDENT NO.			
				90536			
				SIZE			
				D			
				DWG NO.			
				7032688			
				SCALE			
				WEIGHT			
				SHEET			
				1 OF 1			

IDENT NO. 7032688-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON			A
2 PLACE DECIMALS			
3 PLACE DECIMALS			
ANGLES			
HOLE DIAMETER TOLERANCE			
5 THRU 250			
+ .003			
- .002			
251 THRU 300			
+ .005			
- .005			
301 & LARGER			
+ .010			
- .010			
THREADS, EXCEPT AS INT. CL. 2B			
MATERIAL			
FINISH			
APPLICATION			
COMMODITY CODE			
UNLESS OTHERWISE SPECIFIED			
DRAFTSMAN			
G. S. WHEBBE			
CHECKER			
B. POPOV			
ENGINEER			
D. HAIR			
APPROVAL			
DATE			
5-19-65			
TITLE			
FUNCTIONAL SCHEMATIC,			
CONTROL ADDER BITS 06-11			
CODE IDENT NO.			
90536			
SIZE			
D			
DWG NO.			
7032688			
SCALE			
WEIGHT			
SHEET			
1 OF 1			

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED

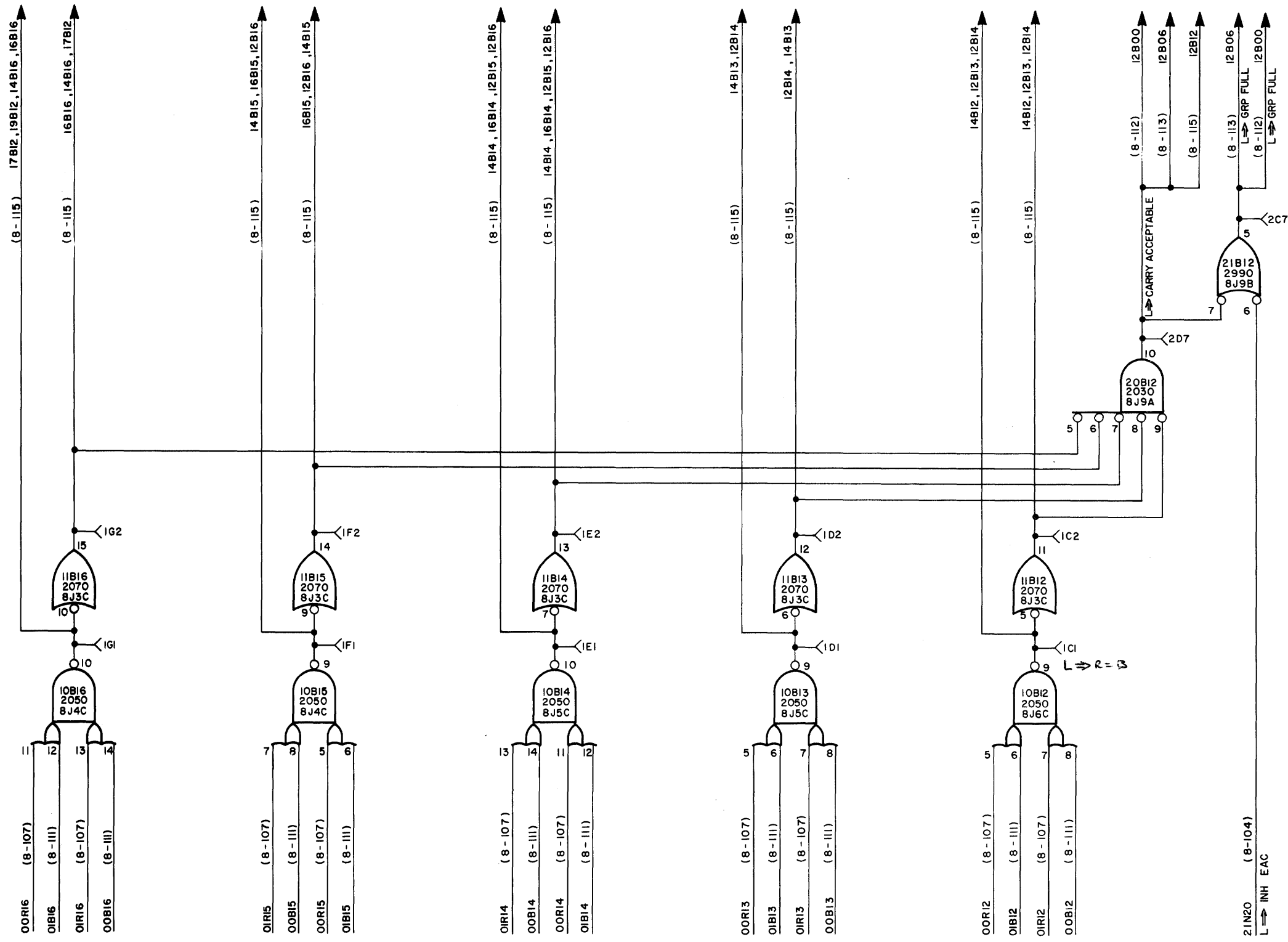


FIGURE 8-114

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

LAYOUT	DATE	CLASS
DRAFTSMAN D. HEUTMAKER	8-11-65	A
CHECKER B. POPOV	<i>B.P.</i> 9-15-65	TITLE
ENGINEER D. HAIR	<i>D.H.</i> 9-15-65	FUNCTIONAL SCHEMATIC, CONTROL ADDER BITS 12-16 PART 1
APPROVAL <i>[Signature]</i> 9-15-65		CODE IDENT NO. SIZE DWG NO.
		90536 D 7032689
		SCALE WEIGHT SHEET OF

IDENT NO. 7032689-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	2 PLACE DECIMALS	3 PLACE DECIMALS	ANGLES
	±	±	±
HOLE DIAMETER TOLERANCE	0 THRU .250	.251 THRU .500	.501 & LARGER
	+ .003	+ .005	+ .010
	- .002	- .005	- .005
	THREADS: EX. CL. 2A, INT. CL. 2B		
MATERIAL	FINISH		
APPLICATION	EQUIPMENT		
COMMODITY CODE			

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION
A		71689	SEE EIR
B		0166	FALSE CONFLICT NO

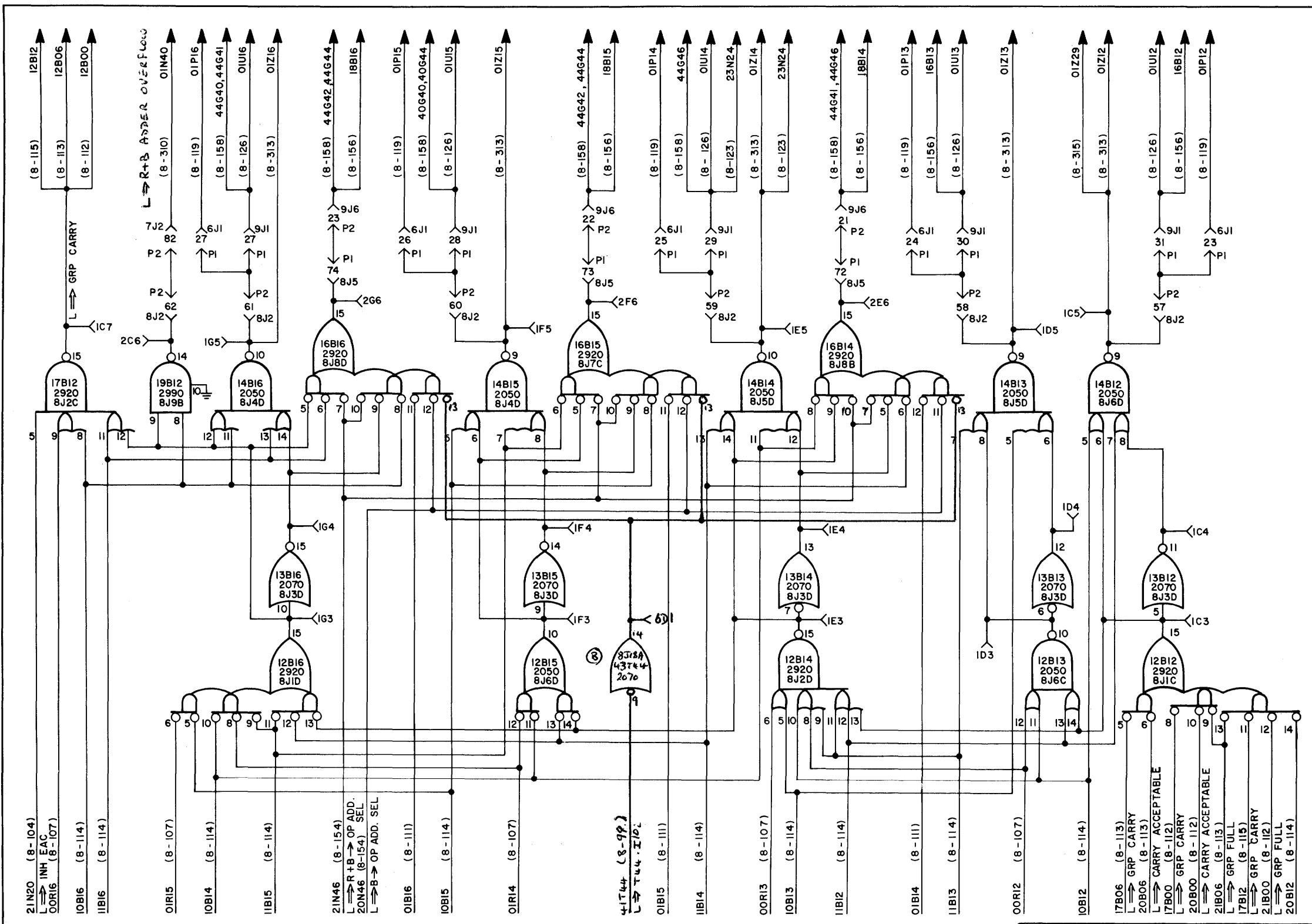


FIGURE 8-115

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES. TOLERANCE ON	
2 PLACE DECIMALS	3 PLACE DECIMALS	2 PLACE DECIMALS	3 PLACE DECIMALS
± .005	± .002	± .005	± .002
HOLD DIAMETER TOLERANCE			
0 THRU .750	.251 THRU .999	.301 & LARGER	
± .002	± .001	± .001	
THREADS: EXT. UN. 2A, INT. CL. 2B			
MATERIAL		FINISH	

DATE	CLASS	TITLE
8-12-65	A	FUNCTIONAL SCHEMATIC, CONTROL ADDER, BITS 12-16 PART 2

DRFTSMAN	CHECKER	ENGINEER	APPROVA
R. THORSON	B. POPOV	D. HAIR	<i>[Signature]</i>

CODE IDENT NO.	SIZE	DWG NO.
90536	D	7032941

IDENT NO. 7032941-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT.

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APPLICATION	COMMODITY CODE

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A	3508		COMPUTER TIMING CORRECTION.	
B	4002		CDM & EI STATUS LOGIC CORRECTION.	

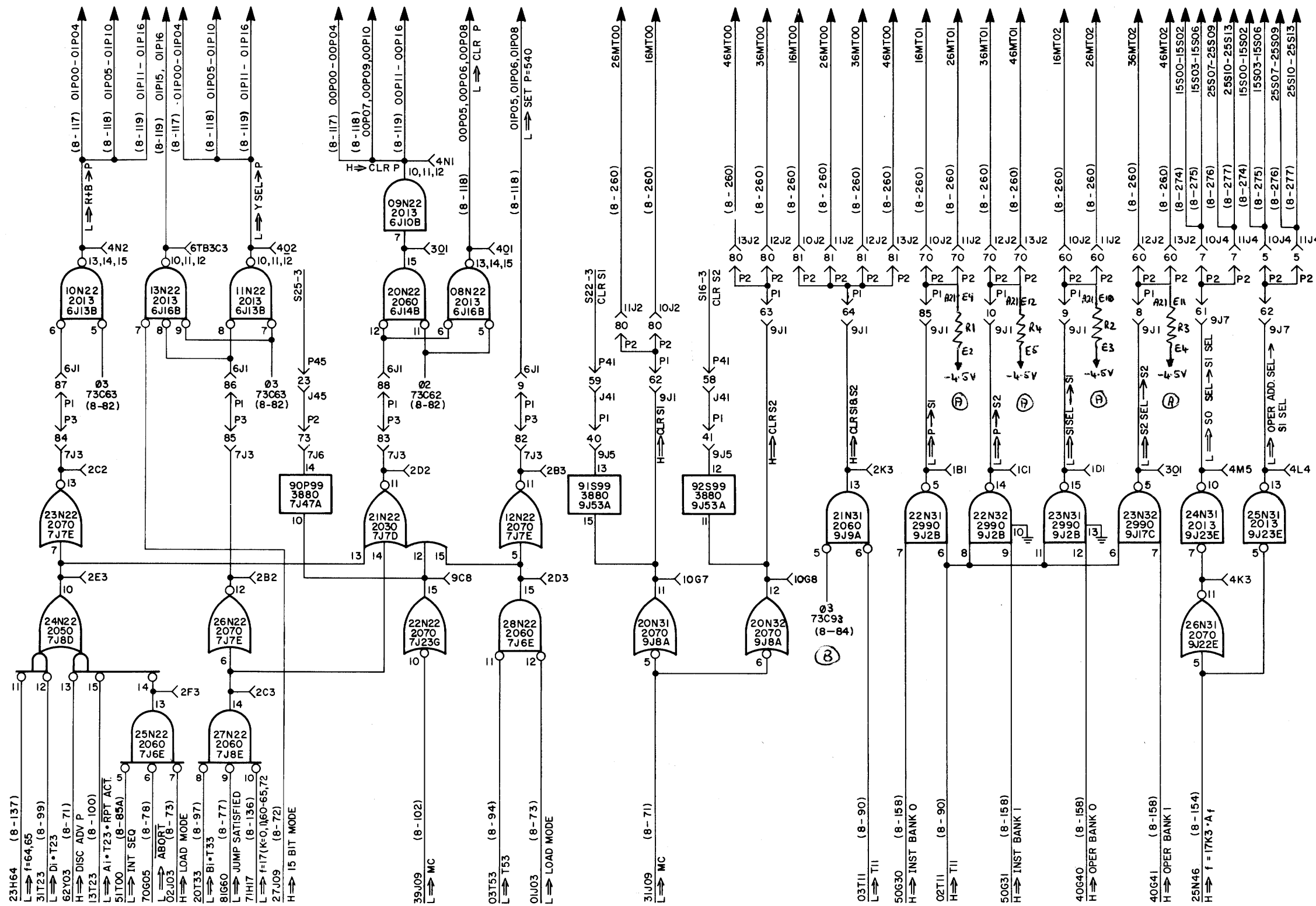


FIGURE 8-116

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						

IDENT NO. 7075240-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED

DIMENSION IN INCHES TOLERANCE OR 2 PLACE DECIMALS	3 PLACE DECIMALS	ANGLES
HOLE DIAMETER TOLERANCE	+	
0 THRU .250	+.005	+ .010
.251 THRU .500	+.005	+
GREATER THAN .500	+.005	+

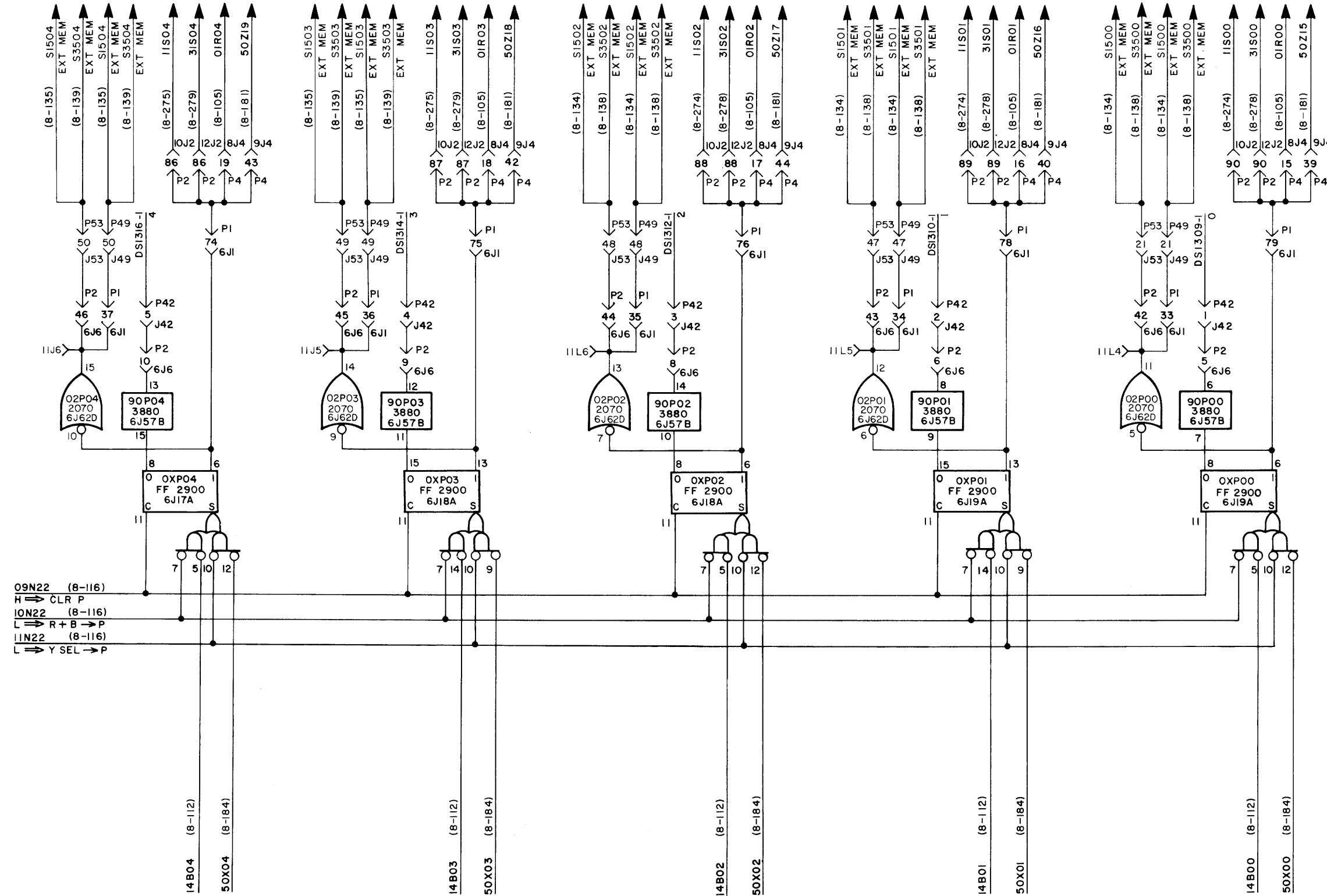
THREADS: EXT CL 2A, INT CL 2B

MATERIAL

FINISH

LAYOUT	DATE	CLASS
DRAFTSMAN	1-26-67	A
G.R. THOMPSON		
CHECKER	5-31-67	
R.E. STRELNIKS		
ENGINEER	5-31-67	
D. FREE		
APPROVAL	3-31-67	

UNIVAC		
DIVISION OF SPERRY RAND CORPORATION		
TITLE		
FUNCTIONAL SCHEMATIC, P REGISTER, S1 & S2 COMMAND ENABLES		
CODE IDENT NO.	SIZE	DWG NO.
90536	D	7075240
SCALE	WEIGHT	SHEET 1 OF 1



09N22 (8-116)
H ⇒ CLR P
10N22 (8-116)
L ⇒ R + B → P
11N22 (8-116)
L ⇒ Y SEL → P

FIGURE 8-117

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
			CLASS	UNIVAC		
			DATE	DIVISION OF SPERRY RAND CORPORATION		
			DRAFTSMAN	R. C. PETERSON		
			CHECKER	B. POPOV		
			ENGINEER	D. HAIR		
			APPROVAL	<i>[Signature]</i>		
			CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7075191	
			SCALE	WEIGHT	SHEET OF	

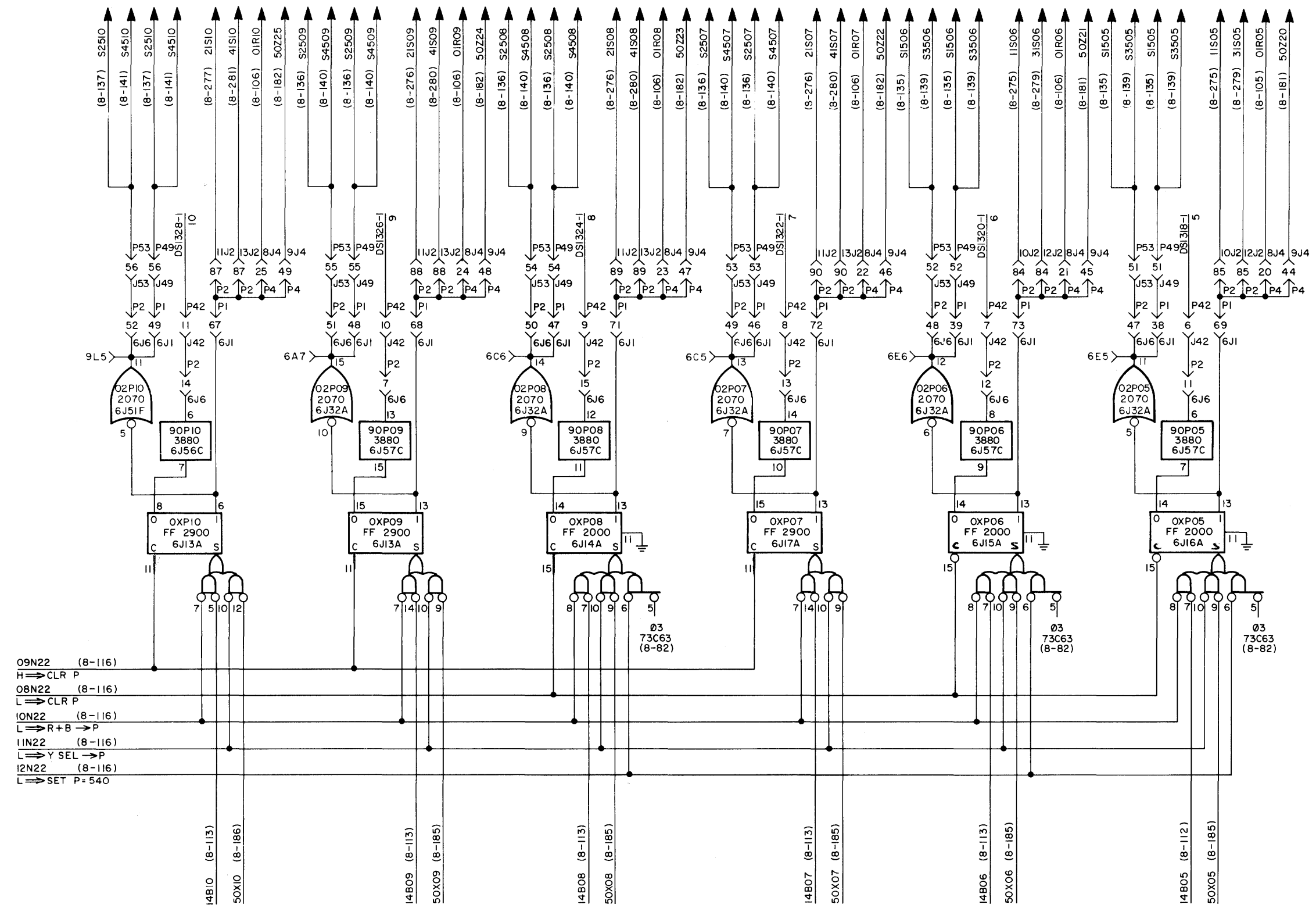
IDENT NO. 7075191-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE	FINISH
3 PLACE DECIMALS	
HOLE DIAMETER TOLERANCE	
0 THRU .250	
.251 THRU .500	
.501 & LARGER	
THREADS: EXT. UNF, INT. CL 2B	
MATERIAL	
APPLICATION	
COMMODITY CODE	

REVISIONS						
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK	DATE	APPROVED



09N22 (8-116)
 H → CLR P
 08N22 (8-116)
 L → CLR P
 10N22 (8-116)
 L → R+B → P
 11N22 (8-116)
 L → Y SEL → P
 12N22 (8-116)
 L → SET P=540

FIGURE 8-118

IDENT NO. 7075192-00

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOL. ON 2 PLACE 3 PLACE ANGLES DECIMALS DECIMALS + + - -	LAYOUT	DATE	CLASS	UNIVAC DEFENSE SYSTEMS DIVISION DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55118
	DRAFTSMAN D. LODGE	12106	A	
HOLE DIA. TOL. 0 THRU .251 THRU .501 AND LARGER + .003 + .005 + .010 - .002 - .003 - .005	CHECKER B. POPOV	3-31-67	TITLE	FUNCTIONAL SCHEMATIC, P REGISTER BITS 05-10
THREADS: EXT. CL 2A, INT. CL 2B COMMODITY CODE	ENGINEER D. HAIR	3-31-67	SIZE	
	APPROVAL <i>[Signature]</i>	3-31-67	CODE IDENT. NO.	DWG NO.
			90536	7075192
			SCALE	WEIGHT
				SHEET 1 OF 1

REVISIONS						
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK	DATE	APPROVED

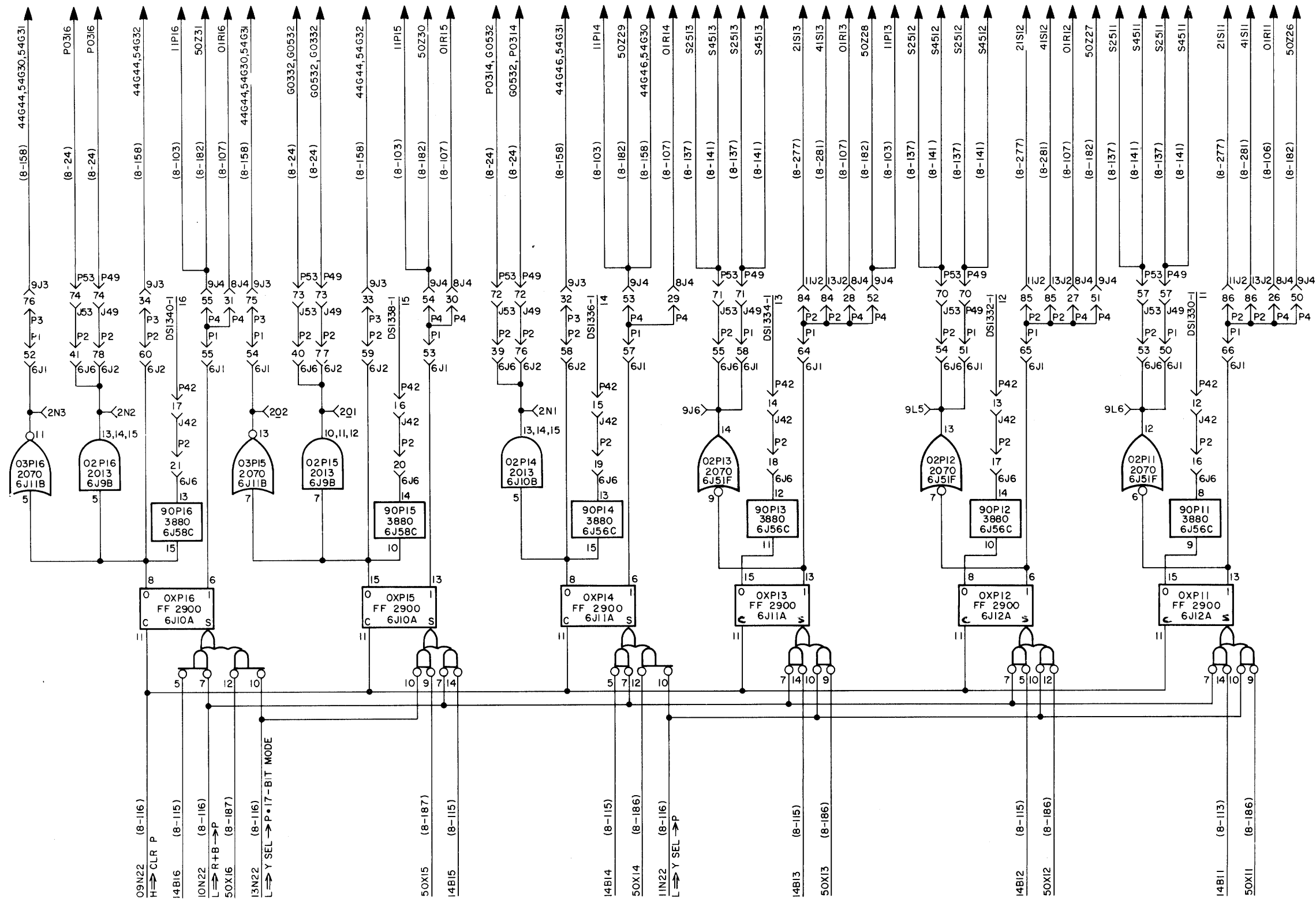


FIGURE 8-119

IDENT NO. 7075193-00

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOL. 2 PLACE 3 PLACE ANGLES DECIMALS DECIMALS + + + - - - HOLE DIA. TOL. 0 THRU .251 THRU .501 AND LARGER +.003 +.005 +.010 -.002 -.003 -.005 THREADS: EXT. CL 2A, INT. CL 2B COMMODITY CODE	LAYOUT	DATE	CLASS	UNIVAC DEFENSE SYSTEMS DIVISION <small>DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55118</small>
	DRAFTSMAN D. LODGE	12-12-6	A	TITLE
	CHECKER B. POPOV			FUNCTIONAL SCHEMATIC, P REGISTER BITS 11-16
	ENGINEER D. HAIR			SIZE
APPROVAL <i>[Signature]</i>			CODE IDENT. NO.	DWG NO.
			D 90536	7075193
	SCALE	WEIGHT	SHEET 1 OF 1	

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION
A		71691	SEE EIR

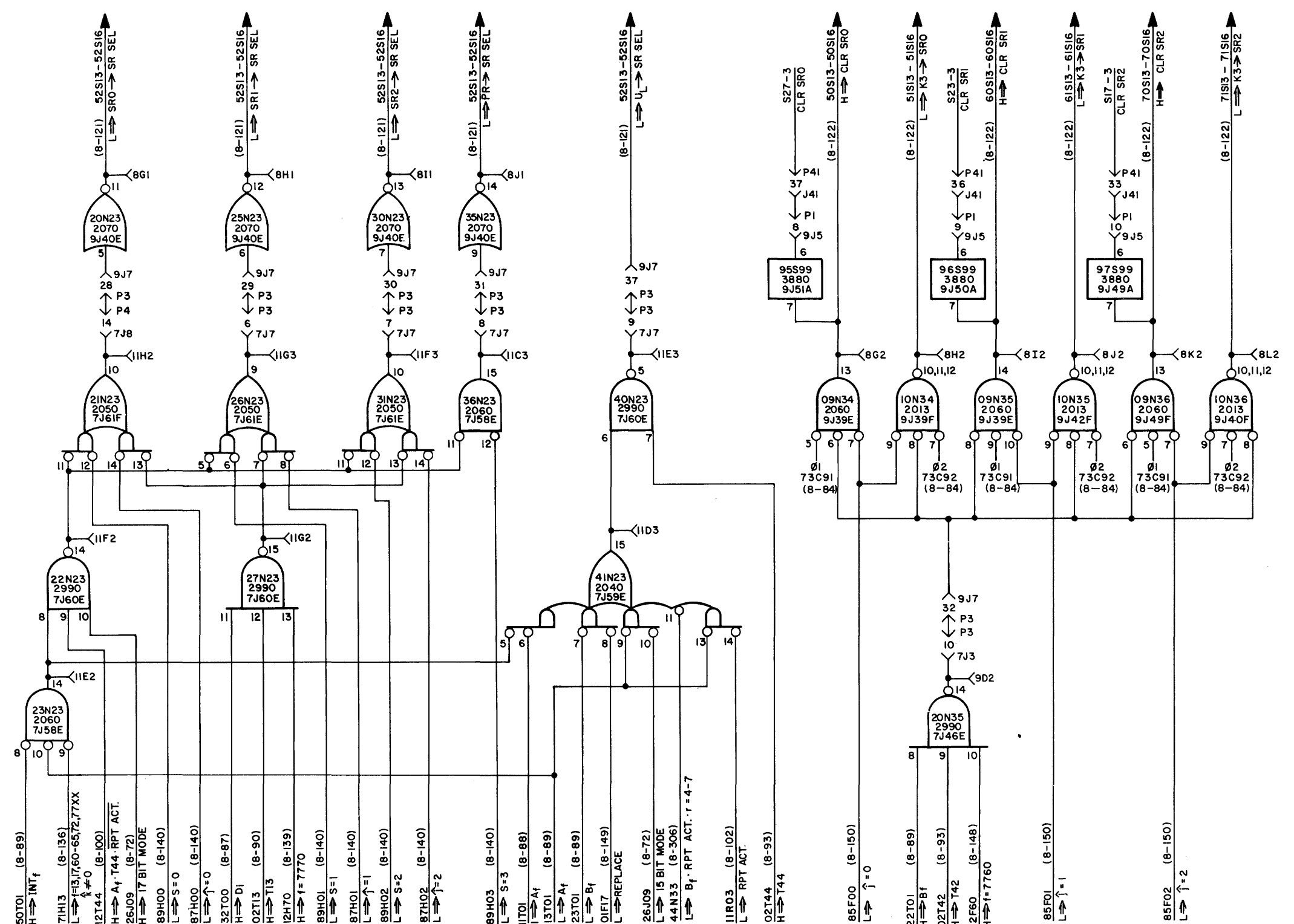


FIGURE 8-120

IDENT NO. 7032660-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE
2 PLACE DECIMALS	± 0.005
3 PLACE DECIMALS	± 0.0005
ANGLES	± 0.005
HOLE DIAMETER TOLERANCE	
0 THRU .250	± 0.005
.251 THRU .500	± 0.0025
.501 & LARGER	± 0.0015
THREADS: EX. CL. 2A, INT. CL. 2B	
MATERIAL	FINISH
APPLICATION	
COMMODITY CODE	

LAYOUT	DATE	CLASS
J. KETTER	5-4-65	A
CHECKER	B.P.	
ENGINEER	D.H.	
APPROVAL		

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

UNIVAC	
DIVISION OF SPERRY RAND CORPORATION	
TITLE	FUNCTIONAL SCHEMATIC, SR & SR SELECT CONTROL
CODE IDENT NO.	90536
SIZE	D
DWG NO.	7032660
SCALE	WEIGHT
	SHEET OF

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

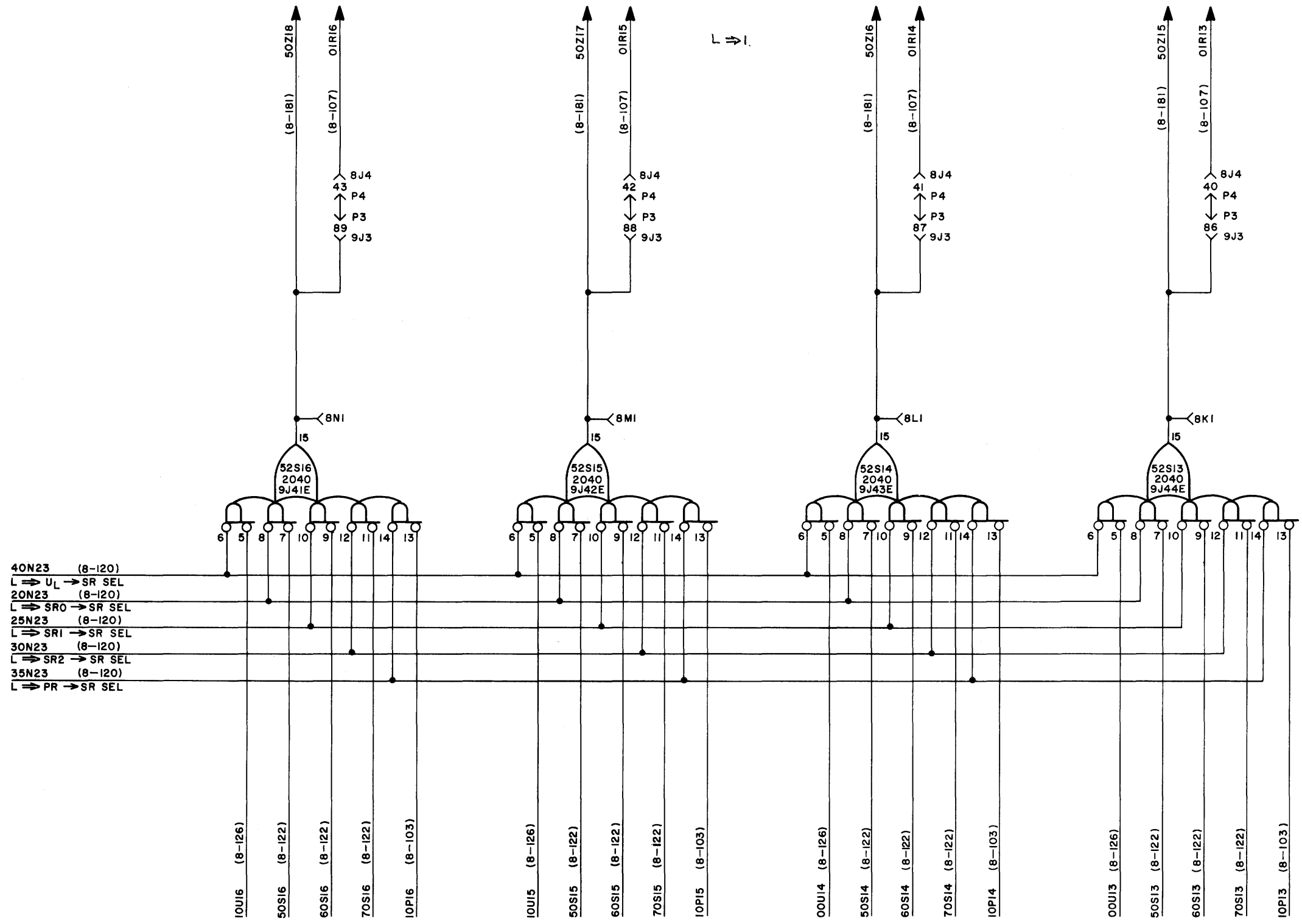


FIGURE 8-121

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	

IDENT NO. 7032666-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS	LIST OF MATERIAL	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN	5-21-65	A	UNIVAC	
HOLE DIAMETER TOLERANCE		V. STEEBER			DIVISION OF SPERRY RAND CORPORATION	
0 THRU .250 ± .003		CHECKER			TITLE	
.251 THRU .500 ± .005		B. POPOV			FUNCTIONAL SCHEMATIC, SR SELECT	
.501 & LARGER ± .010		ENGINEER			CODE IDENT NO.	
THREADS: EXT. CL. 2A, INT. CL. 2B		D. HAIR			SIZE	
MATERIAL		APPROVAL			DWG NO.	
EQUIPMENT					90536 D 7032666	
APPLICATION					SCALE	
COMMODITY CODE					WEIGHT	
FINISH					SHEET 1 OF 1	

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION
OK	DATE	APPROVED	

H ↓

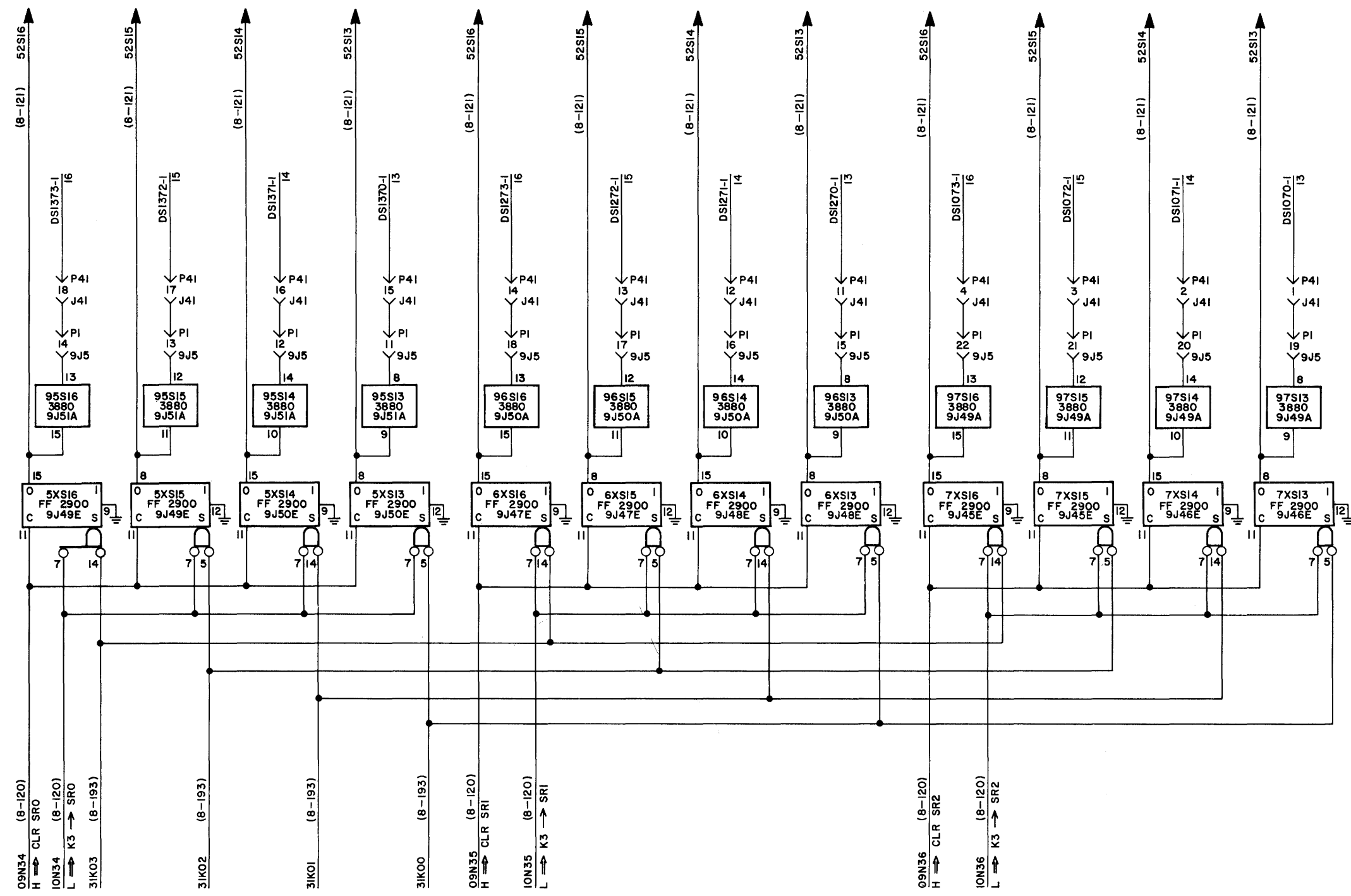


FIGURE 8-122

QTY	REQD	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL								
					LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION
					DRAFTSMAN D. KOIVU	5-6-65	A	
					CHECKER B. POPOV		TITLE	FUNCTIONAL SCHEMATIC, SR0, SR1, & SR2
					ENGINEER D. HAIR			
					APPROVAL <i>D. V. Meyer</i>		CODE IDENT NO.	SIZE
							90536	D
							DWG NO.	7032668
							SCALE	WEIGHT
							SHEET	OF

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON	
2 PLACE DECIMALS	3 PLACE DECIMALS
±	±
HOLE DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
+ .003	+ .005
-.002	-.005
THREADS: EXT. CL 2A, INT CL 2B	
MATERIAL	FINISH
APPLICATION	
COMMODITY CODE	

IDENT NO. 7032668-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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REVISIONS			
SYM	ZONE	DESCRIPTION	DATE
A	Ei3321	17 BIT MODE INTERRUPT JUMP	

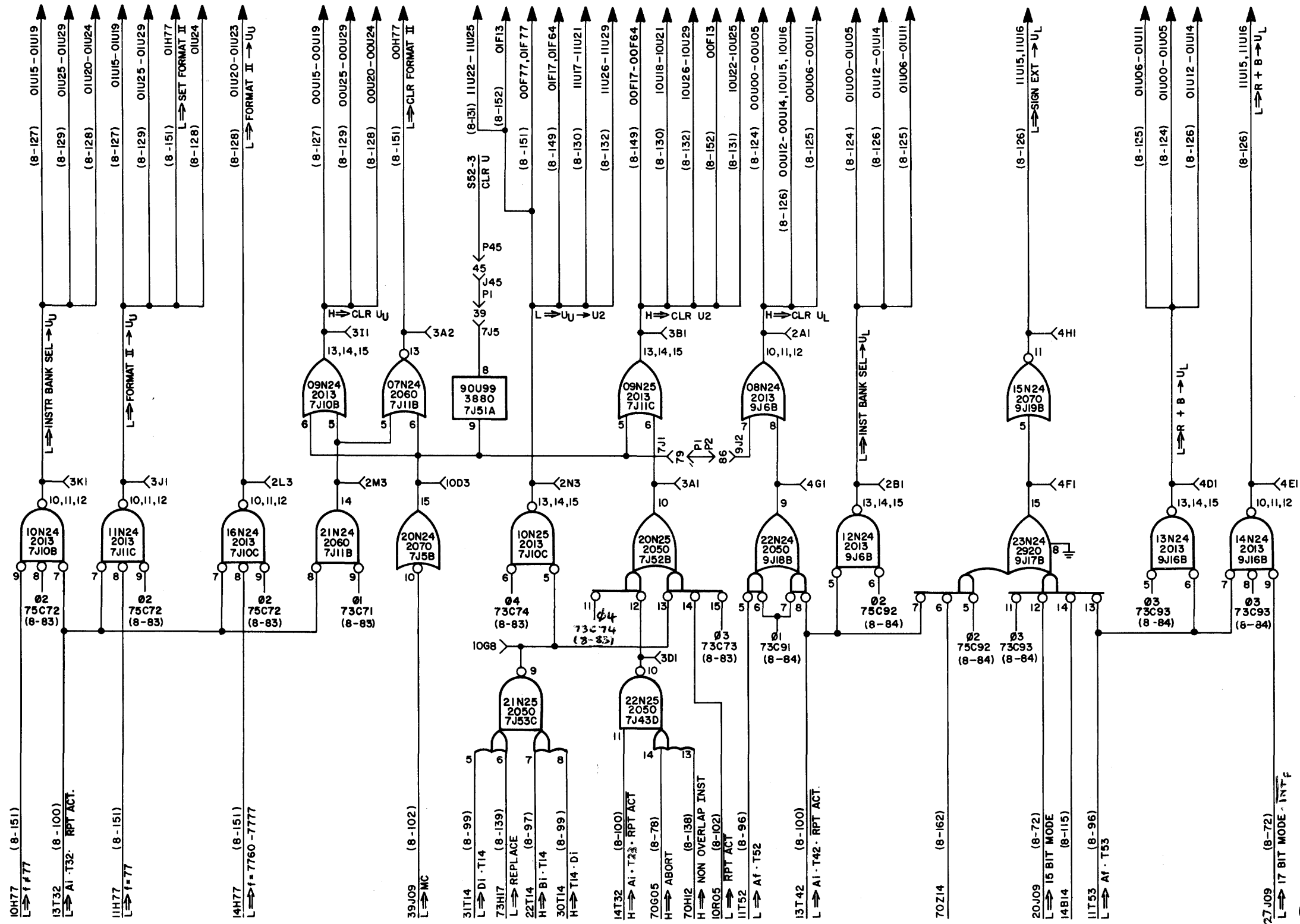


FIGURE 8-123

IDENT NO. 7075246-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES TOLERANCE ON		LAYOUT		DATE		CLASS	
2 PLACE DECIMALS	3 PLACE DECIMALS	ANGLES	HOLE DIAMETER TOLERANCE	0 THRU .250	.251 THRU .500	.501 & LARGER	THREADS: EXT. INT. CL. 2B	MATERIAL	FINISH
±.005	±.002	±.005	±.005	±.005	±.005	±.005			
NEXT ASSY		EQUIPMENT		APPLICATION		COMMODITY CODE		UNLESS OTHERWISE SPECIFIED	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL		UNIVAC	
DIVISION OF SPERRY RAND CORPORATION		DIVISION OF SPERRY RAND CORPORATION	
DRAFTSMAN	M. THOMPSON	DATE	3-7-67
CHECKER	STRELNIKS	DATE	5-31-67
ENGINEER	D. FREE	DATE	5-31-67
APPROVAL	<i>[Signature]</i>	DATE	5-31-67
CODE IDENT NO.	90536	SIZE	D
DWG NO.	7075246	SCALE	
SHEET		OF	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		77401	SEE EIR		2/22/66	RSP

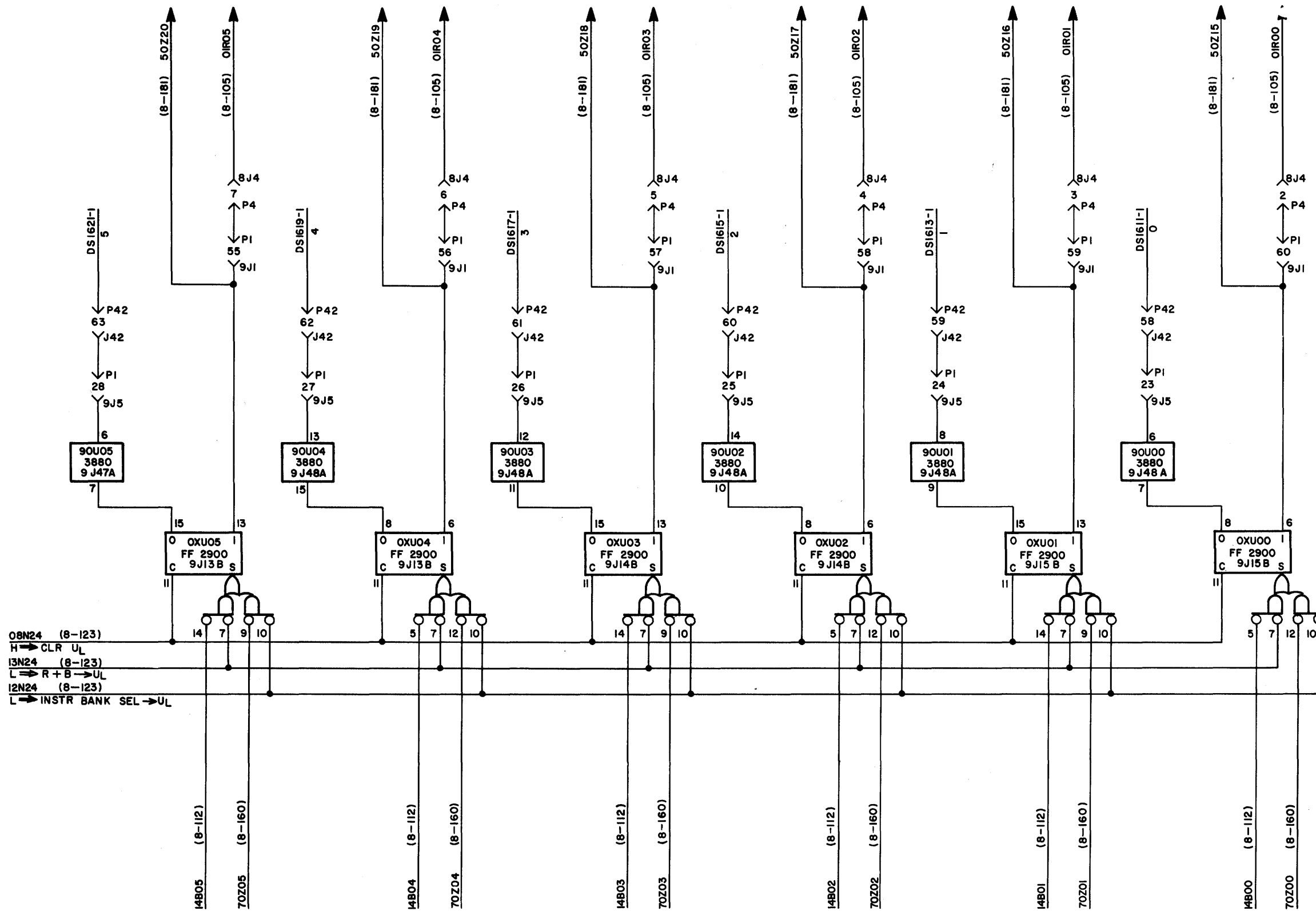


FIGURE 8-124

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
				DATE	CLASS	UNIVAC	
				4/22/65	A	DIVISION OF SPERRY RAND CORPORATION	
				LAYOUT	TITLE		
				R-H PHERNETTON	FUNCTIONAL SCHEMATIC,		
				CHECKER	UL REGISTER BITS 00-05		
				B-POPOV			
				ENGINEER			
				D. HAIR			
				APPROVAL			
				R.C. Wagner			
				DATE	CLASS	CODE IDENT NO.	SIZE
				9/15/65	A	90536	D
						DWG NO.	7032700
						SCALE	WEIGHT
						SHEET 1 OF 1	

IDENT NO. 7032700-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE ON
2 PLACE DECIMALS	3 PLACE DECIMALS
± .005	± .002
± .002	± .001
HOLE DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
± .003	± .002
± .002	± .001
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	FINISH
APPLICATION	COMMODITY CODE

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APPROVED

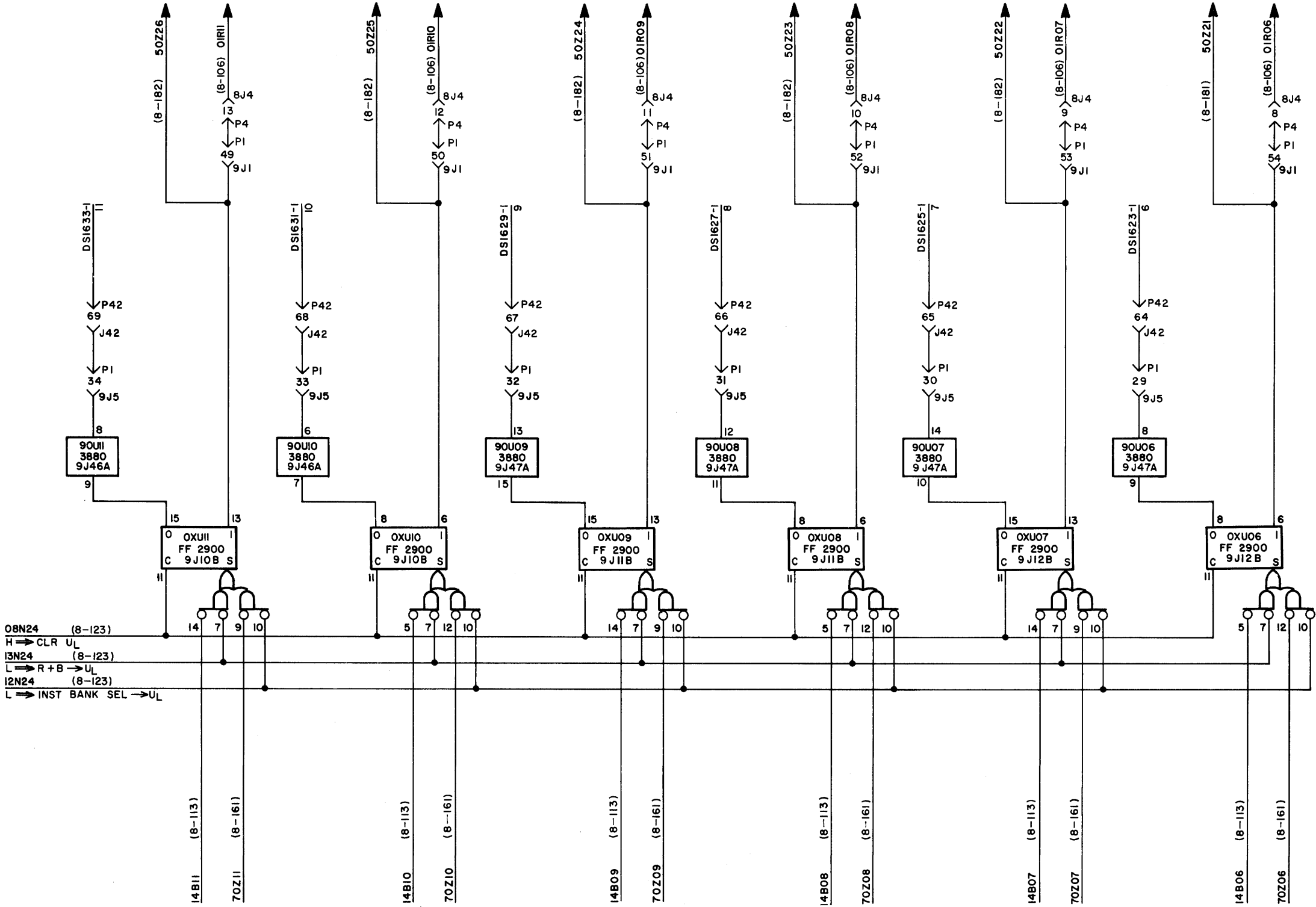


FIGURE 8-125

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							

IDENT NO. 7032701-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE SPECIFIED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED	DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS	± .005
	DIMENSION IN INCHES TOLERANCE ON 3 PLACE DECIMALS	± .001
HOLE DIAMETER TOLERANCE	0 THRU .250	± .003
	.251 THRU .500	± .005
THREADS: EXT. CL. 2A, INT. CL. 2B	.501 & LARGER	± .010
		± .005
MATERIAL	FINISH	
APPLICATION	COMMODITY CODE	

LAYOUT	DATE	CLASS
DRAFTSMAN	42265	A
CHECKER	B.P. 9-15-65	
ENGINEER	D.H. 9-15-65	
APPROVAL	D.H. 9-15-65	

UNIVAC			
DIVISION OF SPERRY RAND CORPORATION			
TITLE			
FUNCTIONAL SCHEMATIC, U_L REGISTER BITS O6-11			
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7032701	
SCALE	WEIGHT	SHEET 1 OF 1	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		71691	SEE EIR		
B		77401	SEE EIR		
C	E13313	13917K2	INSTRUCTION CORRECTION		

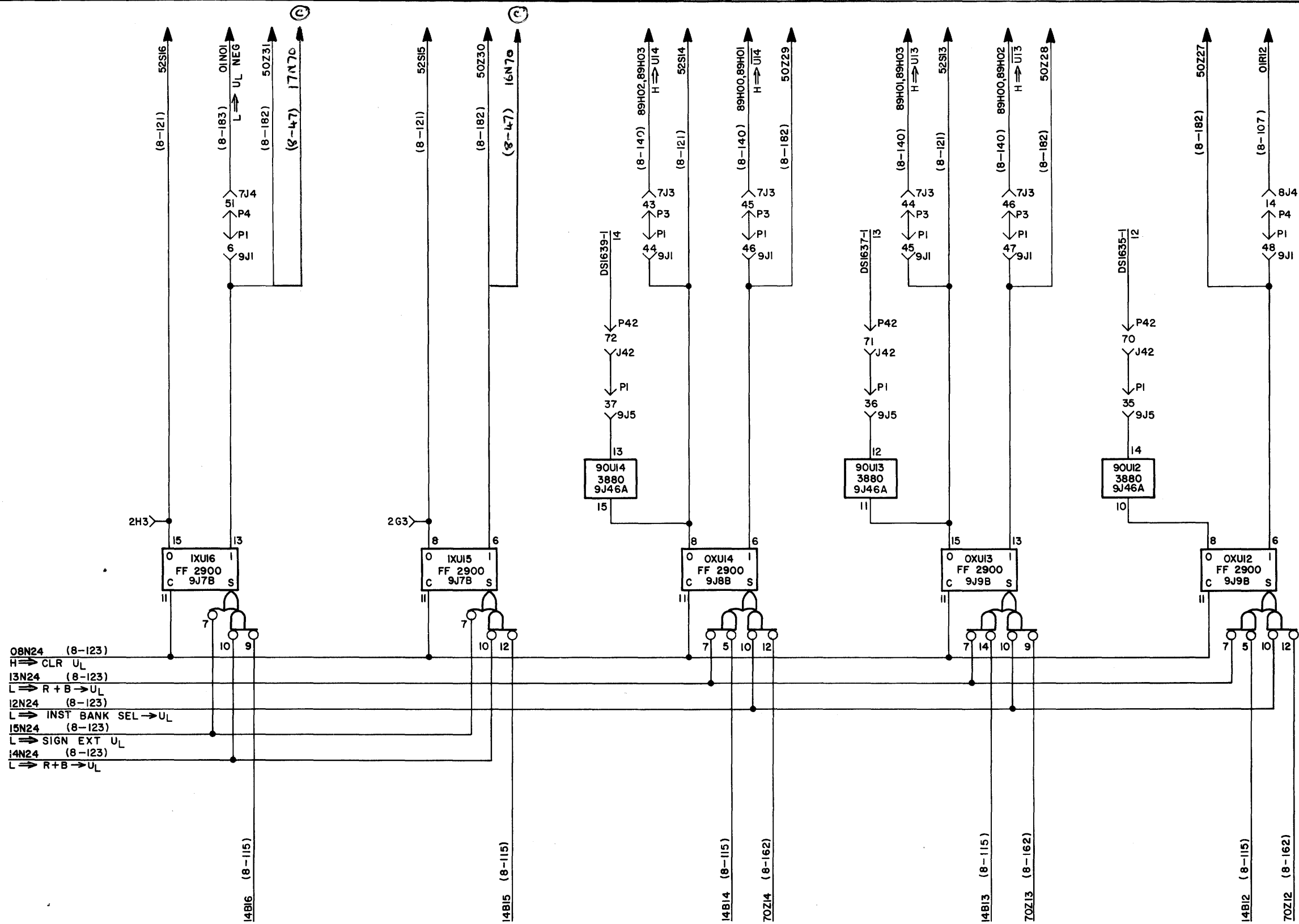


FIGURE 8-126

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						
			LAYOUT		DATE	CLASS
			DRAFTSMAN		5-12-65	A
			CHECKER			TITLE
			ENGINEER			FUNCTIONAL SCHEMATIC, UL REGISTER BITS 12-16
			APPROVAL			CODE IDENT NO.
						SIZE
						DWG NO.
						7032702
						SCALE
						WEIGHT
						SHEET 1 OF 1

IDENT NO. 7032702-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES, TOLERANCE ON:	
FINISH	
THREADS, EXCEPT AS NOTED	
MATERIAL	
APPLICATION	
EQUIPMENT	
COMMODITY CODE	

DATE	5-12-65
CHECKER	B. POPOV
ENGINEER	D. HAIR
APPROVAL	

CLASS	A
TITLE	FUNCTIONAL SCHEMATIC, UL REGISTER BITS 12-16
CODE IDENT NO.	90536
SIZE	D
DWG NO.	7032702
SCALE	
WEIGHT	
SHEET	1 OF 1

REVISIONS				
REV	ZONE	EIR	DESCRIPTION	DATE
A		71691	SEE EIR	8/22/65
B		77384	SEE EIR	9/15/65

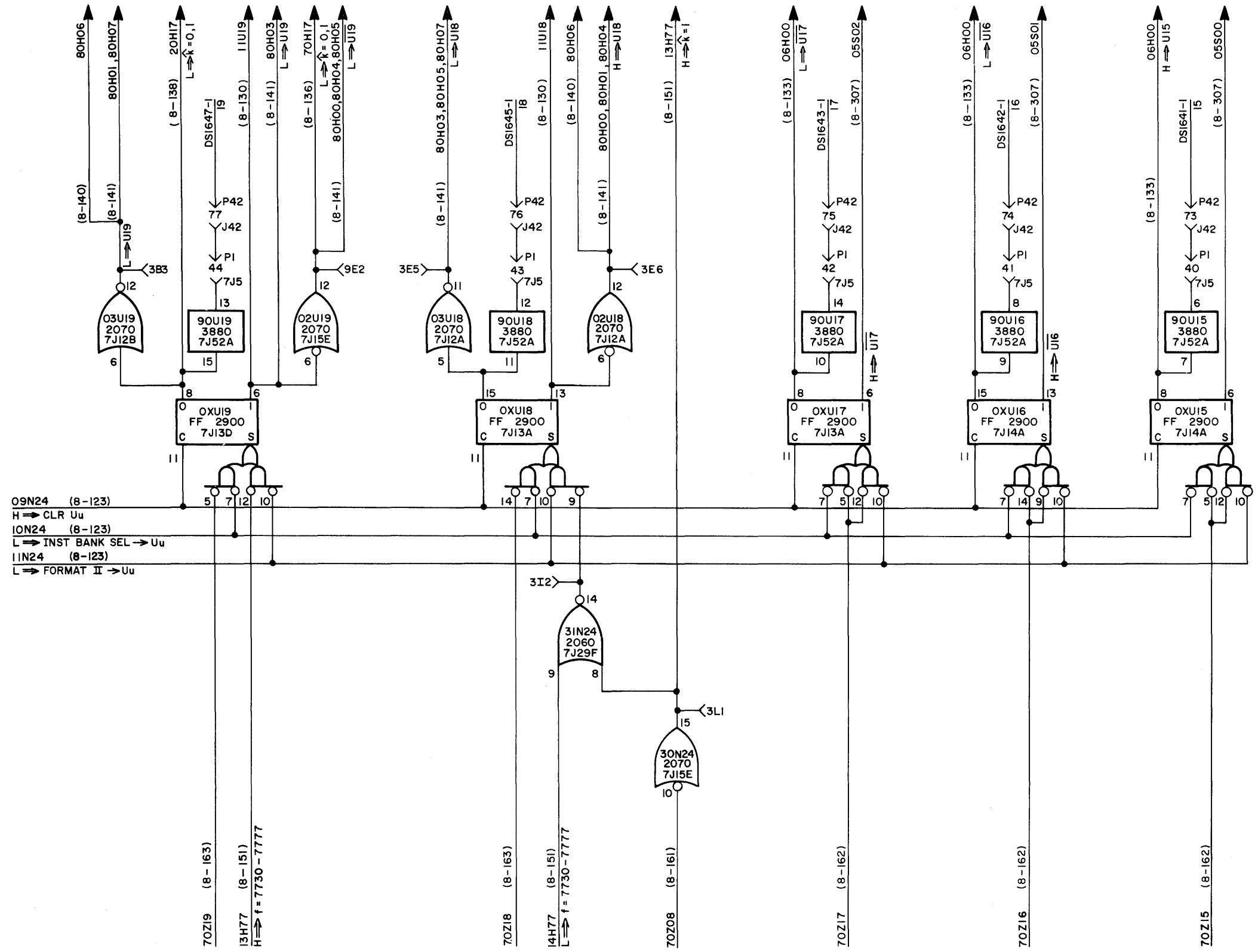


FIGURE 8-127

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

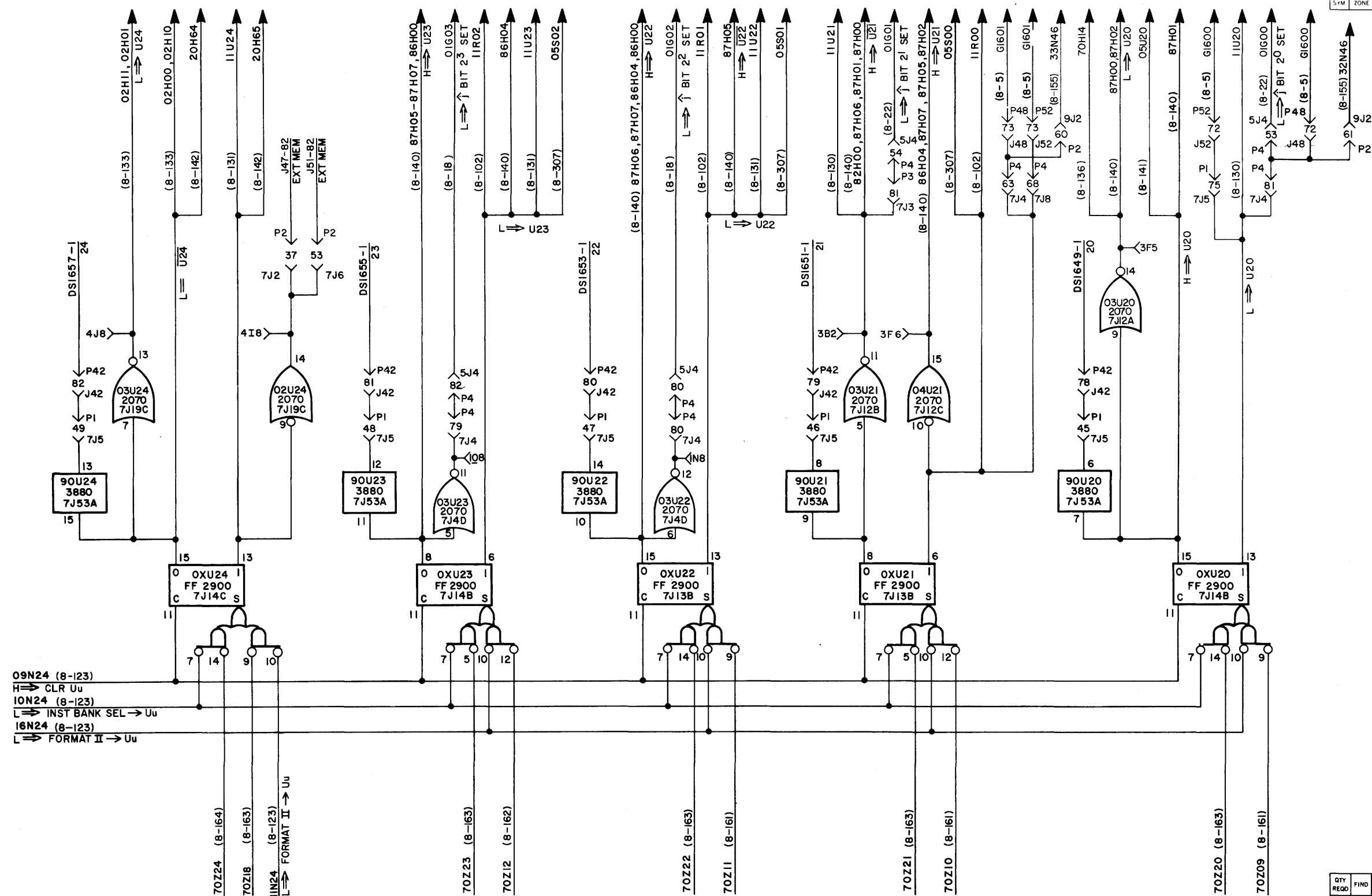
LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION
	6-9-65	A	
DRAFTSMAN	TITLE		
D.C. WHEELER	FUNCTIONAL SCHEMATIC, UU REGISTER BITS 15-19		
CHECKER	DATE	ENGINEER	CODE IDENT NO.
B. POPOV	9.15.65	D. HAIR	90536
APPROVAL	DATE	SIZE	DWG NO.
<i>[Signature]</i>	9.15.65	D	7032703
SCALE		WEIGHT	SHEET OF

IDENT NO. 7032703-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE GENERAL DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING AGREEMENT:

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LINE NO.	DESCRIPTION	QUANTITY	UNIT



09N24 (8-123)
 H → CLR U_u
 10N24 (8-123)
 L → INST BANK SEL → U_u
 16N24 (8-123)
 L → FORMAT II → U_u

70Z24 (8-164)
 70Z18 (8-163)
 11N24 (8-123)
 L → FORMAT II → U_u

70Z23 (8-163)
 70Z12 (8-162)

70Z22 (8-163)
 70Z11 (8-161)

70Z21 (8-163)
 70Z10 (8-161)

70Z20 (8-163)
 70Z09 (8-161)

FIGURE 8-128

IDENT NO. 7075194-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
 ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			LAYOUT			
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .003			DATE			
HOLE DIAMETER TOLERANCE			CLASS			
0 THRU .250 ± .003			A			
.251 THRU .500 ± .005			DRAFTSMAN			
.501 & LARGER ± .010			G. S. WHEBBE			
THREADS: EXT. CL 2A, INT. CL 2B			DATE			
MATERIAL			12-8-66			
FINISH			CHECKER			
NEXT ASY			B. POPOV			
EQUIPMENT			ENGINEER			
APPLICATION			D. HAIR			
COMMODITY CODE			APPROVAL			
			<i>[Signature]</i>			

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			LAYOUT			
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .003			DATE			
HOLE DIAMETER TOLERANCE			CLASS			
0 THRU .250 ± .003			A			
.251 THRU .500 ± .005			DRAFTSMAN			
.501 & LARGER ± .010			G. S. WHEBBE			
THREADS: EXT. CL 2A, INT. CL 2B			DATE			
MATERIAL			12-8-66			
FINISH			CHECKER			
NEXT ASY			B. POPOV			
EQUIPMENT			ENGINEER			
APPLICATION			D. HAIR			
COMMODITY CODE			APPROVAL			
			<i>[Signature]</i>			

FUNCTIONAL SCHEMATIC,
 U_J REGISTER BITS 20-24

CODE IDENT NO. 90536
 SIZE D
 DWG NO. 7075194
 SCALE WEIGHT SHEET 1 OF 1

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APPROVAL

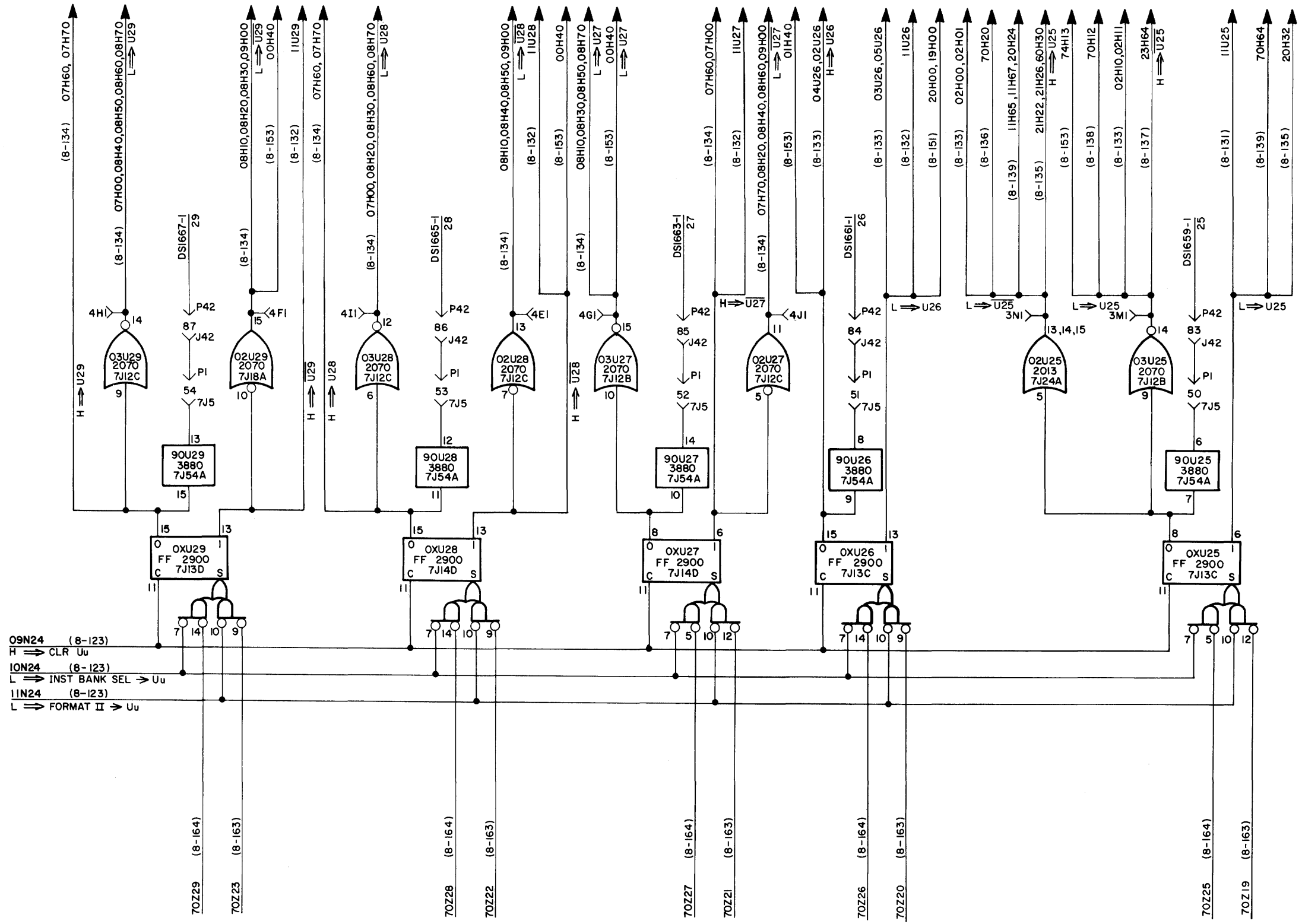


FIGURE 8-129

IDENT NO. 7075195-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			LAYOUT			
DIMENSION IN INCHES TOLERANCE ON			DATE			
2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES			CLASS			
±			A			
HOLE DIAMETER TOLERANCE			DRAFTSMAN			
0 THRU .250 ±.001 THRU .500 ±.001 .501 & LARGER ±.010			E. BICKETT			
THREADS, EXCEPT AS NOTED INT CL 2B			CHECKER			
MATERIAL			B. POPOV			
FINISH			ENGINEER			
NEXT ASSY			D. HAIR			
EQUIPMENT			APPROVED			
APPLICATION			3-31-67			
COMMODITY CODE			DATE			
			12-8-66			
			3-31-67			
			3-31-67			
			TITLE			
			FUNCTIONAL SCHEMATIC,			
			U _U REGISTER BITS 25-29			
			CODE IDENT NO.			
			90536			
			SIZE			
			D			
			DWG NO.			
			7075195			
			SCALE			
			WEIGHT			
			SHEET 1 OF 1			

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED

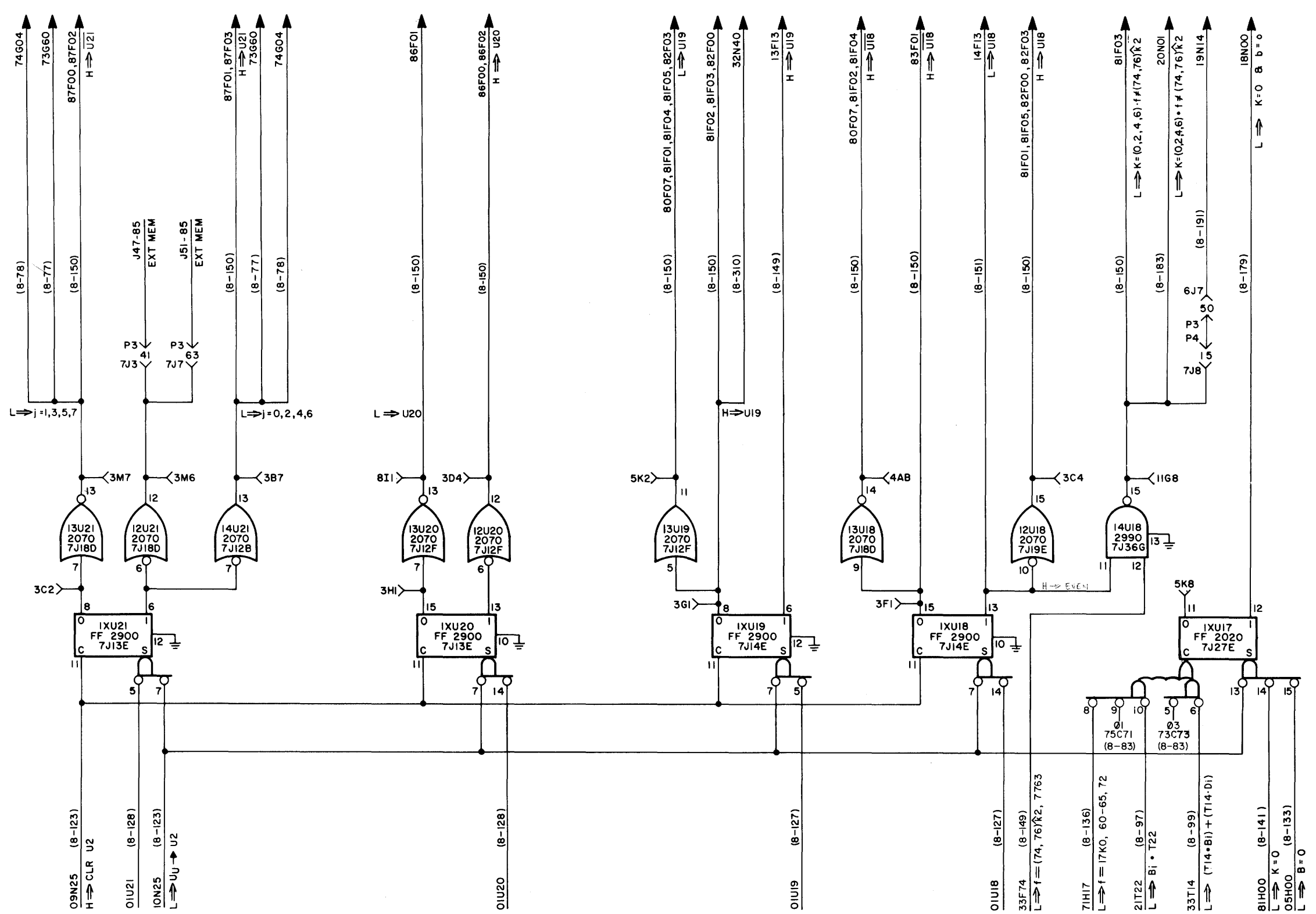


FIGURE 8-130

QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL			
QTY	FIND	REF	DES

UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS	DRAFTSMAN	12-9-66	A
HOLE DIAMETER TOLERANCE	E. BICKETT	TITLE	FUNCTIONAL SCHEMATIC, U2 REGISTER BITS 17-21
0 THRU .250 ±.003	CHECKER	B. POPOV	3-31-67
.251 THRU .500 ±.005	ENGINEER	D. HAIR	3-31-67
.501 & LARGER ±.010	APPROVED	<i>[Signature]</i>	3-31-67
THREADS: EXT. CL. 2A. INT. CL. 2B	MATERIAL		
	FINISH		

IDENT NO. 7075196-00	CODE IDENT NO.	SIZE	DWG NO.
	90536	D	7075196

SCALE	WEIGHT	SHEET	OF

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REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

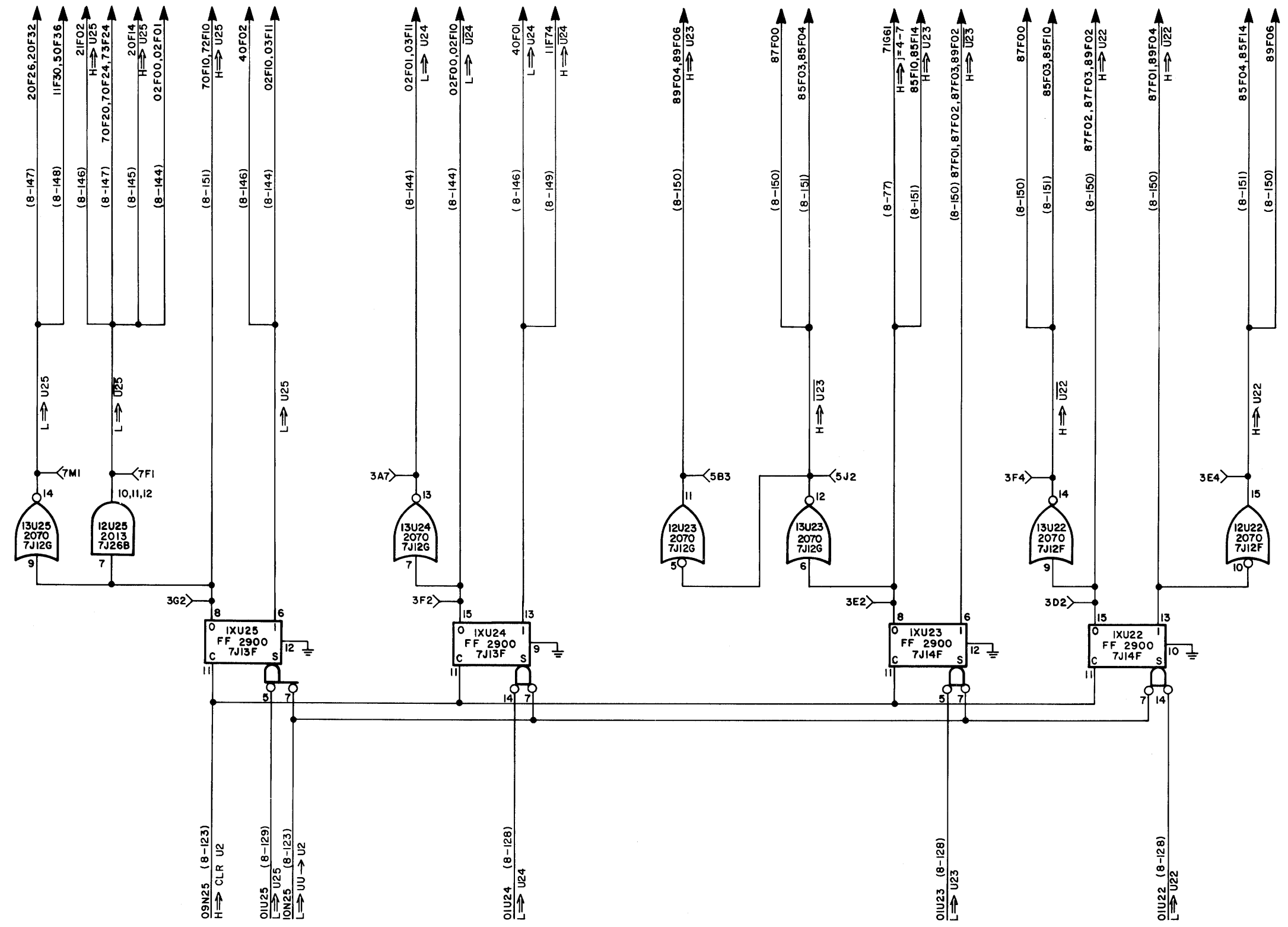


FIGURE 8-131

IDENT NO. 7075197-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT.

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QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			DIMENSION IN INCHES. TOLERANCE ON		LAYOUT	
2 PLACE DECIMALS		3 PLACE DECIMALS		ANGLES		DATE
±		±		±		CLASS
HOLE DIAMETER TOLERANCE		HOLE DIAMETER TOLERANCE		HOLE DIAMETER TOLERANCE		TITLE
0 THRU .250		.251 THRU .500		.501 & LARGER		DRAFTSMAN
+ .003		+ .005		+ .010		G. S. WHEBBE
- .002		- .003		- .005		CHECKER
THREADS: EXT. CL. 2A INT. CL. 2B		MATERIAL		FINISH		ENGINEER
NEXT ASSY		EQUIPMENT		APPLICATION		D. FREE
COMMODITY CODE		FINISH		DATE		APPROVAL
						<i>D. Free</i>
UNIVAC			DIVISION OF SPERRY RAND CORPORATION		DATE	
FUNCTIONAL SCHEMATIC, U2 REGISTER BITS 22-25			DATE		CLASS	
			12-8-66		A	
CODE IDENT NO.			SIZE		DWG NO.	
90536			D		7075197	
SCALE			WEIGHT		SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APP'D

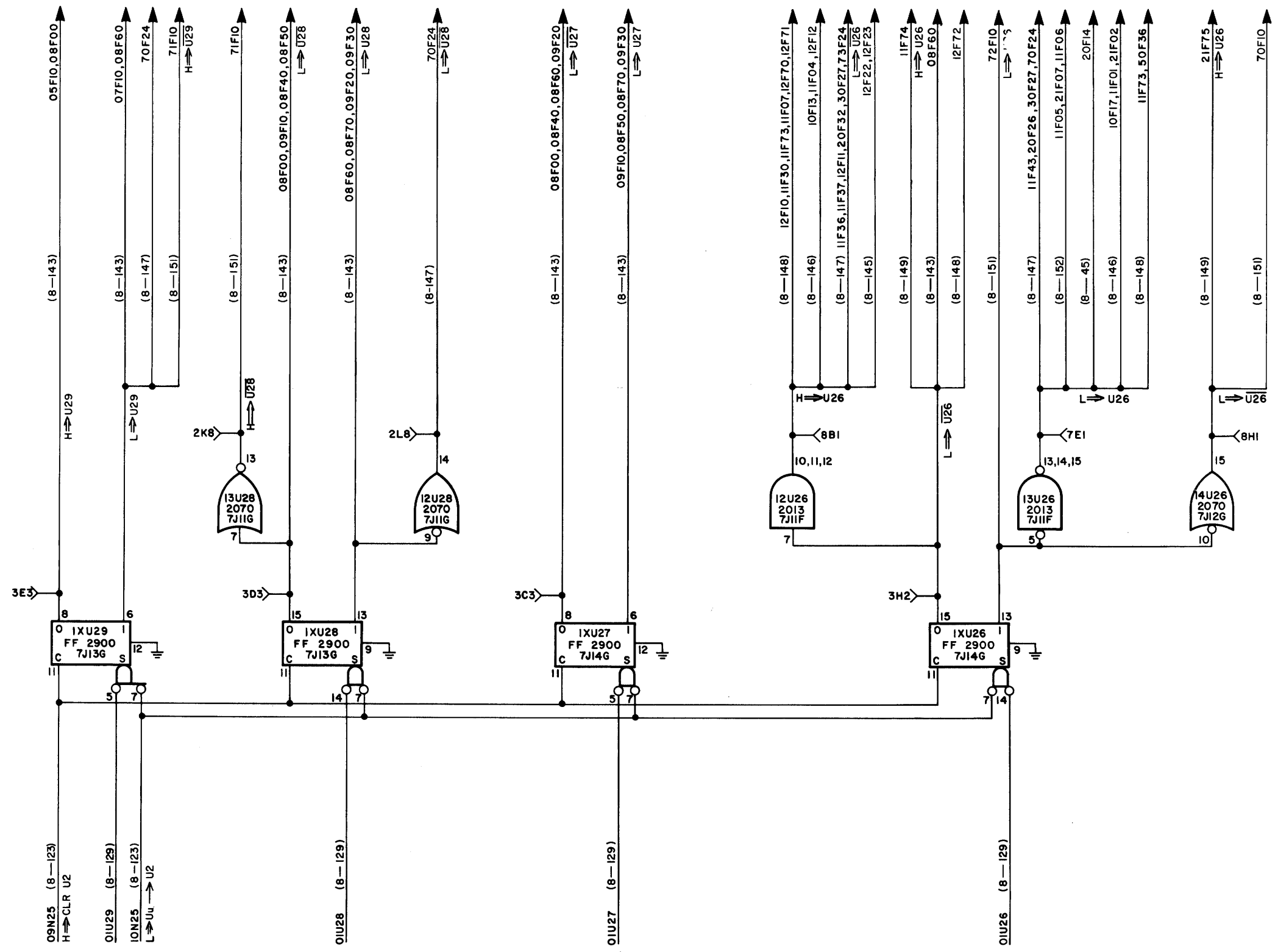


FIGURE 8-132

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
						CLASS A
						DRAFTSMAN R. C. PETERSON
						CHECKER R. E. STRELNEKS
						ENGINEER D. FREE
						DATE 12-8-66
						CLASS A
						TITLE FUNCTIONAL SCHEMATIC, U2 REGISTER BITS 26-29
						CODE IDENT NO. 90536
						SIZE D
						DWG NO. 7075198
						SCALE WEIGHT
						SHEET 1 OF 1

IDENT NO. 7075198-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON	LAYOUT
2 PLACE DECIMALS ± .005	DRAFTSMAN
3 PLACE DECIMALS ± .002	R. C. PETERSON
ANGLES ± .005	CHECKER
HOLE DIAMETER TOLERANCE	R. E. STRELNEKS
0 THRU .250 ± .003	ENGINEER
.251 THRU .500 ± .005	D. FREE
.501 & LARGER ± .010	APPROVED
THREADS: EX. CL. 2A, INT. CL. 2B	<i>D. Free</i>
MATERIAL	
FINISH	

SYMBOL		ZONE		EIR		DESCRIPTION		DATE		APPROVAL	
A		E13315		'B'		MODIFIED FAULT					

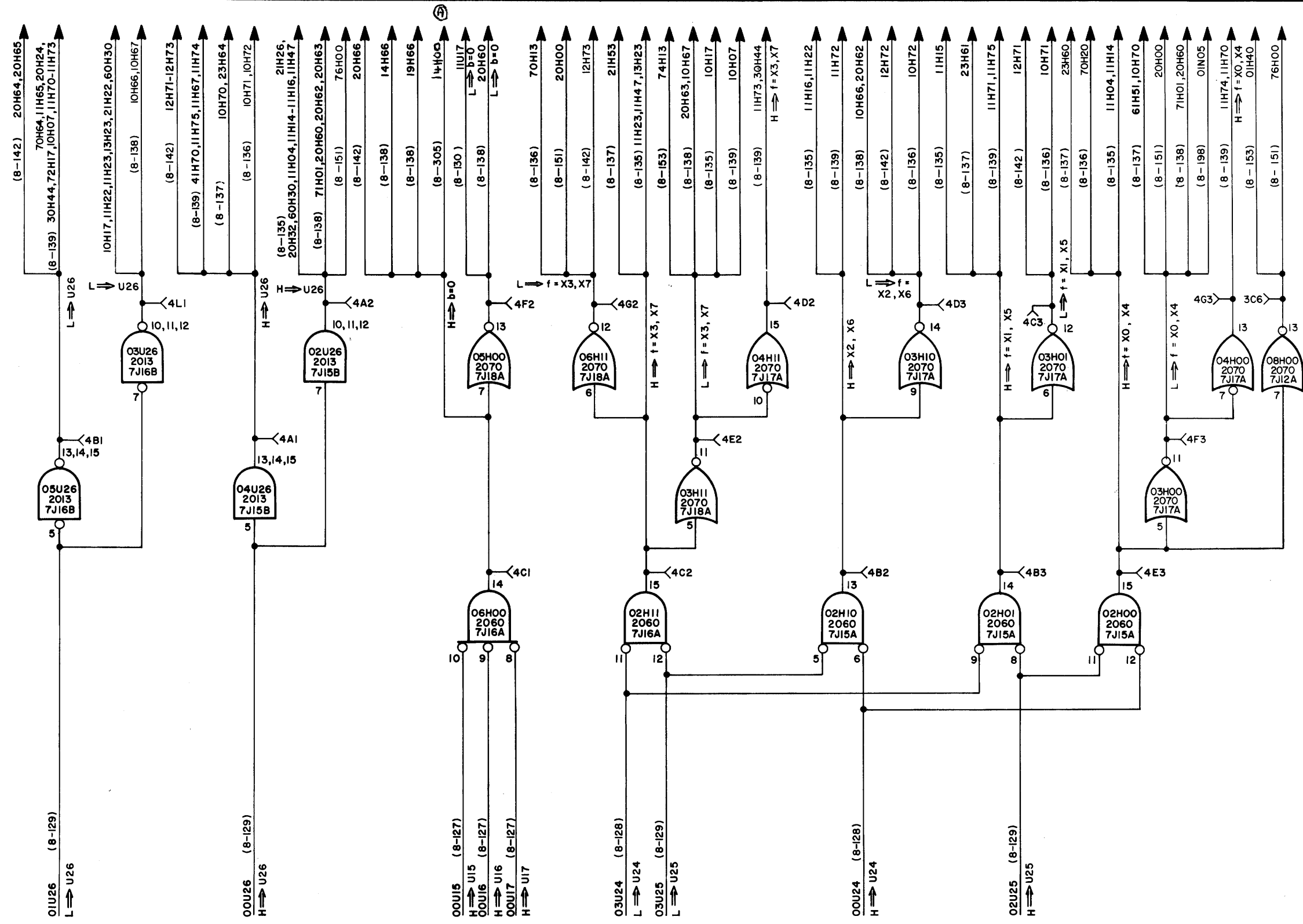


FIGURE 8-133

QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS			A
HOLE DIAMETER TOLERANCE	DRAFTSMAN		
0 THRU .250 ±.003	G.S. WHEBBE	12-12-66	
.251 THRU .500 ±.004	CHECKER		
.501 & LARGER ±.005	B. POPOV	3-31-67	
THREADS: EXT. CL 2A, INT. CL 2B	ENGINEER		
	D. FREE	3-31-67	
	APPROVAL		
	<i>D. Free</i>	3-31-67	

CODE IDENT NO.	SIZE	DWG NO.
90536	D	7075199

IDENT NO. 7075199-00

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APPLICATION	FINISH

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED

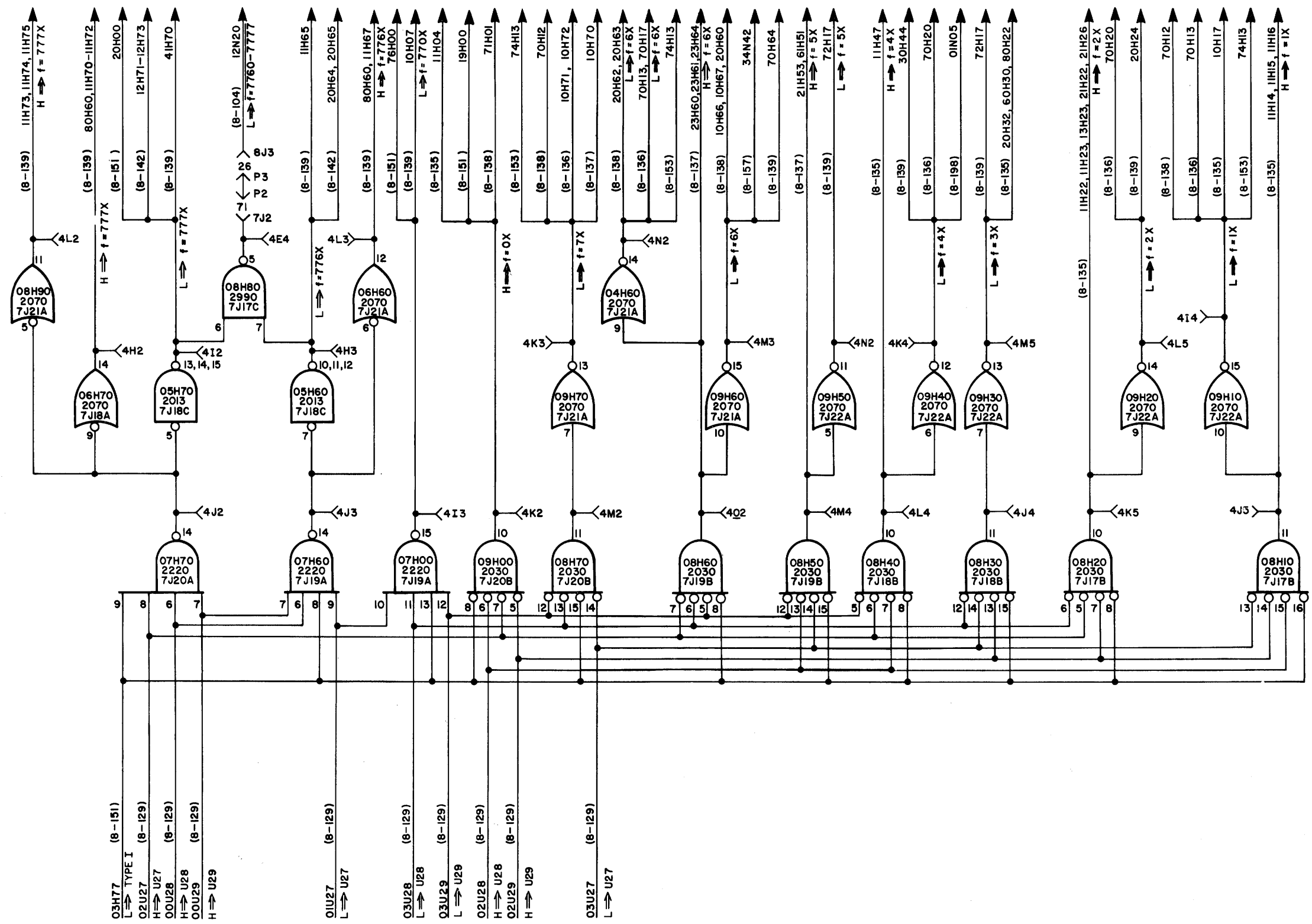


FIGURE 8-134

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	

UNIVAC
DIVISION OF SPERRY RAND CORPORATION

FUNCTIONAL SCHEMATIC,
FUNCTION CODE TRANSLATOR 2

DRAFTSMAN J. WINIECKI	DATE 2-18-67	CLASS A
CHECKER R.E. STRELNIKS	DATE 3-31-67	TITLE
ENGINEER D. FREE	DATE 3-31-67	
APPROVED <i>D. Free</i>	DATE 3-31-67	

CODE IDENT NO.	SIZE	DWG NO.
90536	D	7075244
SCALE	WEIGHT	SHEET OF

IDENT NO. 7075244-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE
DIMENSION IN INCHES TOLERANCE ON		
2 PLACE DECIMALS	±	
3 PLACE DECIMALS	±	
ANGLES	±	
HOLE DIAMETER TOLERANCE		
0 THRU .250	± .003	
.251 THRU .500	± .005	
.501 & LARGER	± .010	
THREADS: EXT. CL. 2A, INT. CL. 2B		
MATERIAL		
FINISH		

REVISIONS					
SYM	ZONE	EJR	DESCRIPTION	DATE	APPROVED

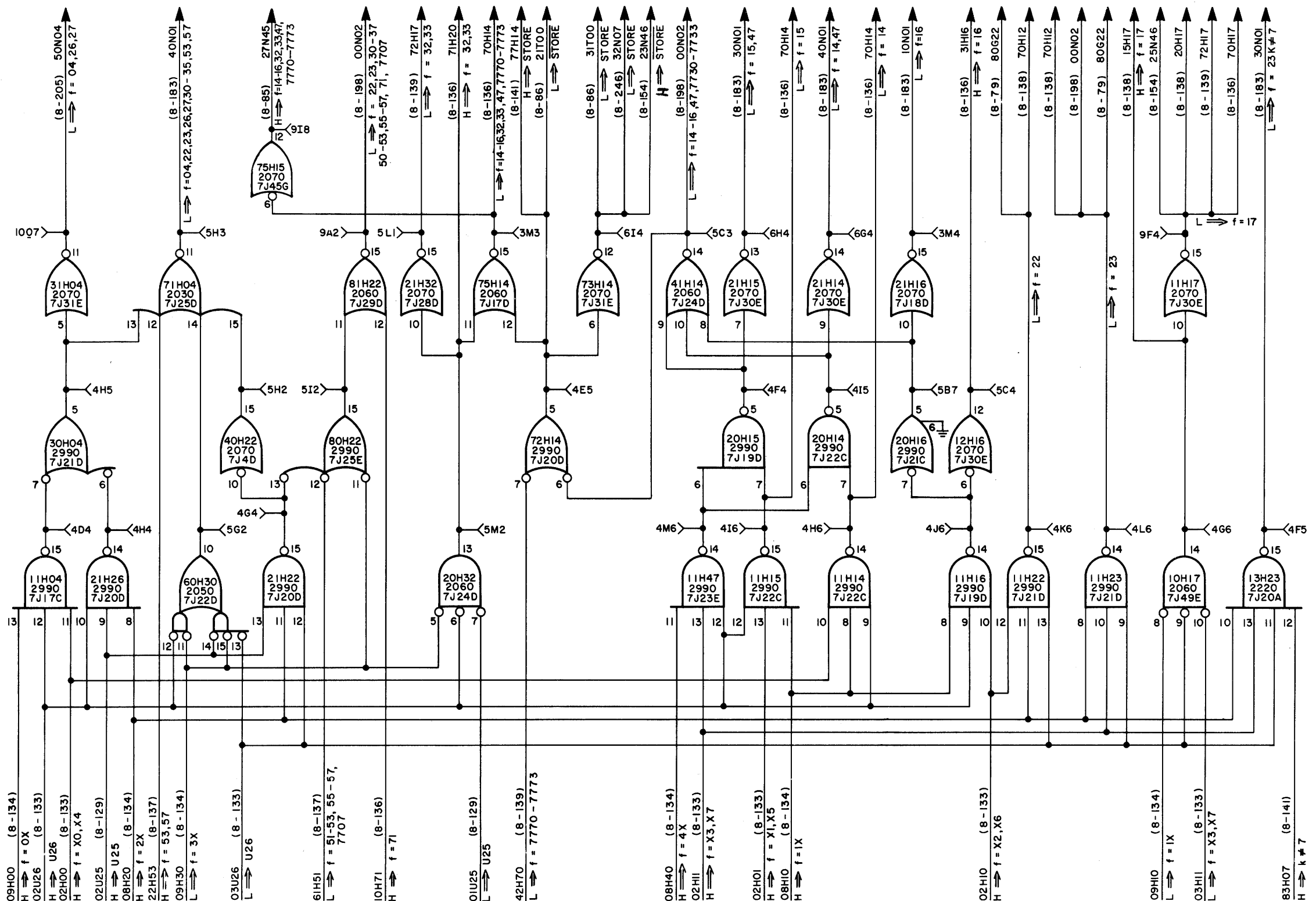


FIGURE 8-135

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS	DRAFTSMAN	12-8-66	A	UNIVAC			
DIMENSION IN INCHES. TOLERANCE ON 3 PLACE DECIMALS	R.C. PETERSON	3-31-67		DIVISION OF SPERRY RAND CORPORATION			
ANGLES	CHECKER	3-31-67		TITLE			
HOLE DIAMETER TOLERANCE	R.E. STRELNIKS	3-31-67		FUNCTIONAL SCHEMATIC,			
0 THRU .250 +.003	ENGINEER	3-31-67		FUNCTION CODE TRANSLATOR 3			
.251 THRU .500 +.005	D. FREE	3-31-67		CODE IDENT NO.	SIZE	DWG NO.	
.501 & LARGER +.010	APPROVA	3-31-67		90536	D	7075200	
-.002 -.005				SCALE	WEIGHT	SHEET 1 OF 1	
THREADS: EXT. CL. 2A, INT. CL. 2B							
MATERIAL							
FINISH							

IDENT NO. 7075200-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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REVISIONS			
SYM	ZONE	EIR	DESCRIPTION

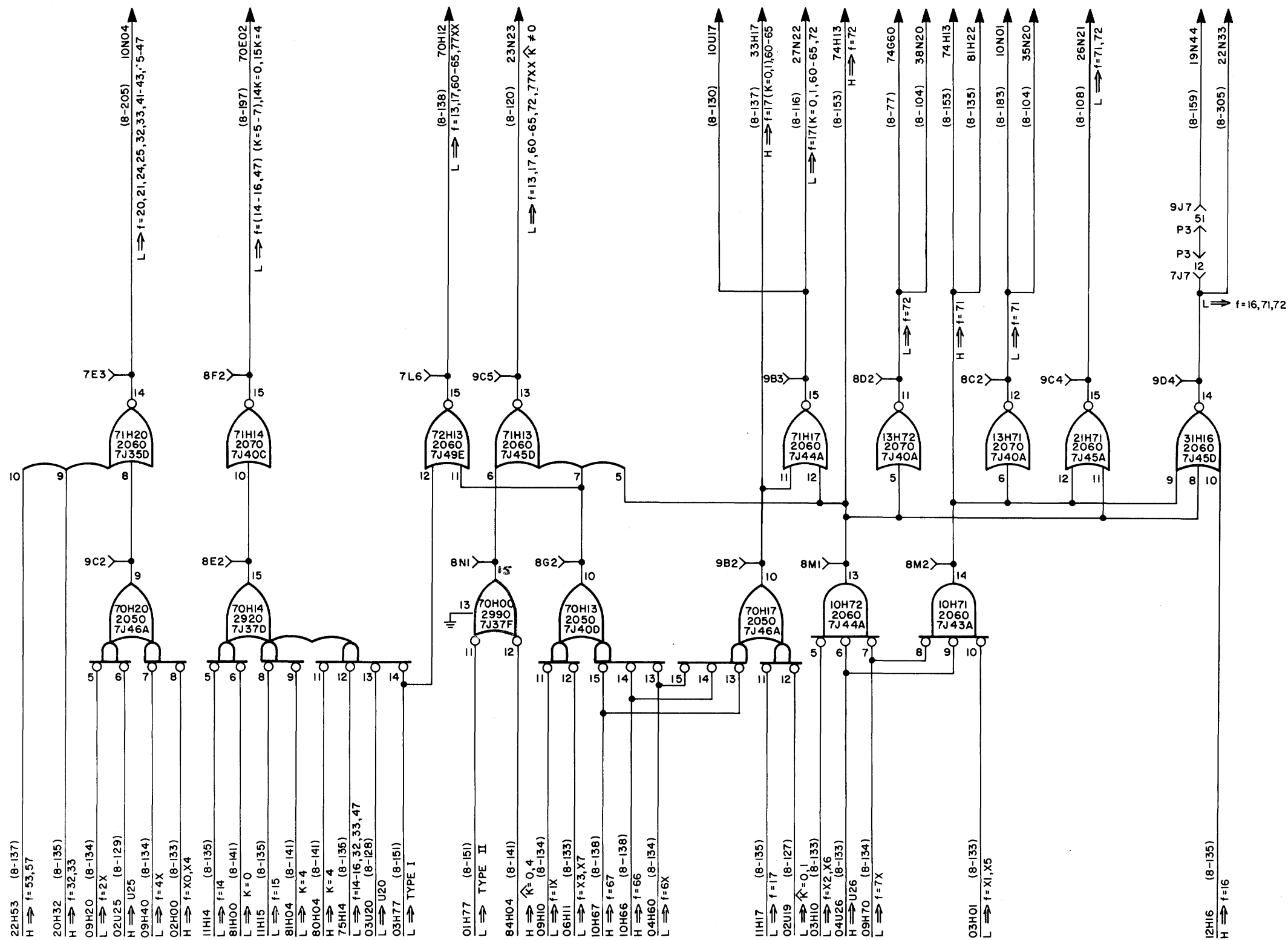


FIGURE 8-136

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			LAYOUT			
DIMENSION IN INCHES. TOLERANCE ON			DATE			
2 PLACE DECIMALS			CLASS			
3 PLACE DECIMALS			A			
ANGLES			UNIVAC			
HOLE DIAMETER TOLERANCE			DIVISION OF SPERRY RAND CORPORATION			
0 THRU .250			DRAFTSMAN			
+.003			G. HIRSCH			
.251 THRU .500			CHECKER			
+.005			STRELNICKS			
.501 & LARGER			ENGINEER			
-.002			D. FREE			
THREADS: EXT. CL. 2A, INT. CL. 2B			APPROVAL			
MATERIAL						
FINISH						
NEXT ASSY			APPLICATION			
EQUIPMENT			COMMODITY CODE			
DATE						
CLASS						
TITLE			FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR 4			
CODE IDENT NO.			90536			
SIZE			D			
DWG NO.			7075249			
SCALE						
WEIGHT						
SHEET						
OF						

IDENT NO. 7075249-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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REVISIONS				
SYM	ZONE	EIR	DATE	APPROVED
DESCRIPTION				

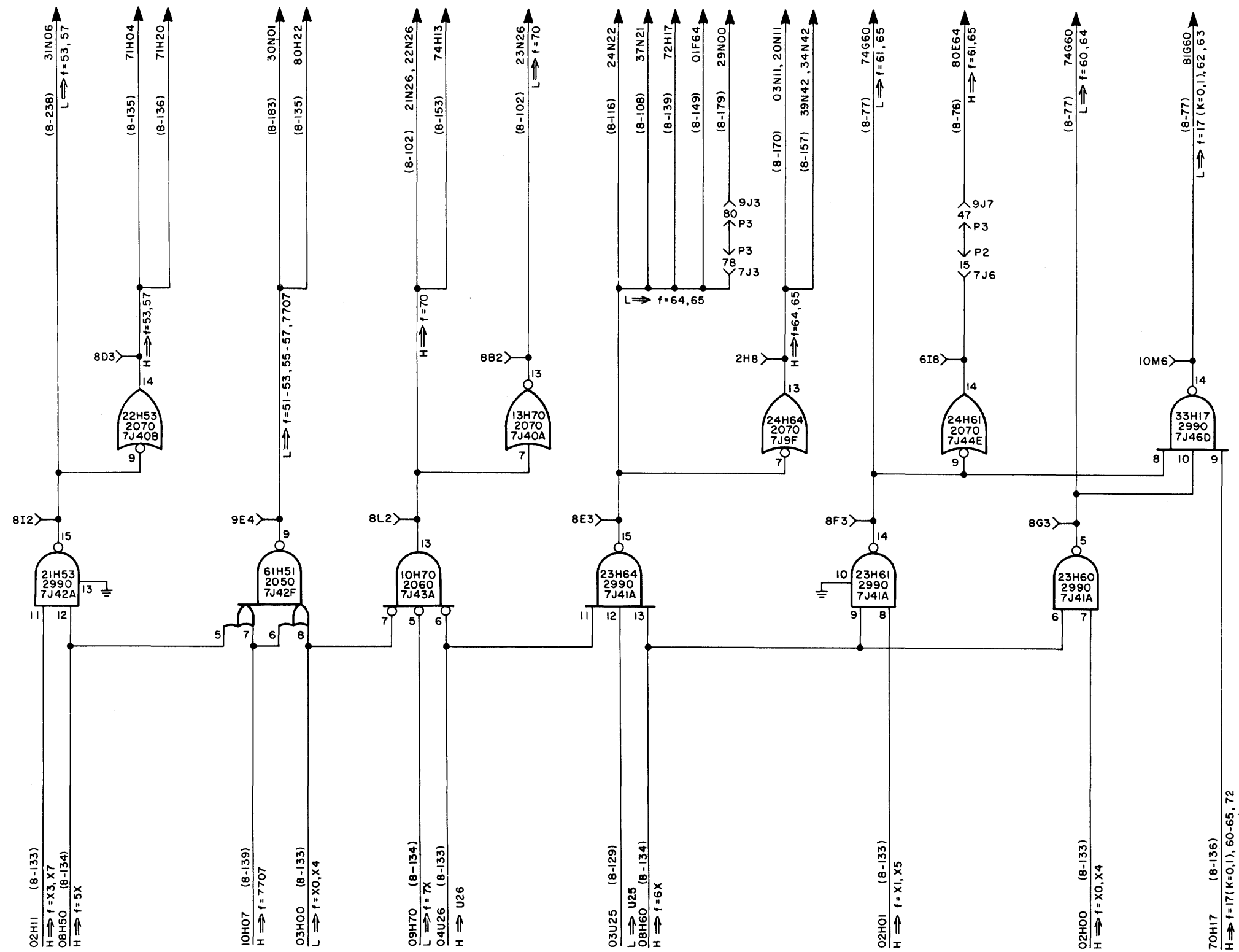


FIGURE 8-137

IDENT NO. 7075247-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES TOLERANCE ON	
2 PLACE DECIMALS	3 PLACE DECIMALS
± .005	± .002
HOLE DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
+ .003	+ .005
- .002	- .005
THREADS: EXT. CL 2A, INT. CL 2B	
MATERIAL	FINISH
APPLICATION	
COMMODITY CODE	

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION	
REQD				IDENT	SIZE	IDENTIFYING NO.		
LIST OF MATERIAL								
				CLASS	UNIVAC			
				DRAFTSMAN	G. HIRSCH			
				CHECKER	STRELNIEKS			
				ENGINEER	D. FREE			
				DATE	3-31-67			
				DATE	3-31-67			
				DATE	3-31-67			
CODE IDENT NO.		SIZE		DWG NO.				
90536		D		7075247				
SCALE		WEIGHT		SHEET		OF		

REVISIONS						
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK	DATE	APPROVED
A	E13317		EXT INT HOLD ACTIVE FF MOD			
B	E13357		66K2 BLO, 1) TIME OUT INT CORRECTION			
C	E13375		S PART 6423 EHM INTERFACE MOD			

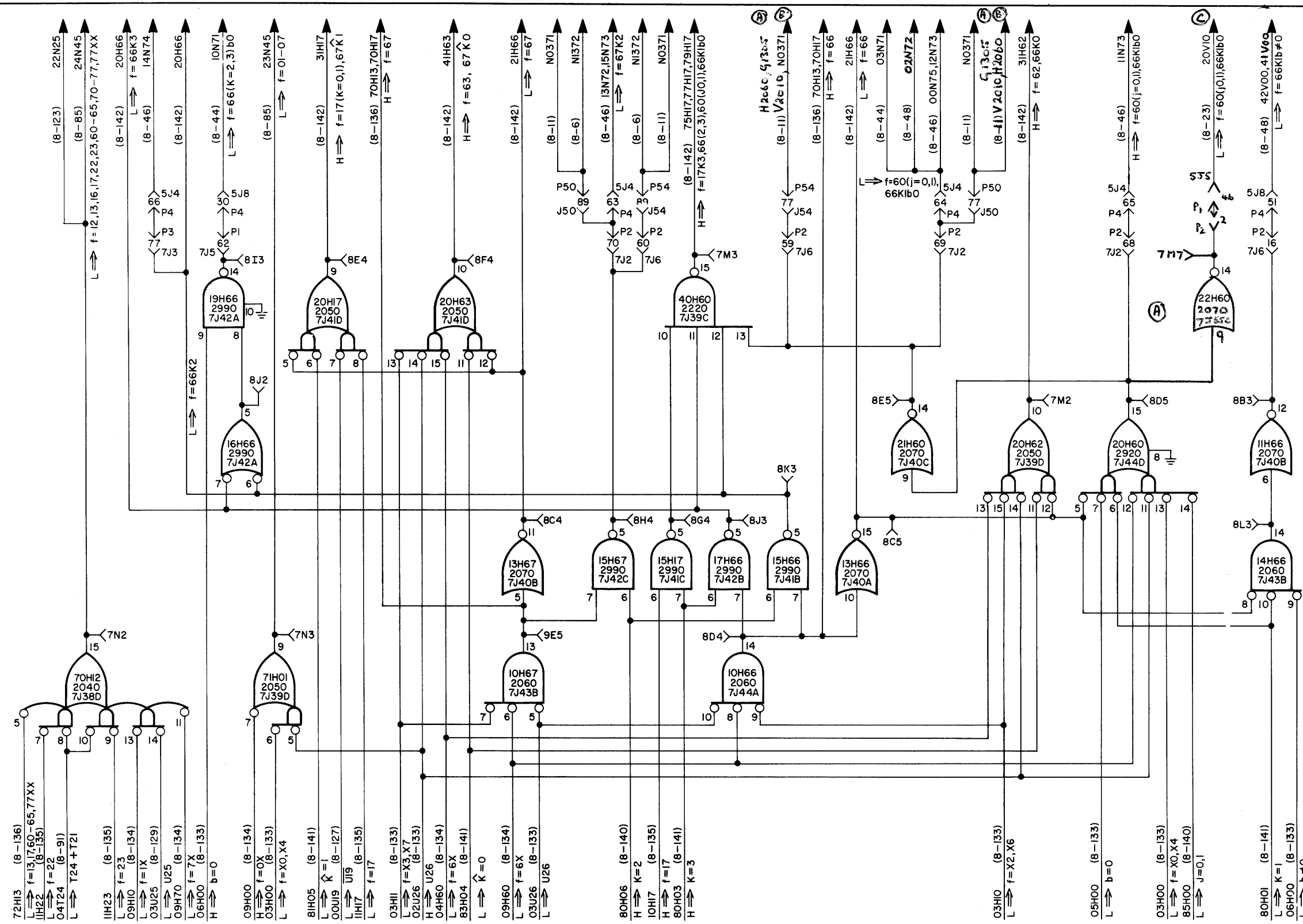


FIGURE 8-138

IDENT NO. 7075201-00

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOL. ON 2 PLACE 3 PLACE ANGLES DECIMALS DECIMALS		LAYOUT	DATE	CLASS	UNIVAC DEFENSE SYSTEMS DIVISION <small>DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55118</small>	
HOLE DIA. TOL. 0 THRU .251 X THRU .501 AND LARGER + .003 + .005 + .010 - .002 - .003 .005		DRAFTSMAN R. PHERNETTON	12-5-66	A	TITLE FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR 6	
THREADS: EXT. CL 2A, INT. CL 2B COMMODITY CODE		CHECKER B. POPOV	3-31-67		ENGINEER D. FREE 3-31-67	
		APPROVED <i>[Signature]</i>	3-31-67		SIZE D	
					NO. IDENT. 90536	DWG NO. 7075201
					SCALE	WEIGHT
					SHEET OF	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APP'D
A	E13319		SR110 STORAGE & T.P. CORRECTION	
B	E13320		EXECUTE 7770-7773 IN EHU 6428	

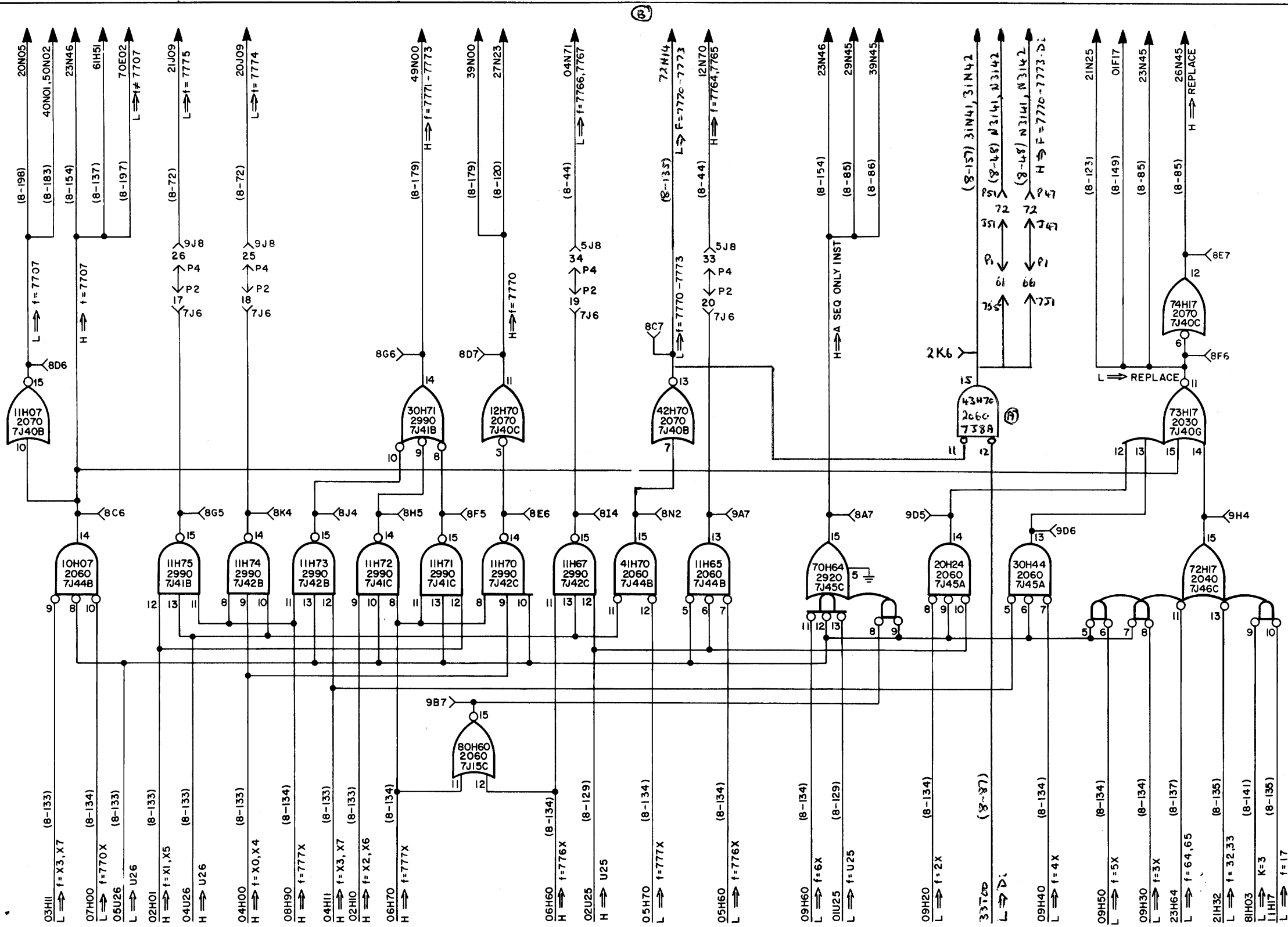


FIGURE 8-139

IDENT NO. 7075202-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE ON
2 PLACE DECIMALS	3 PLACE DECIMALS
±	±
ANGLES	±
HOLE DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
+ .003	+ .005
- .002	- .003
301 & LARGER	
+ .010	
- .005	
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	

LAYOUT	DATE
DRAFTSMAN	12-8-66
R. C. PETERSON	
CHECKER	3-31-67
R. E. STRELNIEKS	
ENGINEER	8-31-67
D. FREE	
APPROVAL	3-31-67
<i>R. C. Peterson</i>	

LIST OF MATERIAL	
CLASS	A
UNIVAC	
DIVISION OF SPERRY RAND CORPORATION	
TITLE	
FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR 7	
CODE IDENT NO.	90536
SIZE	D
DWG NO.	7075202
SCALE	WEIGHT
SHEET	OF

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED

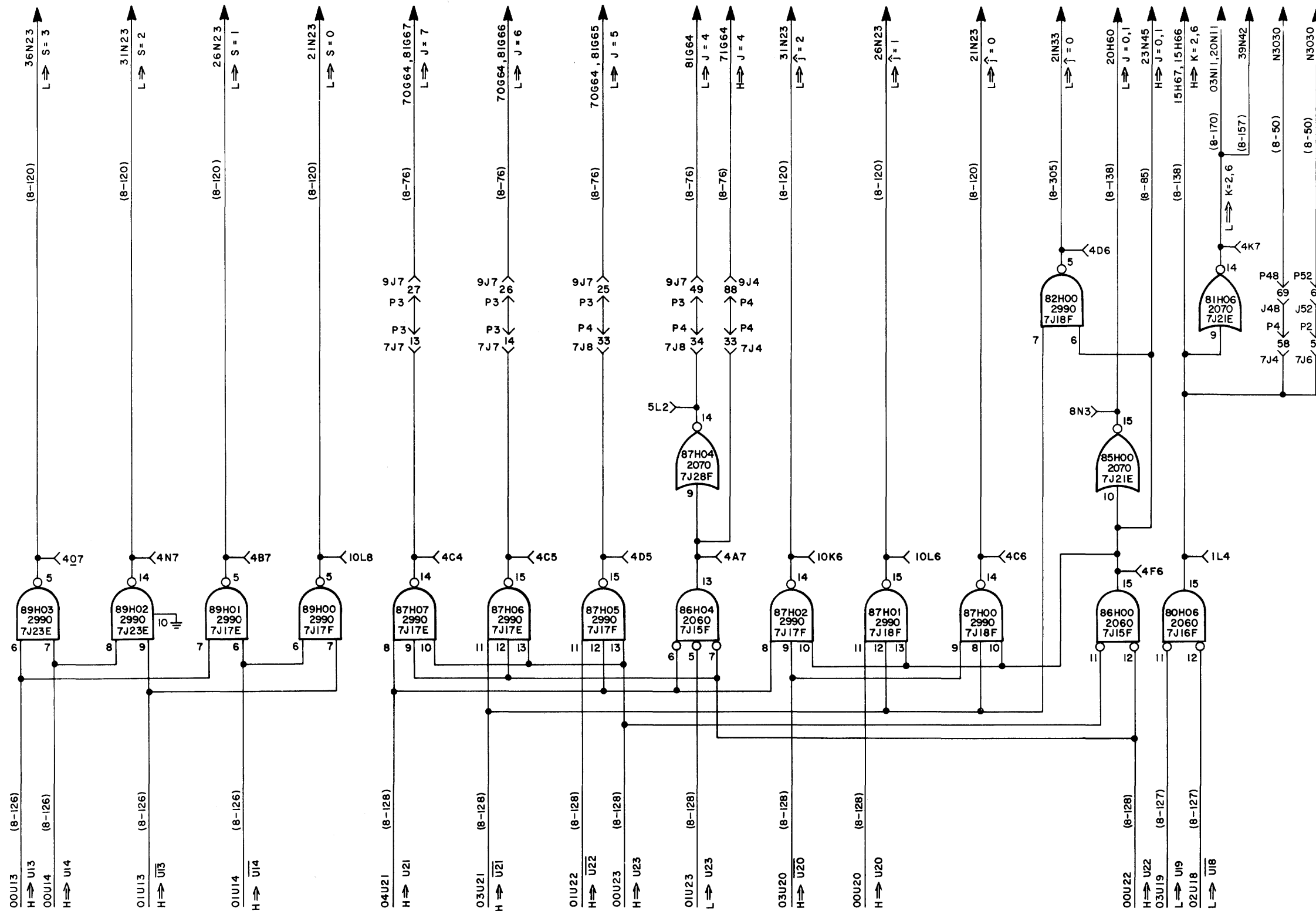


FIGURE 8-140

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL			
CLASS	SIZE	CODE IDENT NO.	DWG NO.
A	D	90536	7075203

UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005	G. S. WHEBBE	12-9-66
3 PLACE DECIMALS ± .001	CHECKER	B. POPOV
ANGLES ± .010	ENGINEER	D. FREE
HOLE DIAMETER TOLERANCE 0 THRU .250 + .003	APPROVED	<i>[Signature]</i>
.251 THRU .312 + .005		
.313 & LARGER + .010		
THREADS: EXT. CL. 2A, INT. CL. 2B		
MATERIAL	FINISH	
NEXT ASSY	EQUIPMENT	
APPLICATION		
COMMODITY CODE		

IDENT NO. 7075203-00

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REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APPROVED

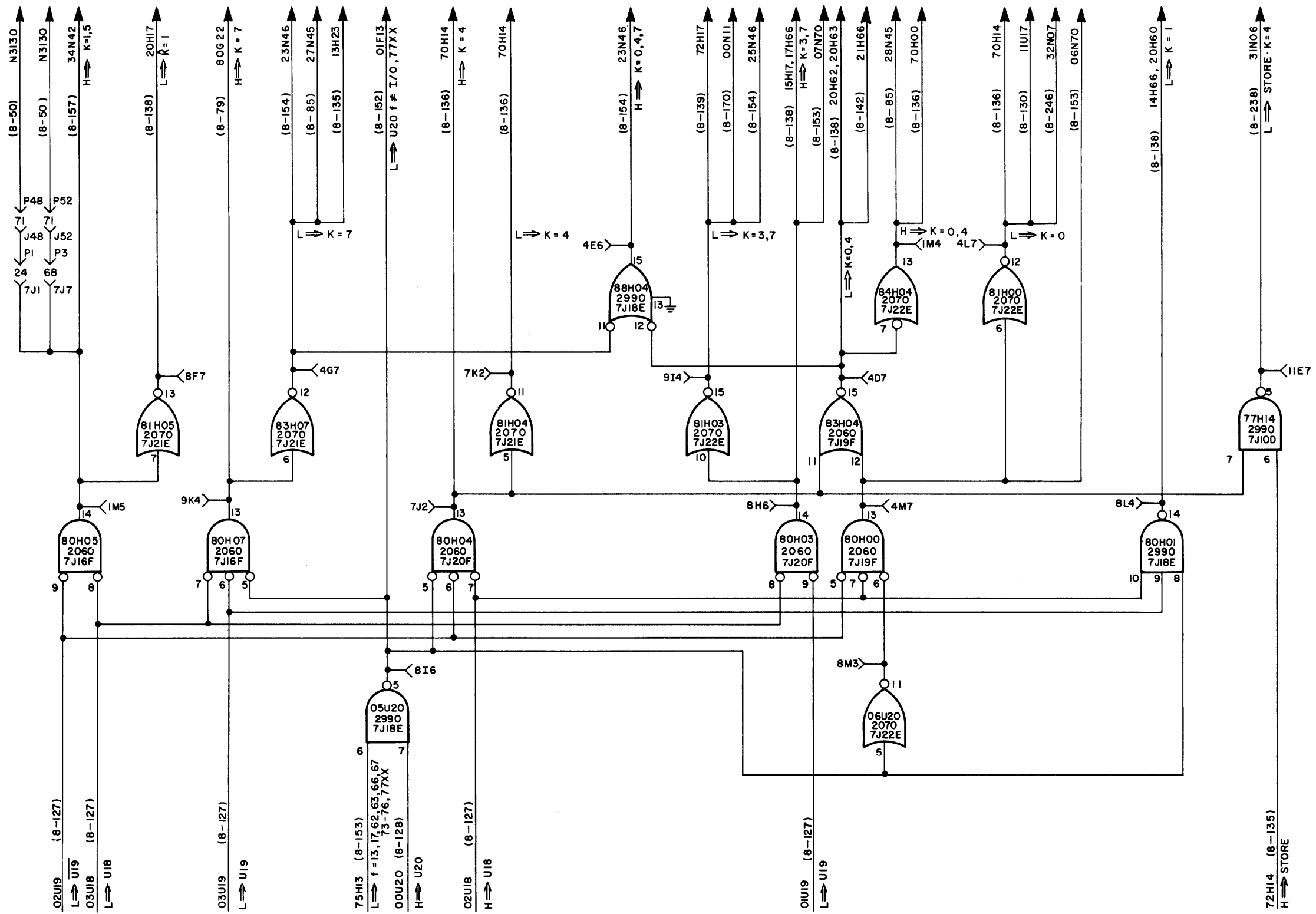


FIGURE 8-141

QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL			

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS = ± .005 3 PLACE DECIMALS = ± .001 ANGLES = ± .010 HOLE DIAMETER TOLERANCE 0 THRU .250 = +.005, -.001 .251 THRU .500 = +.005, -.001 .501 & LARGER = +.010, -.005 THREADS: EXT. CL. 2A, INT. CL. 2B	LAYOUT	DATE	CLASS
	DRAFTSMAN R. C. PETERSON	12-8-66	A
	CHECKER B. POPOV	5-31-67	
	ENGINEER D. FREE	3-31-67	
MATERIAL	APPROVED <i>D. Free</i>		
FINISH			

IDENT NO. 7075204-00	COMMODITY CODE	
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TITLE FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR 9	CODE IDENT NO. 90536	SIZE D	DWG NO. 7075204
SCALE	WEIGHT	SHEET	OF

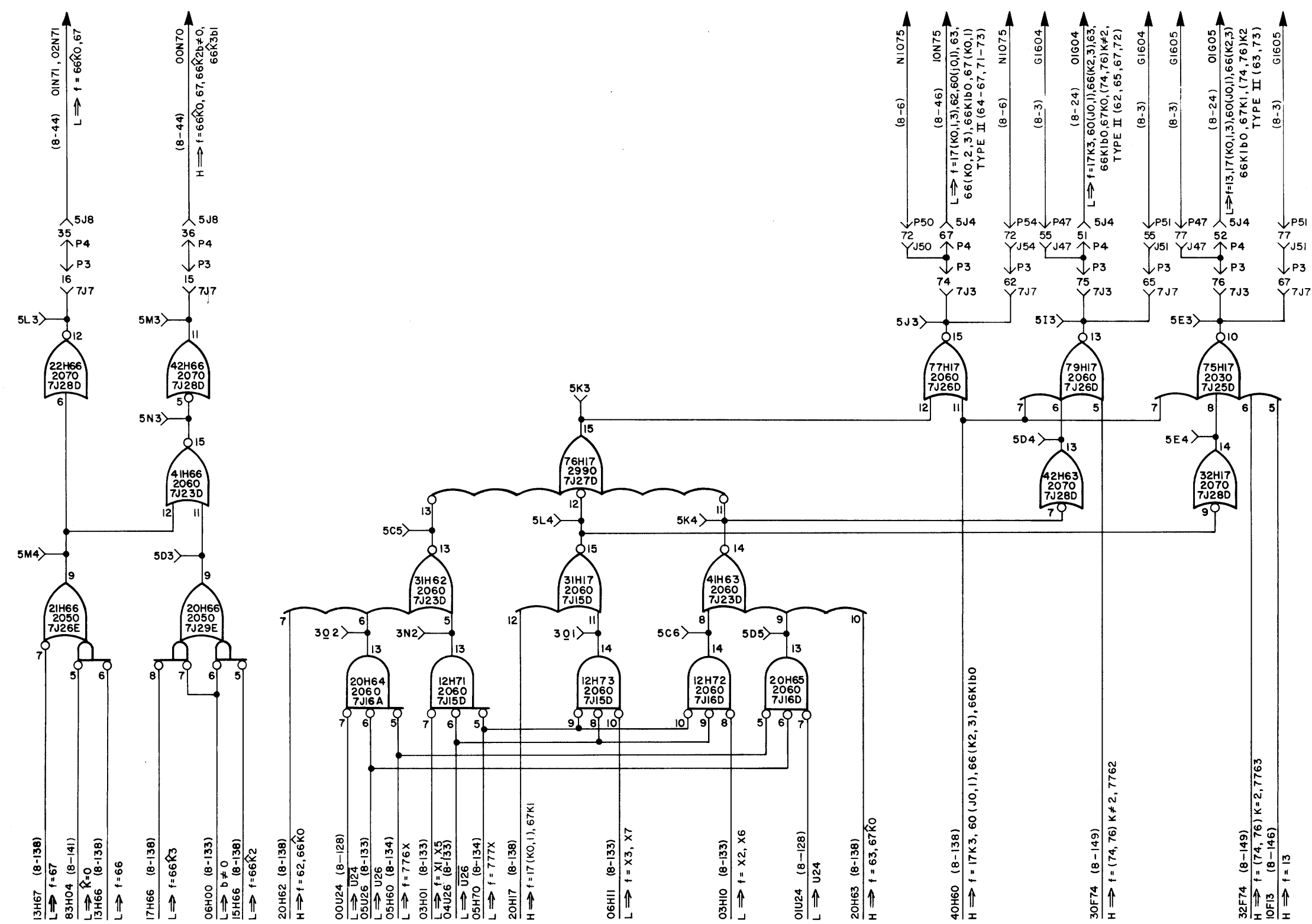


FIGURE 8-142

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
				CLASS		UNIVAC	
				DATE		TITLE	
				12-8-66		FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR IO	
				DRAFTSMAN		CODE IDENT NO.	
				R. C. PETERSON		SIZE	
				CHECKER		DWG NO.	
				B. POPOV		90536	
				ENGINEER		D	
				D. FREE		7075205	
				APPROVAL		SCALE	
				<i>[Signature]</i>		WEIGHT	
				COMMODITY CODE		SHEET 1 OF 1	

IDENT NO. 7075205-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE ON
2 PLACE DECIMALS	3 PLACE DECIMALS
± .005	± .002
HOLE DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
+ .003	+ .010
- .002	- .005
THREADS: EXPT. CL. 2A, INT. CL. 2B	
MATERIAL	FINISH

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71692	SEE EIR		8/10/65	MH
B		77406	SEE EIR		4-21-64	BS

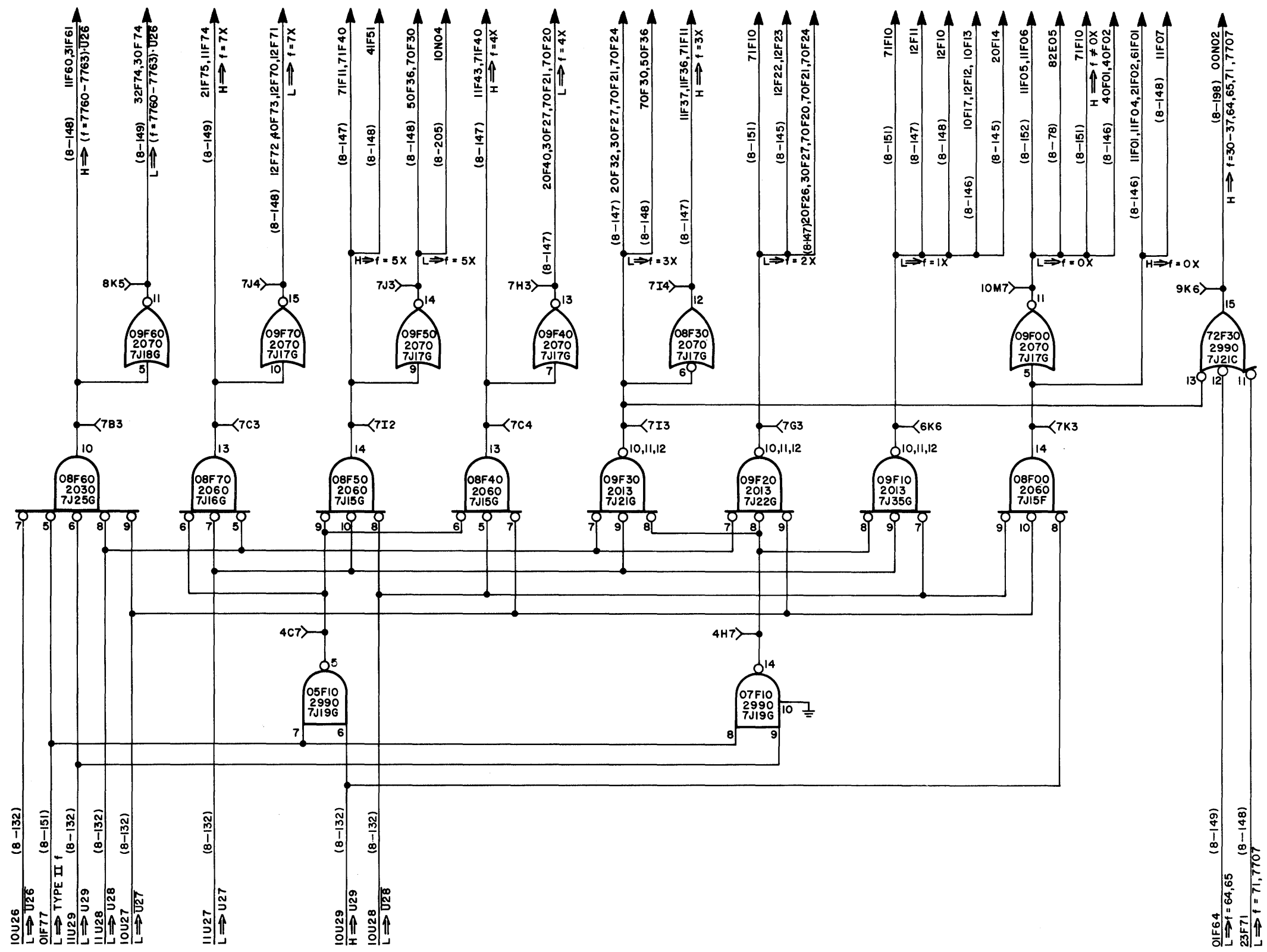


FIGURE 8-143

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
		UNLESS OTHERWISE SPECIFIED		LAYOUT		
		DIMENSION IN INCHES. TOLERANCE ON		DATE		
		2 PLACE DECIMALS		CLASS		
		3 PLACE DECIMALS		A		
		ANGLES		TITLE		
		HOLE DIAMETER TOLERANCE		UNIVAC		
		0 THRU .250 ± .003		DIVISION OF SPERRY RAND CORPORATION		
		.251 THRU .500 ± .005		DRAFTSMAN		
		.501 & LARGER ± .010		R. L. JOHNSON		
		THREADS: EXT. CL. 2A, INT. CL. 2B		CHECKER		
				B. POPOV		
				ENGINEER		
				N. MACRORIE		
				APPROVAL		
				DUK		
				DATE		
				8-16-65		
				TITLE		
				FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR II		
				CODE IDENT NO.		
				90536		
				SIZE		
				D		
				DWG NO.		
				7032898		
				SCALE		
				WEIGHT		
				SHEET		
				OF		

IDENT NO. 7032898-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

DATE	8-16-65
CHECKER	B. POPOV
ENGINEER	N. MACRORIE
APPROVAL	DUK
DATE	8-15-65

REVISIONS					
SYM	ZONE	EJR	DESCRIPTION	DATE	APPROVED

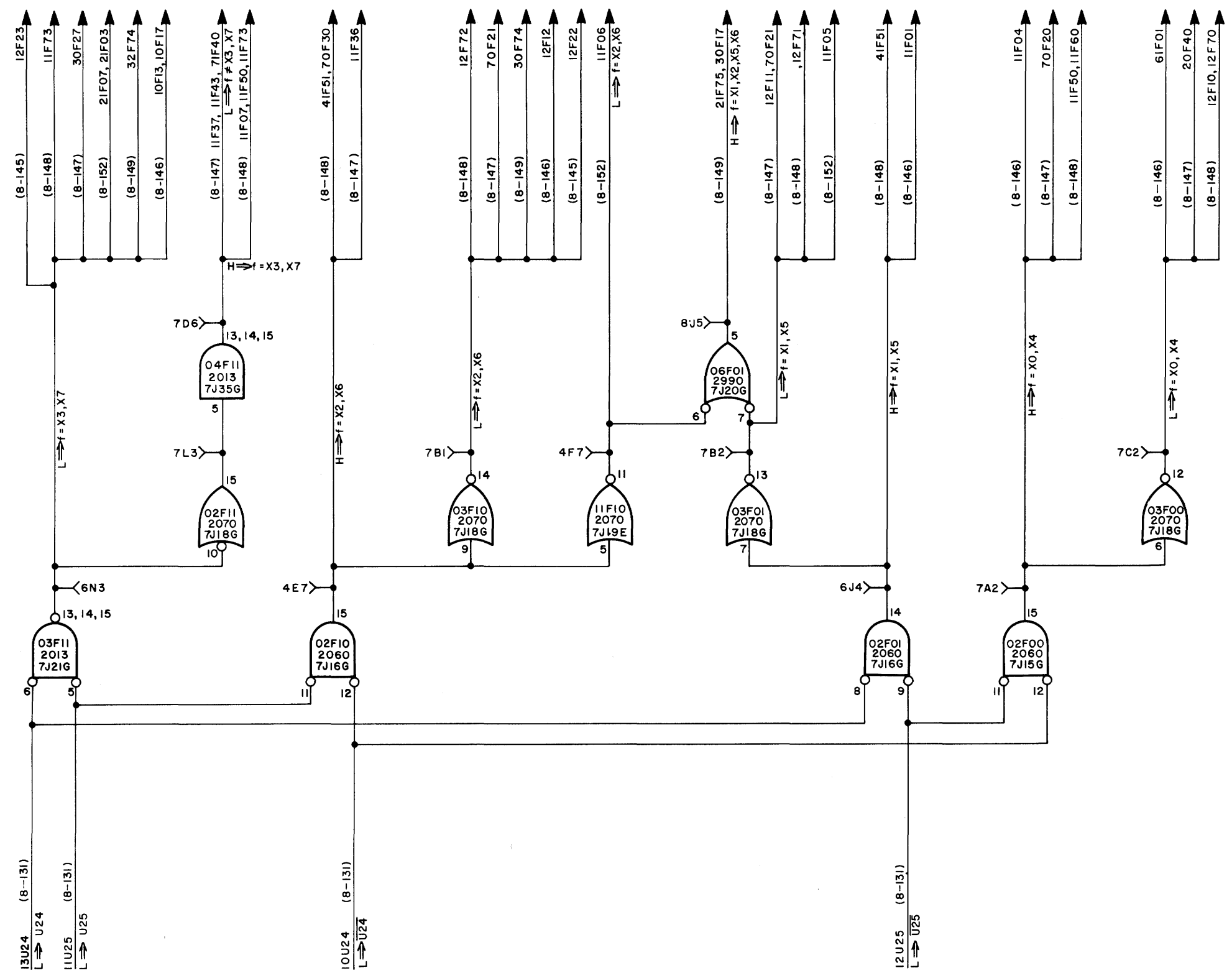


FIGURE 8-144

IDENT NO. 7075206-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS	3 PLACE DECIMALS
±	±
HOLE DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
+ .003	+ .005
-.002	-.005
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	FINISH
NEXT ASSY	EQUIPMENT
APPLICATION	COMMODITY CODE

LAYOUT	DATE	CLASS
DRAFTSMAN R. C. PETERSON	12-8-66	A
CHECKER R. E. STRELNIEKS	5-31-67	
ENGINEER D. FREE	3-31-67	
APPROVED <i>[Signature]</i>	3-31-67	

LIST OF MATERIAL		UNIVAC	
DIVISION OF SPERRY RAND CORPORATION		TITLE	
FUNCTIONAL SCHEMATIC		FUNCTION CODE TRANSLATOR 12	
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7075206	
SCALE	WEIGHT	SHEET OF	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED

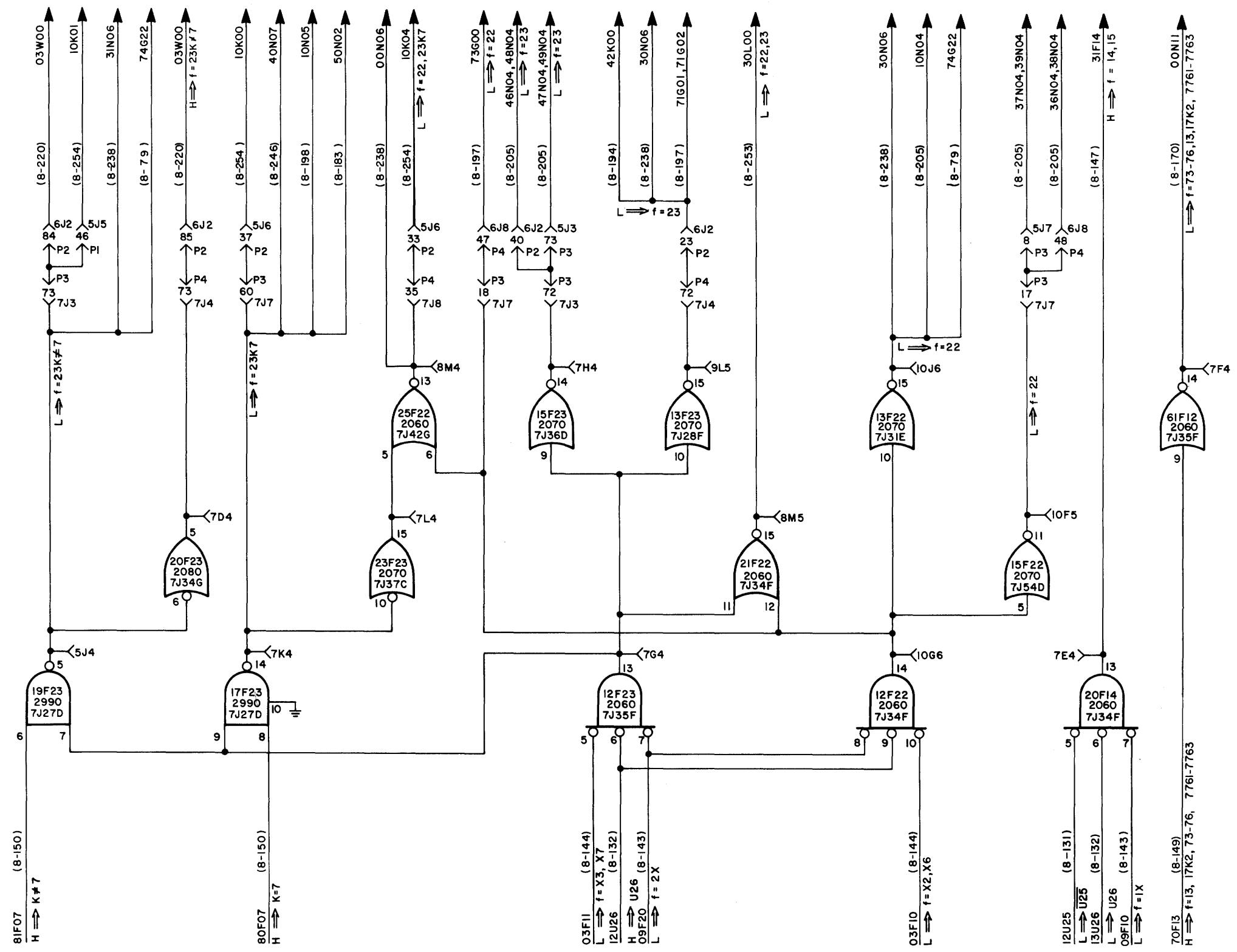


FIGURE 8-145

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	

LIST OF MATERIAL
UNIVAC
 DIVISION OF SPERRY RAND CORPORATION

IDENT NO. 7075207-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS	3 PLACE DECIMALS ANGLES
HOLE DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
+ .003	+ .005
-.002	-.005
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	FINISH

LAYOUT	DATE	CLASS
DRAFTSMAN R. C. PETERSON	12-8-66	A
CHECKER R. STRELNIEKS	3-31-67	
ENGINEER J. LAMBING	3-31-67	
APPROVAL <i>J. Lambing</i>	3-31-67	

TITLE		
FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR 13		
CODE IDENT NO.	SIZE	DWG NO.
90536	D	7075207
SCALE	WEIGHT	SHEET OF

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		71703	SEE EIR		11-1-65

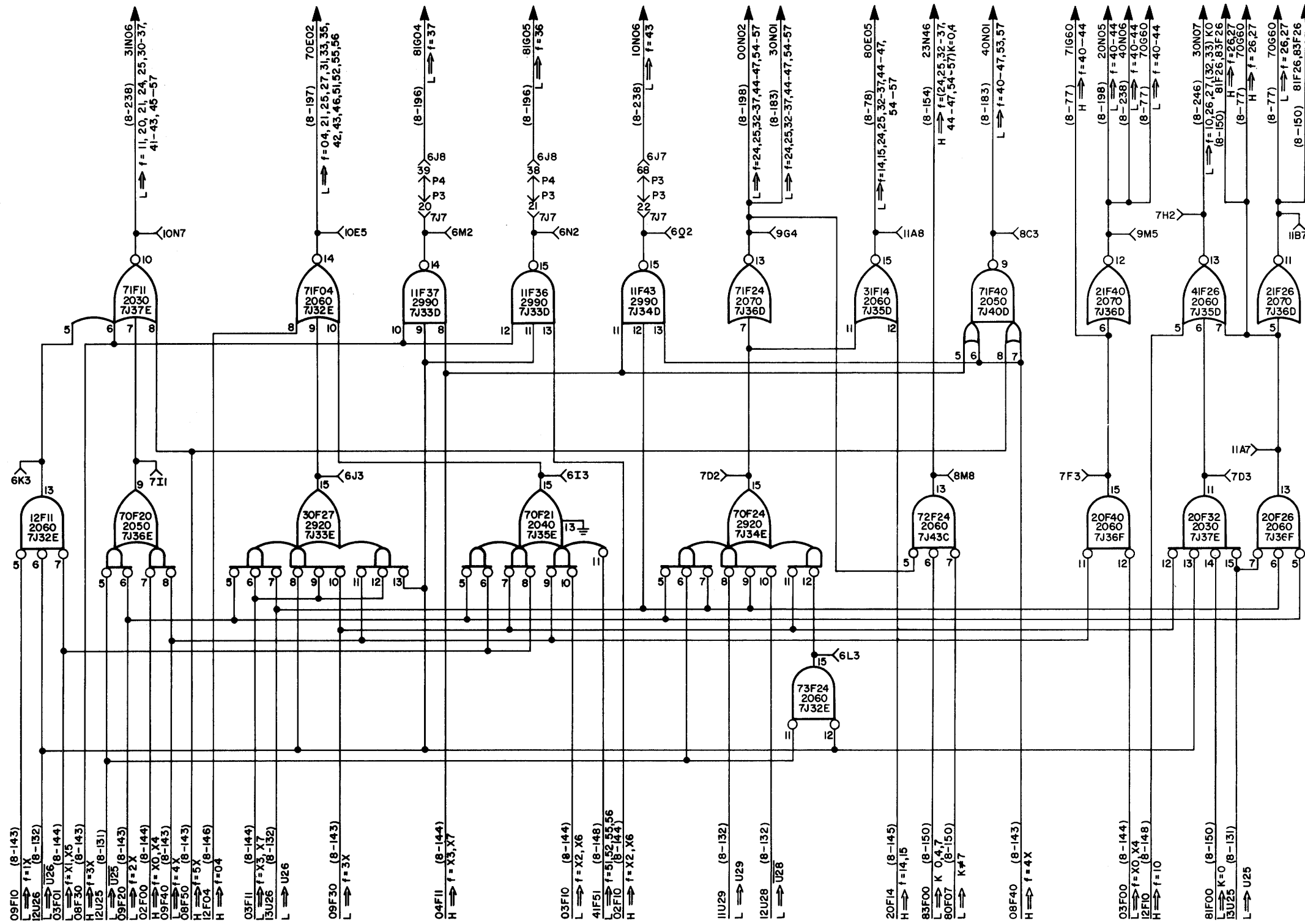


FIGURE 8-147

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL			
UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS	M. MOSENG	5-28-65	A
3 PLACE DECIMALS	CHECKER		
ANGLES	B. POPOV		
HOLE DIAMETER TOLERANCE	ENGINEER		
0 THRU .250	N. MACRORE		
.251 THRU .500	APPROVAL		
.501 & LARGER			
+ .003			
- .002			
THREADS: EXT. CL 2A, INT. CL 2B			
MATERIAL			
FINISH			

IDENT NO. 7032900-00	COMMODITY CODE	APPLICATION	EQUIPMENT	NEXT ASSY
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.				

UNIVAC	DIVISION OF SPERRY RAND CORPORATION	
FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR 15		
CODE IDENT NO.	SIZE	DWG NO.
90536	D	7032900
SHEET 1 OF 1		

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A	E13313		13917K2 INSTRUCTION CORRECTION		
B	E13375		5 PART 642B CHA INTERFACE MOD		

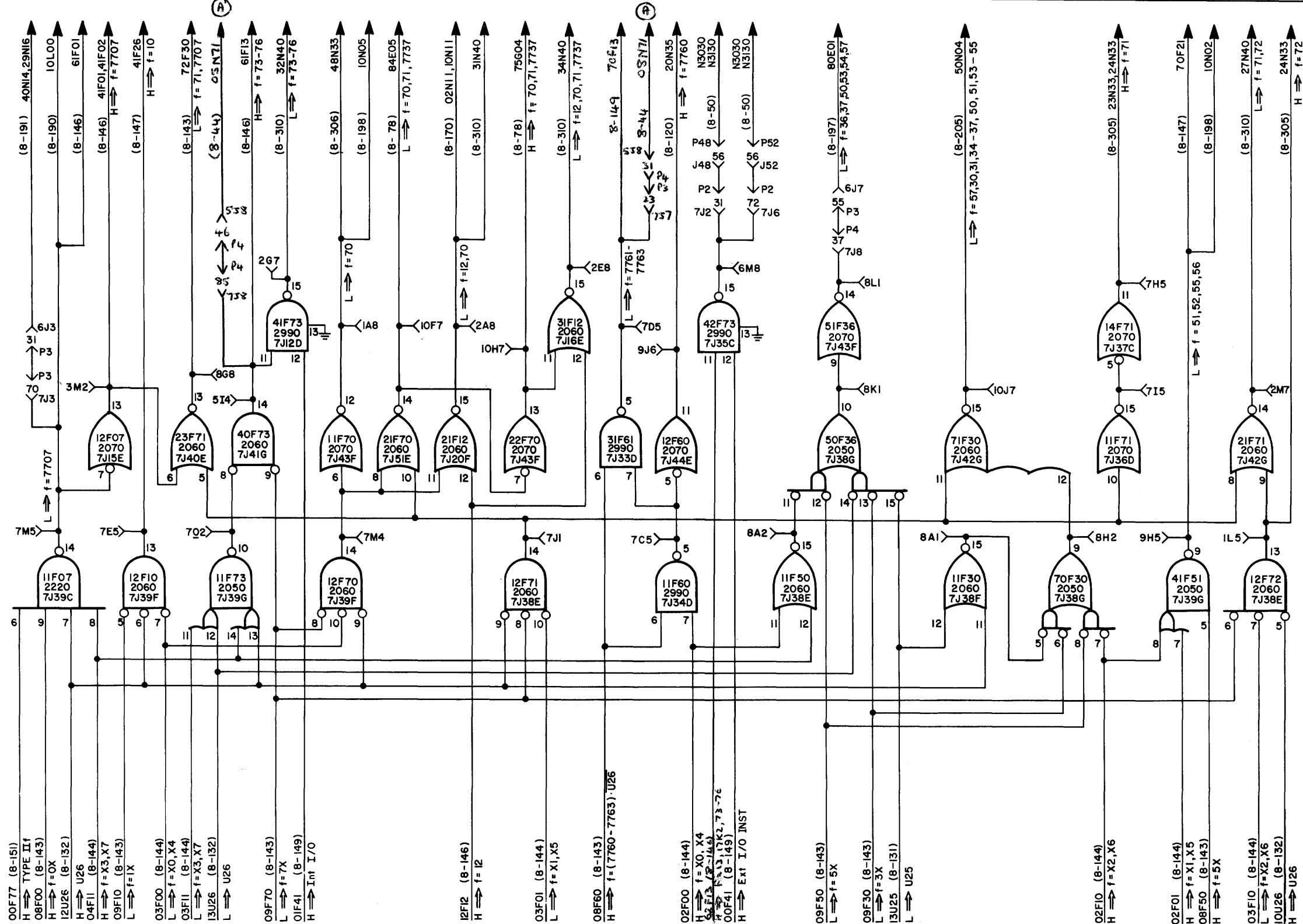


FIGURE 8-148

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	

UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON		DRAFTSMAN G. S. WHEBBE CHECKER B. POPOV ENGINEER J. LAMBING APPROVAL <i>J. Lambing</i>	1-23-67	A
2 PLACE DECIMALS ± .003				
3 PLACE DECIMALS ± .005				
ANGLES ± .010				
HOLE DIAMETER TOLERANCE				
0 THRU .250 ± .003				
.251 THRU .500 ± .005				
.501 & LARGER ± .010				
THREADS: EXT. CL. 2A, INT. CL. 2B				
MATERIAL				
FINISH				

IDENT NO. 7075209-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
 ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

LIST OF MATERIAL				
QTY	FIND	REF DES	CODE	DWG
REQD			IDENT	SIZE

UNIVAC		DIVISION OF SPERRY RAND CORPORATION	
CLASS		TITLE	
A		FUNCTIONAL SCHEMATIC	
		FUNCTION CODE TRANSLATOR 16	
CODE IDENT NO.	SIZE	DWG. NO.	
90536	D	7075209	
SCALE	WEIGHT	SHEET OF	

REVISIONS				
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK DATE APPROVED
A	E13313		13-17K2 INSTRUCTION CORRECTION	
B	E13314		EXT I/O FIF CORRECTION	
C	E13356		EXT I/O ENABLE CORRECTION	
D	E13375		S PART 642 B ENU INTERFACE MOD	
E	3741		DISABLE EXT I/O ON FAULT	

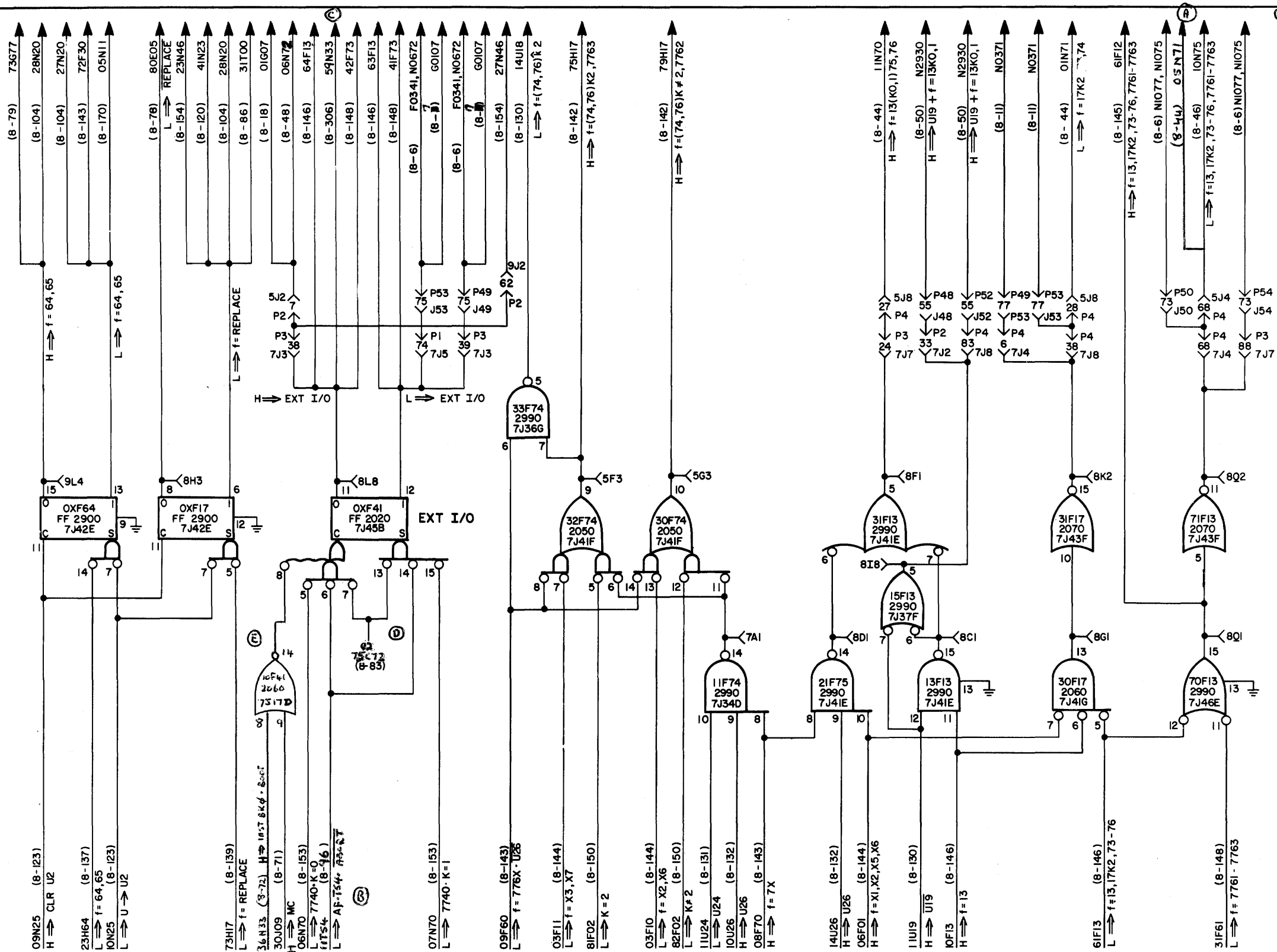


FIGURE 8-149

IDENT NO. 7075210-00

UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN INCHES TOL. ON 2 PLACE 3 PLACE ANGLES DECIMALS DECIMALS	LAYOUT	DATE	CLASS	UNIVAC DEFENSE SYSTEMS DIVISION DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55118
	DRAFTSMAN G.S. WHEBBE	12-3-66	A	
HOLE DIA. TOL. 0 THRU .251 XHRU .501 AND LARGER +.003 +.005 +.010 .002 .003 .005	CHECKER B. POPOV			TITLE FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR 17
THREADS: EXT. CL 2A, INT. CL 2B COMMODITY CODE	ENGINEER J. LAMBING			SIZE D
	APPROVAL <i>[Signature]</i>			CODE IDENT. NO. 90536
				DWG NO. 7075210
				SCALE _____ WEIGHT _____ SHEET 1 OF 1

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION
A		71692	SEE EIR
B		75320	SEE EIR

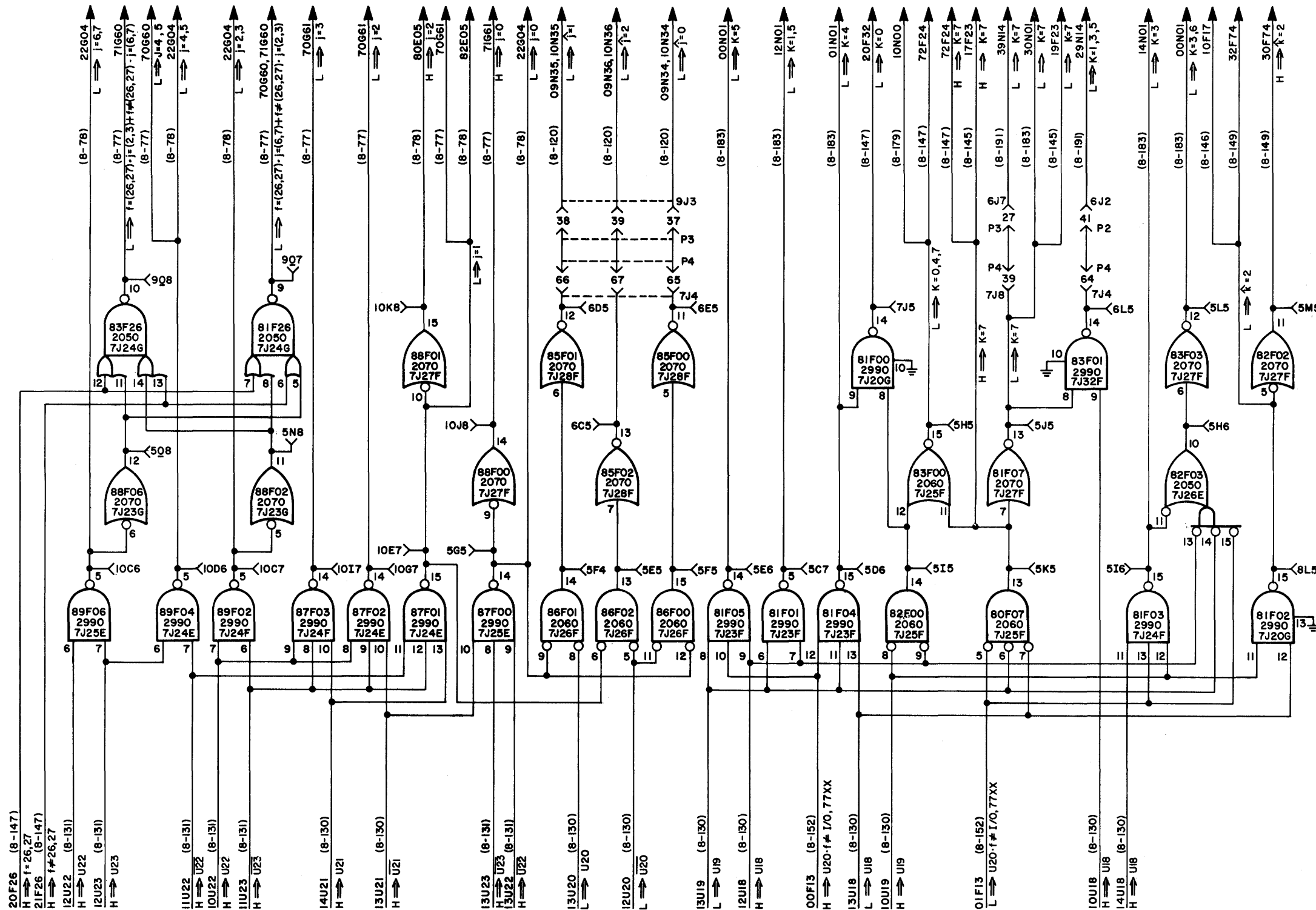


FIGURE 8-150

IDENT NO. 7032903-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS	± .005
DIMENSION IN INCHES. TOLERANCE ON 3 PLACE DECIMALS	± .001
ANGLES	± .005
HOLE DIAMETER TOLERANCE	± .005
0 THRU .30	± .005
.31 THRU .50	± .004
.51 & LARGER	± .003
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	

LAYOUT	DATE	CLASS
DRAFTSMAN V. STEEBER	8-9-66	A
CHECKER B. POPOV		
ENGINEER N. MACRORIE		
APPROVAL <i>[Signature]</i>		

QTY REQD.	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL	
UNIVAC	DIVISION OF SPERRY RAND CORPORATION
CLASS	A
TITLE	FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR 18
CODE IDENT NO.	90536
SIZE	D
DWG NO.	7032903
SCALE	
WEIGHT	
SHEET	OF 1

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	E13315		'B' MODIFIED FAULT	

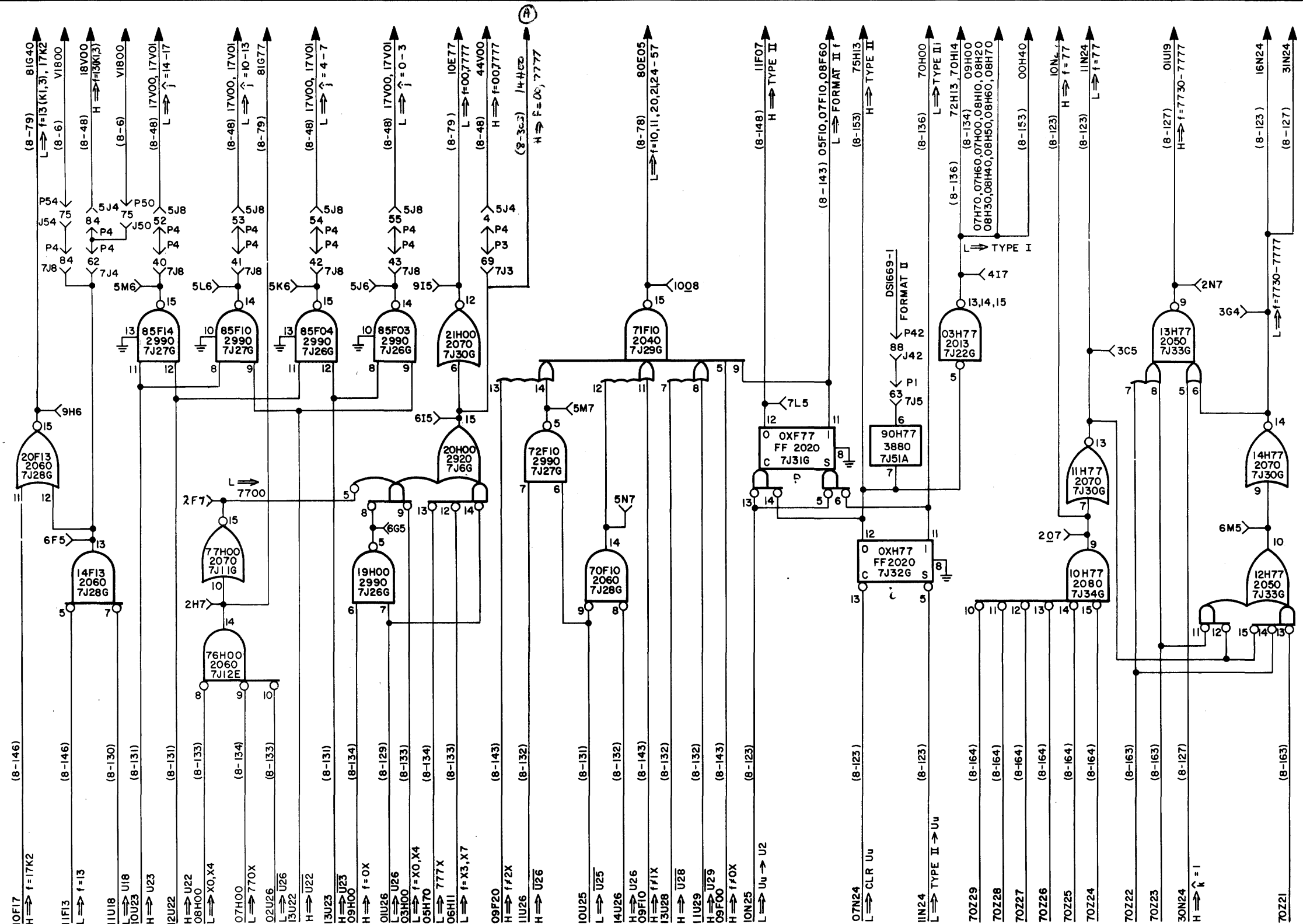


FIGURE 8-151

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						

IDENT NO. 7075211-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005 3 PLACE DECIMALS ± .0005 ANGLES ± .010 HOLE DIAMETER TOLERANCE 0 THRU .250 +.003 .251 THRU .500 +.005 .501 & LARGER +.010 THREADS: EXT. CL. 2A, INT. CL. 2B	LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION
	DRAFTSMAN D. LODGE	12-8-61	A	
	CHECKER B. POPOV	3-31-61		
NEXT ASSY	EQUIPMENT	ENGINEER J. LAMBING	3-31-61	TITLE FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR 19
APPLICATION	COMMODITY CODE	APPROVED <i>J.P. [Signature]</i>	3-31-61	CODE IDENT NO. 90536
				SIZE D
				DWG NO. 7075211
				SCALE
				WEIGHT
				SHEET OF

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

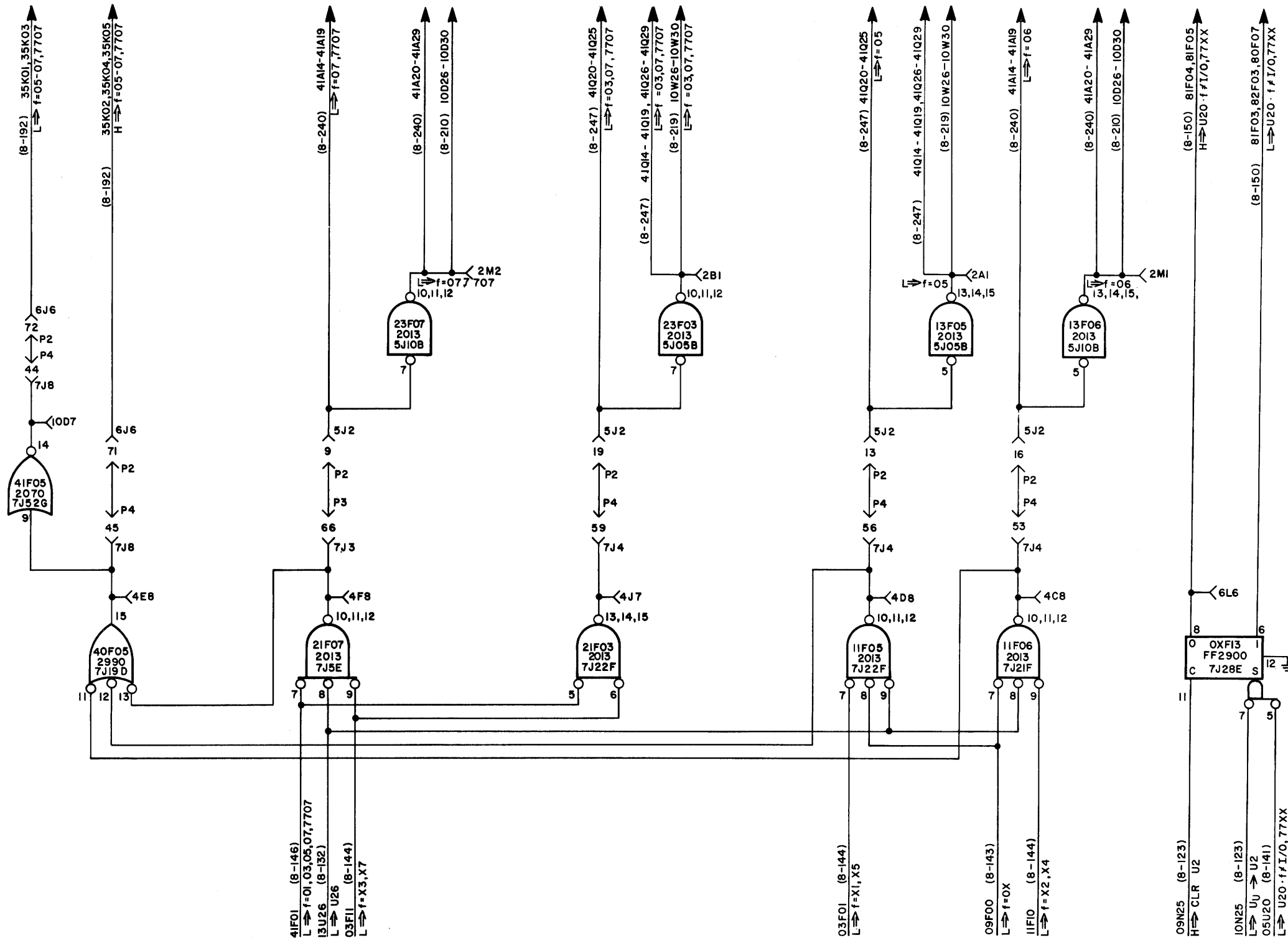


FIGURE 8-152

QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
							LIST OF MATERIAL

IDENT NO. 7032905-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

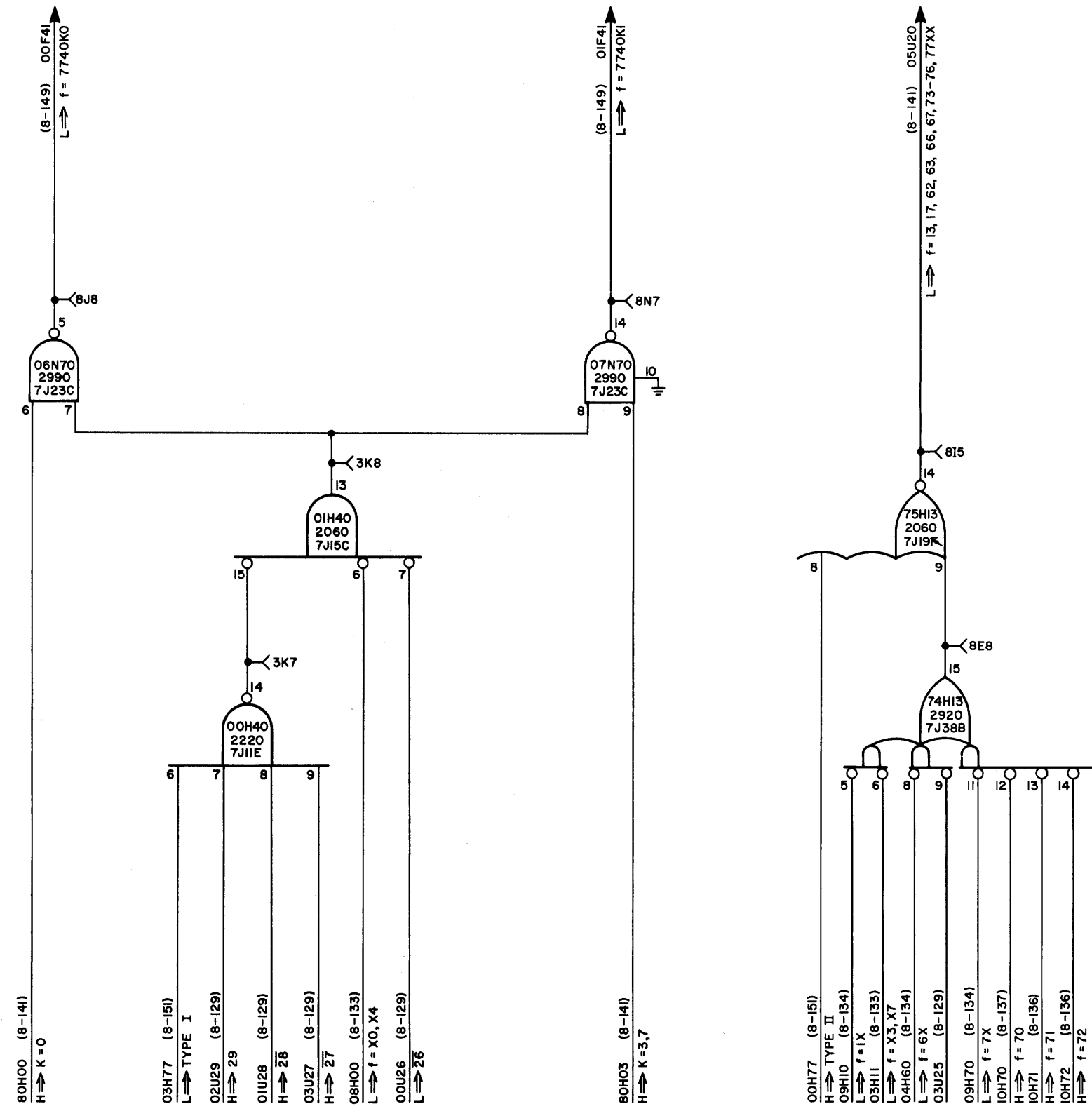
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE ON
2 PLACE DECIMALS	3 PLACE DECIMALS
± .005	± .002
HOLE DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
± .003	± .005
± .002	± .010
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	FINISH

LAYOUT	DATE	CLASS
M. HARRELL	5-28-65	A
B. POPOV	9-15-65	
N. MACRORE	9-15-65	

UNIVAC		
DIVISION OF SPERRY RAND CORPORATION		
TITLE		
FUNCTIONAL SCHEMATIC, FUNCTION CODE TRANSLATOR20		
CODE IDENT NO.	SIZE	DWG NO.
90536	D	7032905
SCALE	WEIGHT	SHEET 1 OF 1

REVISIONS						
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK	DATE	APPROVED



IDENT. NO. 7075212-00

FIGURE 8-153

UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS	UNIVAC DEFENSE SYSTEMS DIVISION	
DIMENSIONS IN INCHES TOL. ON		DRAFTSMAN	2-8-66	A	DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55118	
2 PLACE	3 PLACE	E. BICKETT			TITLE	
DECIMALS	DECIMALS	CHECKER			FUNCTIONAL SCHEMATIC,	
+	+	B. POPOV	3-31-67		FUNCTION CODE,	
-	-	ENGINEER			TRANSLATOR 21	
HOLE DIA. TOL.		J. LAMBING	3-31-67		SIZE	CODE IDENT.
0 THRU .251	THRU .501 AND LARGER	APPROVAL			D	90536
+.003	+.005				DWG NO.	7075212
-.002	-.003				SCALE	WEIGHT
THREADS, EXT. CL 2A, INT. CL 2B						SHEET 1 OF 1
COMMODITY CODE						

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION

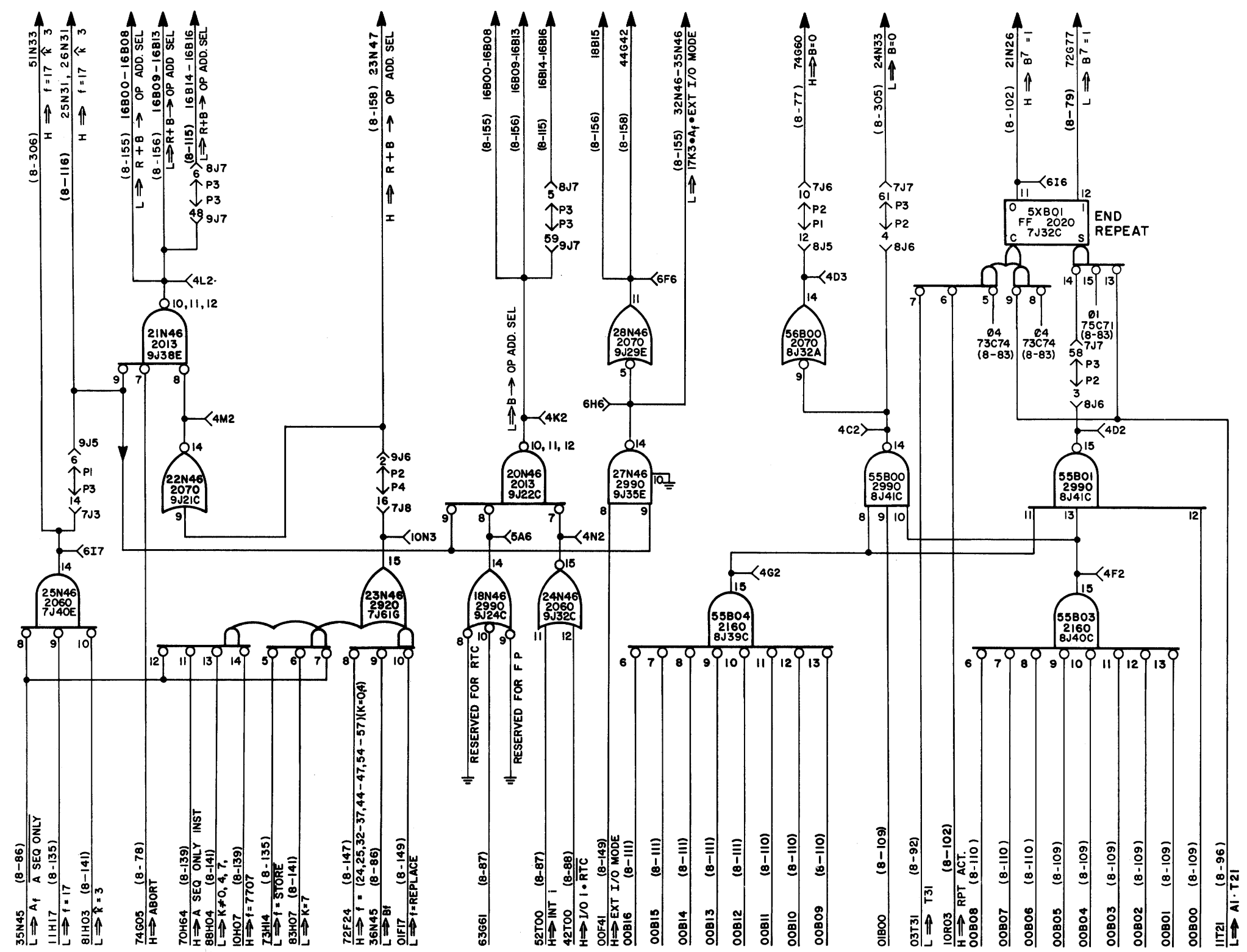


FIGURE 8-154

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			LAYOUT		DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		ANGLES		UNIVAC DIVISION OF SPERRY RAND CORPORATION
HOLE DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		
+ .003		+ .005		.501 & LARGER		TITLE FUNCTIONAL SCHEMATIC, OPERAND ADDRESS SELECT CONTROL, B=0,+1
- .002		- .003		- .005		
THREADS: EXT. CL. 2A, INT. CL. 2B			MATERIAL		FINISH	COMMODITY CODE
NEXT ASSY			EQUIPMENT		APPLICATION	COMMODITY CODE
DATE			ENGINEER		CHECKER	DRAFTSMAN
3-31-67			J. LAMBING		B. POPOV	G. ERLANDSON
3-31-67			Approval			
CODE IDENT NO.			SIZE		DWG NO.	
90536			D		7075213	
SCALE			WEIGHT		SHEET OF	

IDENT NO. 7075213-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

1 1/2

REVISIONS							
ZONE	LTR	EIR	DESCRIPTION	FOR DETAILS SEE EIR	CHK	DATE	APPROVED

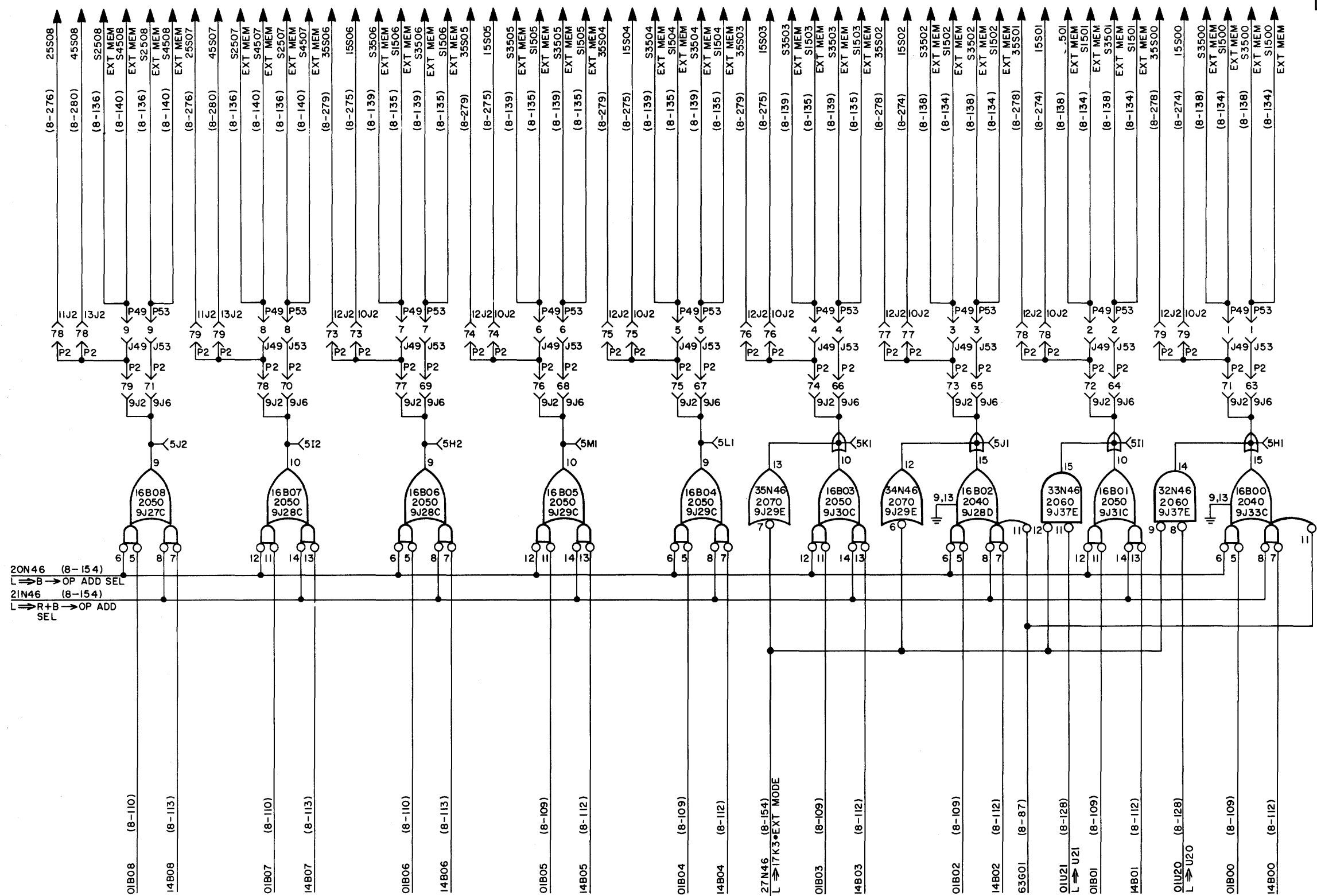


FIGURE 8-155

IDENT NO. 7075214-00

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOL. ON 2 PLACE 3 PLACE ANGLES DECIMALS DECIMALS	LAYOUT	DATE	CLASS	UNIVAC DEFENSE SYSTEMS DIVISION DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55116
	DRAFTSMAN D. LODGE	12-11-6	A	
HOLE DIA. TOL. 0 THRU .251 THRU .501 AND .250 .500 LARGER + .003 + .005 + .010 - .002 - .003 - .005	CHECKER B. POPOV			TITLE FUNCTIONAL SCHEMATIC, OPERAND ADDRESS, SELECTOR BITS 00-08
THREADS: EXT. CL 2A, INT. CL 2B COMMODITY CODE	ENGINEER J. LAMBING			SIZE D
	APPROVAL <i>J. Lambing</i>			CODE IDENT. NO. 90536
				DWG NO. 7075214
				SCALE
				WEIGHT
				SHEET 1 OF 1

REVISIONS				
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK DATE APPROVED

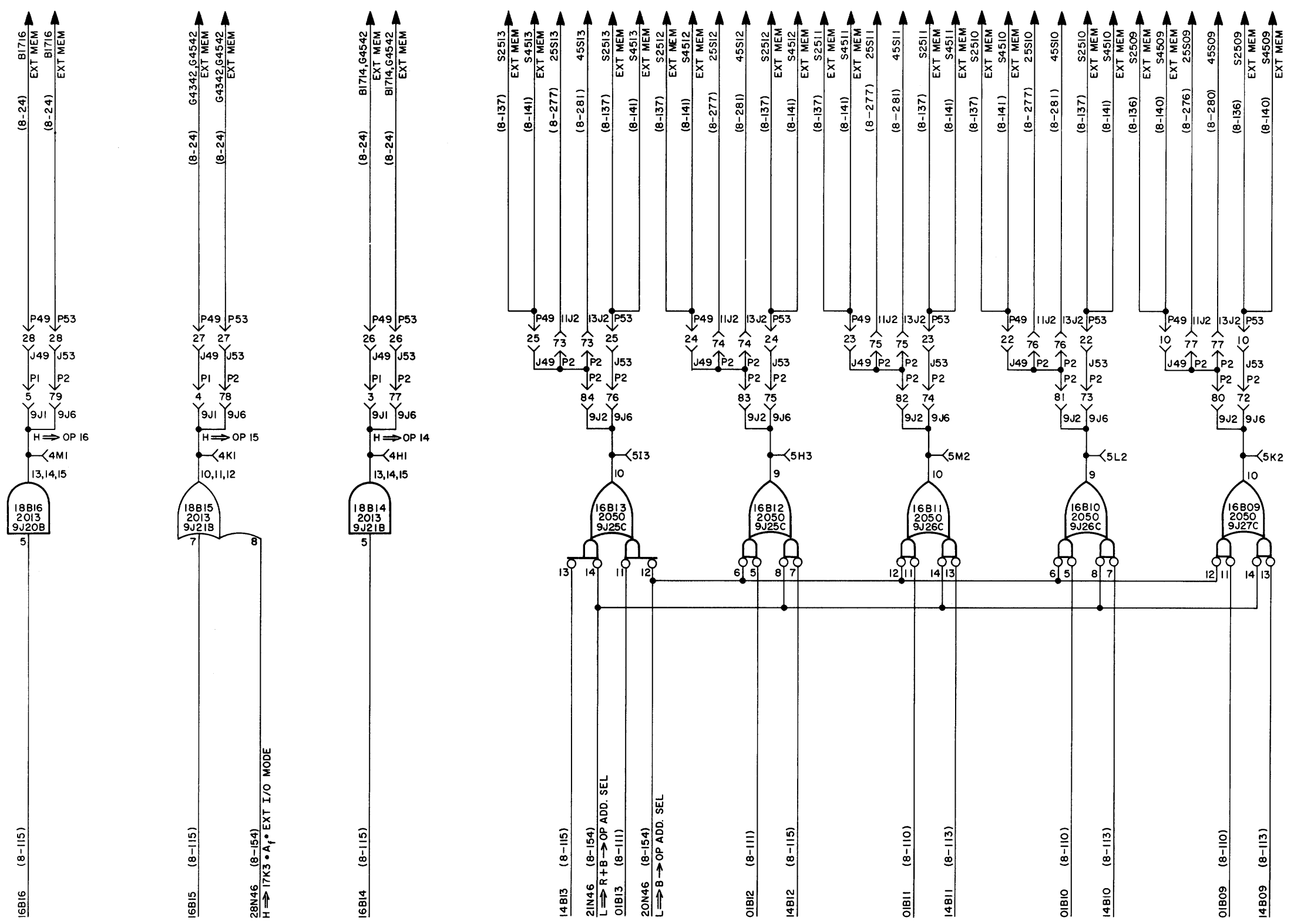


FIGURE 8-156

IDENT NO. 7075215-00

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES TOL. ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES + - HOLE DIA. TOL. 0 THRU .251 THRU .501 AND LARGER .250 +.003 .500 +.005 LARGER +.010 - .003 - .005 THREADS: EXT. CL 2A, INT. CL 2B COMMODITY CODE	LAYOUT DRAFTSMAN D. LODGE CHECKER B. POPOV ENGINEER J. LAMBING APPROVAL <i>J. Lambing</i>	DATE	CLASS	UNIVAC DEFENSE SYSTEMS DIVISION DIVISION OF SPERRY RAND CORPORATION UNIVAC PARK, ST. PAUL, MINN. 55116
		12-8-6	A	
TITLE FUNCTIONAL SCHEMATIC, OPERAND ADDRESS SELECTOR BITS 09-13				SIZE D
CODE IDENT. NO. 90536		DWG NO. 7075215		
SCALE		WEIGHT		SHEET 1 OF 1

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	E13319		SRIO STORAGE 4TP CORRECTION	
B	E13320		EXECUTE 7770-7773, MEM 642B	

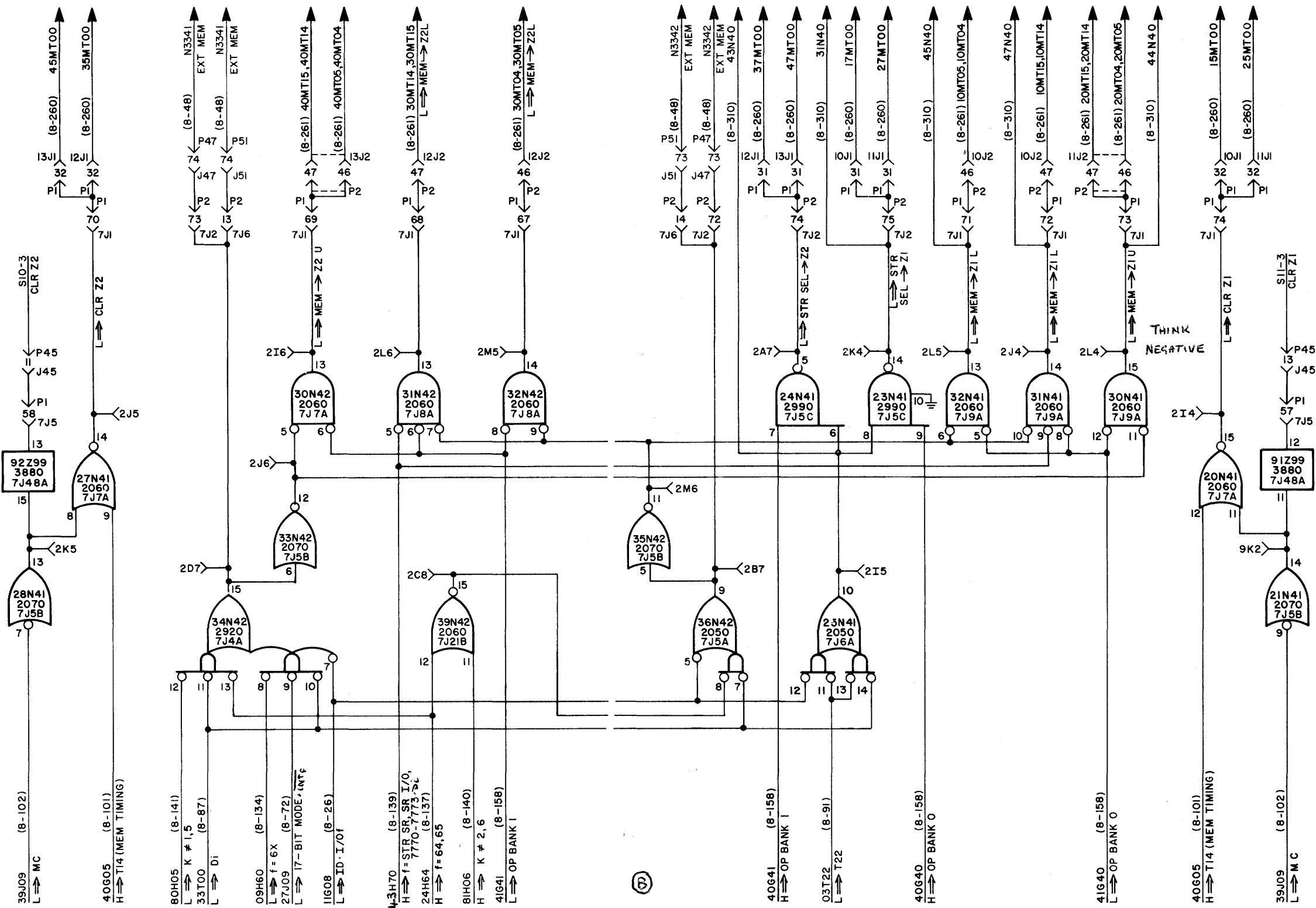


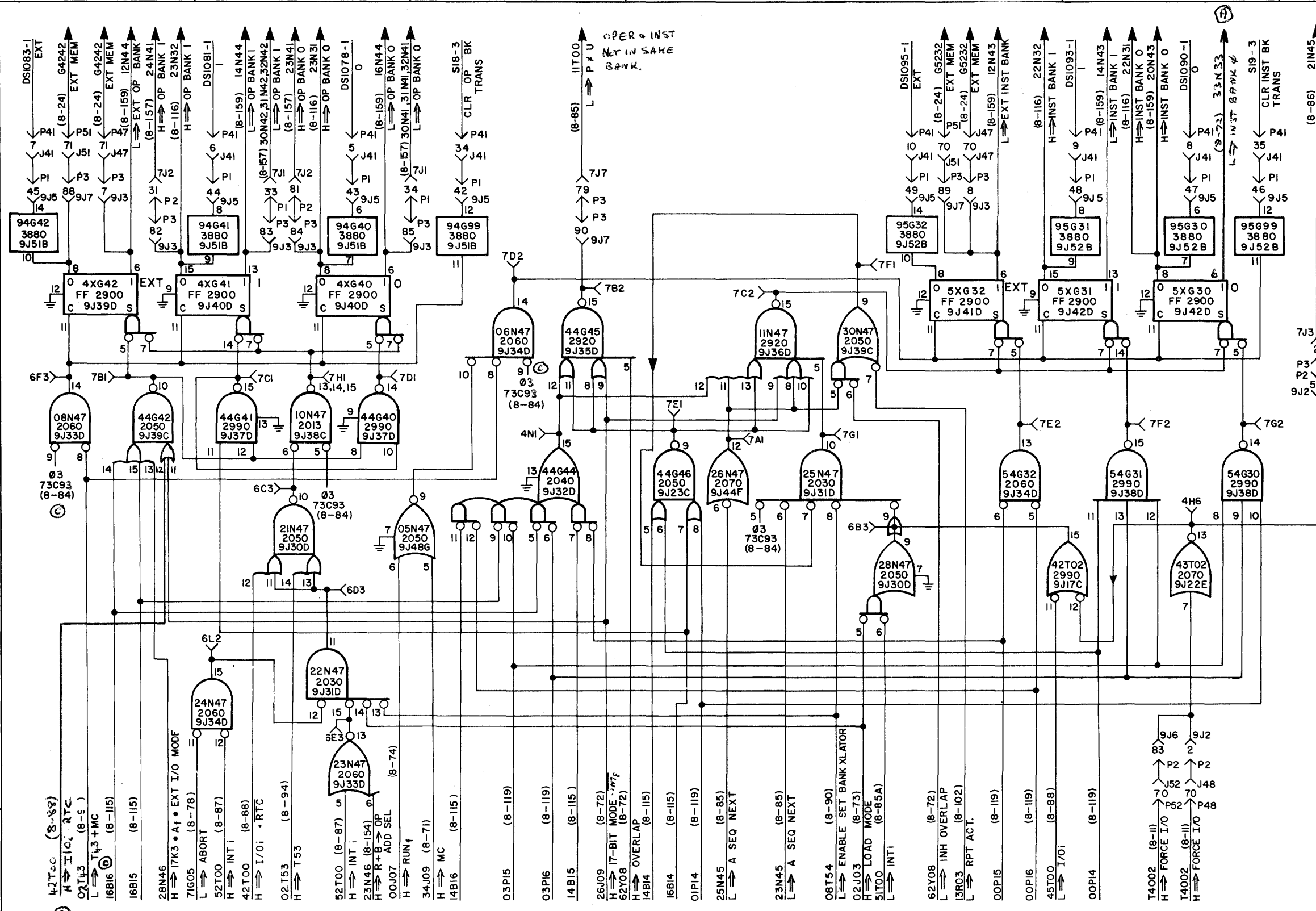
FIGURE 8-157

IDENT NO. 7075216-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT OF INFORMATION: UNIVAC-7075216-00. ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREIN MAY NOT BE DISCLOSED TO ANY MANUFACTURER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LIST OF MATERIAL	
DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS ± .005		DATE 12-8-66	
HOLE DIAMETER TOLERANCE: 0 THRU .250 ± .003, .251 THRU .500 ± .005, .501 & LARGER ± .010		CLASS A	
THREADS: EX. CL. 2A, INT. CL. 2B		DRAFTSMAN G. S. WHEBBE	
MATERIAL		CHECKER B. POPOV	
FINISH		ENGINEER J. LAMBING	
APPLICATION		APPROVAL <i>J. Lambing</i>	
NEXT ASST. EQUIPMENT		CODE IDENT NO. 90536	
COMMODITY CODE		SIZE D	
		DWG NO. 7075216	
		SCALE	
		WEIGHT	
		SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE APPROVED
A	E13243		17 BIT MODE & BOOTSTRAP COMPATIBILITY	
B	E13396		COMPUTER I/O MODE	
C	3508		COMPUTER TIMING CORRECTION.	



- 42T00 (8-82) H → I/O₁ RTC (8-81) L → T₁+MC (8-115)
- 16B15 (8-115)
- 28N46 H → I7K3 • A₁ • EXT I/O MODE (8-78) L → ABORT (8-87)
- 52T00 H → INT₁ (8-88)
- 42T00 H → I/O₁ • RTC (8-94)
- 02T53 H → T53 (8-87)
- 23N47 H → INT₁ (8-154) H → R+B → OP (8-74) H → ADD SEL (8-74)
- 00J07 H → RUN₁ (8-119)
- 34J09 H → MC (8-115)
- 14B16 (8-119)
- 03P15 (8-119)
- 03P16 (8-119)
- 14B15 (8-119)
- 26J09 H → 17-BIT MODE • RTF (8-72)
- 62Y08 H → OVERLAP (8-115)
- 14B14 (8-115)
- 01P14 (8-119)
- 25N45 L → A SEQ NEXT (8-85)
- 23N45 L → A SEQ NEXT (8-90)
- 08T54 L → ENABLE SET BANK XLATOR (8-73)
- 02J03 H → LOAD MODE (8-85A)
- 51T00 L → INT₁ (8-72)
- 62Y08 L → INH OVERLAP (8-102)
- 38R03 L → RPT ACT. (8-119)
- 00P15 (8-119)
- 00P16 (8-119)
- 45T00 L → I/O₁ (8-88)
- 00P14 (8-119)
- T4002 H → FORCE I/O (8-11) H → FORCE I/O (8-11) H → FORCE I/O (8-11)

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						

FIGURE 8-158

IDENT NO. 7075217-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT.

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES	TOLERANCE	3 PLACE DECIMALS	ANGLES
		± .005	± .010
		± .002	± .005
		± .001	± .002
		± .002	± .005
HOLE DIAMETER TOLERANCE			
		0 THRU .250	± .005
		.251 THRU .500	± .010
		.501 & LARGER	± .015
THREADS: EXT. CL. 2A, INT. CL. 2B			
MATERIAL		FINISH	
APPLICATION		COMMODITY CODE	
EQUIPMENT		DATE	
LAYOUT		CLASS	
DRAFTSMAN		TITLE	
CHECKER		CODE IDENT NO.	
ENGINEER		SIZE	
APPROVAL		DWG NO.	
DATE		SCALE	
		WEIGHT	
		SHEET 1 OF 1	

DATE	CLASS	TITLE	CODE IDENT NO.	SIZE	DWG NO.
H9-66		FUNCTIONAL SCHEMATIC, BANK TRANSLATION	90536	D	7075217
3-31-67					
3-31-67					

UNIVAC

DIVISION OF SPERRY RAND CORPORATION

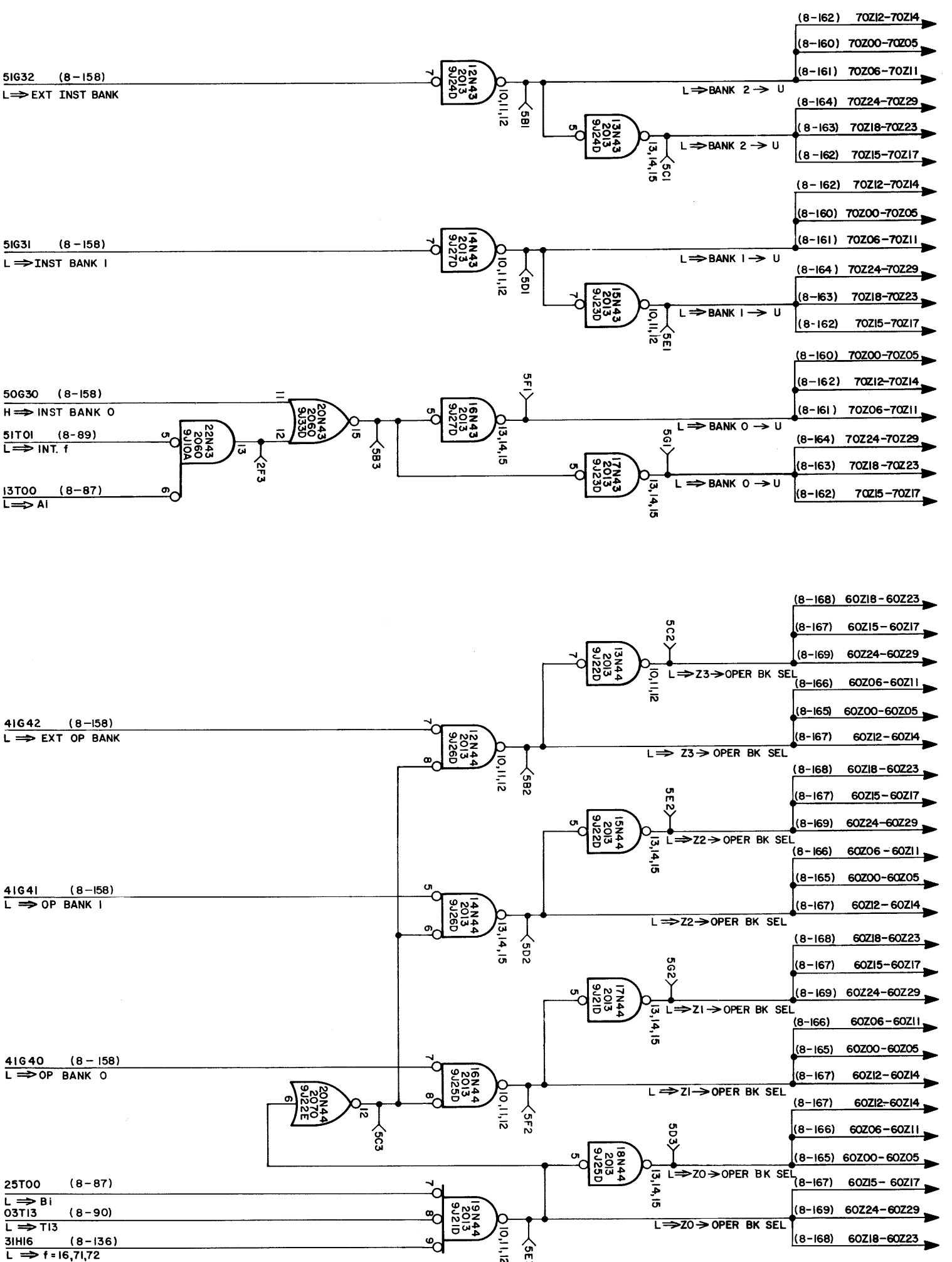


FIGURE 8-159

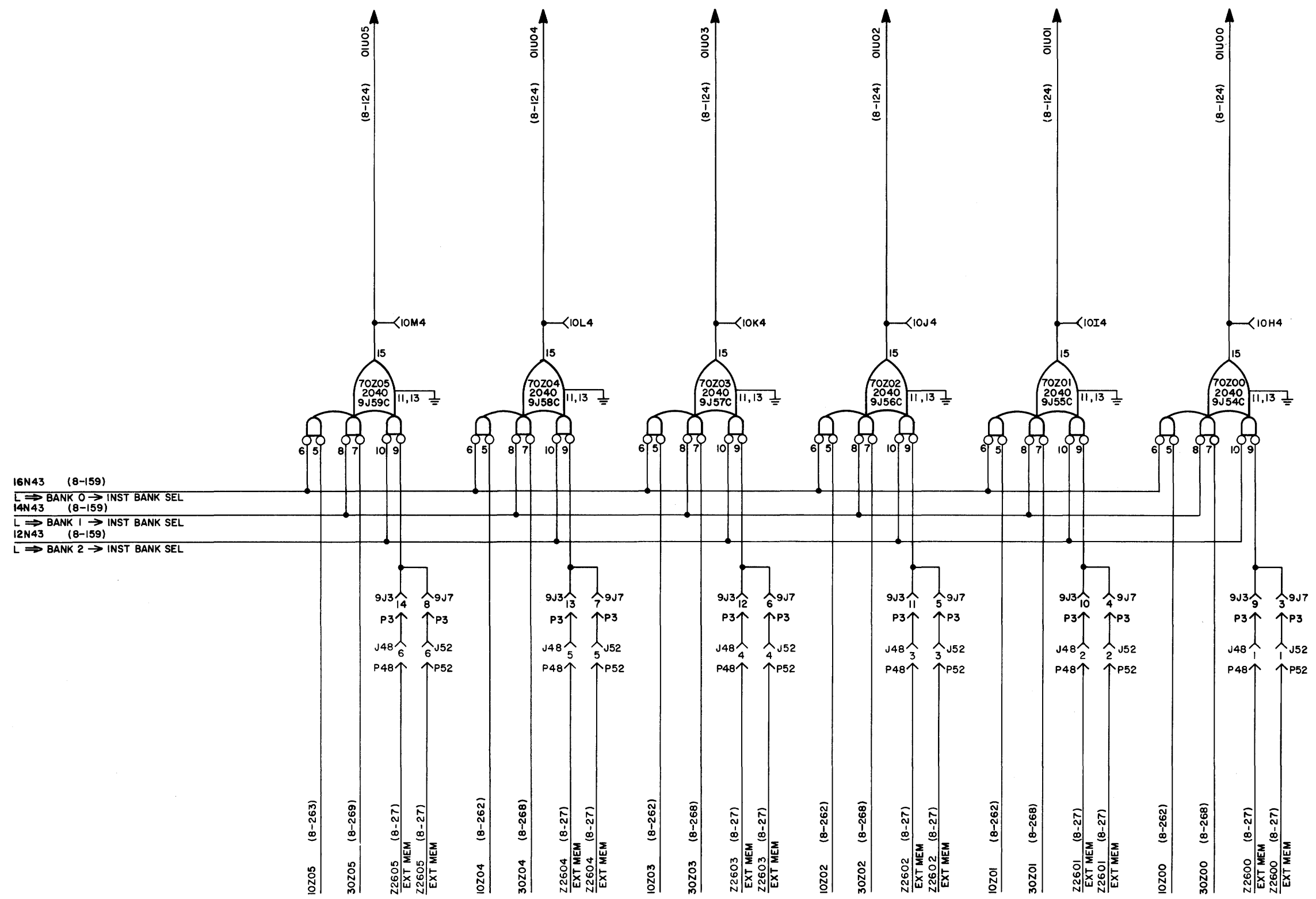
UNLESS OTHERWISE SPECIFIED:		DIMENSIONS IN INCHES TOLERANCE ON DECIMALS		DIMENSIONS IN MILLIMETERS TOLERANCE ON DECIMALS	
FRACTIONS		DECIMALS		DECIMALS	
±		±		±	
HOLE DIMENSION TOLERANCE		HOLE DIMENSION TOLERANCE		HOLE DIMENSION TOLERANCE	
+0.0015		+0.0015		+0.0015	
-0.0015		-0.0015		-0.0015	
THERMALLY EXPANDED INT. CL. 28		THERMALLY EXPANDED INT. CL. 28		THERMALLY EXPANDED INT. CL. 28	
APPROVAL		APPROVAL		APPROVAL	
DRAWN		DRAWN		DRAWN	
CHECKED		CHECKED		CHECKED	
DATE		DATE		DATE	
2-11-65		2-11-65		2-11-65	
CLASS		CLASS		CLASS	
A		A		A	
DIVISION OF SERVICE AND OPERATIONS		DIVISION OF SERVICE AND OPERATIONS		DIVISION OF SERVICE AND OPERATIONS	
UNIVAC		UNIVAC		UNIVAC	
FUNCTIONAL SCHEMATIC, BANK SELECT ENABLES		FUNCTIONAL SCHEMATIC, BANK SELECT ENABLES		FUNCTIONAL SCHEMATIC, BANK SELECT ENABLES	
CODE IDENT NO.		CODE IDENT NO.		CODE IDENT NO.	
90536		90536		90536	
SIZE		SIZE		SIZE	
D		D		D	
DWG NO.		DWG NO.		DWG NO.	
7032665		7032665		7032665	
SCALE		SCALE		SCALE	
1		1		1	
WEIGHT		WEIGHT		WEIGHT	
SHEET 1 OF 1		SHEET 1 OF 1		SHEET 1 OF 1	

REV	ZONE	DESCRIPTION	DATE	APPROVED
A		71693		
SEE EIR				

IDENT NO. 7032665-00

THIS SCHEMATIC IS THE PROPERTY OF THE UNITED STATES GOVERNMENT. IT IS TO BE REPRODUCED AS SHOWN, AND NOT TO BE REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE UNITED STATES GOVERNMENT.

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPR/VELL



16N43 (8-159)
 L → BANK 0 → INST BANK SEL
 14N43 (8-159)
 L → BANK 1 → INST BANK SEL
 12N43 (8-159)
 L → BANK 2 → INST BANK SEL

IOZ05 (8-263) 30Z05 (8-269) Z2605 (8-27) EXT MEM Z2605 (8-27) EXT MEM
 IOZ04 (8-262) 30Z04 (8-268) Z2604 (8-27) EXT MEM Z2604 (8-27) EXT MEM
 IOZ03 (8-262) 30Z03 (8-268) Z2603 (8-27) EXT MEM Z2603 (8-27) EXT MEM
 IOZ02 (8-262) 30Z02 (8-268) Z2602 (8-27) EXT MEM Z2602 (8-27) EXT MEM
 IOZ01 (8-262) 30Z01 (8-268) Z2601 (8-27) EXT MEM Z2601 (8-27) EXT MEM
 IOZ00 (8-262) 30Z00 (8-268) Z2600 (8-27) EXT MEM Z2600 (8-27) EXT MEM

FIGURE 8-160

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES ± ± ± HOLE DIAMETER TOLERANCE 0 THRU .250 +.003 -0.002 .251 THRU .500 +.005 -0.005 .501 & LARGER +.010 -0.005 THREADS: EXT. CL. 2A, INT. CL. 2B MATERIAL FINISH	LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION FUNCTIONAL SCHEMATIC, INSTRUCTION BANK SELECT BITS 00-05
	DRAFTSMAN D. LODGE	12-8-67	A	
	CHECKER B. POPOV	3-31-67		
	ENGINEER J. LAMBING	3-31-67		
APPROVAL <i>J. Lambing</i>	3-31-67			CODE IDENT NO. 90536
COMMODITY CODE				SIZE D
				DWG NO. 7075218
				SCALE
				WEIGHT
				SHEET 1 OF 1

IDENT NO. 7075218-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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REVISIONS			
SYM	ZONE	EIR	DESCRIPTION

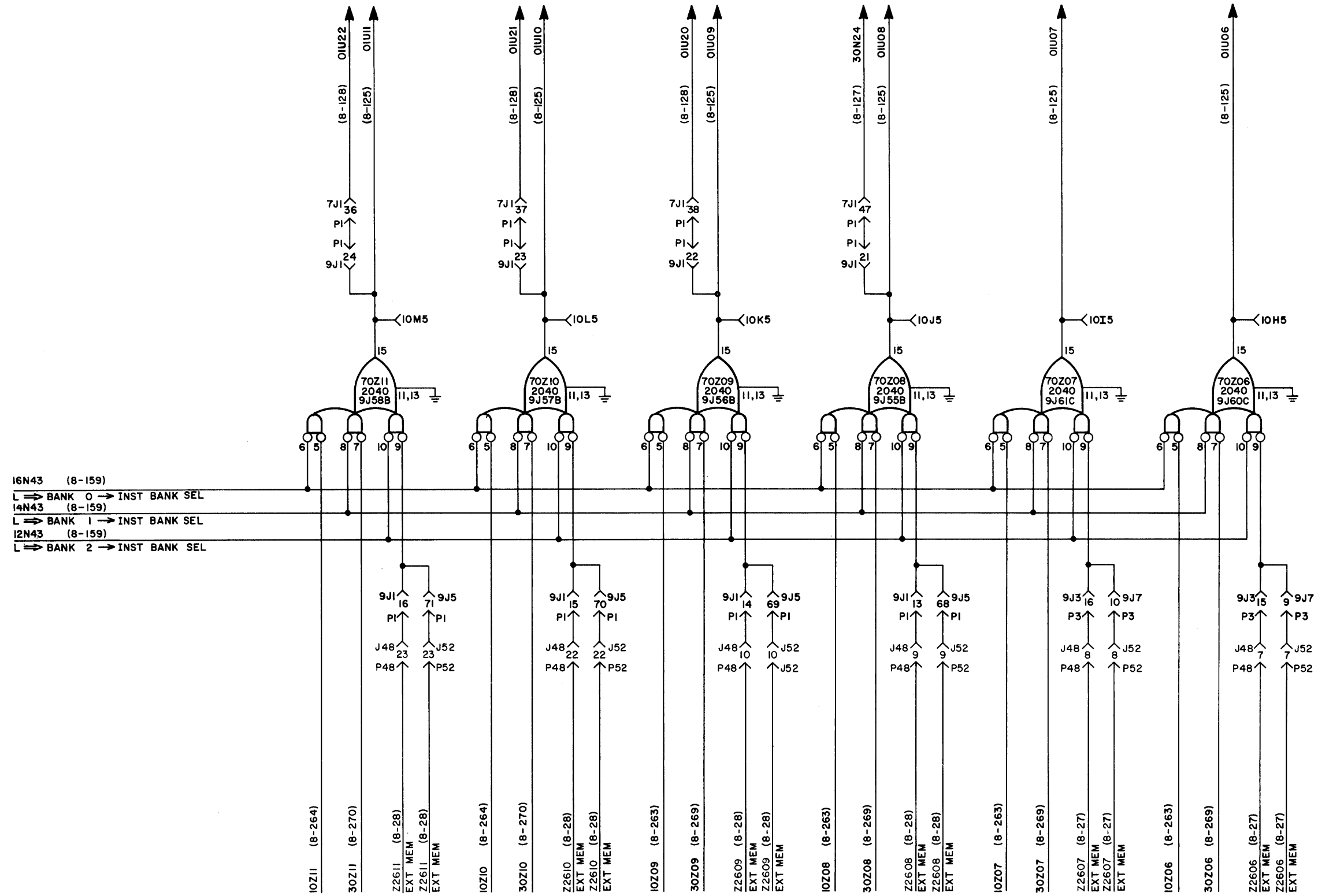


FIGURE 8-161

IDENT NO. 7075219-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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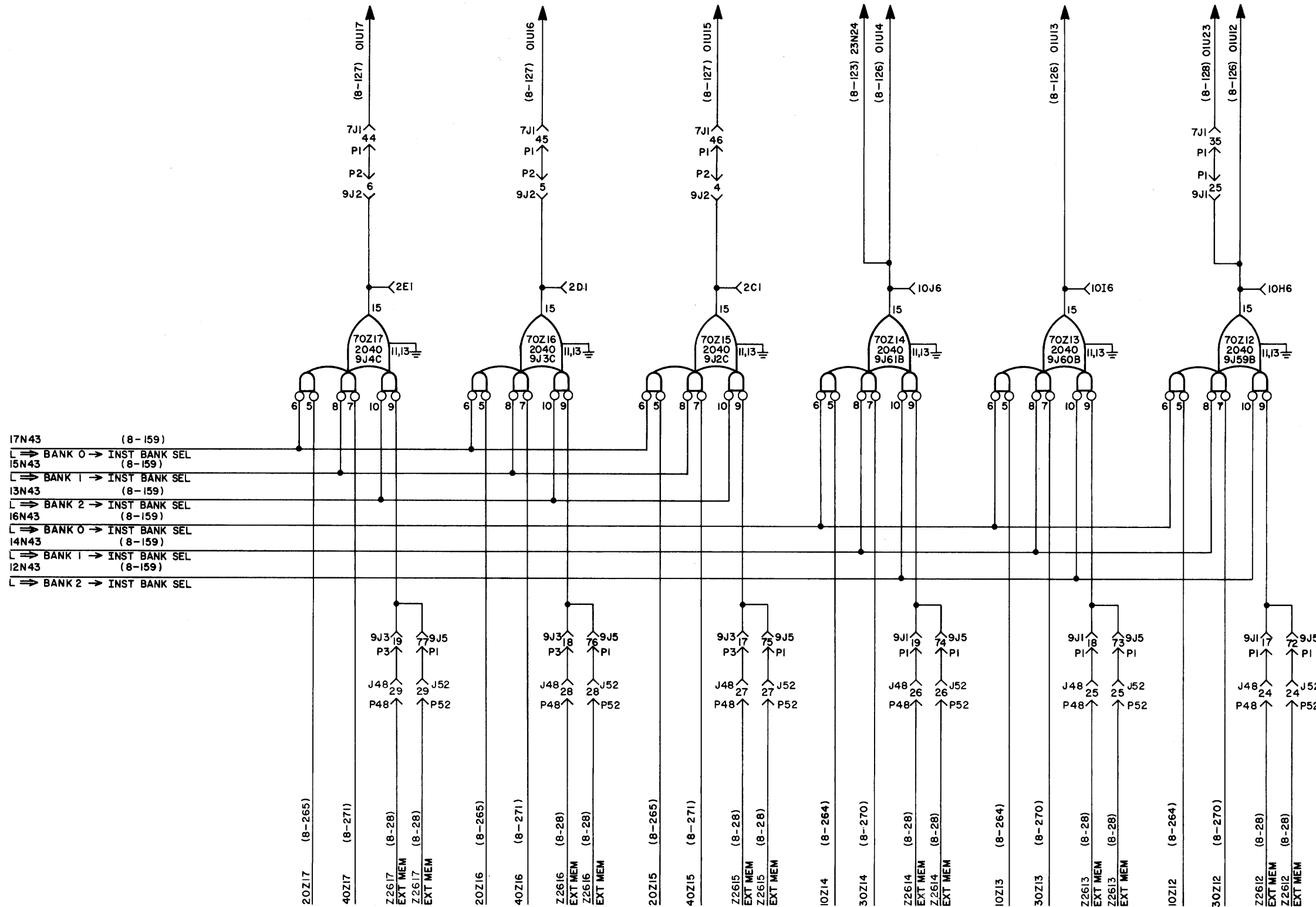
QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED: DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005 HOLE DIAMETER TOLERANCE 0 THRU .250 +.003 -.002 THREADS: EX. CL. 2A, INT. CL. 2B MATERIAL FINISH	LAYOUT	DATE	CLASS
	DRAFTSMAN D. LODGE	12-8-66	A
	CHECKER B. POPOV	3-31-67	
	ENGINEER D. HAIR	3-31-67	
APPROVAL			

TITLE		UNIVAC	
FUNCTIONAL SCHEMATIC, INSTRUCTION BANK SELECT BITS 06-11		DIVISION OF SPERRY RAND CORPORATION	
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7075219	
SCALE	WEIGHT	SHEET	OF

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APPROVED



17N43 (8-159)
 BANK 0 → INST BANK SEL
 15N43 (8-159)
 BANK 1 → INST BANK SEL
 13N43 (8-159)
 BANK 2 → INST BANK SEL
 16N43 (8-159)
 BANK 0 → INST BANK SEL
 14N43 (8-159)
 BANK 1 → INST BANK SEL
 12N43 (8-159)
 BANK 2 → INST BANK SEL

FIGURE 8-162

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	

IDENT NO. 7075220-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± 3 PLACE DECIMALS ± ANGLES ± HOLE DIAMETER TOLERANCE 0 THRU .250 ±.003 .251 THRU .500 ±.005 .501 & LARGER ±.010 THREADS: EXT. CL 2A, INT. CL 2B MATERIAL FINISH	LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION TITLE FUNCTIONAL SCHEMATIC, INSTRUCTION BANK SELECT BITS 12-17 CODE IDENT NO. 90536 SIZE D DWG NO. 7075220 SCALE WEIGHT SHEET OF
	DRAFTSMAN D. LODGE	12-8-66	A	
	CHECKER B. POPOV	3-31-67		
	ENGINEER D. HAIR	3-31-67		
NEXT ASSY	EQUIPMENT	APPROVAL <i>[Signature]</i>		
APPLICATION				
COMMODITY CODE				

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

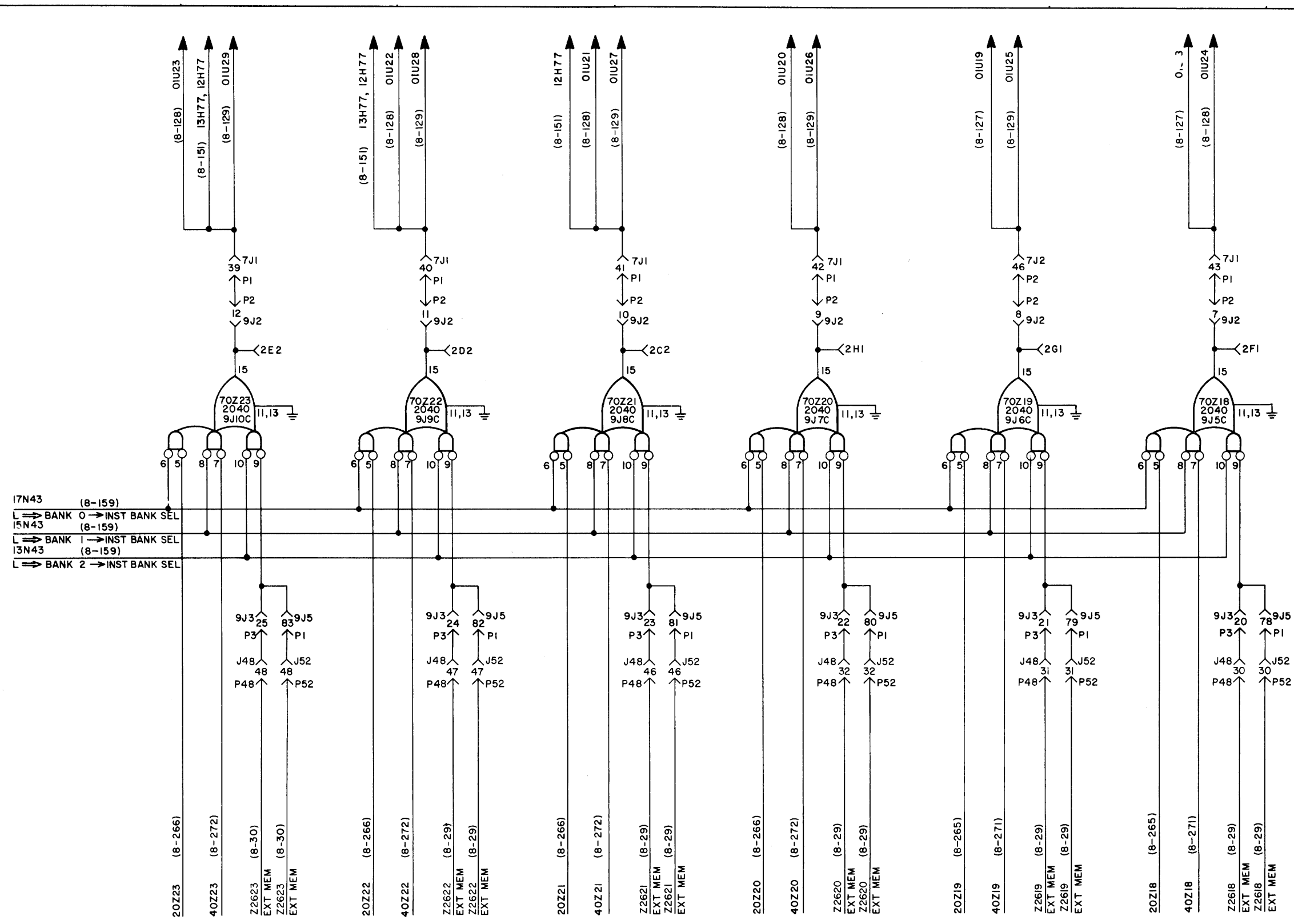


FIGURE 8-163

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
UNLESS OTHERWISE SPECIFIED				LAYOUT			
DIMENSION IN INCHES. TOLERANCE OR				DATE			
2 PLACE DECIMALS				CLASS			
3 PLACE DECIMALS				A			
ANGLES				DRAFTSMAN			
±				R. PHERNETTON			
HOLE DIAMETER TOLERANCE				CHECKER			
0 THRU .250 +.003				B. POPOV			
.251 THRU .500 +.005				ENGINEER			
.501 & LARGER +.010				D. HAIR			
-.002				APPROVAL			
THREADS: EXT. CL. INT. CL. 2B				3-31-67			
MATERIAL				COMMODITY CODE			
FINISH				APPLICATION			
NEXT ASSY				EQUIPMENT			
APPLICATION				COMMODITY CODE			
FINISH				COMMODITY CODE			

IDENT NO. 7075221-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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FUNCTIONAL SCHEMATIC, INSTRUCTION BANK SELECT BITS 18-23

CODE IDENT NO. **90536** SIZE **D** DWG NO. **7075221**

SHEET 1 OF 1

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

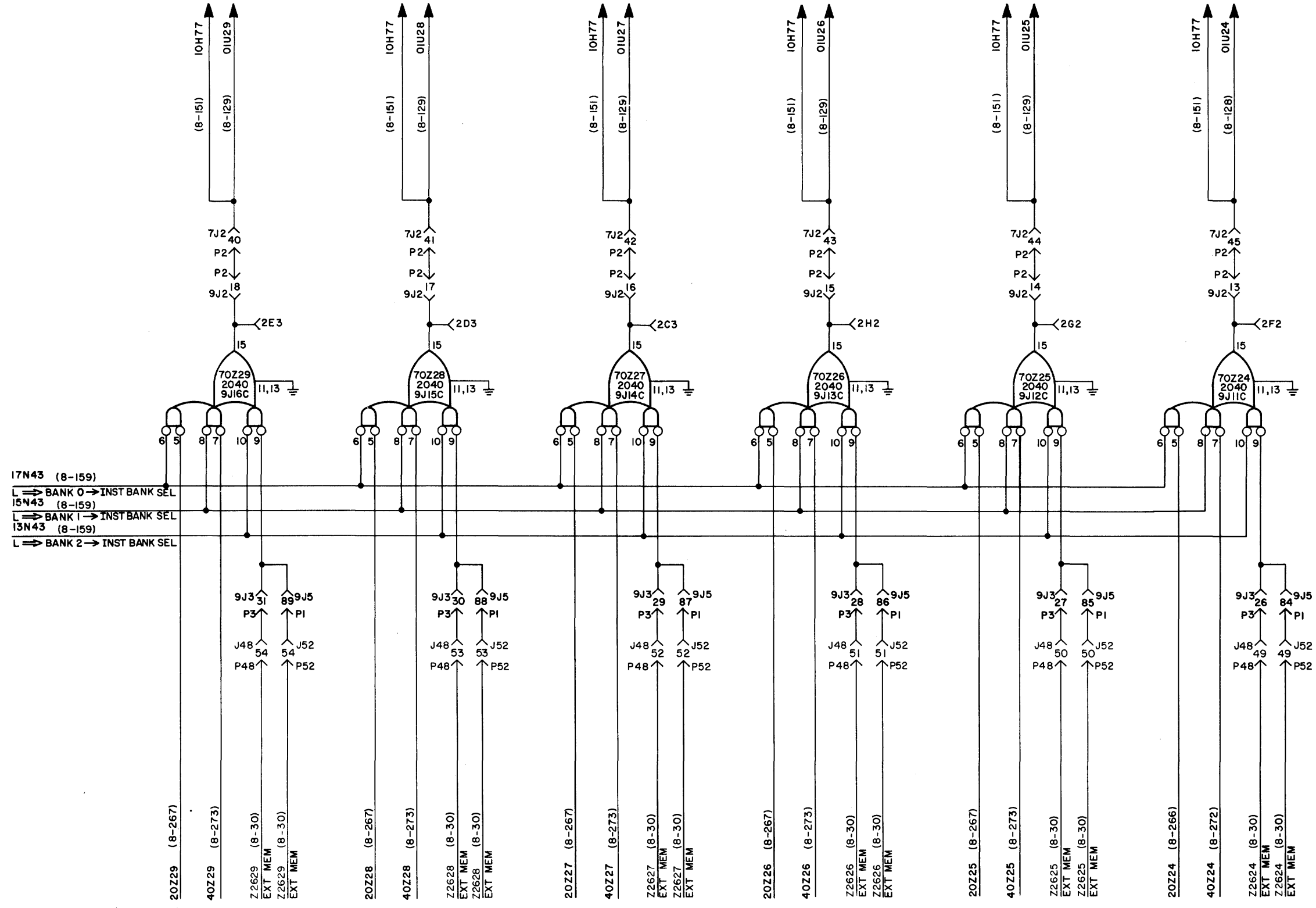


FIGURE 8-164

IDENT NO. 7075222-00

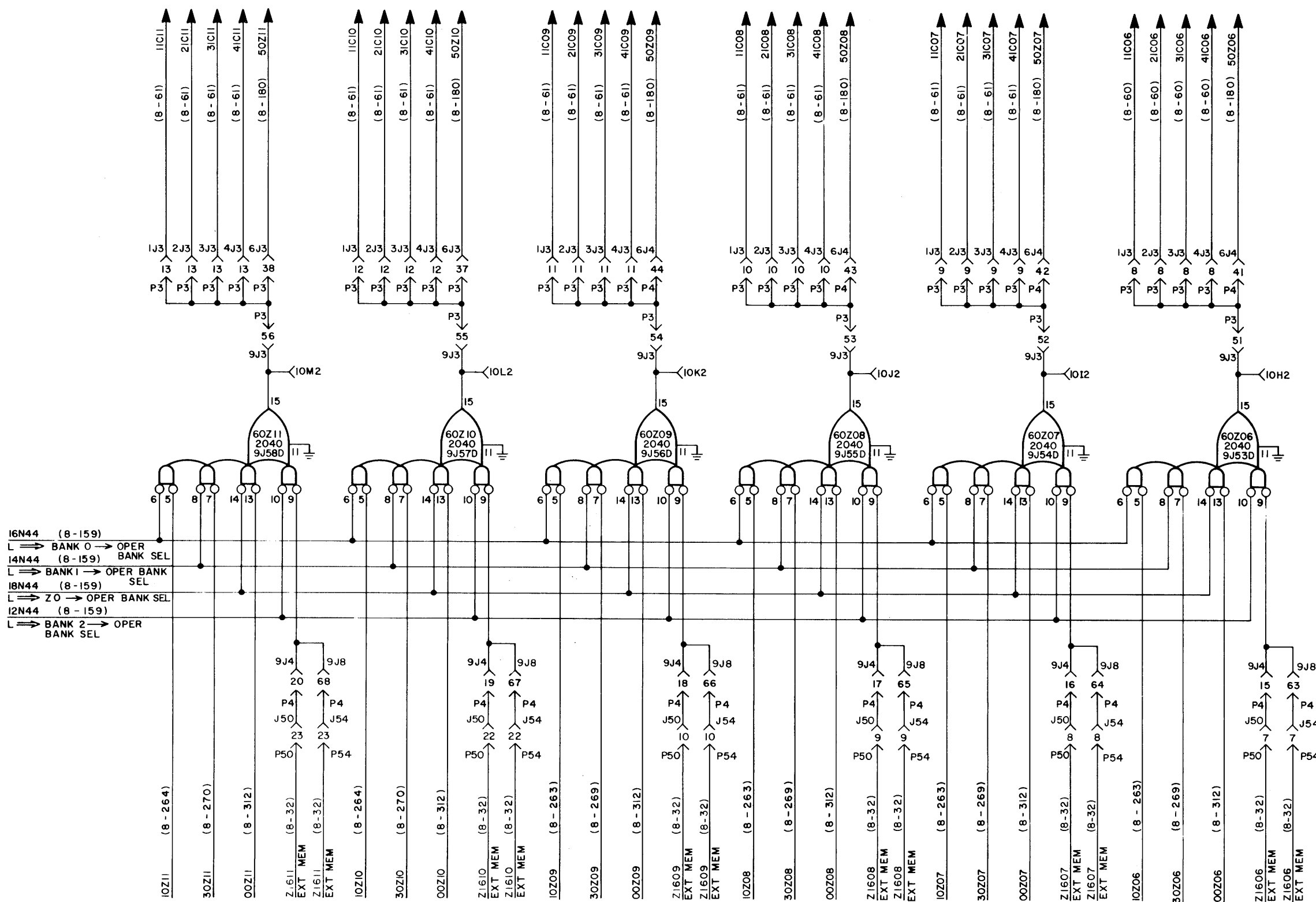
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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES, TOLERANCE OR FINISH	2 PLACE DECIMALS
ANGLE	3 PLACE DECIMALS
HOLE DIAMETER TOLERANCE	0 THRU .250 +.003 .251 THRU .500 +.005 .501 & LARGER +.010 -.005
THREADS	EXT. CL. RA, INT. CL. 2B
MATERIAL	
FINISH	

LAYOUT	DATE	CLASS
DRAFTSMAN D. LODGE	12-8-66	A
CHECKER B. POPOV	3-31-67	
ENGINEER D. HAIR	3-31-67	
APPROVED <i>[Signature]</i>	3-31-67	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
			UNIVAC DIVISION OF SPERRY RAND CORPORATION			
			TITLE FUNCTIONAL SCHEMATIC, INSTRUCTION BANK SELECT BITS 24-29			
CODE IDENT NO. 90536		SIZE D	DWG NO. 7075222			
SCALE		WEIGHT	SHEET OF			

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED



I6N44 (8-159)
 L → BANK 0 → OPER BANK SEL
 I4N44 (8-159)
 L → BANK 1 → OPER BANK SEL
 I8N44 (8-159)
 L → Z 0 → OPER BANK SEL
 I2N44 (8-159)
 L → BANK 2 → OPER BANK SEL

FIGURE 8-166

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

UNIVAC
DIVISION OF SPERRY RAND CORPORATION

IDENT NO. 7075224-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

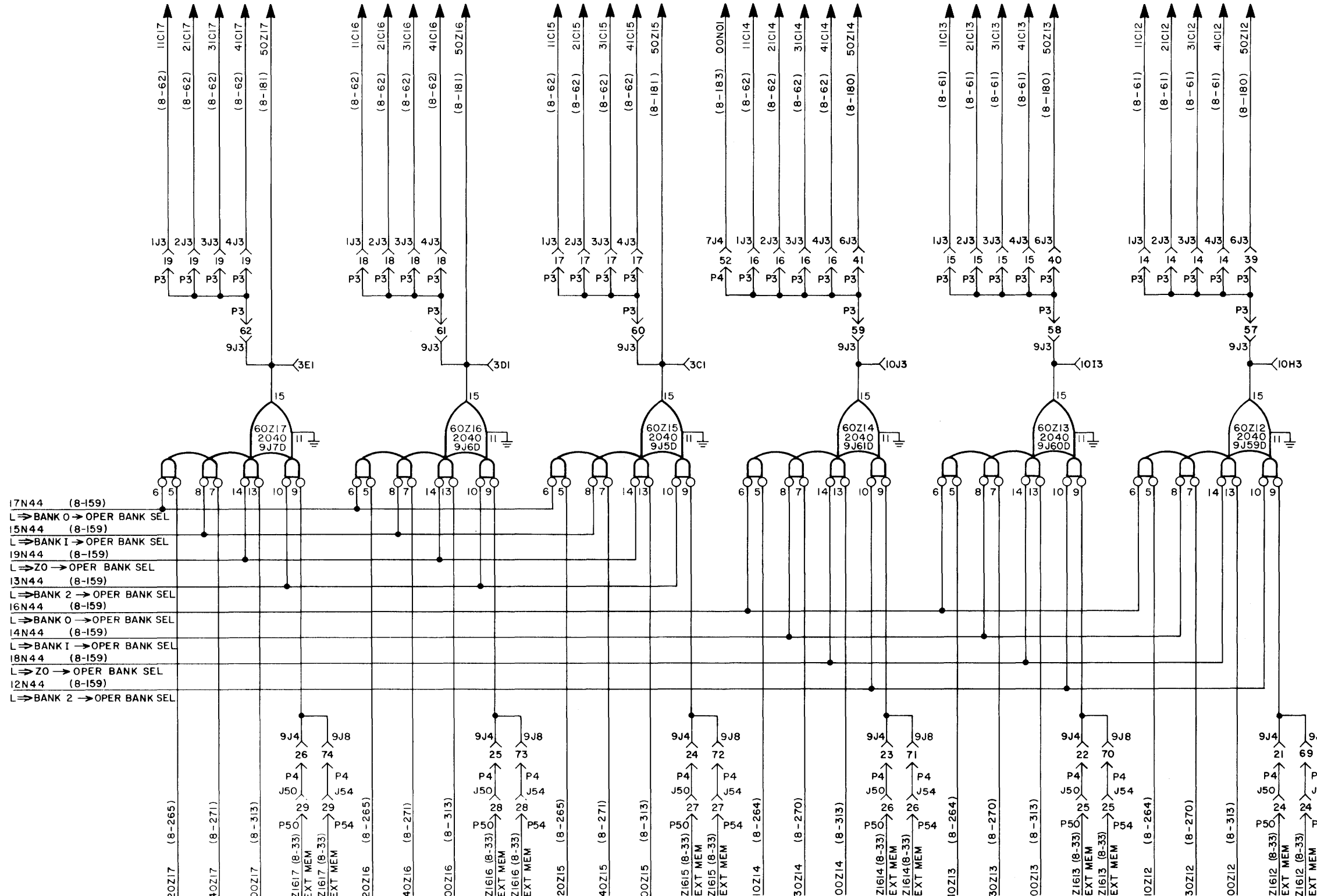
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UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .003		DRAFTSMAN	12-7-66	A
3 PLACE DECIMALS ± .002		R. C. PETERSON		
ANGLES ± .005		CHECKER		
HOLE DIAMETER TOLERANCE		B. POPOV	3-31-67	
0 THRU .250 ± .003		ENGINEER		
.251 THRU .500 ± .005		D. HAIR	3-31-67	
.501 & LARGER ± .010		APPROVAL		
- .002 ± .005				
THREADS: EXT. CL 2A, INT. CL 2B				
MATERIAL	FINISH			
NEXT ASSY	EQUIPMENT			
APPLICATION				
COMMODITY CODE				

FUNCTIONAL SCHEMATIC, OPERAND BANK SELECT BITS 06-11

CODE IDENT NO.	SIZE	DWG NO.
90536	D	7075224
SCALE	WEIGHT	SHEET 1 OF 1

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APP'D/ELC



- 17N44 (8-159)
L → BANK 0 → OPER BANK SEL
- 15N44 (8-159)
L → BANK I → OPER BANK SEL
- 19N44 (8-159)
L → Z0 → OPER BANK SEL
- 13N44 (8-159)
L → BANK 2 → OPER BANK SEL
- 16N44 (8-159)
L → BANK 0 → OPER BANK SEL
- 14N44 (8-159)
L → BANK I → OPER BANK SEL
- 18N44 (8-159)
L → Z0 → OPER BANK SEL
- 12N44 (8-159)
L → BANK 2 → OPER BANK SEL

FIGURE 8-167

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
UNIVAC DIVISION OF SPERRY RAND CORPORATION							
UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES. TOLERANCE ON		LAYOUT		DATE	
2 PLACE DECIMALS		3 PLACE DECIMALS		DRAFTSMAN		128-66	
+		-		R.C. PETERSON			
HOLE DIAMETER TOLERANCE		ANGLES		CHECKER		3-31-67	
0 THRU .250		0		B. POPOV			
+.003		1/16		ENGINEER		3-31-67	
+.005		1/8		D. HAIR			
+.010		3/16		APPROVED		3-31-67	
-.002		1/2		R. J. J. J.			
-.005		1		COMMODITY CODE			
THREADS EXT. CL 2A, INT. CL 2B		FINISH		APPLICATION			
				EQUIPMENT			
				NEXT ASSY			
				CLASS		A	
				TITLE		FUNCTIONAL SCHEMATIC, OPERAND BANK SELECT BITS 12-17	
				CODE IDENT NO.		90536	
				SIZE		D	
				DWG NO.		7075225	
				SCALE			
				WEIGHT			
				SHEET		OF 1	

IDENT NO. 7075225-00

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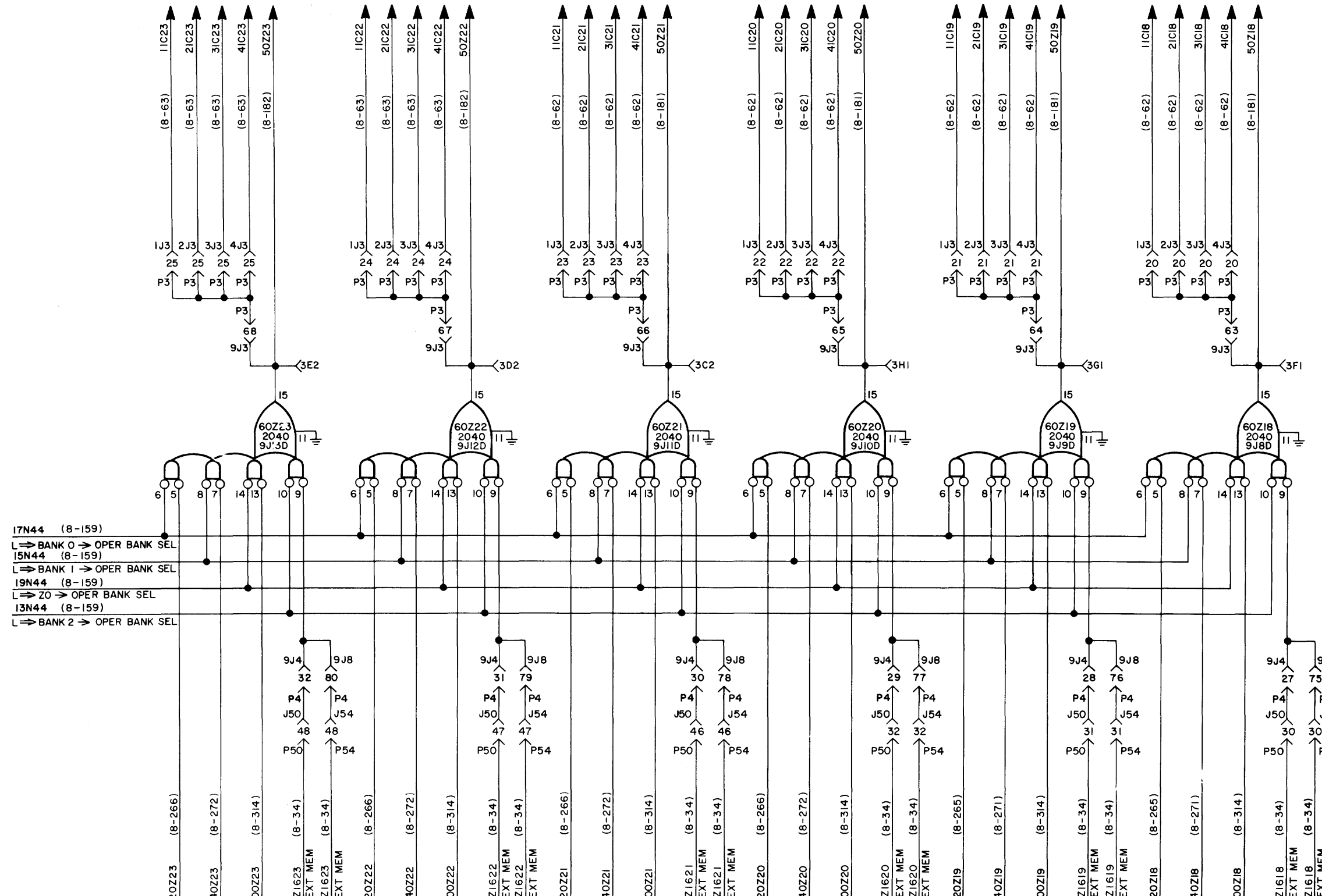


FIGURE 8-168

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES		TOLERANCE ON		
2 PLACE DECIMALS		3 PLACE DECIMALS		ANGLES		
HOLE DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		.501 & LARGER
+ .003		+ .005		+ .010		
- .002		- .005		- .005		
THREADS: EXCEPT AS INT. CL 2B						
MATERIAL		FINISH				
APPLICATION		COMMODITY CODE				
NEXT ASSY		EQUIPMENT				
DATE		CLASS		TITLE		
12-8-66		A		UNIVAC		
DRAFTSMAN R. C. PETERSON		CHECKER B. POPOV		ENGINEER D. HAIR		
3-31-67		3-31-67		3-31-67		
CODE IDENT NO.		SIZE		DWG NO.		
90536		D		7075226		
SCALE		WEIGHT		SHEET 1 OF 1		

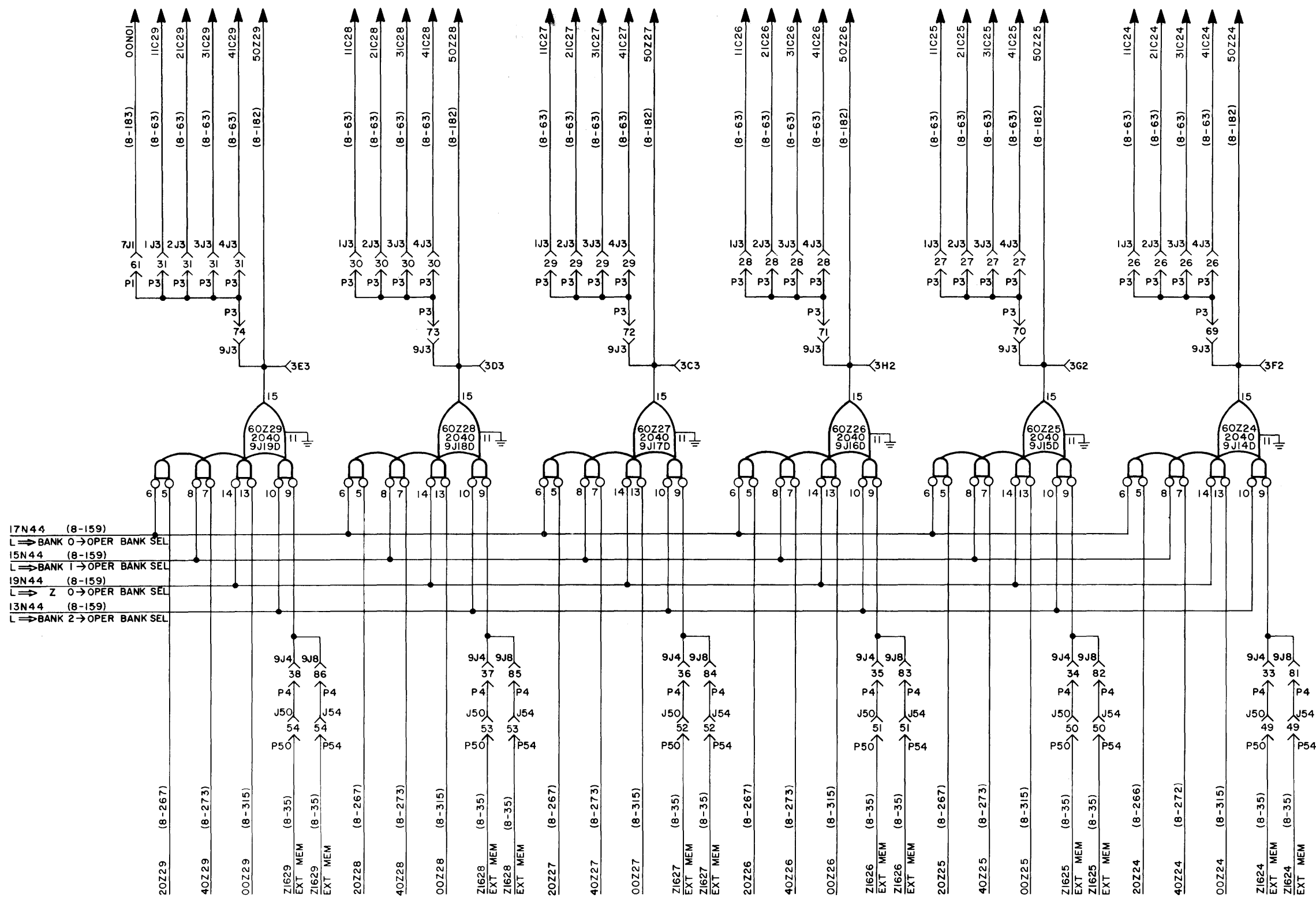
IDENT NO. 7075226-00

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LAYOUT		DATE		CLASS	
R. C. PETERSON		12-8-66		A	
CHECKER B. POPOV		3-31-67		TITLE	
ENGINEER D. HAIR		3-31-67		FUNCTIONAL SCHEMATIC, OPERAND BANK SELECT BITS 18-23	
APPROVAL		3-31-67		CODE IDENT NO.	
				90536	
				SIZE	
				D	
				DWG NO.	
				7075226	
				SCALE	
				WEIGHT	
				SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	DIR	DESCRIPTION	DATE



17N44 (8-159)
L → BANK 0 → OPER BANK SEL
15N44 (8-159)
L → BANK 1 → OPER BANK SEL
19N44 (8-159)
L → Z 0 → OPER BANK SEL
13N44 (8-159)
L → BANK 2 → OPER BANK SEL

FIGURE 8-169

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL			
QTY	FIND	REF DES	CODE

IDENT NO. 7075227-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC COMPANY OR SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT OR INSTRUMENTS AS SPECIFIED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED:	LAYOUT	DATE	CLASS
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES	DRAFTSMAN E. BICKETT	12-6-66	A
HOLE DIAMETER TOLERANCE 0 THRU .250 ±.003 .251 THRU .500 ±.005 .501 & LARGER ±.010	CHECKER B. POPOV	3-31-67	
THREADS: EX. CL. INT. CL. 2B	ENGINEER D. HAIR	3-31-67	
MATERIAL	APPROVED <i>[Signature]</i>	3-31-67	
FINISH			
COMMODITY CODE			

UNIVAC		DIVISION OF SPERRY RAND CORPORATION	
TITLE FUNCTIONAL SCHEMATIC, OPERAND BANK SELECT BITS 24-29			
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7075227	
SCALE	WEIGHT	SHEET	1 of 1

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION

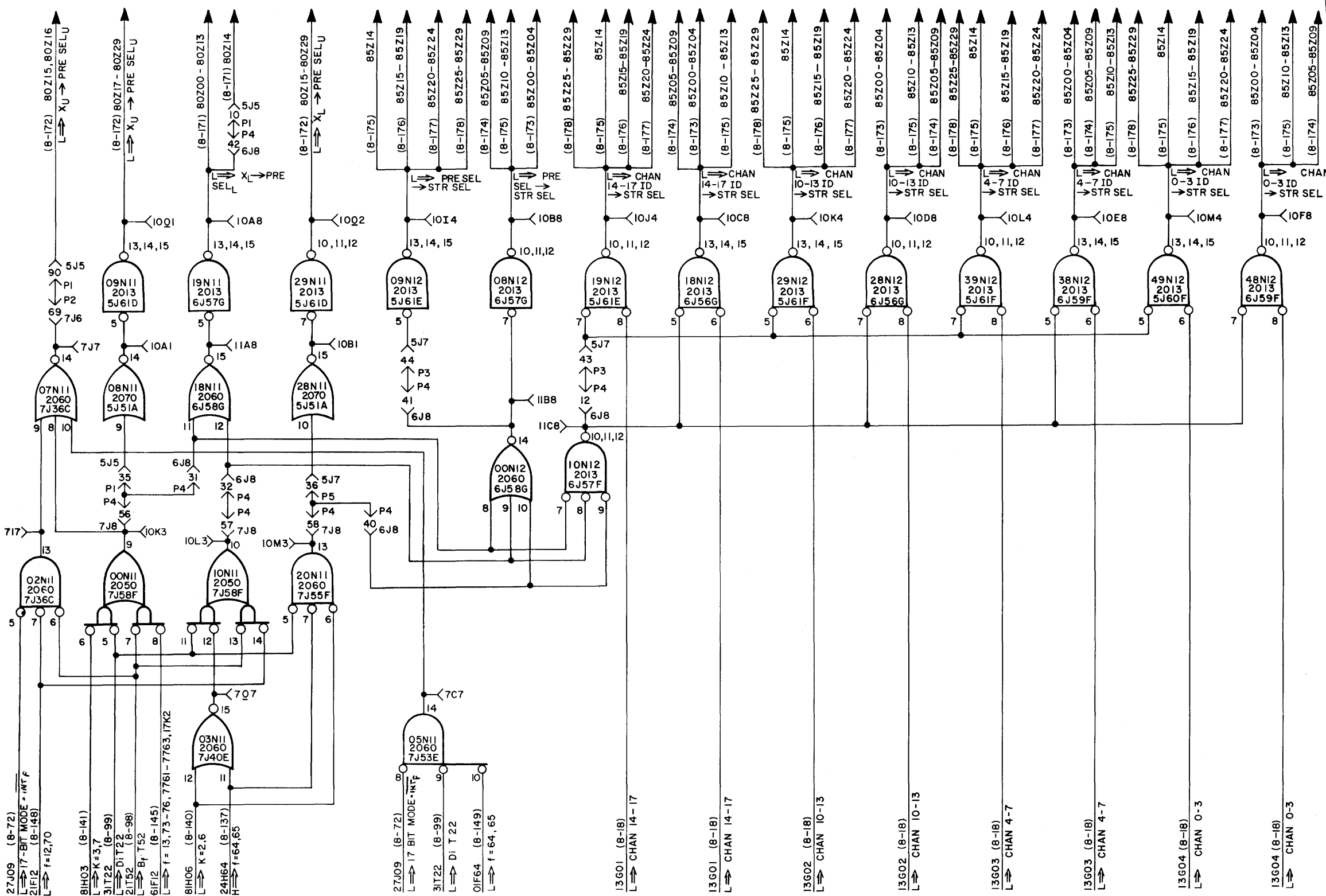


FIGURE 8-170

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						

UNLESS OTHERWISE SPECIFIED		
DIMENSION IN INCHES	TOLERANCE ON 2 PLACE DECIMALS	TOLERANCE ON 3 PLACE DECIMALS
	± .005	± .001
HOLE DIAMETER TOLERANCE		
Ø THRU .250	Ø .251 THRU .500	Ø .501 & LARGER
+ .003	+ .003	+ .010
- .002	- .003	- .005
THREADS: EXC. CL 2A, INT CL 2B		
MATERIAL		
FINISH		

LAYOUT	DATE	CLASS
E BICKETT	12-7-66	A
CHECKER	B. POPOV	3-31-67
ENGINEER	D HAIR	3-31-67
APPROVAL		3-31-67

UNIVAC		
DIVISION OF SPERRY RAND CORPORATION		
TITLE		
FUNCTIONAL SCHEMATIC, STORE SELECT CONTROL		
CODE IDENT NO.	SIZE	DWG NO.
90536	D	7075228
SCALE	WEIGHT	SHEET OF

IDENT NO. 7075228-00

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↑ ↓

REVISIONS			
NO.	DATE	DESCRIPTION	BY
A	77404	SEE EIR	4-22-66 B.P.

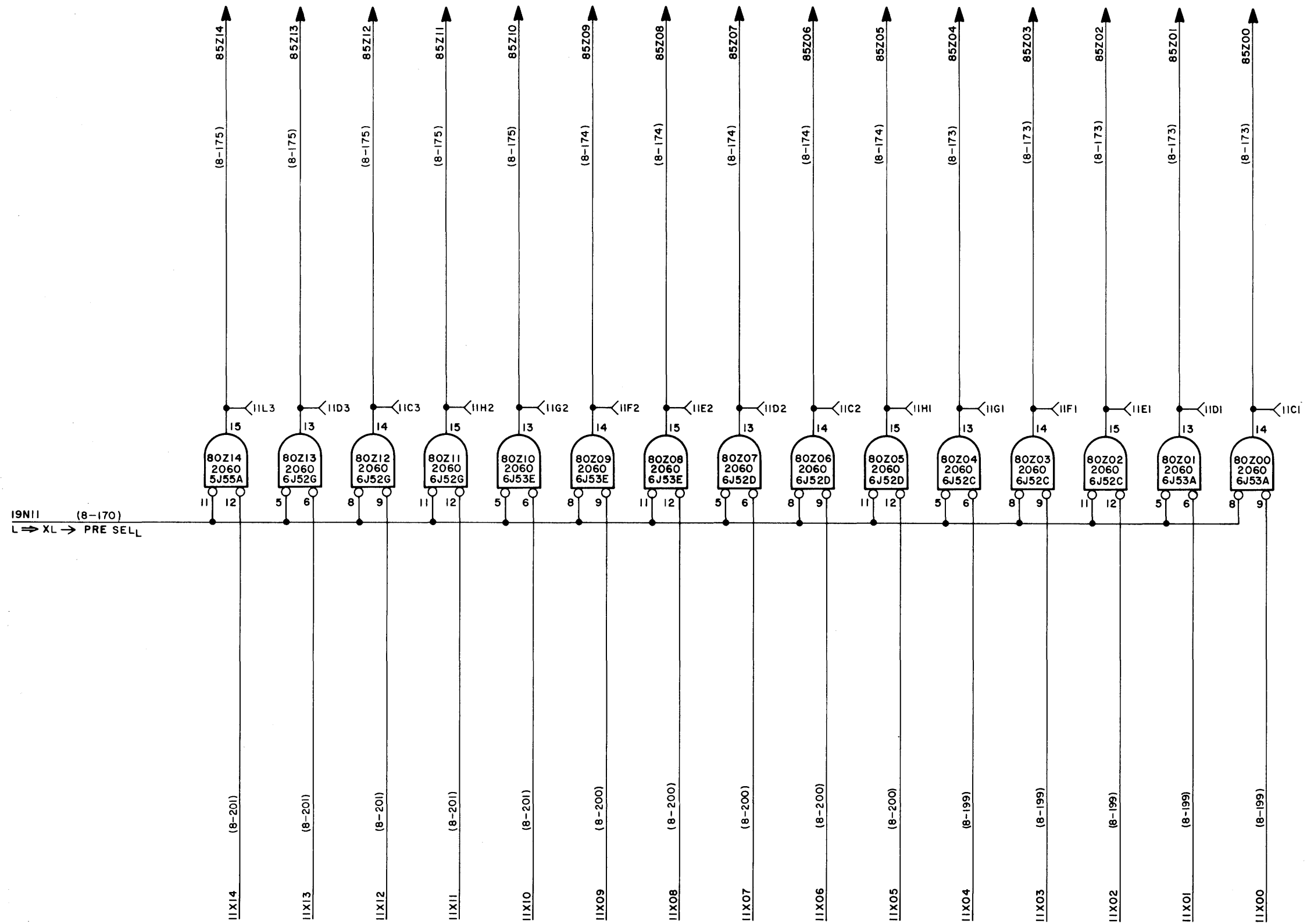


FIGURE 8-171

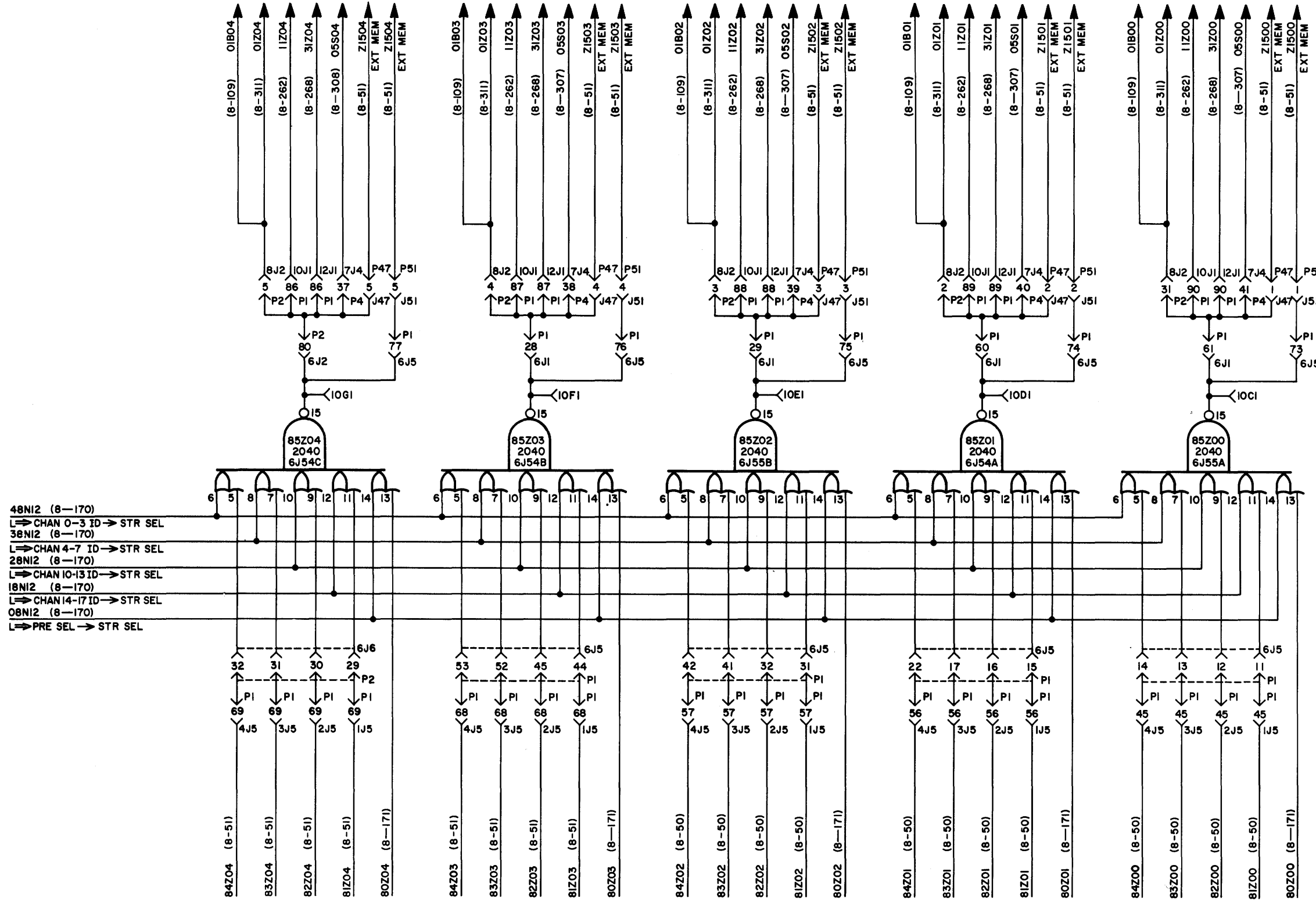
QTY REQD.	IND.	REF DES.	CODE IDENT.	DWG. SIZE.	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						

IDENT NO. 7032794-00

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UNIVAC DIVISION OF SPERRY RAND CORPORATION	DATE		CLASS
	4-22-65		A
	TITLE		
	FUNCTIONAL SCHEMATIC, PRE SELECT BITS 00-14		
DRAFTSMAN		V. STEEBER	
CHECKER		B. POPOV	
ENGINEER		G. KREGNESS	
APPROVAL		[Signature]	
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7032794	
SCALE	WEIGHT	SHEET OF	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED



48NI2 (8-170)
 L → CHAN 0-3 ID → STR SEL
 38NI2 (8-170)
 L → CHAN 4-7 ID → STR SEL
 28NI2 (8-170)
 L → CHAN 10-13 ID → STR SEL
 18NI2 (8-170)
 L → CHAN 14-17 ID → STR SEL
 08NI2 (8-170)
 L → PRE SEL → STR SEL

FIGURE 8-173

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL		DATE	CLASS	UNIVAC	
			A	DIVISION OF SPERRY RAND CORPORATION	
TITLE		DRAFTSMAN			
FUNCTIONAL SCHEMATIC, STORE SELECT BITS 00-04		R.C. PETERSON	12-8-66		
		CHECKER			
		B. POPOV	3-31-67		
		ENGINEER			
		D. FREE	3-31-67		
		APPROVAL			
		<i>[Signature]</i>	3-31-67		
CODE IDENT NO.	SIZE	DWG NO.			
90536	D	7075229			
SCALE	WEIGHT	SHEET	OF		

IDENT NO. 7075229-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		
HOLE DIAMETER TOLERANCE		
0 THRU .250	+.003	
.251 THRU .500	+.004	
.501 & LARGER	+.005	
THREADS: EXT. CL. 2A, INT. CL. 2B		
NEXT ASSY	EQUIPMENT	
APPLICATION	FINISH	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APPROVED

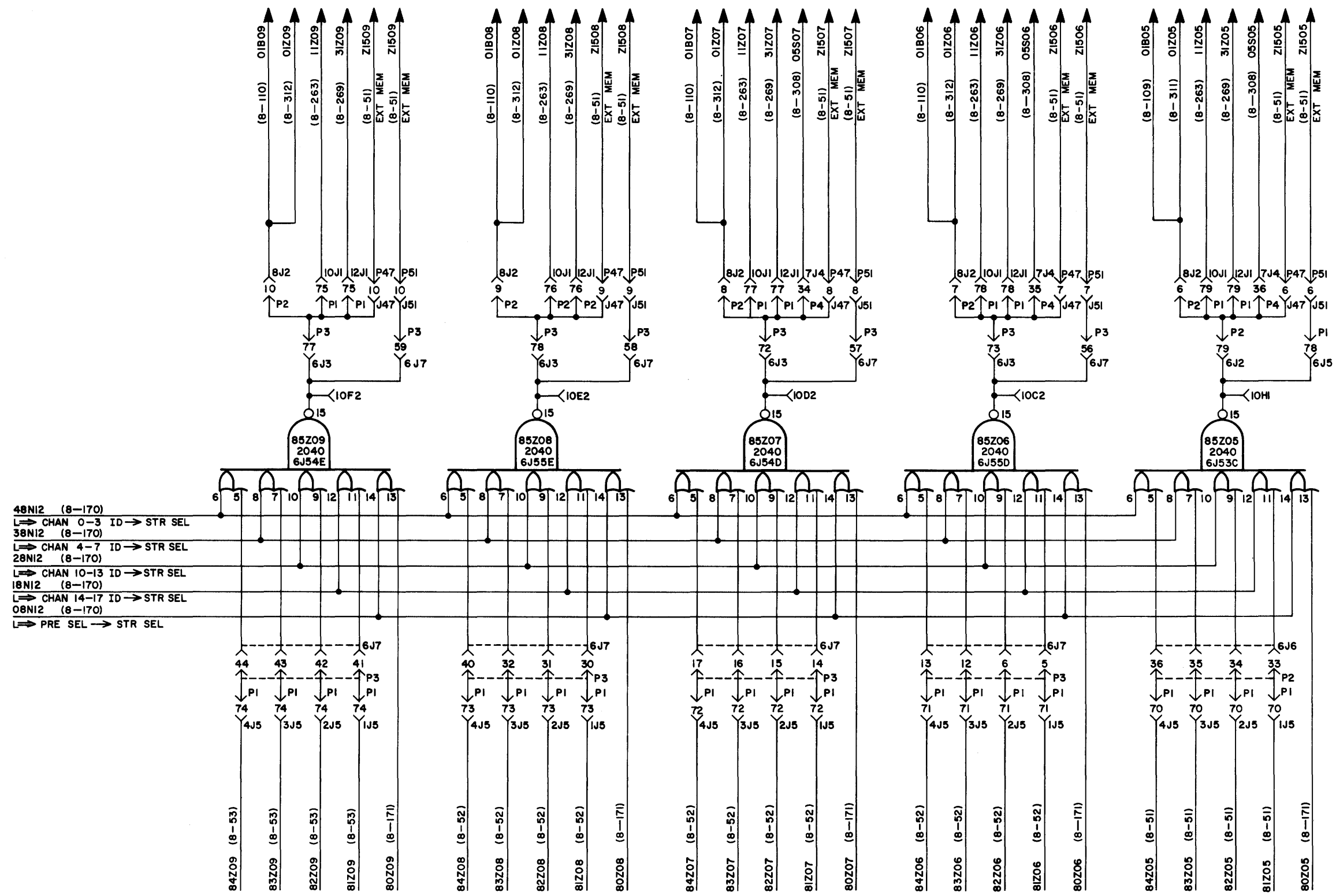


FIGURE 8-174

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

IDENT NO. 7075230-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS = ANGLES = HOLE DIAMETER TOLERANCE 0 THRU .250 + .003 .251 THRU .500 + .005 .501 & LARGER + .010 THREADS: EXT. CL. 2A, INT. CL. 2B	LAYOUT	DATE	CLASS
	DRAFTSMAN G. ERLANDSON	12-8-66	A
	CHECKER B. POPOV	3-31-67	TITLE
	ENGINEER D. FREE	3-31-67	FUNCTIONAL SCHEMATIC, STORE SELECT BITS 05 - 09
NEXT ASSY	EQUIPMENT	APPROVAL	CODE IDENT NO.
APPLICATION	FINISH	<i>D. Free</i>	SIZE
COMMODITY CODE			DWG NO.
			90536
			D
			7075230
			SCALE
			WEIGHT
			SHEET OF

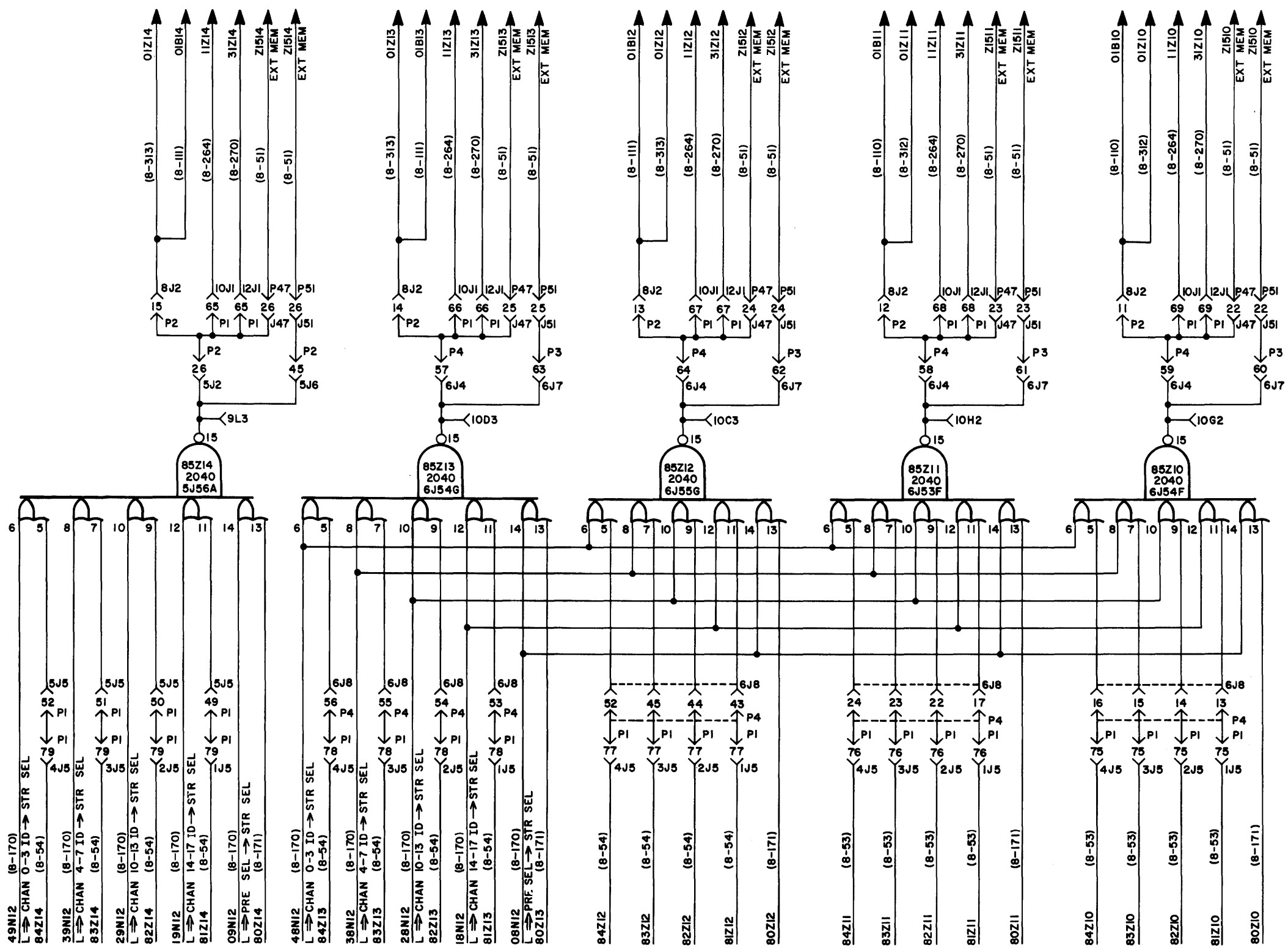


FIGURE 8-175

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						

IDENT NO. 7075231-00

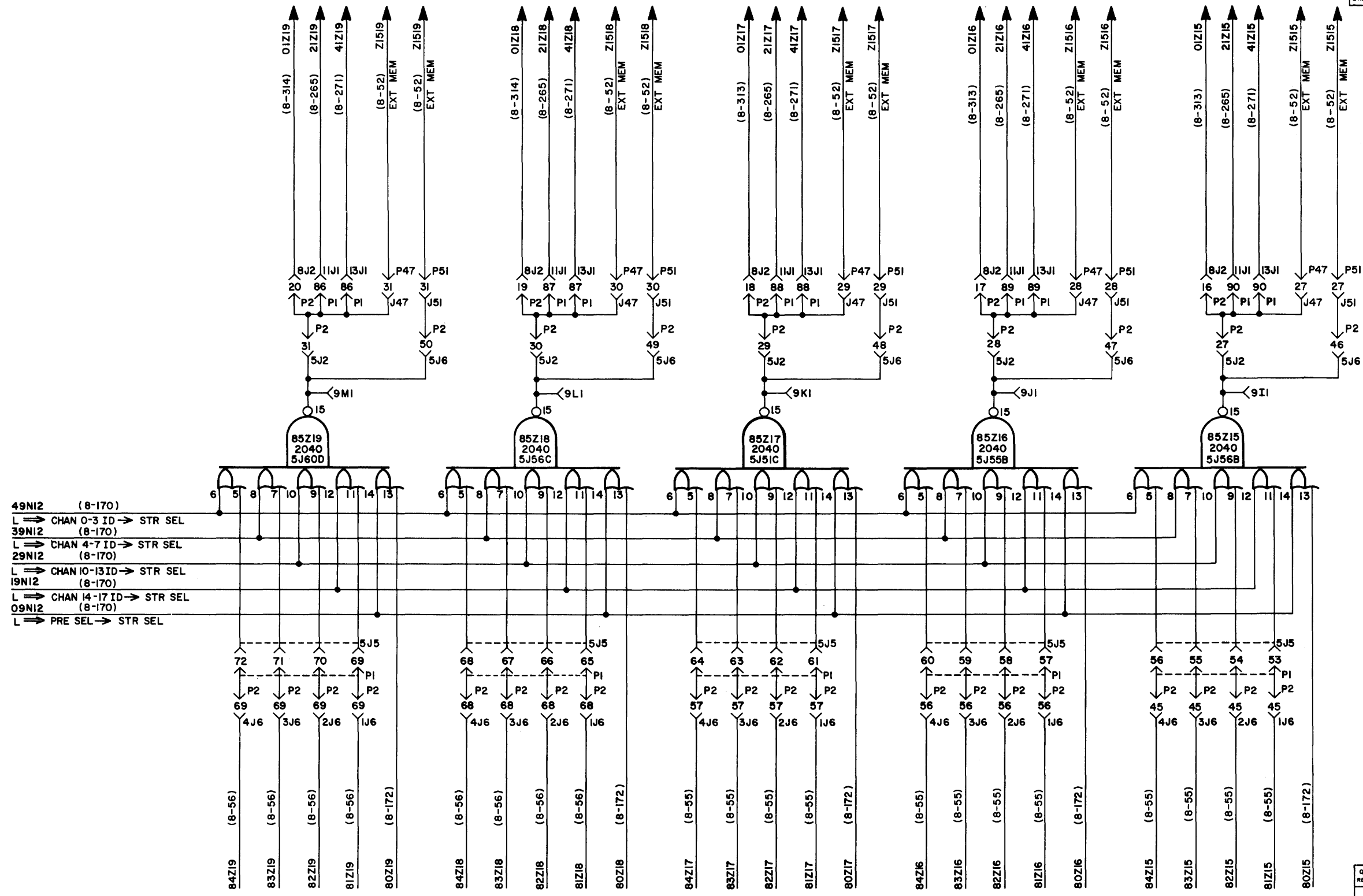
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ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DISCLOSED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005 3 PLACE DECIMALS ± .0005 ANGLES ± .005		DRAFTSMAN	12-7-66	A
HOLE DIAMETER TOLERANCE 0 THRU .250 ± .003 .251 THRU .500 ± .005 .501 & LARGER ± .010		CHECKER		TITLE
THREADS - EXT. CL. 2A, INT. CL. 2B		ENGINEER		FUNCTIONAL SCHEMATIC, STORE SELECT BITS 10-14
MATERIAL		APPROVER		CODE IDENT NO. 90536
FINISH				SIZE D
APPLICATION				DWG NO. 7075231
COMMODITY CODE				SCALE
				WEIGHT
				SHEET 1 OF 1

UNIVAC			
DIVISION OF SPERRY RAND CORPORATION			
TITLE			
FUNCTIONAL SCHEMATIC, STORE SELECT BITS 10-14			
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7075231	
SCALE	WEIGHT	SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE



49N12 (8-170)
 L → CHAN 0-3 ID → STR SEL
 39N12 (8-170)
 L → CHAN 4-7 ID → STR SEL
 29N12 (8-170)
 L → CHAN 10-13 ID → STR SEL
 19N12 (8-170)
 L → CHAN 14-17 ID → STR SEL
 09N12 (8-170)
 L → PRE SEL → STR SEL

FIGURE 8-176

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						

IDENT NO. 7075232-00

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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005 3 PLACE DECIMALS ± .0005 ANGLES ± .010 HOLE DIAMETER TOLERANCE 0 THRU .250 ± .003 .251 THRU .500 ± .005 .501 & LARGER ± .010 THREADS: EXT. CL. 2A, INT. CL. 2B MATERIAL FINISH	LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION TITLE FUNCTIONAL SCHEMATIC, STORE SELECT BITS 15-19 CODE IDENT NO. SIZE DWG NO. 90536 D 7075232 SCALE WEIGHT SHEET OF
	DRAFTSMAN R. PHERNETTON	12-6-66	A	
	CHECKER B. POPOV	3-31-67		
	ENGINEER D. FREE	3-31-67		
NEXT ASSY	EQUIPMENT	APPROVAL <i>D. Free</i>	3-31-67	
APPLICATION	COMMODITY CODE			

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

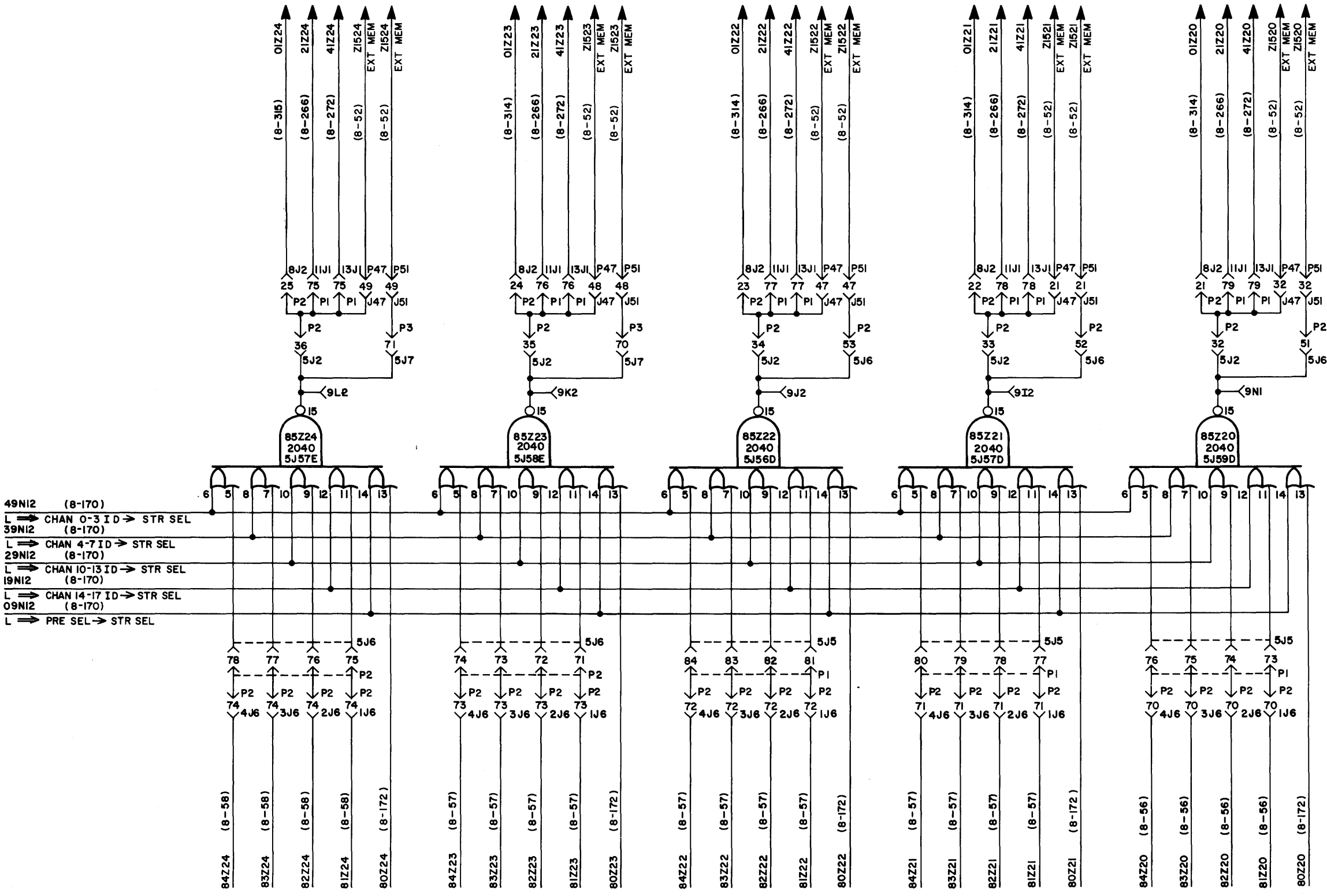


FIGURE 8-177

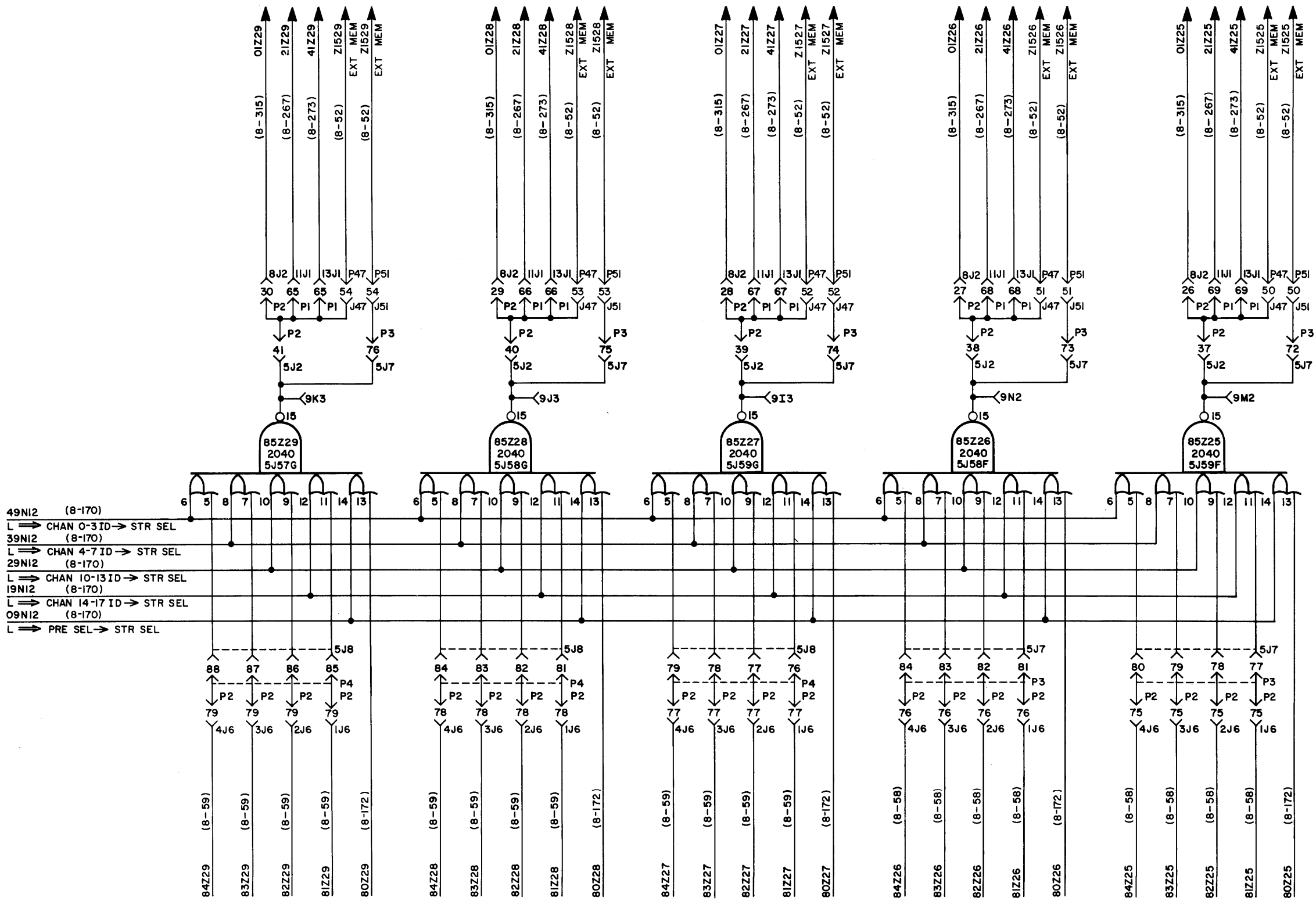
QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
UNLESS OTHERWISE SPECIFIED						LAYOUT	
DIMENSION IN INCHES. TOLERANCE ON						DATE	
2 PLACE DECIMALS						CLASS	
3 PLACE DECIMALS						A	
ANGLES						DRAFTSMAN	
HOLE DIAMETER TOLERANCE						G. ERLANDSON	
0 THRU .300						DATE	
+.003						12-7-66	
.301 & LARGER						CHECKER	
+.010						B. POPOV	
-.002						ENGINEER	
-.005						D. FREE	
THREADS: EXT. INT. CL. 28						APPROVAL	
MATERIAL						3-31-67	
NEXT ASST. EQUIPMENT						3-31-67	
APPLICATION						3-31-67	
COMMODITY CODE						FINISH	
						90536 D 7075233	
						SCALE	
						WEIGHT	
						SHEET	
						OF	

IDENT NO.

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REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE



49NI2 (8-170)
 L → CHAN 0-3 ID → STR SEL
 39NI2 (8-170)
 L → CHAN 4-7 ID → STR SEL
 29NI2 (8-170)
 L → CHAN 10-13 ID → STR SEL
 19NI2 (8-170)
 L → CHAN 14-17 ID → STR SEL
 09NI2 (8-170)
 L → PRE SEL → STR SEL

FIGURE 8-178

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

IDENT NO. 7075234-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES ± ± ± HOLE DIAMETER TOLERANCE 0 THRU .250 ±.001 THRU .500 ±.002 .501 & LARGER ±.005 THREADS: EXPT. CL. 2A, INT. CL. 2B MATERIAL FINISH	LAYOUT	DATE	CLASS
	DRAFTSMAN E. BICKETT	12-6-66	A
	CHECKER B. POPOV	3-31-67	
	ENGINEER D. FREE	3-31-67	
APPROVAL <i>[Signature]</i>	3-31-67		
APPLICATION			
COMMODITY CODE			

CODE IDENT NO.	SIZE	DWG NO.
90536	D	7075234
SCALE	WEIGHT	SHEET OF

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71694	SEE EIR		10-28-65	<i>[Signature]</i>
B		77402	SEE EIR		4-4-66	<i>[Signature]</i>

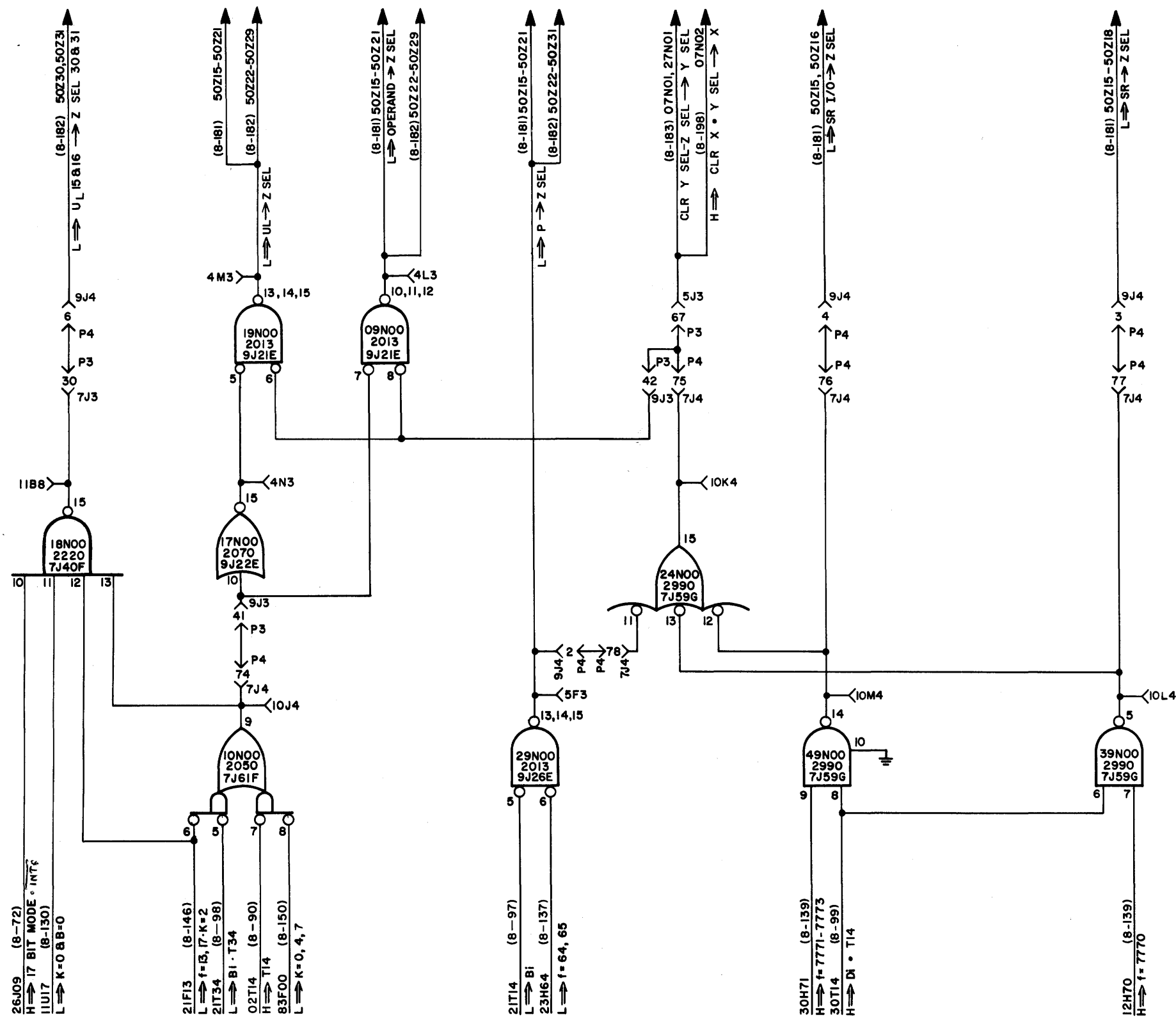


FIGURE 8-179

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION
DIMENSION IN INCHES: TOLERANCE ON FRACTIONS DECIMALS ANGLES			DRAFTSMAN V. STEEBER	4-21-66	A	
HOLE DIAMETER TOLERANCE 0 THRU .250 .003 .005 .010 LARGER .002 .005 .005			CHECKER B. POPOV			FUNCTIONAL SCHEMATIC, Z SELECT CONTROL
THREADS: FRACTIONS INT. CL. 2B			ENGINEER G. KREGNESS			
MATERIAL			APPROVAL <i>[Signature]</i>			CODE IDENT NO. 90536 SIZE D DWG NO. 7032718
FINISH						SCALE WEIGHT SHEET OF

IDENT NO. 7032718-00

THIS DOCUMENT CONTAINS NEITHER RECOMMENDATIONS NOR
CONCLUSIONS OF THE UNITED STATES GOVERNMENT. IT IS THE PROPERTY OF THE
GOVERNMENT AND IS LOANED TO YOUR ORGANIZATION; IT AND ITS CONTENTS ARE
NOT TO BE DISTRIBUTED OUTSIDE YOUR ORGANIZATION.

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

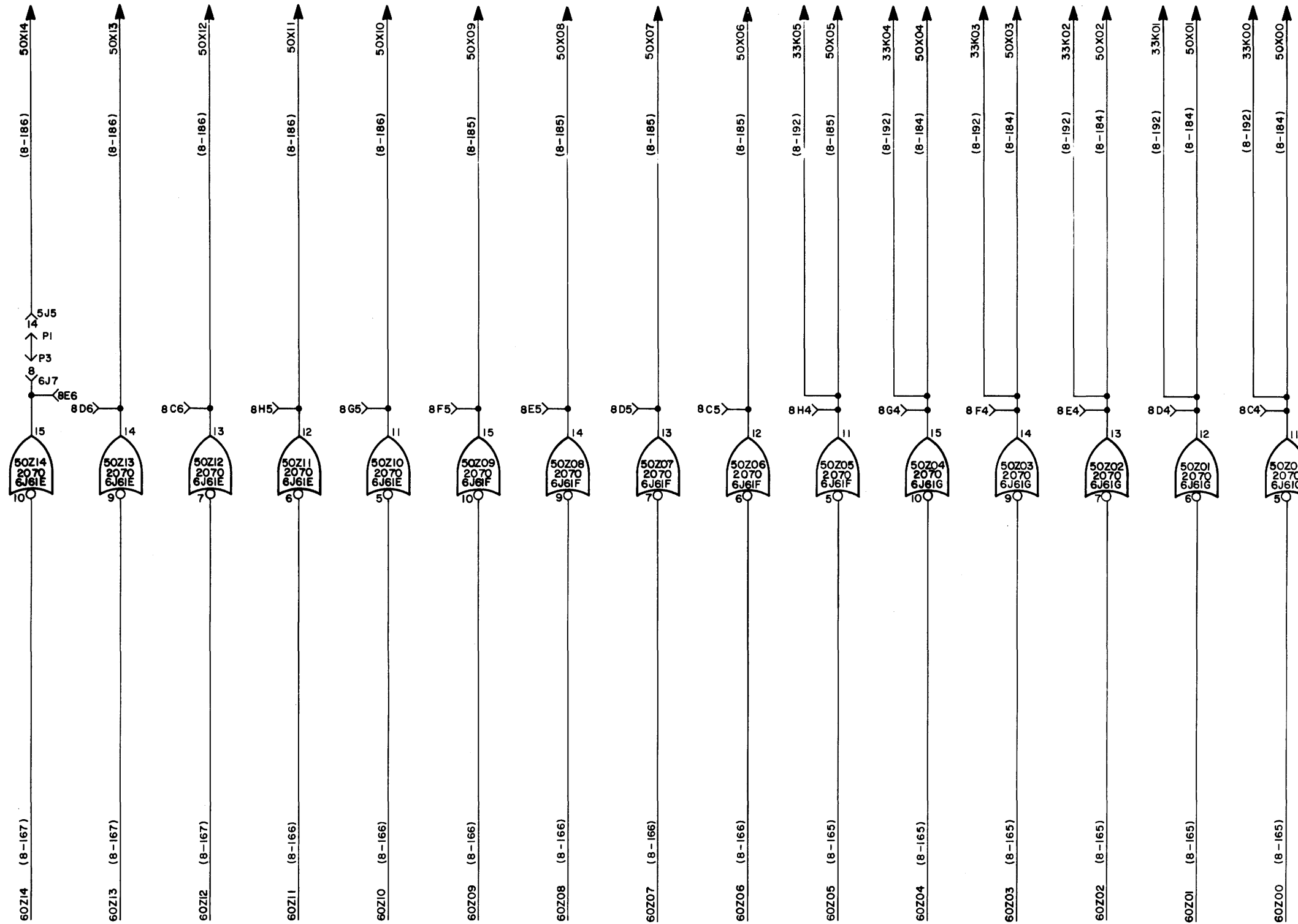


FIGURE 8-180

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

IDENT NO. 7032817-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION
DIMENSION IN INCHES. TOLERANCE OR 2 PLACE DECIMALS 3 PLACE DECIMALS		DRAFTSMAN B. MORAST	5-19-65	A	
HOLE DIAMETER TOLERANCE 0 THRU .250 +.003 .251 THRU .500 +.005 .501 & LARGER +.010		CHECKER B. POPOV	9-15-65	TITLE FUNCTIONAL SCHEMATIC, Z SELECT BITS 00-14	
THREADS: EXT. CL. 2A, INT. CL. 2B		ENGINEER G. KREGNESS	9-15-65	CODE IDENT NO. 90536	
MATERIAL	FINISH	APPROVAL DU Magy	9-15-65	SIZE D	DWG NO. 7032817
NEXT ASSY	EQUIPMENT	COMMODITY CODE		SCALE	WEIGHT
APPLICATION		SHEET 1 OF 1			

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

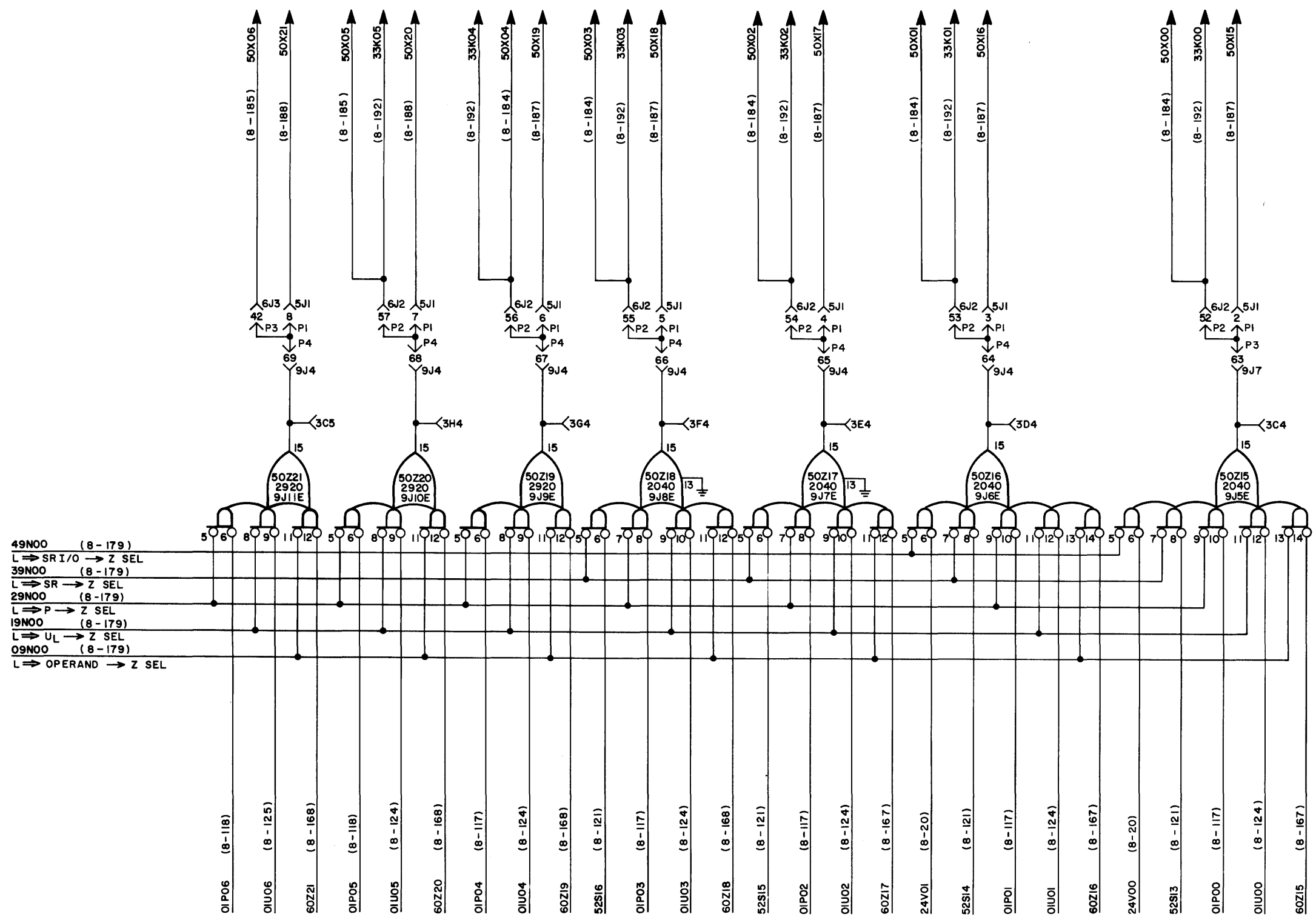


FIGURE 8-181

IDENT NO. 7032818-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005		DRAFTSMAN	5-20-65	A
HOLE DIAMETER TOLERANCE		CHECKER		
0 THRU .250 ± .003		B. POPOV		
.251 THRU .500 ± .005		ENGINEER		
.501 & LARGER ± .010		G. KREGNESS		
THREADS: EXT. CL. 2A, INT. CL. 2B		APPROVAL		
MATERIAL				
FINISH				
APPLICATION				
COMMODITY CODE				
NEXT ASSY				
EQUIPMENT				
TITLE		FUNCTIONAL SCHEMATIC, Z SELECT BITS 15-21		
CODE IDENT NO.		SIZE	DWG NO.	
90536		D	7032818	
SCALE		WEIGHT	SHEET OF 1	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		77404	SEE EIR		8-22-66	BSP

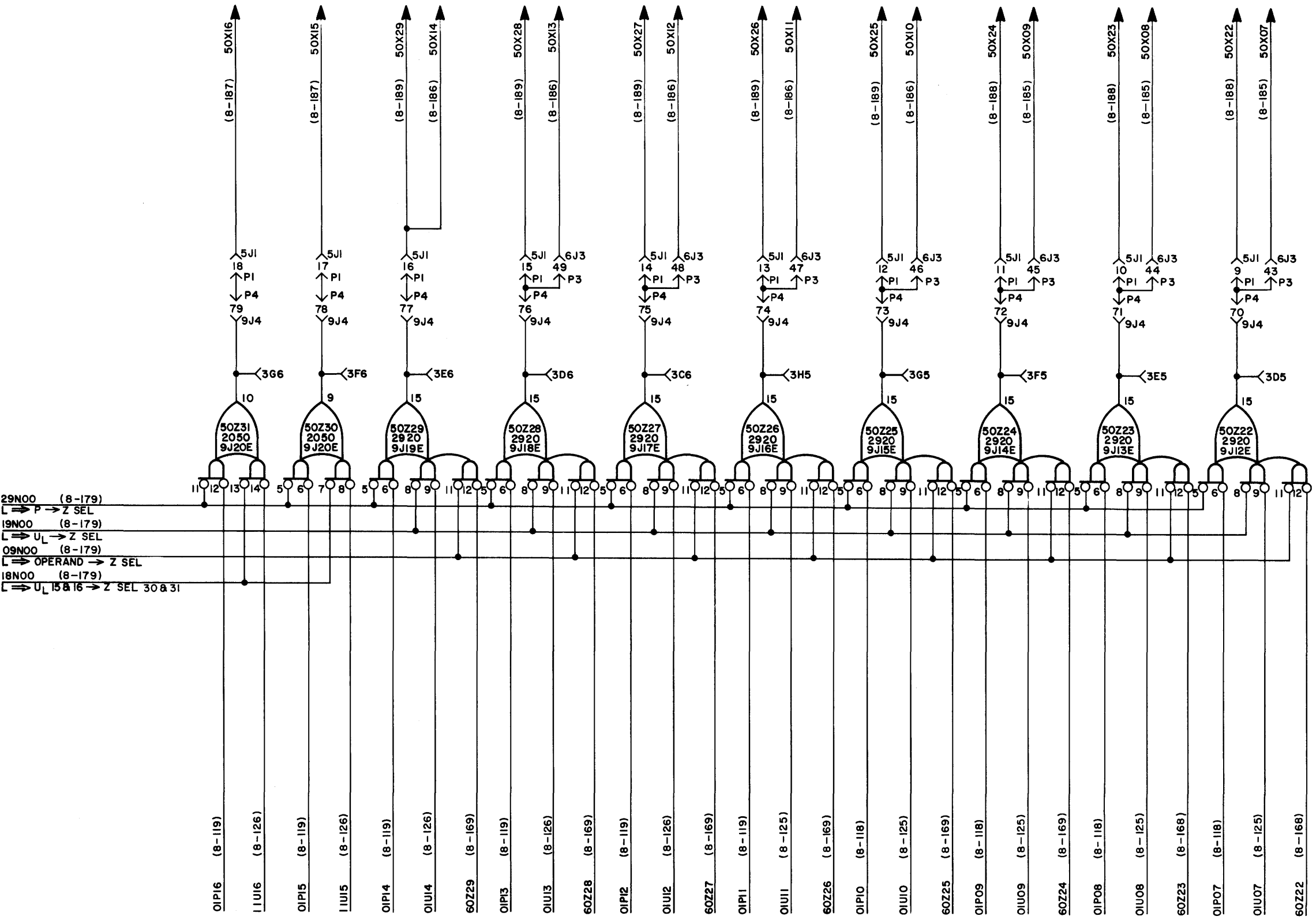


FIGURE 8-182

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

UNIVAC
DIVISION OF SPERRY RAND CORPORATION

TITLE
**FUNCTIONAL SCHEMATIC,
Z SELECT BITS 22-31**

CODE IDENT NO.	SIZE	DWG NO.
90536	D	7032819
SCALE	WEIGHT	SHEET OF

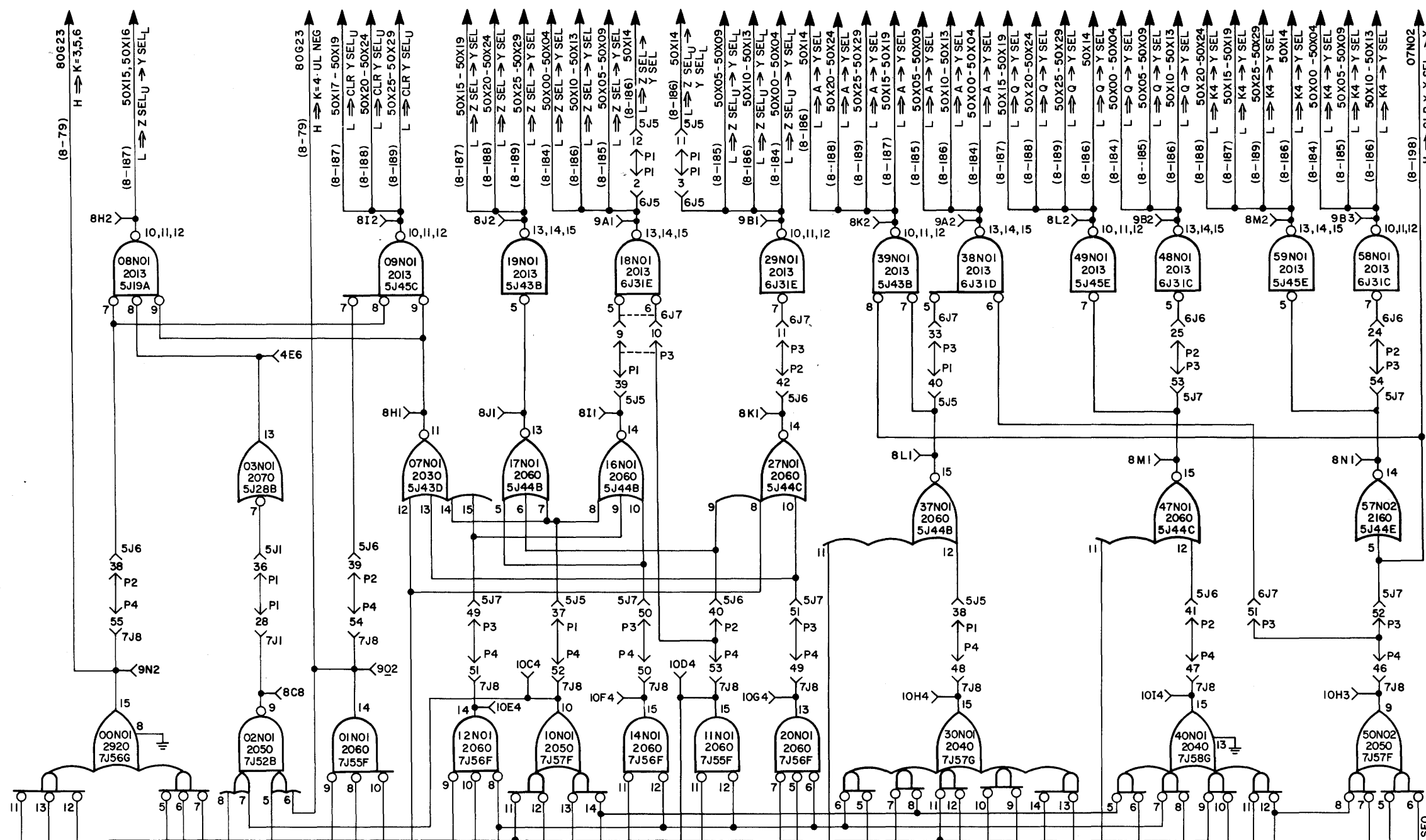
UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON	DATE
2 PLACE DECIMALS	CLASS
3 PLACE DECIMALS	A
ANGLES	DRAFTSMAN
	B. MORAST
HOLE DIAMETER TOLERANCE	520-65
0 THRU .250	CHECKER
+ .003	B. POPOV
-.002	G. KREGNESS
	ENGINEER
THREADS: EXT. CL. 2A, INT. CL. 2B	APPROVAL
	<i>[Signature]</i>
MATERIAL	
FINISH	
APPLICATION	
EQUIPMENT	
COMMODITY CODE	

IDENT NO. 7032819-00

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REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE



- 60Z14 (8-167)
L OP BANK LOWER NEG
- 81F05 (8-150)
L K=5
- 02T14 (8-90)
L T14
- 31T14 (8-99)
L DI: T14
- 60Z29 (8-169)
L OP BK UPPER NEG
- 83F03 (8-150)
L K=3,6
- 27J09 (8-72)
H 15-BIT MODE
- 26J09 (8-72)
H 17-BIT MODE
- 11U16 (8-126)
L UL NEG
- 81F04 (8-150)
L K=4
- 24N00 (8-179)
H (BI: f=64,65)(DI: f=7770-7773)
- 81F01 (8-150)
L K=1,5
- 21T34 (8-98)
L BI: T34
- 21H16 (8-135)
L f=16
- 13H71 (8-136)
L f=71
- 21T14 (8-97)
L BI: T14
- 81F03 (8-150)
L K=3
- 21F13 (8-146)
L f=13,17,8,2
- 14U18 (8-130)
L K=0,2,4,6
- 20L04 (8-253)
H MULT/DIV/SQ ROOT SEQ
- 81F07 (8-150)
L K=7
- 61H51 (8-137)
L f=51,53,55-57,7707
- 21H15 (8-135)
L f=15,47
- 13H23 (8-135)
L f=23 K#7
- 21T24 (8-97)
L BI: T24
- 71F24 (8-147)
L f=24,25,32-37,44-47,54-57
- 20L06 (8-253)
H MULT/DIV/SQ ROOT SEQ
- 71H04 (8-135)
L f=04,22,23,26-35,53,57
- 71F40 (8-147)
L f=40-47,53,57
- 21H14 (8-135)
L f=14,47
- 11H07 (8-139)
L f=7707
- 21T54 (8-98)
L BI: T54
- 17F23 (8-145)
L f=23K7
- 23L00 (8-253)
L MULT/DIV/SQ ROOT SEQ

FIGURE 8-183

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

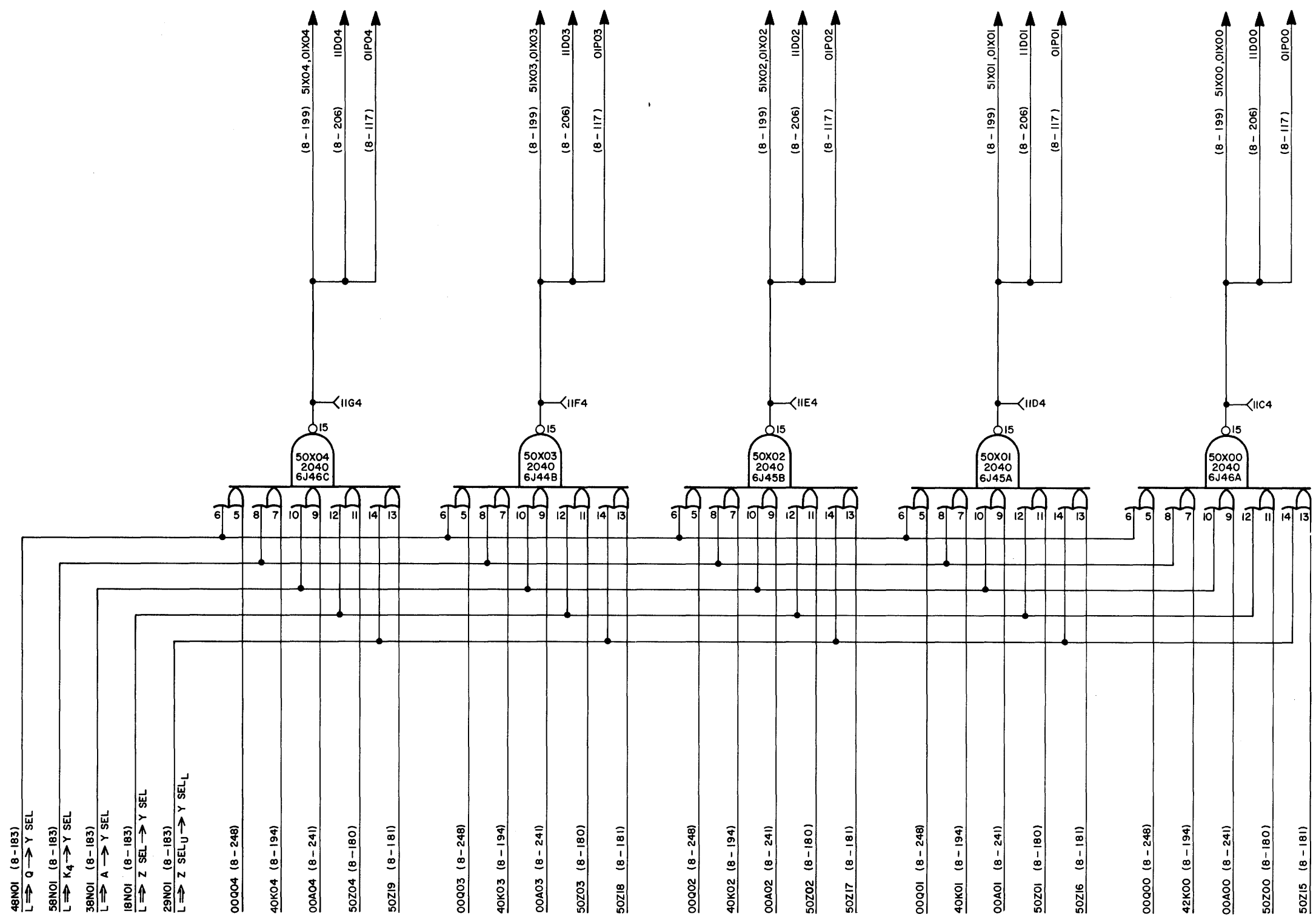
LIST OF MATERIAL	

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005 3 PLACE DECIMALS ± .001 ANGLES ± .005 HOLE DIAMETER TOLERANCE 0 THRU .250 ± .002 .251 THRU .500 ± .003 .501 & LARGER ± .010 THREADS: EXT CL 2A, INT CL 2B	LAYOUT	DATE	CLASS
	DRAFTSMAN R. PHERNETTON	12-6-66	A
MATERIAL	CHECKER B. POPOV	3-31-67	TITLE
FINISH	ENGINEER D. FREE	3-31-67	FUNCTIONAL SCHEMATIC, Y SELECT CONTROL
APPROVED <i>[Signature]</i>			CODE IDENT NO. 90536
			SIZE D
			DWG NO. 7075235
			SCALE
			WEIGHT
			SHEET 1 OF 1

IDENT NO. 7075235-00

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REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED



- 48N01 (8-183) L → Q → Y SEL
- 58N01 (8-183) L → K₄ → Y SEL
- 38N01 (8-183) L → A → Y SEL
- 18N01 (8-183) L → Z SEL → Y SEL
- 29N01 (8-183) L → Z SEL → Y SEL
- 00Q04 (8-248)
- 40K04 (8-194)
- 00A04 (8-241)
- 50Z04 (8-180)
- 50Z19 (8-181)
- 00Q03 (8-248)
- 40K03 (8-194)
- 00A03 (8-241)
- 50Z03 (8-180)
- 50Z18 (8-181)
- 00Q02 (8-248)
- 40K02 (8-194)
- 00A02 (8-241)
- 50Z02 (8-180)
- 50Z17 (8-181)
- 00Q01 (8-248)
- 40K01 (8-194)
- 00A01 (8-241)
- 50Z01 (8-180)
- 50Z16 (8-181)
- 00Q00 (8-248)
- 42K00 (8-194)
- 00A00 (8-241)
- 50Z00 (8-180)
- 50Z15 (8-181)

FIGURE 8-184

IDENT NO. 7032810-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE NATIONAL BUREAU OF STANDARDS, U.S. GOVERNMENT AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTANT AGREEMENT:
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NEXT ASSY	EQUIPMENT	M. MOSENG	5-17-65	A
APPLICATION	FINISH	CHECKER B. POPOV	9-15-65	TITLE FUNCTIONAL SCHEMATIC, Y SELECT BITS 00-04
COMMODITY CODE		ENGINEER G. KREGNESS	9-15-65	
		APPROVAL <i>G. Kregness</i>	9-15-65	CODE IDENT NO. 90536 SIZE D DWG NO. 7032810
				SCALE WEIGHT SHEET 1 OF 1

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED

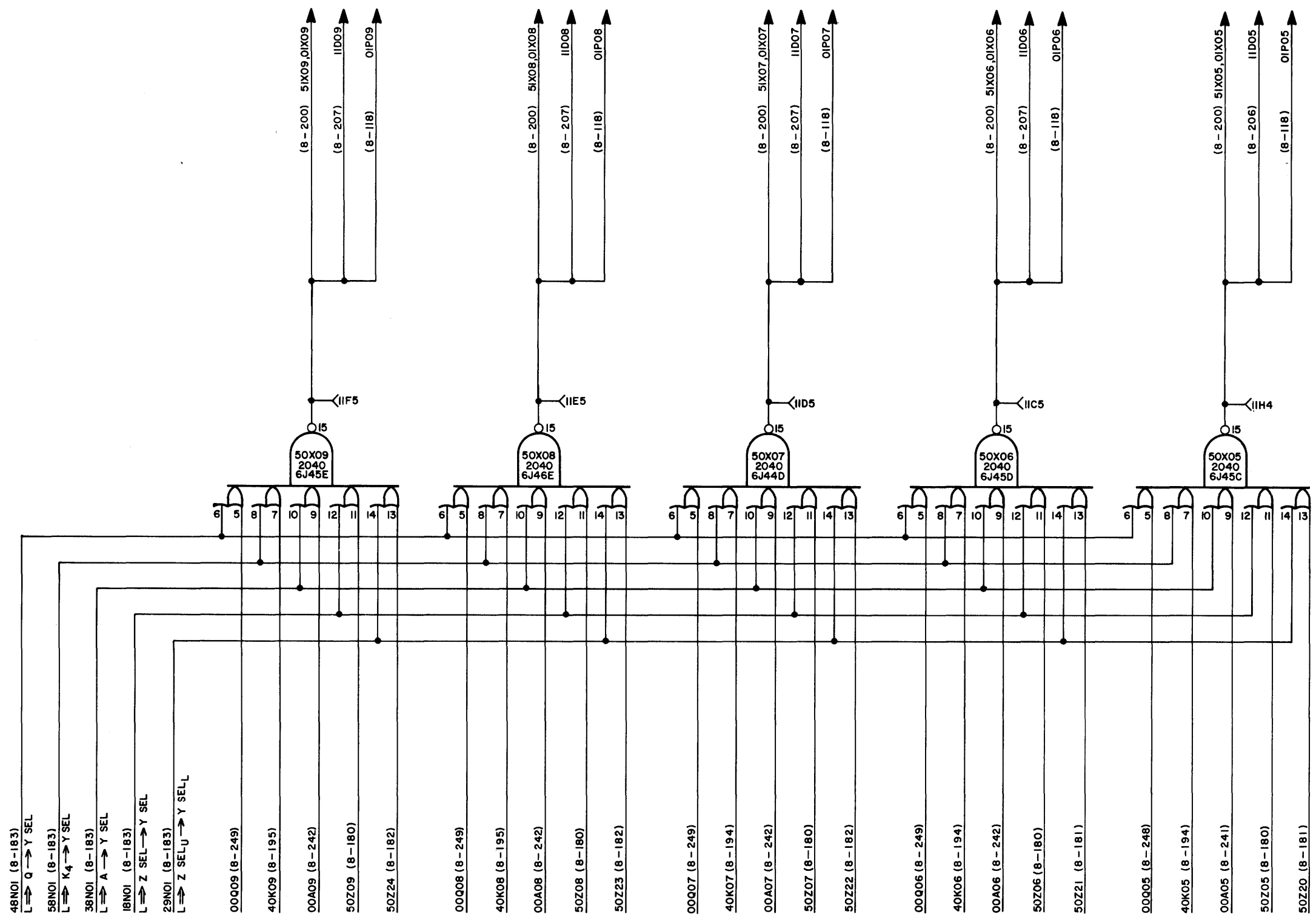


FIGURE 8-185

- 48NOI (8-183)
L → Q → Y SEL
- 58NOI (8-183)
L → K₄ → Y SEL
- 38NOI (8-183)
L → A → Y SEL
- 18NOI (8-183)
L → Z SEL → Y SEL
- 29NOI (8-183)
L → Z SEL U → Y SEL L
- 00Q09 (8-249)
- 40K09 (8-195)
- 00A09 (8-242)
- 50Z09 (8-180)
- 50Z24 (8-182)
- 00Q08 (8-249)
- 40K08 (8-195)
- 00A08 (8-242)
- 50Z08 (8-180)
- 50Z23 (8-182)
- 00Q07 (8-249)
- 40K07 (8-194)
- 00A07 (8-242)
- 50Z07 (8-180)
- 50Z22 (8-182)
- 00Q06 (8-249)
- 40K06 (8-194)
- 00A06 (8-242)
- 50Z06 (8-180)
- 50Z21 (8-181)
- 00Q05 (8-248)
- 40K05 (8-194)
- 00A05 (8-241)
- 50Z05 (8-180)
- 50Z20 (8-181)

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REGD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							

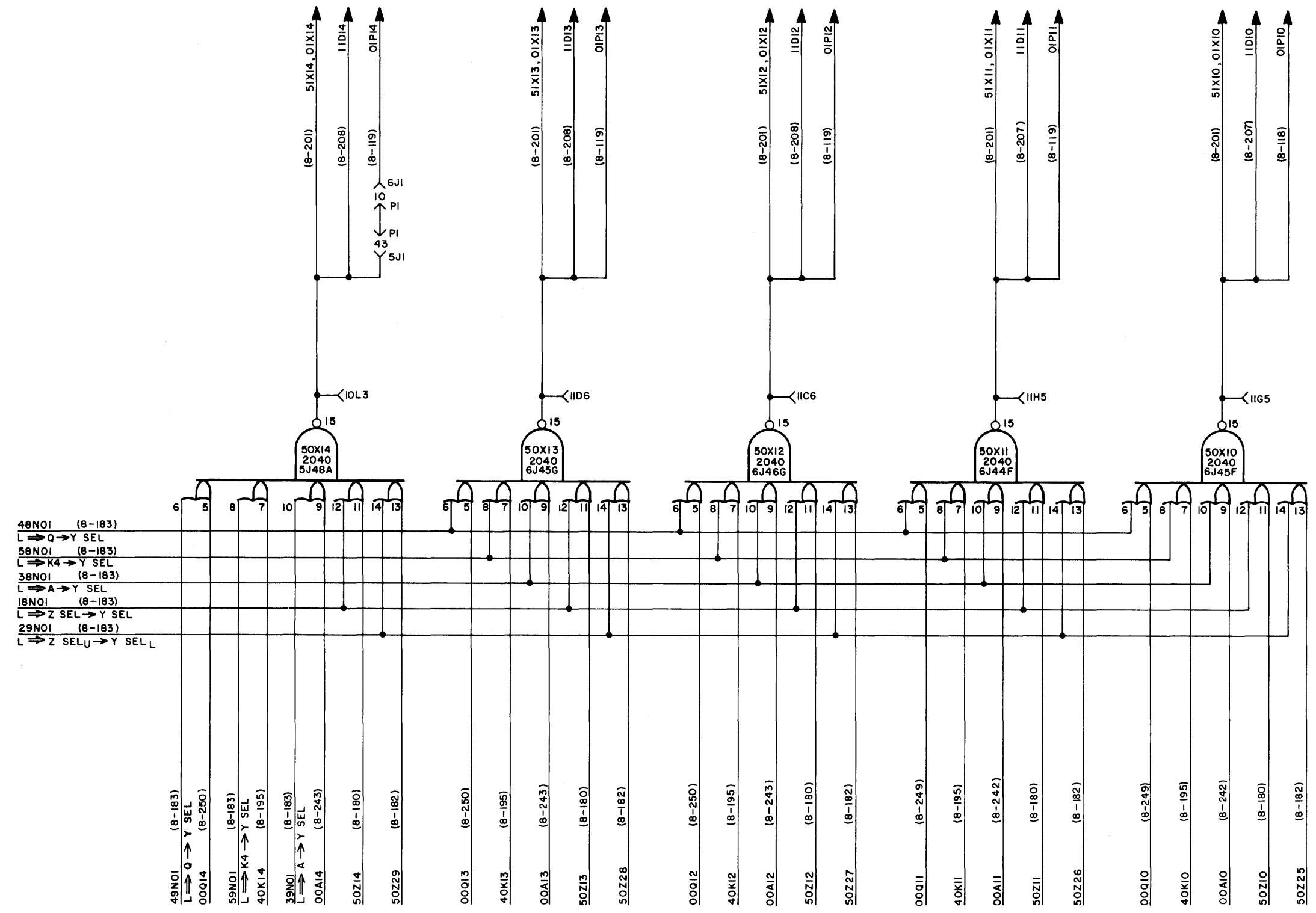
IDENT NO. 7032811-00

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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS ± .005 3 PLACE DECIMALS ± .001 ANGLES ± .010 HOLE DIAMETER TOLERANCE 0 THRU .250 ± .003 .251 THRU .500 ± .005 .501 & LARGER ± .010 THREADS: EXT. CL. 2A, INT. CL. 2B	LAYOUT	DATE	CLASS	LIST OF MATERIAL	
	DRAFTSMAN M. MOSENG	5-19-65	A	UNIVAC DIVISION OF SPERRY RAND CORPORATION	
	CHECKER B. POPOV			TITLE FUNCTIONAL SCHEMATIC, Y SELECT BITS 05-09	
	ENGINEER G. KREGNESS			CODE IDENT NO.	SIZE
APPROVAL <i>[Signature]</i>			90536	D	7032811
NEXT ASSY	EQUIPMENT			SCALE	WEIGHT
APPLICATION	FINISH				SHEET 1 OF 1

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APPROVED



48NOI (8-183)
L → Q → Y SEL
58NOI (8-183)
L → K4 → Y SEL
38NOI (8-183)
L → A → Y SEL
18NOI (8-183)
L → Z SEL → Y SEL
29NOI (8-183)
L → Z SEL → Y SEL

- 49NOI (8-183)
L → Q → Y SEL
- 00Q14 (8-250)
- 59NOI (8-183)
L → K4 → Y SEL
- 40K14 (8-195)
- 39NOI (8-183)
L → A → Y SEL
- 00A14 (8-243)
- 50Z14 (8-180)
- 50Z29 (8-182)
- 00Q13 (8-250)
- 40K13 (8-195)
- 00A13 (8-243)
- 50Z13 (8-180)
- 50Z28 (8-182)
- 00Q12 (8-250)
- 40K12 (8-195)
- 00A12 (8-243)
- 50Z12 (8-180)
- 50Z27 (8-182)
- 00Q11 (8-249)
- 40K11 (8-195)
- 00A11 (8-242)
- 50Z11 (8-180)
- 50Z26 (8-182)
- 00Q10 (8-249)
- 40K10 (8-195)
- 00A10 (8-242)
- 50Z10 (8-180)
- 50Z25 (8-182)

FIGURE 8-186

QTY	FIND	REP	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	

IDENT NO. 7032812-00

<p>UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN INCHES - FRACTIONS AND DECIMALS - DECIMALS</p> <p>FINISH: UNLESS OTHERWISE SPECIFIED ALL SURFACES TO BE TURNED TO FINISH DIMENSIONS TO BE TAKEN TO CENTER UNLESS OTHERWISE SPECIFIED</p> <p>APPROVAL</p>	<p>DATE: 5-18-65</p> <p>CLASS: A</p>	<p>TITLE: FUNCTIONAL SCHEMATIC, Y SELECT BITS 10-14</p>	
	<p>DRAFTSMAN: L. SLETTEN</p> <p>CHECKER: B. POPOV</p> <p>ENGINEER: G. KREGNESS</p>	<p>DATE: 9-15-64</p> <p>DATE: 9-15-64</p>	<p>LIST OF MATERIAL</p>
	<p>APPROVAL: <i>[Signature]</i></p>	<p>DATE: 9-15-64</p>	<p>CODE IDENT NO: 90536</p> <p>SIZE: D</p> <p>DWG NO: 7032812</p>
	<p>SCALE: _____</p> <p>WEIGHT: _____</p> <p>SHEET 1 OF 1</p>	<p>SCALE: _____</p> <p>WEIGHT: _____</p> <p>SHEET 1 OF 1</p>	<p>SCALE: _____</p> <p>WEIGHT: _____</p> <p>SHEET 1 OF 1</p>

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE

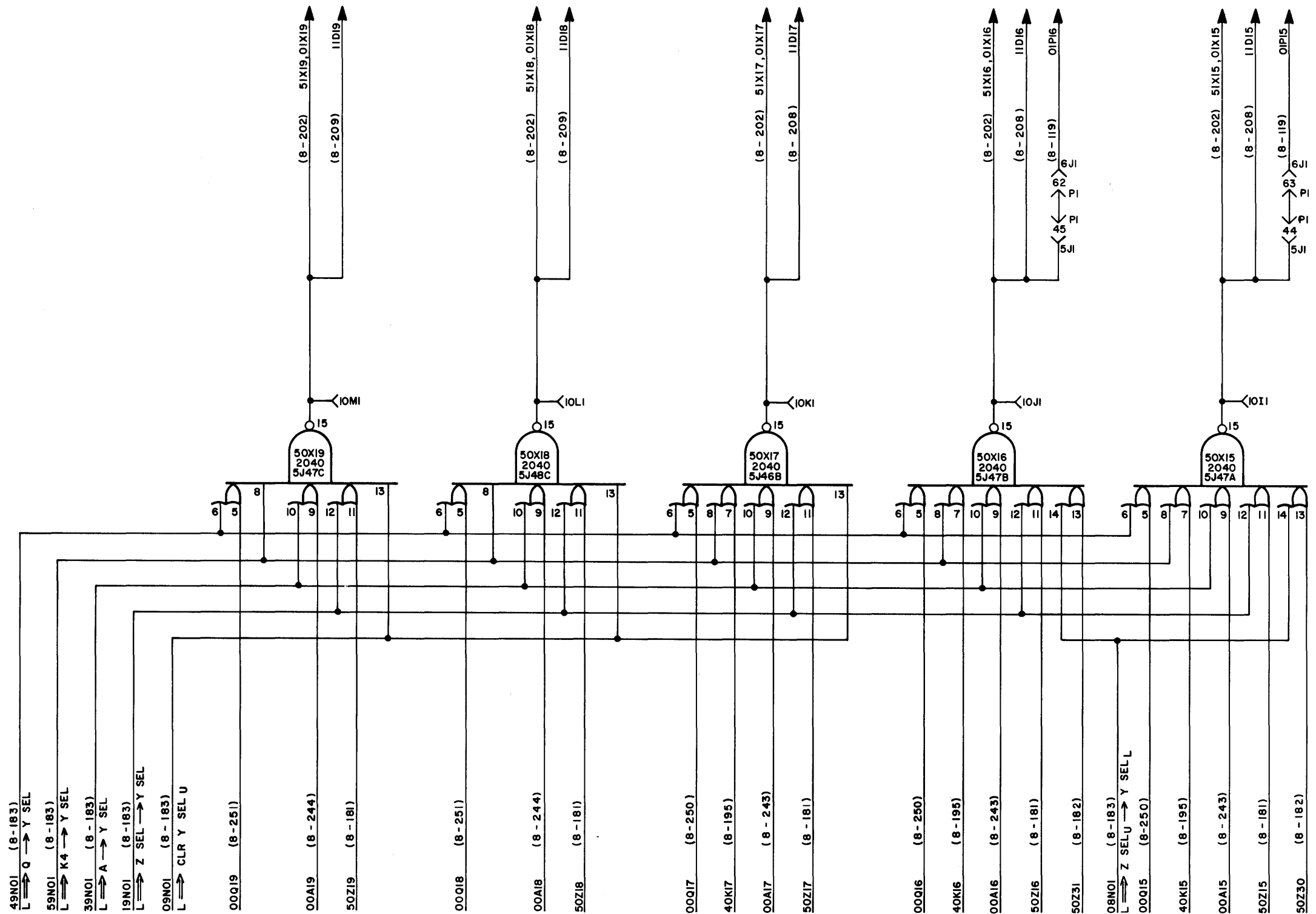


FIGURE 8 - 187

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						

IDENT NO. 7032813-00

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UNLESS OTHERWISE SPECIFIED: DIMENSION IN INCHES: TOLERANCE ON 3 PLACE DECIMALS: .001 ANGLES: .5° HOLE DIAMETER TOLERANCE: .003 .015 .010 .005 .002 .005 .005 THREADS: EXC. DIA. INT. CL. 2B	LAYOUT DRAFTSMAN L. SLETTEN	DATE 5-18-65	CLASS A	DIVISION OF SPERRY RAND CORPORATION UNIVAC
	MATERIAL FINISH	CHECKER B. POPOV	ENGINEER G. KREGNESS	TITLE FUNCTIONAL SCHEMATIC, Y SELECT BITS 15-19
APPLICATION COMMUNITY CODE	APPROVAL <i>[Signature]</i>	DATE 9-15-65	CODE IDENT NO. 90536	SIZE D
DWG NO. 7032813	SCALE	WEIGHT	SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APP/VED

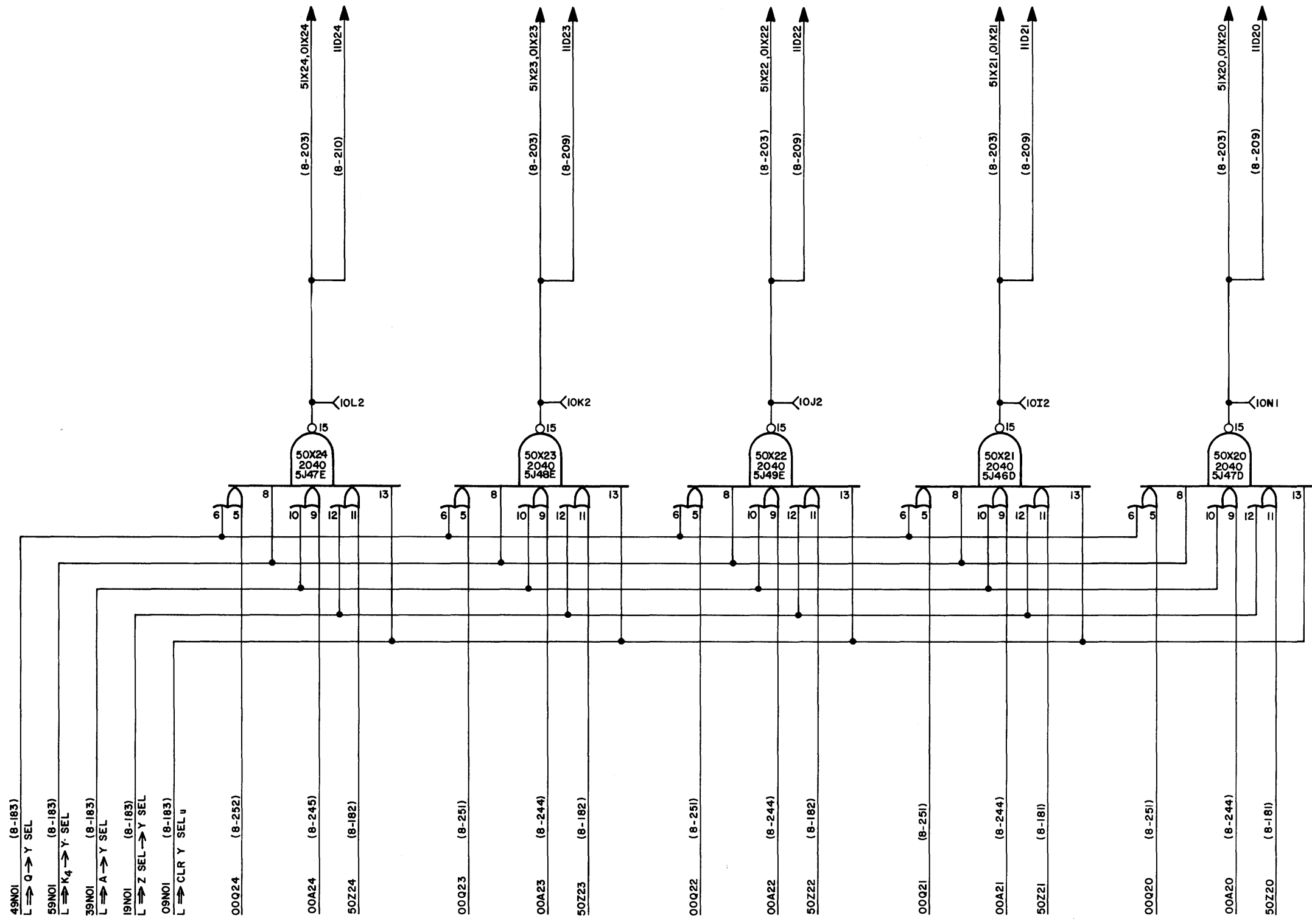


FIGURE 8-188

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							

IDENT NO. 7032814-00

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UNLESS OTHERWISE SPECIFIED: DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS: .005 ANGLES HOLE DIAMETER TOLERANCE: .003 THRU .250 .005 .010 .002 .251 THRU .500 .005 .010 THREADED EXCEPT AS NOTED FINISH	LAYOUT	DATE	CLASS
	DRAFTSMAN M. MOSENG	5-18-65	A
	CHECKER B. POPOV		
	ENGINEER G. KREGNESS		
APPROVAL <i>[Signature]</i>			

UNIVAC		DIVISION OF SPERRY RAND CORPORATION	
TITLE		FUNCTIONAL SCHEMATIC, Y SELECT BITS 20-24	
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7032814	
SCALE	WEIGHT	SHEET OF	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED

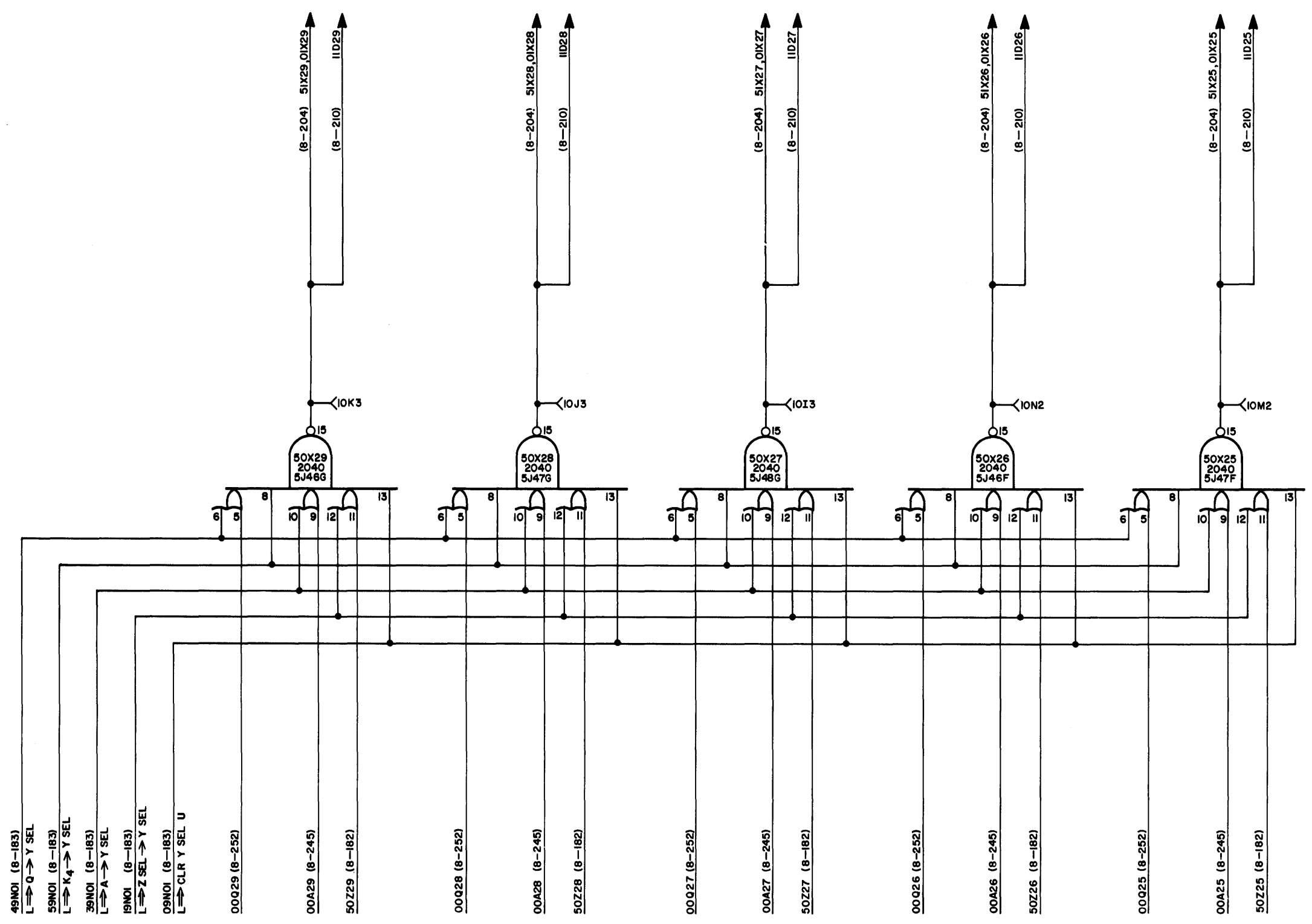


FIGURE 8-189

49NOI (8-183)
 L → Q → Y SEL
 59NOI (8-183)
 L → K₄ → Y SEL
 39NOI (8-183)
 L → A → Y SEL
 19NOI (8-183)
 L → Z SEL → Y SEL
 09NOI (8-183)
 L → CLR Y SEL U
 00Q29 (8-252)
 00A29 (8-245)
 50Z29 (8-182)
 00Q28 (8-252)
 00A28 (8-245)
 50Z28 (8-182)
 00Q27 (8-252)
 00A27 (8-245)
 50Z27 (8-182)
 00Q26 (8-252)
 00A26 (8-245)
 50Z26 (8-182)
 00Q25 (8-252)
 00A25 (8-245)
 50Z25 (8-182)

IDENT NO. 7032815-00

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UNLESS OTHERWISE SPECIFIED: DIMENSIONS IN INCHES TOLERANCE UNLESS OTHERWISE SPECIFIED FRACTIONS DECIMALS DIMENSIONS IN MILLIMETERS TOLERANCE UNLESS OTHERWISE SPECIFIED FRACTIONS DECIMALS DIMENSIONS IN MILLIMETERS TOLERANCE UNLESS OTHERWISE SPECIFIED FRACTIONS DECIMALS DIMENSIONS IN MILLIMETERS TOLERANCE UNLESS OTHERWISE SPECIFIED FRACTIONS DECIMALS DIMENSIONS IN MILLIMETERS TOLERANCE UNLESS OTHERWISE SPECIFIED	DATE	5-18-66
	DRAFTSMAN	M. MOSENG
	CHECKER	B. POPOV
	ENGINEER	G. KREGNESS
APPROVAL	<i>G. Kregness</i>	9-15-66

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL	
CLASS	A
UNIVAC DIVISION OF SPERRY RAND CORPORATION	
TITLE FUNCTIONAL SCHEMATIC, Y SELECT BITS 25-29	
CODE IDENT NO.	90536
SIZE	D
DWG NO.	7032815
SCALE	
WEIGHT	
SHEET	OF 1

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

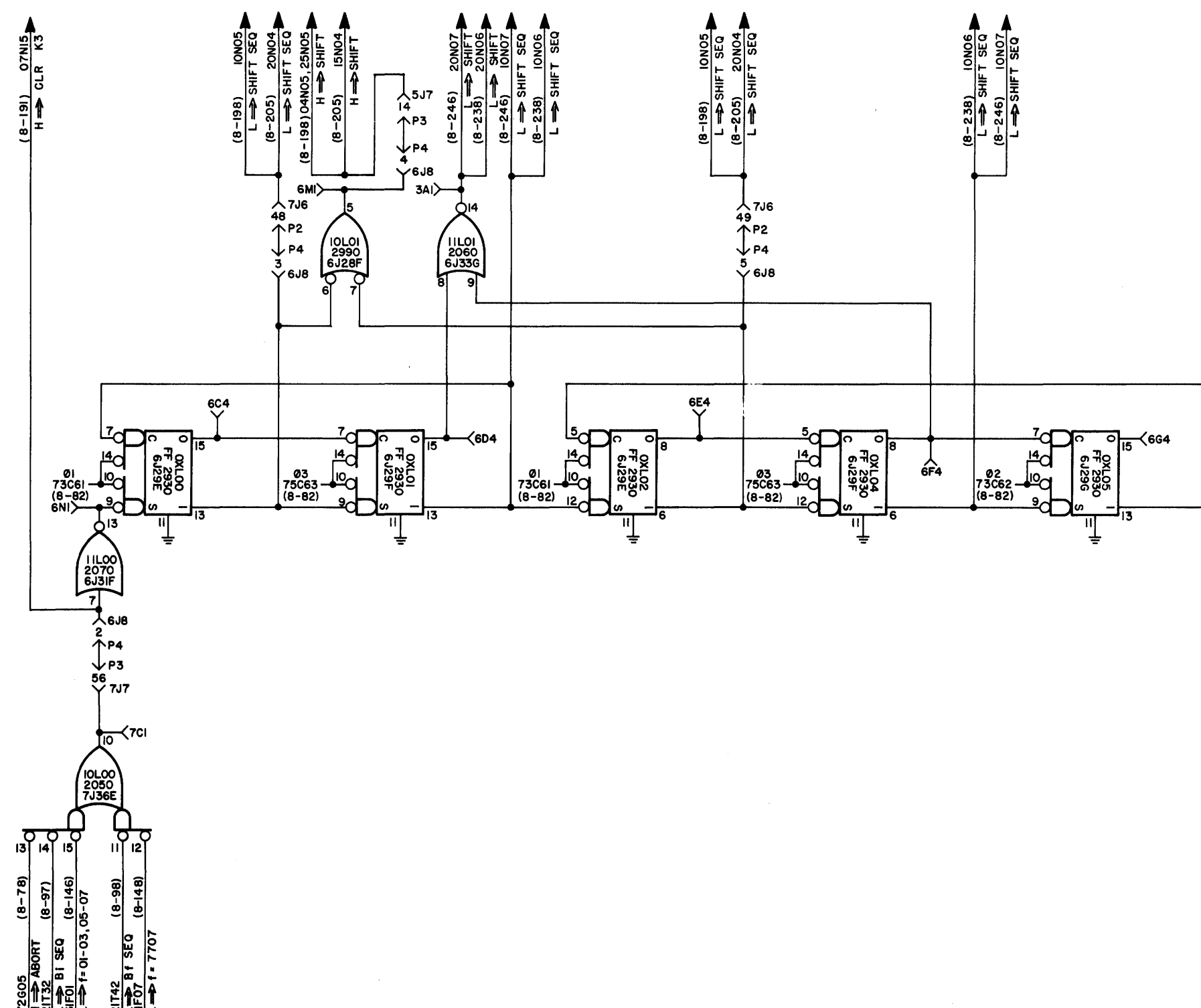


FIGURE 8-190

IDENT NO. 7032846-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
			UNLESS OTHERWISE SPECIFIED		LAYOUT	
			DIMENSION IN INCHES. TOLERANCE ON		DATE	
			2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		CLASS	
			± ± ±		A	
			HOLD DIAMETER TOLERANCE		DRAFTSMAN	
			0 THRU .250 ±.003 .251 THRU .500 ±.005 .501 & LARGER ±.010		M. MOSENG	
			THREADS: EXT. CL. 2A, INT. CL. 2B		5-20-65	
			MATERIAL		CHECKER	
			FINISH		B. POPOV	
			NEXT ASST		ENGINEER	
			EQUIPMENT		G. KREGNESS	
			APPLICATION		APPROVAL	
			COMMODITY CODE		[Signature]	
					CODE IDENT NO.	SIZE
					90536	D
					DWG NO.	7032846
					SCALE	WEIGHT
						SHEET OF

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		71694	SEE EIR		8-20-65	[Signature]
B		77402	SEE EIR		9-1-66	[Signature]

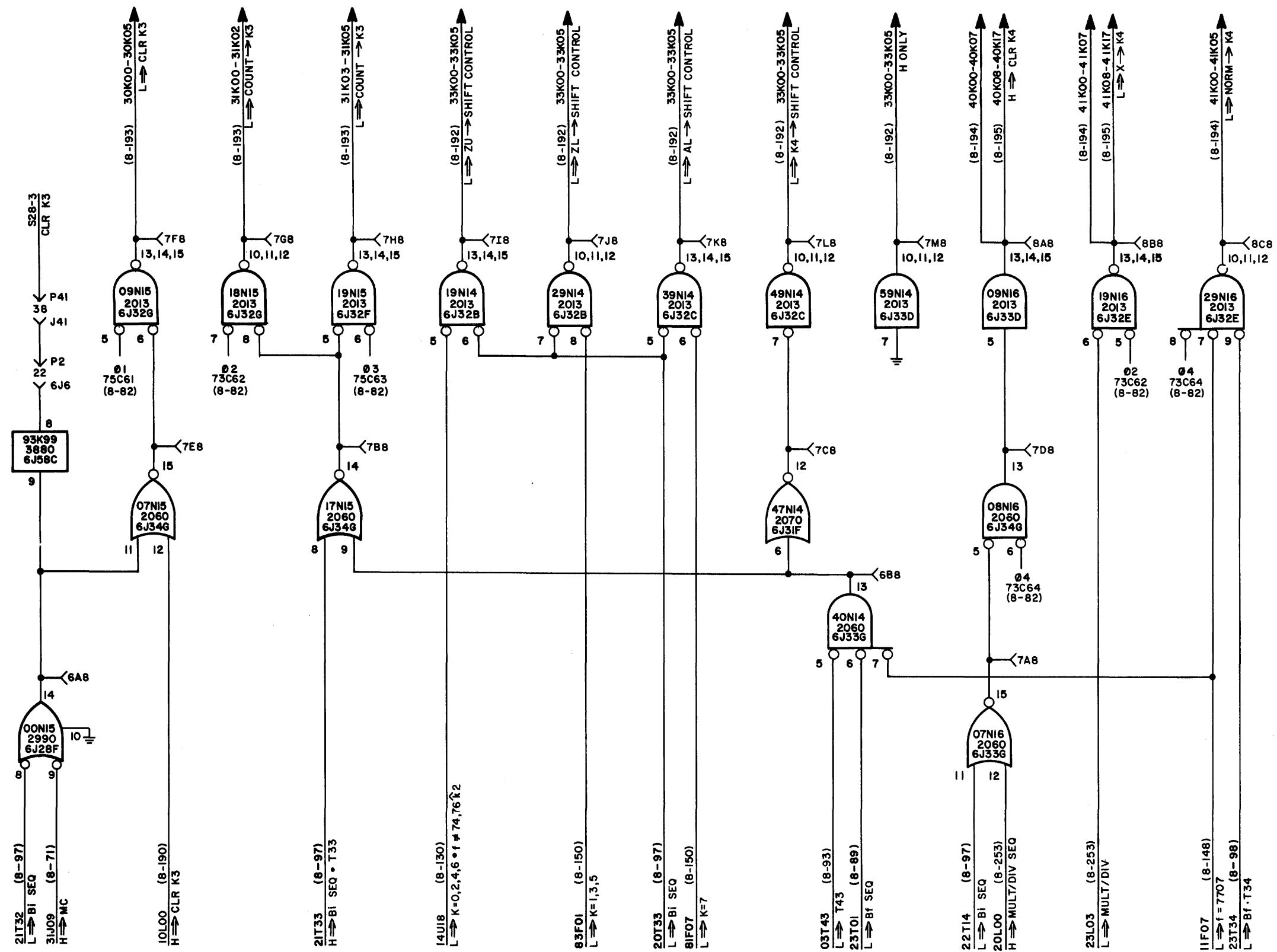


FIGURE 8-191

IDENT NO. 7032717-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

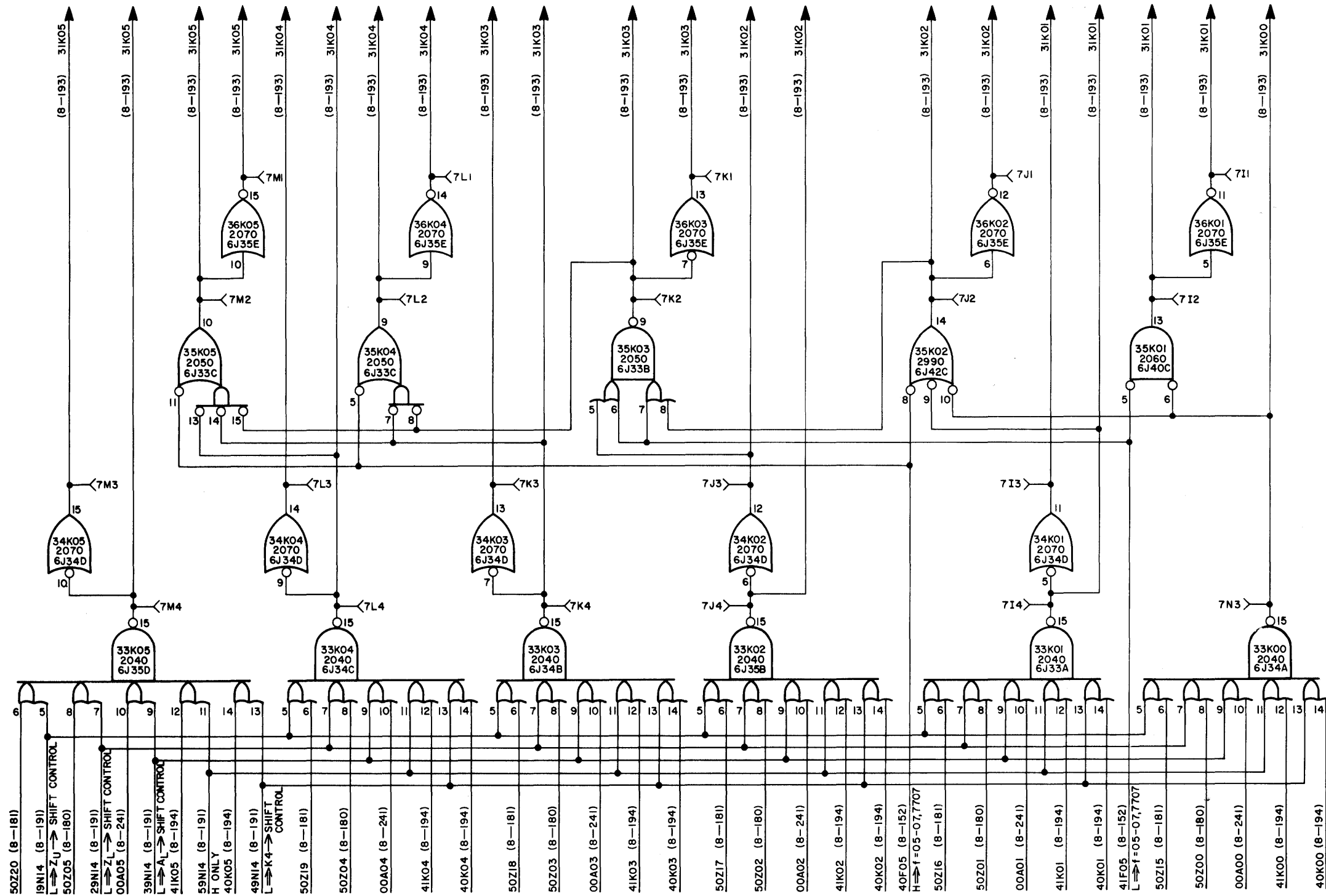
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QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						

UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS
DIMENSION IN INCHES TOLERANCE ON		DRAFTSMAN	5-1-65	A
2 PLACE DECIMALS	3 PLACE DECIMALS	J. KETTER		
± .005	± .002	CHECKER		
± .003	± .001	B. POPOV		
± .002	± .0005	ENGINEER		
		G. KREGNESS		
HOLE DIAMETER TOLERANCE		APPROVER		
0 THRU .250	.251 THRU .500	[Signature]		
± .003	± .005			
± .002	± .003			
THREADS: EXT. CL. 2A, INT. CL. 2B				
MATERIAL				
FINISH				
COMMODITY CODE				

UNIVAC		DIVISION OF SPERRY RAND CORPORATION	
TITLE		FUNCTIONAL SCHEMATIC, K3 & K4 CONTROL	
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7032717	
SCALE	WEIGHT	SHEET OF	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APPROVED



50Z20 (8-181)
 19N14 (8-191)
 L → Z_U → SHIFT CONTROL
 50Z05 (8-180)
 29N14 (8-191)
 L → Z_L → SHIFT CONTROL
 00A05 (8-241)
 39N14 (8-191)
 L → A_L → SHIFT CONTROL
 41K05 (8-194)
 59N14 (8-191)
 H ONLY
 40K05 (8-194)
 49N14 (8-191)
 L → K₄ → SHIFT CONTROL
 50Z19 (8-181)
 50Z04 (8-180)
 00A04 (8-241)
 41K04 (8-194)
 40K04 (8-194)
 50Z18 (8-181)
 50Z03 (8-180)
 00A03 (8-241)
 41K03 (8-194)
 40K03 (8-194)
 50Z17 (8-181)
 50Z02 (8-180)
 00A02 (8-241)
 41K02 (8-194)
 40K02 (8-194)
 40F05 (8-152)
 H → F-05-07,7707
 50Z16 (8-181)
 50Z01 (8-180)
 00A01 (8-241)
 41K01 (8-194)
 40K01 (8-194)
 41F05 (8-152)
 L → F-05-07,7707
 50Z15 (8-181)
 50Z00 (8-180)
 00A00 (8-241)
 41K00 (8-194)
 40K00 (8-194)

FIGURE 8-192

IDENT NO. 7032840-00

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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS ± .015 3 PLACE DECIMALS ± .005 ANGLES ± .010 HOLE DIAMETER TOLERANCE 0 THRU .250 ± .005 .251 THRU .500 ± .010 .501 & LARGER ± .015 THREADS: EXT. CL 2A, INT. CL 2B MATERIAL FINISH	LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION	
	DRAFTSMAN M. CLARK	5-24-66	A	TITLE	
	CHECKER B. POPOV	BP 9-15-66		FUNCTIONAL SCHEMATIC, SHIFT CONTROL MATRIX	
	ENGINEER G. KREGNESS	GK 9-15-66			
NEXT ASSY	EQUIPMENT	APPLICATION	COMMODITY CODE	CODE IDENT NO.	SIZE
				90536	D
				DWG NO. 7032840	
				SCALE	WEIGHT
				SHEET 1 OF 1	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A	E13313		13917K2 INSTRUCTION CORRECTION.		

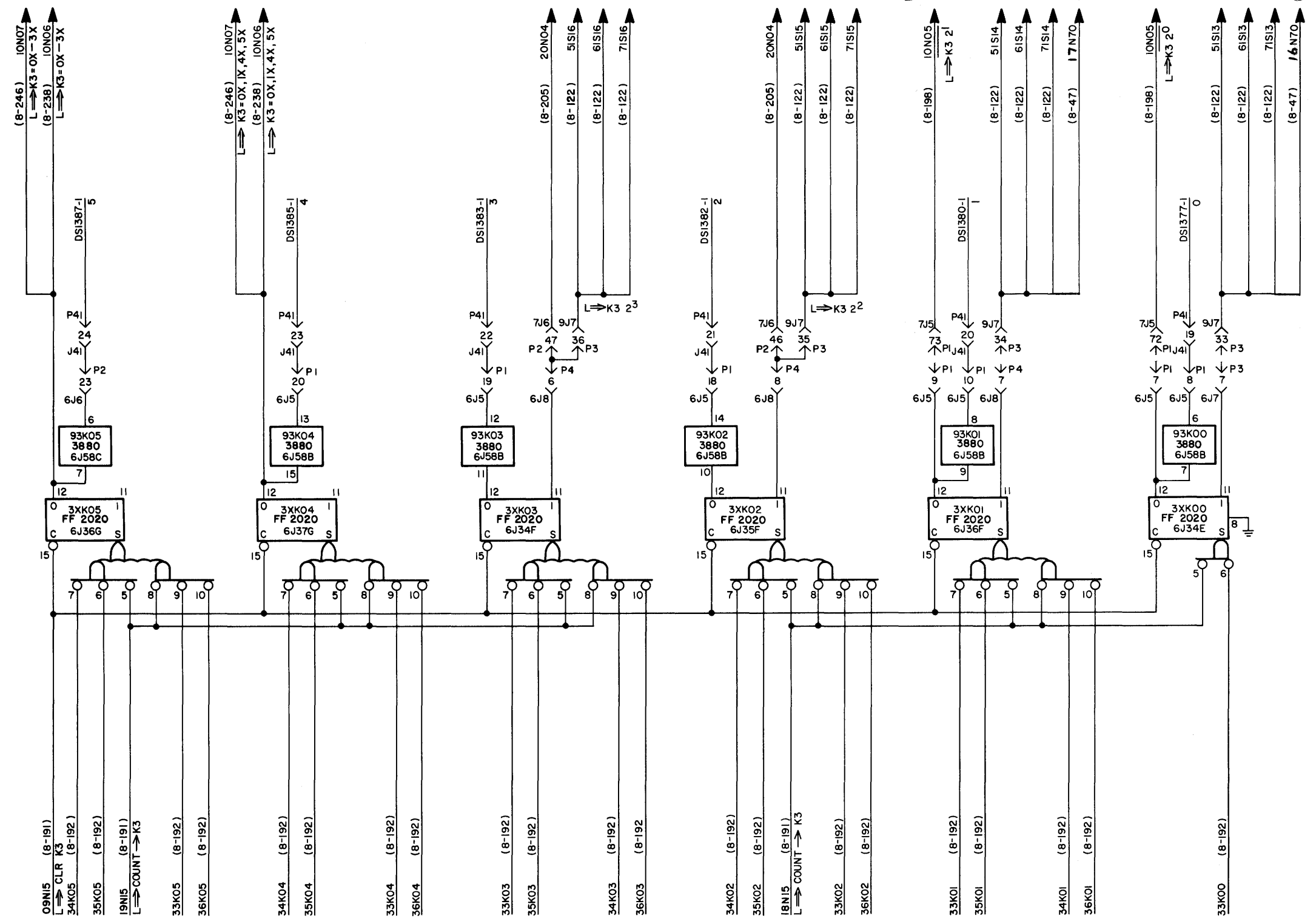


FIGURE 8-193

QTY	REQD	FINO	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
IDENT	SIZE	IDENTIFYING NO.						
LIST OF MATERIAL								
				DATE	CLASS	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small>		
				5-18-65	A	FUNCTIONAL SCHEMATIC, SHIFT CONTROL REGISTER		
				9-15-65		CODE IDENT NO.	SIZE	DWG NO.
						90536	D	7032841
				9-15-65		SCALE	WEIGHT	SHEET OF

IDENT NO. 7032841-00

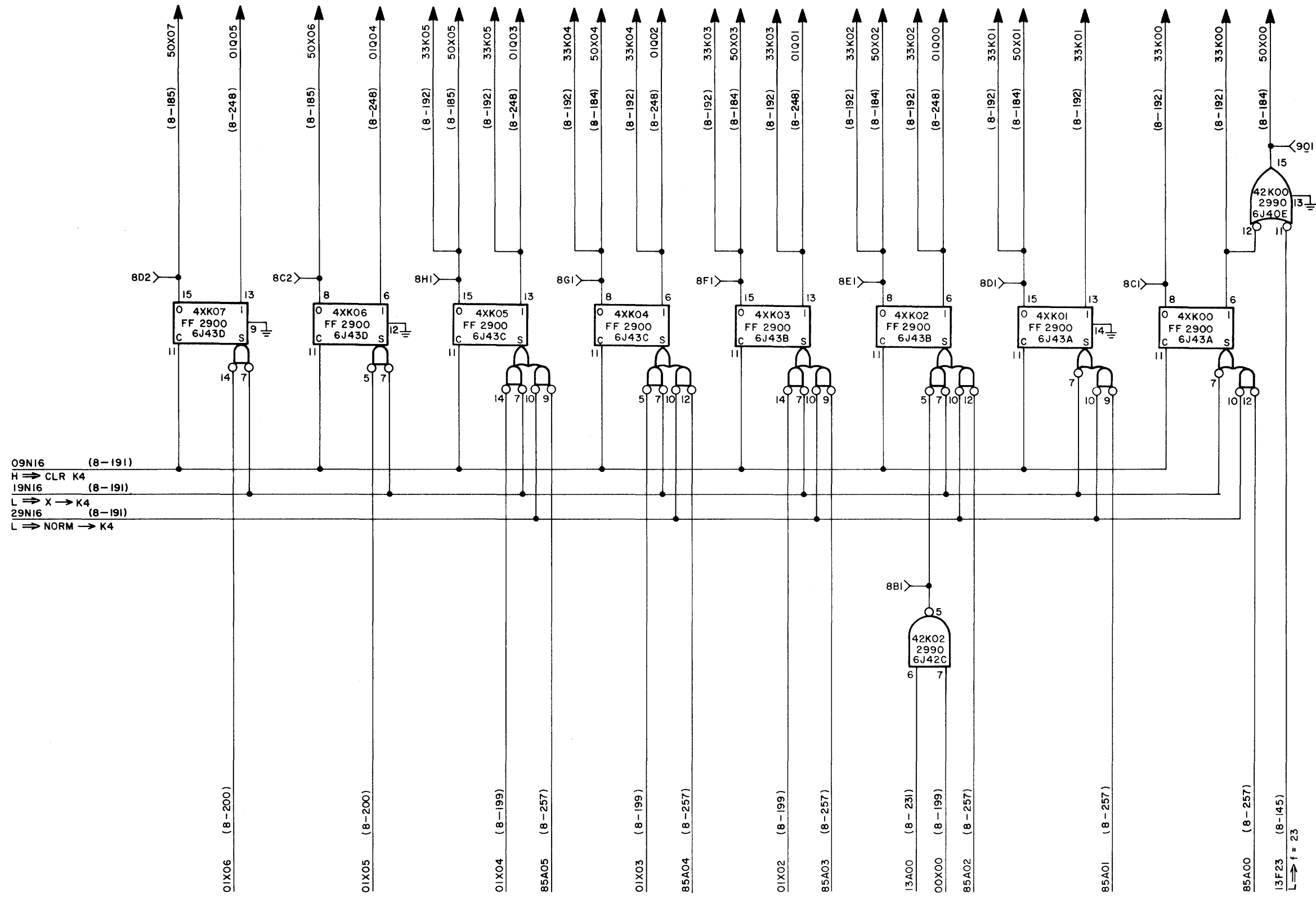
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UNLESS OTHERWISE SPECIFIED	DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		DIMENSION IN INCHES. TOLERANCE ON 3 PLACE DECIMALS		ANGLES
	±	±	±	±	±
MATERIAL	HOLE DIAMETER TOLERANCE				
	0 THRU .250	.251 THRU .500	.501 & LARGER		
	+ .003	+ .005	+ .010		
FINISH	THREADS: EXT. CL. 2A, INT. CL. 2B				

LAYOUT	DATE	CLASS
DRAFTSMAN R. M. BECKMAN	5-18-65	A
CHECKER B. POPOV	9-15-65	
ENGINEER G. KREGNESS	9-15-65	
APPROVAL <i>G. Kregness</i>	9-15-65	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		77402	SEE EIR		4-4-66	BSP



09N16 (8-191)
H ⇒ CLR K4
19N16 (8-191)
L ⇒ X → K4
29N16 (8-191)
L ⇒ NORM → K4

FIGURE 8-194

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
			CLASS	DATE	TITLE	
			A	5-19-65	FUNCTIONAL SCHEMATIC, K4 REGISTER BITS 00-07	
			DRAFTSMAN	CHECKER	ENGINEER	APPROVAL
			G.S. WHEBBE	B. POPOV	G. KREGNESS	
			CODIC IDENT NO.	SIZE	DWG NO.	
			90536	D	7032723	
			SCALE	WEIGHT	SHEET OF	

IDENT NO. 7032723-00

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UNLESS OTHERWISE SPECIFIED		
DIMENSION IN INCHES	TOLERANCE ON 2 PLACE DECIMALS	TOLERANCE ON 3 PLACE DECIMALS
	±	±
HOLE DIAMETER TOLERANCE		
0 THRU .250	.003	+.005
.251 THRU .500	.003	+.010
.501 & LARGER	.003	+.015
THREADS: EXT. CL. 2A, INT. CL. 2B		
MATERIAL	FINISH	
APPLICATION	COMMODITY CODE	

REVISIONS						
SYM	ZONE	EJR	DESCRIPTION	CHK	DATE	APPROVED

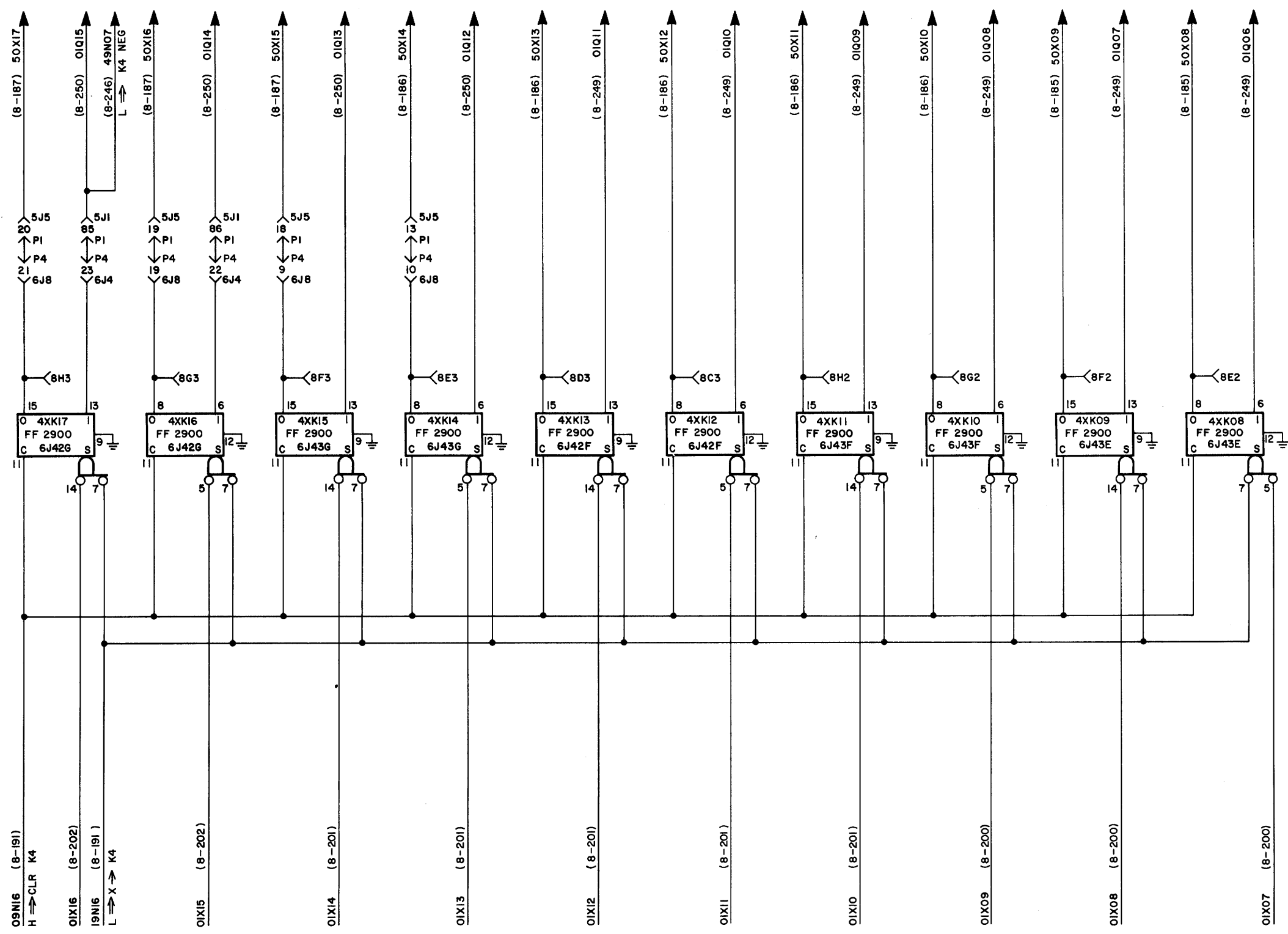


FIGURE 8-195

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
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LIST OF MATERIAL
UNIVAC
DIVISION OF SPERRY RAND CORPORATION

IDENT NO. 7032724-00

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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005 3 PLACE DECIMALS ± .002 ANGLES ± .010 HOLD DIAMETER TOLERANCE 0 THRU .250 ± .005 .251 THRU .500 ± .005 .501 & LARGER ± .010 THREADS: EXT. CL. 2A, INT. CL. 2B	LAYOUT	DATE	CLASS
	DRAFTSMAN G. S. WHEBBE	5-19-65	A
	CHECKER B. POPOV		
	ENGINEER G. KREGNESS		
NEXT ASSY	EQUIPMENT	APPROVAL <i>G. Kregness</i> 9-15-65	
APPLICATION	FINISH	CODE IDENT NO.	SIZE
COMMODITY CODE		90536	D
		DWG NO.	7032724
		SCALE	WEIGHT
		SHEET	OF 1

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71694	SEE EIR		10-28-65	

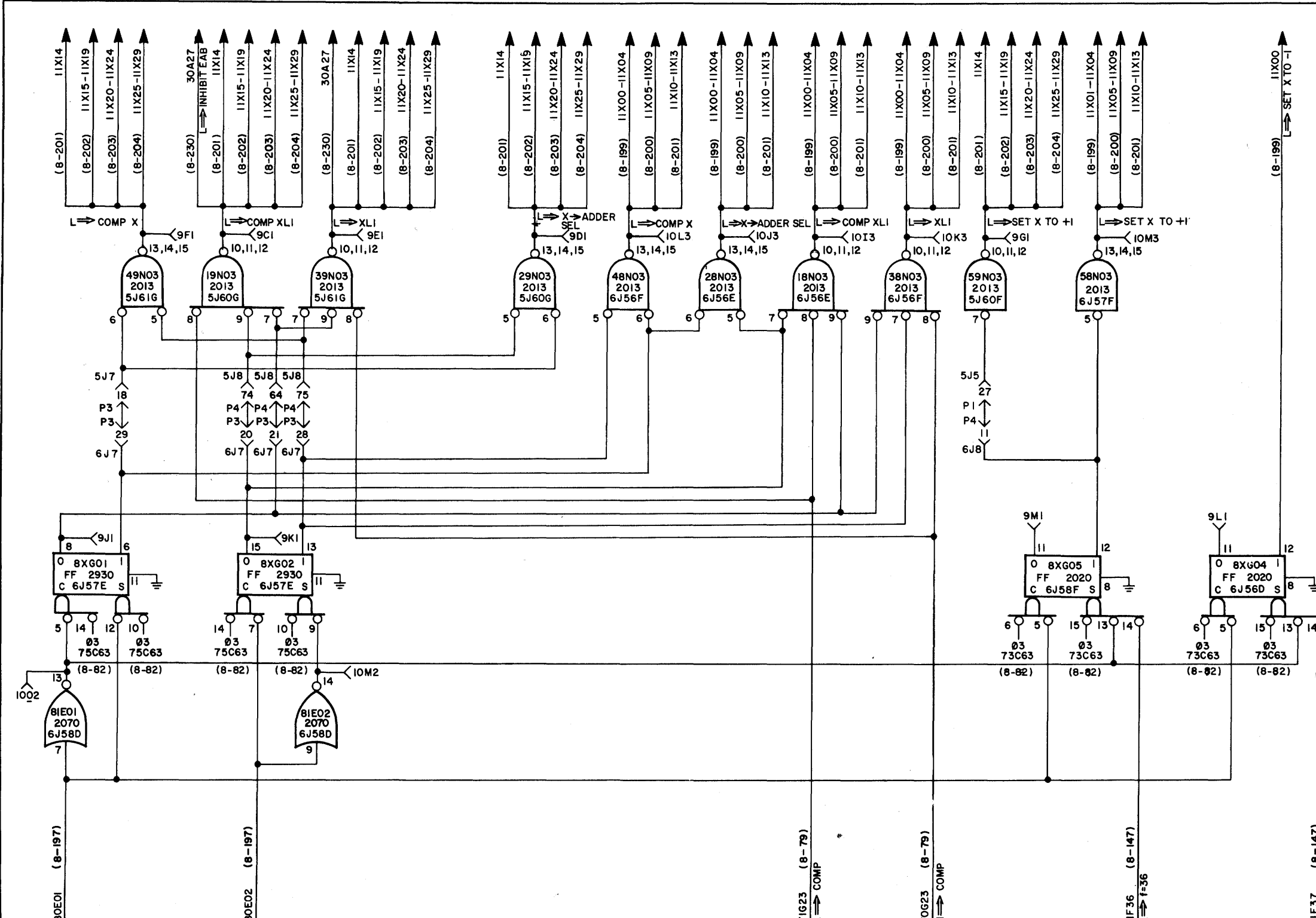


FIGURE 8-196

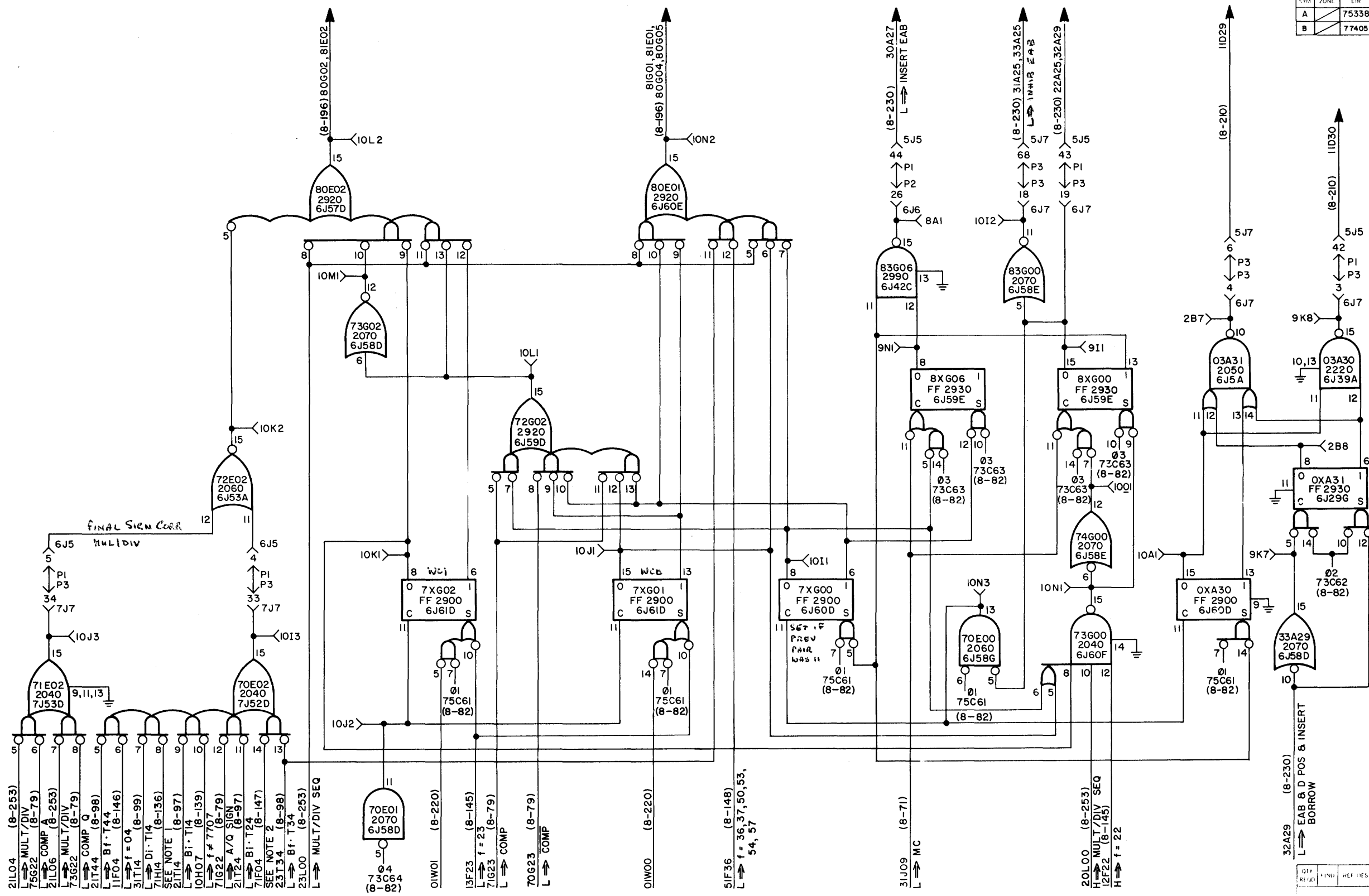
QTY	REQD	FIND	REF DES	CODE IDENT	OWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
							LIST OF MATERIAL
UNIVAC							CLASS A
R. R. PFUTZENREUTER							DATE 8-19-65
CHECKER B. POPOV							TITLE FUNCTIONAL SCHEMATIC, ADDER SELECTOR CONTROL I
ENGINEER G. KREGNESS							CODE IDENT NO. 90536
APPROVAL							SIZE D
							DWG NO. 7032855
SCALE							WEIGHT
SHEET 1 OF 1							

IDENT NO. 7032855-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS
DIMENSION IN INCHES, TOLERANCE OR 2 PLACE DECIMALS		3 PLACE DECIMALS		A
HOLD DIAMETER TOLERANCE				
0 THRU .250		+.005		
.251 THRU .500		+.010		
.501 & LARGER		+.015		
MATERIAL		THREADS: EXT CL 2A, INT CL 2B		
FINISH				

REVISIONS					
REV	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A		75338	SEE EIR	11-9-65	[Signature]
B		77405	SEE EIR	4-25-66	[Signature]



NOTE:
 1. L → f=(14-16,47)(K=5-7),14K0,15K4
 2. L → f=04,21,25,27,31,33,35,42,43,46,51,52,55,56

FIGURE 8-197

- 21LO4 (8-253) L → MULT/DIV (8-79)
- 75G22 (8-79) L → COMP A (8-253)
- 21LO6 (8-79) L → MULT/DIV (8-79)
- 73G22 (8-98) L → COMP Q (8-146)
- 21T44 (8-98) L → Bf·T44 (8-99)
- 11FO4 (8-146) L → f=04 (8-136)
- 31T14 (8-99) L → DI·T14 (8-97)
- 71H14 (8-136) L → SEE NOTE 1 (8-139)
- 21T14 (8-97) L → Bi·T14 (8-79)
- 10H07 (8-139) L → f=707 (8-97)
- 71G22 (8-79) L → A/Q SIGN (8-97)
- 21T24 (8-97) L → Bi·T24 (8-147)
- 71FO4 (8-147) L → SEE NOTE 2 (8-98)
- 23T34 (8-98) L → Bf·T34 (8-253)
- 23LO0 (8-253) L → MULT/DIV SEQ

- 70E01 (8-82) 73C64 (8-82)
- 01W01 (8-220)
- 13F23 (8-145) L → f=23 (8-79)
- 71G23 (8-79) L → COMP
- 70E23 (8-79) L → COMP
- 01W00 (8-220)
- 51F36 (8-148) L → f=36,37,50,53,54,57

- 31J09 (8-71) L → MC
- 20LO0 (8-253) L → MULT/DIV SEQ (8-145)
- 12F22 (8-145) L → f=22

LIST OF MATERIAL		PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION	
QTY	REV	REF DES	CODE	UNWG	SIZE
UNIVAC					
DIVISION OF TRAY-BRAND CORPORATION					
CLASS		TITLE			
A		FUNCTIONAL SCHEMATIC, ADDER SELECTOR CONTROL 2			
DATE		DRAWN BY			
6-11-65		D.E. LODGE			
CHECKED BY		DESIGNED BY			
B. POPOV		G. KREGNESS			
APPROVED BY		DATE			
[Signature]		9-15-65			
CORP. IDENT. NO.		SIZE		UNWG. NO.	
90536		D		7032856	
SCALE		WEIGHT		SHEET OF	

UNIVAC No. 7032856-00

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71694	SEE EIR		10-28-65	
B		69663	SEE EIR		11-30-66	
C		77402	SEE EIR		1-1-66	

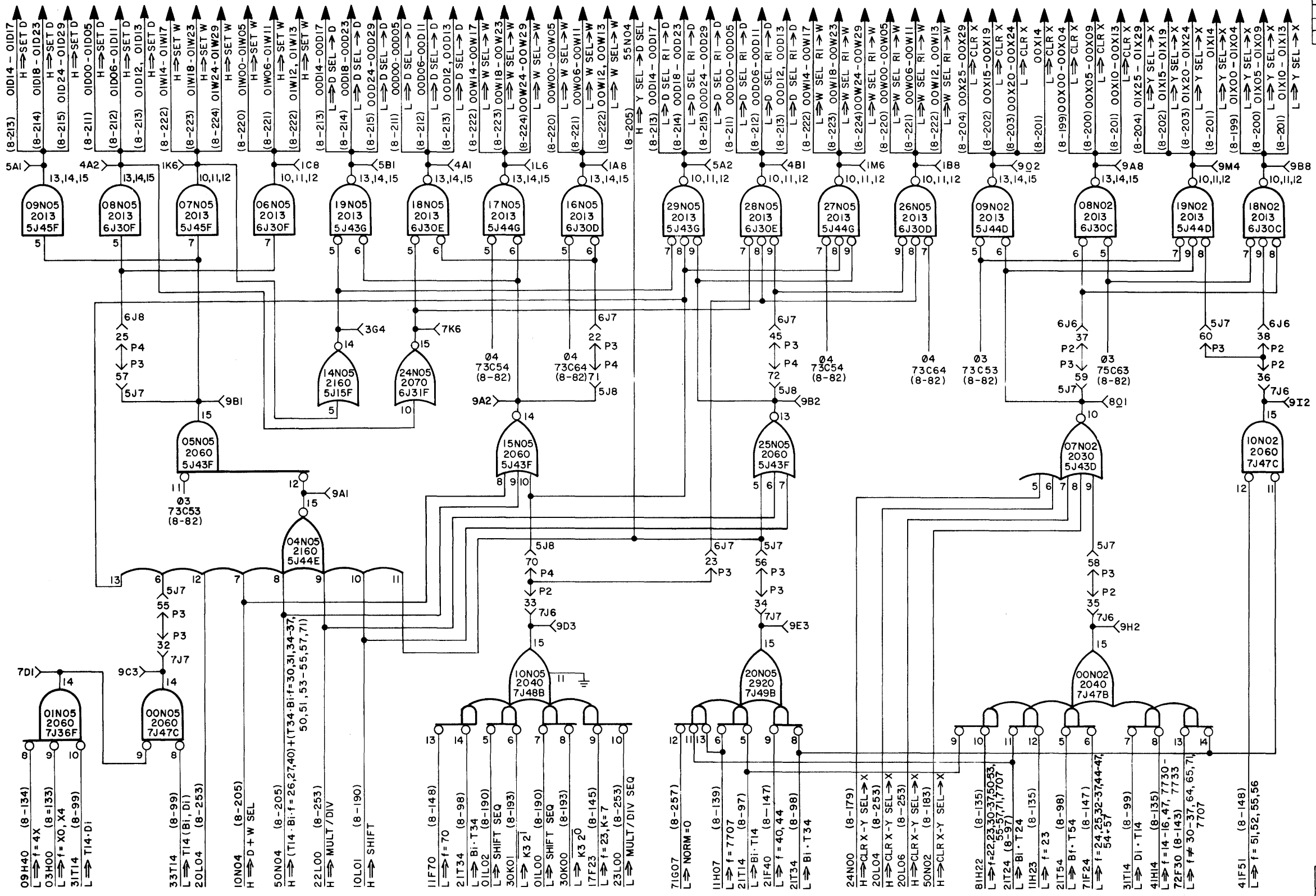


FIGURE 8-198

QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

IDENT NO. 7032719-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON		M.M. DROBINSKI		5-26-65		A	
2 PLACE DECIMALS =		CHECKER		9-15-66		TITLE	
3 PLACE DECIMALS =		B. POPOV		9-15-66		FUNCTIONAL SCHEMATIC, W, X & D REGISTERS CONTROL	
HOLE DIAMETER TOLERANCE		ENGINEER		9-15-66		CODE IDENT NO.	
0 THRU .250 + .003		G. KREGNESS		APPROVAL		SIZE	
.251 THRU .500 + .004		[Signature]		[Signature]		DWG NO.	
.501 & LARGER + .010						90536 D 7032719	
THREADS: EXT. CL. 2A, INT. CL. 2B						SCALE	
MATERIAL						WEIGHT	
NEXT ASSY						SHEET OF	
EQUIPMENT							
APPLICATION							
COMMODITY CODE							
FINISH							

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		71696	SEE EIR			<i>[Signature]</i>

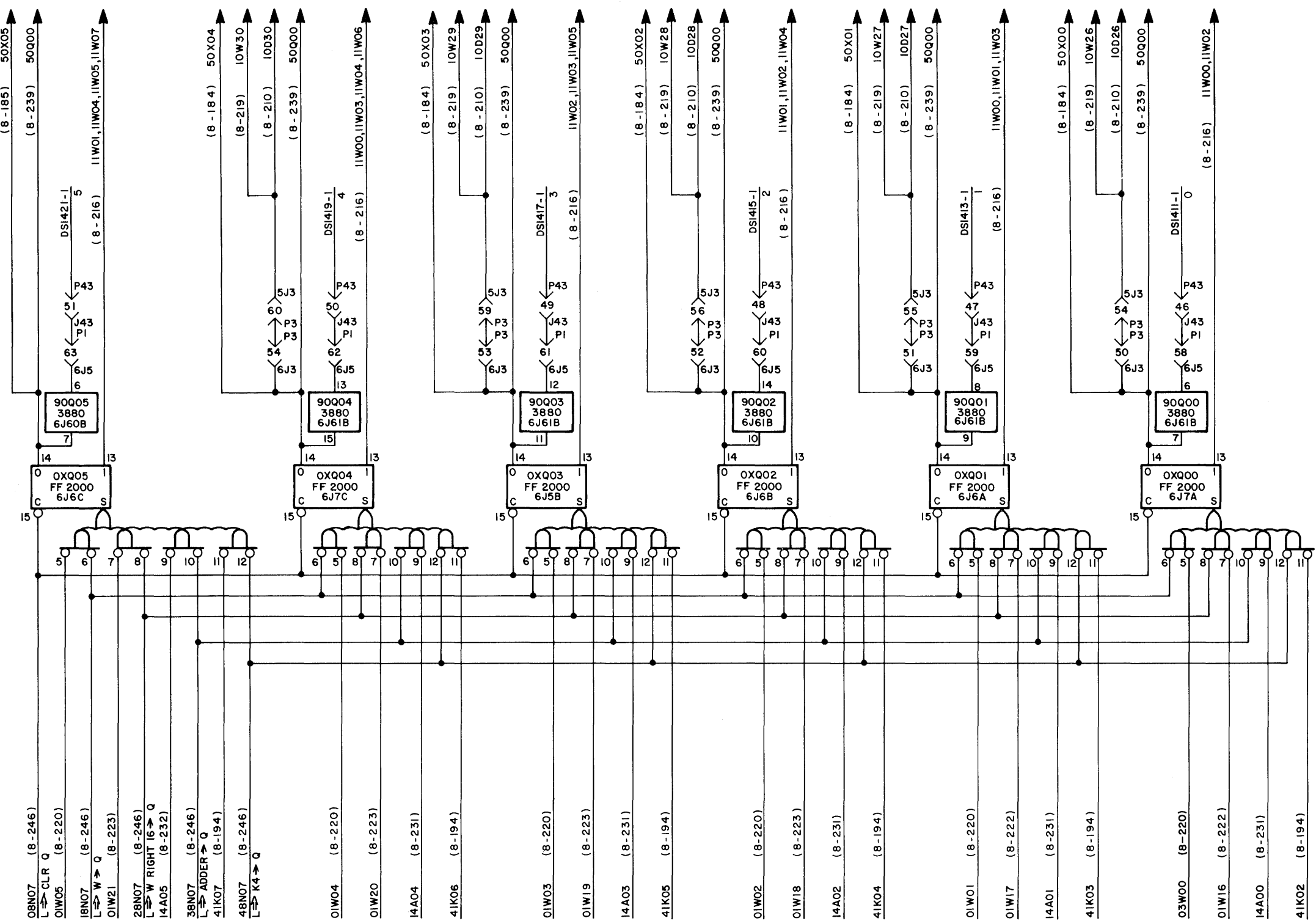


FIGURE 8-248

QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS
DIMENSION IN INCHES	TOLERANCE ON 2 PLACE DECIMALS			
	3 PLACE DECIMALS			
	ANGLES			
HOLE DIAMETER TOLERANCE				
0 THRU .250	+.003			
.251 THRU .500	+.005			
.501 & LARGER	+.010			
THREADS	EXPT. CL. INT. CL. 2B			
MATERIAL				
FINISH				

COMMODITY CODE	APPLICATION	EQUIPMENT	DATE	CLASS

LIST OF MATERIAL		UNIVAC	
		DIVISION OF SPERRY RAND CORPORATION	
DRAFTSMAN	R. NEWMAN	DATE	3-20-65
CHECKER	B. POPOV	TITLE	FUNCTIONAL SCHEMATIC, Q REGISTER BITS 00-05
ENGINEER	G. KREGNESS	DATE	3-22-65
APPROVER	<i>[Signature]</i>	DATE	4-15-65
CODE IDENT NO.	90536	SIZE	D
DWG NO.	7032770	SCALE	
		SHEET 1 OF 1	

IDENT NO. 7032770-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DISCLOSED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION BY THE UNIVAC

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		71696	SEE EIR			<i>[Signature]</i>

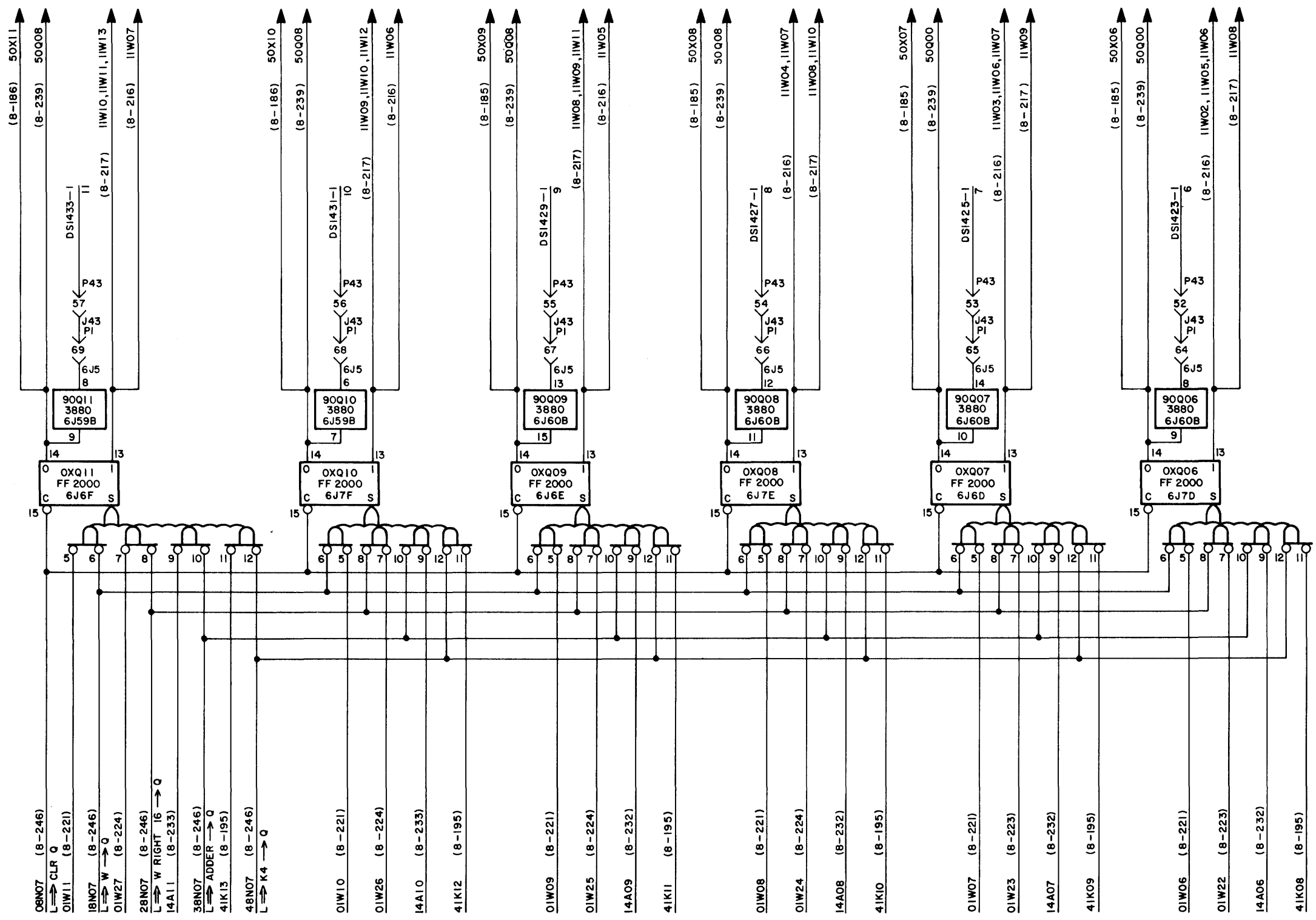


FIGURE 8-249

QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

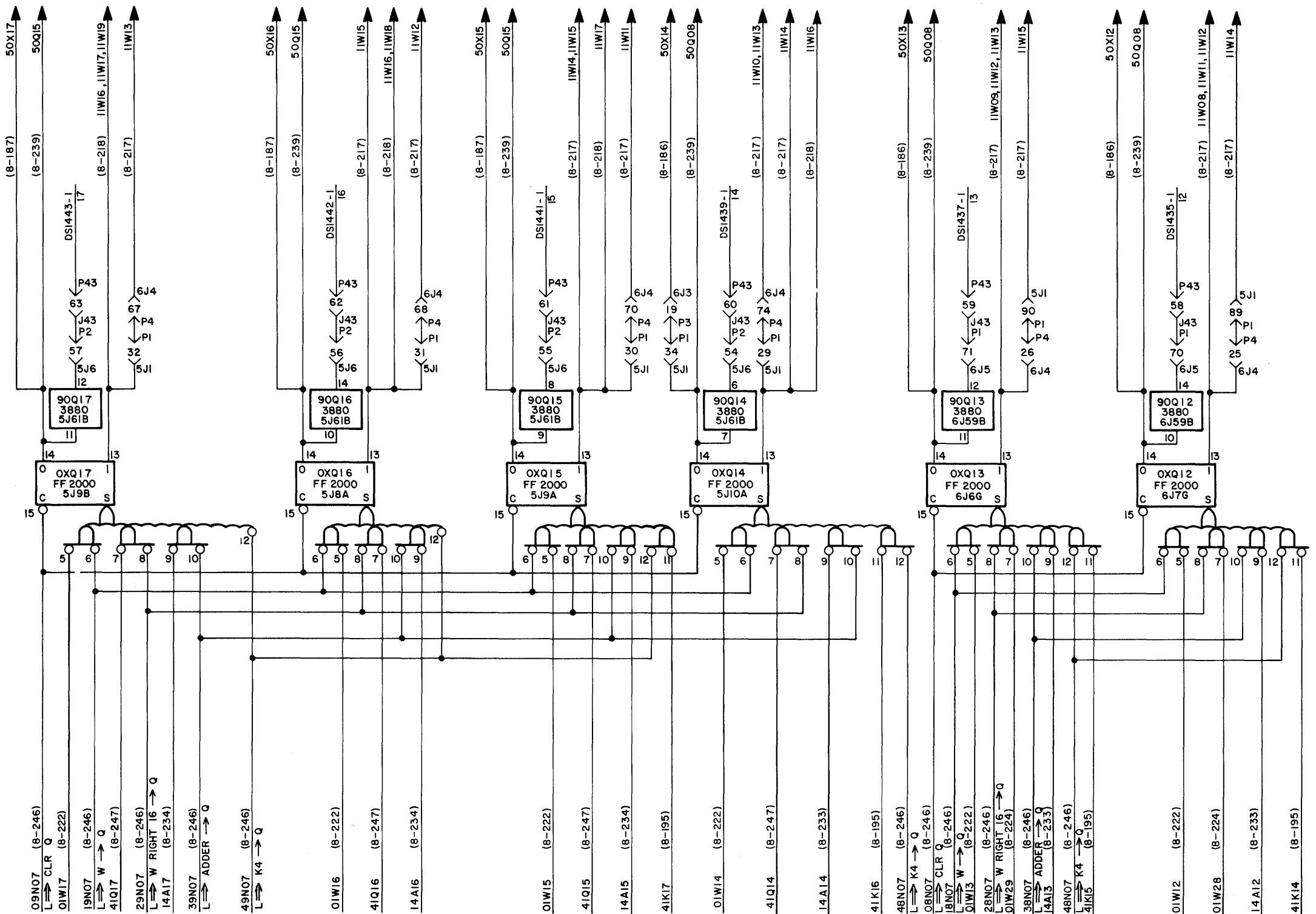
IDENT NO. 7032771-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON		DRAFTSMAN		3-20-65		TITLE	
2 PLACE DECIMALS		R. NEWMAN		3-22-65		FUNCTIONAL SCHEMATIC, Q REGISTER BITS 06-11	
3 PLACE DECIMALS		CHECKER		G. KREGNESS		CODE IDENT NO.	
ANGLES		B. POPOV		4-15-65		SIZE	
HOLE DIAMETER TOLERANCE		ENGINEER		APPROVAL		DWG NO.	
0 THRU .250		G. KREGNESS		<i>[Signature]</i>		90536	
.251 THRU .500						D	
.501 & LARGER						7032771	
+ .003						SCALE	
+ .005						WEIGHT	
- .002						SHEET 1 OF 1	
- .005							
THREADS EXCEPT DIA. INT CL 2B							
MATERIAL							
FINISH							
NEXT ASST							
EQUIPMENT							
APPLICATION							
COMMODITY CODE							

REVISIONS				
NO.	DATE	DESCRIPTION	CHK.	APP.



09N07 (8-246)
 L → CLR Q
 01W17 (8-222)
 19N07 (8-246)
 L → W → Q
 41Q17 (8-247)
 29N07 (8-246)
 L → W RIGHT 16 → Q
 14A17 (8-234)
 39N07 (8-246)
 L → ADDER → Q
 49N07 (8-246)
 L → K4 → Q
 01W16 (8-222)
 41Q16 (8-247)
 14A16 (8-234)
 01W15 (8-222)
 41Q15 (8-247)
 14A15 (8-234)
 41K17 (8-195)
 01W14 (8-222)
 41Q14 (8-247)
 14A14 (8-233)
 41K16 (8-195)
 48N07 (8-246)
 L → K4 → Q
 08N07 (8-246)
 L → CLR Q
 18N07 (8-246)
 L → W → Q
 01W13 (8-222)
 28N07 (8-246)
 L → W RIGHT 16 → Q
 01W29 (8-224)
 38N07 (8-246)
 L → ADDER → Q
 14A13 (8-233)
 48N07 (8-246)
 L → K4 → Q
 41K15 (8-195)
 01W12 (8-222)
 01W28 (8-224)
 14A12 (8-233)
 41K14 (8-195)

FIGURE 8-250

IDENT NO. 7032772-00

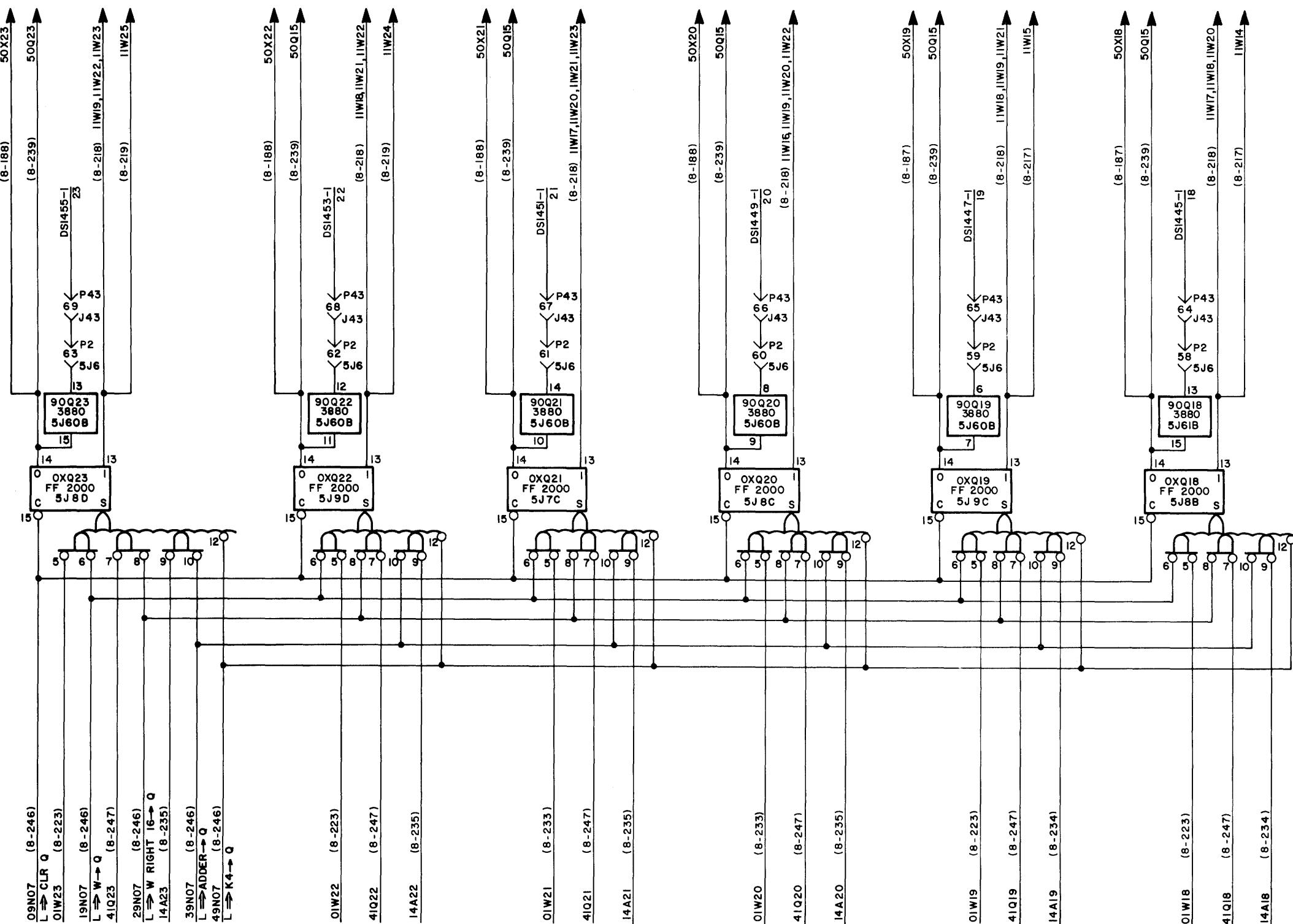
UNIVAC
 DIVISION OF SPERRY RAND CORPORATION

LAYOUT	DATE	CLASS
	3/24/60	
DRAFTSMAN	R. PFUTZENREUTER	TITLE
CHECKER	B. POPOV	FUNCTIONAL SCHEMATIC, Q REGISTER BITS 12-17
ENGINEER	G. KREGNESS	
APPROVAL	<i>[Signature]</i>	

QTY.	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

CODE IDENT NO.	SIZE	DWG NO.
90536	D	7032772

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APP'D



09N07 (8-246)
L → CLR Q
01W23 (8-223)
19N07 (8-246)
L → W → Q
41Q23 (8-247)
29N07 (8-246)
L → W RIGHT 16 → Q
14A23 (8-235)
39N07 (8-246)
L → ADDER → Q
49N07 (8-246)
L → K4 → Q

01W22 (8-223)
41Q22 (8-247)
14A22 (8-235)

01W21 (8-233)
41Q21 (8-247)
14A21 (8-235)

01W20 (8-233)
41Q20 (8-247)
14A20 (8-235)

01W19 (8-223)
41Q19 (8-247)
14A19 (8-234)

01W18 (8-223)
41Q18 (8-247)
14A18 (8-234)

FIGURE 8-251

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED: DIMENSION IN INCHES TOLERANCE ON: 2 PLACES .005 3 PLACES .010 DECIMALS .005 ANGLES .010 HOLE DIAMETER TOLERANCE: 0 THRU .125 .005 .125 THRU .500 .010 .500 & LARGER .015 THREADS EXCEPT AS NOTED MATERIAL FINISH	LAYOUT	DATE	CLASS	UNIVAC	
	DRAFTSMAN R. PFUTZENREUTER	3/24/65	A	DIVISION OF SPERRY RAND CORPORATION	
	CHECKER B. POPOV	BP 9-5-65		TITLE FUNCTIONAL SCHEMATIC, Q REGISTER BITS 18-23	
	ENGINEER G. KREGNESS	GK 9-5-65		CODE IDENT NO.	SIZE
APPROVAL [Signature]			90536	D	7032773
APPLICATION			SCALE	WEIGHT	SHEET 1 OF 1

IDENT NO. 7032773--00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS LOANED TO YOU BY THE FOLLOWING INSTRUMENT.

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REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		71696	SEE EIR			<i>[Signature]</i>

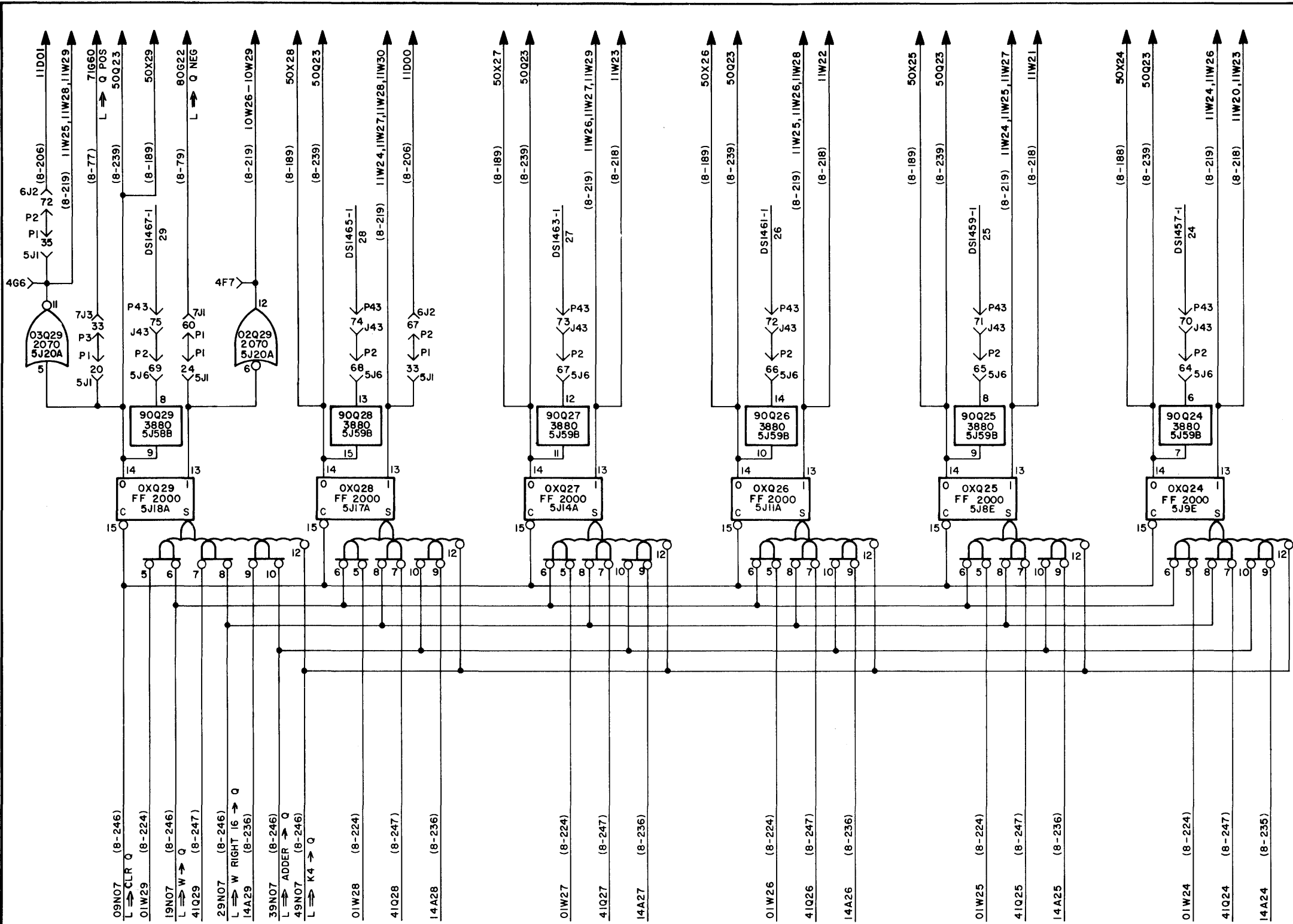


FIGURE 8-252

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL			

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCE ON PLACE 3 PLACE DECIMALS DECIMALS ANGLES ± ± ± HOLE DIAMETER TOLERANCE 0 THRU .750 ±.005 .751 THRU .501 & LARGER ±.010 .002 ±.005 THREADED EXTERNAL INT CL 2B	LAYOUT	DATE	CLASS
	DRAFTSMAN R. PFUTZENREUTER	3/24/65	
	CHECKER B. POPOV	9-15-65	
	ENGINEER G. KREGNESS	9-15-65	
APPROVA <i>[Signature]</i>			

IDENT NO. 7032774 -00			
THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:			
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COMMODITY CODE	APPLICATION	FINISH

UNIVAC	DIVISION OF SPERRY RAND CORPORATION
TITLE	FUNCTIONAL SCHEMATIC, Q REGISTER BITS 24-29
CODE IDENT NO.	90536
SIZE	D
DWG NO.	7032774
SCALE	
WEIGHT	
SHEET	OF 1

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		71696	SEE EIR			

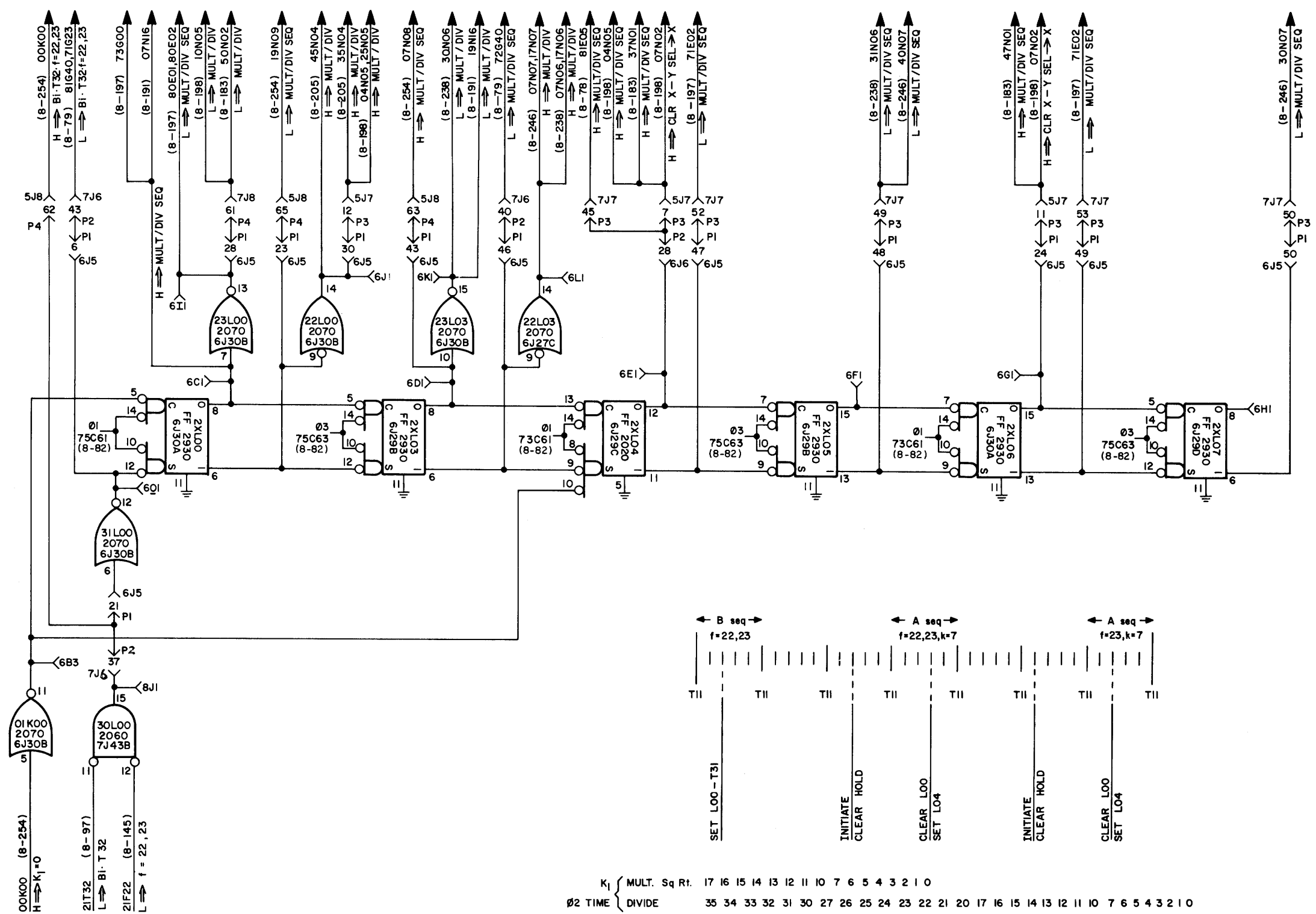


FIGURE 8-253

K ₁	MULT.	Sq Rt.	17	16	15	14	13	12	11	10	7	6	5	4	3	2	1	0	
ø2 TIME	DIVIDE		35	34	33	32	31	30	27	26	25	24	23	22	21	20	17	16	15

IDENT NO. 7032849-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT

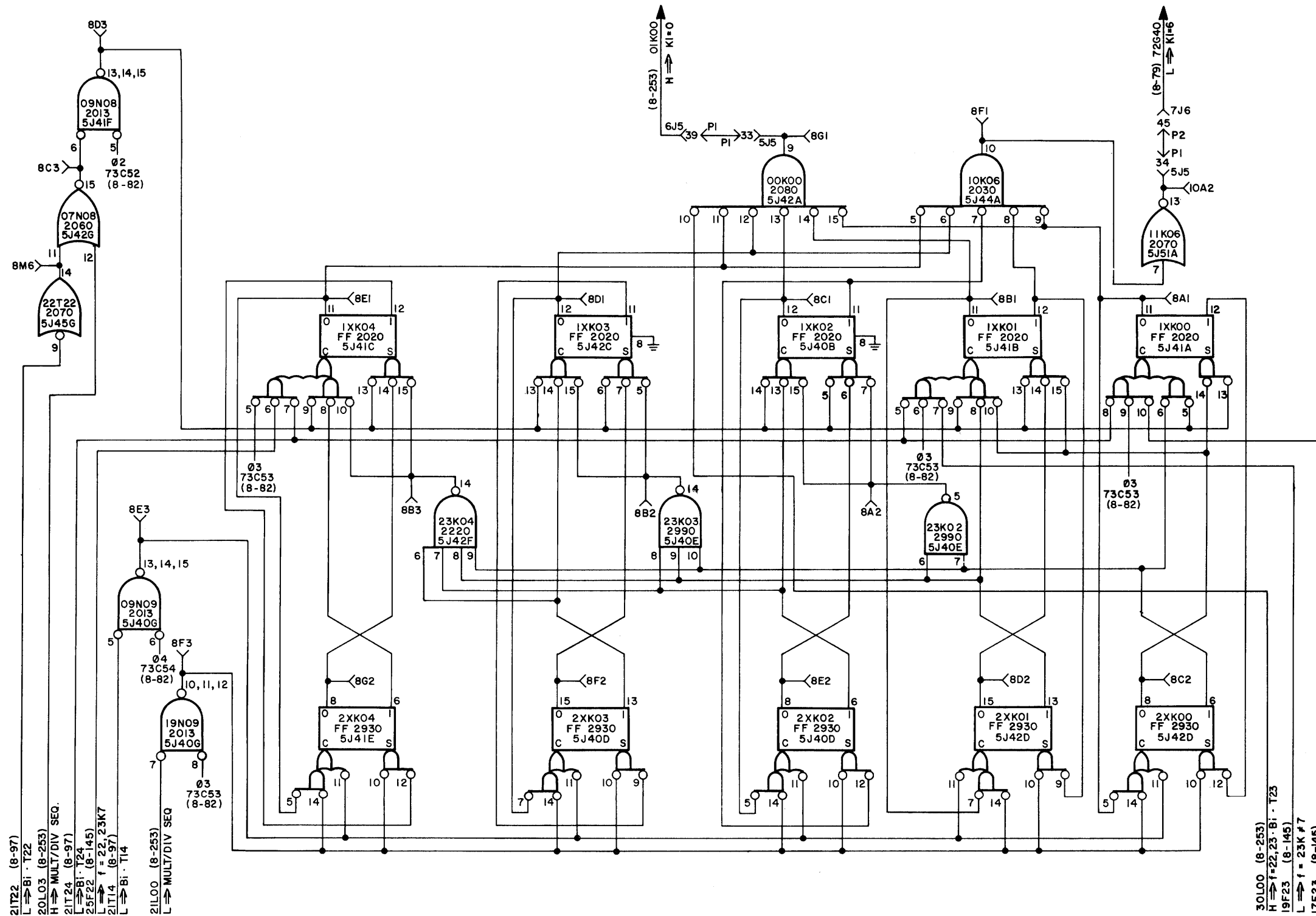
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREIN MAY NOT BE DISCLOSED IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION

UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES	DRAFTSMAN D. C. WHEELER	5-21-65	A
HOLE DIAMETER TOLERANCE 0 THRU .250 .251 THRU .500 .501 & LARGER	CHECKER B. POPOV		
THREADS: EXT. CL. 2A, INT. CL. 2B	ENGINEER G. KREGNESS		
MATERIAL	APPROVAL <i>[Signature]</i>		
FINISH			

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL			
UNIVAC		DIVISION OF SPERRY RAND CORPORATION	
TITLE		FUNCTIONAL SCHEMATIC, MULT / DIVIDE / SQ ROOT SEQUENCE	
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7032849	
SCALE	WEIGHT	SHEET OF	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A		71696	SEE EIR		<i>[Signature]</i>



21T22 (8-97)
 L → BI · T22
 20L03 (8-253)
 H → MULT/DIV SEQ.
 21T24 (8-97)
 L → BI · T24
 25F22 (8-145)
 L → f = 22, 23K7
 21T14 (8-97)
 L → BI · T14
 21L00 (8-253)
 L → MULT/DIV SEQ.

30L00 (8-253)
 H → f = 22, 23 · BI · T23
 19F23 (8-145)
 L → f = 23K #7
 17F23 (8-145)
 L → f = 23K #7

FIGURE 8-254

IDENT NO. 7032850-00

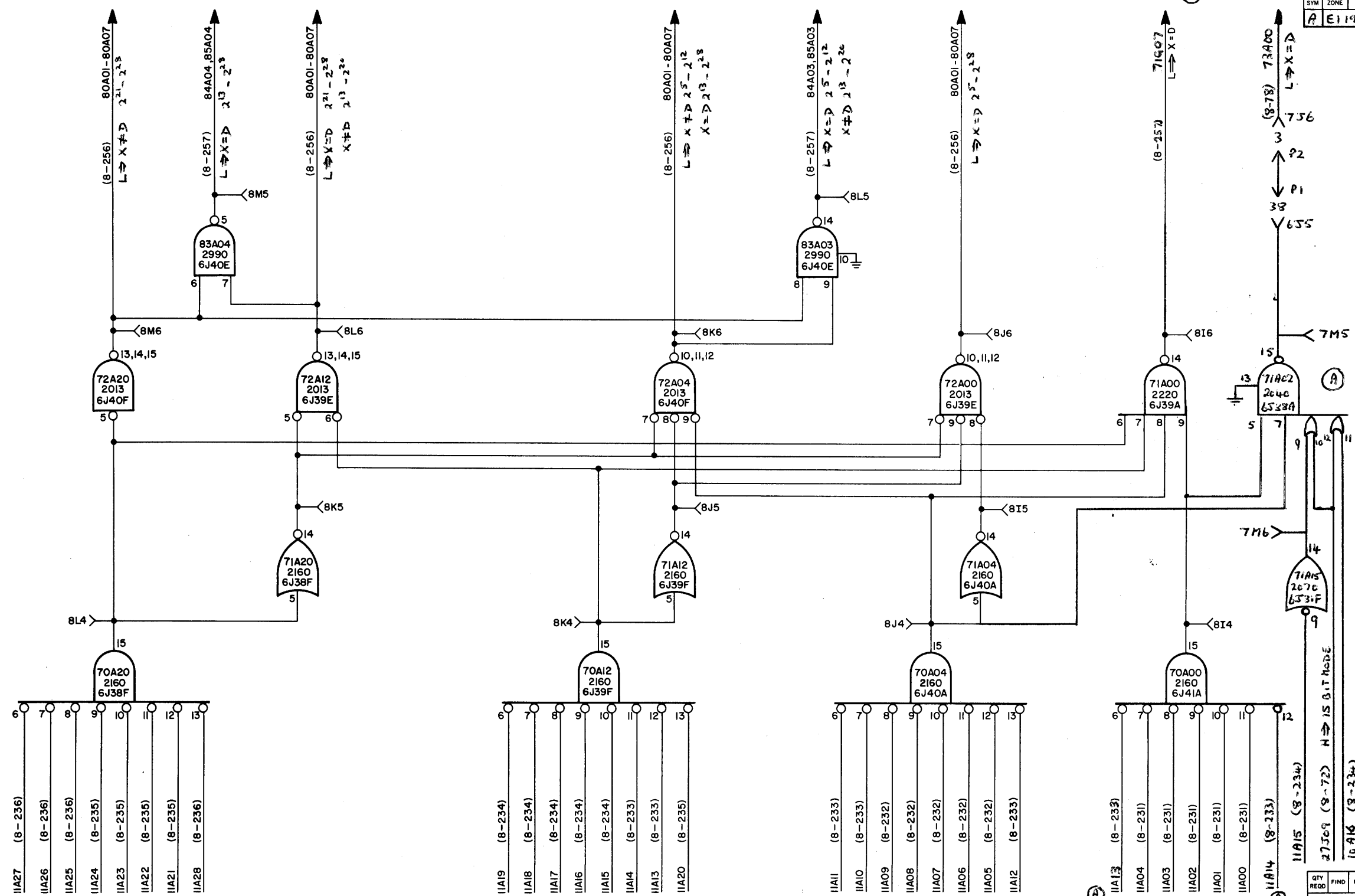
THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS	± .005
DIMENSION IN INCHES. TOLERANCE ON 3 PLACE DECIMALS	± .002
ANGLES	± .005
HOLE DIAMETER TOLERANCE	± .005
0 THRU .250	± .005
.251 THRU .500	± .003
.501 & LARGER	± .010
THREADS: EXT. CL. 2A INT. CL. 2B	
MATERIAL	
FINISH	
APPLICATION	
EQUIPMENT	
COMMODITY CODE	

LAYOUT	DATE	CLASS
DRAFTSMAN F. MANNING	5-26-60	A
CHECKER B. POPOV	9-15-60	
ENGINEER G. KREGNESS	9-15-60	
APPROVAL <i>[Signature]</i>		

LIST OF MATERIAL													
QTY REQD.	FIND	REF DES	CODE IDENT										
			IDENTIFYING NO.										
			NOMENCLATURE OR DESCRIPTION										
<table border="1"> <thead> <tr> <th>CLASS</th> <th>TITLE</th> <th>CODE IDENT NO.</th> <th>SIZE</th> <th>DWG NO.</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>FUNCTIONAL SCHEMATIC, MULT/DIVIDE/SQ. ROOT COUNTER</td> <td>90536</td> <td>D</td> <td>7032850</td> </tr> </tbody> </table>				CLASS	TITLE	CODE IDENT NO.	SIZE	DWG NO.	A	FUNCTIONAL SCHEMATIC, MULT/DIVIDE/SQ. ROOT COUNTER	90536	D	7032850
CLASS	TITLE	CODE IDENT NO.	SIZE	DWG NO.									
A	FUNCTIONAL SCHEMATIC, MULT/DIVIDE/SQ. ROOT COUNTER	90536	D	7032850									
<table border="1"> <thead> <tr> <th>SCALE</th> <th>WEIGHT</th> <th>SHEET</th> <th>OF</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td>1</td> <td>1</td> </tr> </tbody> </table>				SCALE	WEIGHT	SHEET	OF			1	1		
SCALE	WEIGHT	SHEET	OF										
		1	1										

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A	E11952	B	SKIP INSTRUCTION CORRECTION	



- IIA27 (8-236)
- IIA26 (8-236)
- IIA25 (8-236)
- IIA24 (8-235)
- IIA23 (8-235)
- IIA22 (8-235)
- IIA21 (8-235)
- IIA28 (8-236)

- IIA19 (8-234)
- IIA18 (8-234)
- IIA17 (8-234)
- IIA16 (8-234)
- IIA15 (8-234)
- IIA14 (8-233)
- IIA13 (8-233)
- IIA20 (8-235)

- IIA11 (8-233)
- IIA10 (8-233)
- IIA09 (8-232)
- IIA08 (8-232)
- IIA07 (8-232)
- IIA06 (8-232)
- IIA05 (8-232)
- IIA12 (8-233)

- IIA13 (8-233)
- IIA04 (8-231)
- IIA03 (8-231)
- IIA02 (8-231)
- IIA01 (8-231)
- IIA00 (8-231)
- IIA14 (8-233)
- IIA15 (8-234)
- 27J09 (8-72)
- IIA16 (8-234)

FIGURE 8-255

IDENT NO. 7032842-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		M. MOSENG		5-17-65	A
HOLE DIAMETER TOLERANCE		CHECKER		TITLE	
0 THRU .250 +.003		B. POPOV		FUNCTIONAL SCHEMATIC, NORMALIZE GROUP DETECTION	
.251 THRU .500 +.005		ENGINEER		APPROVAL	
.501 & LARGER +.010		G. KREGNESS		G. KREGNESS	
THREADS: EXT. CL. 2A, INT. CL. 2B		APPROVAL		CODE IDENT NO.	SIZE
MATERIAL		COMMUNITY CODE		90536	D
FINISH		FINISH		DWG NO.	7032842
APPLICATION		FINISH		SCALE	WEIGHT
EQUIPMENT		FINISH		SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71696	SEE EIR	8/23/65 [Signature]

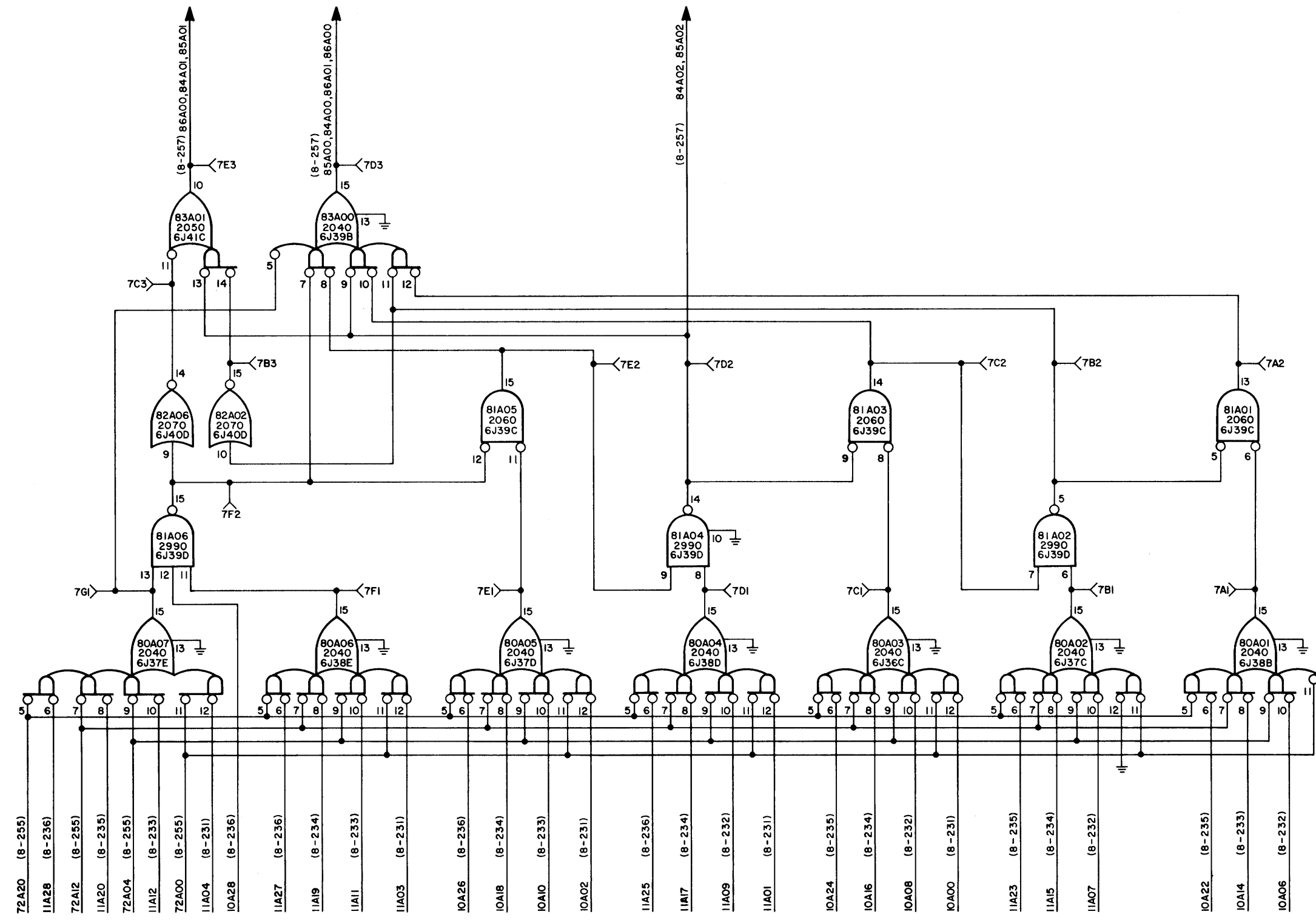


FIGURE 8-256

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

PART NO. IDENT NO. 7032844-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS DECIMALS ANGLES ± ± ± HOLE DIAMETER TOLERANCE 0 THRU .250 .251 THRU .500 .501 & LARGER + .003 + .005 + .010 - .002 - .003 - .005 THREADS EXCEPT 2A INT CL 2B MATERIAL FINISH	LAYOUT DRAFTSMAN D.R. MUHS CHECKER B. POPOV ENGINEER G. KREGNESS APPROVAL [Signature]	DATE 4-23-65	CLASS A	TITLE FUNCTIONAL SCHEMATIC, NORMALIZE STAGE DETECTION	
	NEXT Assy EQUIPMENT APPLICATION COMMODITY CODE	CODE IDENT NO. 90536	SIZE D	DWG NO. 7032844	SCALE SHEET OF

REVISIONS				
SYM	ZONE	CHR	DATE	APPROVED

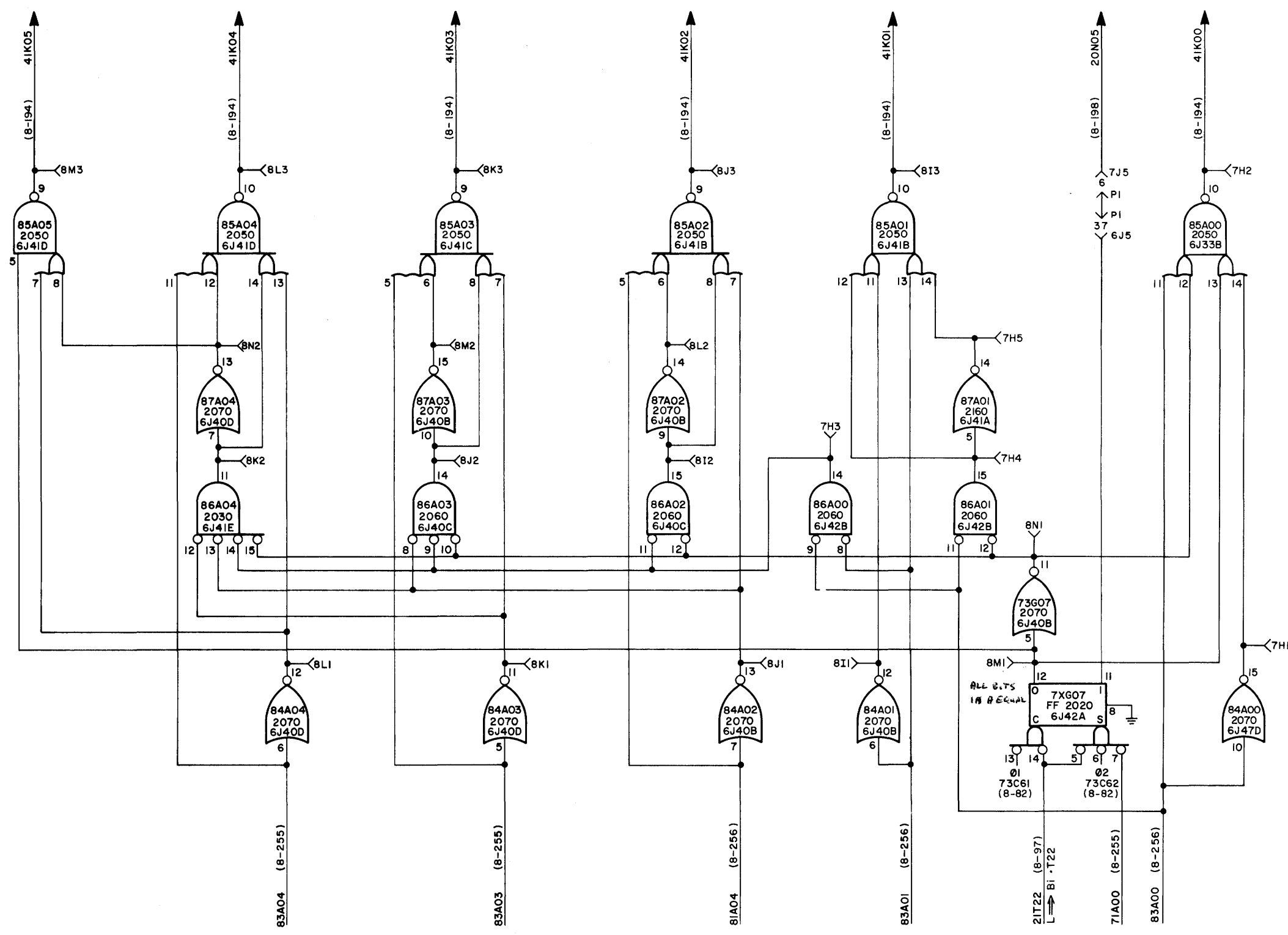


FIGURE 8-257

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	

IDENT NO. 7032843-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNITED STATES OF AMERICA. IT IS UNCLASSIFIED AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE ON 2 PLACES
DECIMALS	1 PLACE
+	DECIMALS
+	+
HOLE DIAMETER TOLERANCE	
0 THRU .250	±.001 THRU .500
.004	±.005
.002	±.010
	±.005
THREADS	FRACTIONAL INT CL 2B
MATERIAL	
FINISH	

LAYOUT	DATE	CLASS
V. STEEBER	4-26-65	A
B. POPOV	9-15-61	
G. KREGNESS	9-15-61	

LIST OF MATERIAL		
UNIVAC		
DIVISION OF SPERRY RAND CORPORATION		
FUNCTIONAL SCHEMATIC, NORMALIZE OUTPUTS		
CODE IDENT NO.	SIZE	DWG NO.
90536	D	7032843
SCALE	WEIGHT	SHEET 1 OF 1

REVISIONS						
BY	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		77403	SEE EIR		12-22-64	<i>[Signature]</i>

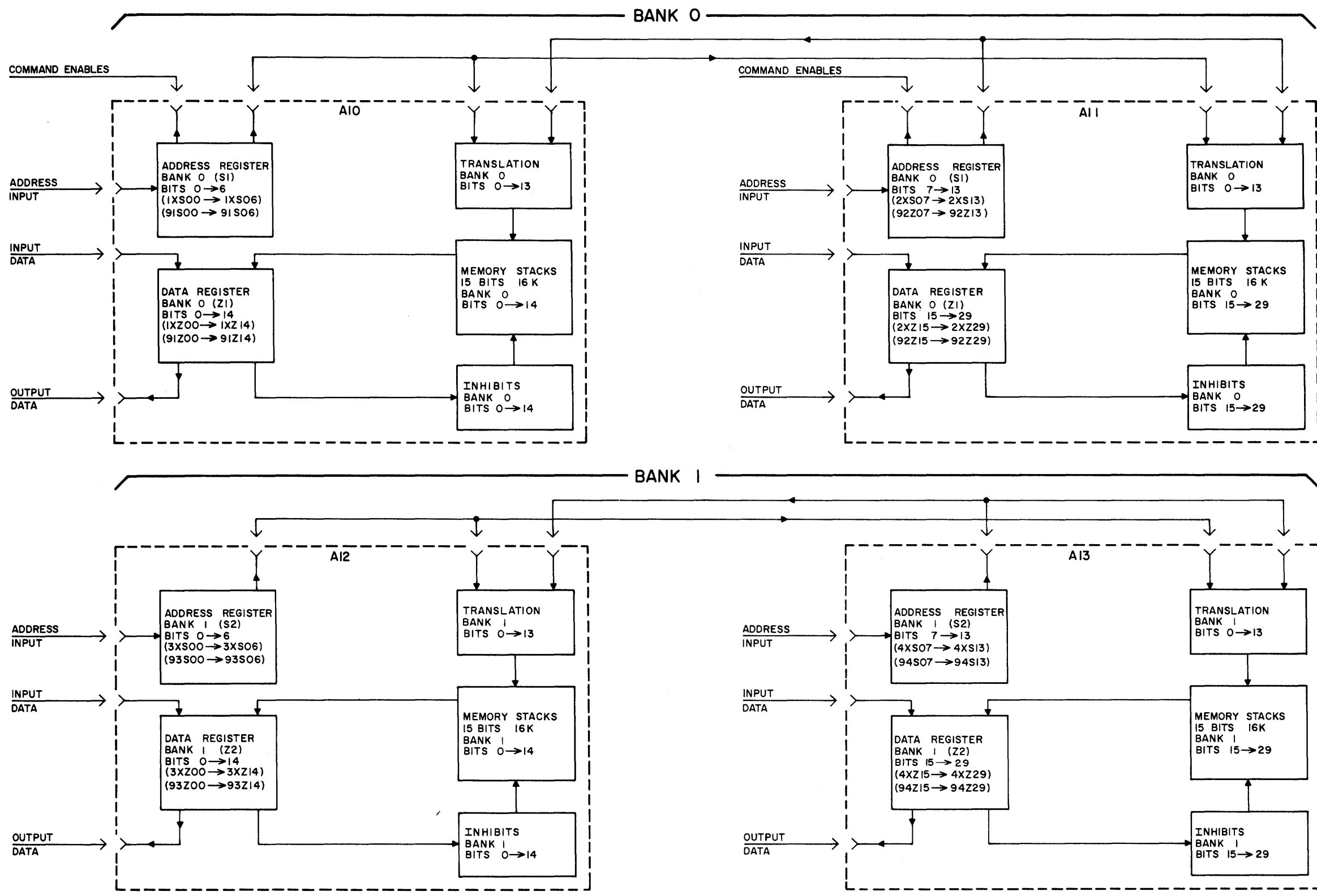


FIGURE 8-258

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
			DATE		CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION
			8-19-65		A	
			DRAFTSMAN		TITLE	
			D.C. WHEELER		BLOCK DIAGRAM, COMPUTER MAIN MEMORY	
			CHECKER			
			B. POPOV			
			ENGINEER			
			R. SVOBODNY			
			APPROVAL			
			<i>[Signature]</i>			
			CODE IDENT NO.		SIZE	DWG NO.
			90536		D	7032766
			SCALE		WEIGHT	SHEET OF

IDENT NO. 7032766-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS	± .005
DIMENSION IN INCHES. TOLERANCE ON 3 PLACE DECIMALS	± .002
ANGLES	± .010
HOLE DIAMETER TOLERANCE	± .005
0 THRU .250	± .005
.251 THRU .500	± .005
.501 & LARGER	± .010
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		71696	SEE EIR			

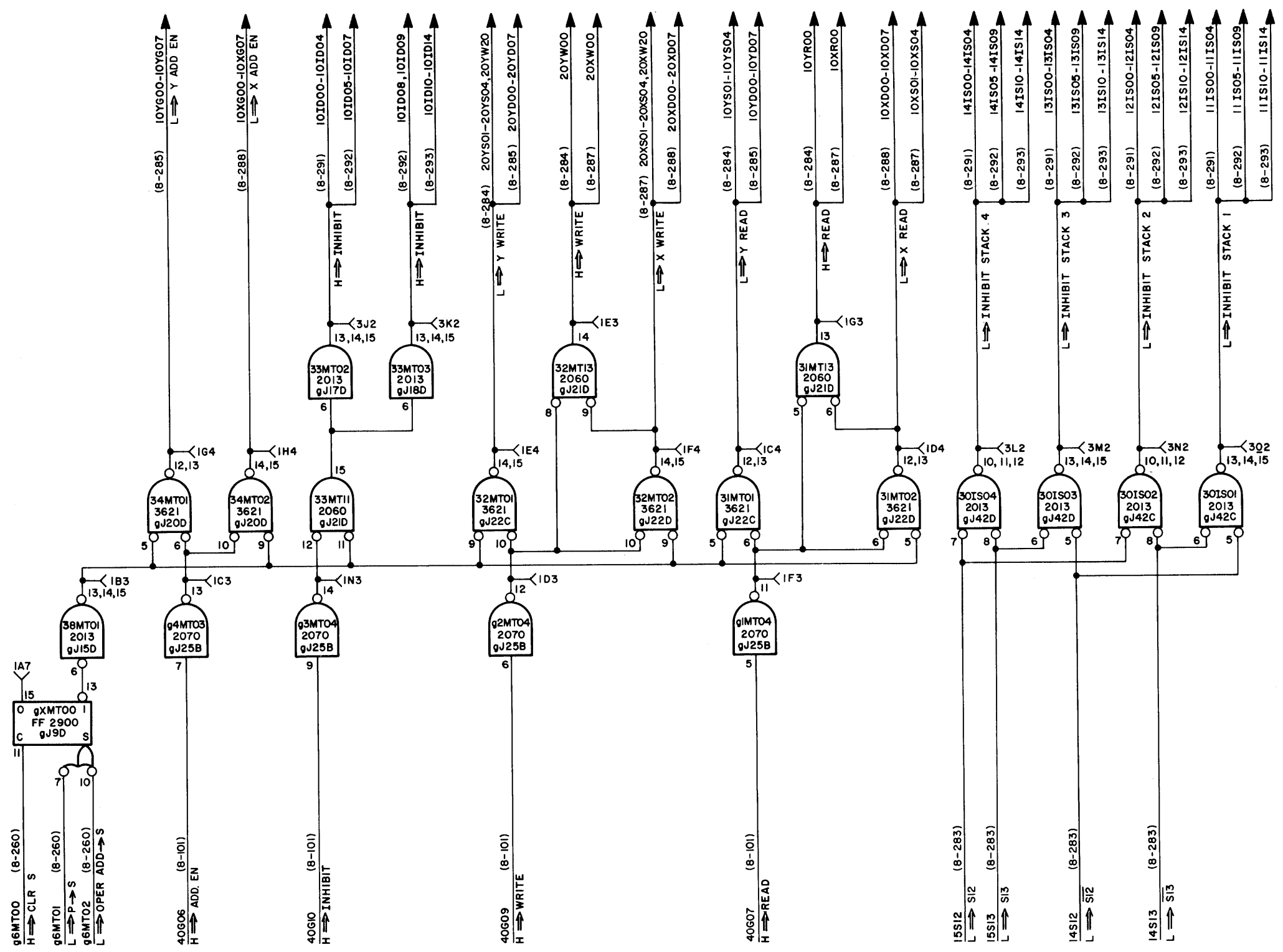


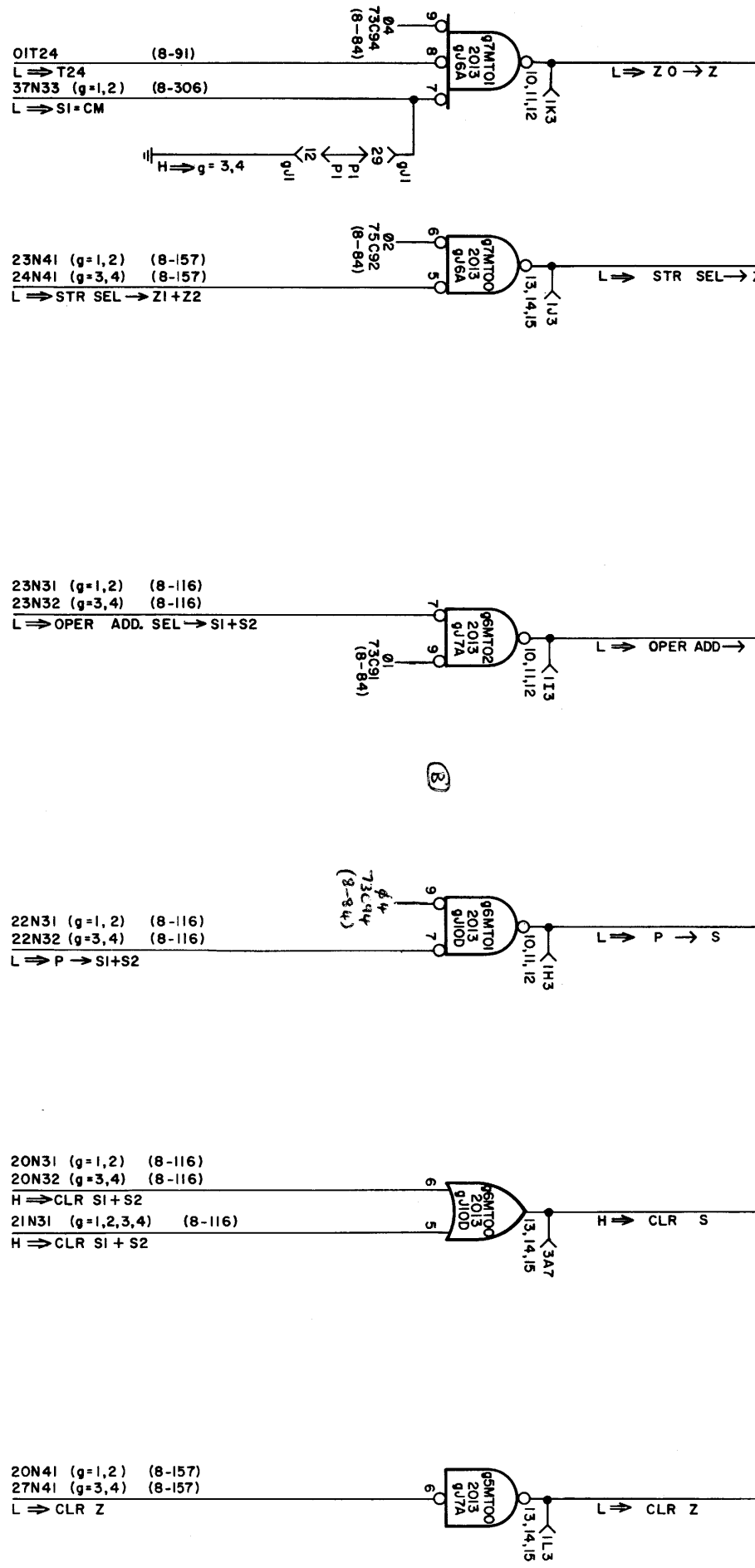
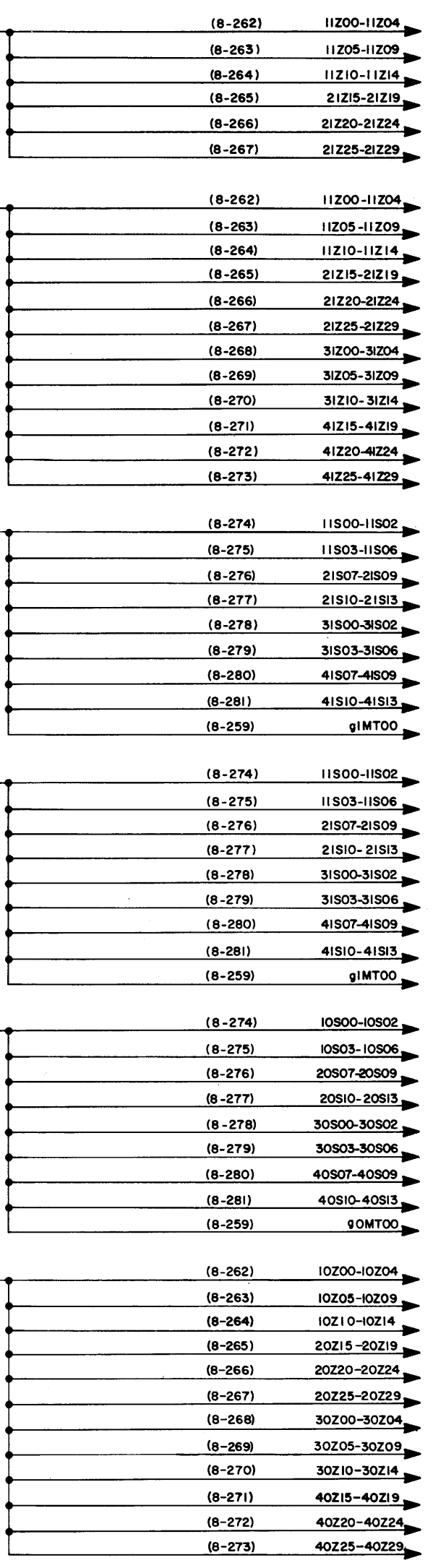
FIGURE 8-259

IDENT NO. 7032758-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		3 PLACE DECIMALS		ANGLES
HOLE DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		.501 & LARGER
		+.003		+.005		+.010
		-.002		-.005		-.005
THREADS: EXT. CL. 2A, INT. CL. 2B						
MATERIAL		FINISH		LAYOUT		
NEXT ASST		EQUIPMENT		DATE		CLASS
APPLICATION		COMMODITY CODE		8-17-65		A
				DRAFTSMAN		V. STEEBER
				CHECKER		B. POPOV
				ENGINEER		R. SVOBODNY
				APPROVAL		<i>R. S. Slobodny</i>
				CODE IDENT NO.		90536
				SIZE		D
				DWG NO.		7032758
				SCALE		
				WEIGHT		
				SHEET		1 OF 1

REV	ZONE	ENR	DESCRIPTION	DATE	APPROVED
1			SEE EIR		
2			CDP HAND E.I. STATUS LOGIC CORRECTION		



PART NO. 7032759-00

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS IN INCHES TOLERANCES IN MILLIMETERS

1	FINISH	2	HOLE DIMENSIONS TOLERANCES
3	PLACEMENT	4	PLACEMENT
5	PLACEMENT	6	PLACEMENT
7	PLACEMENT	8	PLACEMENT
9	PLACEMENT	10	PLACEMENT
11	PLACEMENT	12	PLACEMENT
13	PLACEMENT	14	PLACEMENT
15	PLACEMENT	16	PLACEMENT
17	PLACEMENT	18	PLACEMENT
19	PLACEMENT	20	PLACEMENT
21	PLACEMENT	22	PLACEMENT
23	PLACEMENT	24	PLACEMENT
25	PLACEMENT	26	PLACEMENT
27	PLACEMENT	28	PLACEMENT
29	PLACEMENT	30	PLACEMENT
31	PLACEMENT	32	PLACEMENT
33	PLACEMENT	34	PLACEMENT
35	PLACEMENT	36	PLACEMENT
37	PLACEMENT	38	PLACEMENT
39	PLACEMENT	40	PLACEMENT
41	PLACEMENT	42	PLACEMENT
43	PLACEMENT	44	PLACEMENT
45	PLACEMENT	46	PLACEMENT
47	PLACEMENT	48	PLACEMENT
49	PLACEMENT	50	PLACEMENT
51	PLACEMENT	52	PLACEMENT
53	PLACEMENT	54	PLACEMENT
55	PLACEMENT	56	PLACEMENT
57	PLACEMENT	58	PLACEMENT
59	PLACEMENT	60	PLACEMENT
61	PLACEMENT	62	PLACEMENT
63	PLACEMENT	64	PLACEMENT
65	PLACEMENT	66	PLACEMENT
67	PLACEMENT	68	PLACEMENT
69	PLACEMENT	70	PLACEMENT
71	PLACEMENT	72	PLACEMENT
73	PLACEMENT	74	PLACEMENT
75	PLACEMENT	76	PLACEMENT
77	PLACEMENT	78	PLACEMENT
79	PLACEMENT	80	PLACEMENT
81	PLACEMENT	82	PLACEMENT
83	PLACEMENT	84	PLACEMENT
85	PLACEMENT	86	PLACEMENT
87	PLACEMENT	88	PLACEMENT
89	PLACEMENT	90	PLACEMENT
91	PLACEMENT	92	PLACEMENT
93	PLACEMENT	94	PLACEMENT
95	PLACEMENT	96	PLACEMENT
97	PLACEMENT	98	PLACEMENT
99	PLACEMENT	100	PLACEMENT

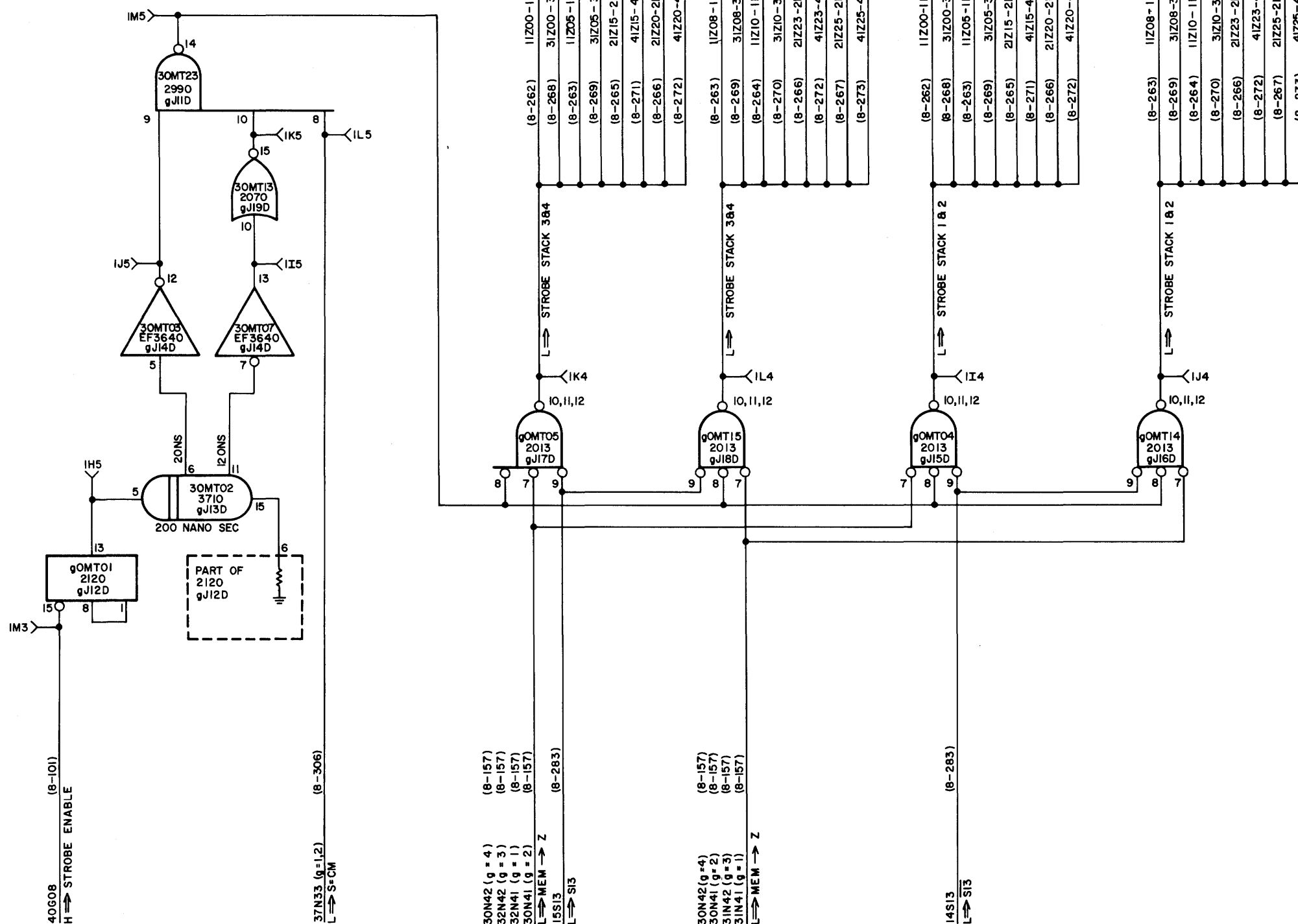
UNIVAC
DIVISION OF SPERRY RAND CORPORATION

FUNCTIONAL SCHEMATIC,
MAIN MEMORY TIMING 2

90536 D 7032759

FIGURE 8-260

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A		71696	SEE EIR		<i>[Signature]</i>



NOTE:

g	*	*	*
1	A10		
2	A11		
3	A12		
4	A13		

FIGURE 8-261

QTY	FINI	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005 ANGLES ± .010 HOLE DIAMETER TOLERANCE .0 THRU .250 ± .005 .251 THRU .500 ± .005 .501 & LARGER ± .010 THREADS: EX. CL. 2A, INT. CL. 2B	LAYOUT	DATE	CLASS
	DRAFTSMAN R. NEWMAN		A
	CHECKER B. POPOV	9-15-64	TITLE
	ENGINEER R. SVOBODNY	9-15-64	FUNCTIONAL SCHEMATIC, MAIN MEMORY TIMING 3
APPROVAL <i>[Signature]</i>	CODE IDENT NO.	SIZE	DWG NO.
	90536	D	7032760
	SCALE	WEIGHT	SHEET OF

IDENT NO. 7032760-00

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REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71696	SEE EIR	BP	10/24/65	[Signature]
B		77403	SEE EIR		2/12/66	[Signature]

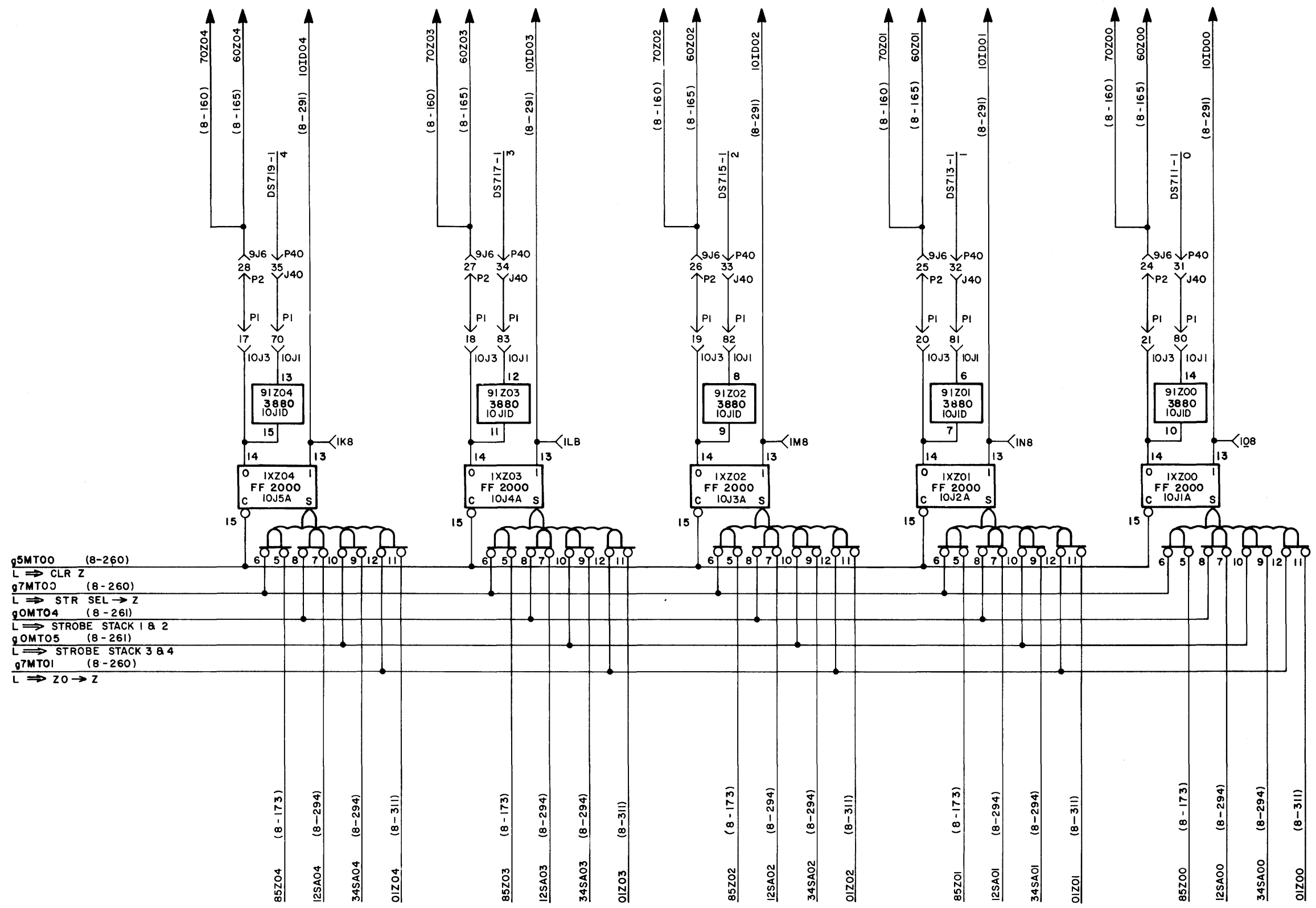


FIGURE 8-262

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS	DRAFTSMAN	2-18-65	A
3 PLACE DECIMALS	R. BRASKI		
ANGLES	CHECKER		
HOLE DIAMETER TOLERANCE	B. POPOV		
0 THRU .250	ENGINEER		
.251 THRU .500	R. SVOBODNY		
.501 & LARGER	APPROVAL		
+ .003			
+ .005			
+ .010			
- .002			
- .003			
- .005			
THREADS: EX. CL. 2A, INT. CL. 2B			
MATERIAL			
FINISH			

IDENT NO. 7032742-00	COMMODITY CODE	APPLICATION	EQUIPMENT	NEXT ASSY

CODE IDENT NO.	SIZE	DWG NO.
90536	D	7032742
SCALE	WEIGHT	SHEET OF

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REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71697	SEE EIR			
B		77403	SEE EIR		4-22-66	

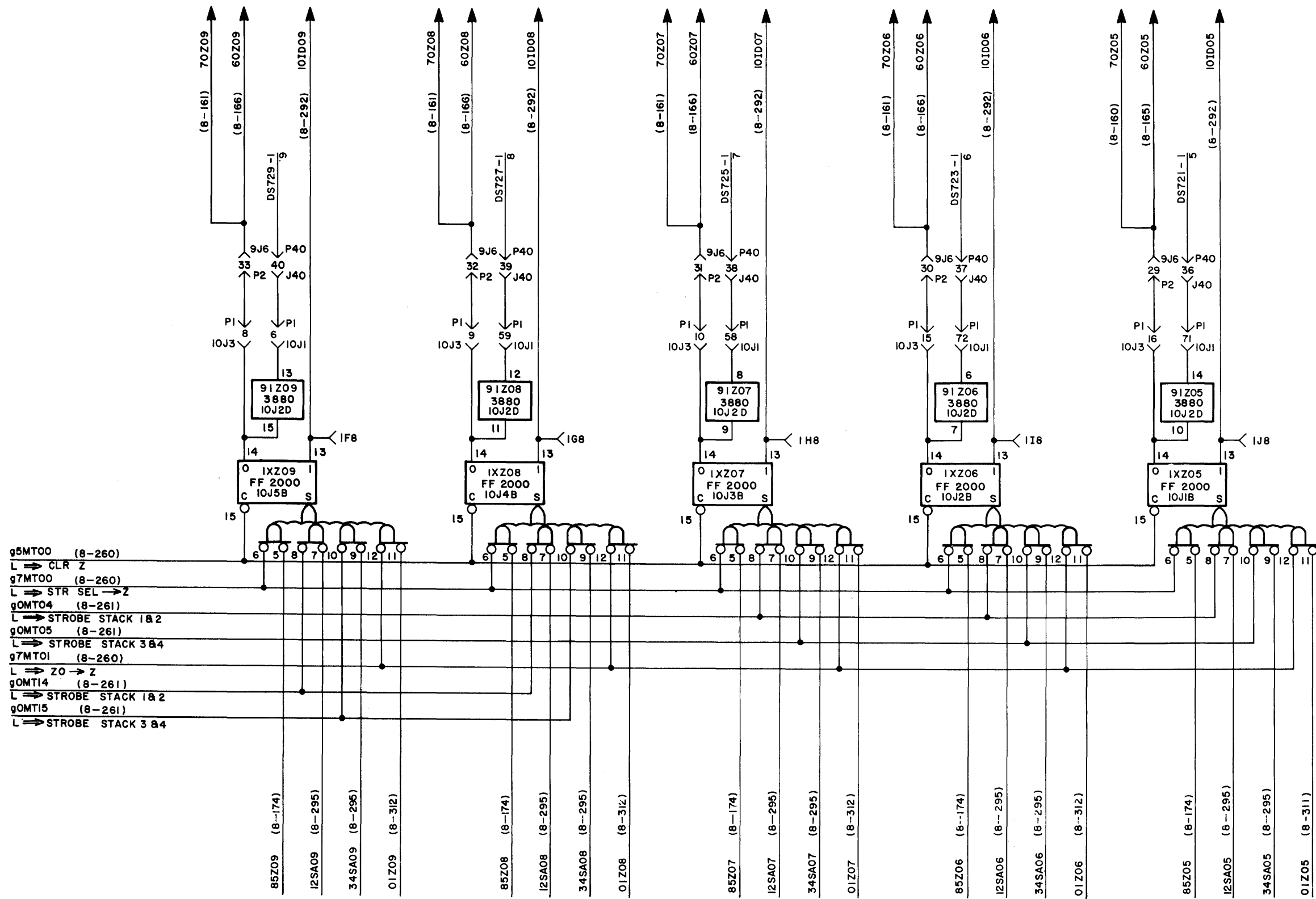


FIGURE 8-263

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
			DATE	CLASS	UNIVAC	
			2-18-65	A	DIVISION OF SPERRY RAND CORPORATION	
			TITLE			
			FUNCTIONAL SCHEMATIC, ZI REGISTER BITS 05-09			
			CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7032743	
			SCALE	WEIGHT	SHEET OF	

IDENT NO. 7032743-00

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UNLESS OTHERWISE SPECIFIED:	
DIMENSION IN INCHES, TOLERANCE ON 2 PLACE DECIMALS	3 PLACE DECIMALS
ANGLES	
HOLE DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
+ .003	+ .005
-.002	-.005
THREADS, EXCL. 2A, INT. CL. 2B	
MATERIAL	FINISH
NEXT ASSY	EQUIPMENT
APPLICATION	
COMMODITY CODE	

LAYOUT	DATE	CLASS
DRAFTSMAN	2-18-65	A
R. BRASKI		
CHECKER		
B. POPOV		
ENGINEER		
R. SVOBODNY		
APPROVAL		

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71697	SEE EIR		10/22/64	[Signature]
B		77403	SEE EIR		11-22-64	[Signature]

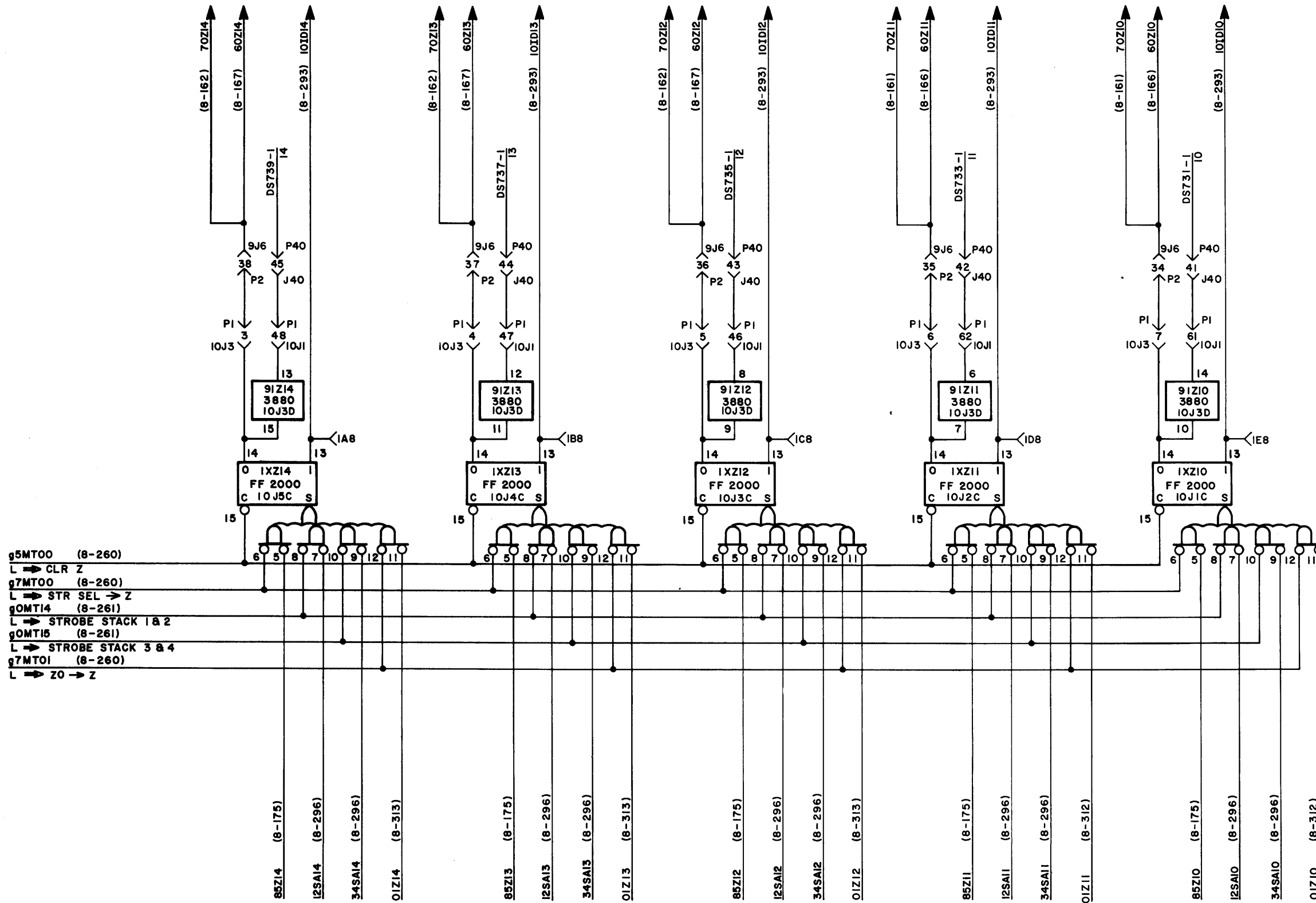


FIGURE 8-264

QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
							LIST OF MATERIAL

<small>UNLESS OTHERWISE SPECIFIED</small> DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005 3 PLACE DECIMALS ± .001 ANGLES ± .005 HOLE DIAMETER TOLERANCE 0 THRU .250 ± .003 .251 THRU .500 ± .004 .501 & LARGER ± .010 THREADS: EX. CL. 2A, INT. CL. 2B MATERIAL FINISH	LAYOUT	DATE	CLASS
	DRAFTSMAN R. BRASKI	2-19-65	A
	CHECKER B. POPOV		
	ENGINEER R. SVOBODNY		
APPROVAL [Signature]			
COMMODITY CODE			

IDENT NO. 7032744 - 00		
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TITLE	UNIVAC
TITLE	FUNCTIONAL SCHEMATIC, ZI REGISTER BITS 10-14
CODE IDENT NO.	90536
SIZE	D
DWG NO.	7032744
SCALE	WEIGHT
SHEET	OF

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED

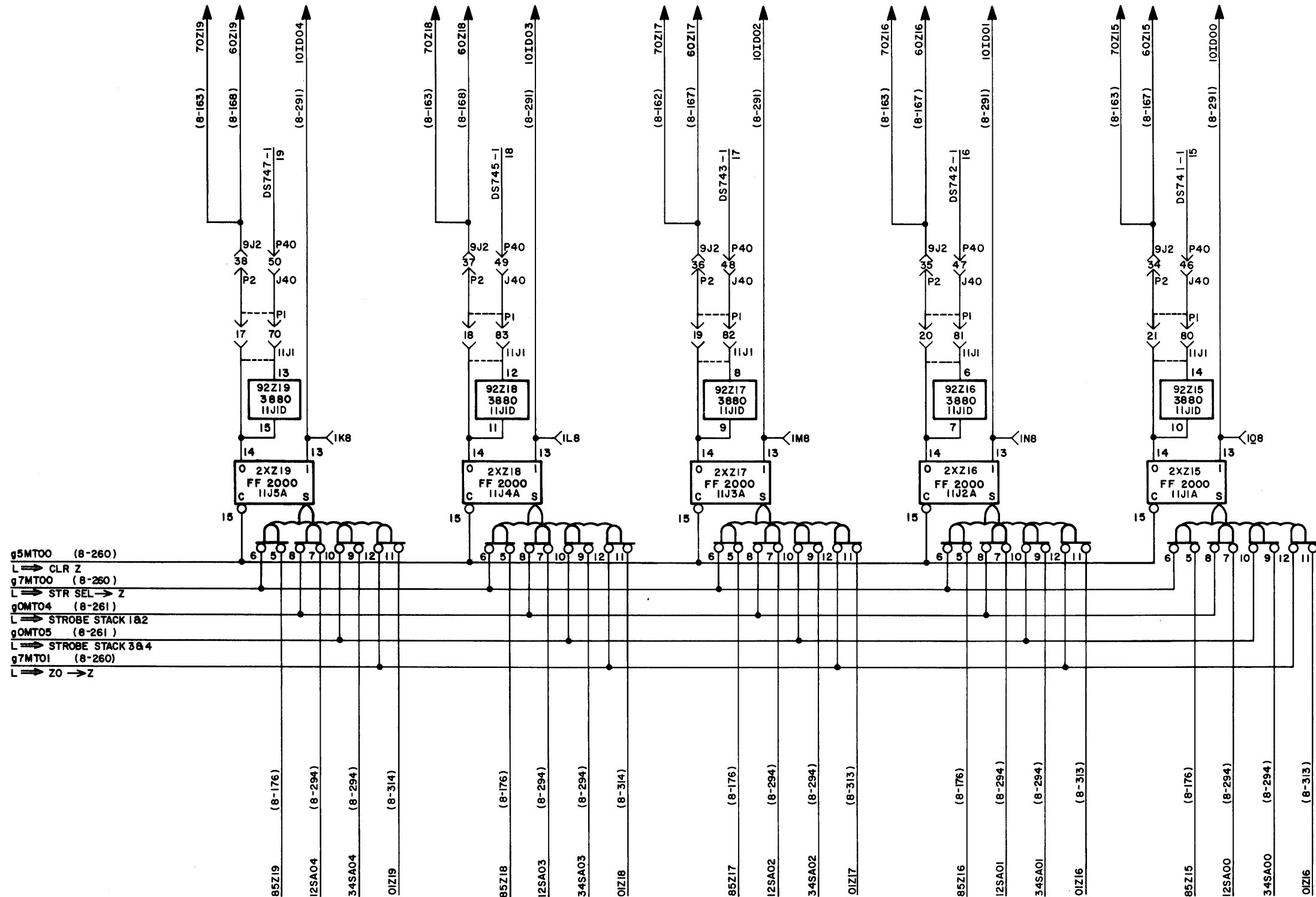


FIGURE 8-265

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
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LIST OF MATERIAL

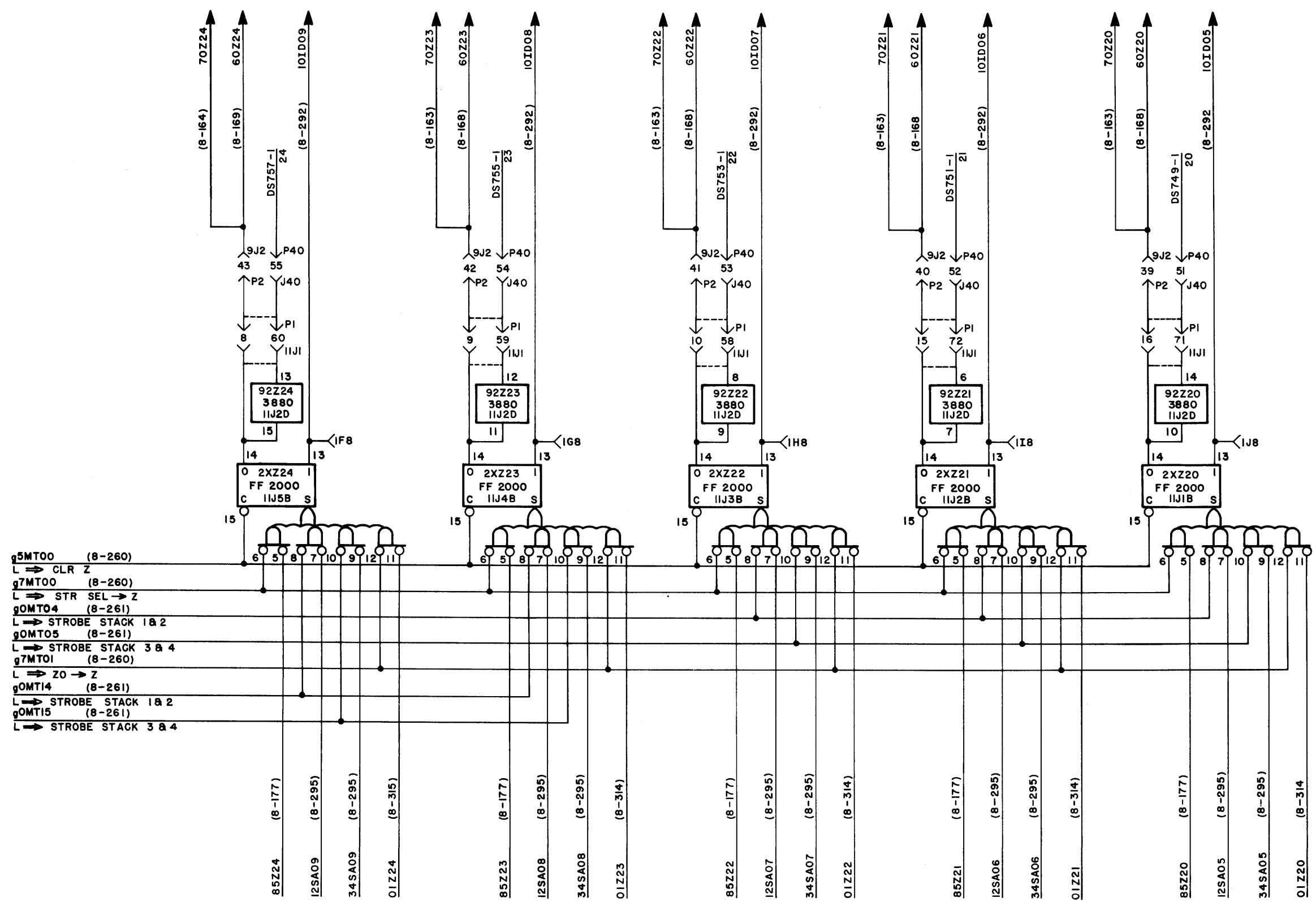
IDENT NO. 7032761-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES TOLERANCE ON		2 PLACE DECIMALS		3 PLACE DECIMALS		A	
HOLE DIAMETER TOLERANCE		0 THRU .250		.251 THRU .500		.501 & LARGER	
THREADS: EXP. CL. 2A, INT. CL. 2B		FINISH		MATERIAL		APPLICATION	
NEXT ASSY		EQUIPMENT		COMMODITY CODE		FINISH	
DRAWN		CHECKER		ENGINEER		APPROVAL	
R. BRASKI		B. POPOV		R. SVOBODNY		DATE	
2-18-65		R.P. 9-15-65		R.M. 9-15-65		9-15-65	
UNIVAC		DIVISION OF SPERRY RAND CORPORATION		TITLE		FUNCTIONAL SCHEMATIC, ZI REGISTER BITS 15-19	
CODE IDENT NO.		SIZE		DWG NO.		90536 D 7032761	
SCALE		WEIGHT		SHEET		OF	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		77403	SEE EIR		2-11-66	B. J. P.



- g5MT00 (8-260)
- L → CLR Z
- g7MT00 (8-260)
- L → STR SEL → Z
- gOMT04 (8-261)
- L → STROBE STACK 1 & 2
- gOMT05 (8-261)
- L → STROBE STACK 3 & 4
- g7MT01 (8-260)
- L → ZO → Z
- gOMT14 (8-261)
- L → STROBE STACK 1 & 2
- gOMT15 (8-261)
- L → STROBE STACK 3 & 4

FIGURE 8-266

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

UNIVAC
DIVISION OF SPERRY RAND CORPORATION

IDENT NO. 7032762 -00

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UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS	TITLE
DIMENSION IN INCHES, TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		DRAFTSMAN	2-18-65	A	
HOLE DIAMETER TOLERANCE: 0 THRU .250 +.003 .251 THRU .500 +.005 .501 & LARGER +.010		CHECKER			FUNCTIONAL SCHEMATIC, ZI REGISTER BITS 20-24
THREADS: EXPT. CL. 2A, INT. CL. 2B		ENGINEER			
MATERIAL		APPROVAL			CODE IDENT NO.
FINISH					SIZE
NEXT ASSY					DWG NO.
EQUIPMENT					90536 D 7032762
APPLICATION					SCALE
COMMODITY CODE					WEIGHT
					SHEET
					OF

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APP'D

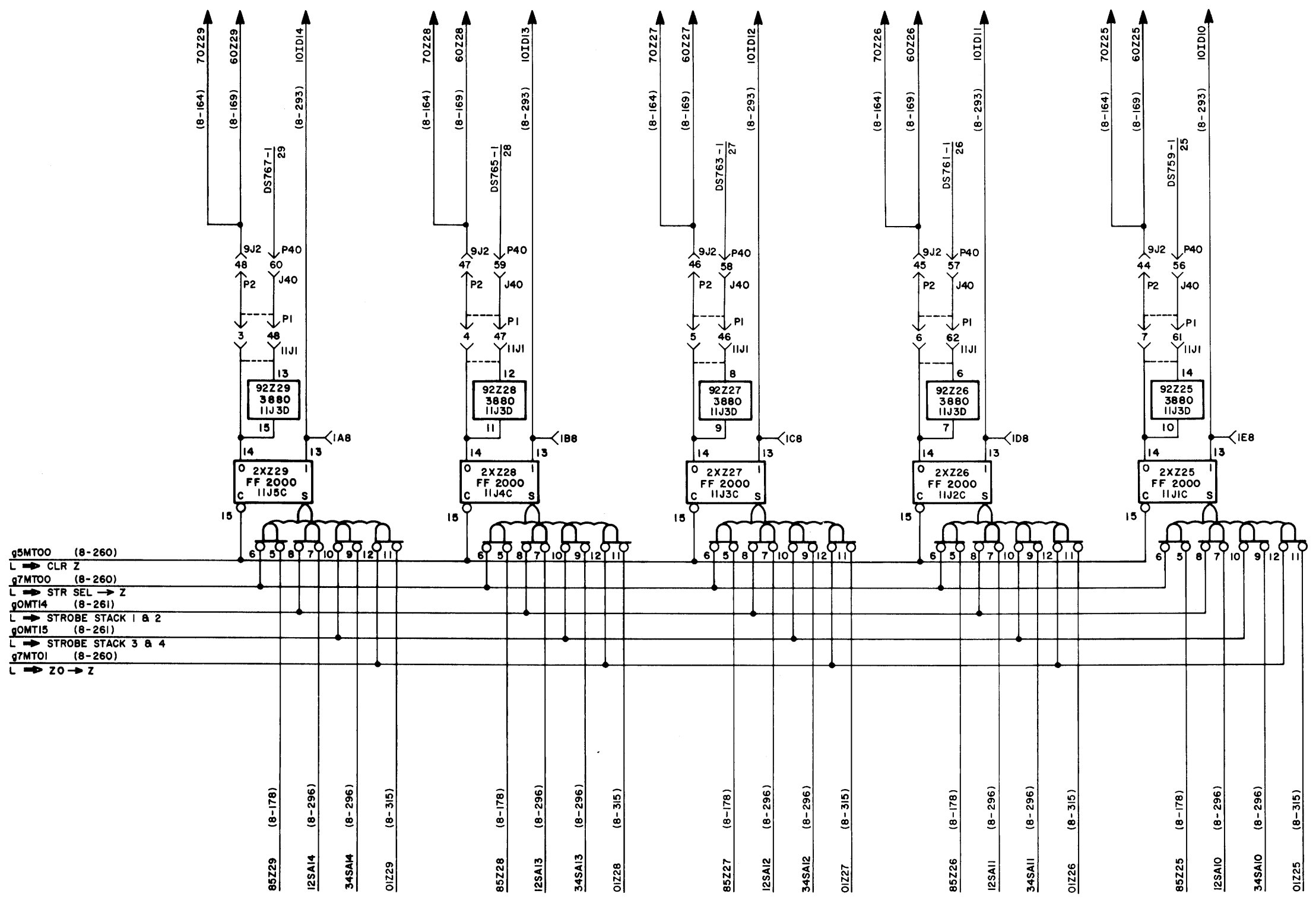


FIGURE 8-267

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	

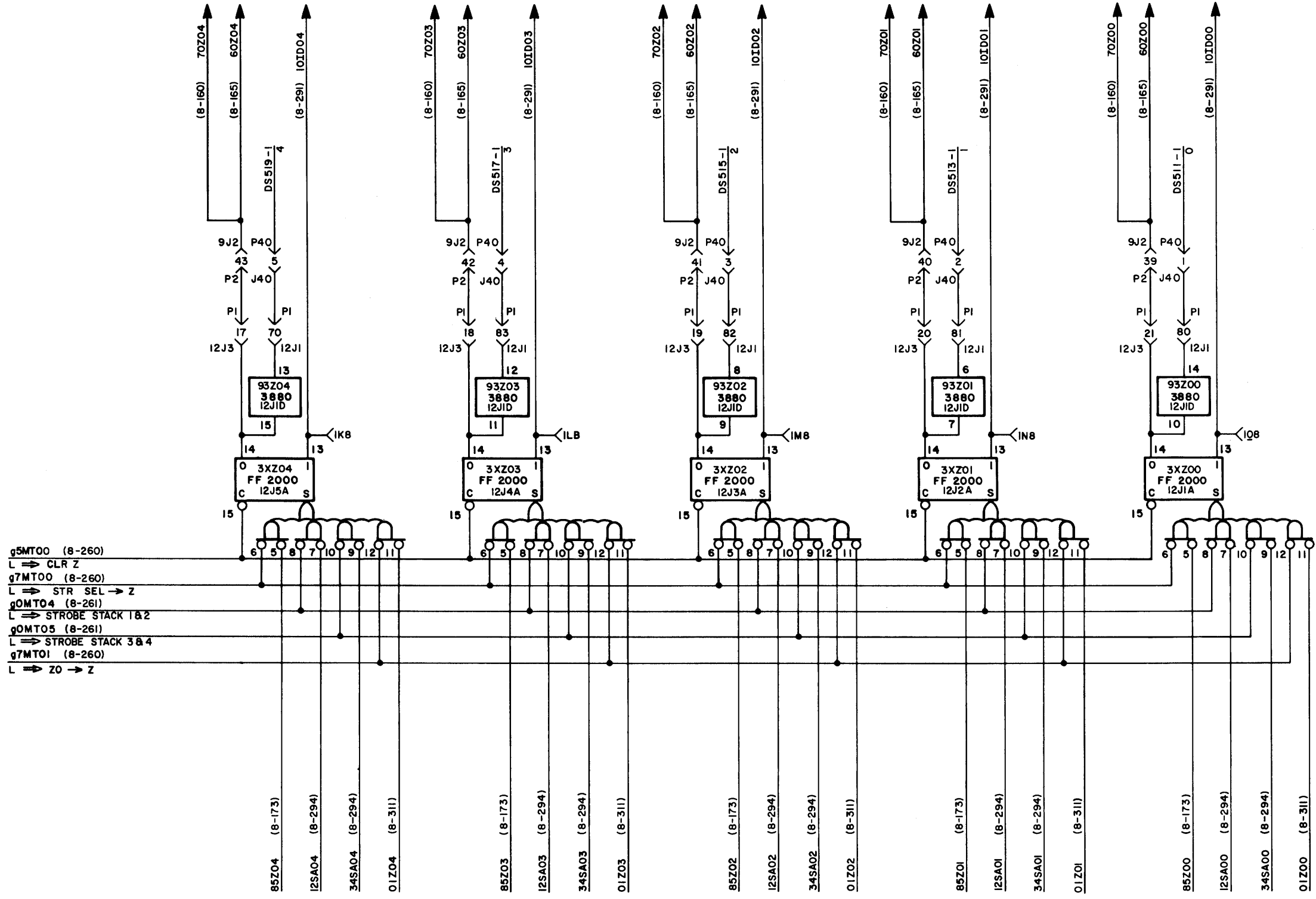
LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS ± .005 3 PLACE DECIMALS ± .001 ANGLES ± .005 HOLE DIAMETER TOLERANCE 0 THRU .250 +.003 .251 THRU .500 +.005 .501 & LARGER +.010 THREADS: EXP. CL. 2A, INT. CL. 2B	LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION
	DRAFTSMAN R. BRASKI	2-19-65	A	
	CHECKER B. POPOV	9-15-65		
ENGINEER R. SVOBODNY	9-15-65			TITLE FUNCTIONAL SCHEMATIC, ZI REGISTER BITS 25-29
APPROVAL <i>[Signature]</i>				CODE IDENT NO. 90536
				SIZE D
				DWG NO. 7032763
				SCALE
				WEIGHT
				SHEET
				OF

IDENT NO. 7032763-00

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IN THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DISCLOSED, REPRODUCED, OR IN ANY MANNER OR BY ANY MEANS FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE INDICATED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71697	SEE EIR	<i>[Signature]</i> 7/15/65



q5MTO0 (8-260)
 L → CLR Z
 q7MTO0 (8-260)
 L → STR SEL → Z
 qOMTO4 (8-261)
 L → STROBE STACK 1&2
 qOMTO5 (8-261)
 L → STROBE STACK 3&4
 q7MTO1 (8-260)
 L → ZO → Z

FIGURE 8-268

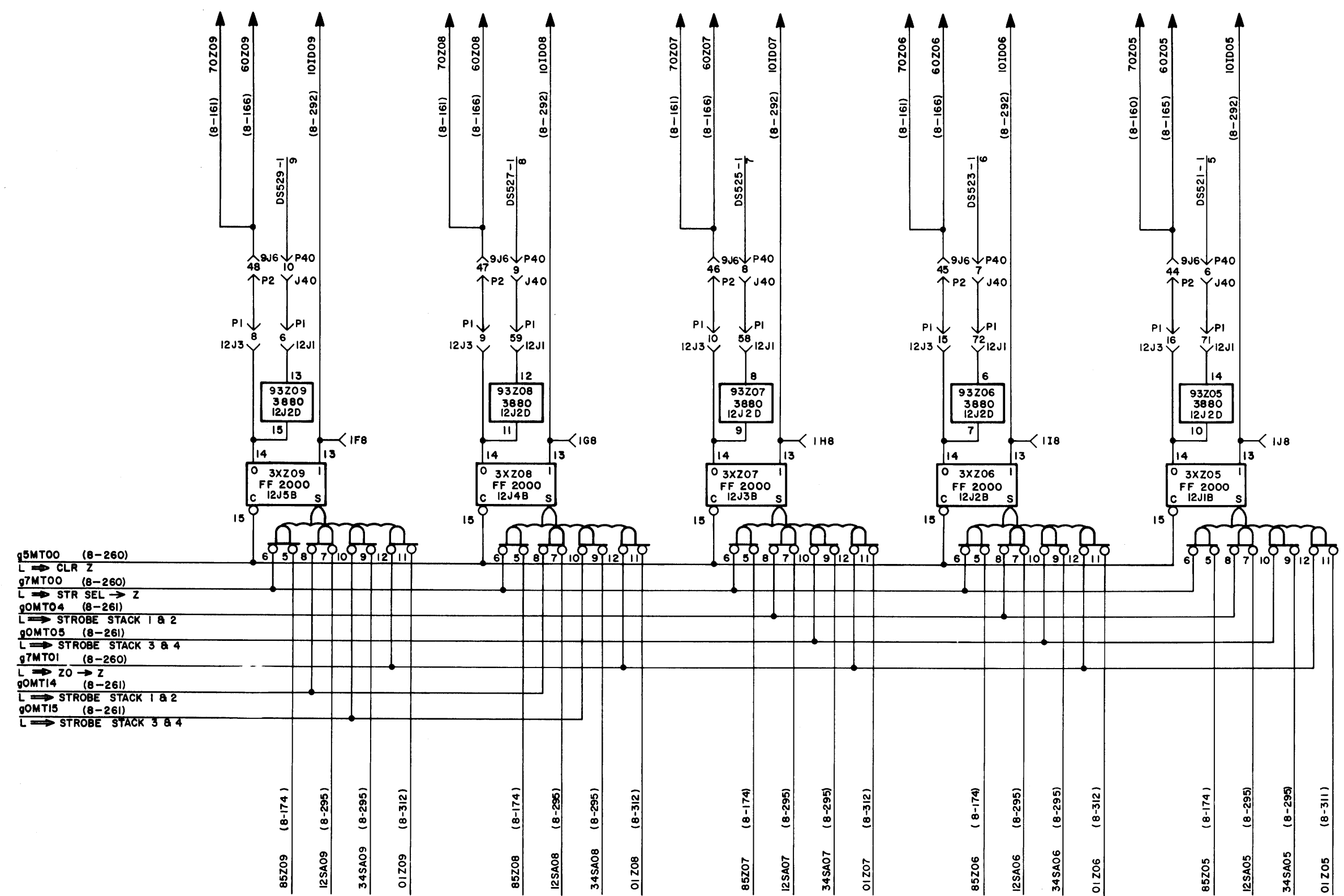
QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						

IDENT NO. 7032867-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .003 3 PLACE DECIMALS ± .0005 ANGLES ± .010		R. BRASKI		2-18-65	A
HOLE DIAMETER TOLERANCE 0 THRU .250 ± .003 .251 THRU .500 ± .005 .501 & LARGER ± .010		CHECKER B. POPOV		7-15-65	
THREADS: EXP. CL. 2A, INT. CL. 2B		ENGINEER R. SVOBODNY		7-15-65	
MATERIAL		FINISH		UNIVAC DIVISION OF SPERRY RAND CORPORATION	
NEXT ASST		EQUIPMENT		TITLE FUNCTIONAL SCHEMATIC, Z2 REGISTER BITS 00-04	
APPLICATION		COMMODITY CODE		CODE IDENT NO.	SIZE
				90536	D
				DWG NO.	7032867
				SCALE	WEIGHT
				SHEET	OF

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71697	SEE EIR			
B		77405	SEE EIR		4-25-66	



g5MT00 (8-260)
 L → CLR Z
 g7MT00 (8-260)
 L → STR SEL → Z
 gOMT04 (8-261)
 L → STROBE STACK 1 & 2
 gOMT05 (8-261)
 L → STROBE STACK 3 & 4
 g7MT01 (8-260)
 L → ZO → Z
 gOMT14 (8-261)
 L → STROBE STACK 1 & 2
 gOMT15 (8-261)
 L → STROBE STACK 3 & 4

85Z09 (8-174) 12SA09 (8-295) 34SA09 (8-295) 01Z09 (8-312)
 85Z08 (8-174) 12SA08 (8-295) 34SA08 (8-295) 01Z08 (8-312)
 85Z07 (8-174) 12SA07 (8-295) 34SA07 (8-295) 01Z07 (8-312)
 85Z06 (8-174) 12SA06 (8-295) 34SA06 (8-295) 01Z06 (8-312)
 85Z05 (8-174) 12SA05 (8-295) 34SA05 (8-295) 01Z05 (8-311)

FIGURE 8-269

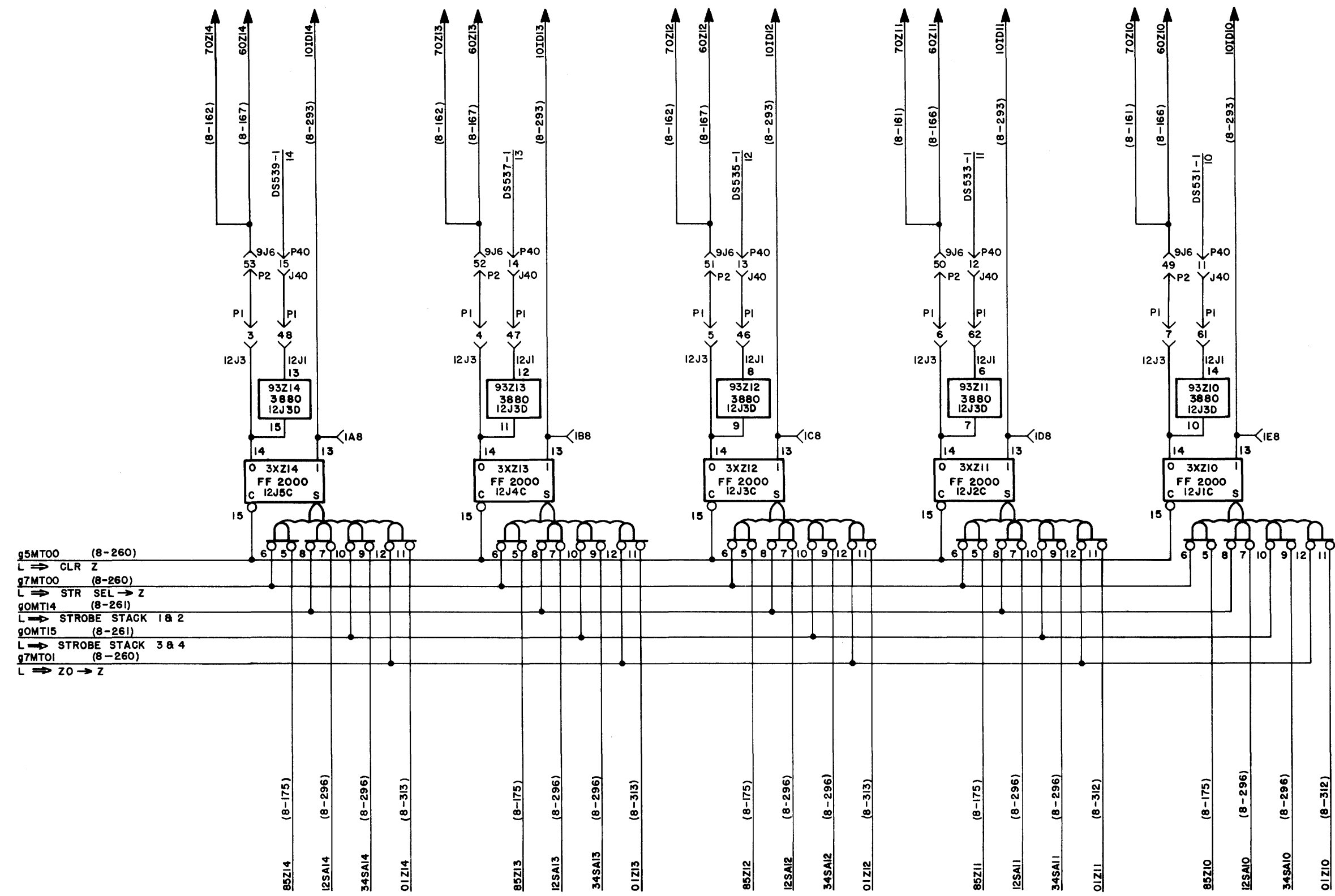
QTY	REQD	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
							IDENTIFYING NO.	
LIST OF MATERIAL								
							CLASS	A
							DATE	2-18-65
							DRAFTSMAN	R. BRASKI
							CHECKER	B. POPOV
							ENGINEER	R. SVOBODNY
							APPROVAL	<i>[Signature]</i>
							CODE IDENT NO.	90536
							SIZE	D
							DWG NO.	7032868
							SCALE	
							WEIGHT	
							SHEET	OF

IDENT NO. 7032868-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE
2 PLACE DECIMALS	± .005
3 PLACE DECIMALS	± .002
ANGLES	± .005
HOLE DIAMETER TOLERANCE	
0 THRU .250	± .003
.251 THRU .500	± .002
.501 & LARGER	± .010
THREADS: EXCEPT AS INT. CL. 2B	
MATERIAL	
FINISH	
APPLICATION	
EQUIPMENT	
COMMODITY CODE	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71697	SEE EIR			
B		77406	SEE EIR			



q5MT00 (8-260)
 L → CLR Z
 q7MT00 (8-260)
 L → STR SEL → Z
 qOMT14 (8-261)
 L → STROBE STACK 1 & 2
 qOMT15 (8-261)
 L → STROBE STACK 3 & 4
 q7MT01 (8-260)
 L → ZO → Z

FIGURE 8-270

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL

UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005	R. BRASKI	2-19-65	A
HOLE DIAMETER TOLERANCE ± .003	CHECKER		TITLE
THREADS: EXT. CL. 2A, INT. CL. 2B	B. POPOV		FUNCTIONAL SCHEMATIC, Z2 REGISTER BITS 10-14
	ENGINEER		CODE IDENT NO.
	R. SVOBODNY		90536
	APPROVAL		SIZE
			D
			DWG NO.
			7032869
			SCALE
			WEIGHT
			SHEET
			OF

IDENT NO. 7032869 - 00

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UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005	R. BRASKI	2-19-65	A
HOLE DIAMETER TOLERANCE ± .003	CHECKER		TITLE
THREADS: EXT. CL. 2A, INT. CL. 2B	B. POPOV		FUNCTIONAL SCHEMATIC, Z2 REGISTER BITS 10-14
	ENGINEER		CODE IDENT NO.
	R. SVOBODNY		90536
	APPROVAL		SIZE
			D
			DWG NO.
			7032869
			SCALE
			WEIGHT
			SHEET
			OF

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APP'D

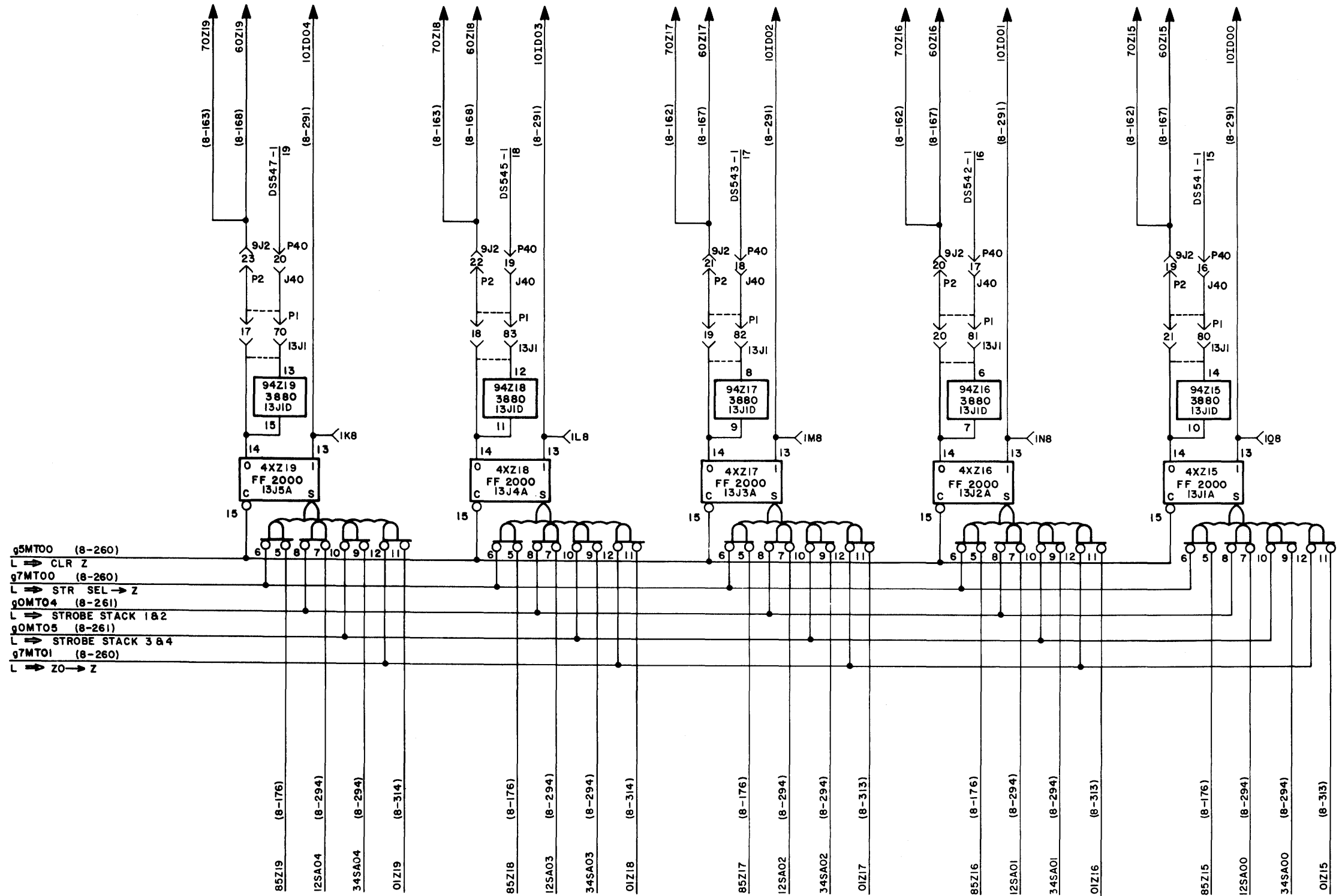


FIGURE 8-271

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
UNIVAC							
DIVISION OF SPERRY RAND CORPORATION							
LAYOUT		DATE	CLASS	TITLE			
DRAFTSMAN R. BRASKI		2-18-65	A	FUNCTIONAL SCHEMATIC, Z2 REGISTER BITS 15-19			
CHECKER B. POPOV		7-15-65		CODE IDENT NO. 90536			
ENGINEER R. SVOBODNY		7-15-65		SIZE D			
APPROVAL <i>R. S. Swo</i>				DWG NO. 7032870			
COMMODITY CODE		SCALE	WEIGHT	SHEET OF			

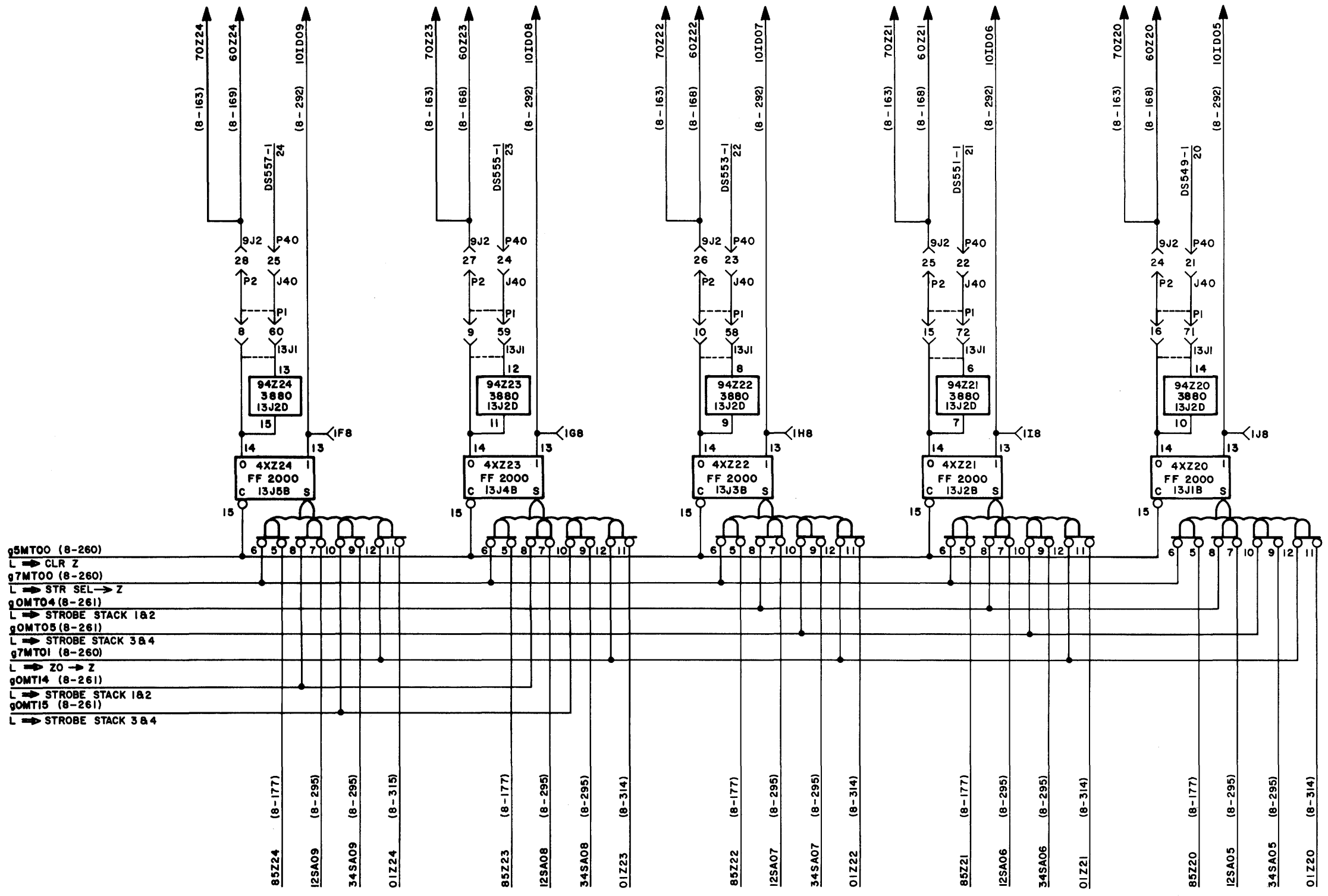
IDENT NO. 7032870-00

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UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS	DRAFTSMAN	2-18-65	A
3 PLACE DECIMALS	R. BRASKI		
ANGLES	CHECKER		
	B. POPOV		
HOLE DIAMETER TOLERANCE	ENGINEER		
0 THRU .250	R. SVOBODNY		
.251 THRU .500			
.501 & LARGER			
+ .003			
+ .010			
- .002			
- .005			
THREADS: EXPT. CL. 2A, INT. CL. 2B	APPROVAL		
	<i>R. S. Swo</i>		
MATERIAL			
FINISH			

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED



g5MT00 (8-260)
 L → CLR Z
 g7MT00 (8-260)
 L → STR SEL → Z
 gOMT04 (8-261)
 L → STROBE STACK 1&2
 gOMT05 (8-261)
 L → STROBE STACK 3&4
 g7MT01 (8-260)
 L → ZO → Z
 gOMT14 (8-261)
 L → STROBE STACK 1&2
 gOMT15 (8-261)
 L → STROBE STACK 3&4

FIGURE 8-272

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
-----	------	---------	------	-----	-------------------------	-----------------------------

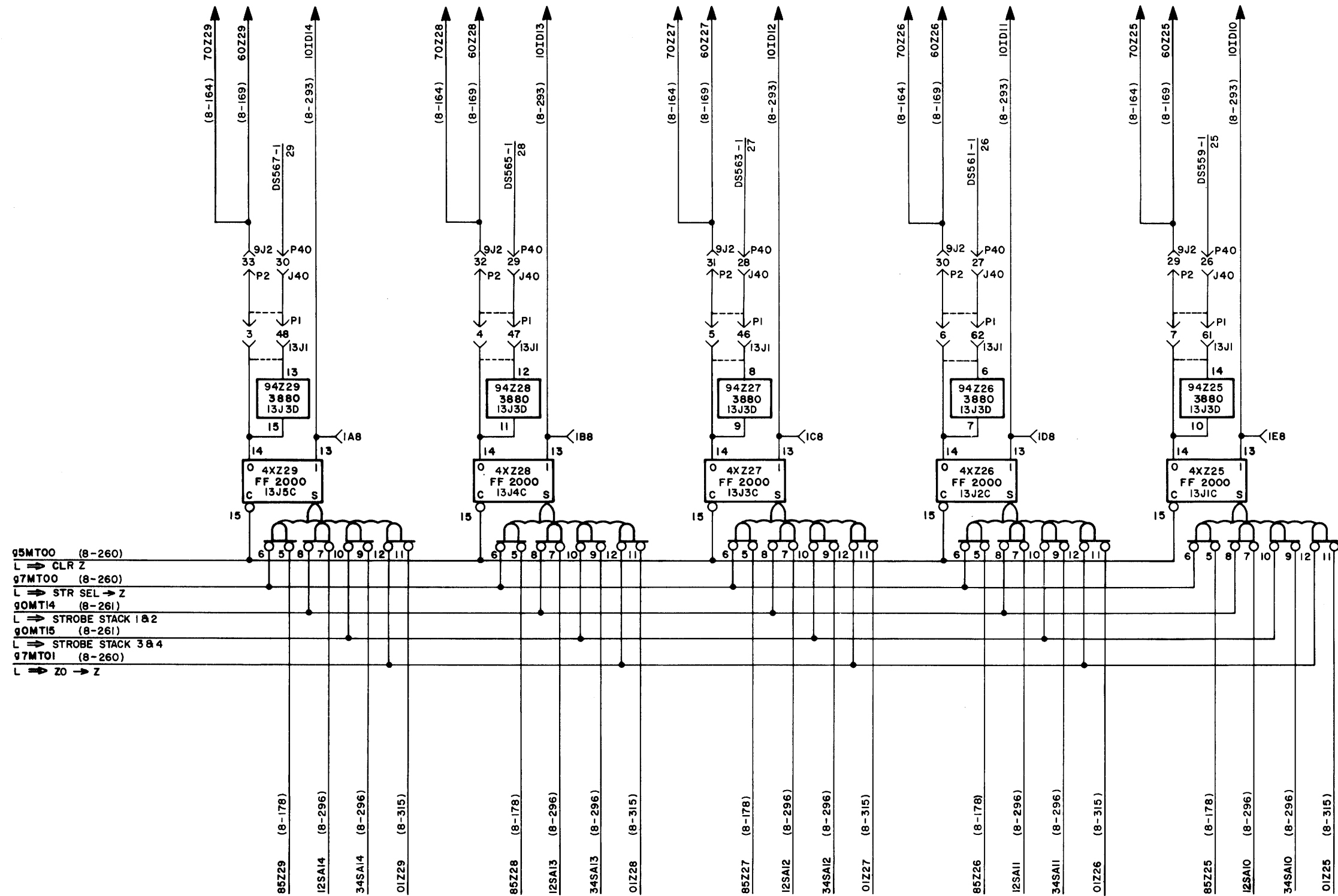
LIST OF MATERIAL

IDENT NO. 7032871-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS
DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS ± .005		R. BRASKI	2-18-65	A
HOLE DIAMETER TOLERANCE: 0 THRU .250 ± .003, .251 THRU .500 ± .005, .501 & LARGER ± .010		CHECKER		TITLE
THREADS: EXPT. CL. 2A, INT. CL. 2B		B. POPOV		FUNCTIONAL SCHEMATIC, 22 REGISTER BITS 20-24
MATERIAL		ENGINEER		CODE IDENT NO.
FINISH		R. SVOBODNY		90536
APPROVAL				SIZE
NEXT ASSY				D
EQUIPMENT				DWG NO.
APPLICATION				7032871
COMMODITY CODE				SCALE
				WEIGHT
				SHEET
				OF

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APPROVED



95MT00 (8-260)
 L → CLR Z
 97MT00 (8-260)
 L → STR SEL → Z
 90MT14 (8-261)
 L → STROBE STACK 1 & 2
 90MT15 (8-261)
 L → STROBE STACK 3 & 4
 97MT01 (8-260)
 L → ZO → Z

- 85Z29 (8-178)
- I2SAI4 (8-296)
- 34SAI4 (8-296)
- OIZ29 (8-315)
- 85Z28 (8-178)
- I2SAI3 (8-296)
- 34SAI3 (8-296)
- OIZ28 (8-315)
- 85Z27 (8-178)
- I2SAI2 (8-296)
- 34SAI2 (8-296)
- OIZ27 (8-315)
- 85Z26 (8-178)
- I2SAI1 (8-296)
- 34SAI1 (8-296)
- OIZ26 (8-315)
- 85Z25 (8-178)
- I2SAI0 (8-296)
- 34SAI0 (8-296)
- OIZ25 (8-315)

FIGURE 8-273

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	

LIST OF MATERIAL

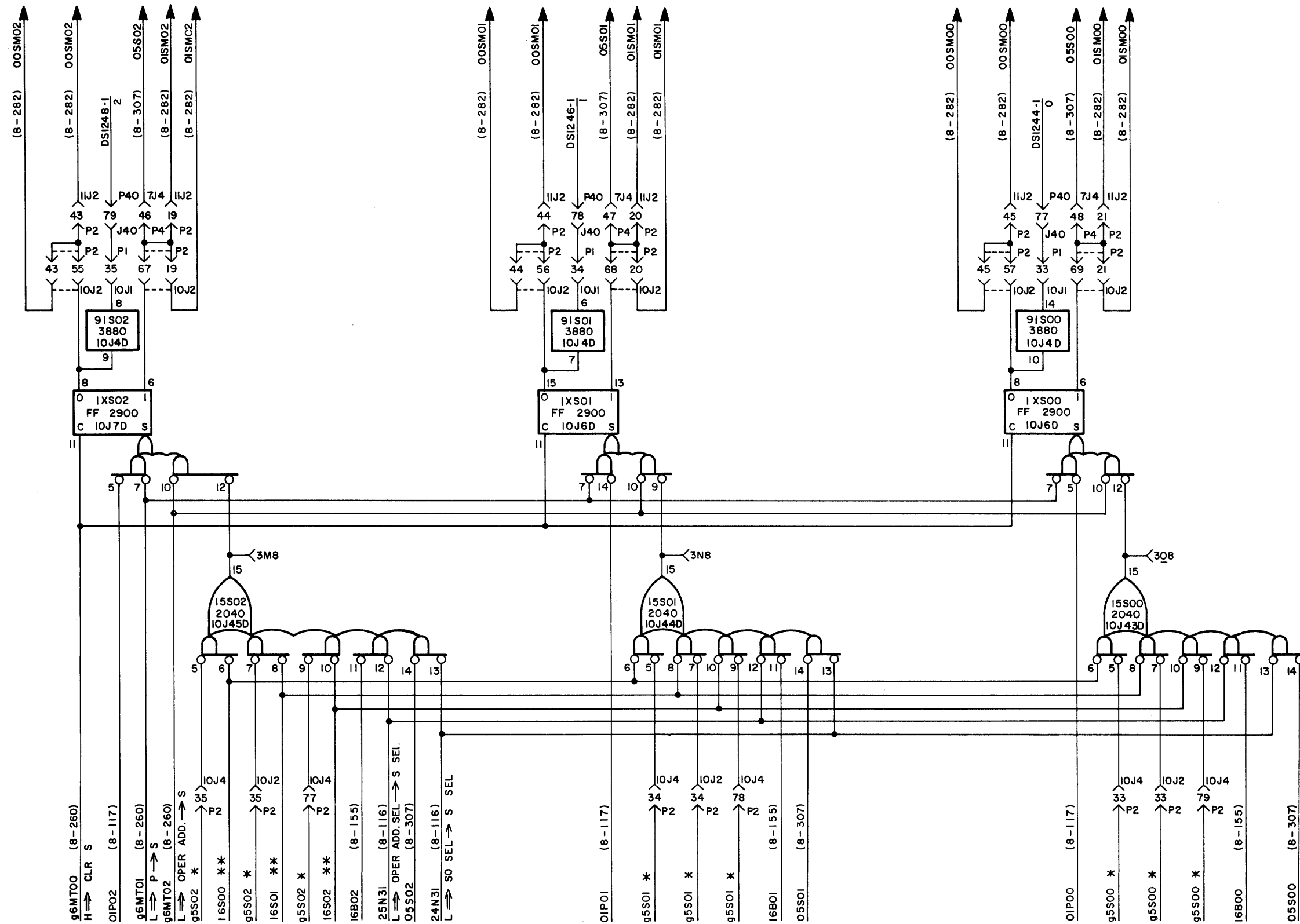
IDENT NO. 7032872-00

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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS ± .005 3 PLACE DECIMALS ± .001 ANGLES ± .010 HOLE DIAMETER TOLERANCE 0 THRU .250 ± .005 .251 THRU .500 ± .005 .501 & LARGER ± .010 THREADS: EXT CL 2A, INT CL 2B	LAYOUT	DATE	CLASS
	DRAFTSMAN R. BRASKI	2-19-65	A
	CHECKER B. POPOV		
	ENGINEER R. SVOBODNY		
NEXT ASST EQUIPMENT	APPROVAL R. W. Morgan	DATE 9-15-65	TITLE FUNCTIONAL SCHEMATIC, Z2 REGISTER BITS 25-29
APPLICATION	COMMODITY CODE	FINISH	CODE IDENT NO. 90536
			SIZE D
			DWG NO. 7032872
			SCALE
			WEIGHT
			SHEET 1 OF 1

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE
A		71697	SEE EIR		12/15/65
B		77402	SEE EIR		1/10/66



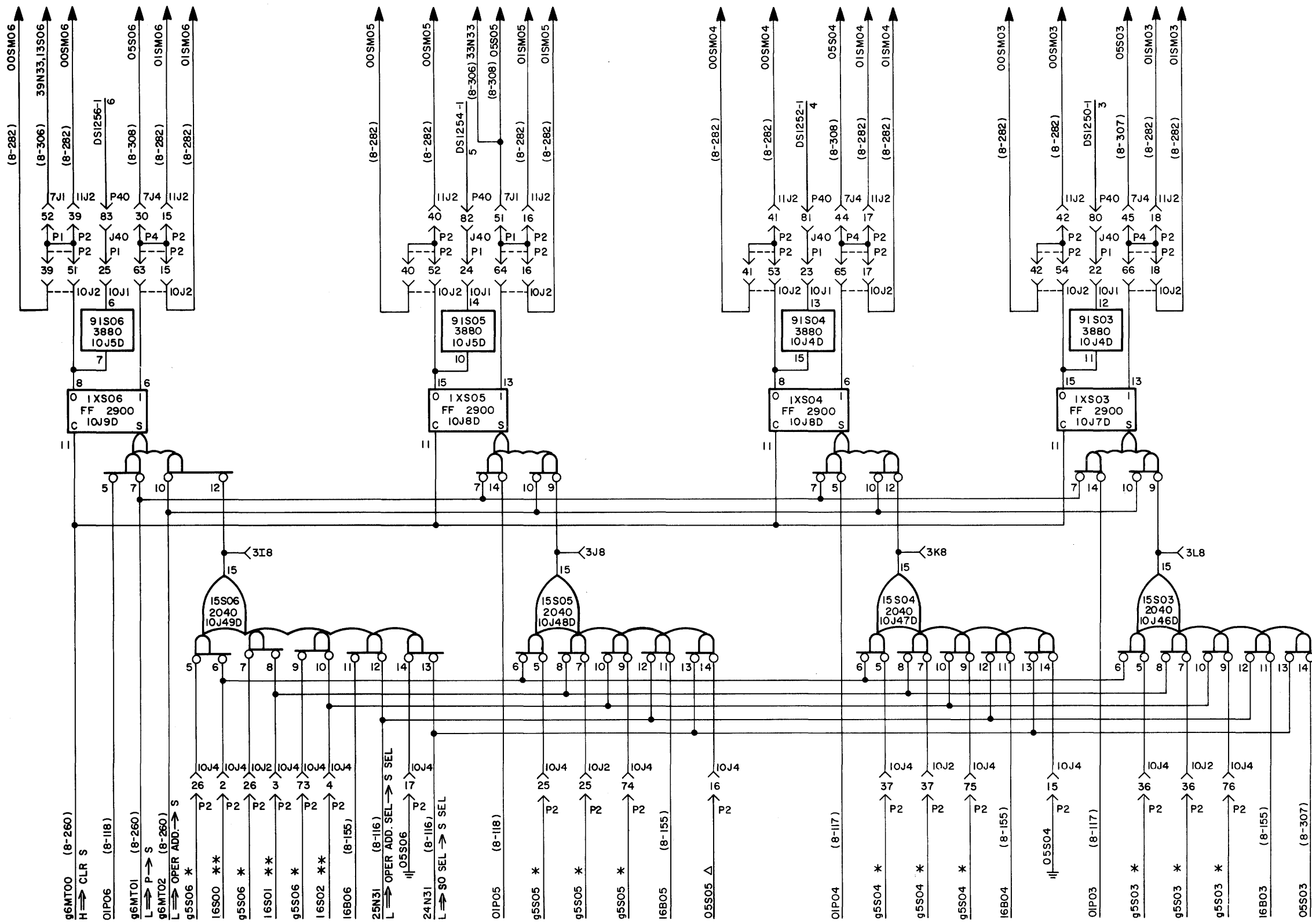
NOTE:
 1. * USED ONLY FOR EXTERNAL MEMORY.
 2. ** GROUNDED IF NOT USED FOR EXTERNAL MEMORY.

FIGURE 8-274

QTY	LINE	REF DES	CODE IDENT	SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
CLASS			UNIVAC			
DRAFTSMAN			DIVISION OF BERRY RAND CORPORATION			
D.C. WHEELER			6-9-65			
TITLE			FUNCTIONAL SCHEMATIC, SI REGISTER BITS 00 - 02			
BY			R.P. POPOV			
CHECKED			R. SVOBODNY			
DATE			9-15-65			
APPROVED			[Signature]			
CODE IDENT NO.			90536			
SIZE			D			
DWG NO.			7032740			
SCALE			WEIGHT			
SHEET			OF			

7032740-00

REVISIONS					
REV	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A		71697	SEE EIR	8/10/65	[Signature]
B		77403	SEE EIR	8/22/66	[Signature]



NOTE:
 1. * USED ONLY FOR EXTERNAL MEMORY.
 2. ** GROUND IF NOT USED FOR EXTERNAL MEMORY.
 3. Δ NOT USED ON CHAS IO.

FIGURE 8-275

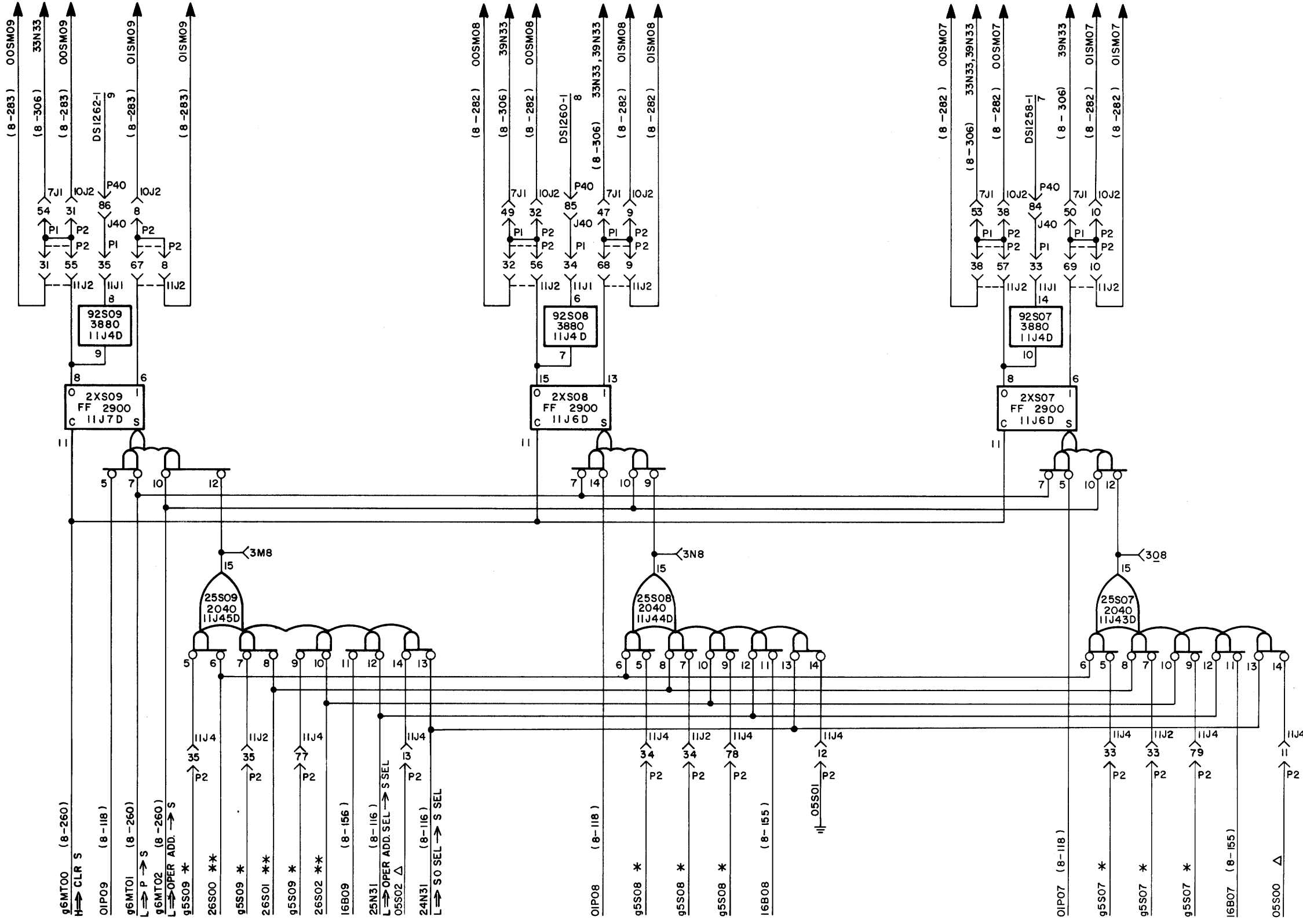
IDENT NO: 7032748-00

REV	LINE	REF DES	CODE IDENT	QWG SIZE	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL			
REV	LINE	REF DES	CODE IDENT

DATE	CLASS	UNIVAC DIVISION OF BERRY AND COMPANY, INC.	
6-9-65	A		
DESIGNED BY D.C. WHEELER	TITLE	FUNCTIONAL SCHEMATIC, SI REGISTER BITS 03-06	
CHECKED BY B. POPOV			
APPROVED BY R. SVOBODNY			
DATE 8/15/65	CODE IDENT NO	SIZE	DWG NO.
	90536	D	7032748
SCALE	WEIGHT	SHEET OF	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71697	SEE EIR			
B		77403	SEE EIR			



NOTE:
 1.* USED ONLY FOR EXTERNAL MEMORY
 2.** GROUNDING IF NOT USED FOR EXTERNAL MEMORY.
 3.Δ NOT USED ON CHAS 11.

FIGURE 8-276

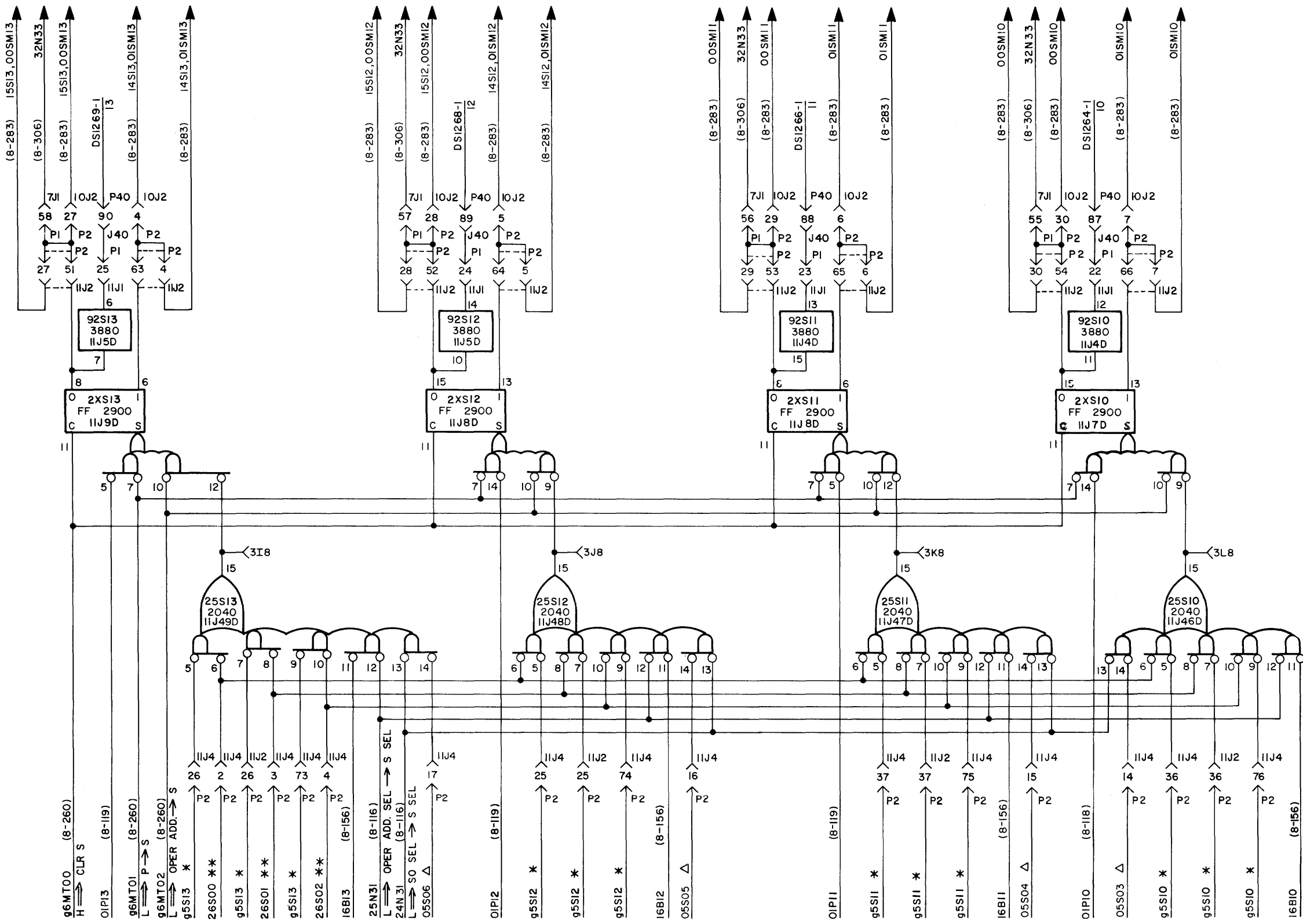
QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO	
LIST OF MATERIAL						
			DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION	
			6-9-65	A	TITLE	
			FUNCTIONAL SCHEMATIC, SI REGISTER BITS 07-09			
			CODE IDENT NO.	SIZE	DWG NO	
			90536	D	7032741	
			SCALE	WEIGHT	SHEET OF	

IDENT NO. 7032741-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION
 AND IS SUBJECT TO THE PROVISIONS OF EXECUTIVE ORDER
 11652, WHICH RESTRICTS THE DISSEMINATION OF THIS
 INFORMATION TO PERSONS AUTHORIZED BY THE
 DIVISION OF SYSTEMS MANAGEMENT.

DRAFTSMAN D.C. WHEELER		DATE 6-9-65
CHECKER B. POPOV		DATE 9-15-65
ENGINEER R. SVOBODNY		DATE 9-15-65
APPROVAL <i>[Signature]</i>		

REVISIONS					
SYM	DATE	EIR	DESCRIPTION	APP'D	DATE
A	71697		SEE EIR		
B	77403		SEE EIR		



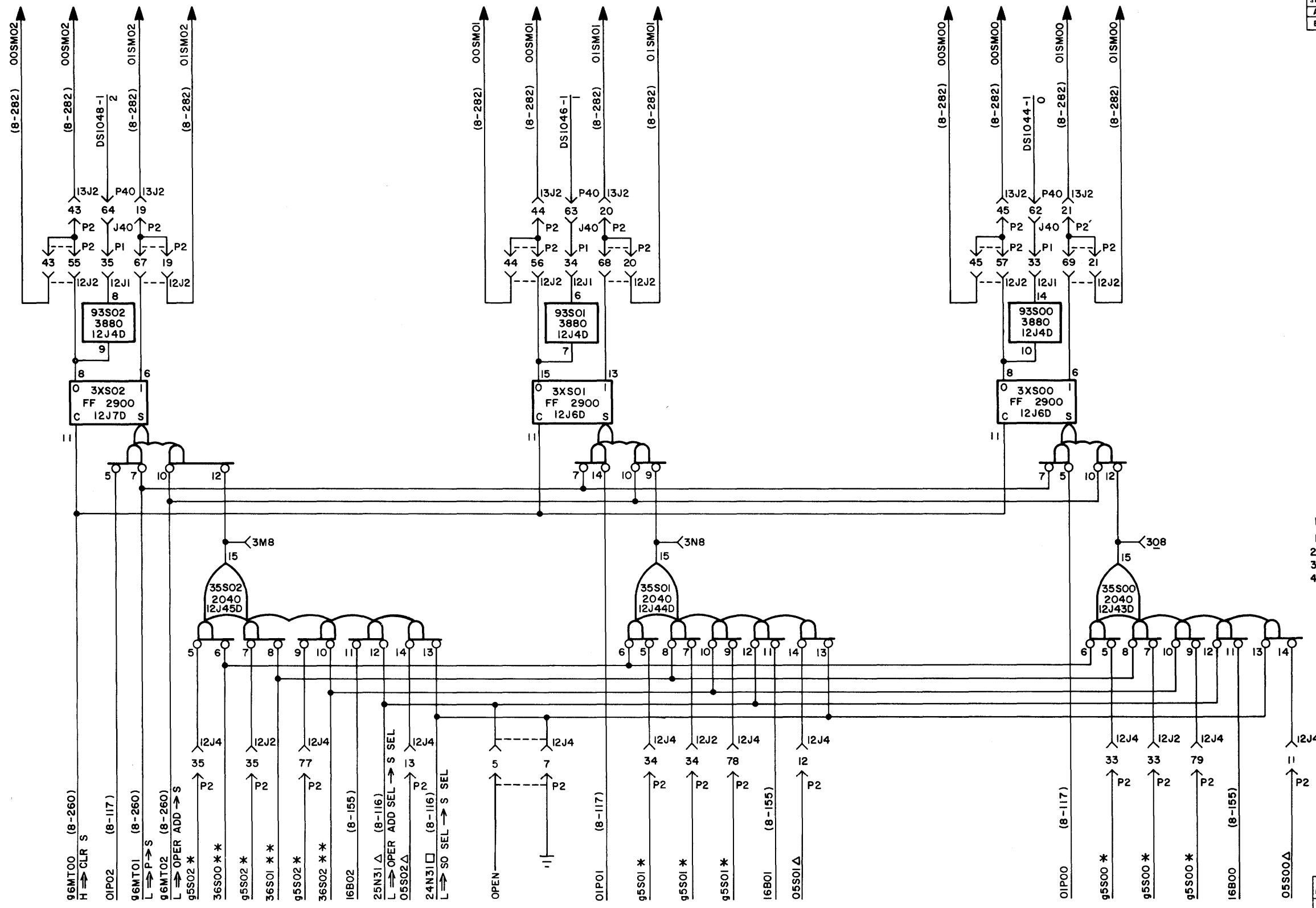
NOTE:
 1. * USED ONLY FOR EXTERNAL MEMORY
 2. ** GROUNDED IF NOT USED FOR EXTERNAL MEMORY.
 3. Δ NOT USED ON CHAS 11.

FIGURE 8-277

IDB NO. 7032764-00

QTY	UNIT	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO	
LIST OF MATERIAL						
			CLASS	UNIVAC		
			A	DIVISION OF BERRY RAND CORPORATION		
			TITLE			
			FUNCTIONAL SCHEMATIC, SI REGISTER BITS 10-13			
			DATE	DATE		
			6-9-65	9-15-65		
			DESIGNED BY			
			B. POPOV			
			CHECKED BY			
			R. SVOBODNY			
			DATE			
			9-15-65			
			APPROVED BY			
			[Signature]			
			CODE IDENT NO	SIZE	DWG NO	
			90536	D	7032764	
			SCALE	WEIGHT		SHEET OF

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71697	SEE EIR		10/12/54	
B		77405	SEE EIR		4-25-66	BZ/P



- NOTE:
- * USED ONLY FOR EXTERNAL MEMORY.
 - ** GROUNDING IF NOT USED FOR EXTERNAL MEMORY.
 - △ NOT USED ON CHASSIS 12.
 - THIS NET GROUNDING ON CHASSIS 12 AND 13 ONLY.

FIGURE 8-278

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES	TOLERANCE ON 2 PLACE DECIMALS	TOLERANCE ON 3 PLACE DECIMALS	ANGLES
	±	±	±
HOLE DIAMETER TOLERANCE			
0 THRU .250	± .013	.251 THRU .500	± .010
		.501 & LARGER	± .010
			± .005
THREADS: EX. CL. 2A, INT. CL. 2B			
MATERIAL			
FINISH			

LAYOUT	DATE	CLASS
DRAFTSMAN D.C. WHEELER	6-9-65	A
CHECKER B. POPOV		
ENGINEER R. SVOBODNY		
APPROVAL <i>Rud 9-15-65</i>		

LIST OF MATERIAL			
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7032863	
SCALE	WEIGHT	SHEET 1 OF 1	

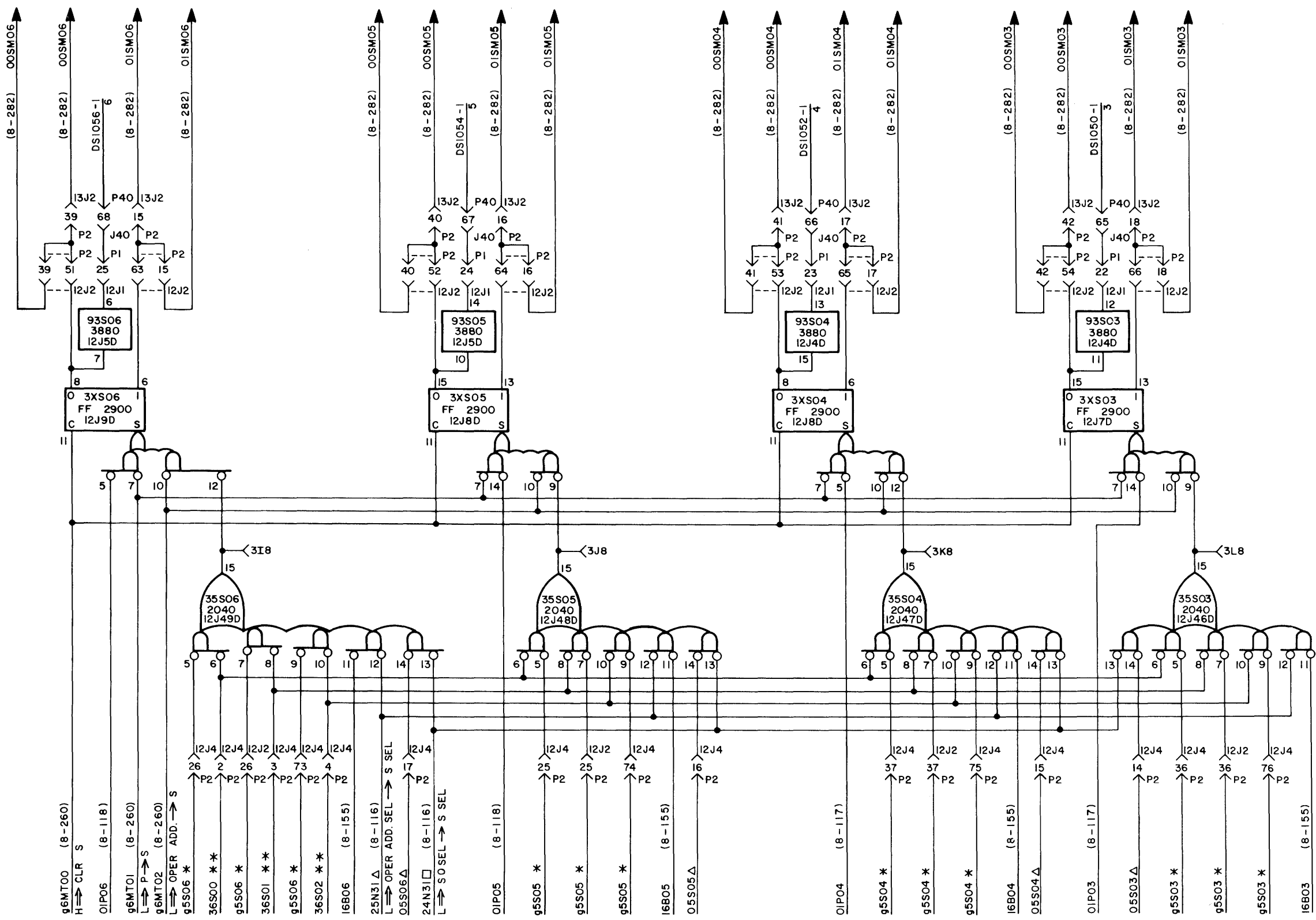
IDENT NO. 7032863 - 00

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APPLICATION	COMMODITY CODE

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71698	SEE EIR			
B		77405	SEE EIR		4-25-66	



- NOTE:
- * USED ONLY FOR EXTERNAL MEMORY.
 - ** GROUNDING IF NOT USED FOR EXTERNAL MEMORY.
 - △ NOT USED ON CHASSIS I2.
 - THIS NET GROUNDING ON CHASSIS I2 AND I3 ONLY.

FIGURE 8-279

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL			
CLASS	A	UNIVAC	
TITLE	FUNCTIONAL SCHEMATIC, S2 REGISTER BITS 03-06		
DATE	6-9-65	SIZE	D
CODE IDENT NO.	90536	DWG NO.	7032864

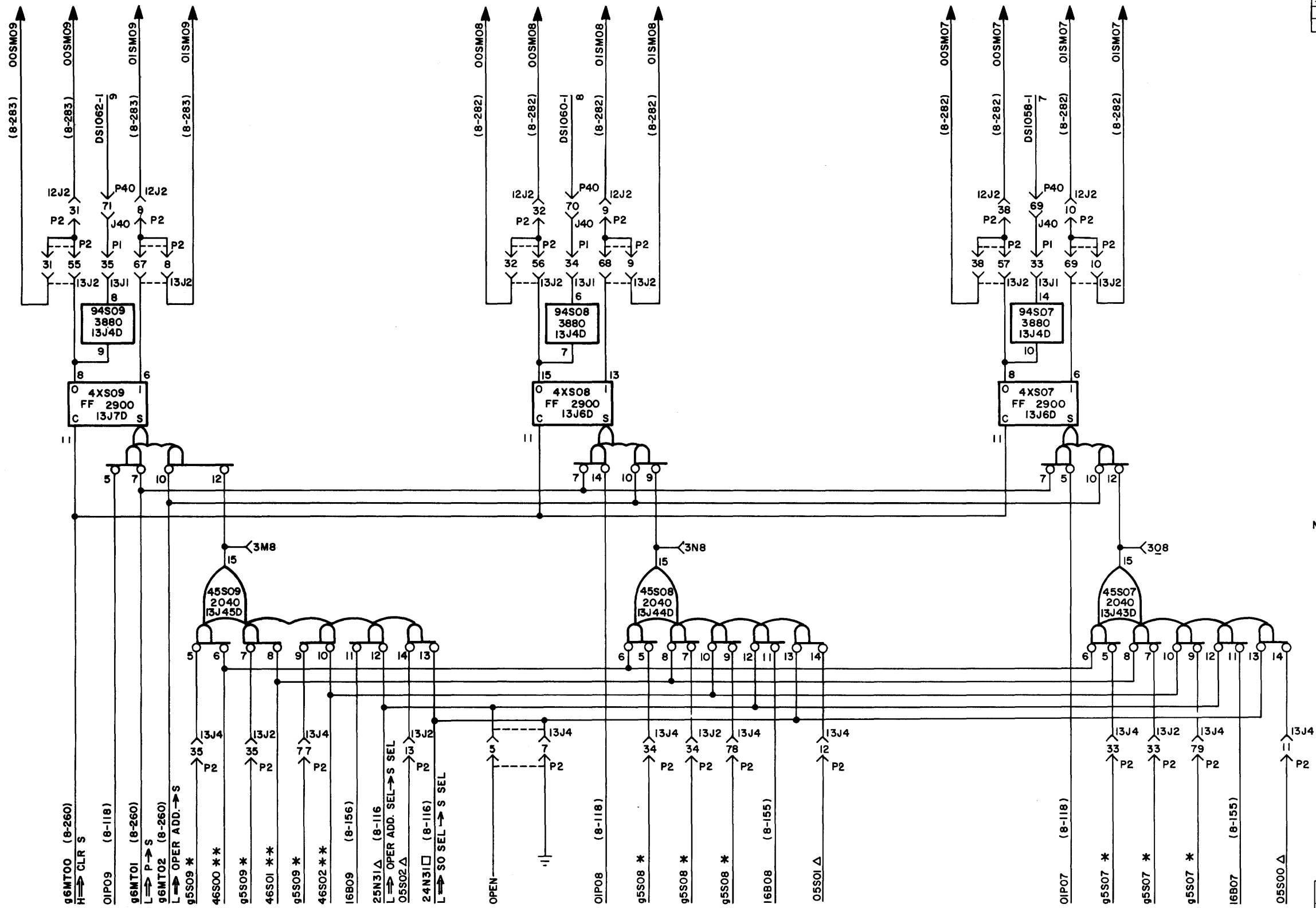
IDENT NO. 7032864-00

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UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS	DRAFTSMAN	6-9-65	A
3 PLACE DECIMALS	D.C. WHEELER		
ANGLES	CHECKER		
HOLE DIAMETER TOLERANCE	B. POPOV		
0 THRU .250	ENGINEER		
.003	R. SVOBODNY		
.251 THRU .500	APPROVAL		
.005			
.501 & LARGER			
+.010			
-.002			
THREADS: EX. CL. 2A, INT. CL. 2B			
MATERIAL			
FINISH			

NEXT ASSY	EQUIPMENT
APPLICATION	
COMMODITY CODE	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71698	SEE EIR	B. POPOV 9-15-65
B		77405	SEE EIR	R. SVOBODNY 9-15-65



NOTE:
 1. * USED ONLY FOR EXTERNAL MEMORY
 2. * * GROUNDED IF NOT USED FOR EXTERNAL MEMORY.
 3. Δ NOT USED ON CHASSIS 13.
 4. □ THIS NET GROUNDED ON CHASSIS 12 AND 13 ONLY.

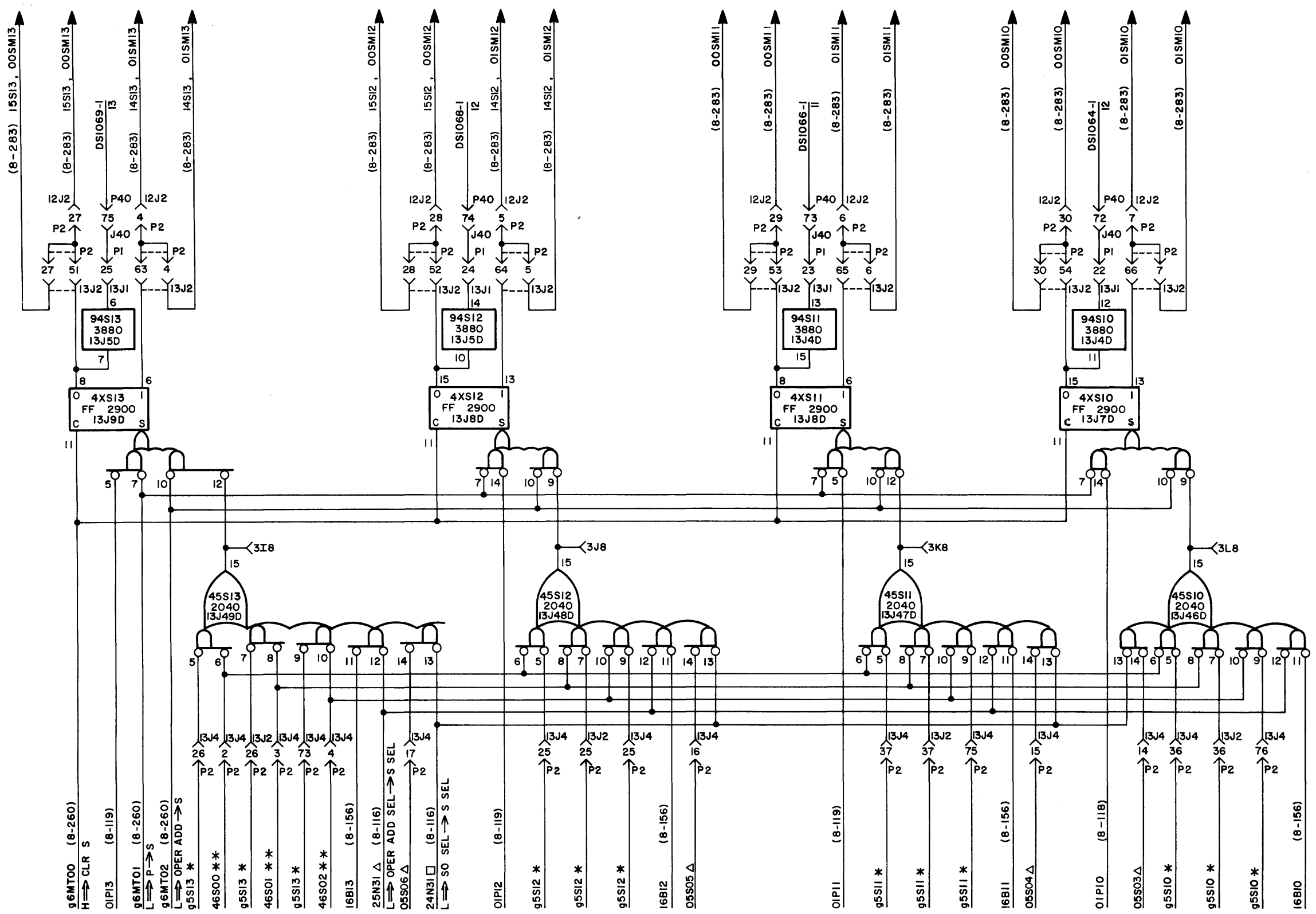
FIGURE 8-280

IDENT NO. 7032865-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON		DRAFTSMAN		6-9-65		A	
2 PLACE DECIMALS		D.C. WHEELER				TITLE	
3 PLACE DECIMALS		CHECKER		9-15-65		FUNCTIONAL SCHEMATIC,	
ANGLES		B. POPOV		9-15-65		S2 REGISTER	
HOLE DIAMETER TOLERANCE		ENGINEER		9-15-65		BITS 07-09	
0 THRU .250 +.003		R. SVOBODNY				CODE IDENT NO.	
.251 THRU .500 +.005		APPROVA		9-15-65		SIZE	
.501 & LARGER +.010		D. W. WHEELER				DWG NO.	
- .002 - .005		COMMODITY CODE				90536	
THREADS: EXPT. CL. 2A, INT. CL. 2B		FINISH				D	
MATERIAL		SCALE				WEIGHT	
		SHEET		OF		7032865	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71698	SEE EIR			
B		77405	SEE EIR			



NOTE:
 1. * USED ONLY FOR EXTERNAL MEMORY
 2. ** GROUNDED IF NOT USED FOR EXTERNAL MEMORY.
 3. Δ NOT USED ON CHASSIS 13.
 4. □ THIS NET GROUNDED ON CHASSIS 12 AND 13 ONLY.

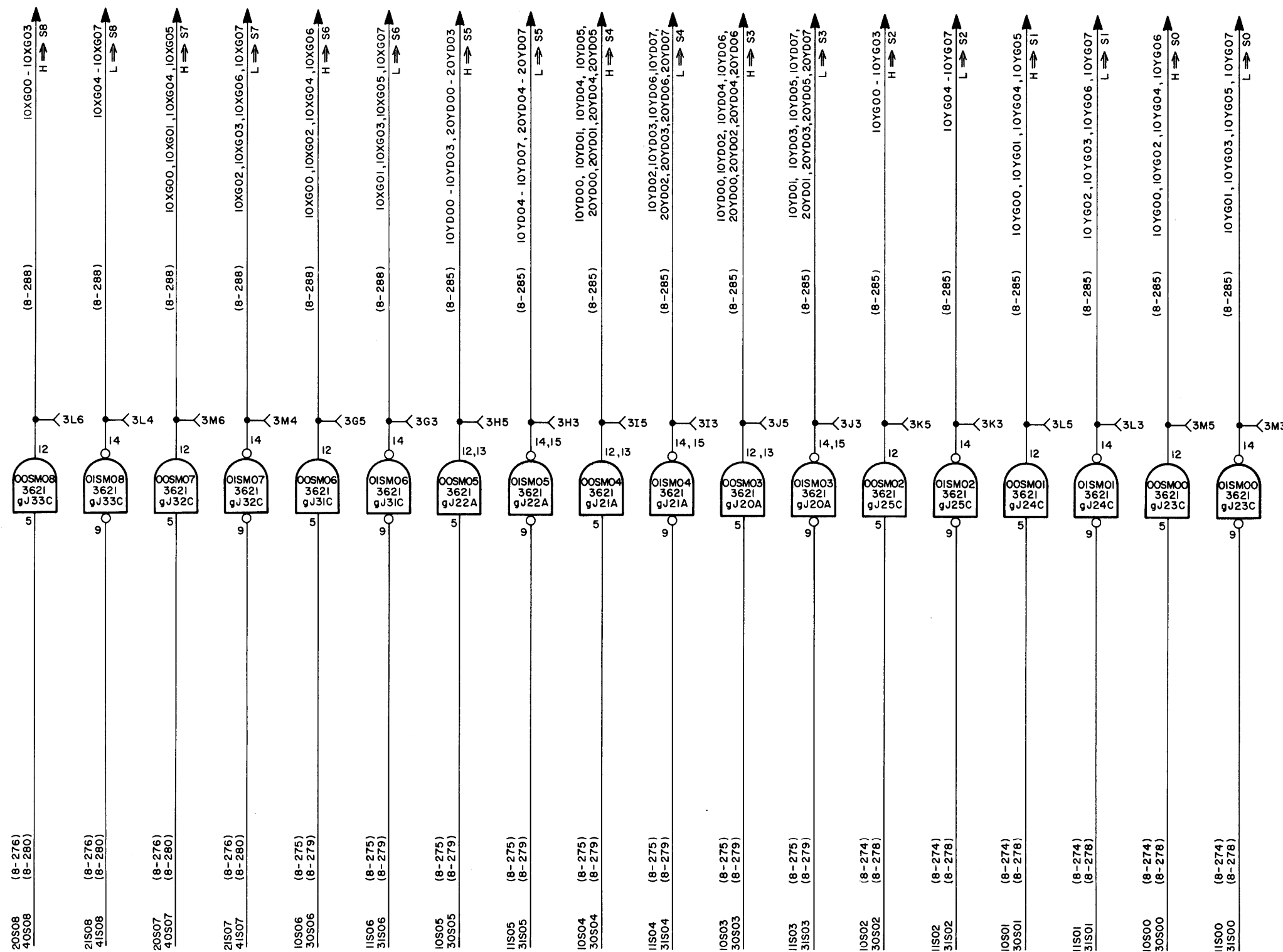
FIGURE 8-281

QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL			
UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS	DRAFTSMAN		A
± .003	D.C. WHEELER	6-9-65	
HOLE DIAMETER TOLERANCE	CHECKER		
0 THRU .250 ± .003	B. POPOV		
.251 THRU .500 ± .005	ENGINEER		
.501 & LARGER ± .010	R. SVOBODNY		
THREADS: EX. CL. 2A, INT. CL. 2B	APPROVAL		
MATERIAL			
FINISH			
IDENT NO. 7032866-00	COMMODITY CODE	APPLICATION	
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CODE IDENT NO.	SIZE	DWG NO.
90536	D	7032866

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			



NOTE:

g	CHASSIS	REGISTER	INPUT
1	A10	S1 - LOWER	BITS 0 - 6
2	A11	S1 - UPPER	BITS 7 - 13
3	A12	S2 - LOWER	BITS 0 - 6
4	A13	S2 - UPPER	BITS 7 - 13

- 20S08 (8-276)
40S08 (8-280)
- 21S08 (8-276)
41S08 (8-280)
- 20S07 (8-276)
40S07 (8-280)
- 21S07 (8-276)
41S07 (8-280)
- 10S06 (8-275)
30S06 (8-279)
- 11S06 (8-275)
31S06 (8-279)
- 10S05 (8-275)
30S05 (8-279)
- 11S05 (8-275)
31S05 (8-279)
- 10S04 (8-275)
30S04 (8-279)
- 11S04 (8-275)
31S04 (8-279)
- 10S03 (8-275)
30S03 (8-279)
- 11S03 (8-275)
31S03 (8-279)
- 10S02 (8-274)
30S02 (8-278)
- 11S02 (8-274)
31S02 (8-278)
- 10S01 (8-274)
30S01 (8-278)
- 11S01 (8-274)
31S01 (8-278)
- 10S00 (8-274)
30S00 (8-278)
- 11S00 (8-274)
31S00 (8-278)

FIGURE 8-282

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	

IDENT NO. 7032749 - 00

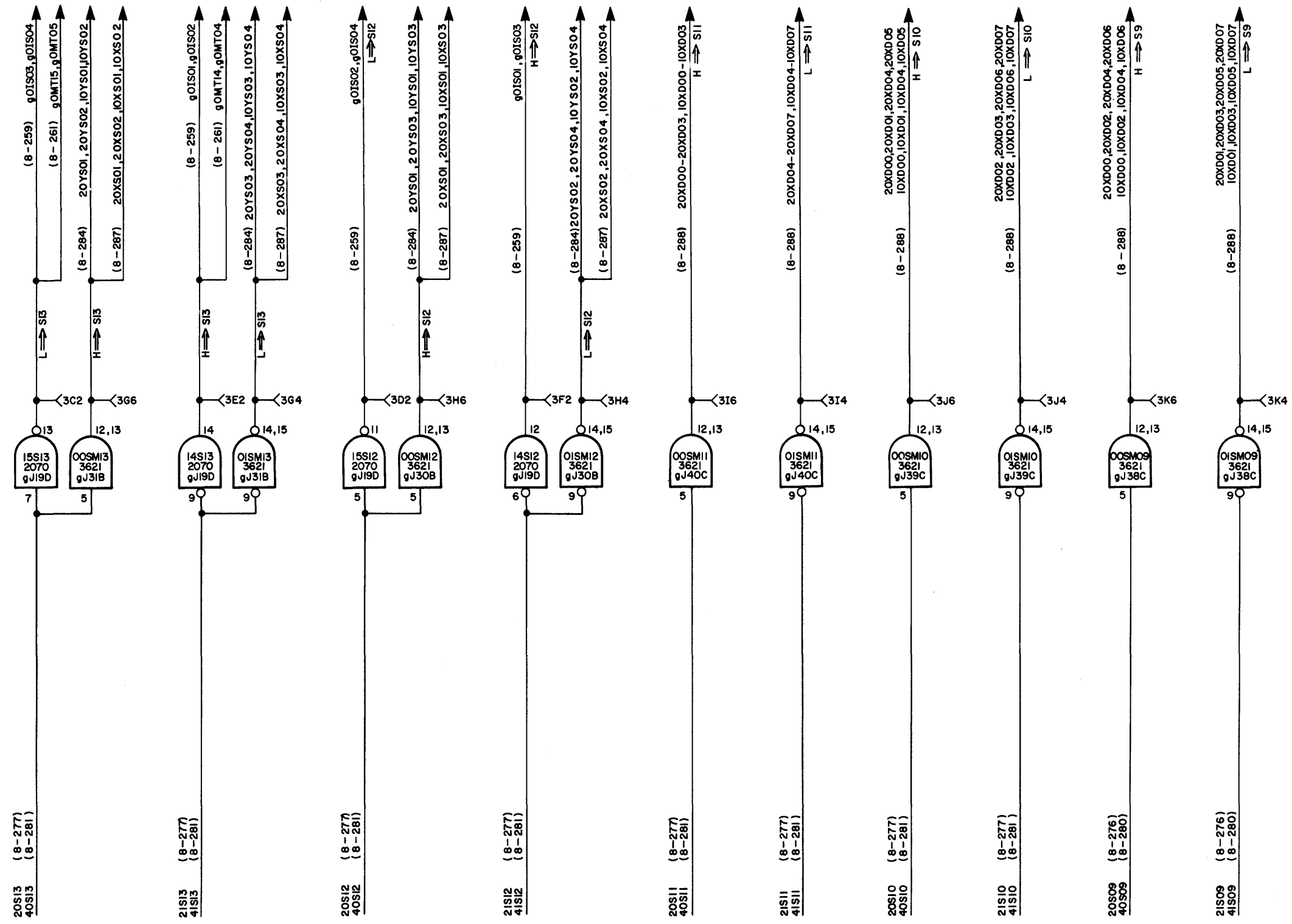
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UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES TOLERANCE OR 2 PLACE DECIMALS	R. M. BECKMAN	8-19-65	A
3 PLACE DECIMALS	CHECKER		
ANGLES	B. POPOV		
HOLE DIAMETER TOLERANCE	ENGINEER		
0 THRU .250	R. SVOBODNY		
.251 THRU .500	APPROVAL		
.501 & LARGER			
THREADS: EXT. CL. 2A, INT. CL. 2B			
MATERIAL			
FINISH			

LIST OF MATERIAL			
UNIVAC			
DIVISION OF SPERRY RAND CORPORATION			
FUNCTIONAL SCHEMATIC, S REGISTER SLAVES			
BITS 00 - 08			
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7032749	
SCALE	WEIGHT	SHEET OF	

REVISIONS			
SYM	ZONE	DESCRIPTION	DATE



NOTE:

Q	CHASSIS	REGISTER	INPUT
1	A10	S1 - LOWER	BITS 0-6
2	A11	S1 - UPPER	BITS 7-13
3	A12	S2 - LOWER	BITS 0-6
4	A13	S2 - UPPER	BITS 7-13

FIGURE 8-283

IDENT NO. 7032750-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES, TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		8-19-65		A	
HOLD DIAMETER TOLERANCE		D. STATTS		CHECKER		TITLE	
0 THRU .250 +.003		B. POPOV		ENGINEER		FUNCTIONAL SCHEMATIC, S REGISTER SLAVES BITS 09-13	
.251 THRU .500 +.005		R. SVOBODNY		APPROVAL		CODE IDENT NO. 90536	
.501 & LARGER +.010		R. SVOBODNY		FINISH		SIZE D	
THREADS: EXT. CL. 2A, INT. CL. 2B		COMMODITY CODE		7032750		DWG NO. 7032750	
MATERIAL		APPLICATION		SCALE		WEIGHT	
NEXT ASSY		EQUIPMENT		SHEET		OF 1	

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		7169B	SEE EIR			<i>[Signature]</i>

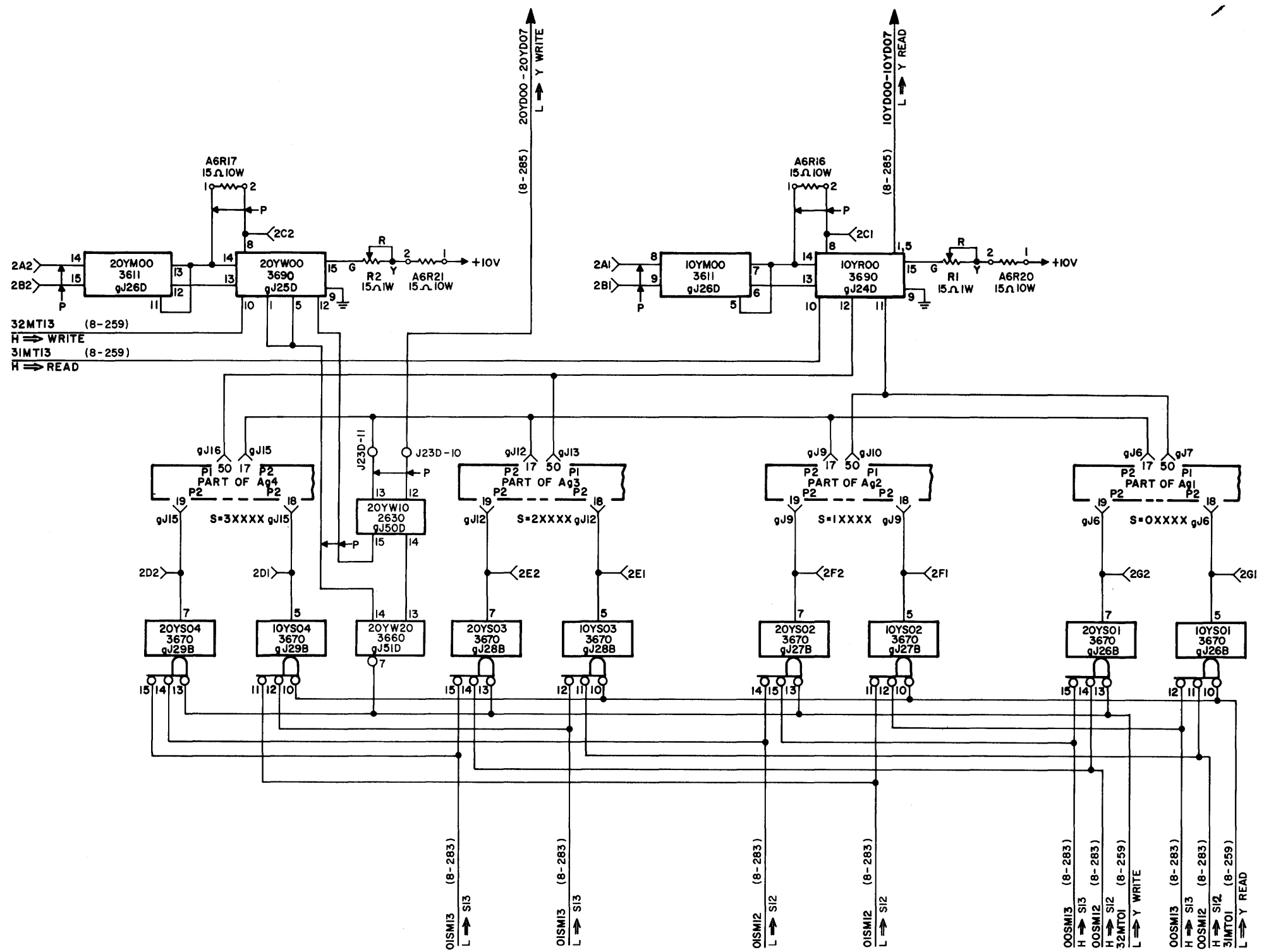


FIGURE 8-284

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						

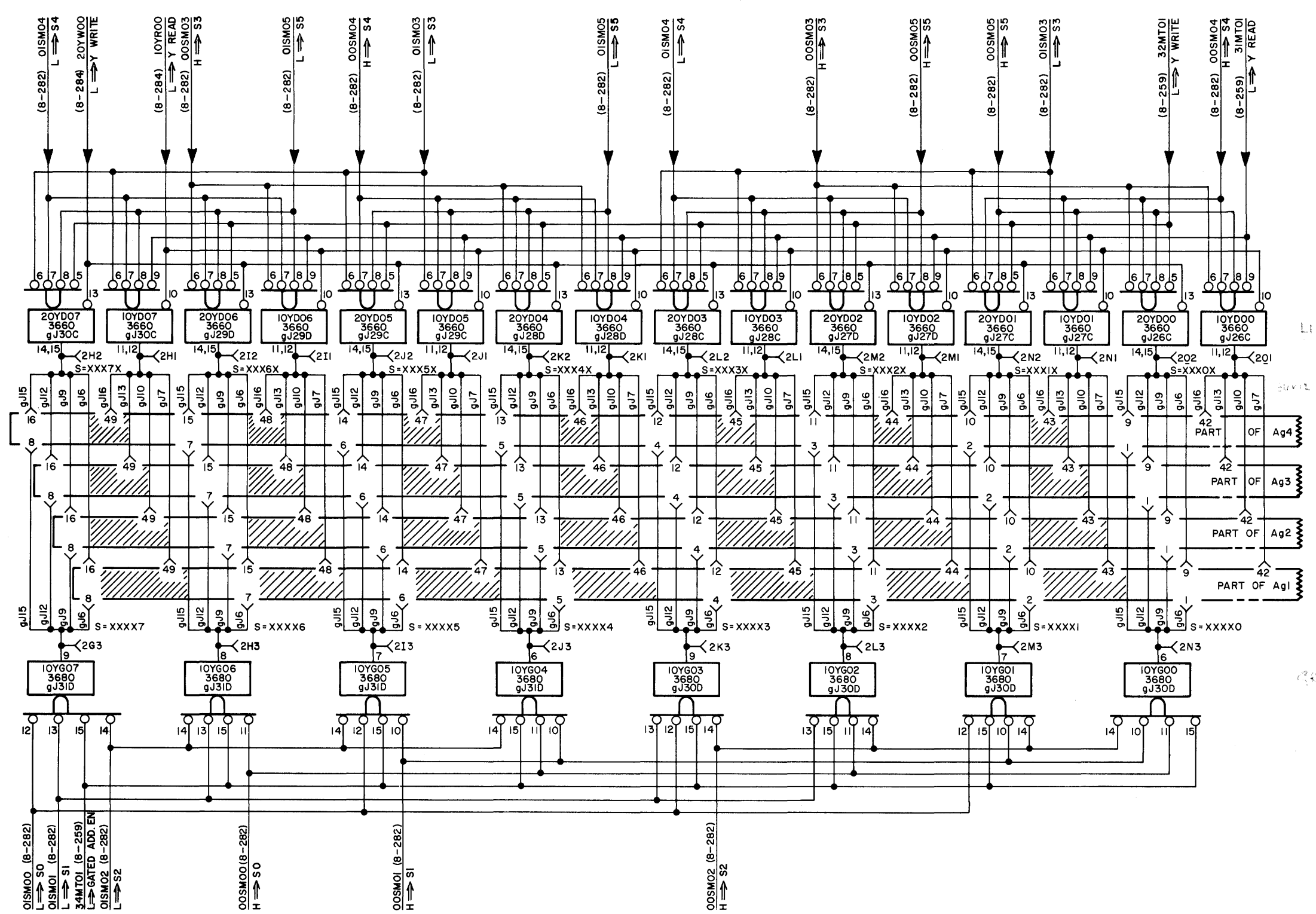
IDENT NO. 7032757-00

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 ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE REPRODUCED, COPIED, OR OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS ± .005			A
3 PLACE DECIMALS ± .002	DRAFTSMAN		
ANGLES ± .005	R.CALTON	3-24-65	
HOLE DIAMETER TOLERANCE	CHECKER		
0 THRU .250 ± .003	B. POPOV	9-15-65	
.251 THRU .500 ± .005	ENGINEER		
.501 & LARGER ± .010	R. SVOBODNY	9-15-65	
THREADS: EXP. CL. 2A, INT. CL. 2B	APPROVAL		
	<i>[Signature]</i>	9-15-65	
MATERIAL			
FINISH			

UNIVAC	TITLE	CODE IDENT NO.	SIZE	DWG NO.
DIVISION OF SPERRY RAND CORPORATION	FUNCTIONAL SCHEMATIC, Y STACK SELECTION	90536	D	7032757
		SCALE	WEIGHT	SHEET 1 OF 1

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED



LINE *Schedule 80*

gJ12 gJ13

GROUP *Transformer Driver*

FIGURE 8-285

IDENT NO. 7032754-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS	PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ±		DRAFTSMAN D. STATTS	528-65	A	UNIVAC		DIVISION OF SPERRY RAND CORPORATION	
HOLE DIAMETER TOLERANCE Ø THRU .250 ± .003 .251 THRU .500 ± .005 .501 & LARGER ± .010					CHECKER B. POPOV	TITLE FUNCTIONAL SCHEMATIC, Y DIODE AND GROUP ADDRESS TRANSLATION		
THREADS: EXT. CL. 2A, INT. CL. 2B		ENGINEER R. SVOBODNY	APPROVAL <i>R. S. Svo</i>		CODE IDENT NO.	SIZE	DWG NO.	
MATERIAL		9-15-65		90536	D	7032754		
FINISH		9-15-65		SCALE	WEIGHT	SHEET OF		

REV.	DATE	BY
A	7/16/65	SEE EIR

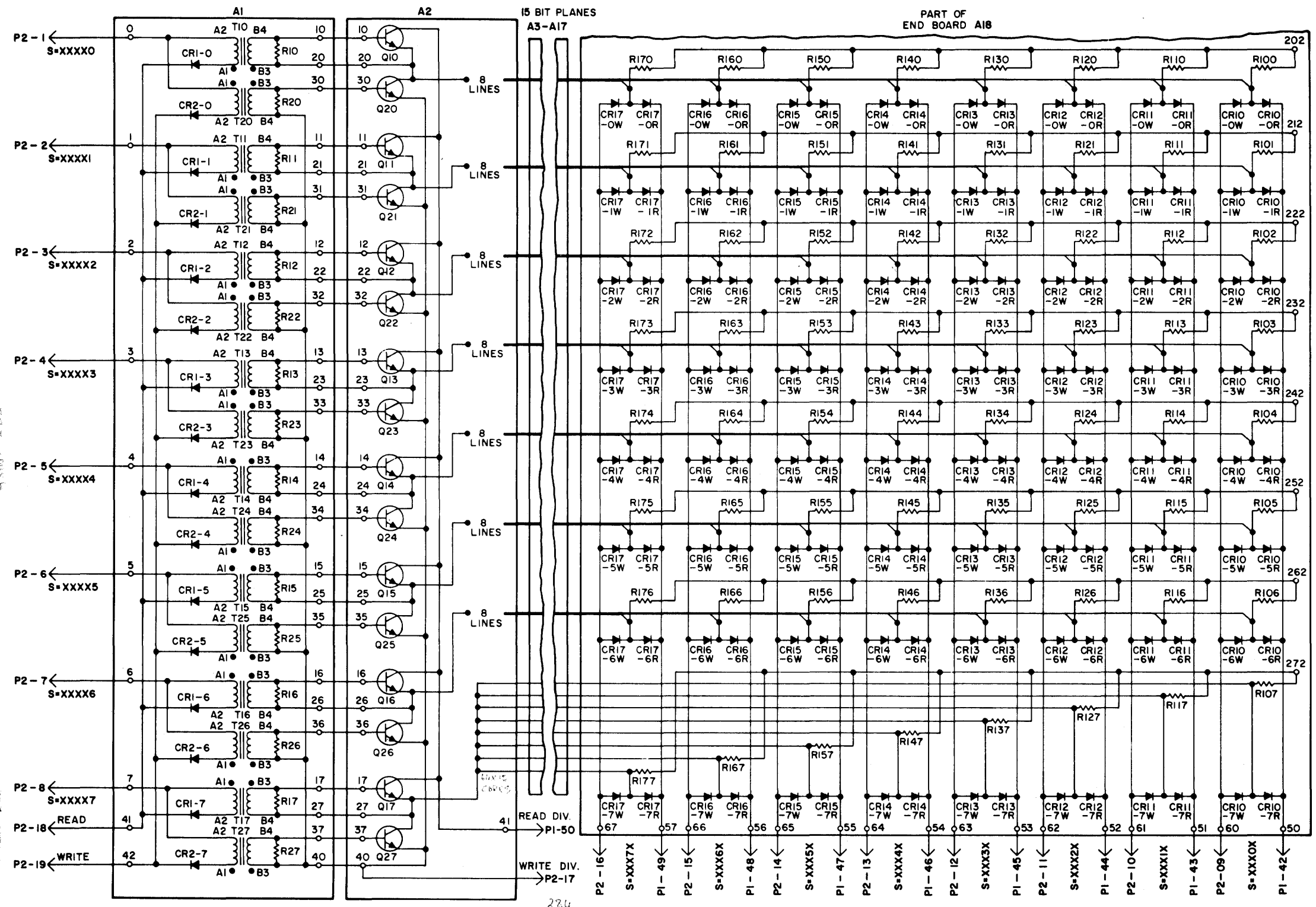


FIGURE 8-286

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
					IDENTIFYING NO.	

UNIVAC		DIVISION OF SPERRY RAND CORPORATION	
TITLE		CORE MEMORY STACK Y AXIS DRIVE	
DATE	CLASS	CHECKER	ENGINEER
7/12/65		B. POPOV	R. SVOBODNY
CODE IDENT NO.		SIZE	DWG NO.
90536		D	7032861

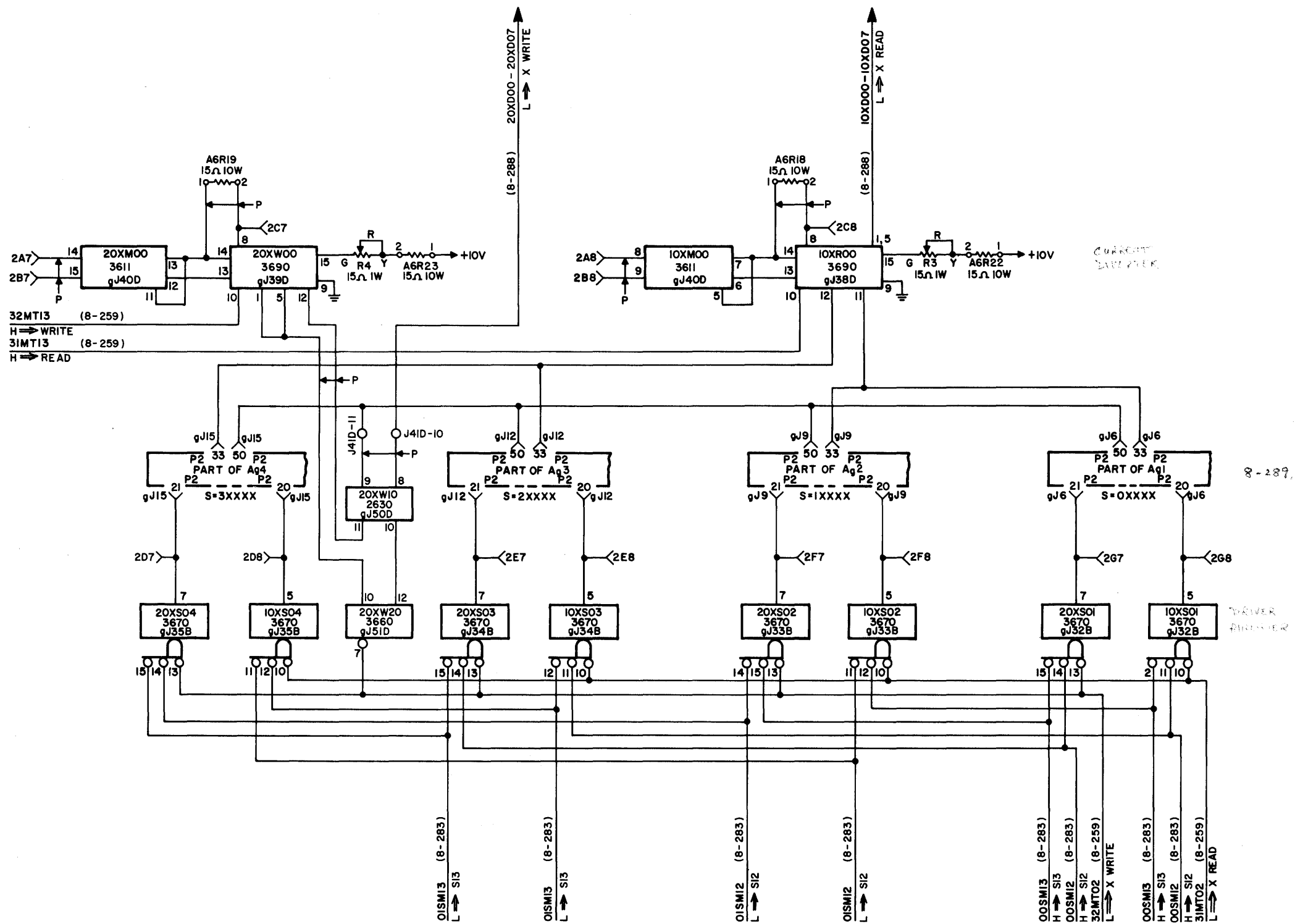
IDENT NO. 7032861-00

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UNLESS OTHERWISE SPECIFIED	LAYOUT
DIMENSION IN INCHES. TOLERANCE ON	DATE
2 PLACE DECIMALS	CLASS
3 PLACE DECIMALS	TITLE
ANGLES	
HOLE DIAMETER TOLERANCE	
Ø THRU .250	
+.003	
-.002	
Ø .250 - .500	
+.005	
-.005	
Ø .500 - 1.000	
+.010	
-.010	
Ø 1.000 - 2.000	
+.015	
-.015	
Ø 2.000 - 3.000	
+.020	
-.020	
Ø 3.000 - 4.000	
+.025	
-.025	
Ø 4.000 - 6.000	
+.030	
-.030	
Ø 6.000 - 12.000	
+.040	
-.040	
Ø 12.000 - 24.000	
+.050	
-.050	
Ø 24.000 - 48.000	
+.060	
-.060	
Ø 48.000 - 96.000	
+.070	
-.070	
Ø 96.000 - 192.000	
+.080	
-.080	
Ø 192.000 - 384.000	
+.090	
-.090	
Ø 384.000 - 768.000	
+.100	
-.100	
Ø 768.000 - 1536.000	
+.120	
-.120	
Ø 1536.000 - 3072.000	
+.150	
-.150	
Ø 3072.000 - 6144.000	
+.180	
-.180	
Ø 6144.000 - 12288.000	
+.220	
-.220	
Ø 12288.000 - 24576.000	
+.270	
-.270	
Ø 24576.000 - 49152.000	
+.330	
-.330	
Ø 49152.000 - 98304.000	
+.400	
-.400	
Ø 98304.000 - 196608.000	
+.480	
-.480	
Ø 196608.000 - 393216.000	
+.580	
-.580	
Ø 393216.000 - 786432.000	
+.700	
-.700	
Ø 786432.000 - 1572864.000	
+.850	
-.850	
Ø 1572864.000 - 3145728.000	
+.1000	
-.1000	
Ø 3145728.000 - 6291456.000	
+.1200	
-.1200	
Ø 6291456.000 - 12582912.000	
+.1500	
-.1500	
Ø 12582912.000 - 25165824.000	
+.1800	
-.1800	
Ø 25165824.000 - 50331648.000	
+.2200	
-.2200	
Ø 50331648.000 - 100663296.000	
+.2700	
-.2700	
Ø 100663296.000 - 201326592.000	
+.3300	
-.3300	
Ø 201326592.000 - 402653184.000	
+.4000	
-.4000	
Ø 402653184.000 - 805306368.000	
+.4800	
-.4800	
Ø 805306368.000 - 1610612736.000	
+.5800	
-.5800	
Ø 1610612736.000 - 3221225472.000	
+.7000	
-.7000	
Ø 3221225472.000 - 6442450944.000	
+.8500	
-.8500	
Ø 6442450944.000 - 12884901888.000	
+.10000	
-.10000	
Ø 12884901888.000 - 25769803776.000	
+.12000	
-.12000	
Ø 25769803776.000 - 51539607552.000	
+.15000	
-.15000	
Ø 51539607552.000 - 103079215104.000	
+.18000	
-.18000	
Ø 103079215104.000 - 206158430208.000	
+.22000	
-.22000	
Ø 206158430208.000 - 412316860416.000	
+.27000	
-.27000	
Ø 412316860416.000 - 824633720832.000	
+.33000	
-.33000	
Ø 824633720832.000 - 1649267441664.000	
+.40000	
-.40000	
Ø 1649267441664.000 - 3298534883328.000	
+.48000	
-.48000	
Ø 3298534883328.000 - 6597069766656.000	
+.58000	
-.58000	
Ø 6597069766656.000 - 13194139533312.000	
+.70000	
-.70000	
Ø 13194139533312.000 - 26388279066624.000	
+.85000	
-.85000	
Ø 26388279066624.000 - 52776558133248.000	
+.100000	
-.100000	
Ø 52776558133248.000 - 105553116266496.000	
+.120000	
-.120000	
Ø 105553116266496.000 - 211106232532992.000	
+.150000	
-.150000	
Ø 211106232532992.000 - 422212465065984.000	
+.180000	
-.180000	

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		71698	SEE EIR			<i>[Signature]</i>



EACH CHASSIS
FIGURE 8-287

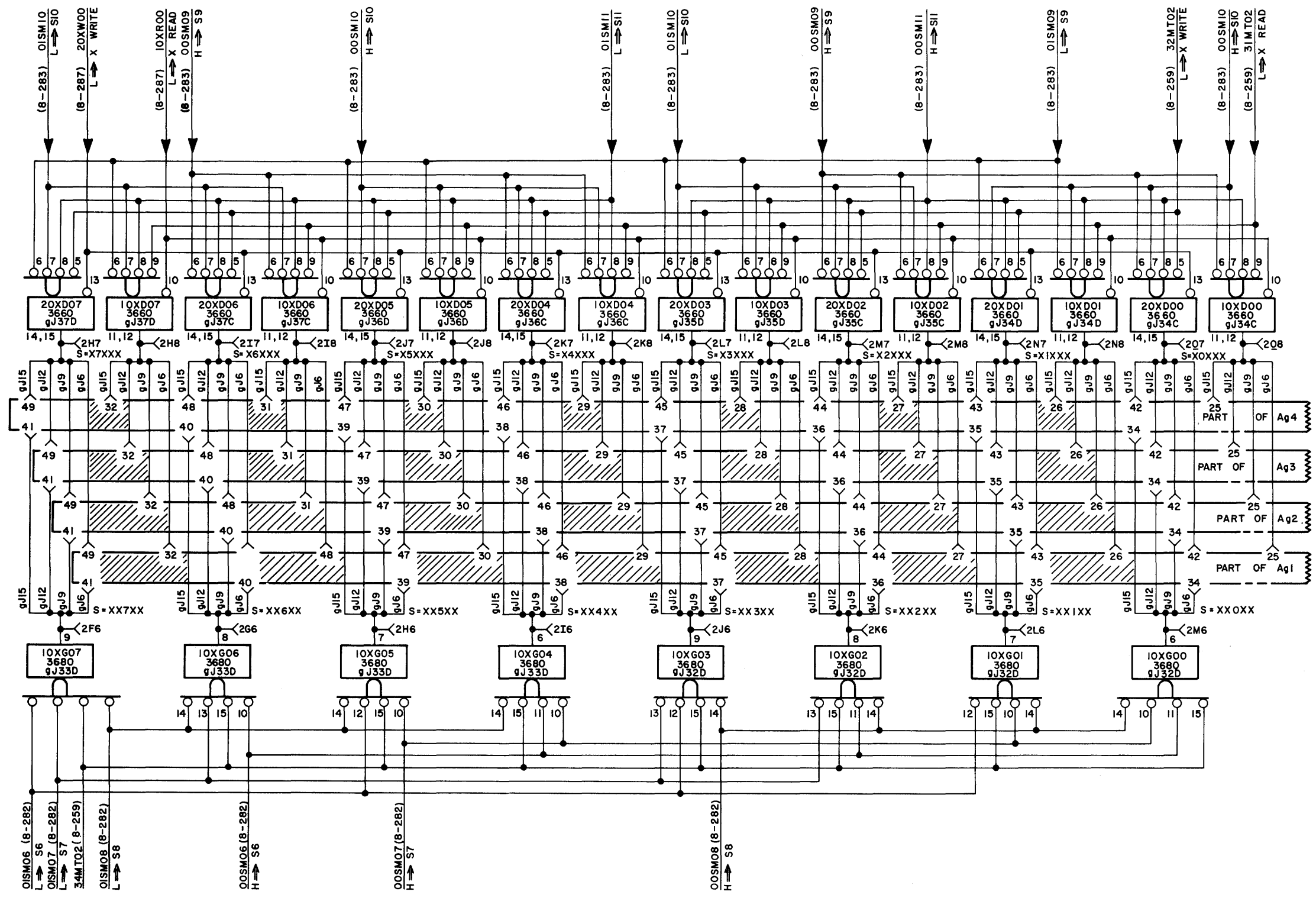
IDENT NO. 7032756-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED		DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS	
HOLD DIAMETER TOLERANCE		0 THRU .250 +.003 .251 THRU .500 +.005 .501 & LARGER +.010	
THREADS: EX. CL. INT. CL. 2B		MATERIAL	
FINISH		LAYOUT	
DATE		CLASS	
DRAFTSMAN		TITLE	
CHECKER		ENGINEER	
APPROVAL		CODE IDENT NO.	
NEXT ASST		SIZE	
EQUIPMENT		DWG NO.	
APPLICATION		SCALE	
COMMODITY CODE		WEIGHT	

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
			UNIVAC			
			DIVISION OF SPERRY RAND CORPORATION			
			DATE: 3-31-65			
			TITLE: FUNCTIONAL SCHEMATIC, X STACK SELECTION			
			ENGINEER: R. SVOBODNY			
			CODE IDENT NO.: 90536			
			SIZE: D			
			DWG NO.: 7032756			
			SCALE: _____			
			WEIGHT: _____			
			SHEET 1 OF 1			

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION



1107

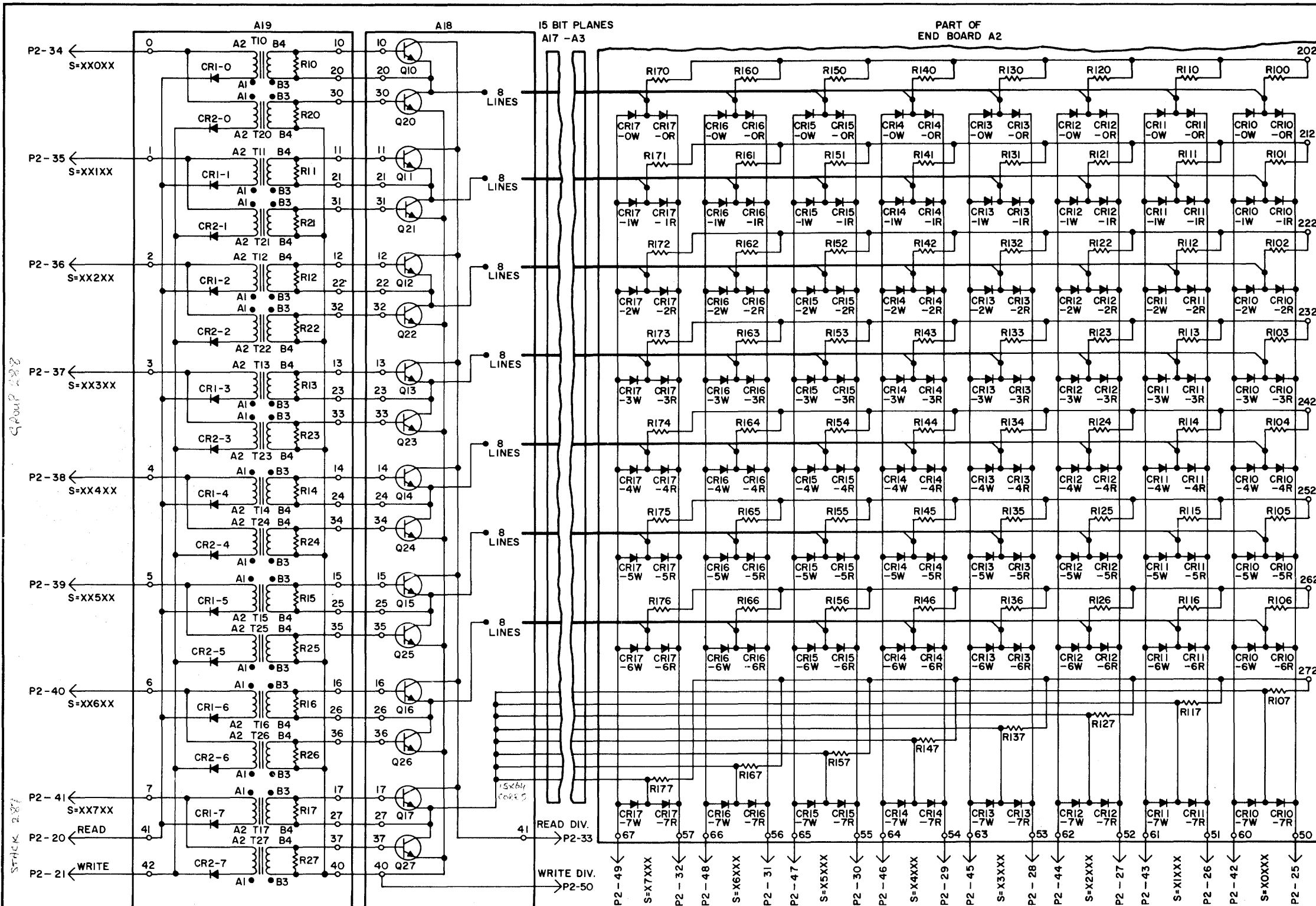
GROUP

EACH CLASSIC
FIGURE 8-288

IDENT NO. 7032755-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS	PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION	
DIMENSION IN INCHES. TOLERANCE OR 2 PLACE DECIMALS		R. R. PFUTZENREUTER	52865	A	UNIVAC			
3 PLACE DECIMALS					DIVISION OF SPERRY RAND CORPORATION			
HOLD DIAMETER TOLERANCE		CHECKER		TITLE				
0 THRU .250		B. POPOV		FUNCTIONAL SCHEMATIC, X DIODE AND GROUP ADDRESS TRANSLATION				
.251 THRU .500		ENGINEER		CODE IDENT NO.				
.501 & LARGER		R. SVODNY		90536				
THREADS: EXT. CL 2A, INT. CL 2B		APPROVAL		SIZE				
MATERIAL				D				
FINISH				DWG NO.				
NEXT ASSY				7032755				
EQUIPMENT				SCALE				
APPLICATION				WEIGHT				
COMMODITY CODE				SHEET 1 OF 1				



REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		71698	SEE EIR		11/11/65	

4 PER CARTRIDGE
FIGURE 8-289

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						

UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± .005 3 PLACE DECIMALS ± .001 ANGLES ± .1		LAYOUT		DATE	CLASS
HOLE DIAMETER TOLERANCE 0 THRU .250 ± .005 .250 THRU .500 ± .005 .500 THRU 1.000 ± .010 1.000 THRU 2.000 ± .015 2.000 THRU 5.000 ± .020 5.000 THRU 10.000 ± .030 10.000 THRU 30.000 ± .040 30.000 THRU 100.000 ± .060 100.000 THRU 300.000 ± .090 300.000 THRU 1000.000 ± .150 1000.000 THRU 3000.000 ± .250 3000.000 THRU 10000.000 ± .500 10000.000 THRU 30000.000 ± .750 30000.000 THRU 100000.000 ± 1.000 100000.000 THRU 300000.000 ± 1.500 300000.000 THRU 1000000.000 ± 2.000 1000000.000 THRU 3000000.000 ± 3.000 3000000.000 THRU 10000000.000 ± 4.000 10000000.000 THRU 30000000.000 ± 5.000 30000000.000 THRU 100000000.000 ± 6.000 100000000.000 THRU 300000000.000 ± 7.000 300000000.000 THRU 1000000000.000 ± 8.000 1000000000.000 THRU 3000000000.000 ± 9.000 3000000000.000 THRU 10000000000.000 ± 10.000		DRAFTSMAN G. RICE		7-12-65	A
THREADS: EX. CL. INT. CL. 2B		CHECKER B. POPOV		TITLE CORE MEMORY STACK, X AXIS DRIVE	
FINISH		ENGINEER R. SVOBODNY		CODE IDENT NO. 90536	
APPLICATION		APPROVAL DU Way P.K.W.		SIZE D	
COMMODITY CODE				DWG NO. 7032862	
				SCALE	
				WEIGHT	
				SHEET OF	

IDENT NO. 7032862-00

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STACK 287

277

LINE 082

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION

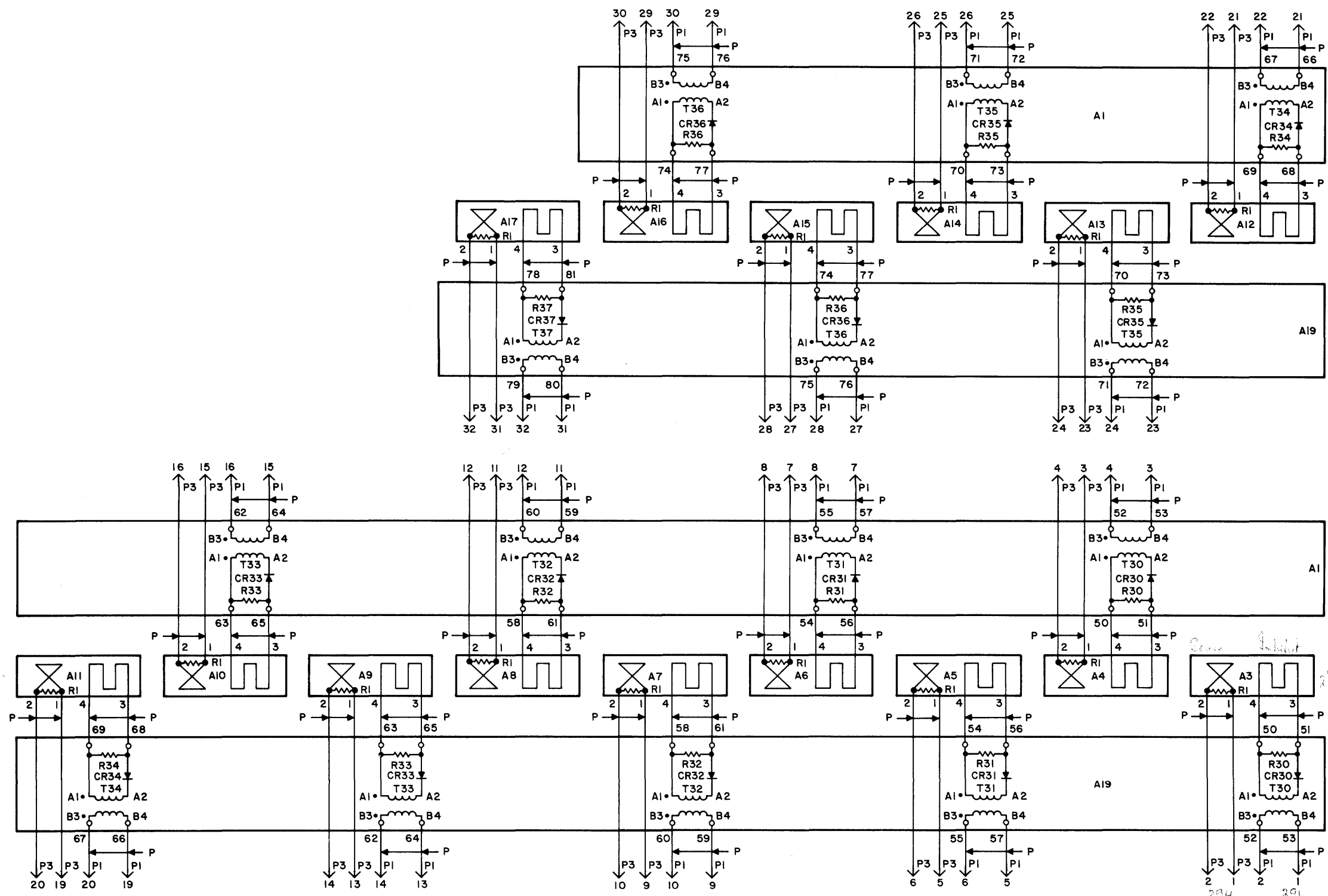


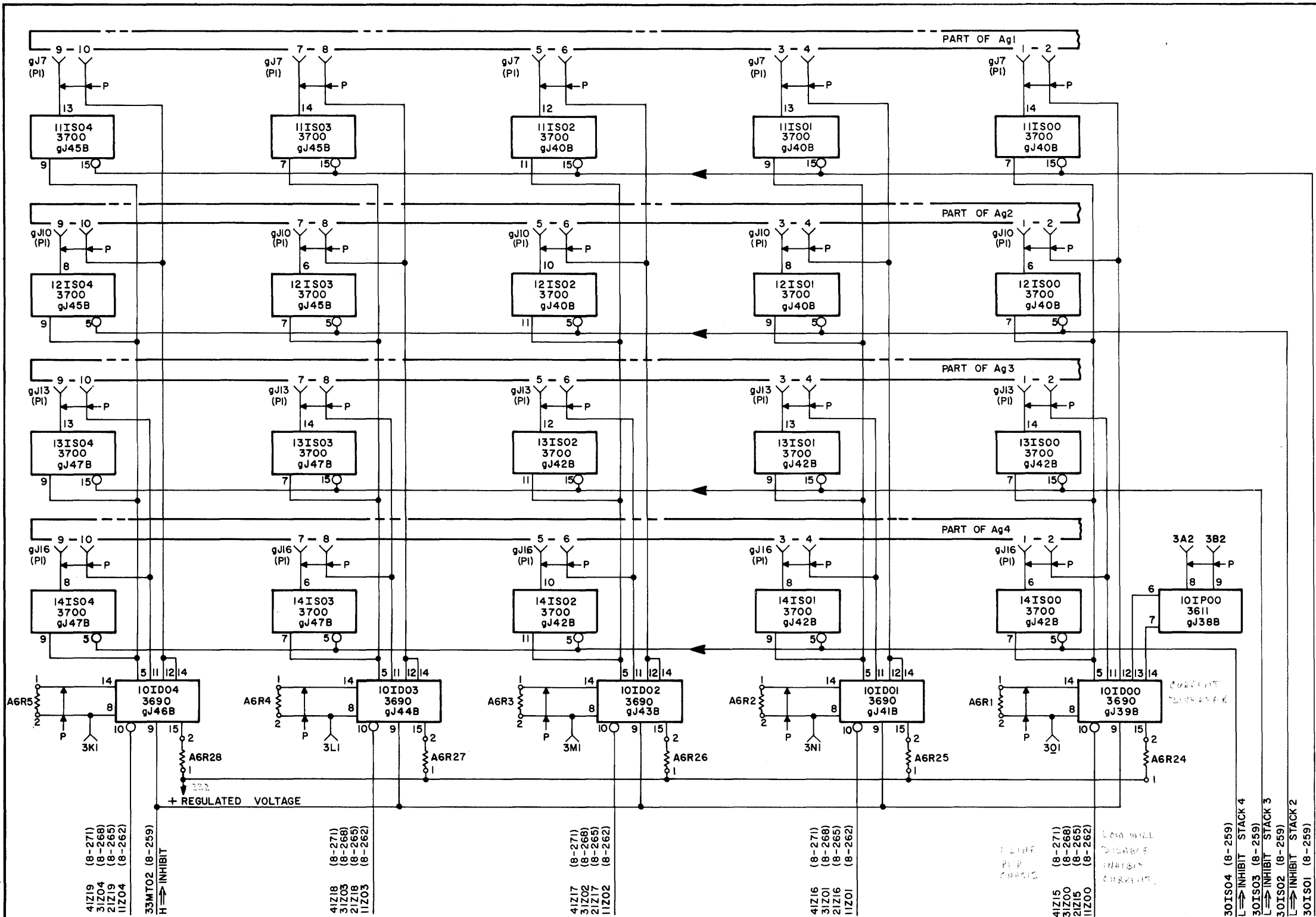
FIGURE 8-290

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL			

UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS = HOLE DIAMETER TOLERANCE 0 THRU .250 +.003 -.002 .251 THRU .500 +.005 -.003 .501 & LARGER +.010 -.005 THREADS: EXCEPT AS NOTED INT CL 2B	G. RICE B. POPOV R. SVOBODNY	7/26/55 8.5.55	A UNIVAC DIVISION OF SPERRY RAND CORPORATION
IDENT NO. 7032860-00 THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT: ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION	TITLE CORE MEMORY STACK, INHIBIT AND SENSE CODE IDENT NO. 90536 SIZE D DWG NO. 7032860 SCALE WEIGHT SHEET 1 OF 1	CHECKER B. POPOV ENGINEER R. SVOBODNY	APPROVED [Signature]

REVISIONS			
NO.	DATE	DESCRIPTION	APPROVED



41Z19 (8-271)
 31Z04 (8-268)
 21Z19 (8-265)
 11Z04 (8-262)
 33MT02 (8-259)
 H INHIBIT

41Z18 (8-271)
 31Z05 (8-268)
 21Z18 (8-265)
 11Z03 (8-262)

41Z17 (8-271)
 31Z02 (8-268)
 21Z17 (8-265)
 11Z02 (8-262)

41Z16 (8-271)
 31Z01 (8-268)
 21Z16 (8-265)
 11Z01 (8-262)

41Z15 (8-271)
 31Z00 (8-268)
 21Z15 (8-265)
 11Z00 (8-262)

30IS04 (8-259) INHIBIT STACK 4
 30IS03 (8-259) INHIBIT STACK 3
 30IS02 (8-259) INHIBIT STACK 2
 30IS01 (8-259) INHIBIT STACK 1

EACH CHASSIS
FIGURE 8-291

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

UNIVAC DIVISION OF SPERRY RAND CORPORATION		DATE	CLASS
DRAFTSMAN V. STEEBER		3-19-65	A
CHECKER B. POPOV		TITLE FUNCTIONAL SCHEMATIC, INHIBITS BITS 00-04	
ENGINEER R. SVOBODNY		CODE IDENT NO. 90536	
APPROVAL <i>R. C. Meyer</i>		DATE	DWG NO.
7-15-65		7-15-65	7032751
SCALE	WEIGHT	SHEET	OF

IDENT NO. 7032751-00

APPROVAL
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UNLESS OTHERWISE SPECIFIED:	LAYOUT
DIMENSION IN INCHES: TOLERANCE IN DECIMALS OF INCHES	MATERIAL
SIZE	
DECIMALS	
ANGLES	
HOLE DIMENSION TOLERANCES:	FINISH
0.001 - 0.005	
0.005 - 0.010	
0.010 - 0.005	
FINISHES: EXCEPT AS NOTED	

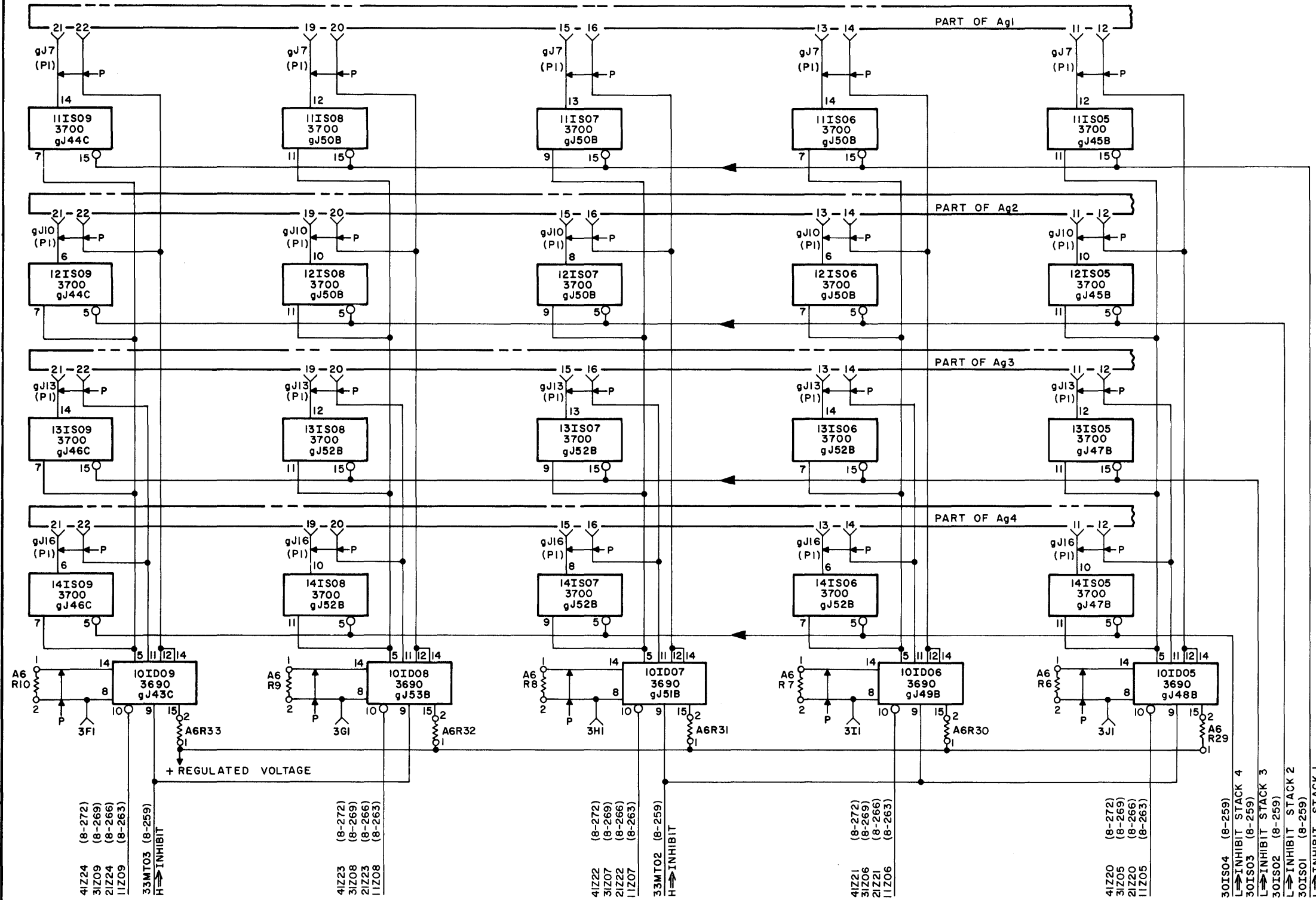


FIGURE 8-292

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE		
LIST OF MATERIAL						
UNIVAC			DIVISION OF SPERRY RAND CORPORATION			
DRAFTSMAN		V. STEEBER		DATE		3-19-65
CHECKER		B. POPOV		TITLE		FUNCTIONAL SCHEMATIC, INHIBITS BITS 05-09
ENGINEER		R. SVOBODNY		DATE		9-15-65
APPROVAL		<i>[Signature]</i>		CODE IDENT NO.		90536
				SIZE		D
				DWG NO.		7032752
				SCALE		
				WEIGHT		
				SHEET		OF

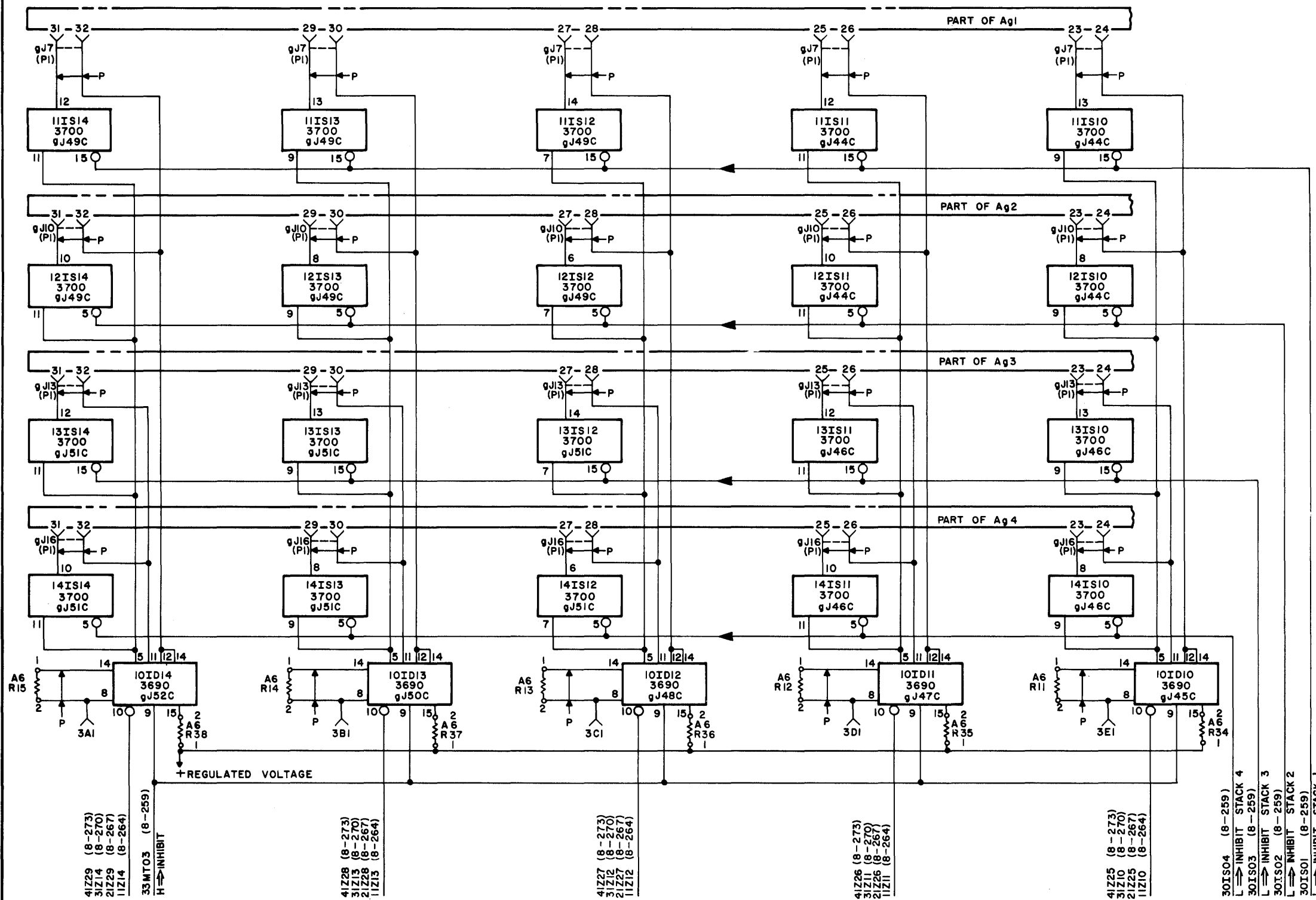
IDENT NO. 7032752-00

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LINE NO.	DESCRIPTION	QUANTITY	UNIT
1	UNLESS OTHERWISE SPECIFIED		
2	TOLERANCE IN INCHES: DECIMALS ANGLES		
3	HOLE DIAMETER TOLERANCE		
4	MATERIAL		
5	FINISH		

DATE	CLASS
3-19-65	A

REVISIONS			
NO.	DATE	BY	DESCRIPTION



41Z29 (8-273)
31Z14 (8-270)
21Z29 (8-267)
11Z14 (8-264)
33MT03 (8-259)
H → INHIBIT

41Z28 (8-273)
31Z13 (8-270)
21Z28 (8-267)
11Z13 (8-264)

41Z27 (8-273)
31Z12 (8-270)
21Z27 (8-267)
11Z12 (8-264)

41Z26 (8-273)
31Z11 (8-270)
21Z26 (8-267)
11Z11 (8-264)

41Z25 (8-273)
31Z10 (8-270)
21Z25 (8-267)
11Z10 (8-264)

30IS04 (8-259)
L → INHIBIT STACK 4
30IS03 (8-259)
L → INHIBIT STACK 3
30IS02 (8-259)
L → INHIBIT STACK 2
30IS01 (8-259)
L → INHIBIT STACK 1

FIGURE 8-293

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	

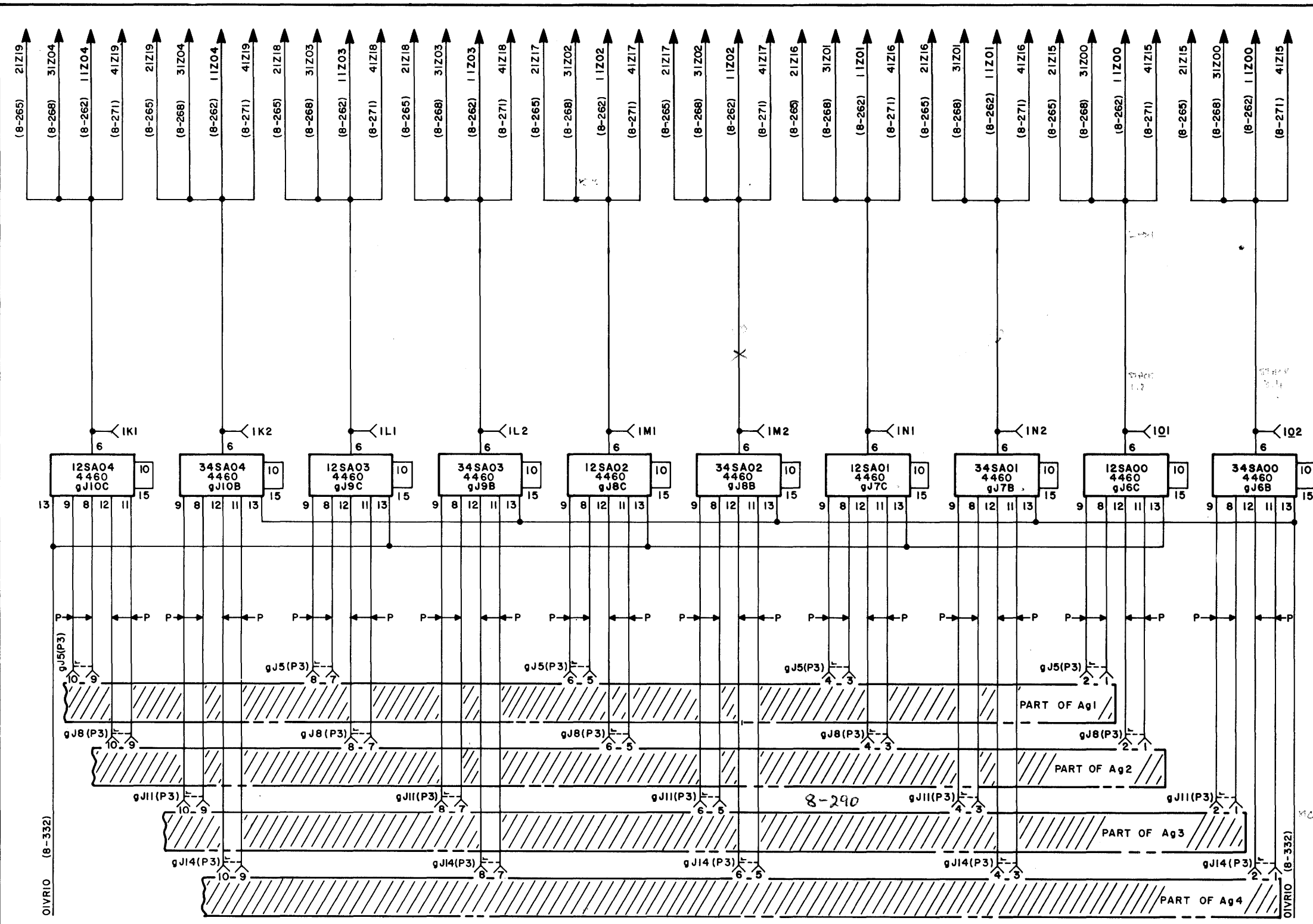
UNIVAC
DIVISION OF BERRY RAND CORPORATION

LAYOUT
DATE 3-22-65
CLASS A
DRAFTSMAN V. STEEBER
CHECKER B. POPOV
ENGINEER R. SVOBODNY
APPROVAL [Signature] 9-15-65

TITLE
FUNCTIONAL SCHEMATIC,
INHIBITS BITS 10-14
CODE IDENT NO. 90536
SIZE D
DWG NO. 7032753
SHEET 1 OF 1

IDEN: NO. 7032753-00

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		71698	SEE EIR			<i>R. Braski</i>



no direct signal on 10, 11, 12, 13, 15

g	CHASSIS	BITS
1	A10	Z1, 0-14
2	A11	Z1, 15-29
3	A12	Z2, 0-14
4	A13	Z2, 15-29

FIGURE 8-294

IDENT NO. 7032745-00

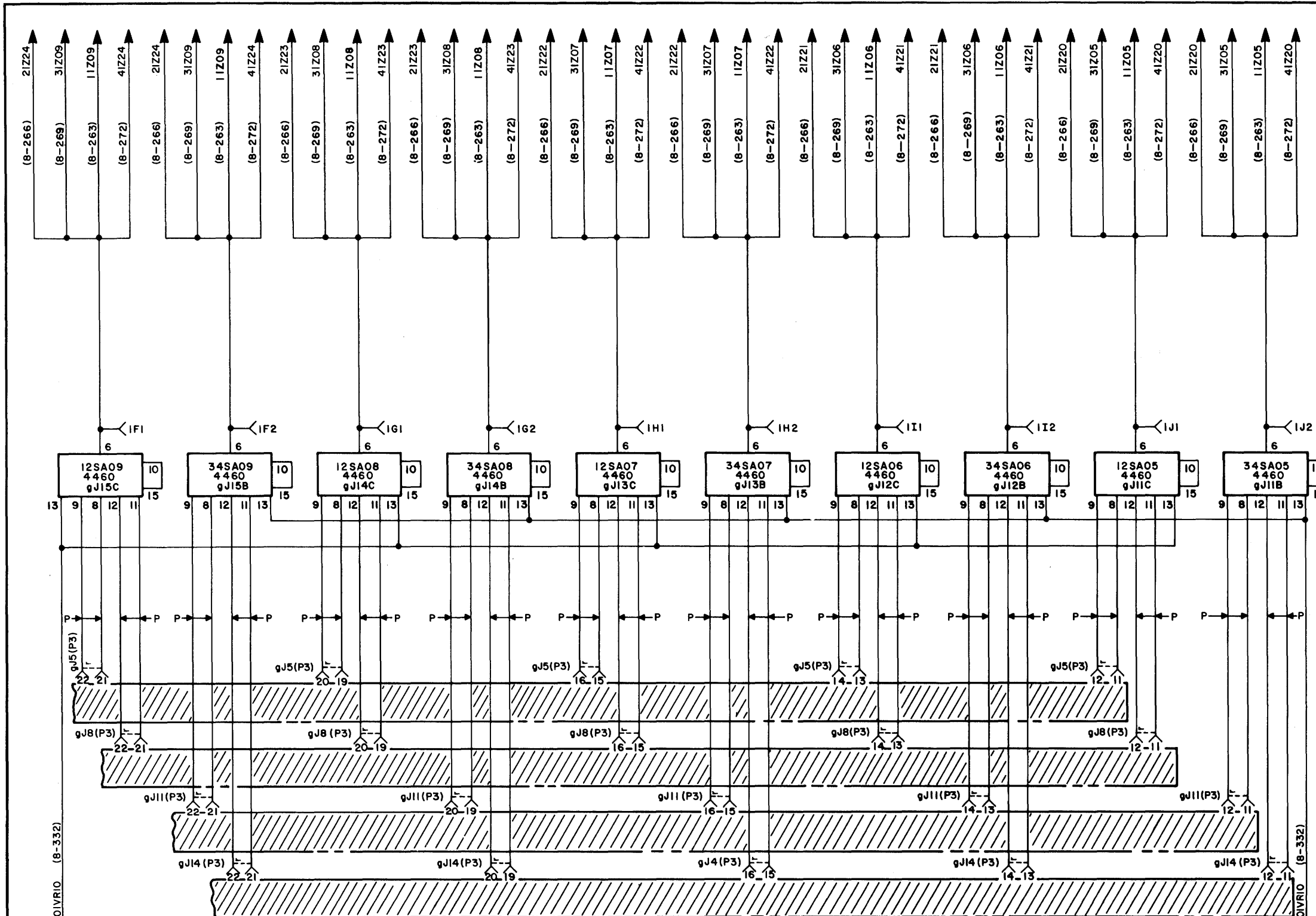
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UNLESS OTHERWISE SPECIFIED		
DIMENSION IN INCHES. TOLERANCE ON		
2 PLACE DECIMALS	3 PLACE DECIMALS	FRACTIONS
± .005	± .002	± 1/32
± .003	± .001	± 1/64
± .002	± .0005	± 1/128
HOLE DIAMETER TOLERANCE		
0 THRU .250	.251 THRU .500	.501 & LARGER
± .003	± .002	± .001
± .002	± .001	± .0005
THREADS: EXT. CL. 2A, INT. CL. 2B		
MATERIAL		
FINISH		

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
LAYOUT			DATE	CLASS	UNIVAC	
DRAFTSMAN			2-19-65	A	DIVISION OF SPERRY RAND CORPORATION	
CHECKER					TITLE	
ENGINEER					FUNCTIONAL SCHEMATIC, SENSE AMPS BITS 00-04	
APPROVAL					CODE IDENT NO.	DWG NO.
					90536	7032745
					SIZE	D
					SCALE	WEIGHT
					SHEET	OF

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71698	SEE EIR	10/10/65 [Signature]



NOTE

g	CHASSIS	BITS
1	A10	Z1, 0-14
2	A11	Z1, 15-29
3	A12	Z2, 0-14
4	A13	Z2, 15-29

FIGURE 8-295

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						

IDENT NO. 7032746-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

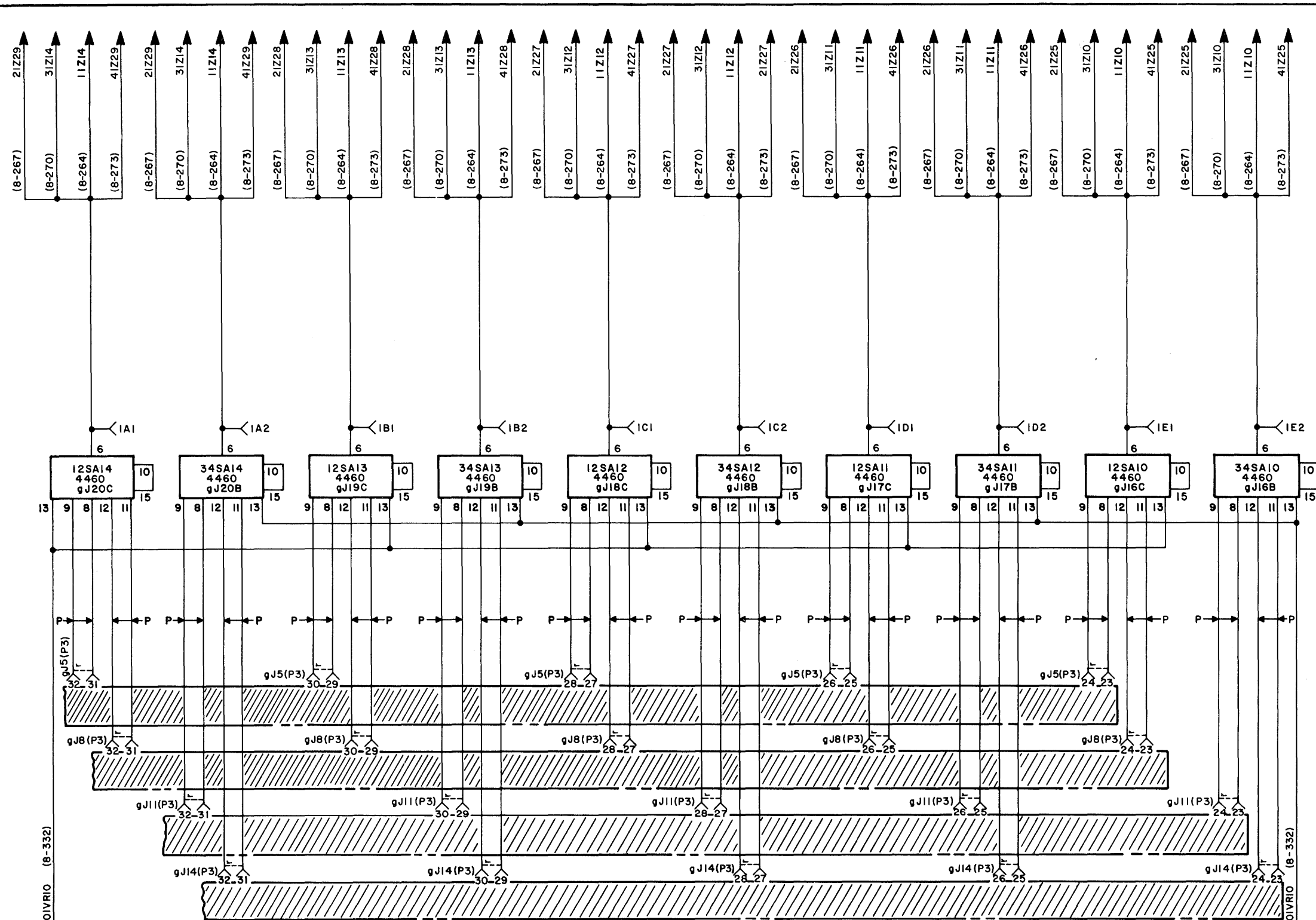
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THIS INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES, TOLERANCE ON 2 PLACE DECIMALS	3 PLACE DECIMALS
HOLE DIAMETER TOLERANCE	ANGLES
0 THRU .390 ±.003	.391 THRU .500 ±.005
.501 THRU .999 ±.005	1.000 & LARGER ±.010
THREADS: EXPT. CL. 2A, INT. CL. 2B	
MATERIAL	FINISH

LAYOUT	DATE	CLASS	TITLE
DRAFTSMAN R. BRASKI	2-22-65	A	FUNCTIONAL SCHEMATIC, SENSE AMPS BITS 05-09
CHECKER B. POPOV			
ENGINEER R. SVOBODNY			
APPROVAL [Signature]	4-15-65		

CODE IDENT NO.	SIZE	DWG NO.
90536	D	7032746

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		71698	SEE EIR			



NOTE

g	CHASSIS
1	A10
2	A11
3	A12
4	A13

FIGURE 8-296

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							

IDENT NO. 7032747-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS	DIMENSION IN INCHES TOLERANCE ON 3 PLACE DECIMALS
± .003	± .005
± .002	± .003
HOLE DIAMETER TOLERANCE	
0 THRU .300	.301 THRU .500
+ .003	+ .005
- .002	- .003
THREADS: EXT. CL. INT. CL. 28	
MATERIAL	FINISH
APPLICATION	COMMODITY CODE

LAYOUT	DATE	CLASS	UNIVAC	
DRAFTSMAN	2-22-65	A	DIVISION OF SPERRY RAND CORPORATION	
R. BRASKI			TITLE	
CHECKER			FUNCTIONAL SCHEMATIC,	
B. POPOV			SENSE AMPS BITS 10-14	
ENGINEER			CODE IDENT NO.	SIZE
R. SVOBODNY			90536	D
APPROVAL			DWG NO.	
			7032747	
SCALE		WEIGHT	SHEET OF	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71699	SEE EIR	<i>[Signature]</i> 9-15-65

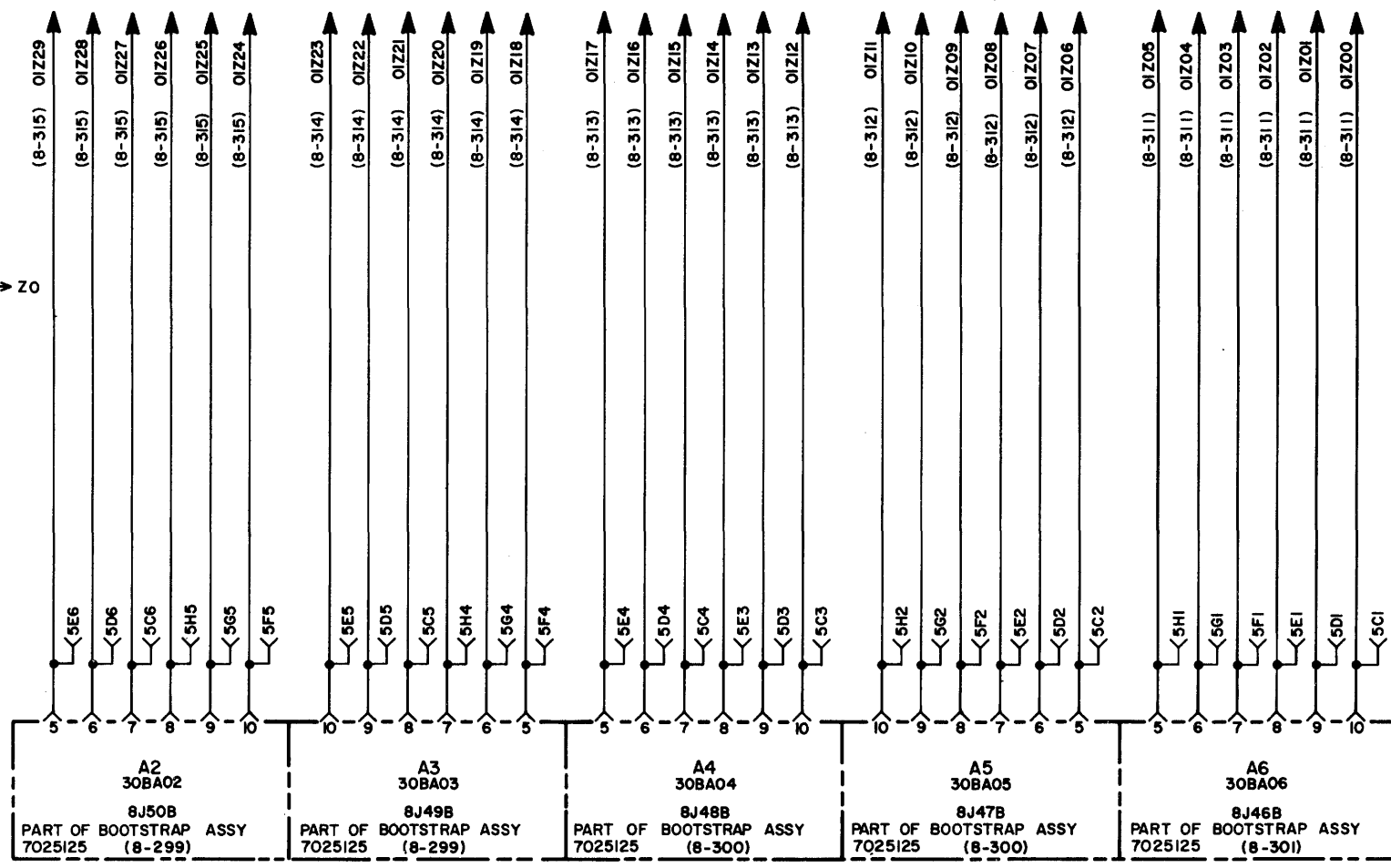
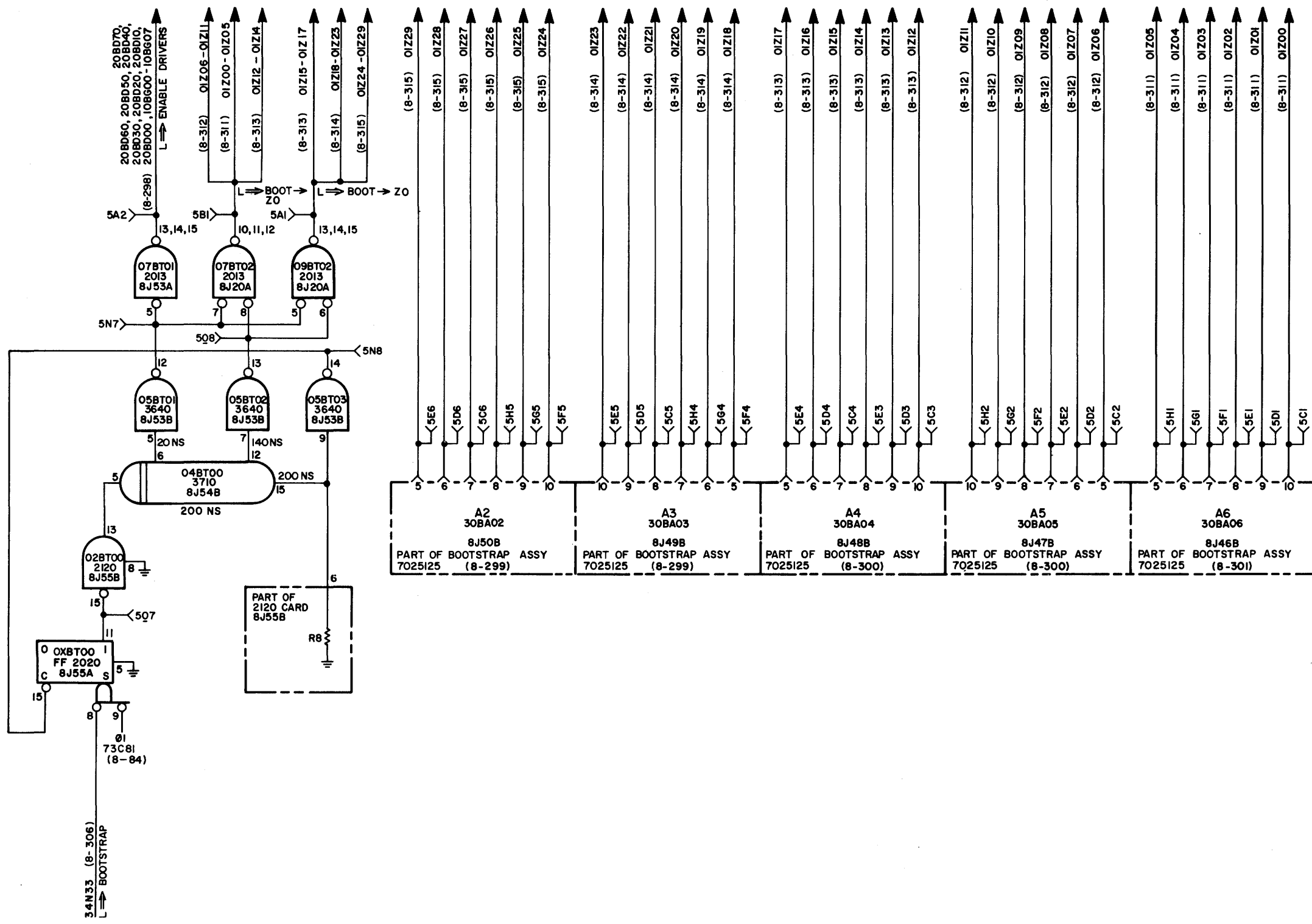


FIGURE 8-297

IDENT NO. 7032929-00

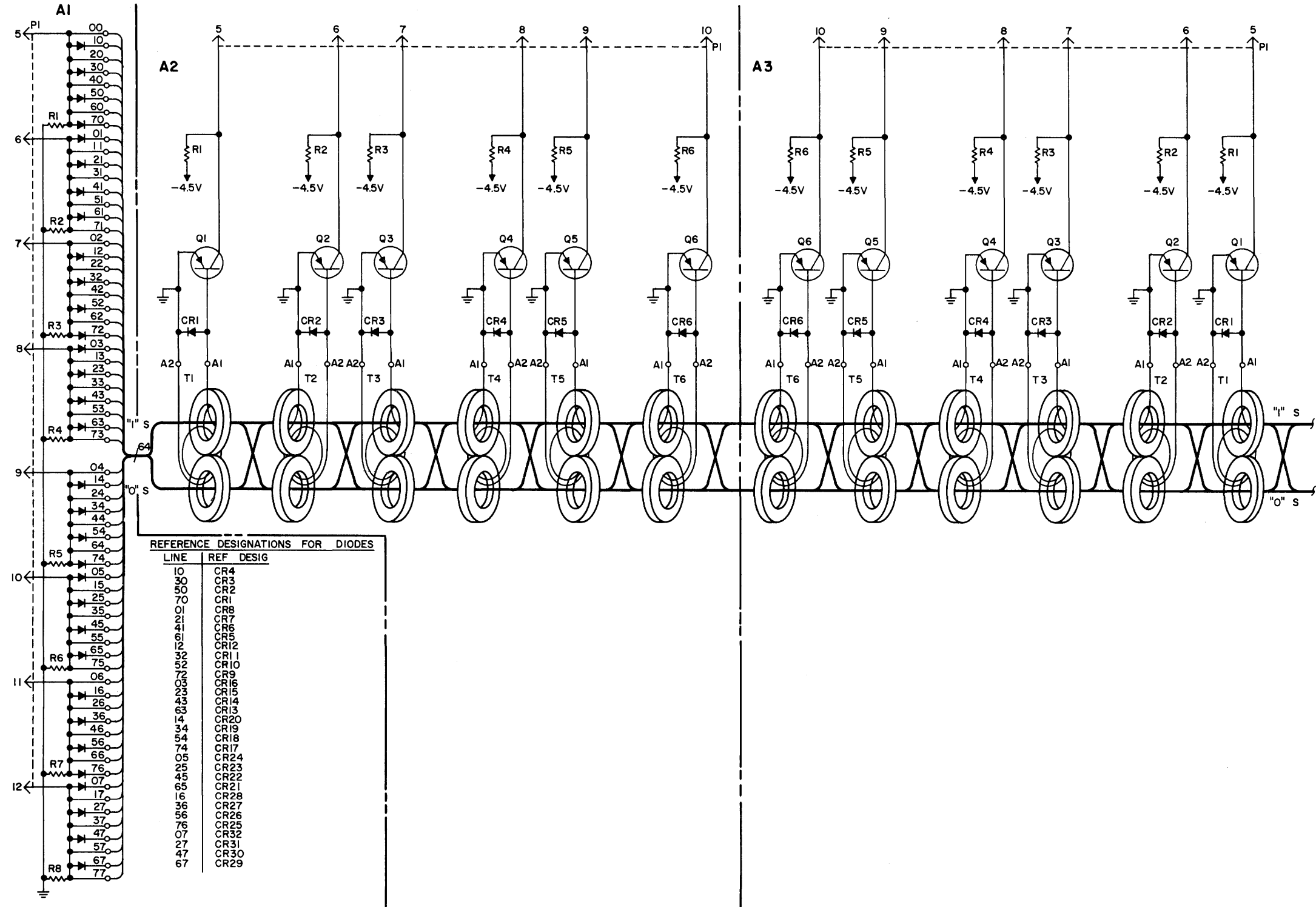
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UNLESS OTHERWISE SPECIFIED		
DIMENSION IN INCHES	TOLERANCE ON 2 PLACE DECIMALS	TOLERANCE ON 3 PLACE DECIMALS
	$\pm .005$	$\pm .002$
HOLE DIAMETER TOLERANCE		
0 THRU .250	+.003	-.002
.251 THRU .500	+.005	-.003
.501 & LARGER	+.010	-.005
THREADS: EXT. CL. INT. CL. 2B		
MATERIAL		
FINISH		

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL	
CLASS	A
DRAFTSMAN	B. MILLER
CHECKER	B. POPOV
ENGINEER	D.L. FAUSETT
DATE	6-4-65
DATE	9-15-65
DATE	9-15-65
DATE	9-15-65
TITLE	FUNCTIONAL SCHEMATIC, BOOTSTRAP MEMORY I
CODE IDENT NO.	90536
SIZE	D
DWG NO.	7032929
SCALE	
WEIGHT	
SHEET	OF

REVISIONS			
NO.	DATE	DESCRIPTION	BY



REFERENCE DESIGNATIONS FOR DIODES

LINE	REF DESIG
10	CR4
30	CR3
50	CR2
70	CR1
01	CR8
21	CR7
41	CR6
61	CR5
12	CR12
32	CR11
52	CR10
72	CR9
03	CR16
23	CR15
43	CR14
63	CR13
14	CR20
34	CR19
54	CR18
74	CR17
05	CR24
25	CR23
45	CR22
65	CR21
16	CR28
36	CR27
56	CR26
76	CR25
07	CR32
27	CR31
47	CR30
67	CR29

FIGURE 8-299

7032930-00

QTY	REQD	IND	REF	USE	CODE	DWG	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL								
CLASS			DATE					
A			6-21-65					
UNIVAC								
DIVISION OF SPERRY RAND CORPORATION								
DRAWN BY			DATE			TITLE		
D.C. WHEELER			7/18			FUNCTIONAL SCHEMATIC, BOOTSTRAP ASSEMBLY BIT SELECTION AND SENSING I		
CHECKED BY			DATE					
B. POPOV			9-15-65					
DESIGNED BY			DATE					
D.L. FAUSETT			9-15-65					
APPROVED BY			DATE					
			9-15-65					
CODE IDENT NO			SIZE			DWG NO		
90536			D			7032930		
SCALE			WEIGHT			SHEET 1 OF 1		

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APP'D

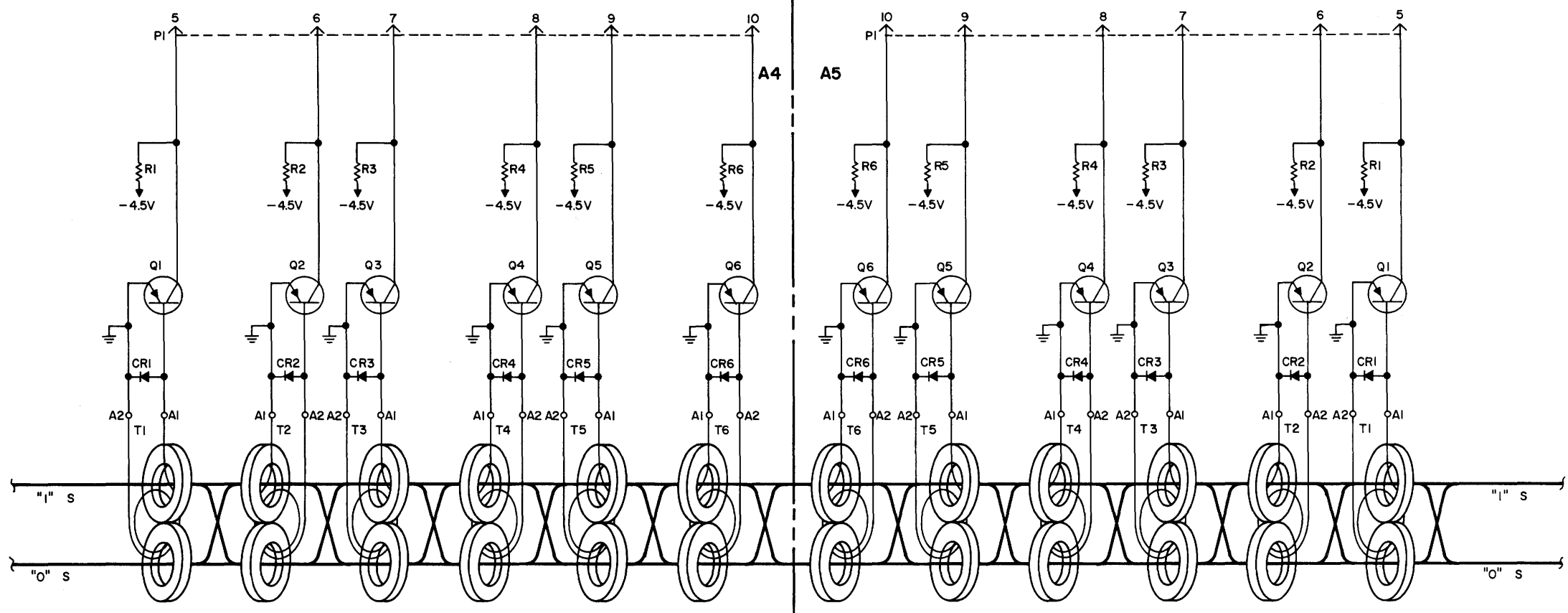
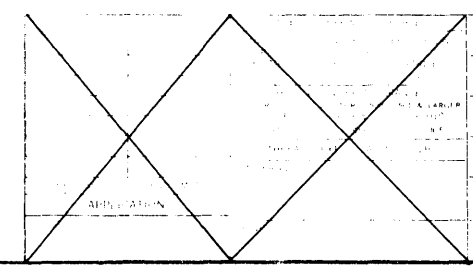


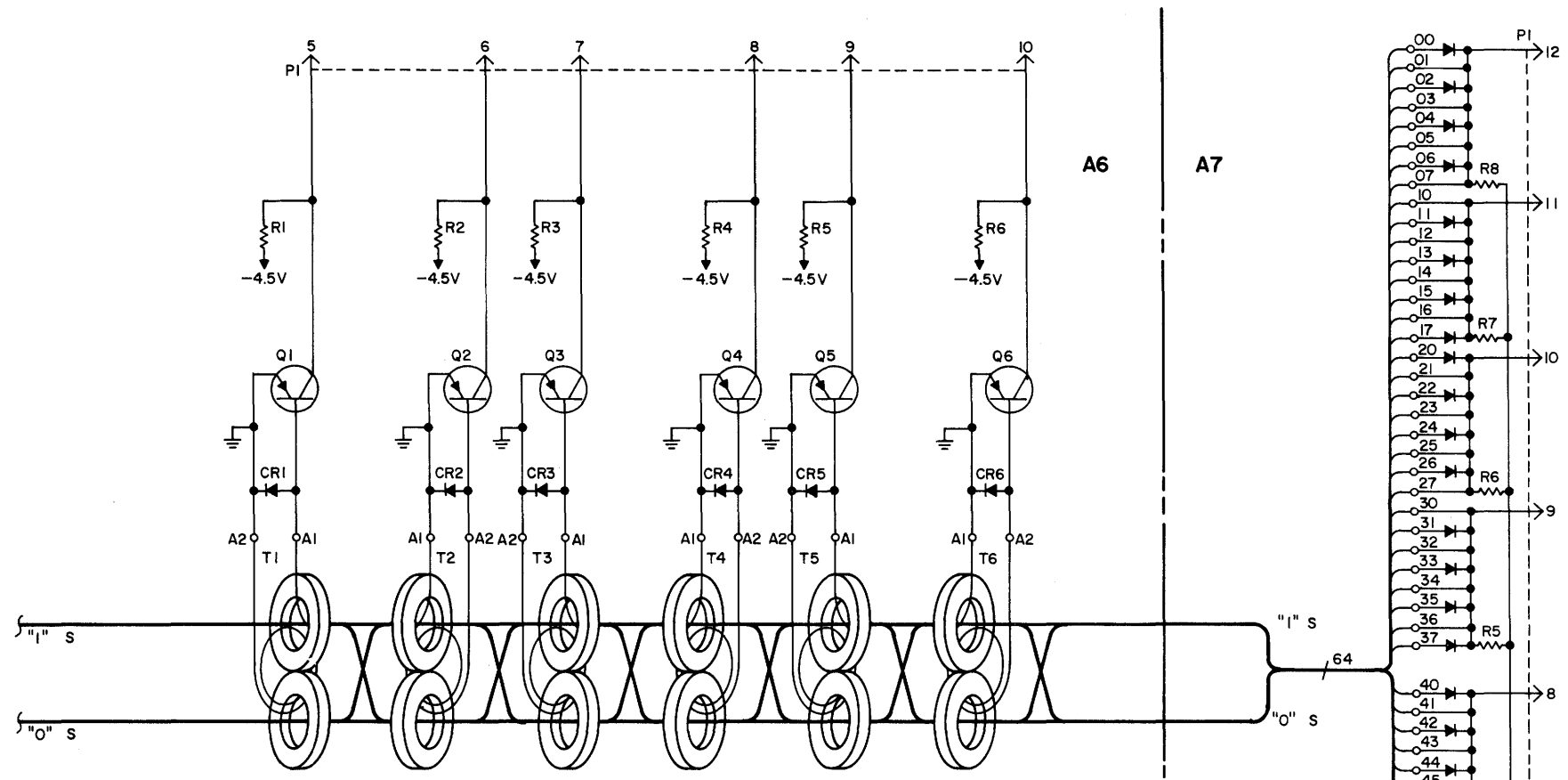
FIGURE 8-300

IDENT NO: 7032931-00



QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						
			DATE	CLASS	UNIVAC DIVISION OF ELECTRONIC COMPUTATION	
			6-21-65	A	FUNCTIONAL SCHEMATIC, BOOTSTRAP ASSEMBLY BIT SELECTION AND SENSING 2	
D.C. WHEELER			ENGINEER			
B. POPOV			ENGINEER			
D.L. FAUSETT			ENGINEER			
APPROVAL			DATE	CODE IDENT NO.	SIZE	DWG NO.
[Signature]			9-15-65	90536	D	7032931
SCALE			WEIGHT	SHEET 1 OF 1		

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APPROVED



REFERENCE DESIGNATIONS FOR DIODES

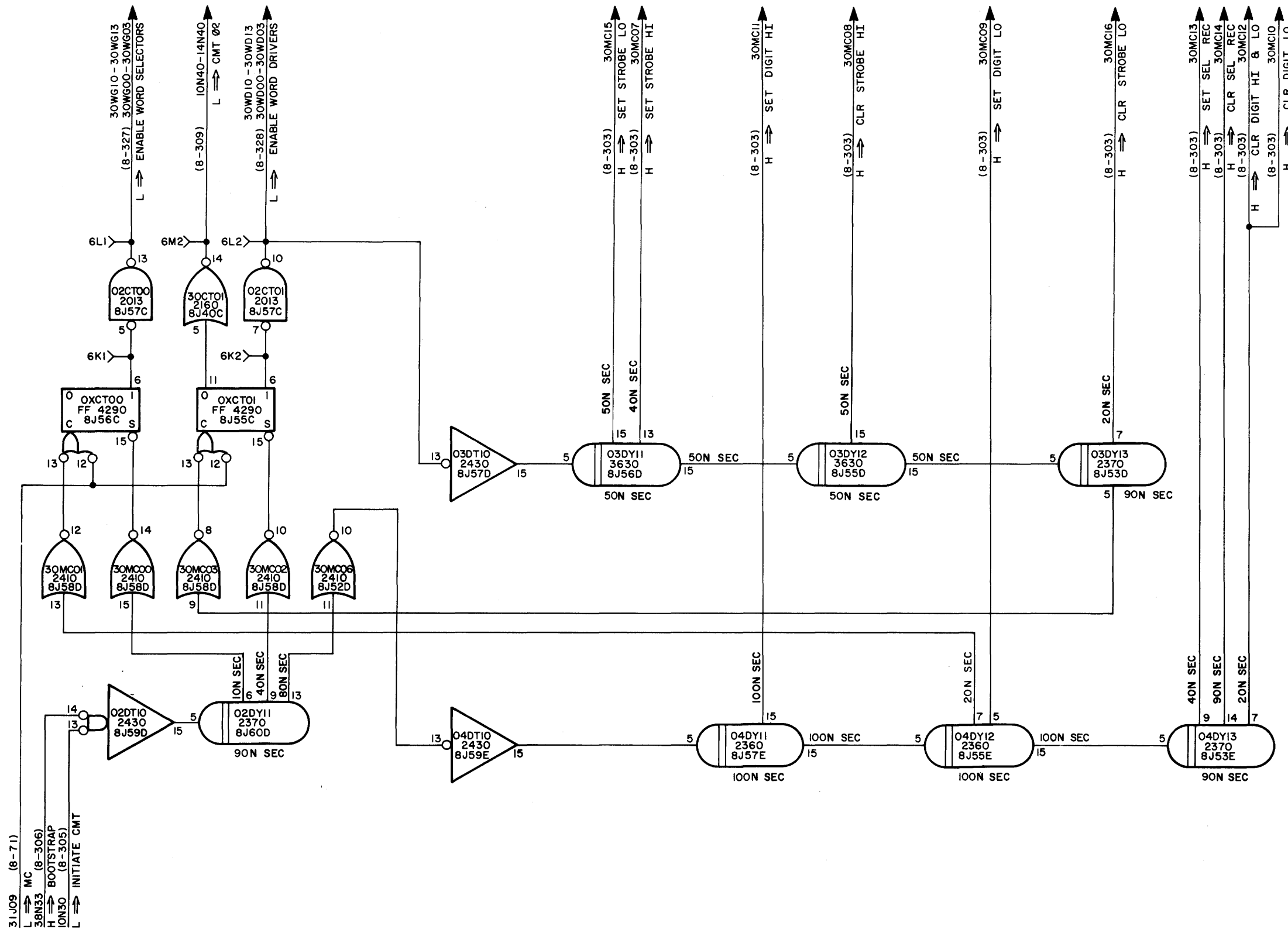
LINE	REF DESIG
00	CR32
02	CR31
04	CR30
06	CR29
11	CR28
13	CR27
15	CR26
17	CR25
20	CR24
22	CR23
24	CR22
26	CR21
31	CR20
33	CR19
35	CR18
37	CR17
40	CR16
42	CR15
44	CR14
46	CR13
51	CR12
53	CR11
55	CR10
57	CR9
60	CR8
62	CR7
64	CR6
66	CR5
71	CR4
73	CR3
75	CR2
77	CR1

FIGURE 8-301

DWG NO 7032932-00

QTY REQD	FIN	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
LAYOUT			DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION	
DRAFTSMAN D.C. WHEELER			6-21-65	A	TITLE FUNCTIONAL SCHEMATIC, BOOTSTRAP ASSEMBLY BIT SELECTION AND SENSING 3	
CHECKER B. POPOV			9-15-65			
ENGINEER D.L. FAUSETT			9-15-65			
APPROVED <i>D.L. Fauset</i>			9-15-65		CODE IDENT NO.	DWG NO.
					90536	7032932
					SCALE	SHEET 1 OF 1

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71699	SEE EIR		8/11-65	
B		77408	SEE EIR		6-18-66	BJP



NOTE: DELAY LINE TAPS SUBJECT TO CHANGES BY SERIAL.

FIGURE 8-302

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
						LIST OF MATERIAL
UNIVAC DIVISION OF SPERRY RAND CORPORATION						
LAYOUT		DATE	CLASS	TITLE		
DRAFTSMAN R. M. BECKMAN		9-1-65	A	FUNCTIONAL SCHEMATIC, CONTROL MEMORY TIMING AND CONTROL I		
CHECKER B. POPOV		BP 9-15-65				
ENGINEER C. HOGENSON		CH 9-15-65				
APPROVAL <i>[Signature]</i>		9-15-65				
CODE IDENT NO.	SIZE	DWG NO.				
90536	D	7035492				
SCALE	WEIGHT	SHEET	OF			

IDENT NO. 7035492-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE
2 PLACE DECIMALS	± .005
3 PLACE DECIMALS	± .0005
ANGLES	± .010
HOLE DIAMETER TOLERANCE	
0 THRU .250	± .005
.251 THRU .500	± .004
.501 & LARGER	± .003
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	
NEXT ASSY	EQUIPMENT
APPLICATION	
COMMODITY CODE	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71699	SEE EIR		BA 11-1-65	
B		77408	SEE EIR		11-6-66	

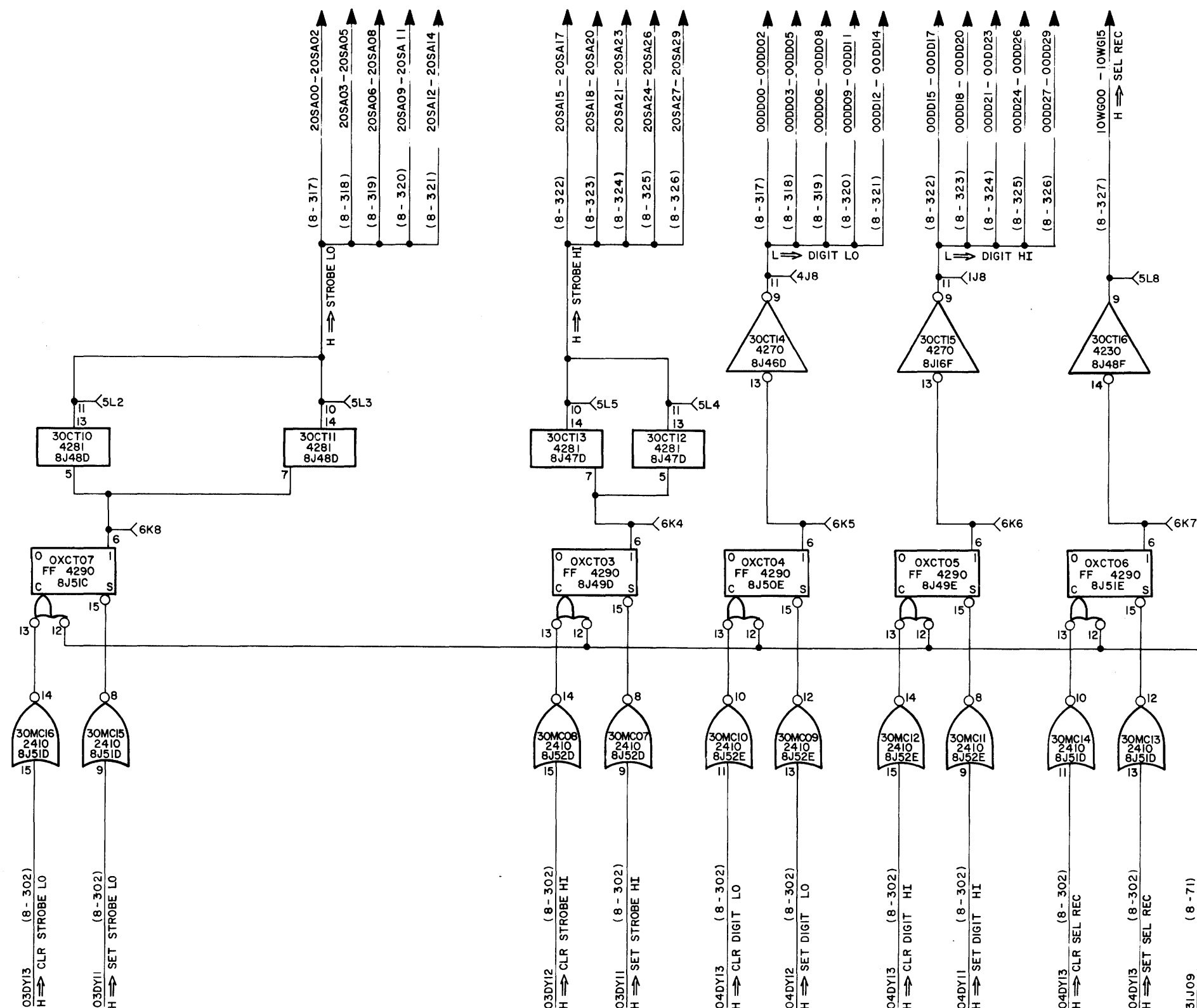


FIGURE 8-303

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

IDENT NO. 7035493-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RAND CORPORATION
DIMENSION IN INCHES. TOLERANCE ON				A	
2 PLACE DECIMALS	± .005				TITLE FUNCTIONAL SCHEMATIC, CONTROL MEMORY TIMING AND CONTROL 2
3 PLACE DECIMALS	± .002	DRAFTSMAN			
ANGLES	± .005	R. THORSON	8-30-65		
HOLE DIAMETER TOLERANCE		CHECKER			
0 THRU .250	± .003	B. POPOV	9-15-65		
.251 THRU .500	± .004	ENGINEER			
.501 & LARGER	± .010	C. HOGENSON	9-15-65		
THREADS: EXCEPT 2A, INT CL 2B		APPROVAL			
MATERIAL					
NEXT ASSY					
EQUIPMENT					
APPLICATION					
COMMODITY CODE					
FINISH					
CODE IDENT NO.		90536			
SIZE		D			
DWG NO.		7035493			
SCALE					
WEIGHT					
SHEET					
OF					

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71699	SEE EIR		8/11-65	[Signature]
B		77408	SEE EIR		6-16-66	[Signature]

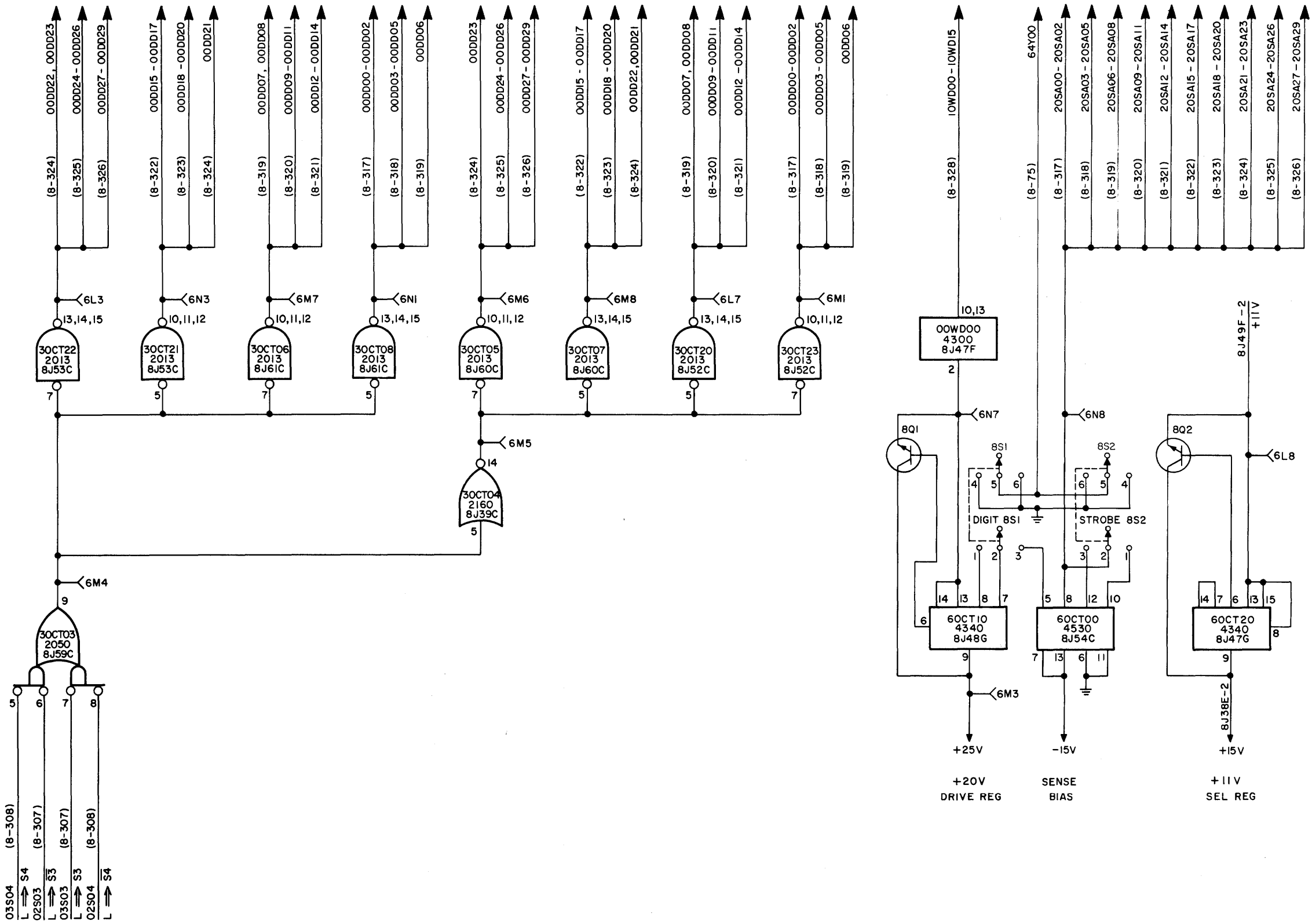


FIGURE 8-304

IDENT NO. 7035494-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS	PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN	9-9-65	A	UNIVAC		FUNCTIONAL SCHEMATIC, CONTROL MEMORY TIMING AND CONTROL 3
± 3 PLACE DECIMALS		D. LODGE			DIVISION OF SPERRY RAND CORPORATION		
± ANGLES		CHECKER			TITLE		
HOLE DIAMETER TOLERANCE		B. POPOV			CODE IDENT NO.		90536
0 THRU .250 ±.003		ENGINEER			SIZE		D
.251 THRU .500 ±.005		C. HOGENSON			DWG NO.		7035494
.501 & LARGER ±.010		APPROVAL			SCALE		
THREADS, EXT. CL. 2A, INT. CL. 2B		[Signature]			WEIGHT		
MATERIAL		FINISH		SHEET		OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71699A	SEE EIR	9-11-65
B		77399A	SEE EIR	9-22-65
C	E13315		B' MODIFIED FAULT	

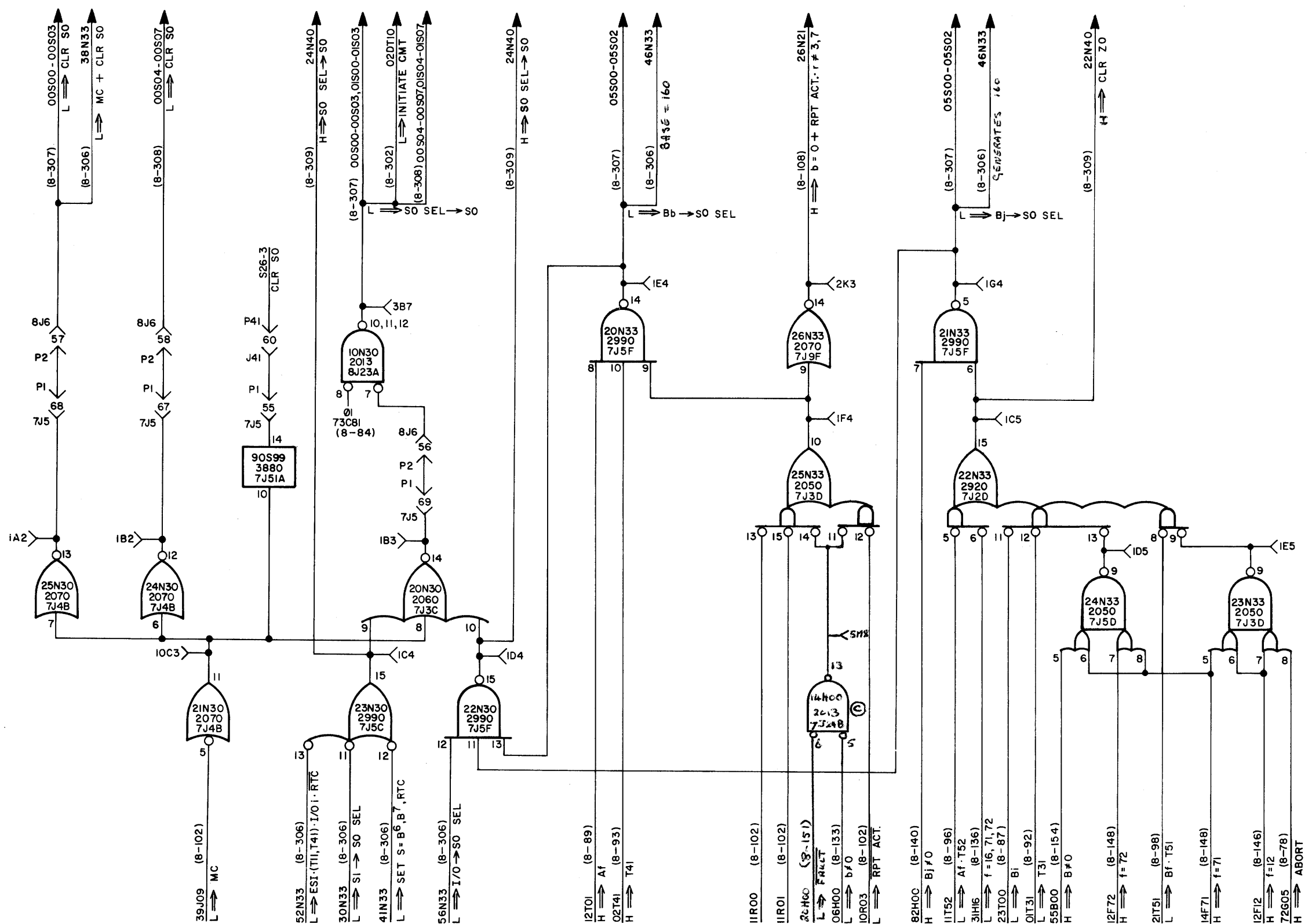


FIGURE 8-305

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						
			CLASS	DATE	UNIVAC	
			A	2-13-65	DIVISION OF SPERRY RAND CORPORATION	
			TITLE			
			FUNCTIONAL SCHEMATIC, SO & SO SELECT COMMAND ENABLES I			
			CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7032661	
			SCALE	WEIGHT	SHEET 1 OF 1	

IDENT NO. 7032661-00

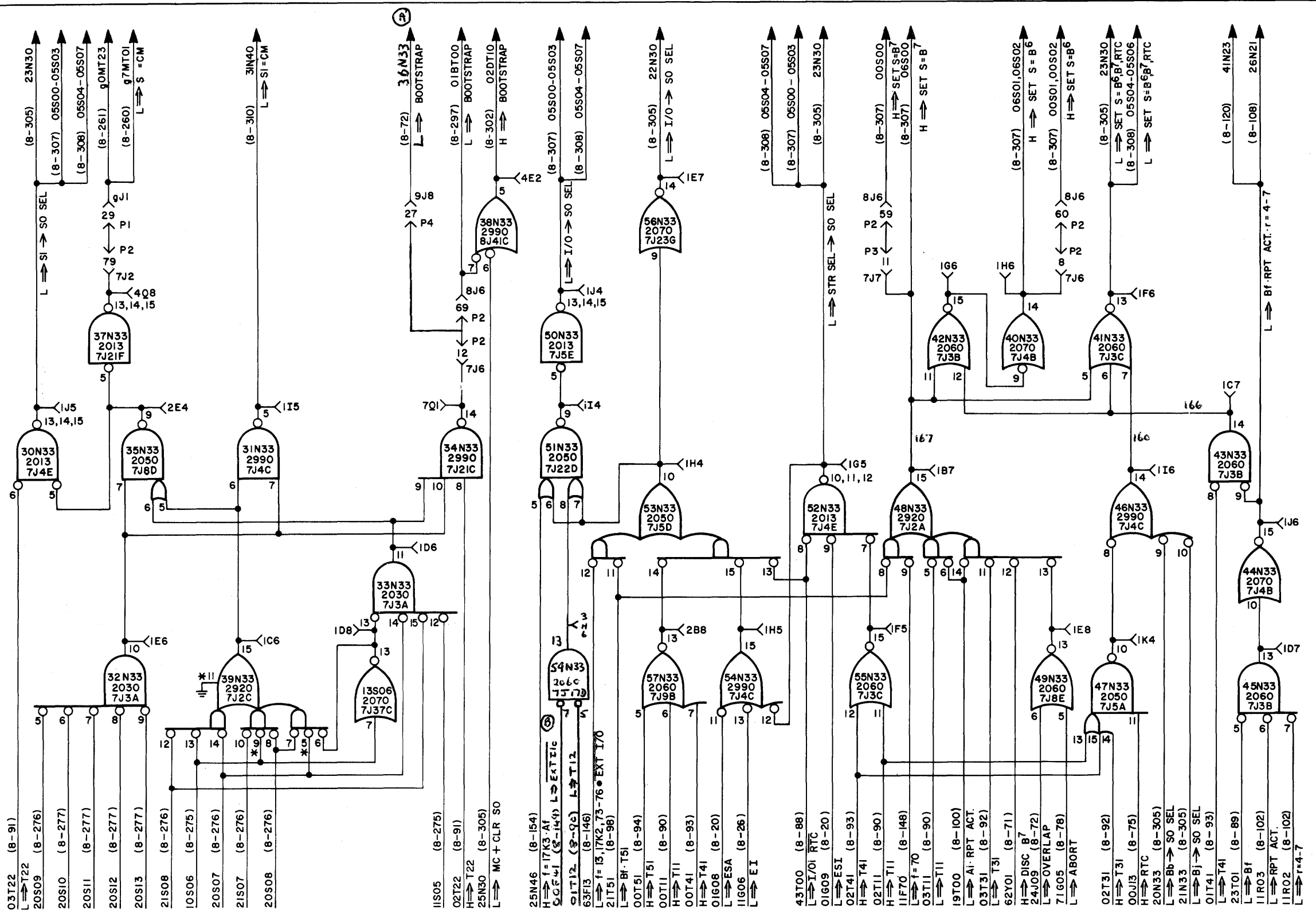
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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE ON
2 PLACE DECIMALS	3 PLACE DECIMALS
± .005	± .001
HOLE DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
+ .003	+ .005
- .002	- .003
THREADS: EXCEPT 2A, INT CL 2B	
MATERIAL	FINISH
NEXT ASBY	EQUIPMENT
APPLICATION	
COMMODITY CODE	

LAYOUT	DATE
DRAFTSMAN	2-13-65
CHECKER	
ENGINEER	
APPROVAL	

R. CALTON	
B. POPOV	9-15-65
N. MACORIE	9-15-65

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A	E13243		17 BIT MODE + BOOTSTRAP COMPATIBILITY	
B	E13356		EXT I/O ENABLE CORRECTION.	



NOTE:
 * DENOTES WIRE REMOVED FOR 256
 WORD CONTROL MEMORY OPERATION.

FIGURE 8-306

QTY	REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
UNIVAC							
DIVISION OF SPERRY RAND CORPORATION							
TITLE							
FUNCTIONAL SCHEMATIC, S0 SELECT COMMAND ENABLES							
CLASS							
A							
DATE							
12-6-66							
DRAFTSMAN							
E. BICKETT							
CHECKER							
B. POPOV							
ENGINEER							
D. FREE							
APPROVED							
<i>D. Free</i>							
CODE IDENT NO.							
90536							
SIZE							
D							
DWG NO.							
7075236							
SCALE							
WEIGHT							
SHEET OF							

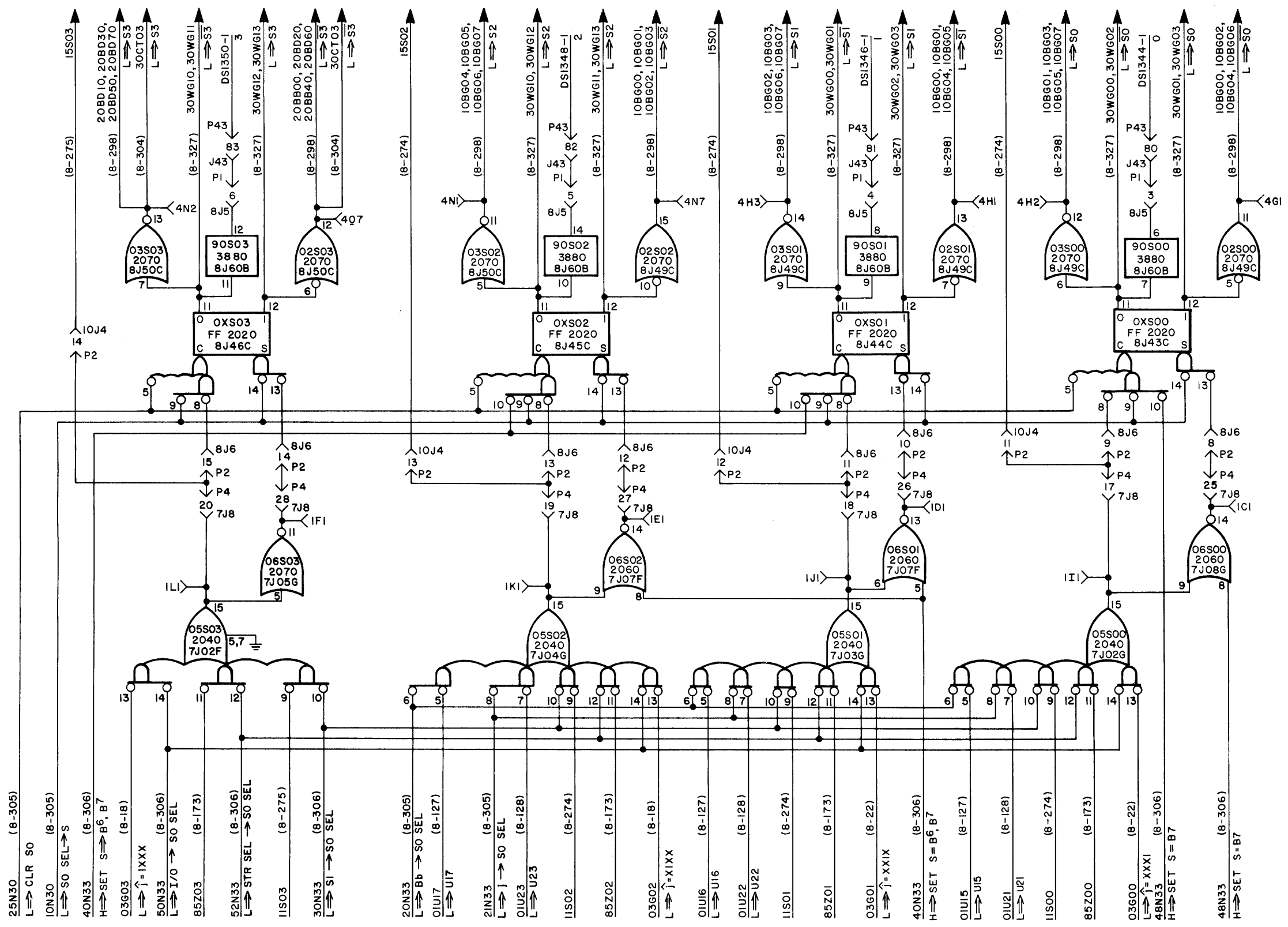
IDENT NO. 7075236-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE
2 PLACE DECIMALS	3 PLACE DECIMALS
±.003	±.005
±.002	±.005
HOLD DIAMETER TOLERANCE	
0 THRU .250	±.005
.251 THRU .500	±.005
.501 & LARGER	±.010
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	FINISH
APPLICATION	EQUIPMENT
COMMODITY CODE	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71699	SEE EIR		11/1/60	[Signature]
B		77400	SEE EIR		12/22/60	[Signature]



25N30 (8-305) L → CLR SO
 10N30 (8-305) L → SO SEL → S
 40N33 (8-306) H → SET S → B⁶, B⁷
 03G03 (8-18) L → j = IXXX
 50N33 (8-306) L → I/O → SO SEL
 85Z03 (8-173)
 52N33 (8-306) L → STR SEL → SO SEL
 11S03 (8-275)
 30N33 (8-306) L → SI → SO SEL
 20N33 (8-305) L → Bb → SO SEL
 01U17 (8-127) L → UI7
 21N33 (8-305) L → j → SO SEL
 01U23 (8-128) L → U23
 11S02 (8-274)
 85Z02 (8-173)
 03G02 (8-18) L → j = X1XX
 01U16 (8-127) L → UI6
 01U22 (8-128) L → U22
 11S01 (8-274)
 85Z01 (8-173)
 03G01 (8-22) L → j = XXIX
 40N33 (8-306) H → SET S = B⁶, B⁷
 01U15 (8-127) L → UI5
 01U21 (8-128) L → U21
 11S00 (8-274)
 85Z00 (8-173)
 03G00 (8-22) L → j = XXXI
 48N33 (8-306) H → SET S = B⁷
 48N33 (8-306) H → SET S = B⁷

FIGURE 8-307

QTY	REQD	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL								
DESIGNER F. MANNING				DATE 6-7-65		CLASS A		
CHECKER B. POPOV				DATE 9-15-65		TITLE FUNCTIONAL SCHEMATIC, SO SELECT & SO REGISTER BITS 00-03		
ENGINEER N. MACRODIE				DATE 9-15-65		CODE IDENT NO. SIZE DWG NO. 90536 D 7032684		
APPROVAL <i>[Signature]</i>				DATE 9-15-65		SCALE WEIGHT SHEET 1 OF 1		

IDENT NO 7032684-00

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	APP'D

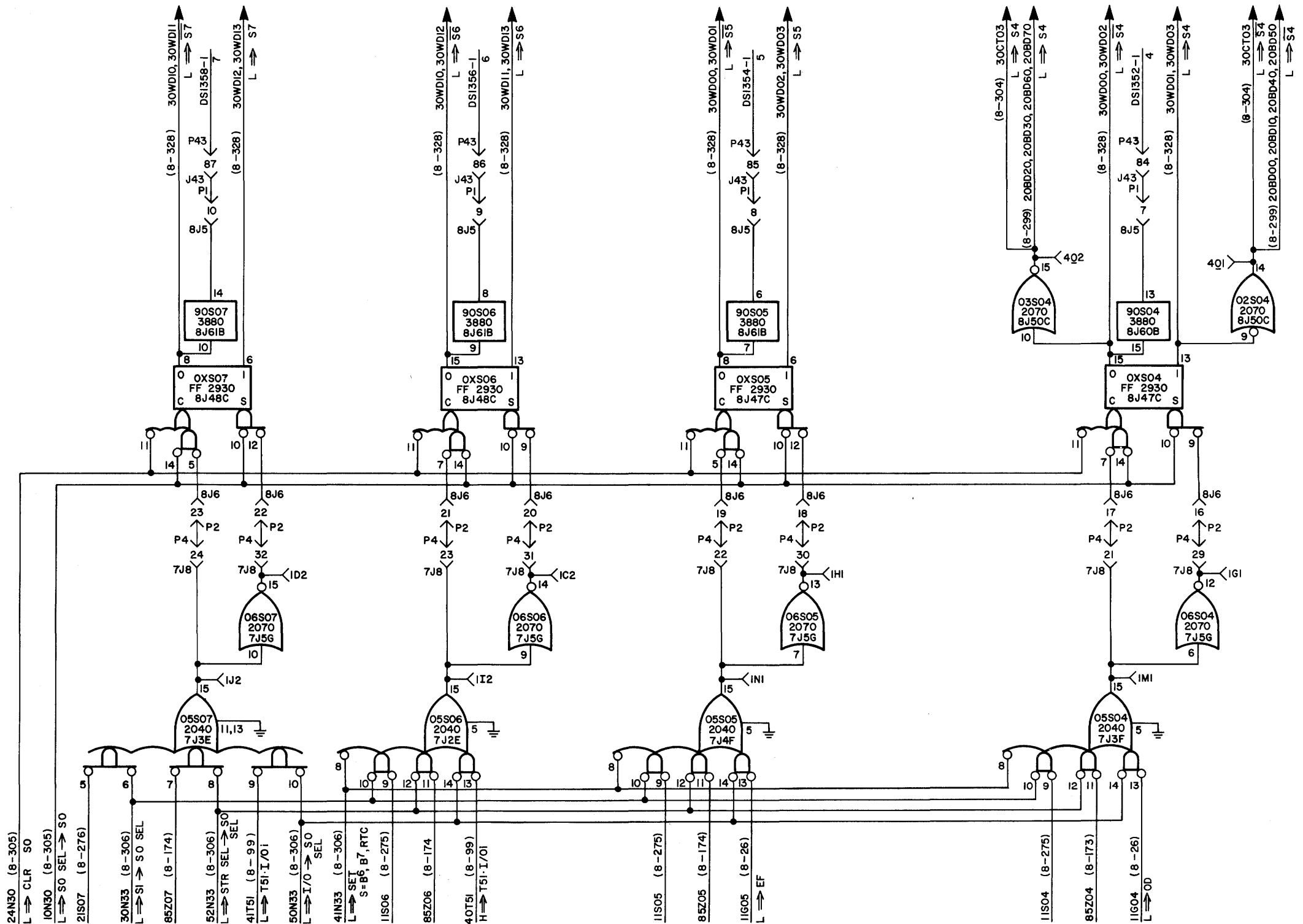


FIGURE 8-308

QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LAYOUT		DATE	CLASS
DRAFTSMAN	D.MUHS	6-4-65	A
CHECKER	B.POPOV	9-15-65	
ENGINEER	N. MACRORE	9-15-65	
APPROVAL	<i>[Signature]</i>	9-15-65	

LIST OF MATERIAL		
UNIVAC		
DIVISION OF SPERRY RANG CORPORATION		
FUNCTIONAL SCHEMATIC,		
S0 SELECT & S0 REGISTER		
BITS 04-07		
CODE IDENT NO.	SIZE	DWG NO.
90536	D	7032685
SCALE	WEIGHT	SHEET OF

IDENT NO. 7032685-00

APPLICATION	DATE

REVISIONS				
SYM	DATE	EIR	DESCRIPTION	APPROVED
A	71699	SEE EIR		8/11/65
B	77400	SEE EIR		8/22/65

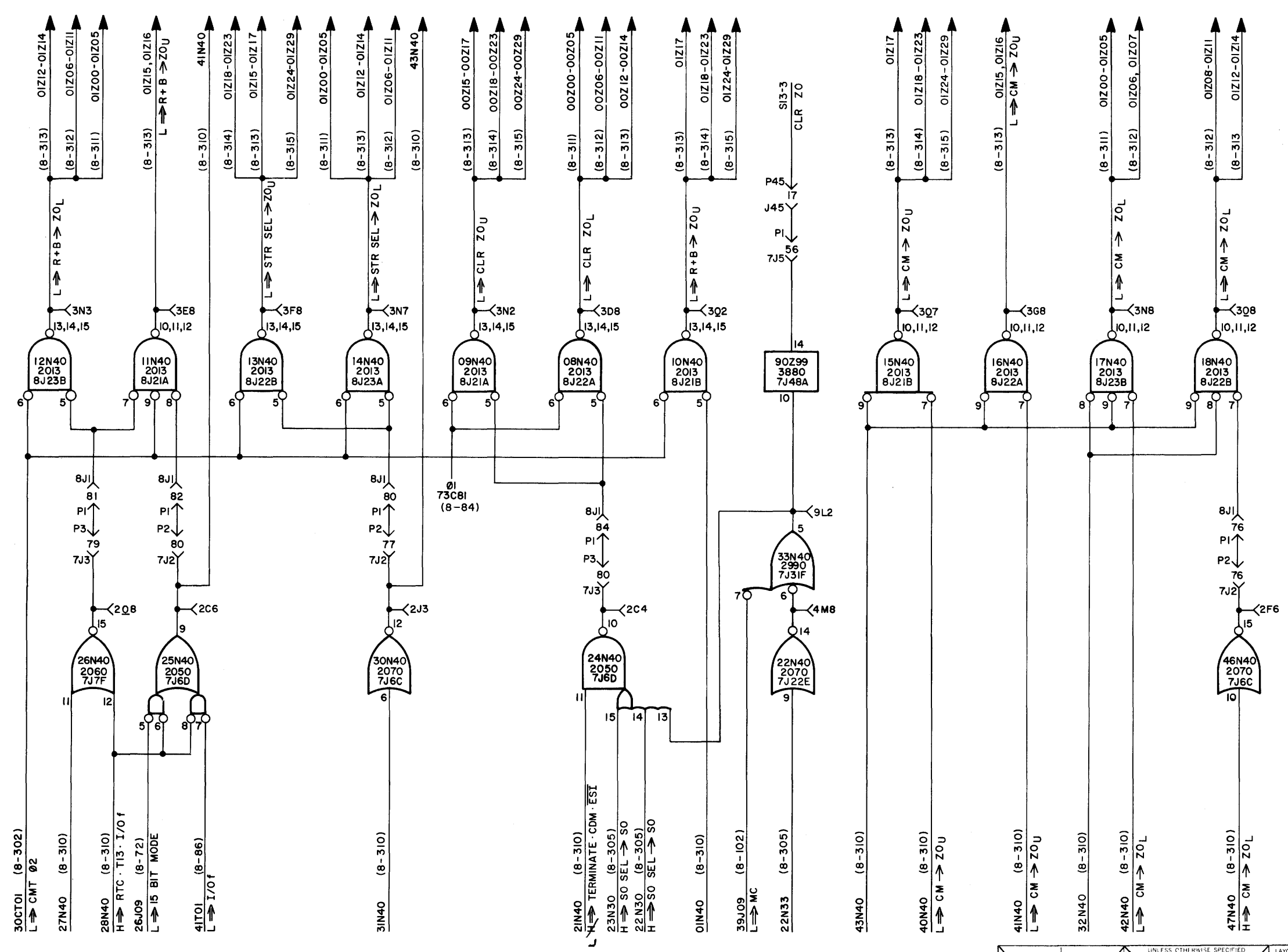


FIGURE 8-309

QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL			
UNLESS OTHERWISE SPECIFIED	LAYOUT	DATE	CLASS
DIMENSION IN INCHES: TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS 1 ANGLES	DRAFTSMAN	6-16-65	A
HOLE DIAMETER TOLERANCE	CHECKER		
Ø THRU .250 +.003 - .002	B. POPOV	9-15-65	
.251 THRU .500 +.005 - .003	ENGINEER		
.501 & LARGER +.010 - .005	N. MACORRIE	9-15-65	
THREADS: EXCEPT INT CL 2B	APPROVAL		

IDENT NO. 7032669-00	UNIVAC
FUNCTIONAL SCHEMATIC, Z0 COMMAND ENABLES I	
90536	7032669

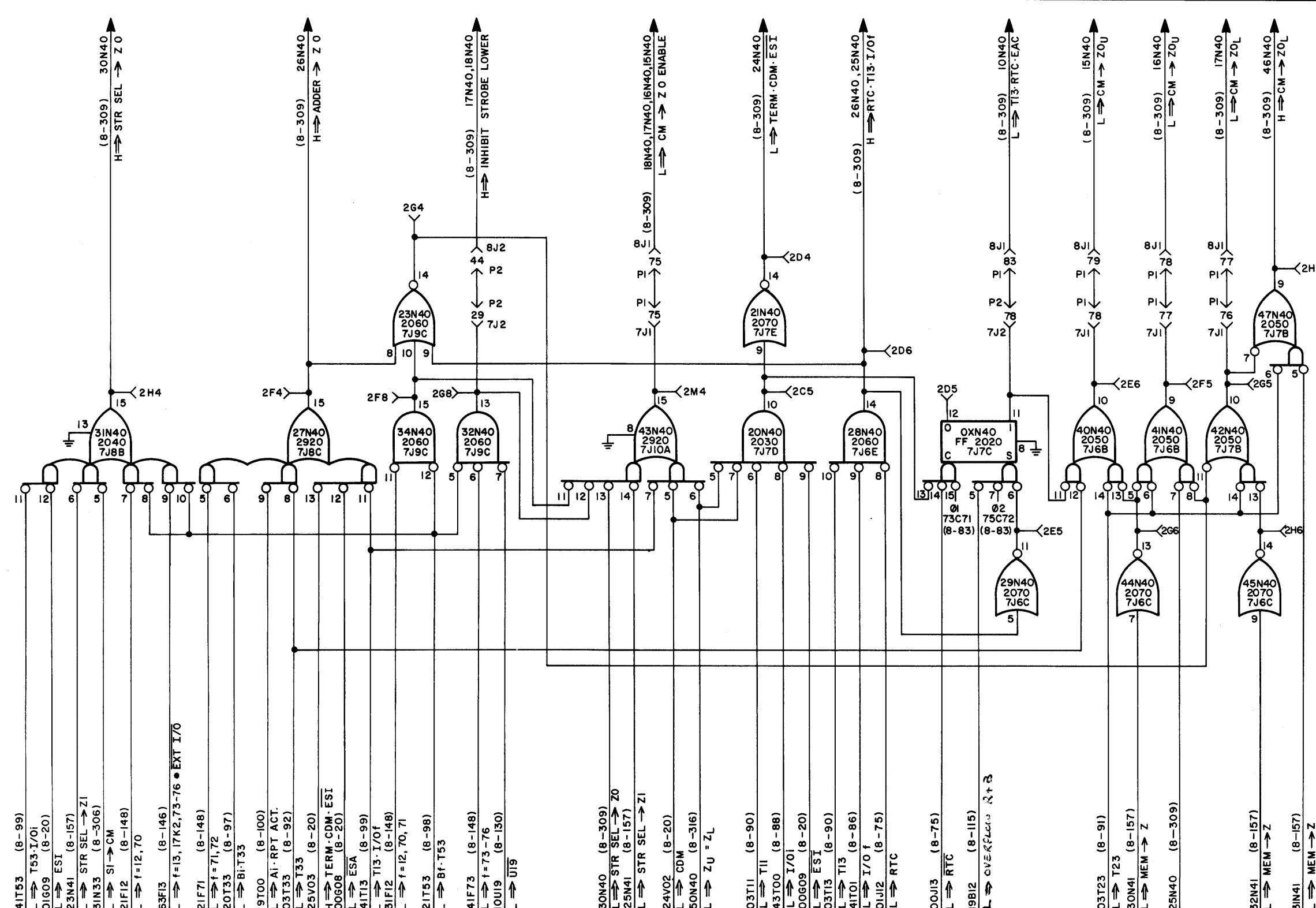
IDENT NO. 7032669-00

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FINISH	
APPLICATION	
EQUIPMENT	
NEXT ASSEMBLY	

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION



- 41T53 (8-99) L → T53-I/O1
- 01G09 (8-20) L → CSI
- 23N41 (8-157) L → STR SEL → Z1
- 31N33 (8-306) L → SI → CM
- 21F12 (8-148) L → f=12, 70
- 63F13 (8-146) L → f=13, 17K2, 73-76 • EXT I/O
- 21F71 (8-148) L → f=71, 72
- 20T33 (8-97) L → Bi-T33
- 19T00 (8-100) L → Ai-RPT ACT.
- 03T33 (8-92) L → T33
- 25V03 (8-20) H → TERM-CDM-ESI
- 00G08 (8-20) L → ESA
- 41T13 (8-99) L → T13-I/O1
- 31F12 (8-148) L → f=12, 70, 71
- 21T53 (8-98) L → B-T53
- 41F73 (8-148) L → f=73-76
- 10U19 (8-130) L → U19
- 30N40 (8-309) L → STR SEL → Z0
- 25N41 (8-157) L → STR SEL → Z1
- 24V02 (8-20) L → CDM
- 50N40 (8-316) L → ZU = ZL
- 03T11 (8-90) L → T11
- 43T00 (8-88) L → I/O1
- 00G09 (8-20) L → CSI
- 03T13 (8-90) L → T13
- 41T01 (8-86) L → I/O1
- 01J12 (8-75) L → RTC
- 00J13 (8-75) L → RTC
- 19B12 (8-115) L → OVERFLOW N+R
- 03T23 (8-91) L → T23
- 30N41 (8-157) L → MEM → Z
- 25N40 (8-309) L → MEM → Z
- 32N41 (8-157) L → MEM → Z
- 31N41 (8-157) L → MEM → Z

FIGURE 8-310

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
UNLESS OTHERWISE SPECIFIED				LAYOUT			
DIMENSION IN INCHES. TOLERANCE OR				DATE			
2 PLACE DECIMALS				CLASS			
3 PLACE DECIMALS				A			
ANGLES				DRAFTSMAN			
=				E. BICKETT			
HOLE DIAMETER TOLERANCE				CHECKER			
0 THRU .390 +.003				B. POPOV			
.391 THRU .500 +.005				ENGINEER			
.501 & LARGER +.010				D. FREE			
-.002				APPROVAL			
THREADS: EXT. CL. INT. CL. 2B				DATE			
MATERIAL				3-31-67			
FINISH				3-31-67			
NEXT ASSY				COMMODITY CODE			
EQUIPMENT				APPLICATION			
APPLICATION				SCALE			
COMMODITY CODE				WEIGHT			
FINISH				SHEET			
				OF			

IDENT NO. 7075237-00

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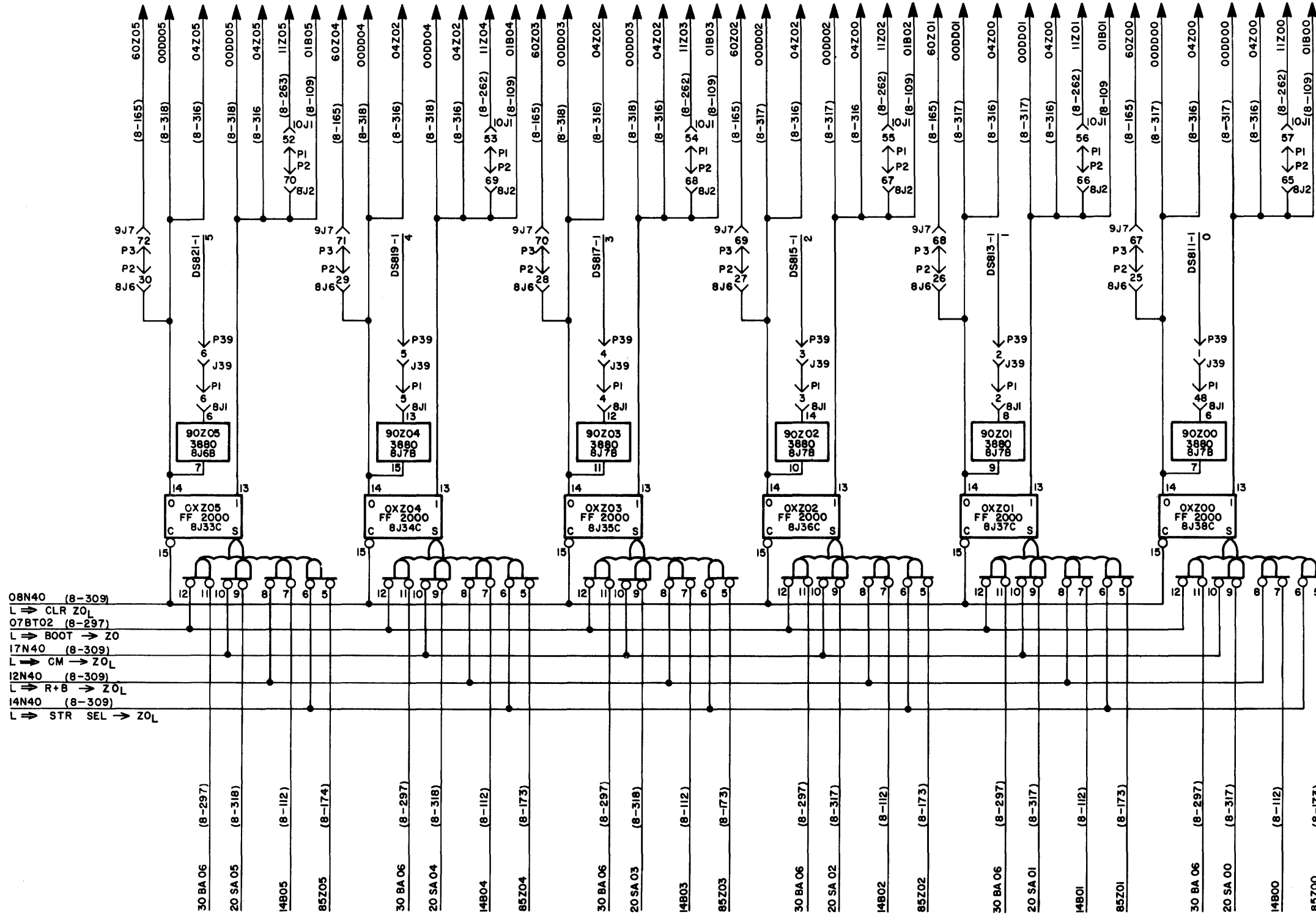
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UNIVAC
DIVISION OF SPERRY RAND CORPORATION

**FUNCTIONAL SCHEMATIC,
Z0 COMMAND ENABLES 2**

CODE IDENT NO. **90536** SIZE **D** DWG NO. **7075237**

REVISIONS				CHK	DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION			
A		71702	SEE EJR		8/20-28-65	<i>[Signature]</i>



08N40 (8-309)
 L → CLR Z0
 07BT02 (8-297)
 L → BOOT → Z0
 17N40 (8-309)
 L → CM → Z0L
 12N40 (8-309)
 L → R+B → Z0L
 14N40 (8-309)
 L → STR SEL → Z0L

FIGURE 8-311

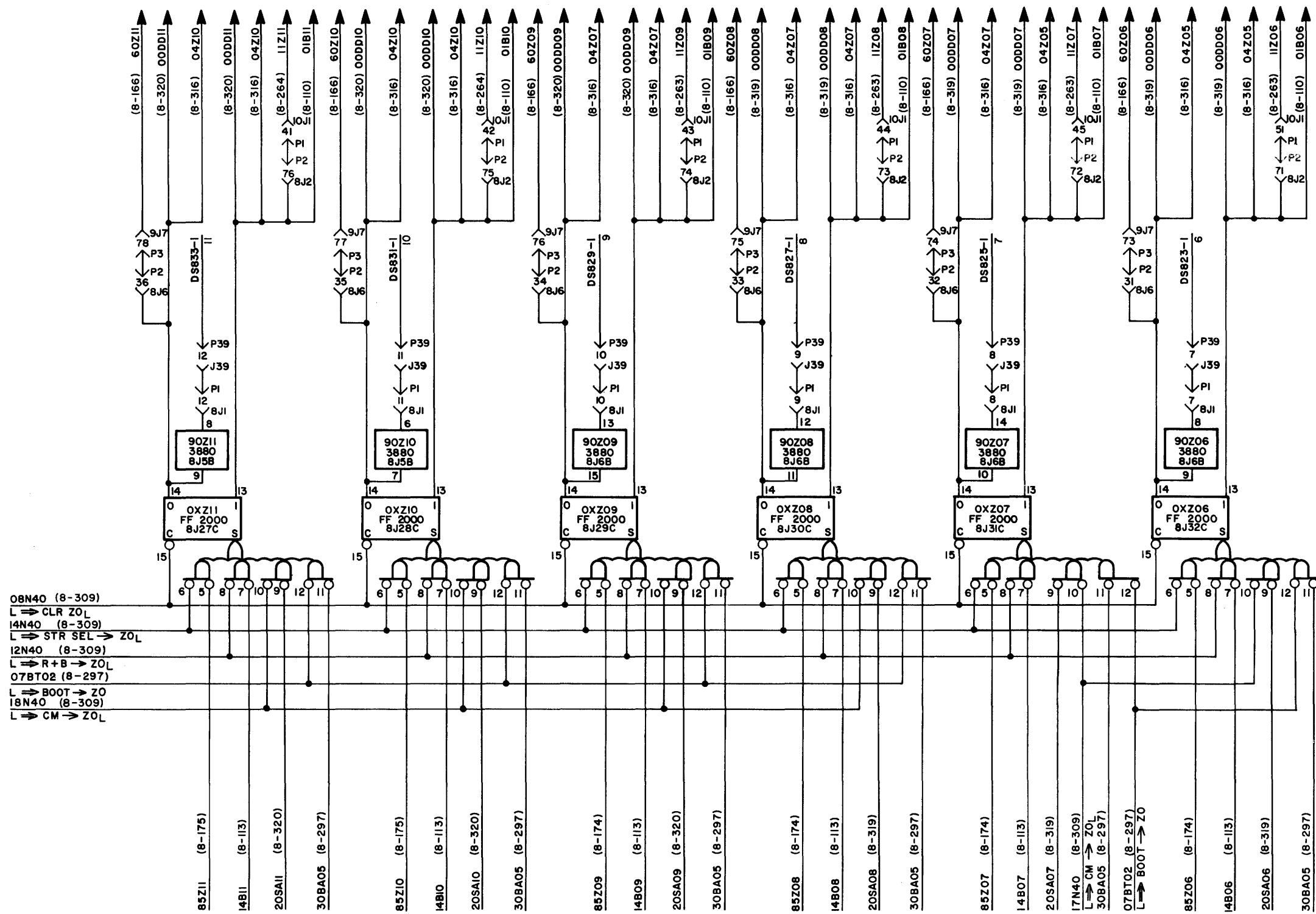
QTY	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNIVAC						
DIVISION OF SPERRY RAND CORPORATION						
TITLE: FUNCTIONAL SCHEMATIC, ZO REGISTER BITS 00-05						
CLASS: A						
DATE: 2-4-65						
DRAFTSMAN: J. R. CURTIS						
CHECKER: B. POPOV						
ENGINEER: N. MACRORE						
APPROVAL: <i>[Signature]</i>						
CODE IDENT NO.: 90536						
SIZE: D						
DWG NO.: 7032673						
SCALE: _____						
WEIGHT: _____						
SHEET OF						

IDENT NO. 7032673-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS	± .005
DIMENSION IN INCHES. TOLERANCE ON 3 PLACE DECIMALS	± .0005
ANGLES	± .010
HOLE DIAMETER TOLERANCE	± .0005
9 THRU 20	± .0005
21 THRU 50	± .0005
51 THRU 100	± .0005
101 & LARGER	± .0010
THREADS: EXPT. CL. SA. INT. CL. 2B	
MATERIAL	
FINISH	
APPLICATION	
EQUIPMENT	
COMMODITY CODE	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71702	SEE EIR	6/28/65



O8N40 (8-309)
L → CLR Z0L
14N40 (8-309)
L → STR SEL → Z0L
12N40 (8-309)
L → R+B → Z0L
07BTO2 (8-297)
L → BOOT → Z0
18N40 (8-309)
L → CM → Z0L

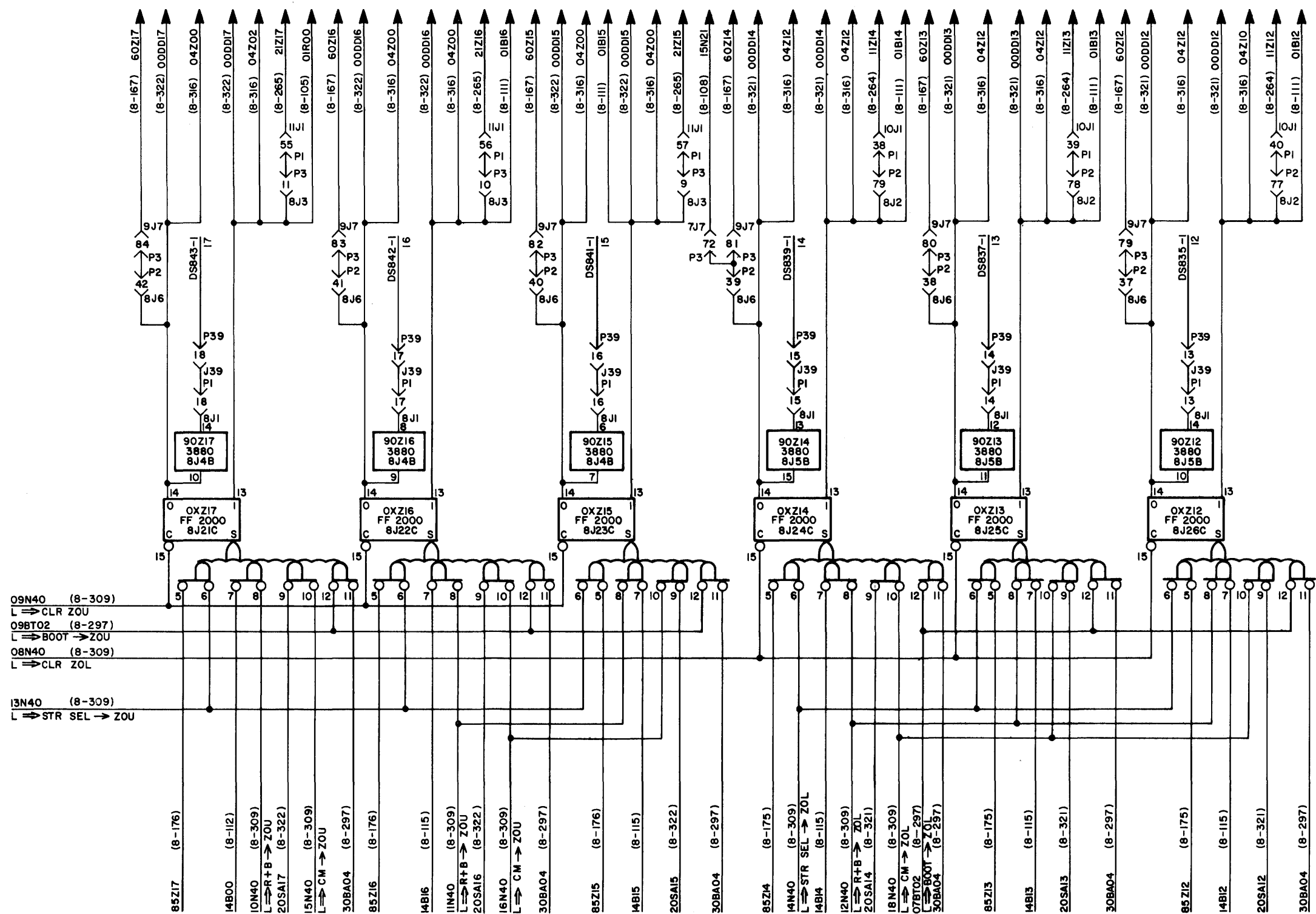
FIGURE 8-312

IDENT NO. 7032674-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS
DIMENSION IN INCHES. TOLERANCE ON		J. R. CURTIS		2-4-65	A
2 PLACE DECIMALS	3 PLACE DECIMALS	DRAFTSMAN			
±	±	CHECKER			
		B. POPOV			
HOLE DIAMETER TOLERANCE		ENGINEER			
0 THRU .250	.251 THRU .500	N. MACROBIE			
+ .003	+ .005	APPROVAL			
-.002	-.005	9-15-65			
THREADS: EXT. CL. 2A, INT. CL. 2B		COMMODITY CODE			
		FINISH			
		MATERIAL			
		NEXT ASSY			
		EQUIPMENT			
		APPLICATION			
		LIST OF MATERIAL			
QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.
					NOMENCLATURE OR DESCRIPTION
UNIVAC					
DIVISION OF SPERRY RAND CORPORATION					
TITLE					
FUNCTIONAL SCHEMATIC					
Z0 REGISTER					
BITS O6-11					
CODE IDENT NO.	SIZE	DWG NO.			
90536	D	7032674			
SCALE	WEIGHT	SHEET		OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71702	SEE EIR	102865



09N40 (8-309)
L → CLR ZOU

09BT02 (8-297)
L → BOOT → ZOU

08N40 (8-309)
L → CLR ZOL

13N40 (8-309)
L → STR SEL → ZOU

FIGURE 8-313

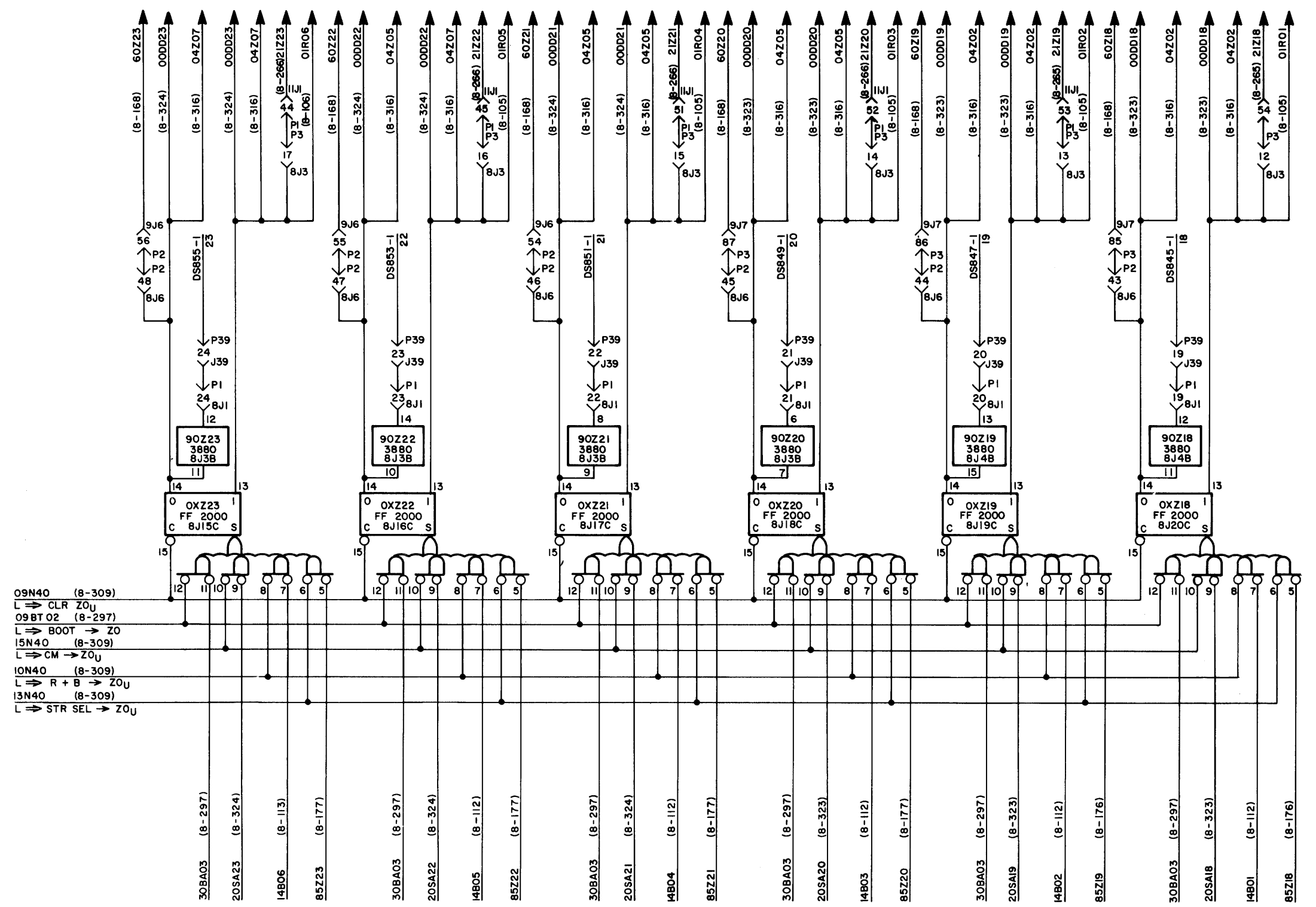
IDENT NO. 7032675-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS
DIMENSION IN INCHES	TOLERANCE OR 2 PLACE DECIMALS	3 PLACE DECIMALS	ANGLES	2-3-65	A
HOLE DIAMETER TOLERANCE	0 THRU .250	+.003	+.005	9-15-65	
	.251 THRU .500	+.003	+.010	9-8-65	
	.501 & LARGER	+.003	-.005		
THREADS	EXT. CL. INT. CL. 2B				
MATERIAL					
FINISH					
COMMODITY CODE					
APPLICATION					
NEXT ASSEMBLY					
EQUIPMENT					
DRAWN BY J.R. CURTIS		CHECKED BY B. POPOV		ENGINEER N. MACRORE	
APPROVED BY [Signature]		DATE 9-15-65		SCALE	
PART OR IDENTIFYING NO.		NOMENCLATURE OR DESCRIPTION		LIST OF MATERIAL	
90536		FUNCTIONAL SCHEMATIC, Z0 REGISTER BITS 12-17		UNIVAC DIVISION OF SPERRY RAND CORPORATION	
SIZE D		DWG NO. 7032675		SHEET 1 OF 1	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71702	SEE EIR		10-28-65	[Signature]



O9N40 (8-309)
 L → CLR Z0
 O9BT 02 (8-297)
 L → BOOT → Z0
 I5N40 (8-309)
 L → CM → Z0
 ION40 (8-309)
 L → R + B → Z0
 I3N40 (8-309)
 L → STR SEL → Z0

FIGURE 8-314

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
				UNIVAC			
				DIVISION OF SPERRY RAND CORPORATION			
				CLASS			
				A			
				DATE			
				2-4-65			
				DRAFTSMAN			
				J. R. CURTIS			
				CHECKER			
				B. POPOV			
				ENGINEER			
				N. MACRODIE			
				APPROVAL			
				[Signature]			
				TITLE			
				FUNCTIONAL SCHEMATIC, Z0 REGISTER BITS 18-23			
				CODE IDENT NO.			
				90536			
				SIZE			
				D			
				DWG NO.			
				7032676			
				SCALE			
				WEIGHT			
				SHEET			
				1			

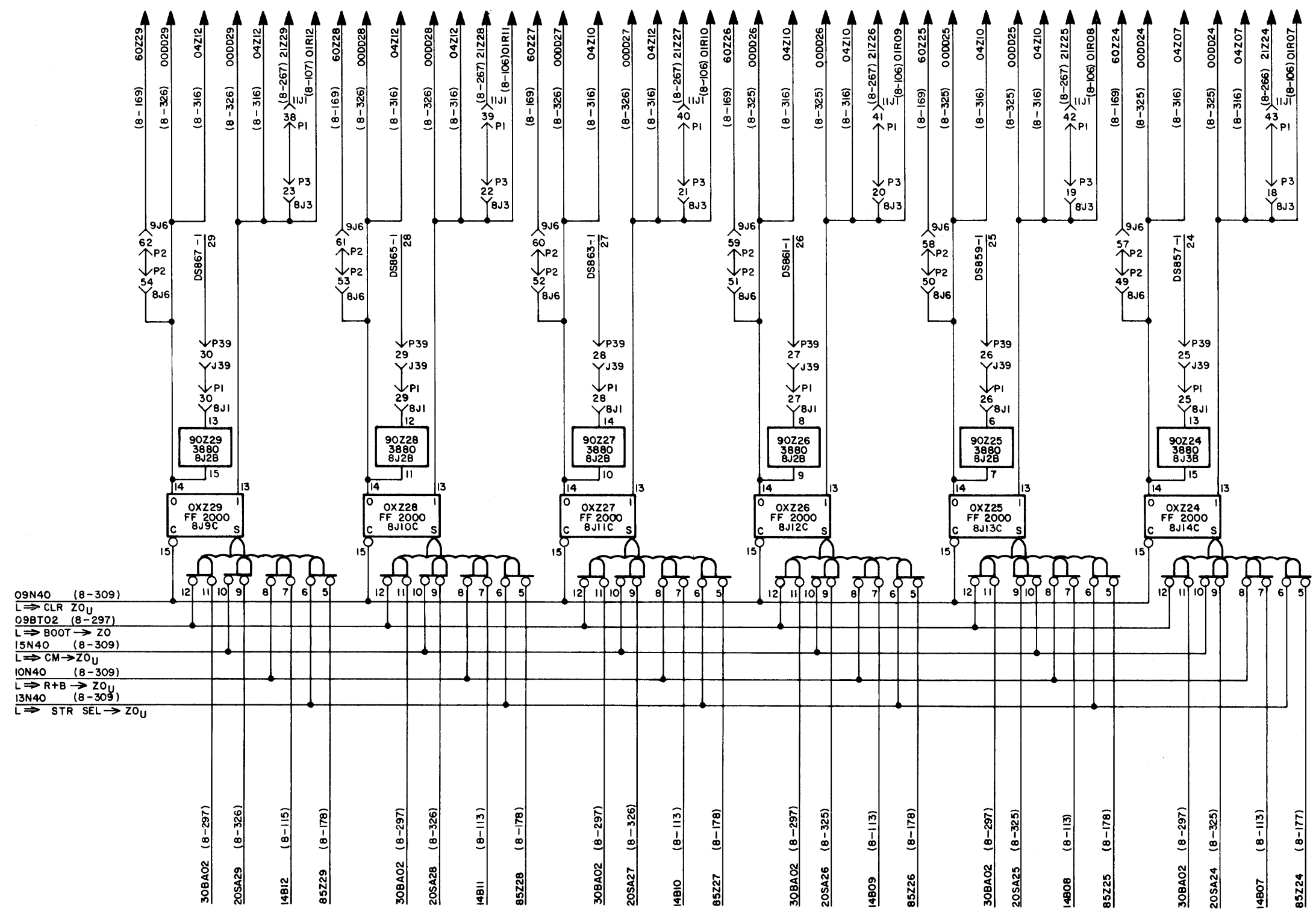
IDENT NO. 7032676-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE ON
2 PLACE DECIMALS	3 PLACE DECIMALS
± .005	± .002
HOLE DIAMETER TOLERANCE	
0 THRU .250	.251 THRU .500
+ .003	+ .005
- .002	- .005
THREADS: EXT. CL. INT. CL. 2B	
MATERIAL	
FINISH	
LAYOUT	
DATE	
CLASS	
A	
TITLE	
FUNCTIONAL SCHEMATIC, Z0 REGISTER BITS 18-23	
CODE IDENT NO.	
90536	
SIZE	
D	
DWG NO.	
7032676	
SCALE	
WEIGHT	
SHEET 1 OF 1	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71702	SEE EIR	8/10/28-65



09N40 (8-309)
 L → CLR Z0_U
 09BT02 (8-297)
 L → BOOT → Z0
 15N40 (8-309)
 L → CM → Z0_U
 10N40 (8-309)
 L → R+B → Z0_U
 13N40 (8-309)
 L → STR SEL → Z0_U

FIGURE 8-315

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
						CLASS	A
						DATE	2-4-65
						DRAFTSMAN	J. R. CURTIS
						CHECKER	B. POPOV
						ENGINEER	N. MACRORE
						APPROVAL	<i>[Signature]</i>
						CODE IDENT NO.	90536
						SIZE	D
						DWG NO.	7032677
						SCALE	
						WEIGHT	
						SHEET	OF

IDENT NO. 7032677-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE
2 PLACE DECIMALS	± .005
3 PLACE DECIMALS	± .0005
ANGLES	± .005
HOLE DIAMETER TOLERANCE	
0 THRU .250	± .005
.251 THRU .500	± .005
.501 & LARGER	± .010
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	FINISH
NEXT ASSY	EQUIPMENT
APPLICATION	
COMMODITY CODE	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A		71702	SEE EIR	10/28/65	[Signature]

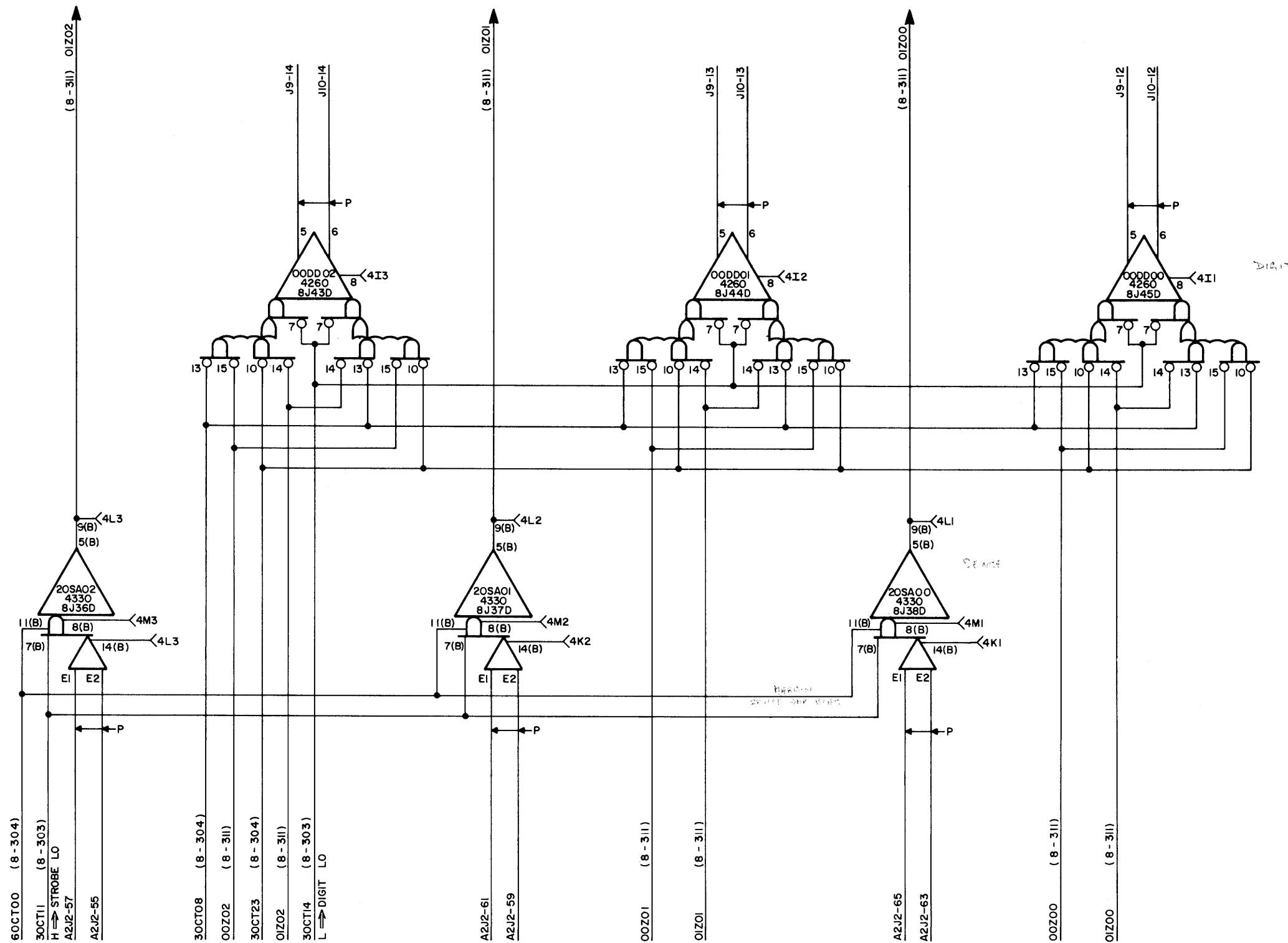


FIGURE 8-317

QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

IDENT NO. 7035480-00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES, TOLERANCE ON 2 PLACE DECIMALS		DRAFTSMAN		8-31-65		A	
HOLE DIAMETER TOLERANCE		D.C. WHEELER		CHECKER		TITLE	
0 THRU .250 ±.003		B. POPOV		ENGINEER		FUNCTIONAL SCHEMATIC, SENSE AMP, DIGIT DRIVERS BITS 00-02	
.251 THRU .500 ±.005		C. HOGENSON		APPROVAL		CODE IDENT NO.	
.501 & LARGER ±.010		[Signature]		[Signature]		90536	
THREADS: EXT. CL. INT. CL. 2B		MATERIAL		COMMODITY CODE		SIZE	
		FINISH				D	
						DWG NO.	
						7035480	
						SCALE	
						WEIGHT	
						SHEET OF	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71702	SEE EIR		10-28-65	<i>[Signature]</i>

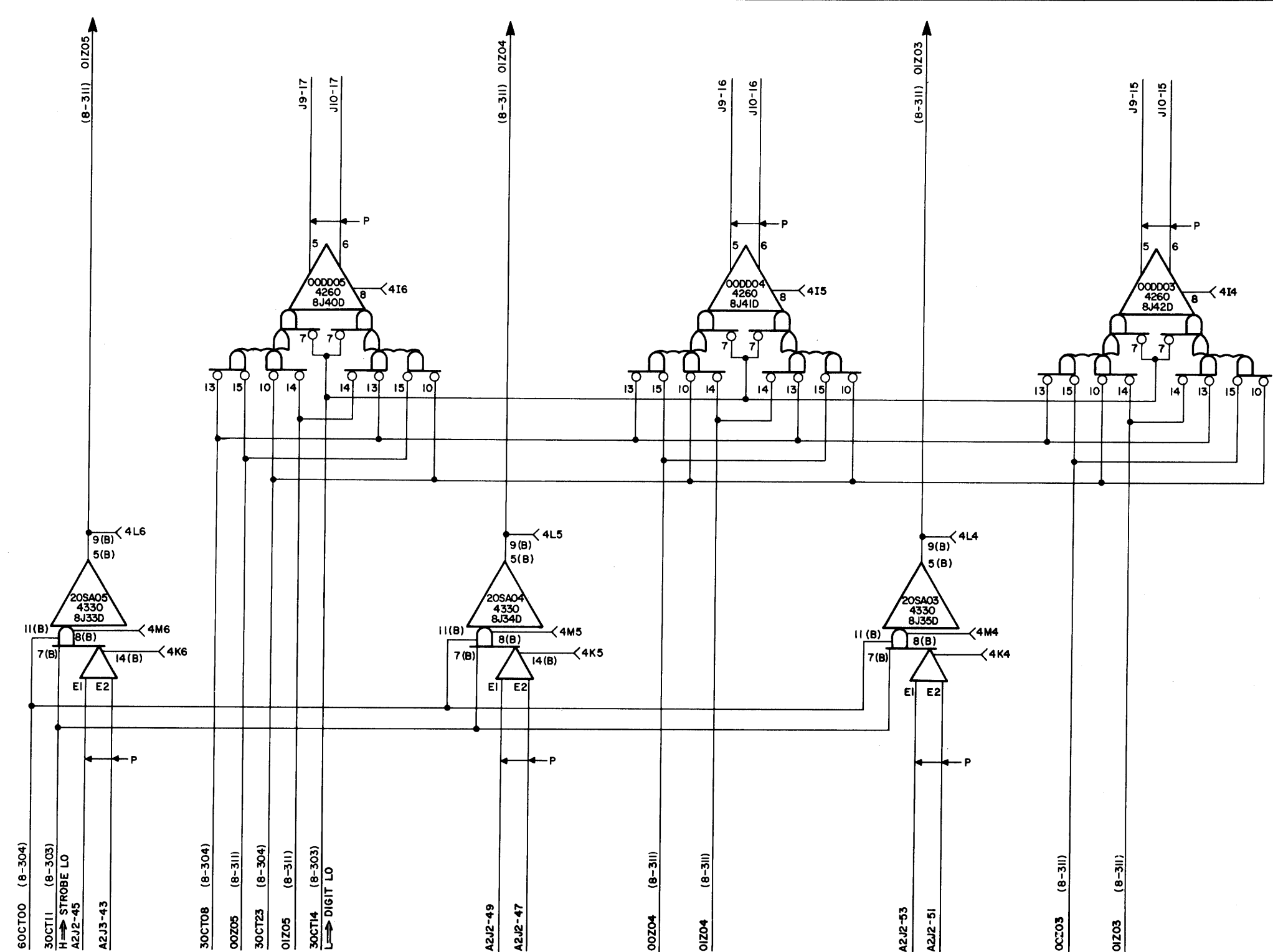


FIGURE 8-318

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							

IDENT NO. 7035481-00

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UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES ± ± ± HOLE DIAMETER TOLERANCE 8 THRU .250 .251 THRU .500 .501 & LARGER +.003 +.005 +.010 -.002 -.005 -.005 THREADS: EXT. CL. 2A, INT. CL. 2B	LAYOUT	DATE	CLASS	UNIVAC <small>DIVISION OF SPERRY RAND CORPORATION</small> FUNCTIONAL SCHEMATIC, SENSE AMP, DIGIT DRIVERS BITS 03-05	
	DRAFTSMAN	8-31-65	A		
	CHECKER	9-15-65			
	ENGINEER	9-15-65			
NEXT ASSEMBLY	EQUIPMENT	APPROVAL	CODE IDENT NO.	SIZE	DWG NO.
APPLICATION	FINISH	<i>[Signature]</i>	90536	D	7035481
COMMODITY CODE			SCALE	WEIGHT	SHEET 1 OF 1

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A		71702	SEE EIR	8/28/65	[Signature]

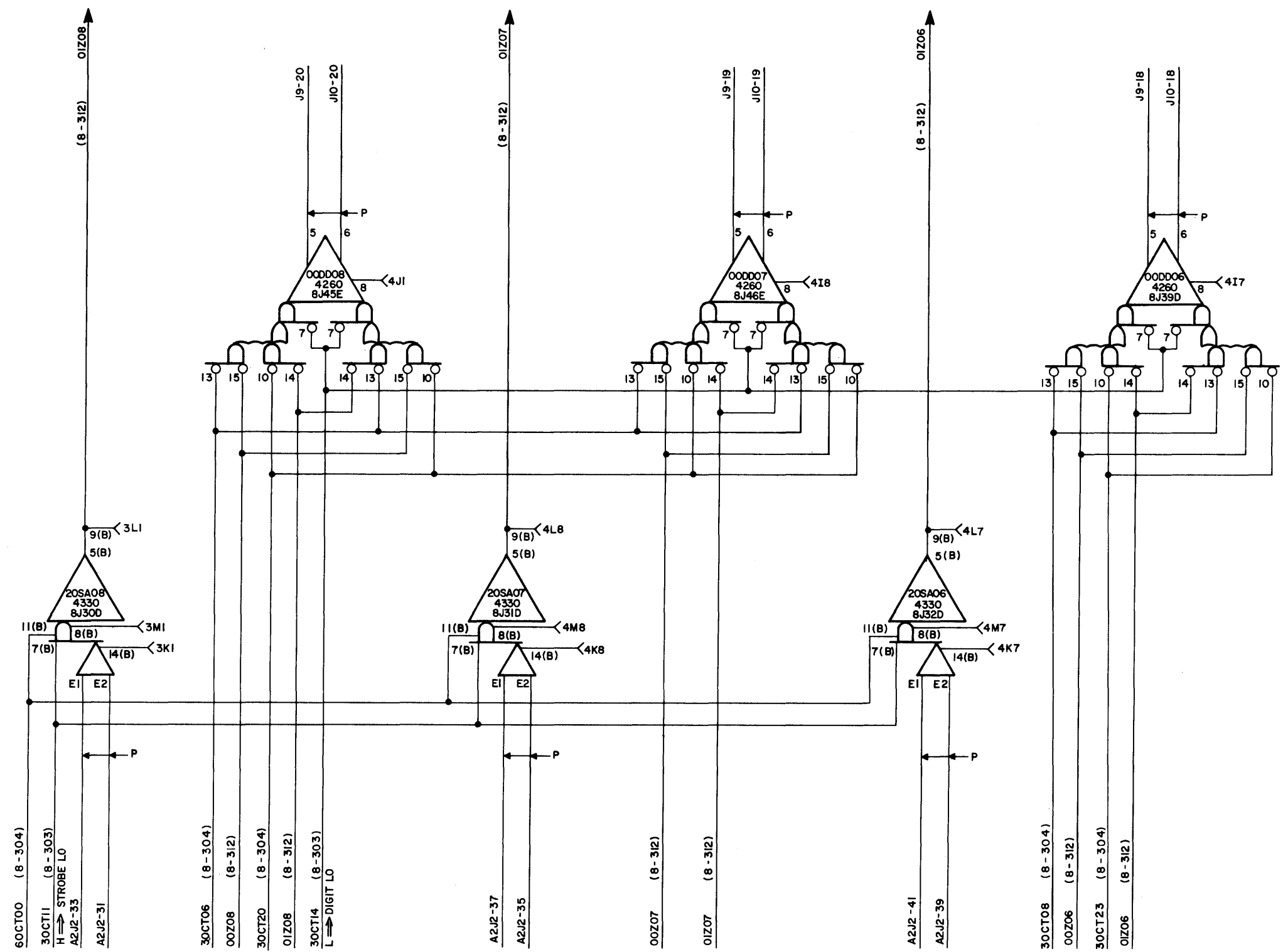


FIGURE 8-319

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	

LIST OF MATERIAL			
			CLASS A
DRAFTSMAN W. E. BOIKE		DATE 8/31/65	TITLE UNIVAC DIVISION OF SPERRY RAND CORPORATION
CHECKER B. POPOV		DATE 9-15-65	TITLE FUNCTIONAL SCHEMATIC, SENSE AMP, DIGIT DRIVERS BITS 06-08
ENGINEER C. HOGENSON		DATE 9-15-65	CODE IDENT NO. 90536
APPROVAL [Signature]		DATE 9-15-65	SIZE D
COMMODITY CODE			DWG NO. 7035482
SCALE			WEIGHT
			SHEET 1 OF 1

IDENT NO. 7035482-00

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES, TOLERANCE ON 2 PLACE DECIMALS	±
HOLE DIAMETER TOLERANCE	±
0 THRU .250	±.005
.251 THRU .500	±.005
.501 & LARGER	±.010
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	OR DATE APPROVED
A		71702	SEE EIR	8-10-65 [Signature]

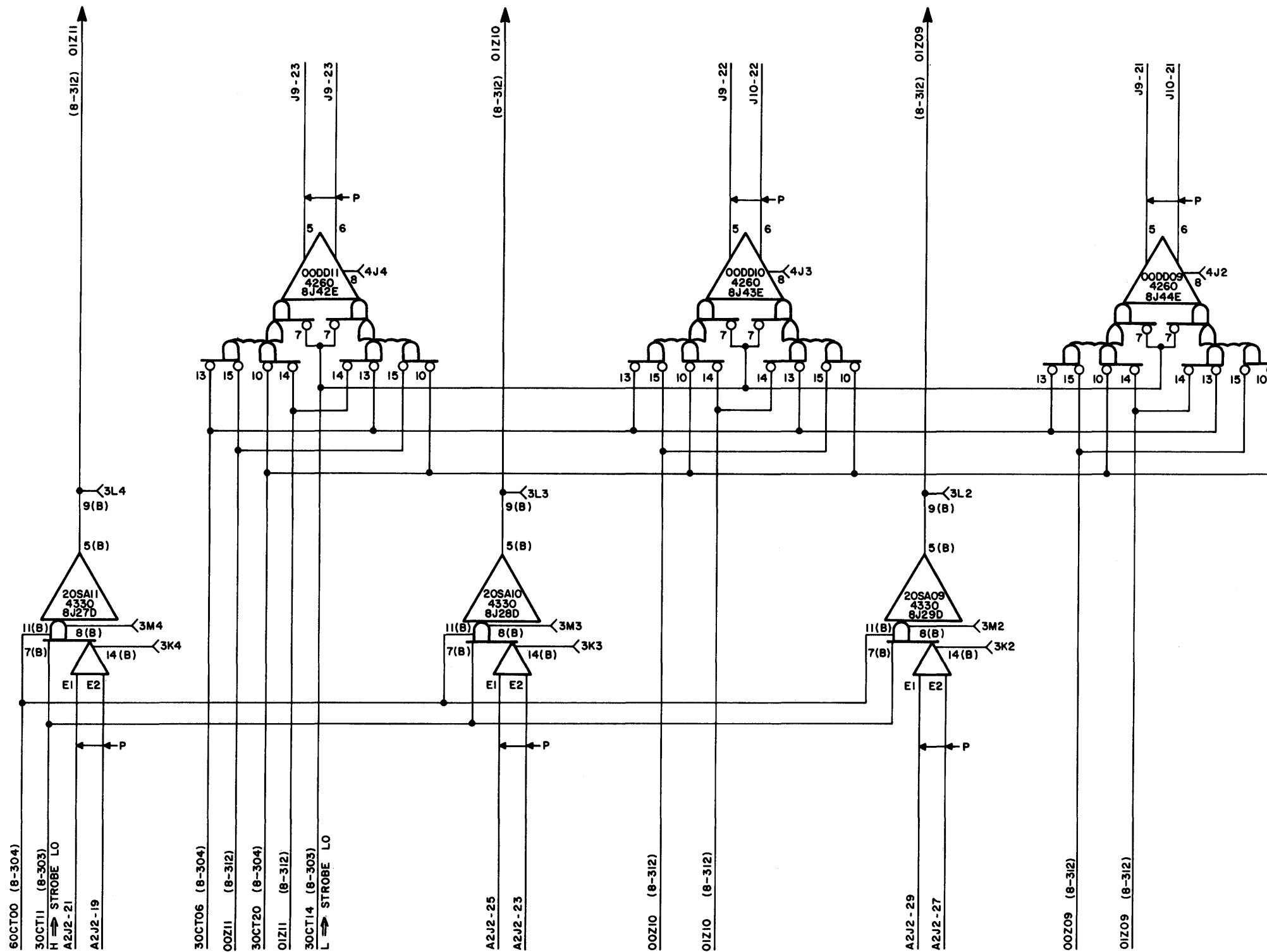


FIGURE 8-320

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
RECD				SIZE		

IDENT NO. 7035483 - 00

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS				8-31-65		A	
HOLD DIAMETER TOLERANCE							
0 THRU .250		± .003					
.251 THRU .500		± .005					
.501 & LARGER		± .010					
THREADS: EXT. CL. 2A, INT. CL. 2B							
FINISH							
MATERIAL							
NEXT ASSEMBLY EQUIPMENT							
APPLICATION							
COMMODITY CODE							
				DRAFTSMAN		R. M. BECKMAN	
				CHECKER		B. POPOV	
				ENGINEER		C. HOGENSON	
				APPROVAL		[Signature]	
				DATE		8-15-65	
				DATE		8-15-65	
CODE IDENT NO.		SIZE		DWG NO.		TITLE	
90536		D		7035483		FUNCTIONAL SCHEMATIC, SENSE AMP, DIGIT DRIVERS BITS 09-11	
SCALE		WEIGHT		SHEET		OF 1	

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A		71702	SEE EIR	4/30/65	[Signature]

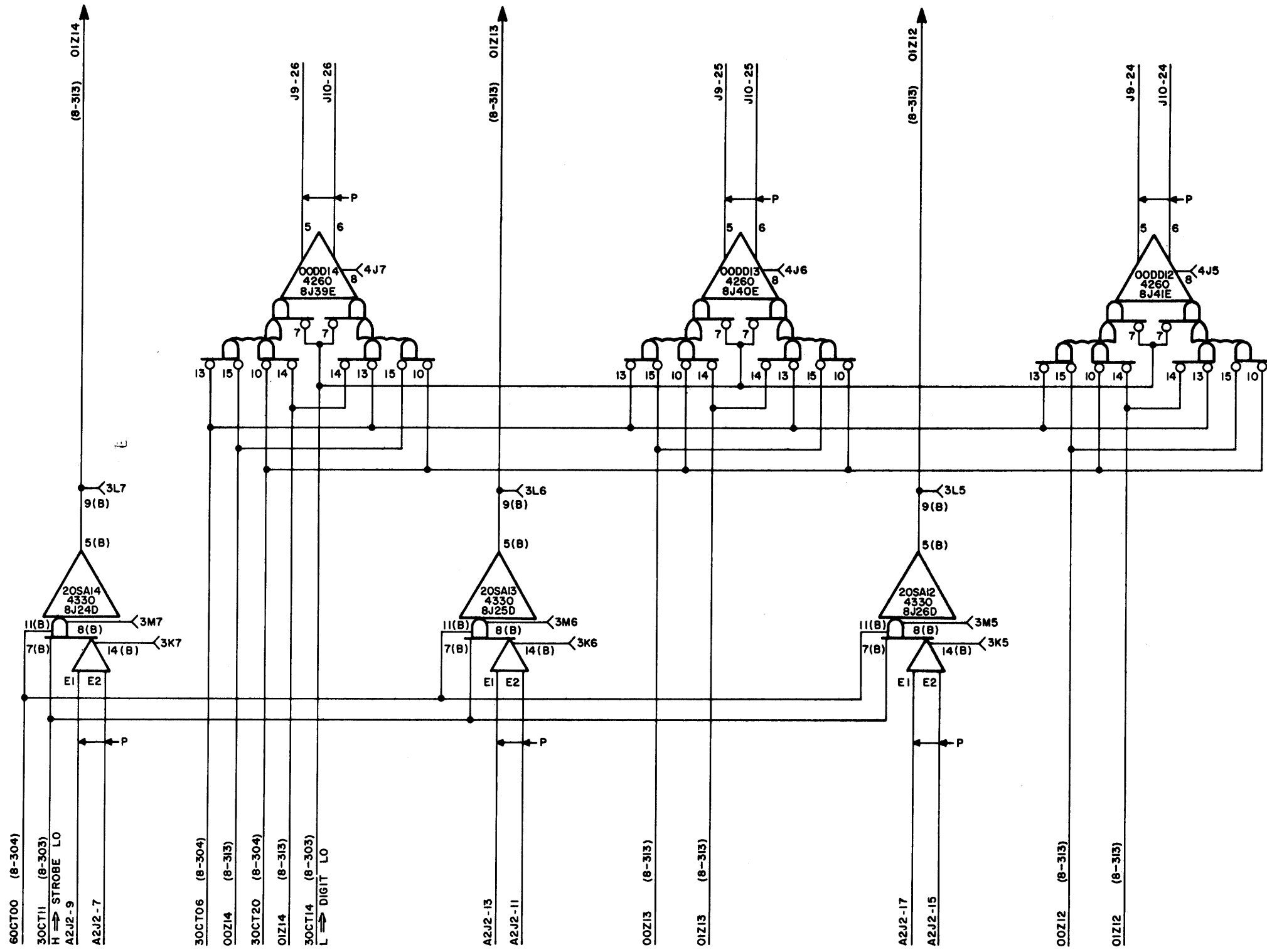


FIGURE 8-321

QTY	FIND	REF DES	CODE	SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

IDENT NO. 7035484-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS	UNIVAC	
DIMENSION IN INCHES. TOLERANCE ON		R. M. BECKMAN		8-30-65	A	DIVISION OF SPERRY RAND CORPORATION	
2 PLACE DECIMALS ±	3 PLACE DECIMALS ±	CHECKER B. POPOV				TITLE	
HOLE DIAMETER TOLERANCE		ENGINEER C. HOGENSON				FUNCTIONAL SCHEMATIC, SENSE AMP, DIGIT DRIVERS BITS 12-14	
0 THRU .250 ±.003	.251 THRU .500 ±.005	APPROVAL [Signature]				CODE IDENT NO.	SIZE
.501 THRU 1.000 ±.010						90536	D
1.001 THRU 2.000 ±.020						DWG NO.	7035484
2.001 THRU 5.000 ±.050						SCALE	WEIGHT
5.001 THRU 10.000 ±.100							SHEET 1 OF 1
10.001 THRU 25.000 ±.250							
25.001 THRU 50.000 ±.500							
50.001 THRU 100.000 ±1.000							
100.001 THRU 250.000 ±2.500							
250.001 THRU 500.000 ±5.000							
500.001 THRU 1000.000 ±10.000							
1000.001 THRU 2500.000 ±25.000							
2500.001 THRU 5000.000 ±50.000							
5000.001 THRU 10000.000 ±100.000							
10000.001 THRU 25000.000 ±250.000							
25000.001 THRU 50000.000 ±500.000							
50000.001 THRU 100000.000 ±1000.000							
100000.001 THRU 250000.000 ±2500.000							
250000.001 THRU 500000.000 ±5000.000							
500000.001 THRU 1000000.000 ±10000.000							
1000000.001 THRU 2500000.000 ±25000.000							
2500000.001 THRU 5000000.000 ±50000.000							
5000000.001 THRU 10000000.000 ±100000.000							
10000000.001 THRU 25000000.000 ±250000.000							
25000000.001 THRU 50000000.000 ±500000.000							
50000000.001 THRU 100000000.000 ±1000000.000							
100000000.001 THRU 250000000.000 ±2500000.000							
250000000.001 THRU 500000000.000 ±5000000.000							
500000000.001 THRU 1000000000.000 ±10000000.000							
1000000000.001 THRU 2500000000.000 ±25000000.000							
2500000000.001 THRU 5000000000.000 ±50000000.000							
5000000000.001 THRU 10000000000.000 ±100000000.000							
10000000000.001 THRU 25000000000.000 ±250000000.000							
25000000000.001 THRU 50000000000.000 ±500000000.000							
50000000000.001 THRU 100000000000.000 ±1000000000.000							
100000000000.001 THRU 250000000000.000 ±2500000000.000							
250000000000.001 THRU 500000000000.000 ±5000000000.000							
500000000000.001 THRU 1000000000000.000 ±10000000000.000							
1000000000000.001 THRU 2500000000000.000 ±25000000000.000							
2500000000000.001 THRU 5000000000000.000 ±50000000000.000							
5000000000000.001 THRU 10000000000000.000 ±100000000000.000							
10000000000000.001 THRU 25000000000000.000 ±250000000000.000							
25000000000000.001 THRU 50000000000000.000 ±500000000000.000							
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500000000000000.001 THRU 1000000000000000.000 ±10000000000000.000							
1000000000000000.001 THRU 2500000000000000.000 ±25000000000000.000							
2500000000000000.001 THRU 5000000000000000.000 ±50000000000000.000							
5000000000000000.001 THRU 10000000000000000.000 ±100000000000000.000							
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25000000000000000.001 THRU 50000000000000000.000 ±500000000000000.000							
50000000000000000.001 THRU 100000000000000000.000 ±1000000000000000.000							
100000000000000000.001 THRU 250000000000000000.000 ±2500000000000000.000							
250000000000000000.001 THRU 500000000000000000.000 ±5000000000000000.000							
500000000000000000.001 THRU 1000000000000000000.000 ±10000000000000000.000							
1000000000000000000.001 THRU 2500000000000000000.000 ±25000000000000000.000							
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50000000000000000000000000000.001 THRU 100000000000000000000000000000.000 ±1000000000000000000000000000.000							
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250000000000000000000000000000000.001 THRU 500000000000000000000000000000000.000 ±5000000000000000000000000000000.000							
500000000000000000000000000000000.001 THRU 1000000000000000000000000000000000.000 ±10000000000000000000000000000000.000							
1000000000000000000000000000000000.001 THRU 2500000000000000000000000000000000.000 ±2500000000000000							

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		77408	SEE EIR	9/16/65 BWP

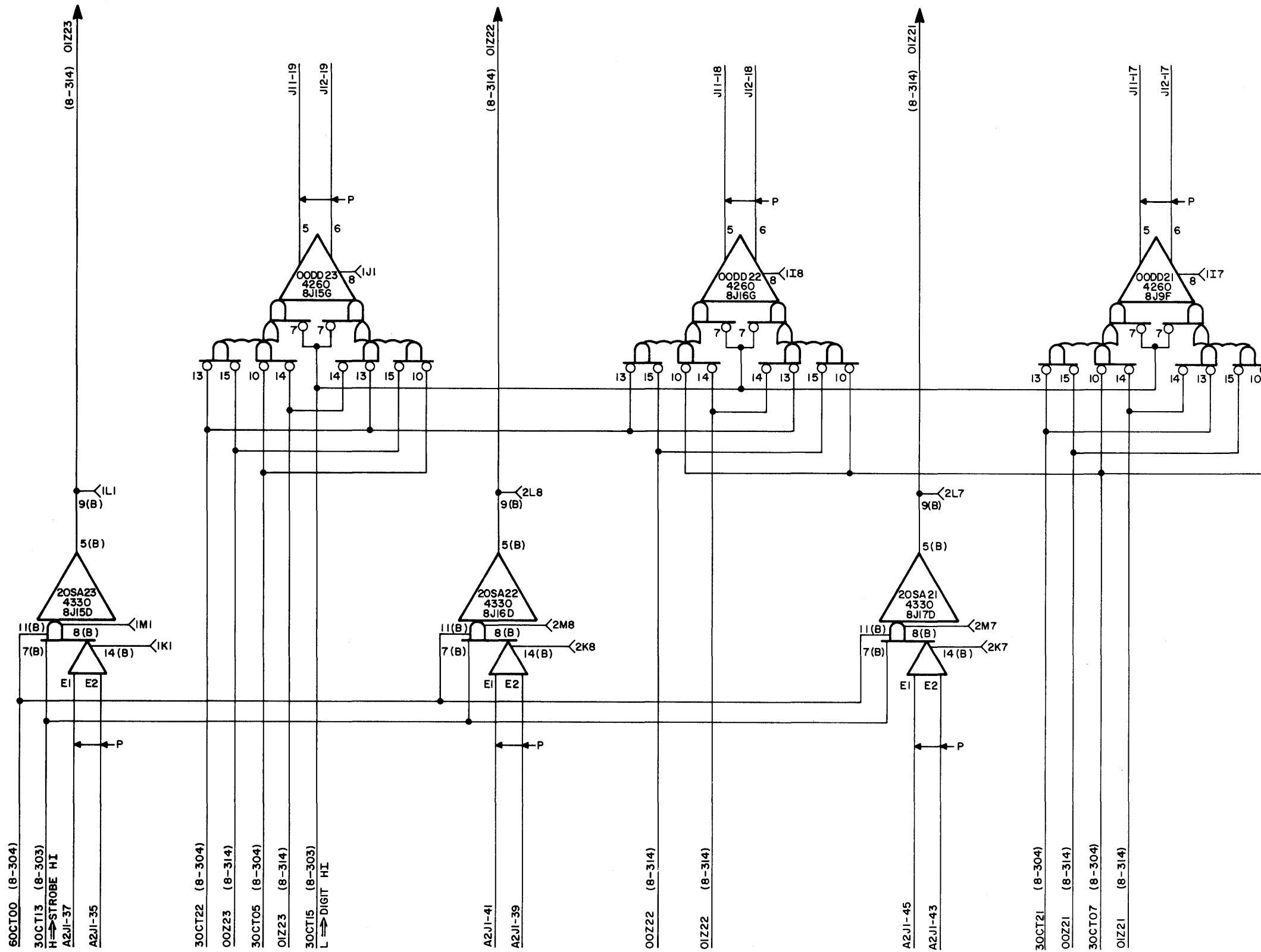


FIGURE 8-324

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL						

IDENT NO. 7035487-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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UNLESS OTHERWISE SPECIFIED			
DIMENSION IN INCHES. TOLERANCE ON		ANGLES	
2 PLACE DECIMALS	3 PLACE DECIMALS	±	
±	±	±	
HOLE DIAMETER TOLERANCE			
0 THRU .250	.251 THRU .500	.501 & LARGER	
+ .003	+ .005	+ .010	
-.002	-.003	-.005	
THREADS: EXT. CL. 2A, INT. CL. 2B			
MATERIAL		FINISH	
NEXT ASSY EQUIPMENT		APPLICATION	
COMMODITY CODE			

LAYOUT	DATE	CLASS	TITLE
DRAFTSMAN D.C. WHEELER	8-31-65	A	FUNCTIONAL SCHEMATIC, SENSE AMP, DIGIT DRIVERS BITS 21-23
CHECKER B. POPOV	9-15-65		
ENGINEER C. HOGENSON	9-15-65		
APPROVAL <i>C. Hoogen</i>	9-15-65		
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7035487	
SCALE	WEIGHT	SHEET OF	

REVISIONS						
SYM	ZONE	ERR	DESCRIPTION	CHK	DATE	APPROVED

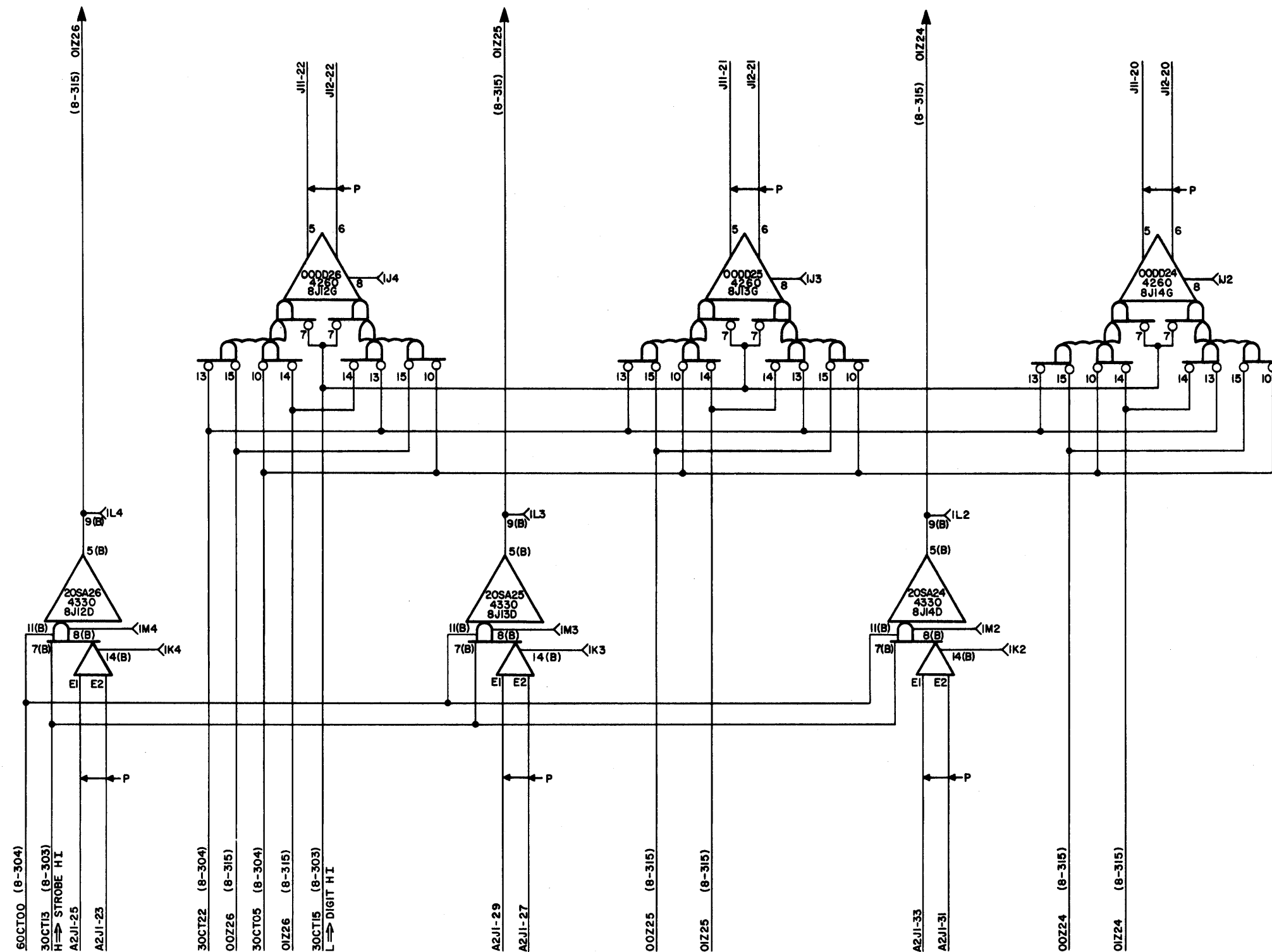


FIGURE 8-325

QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE		CLASS	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS		R. L. JOHNSON		8-31-65		A	
HOLE DIAMETER TOLERANCE		CHECKER		B. POPOV		TITLE	
MATERIAL		ENGINEER		C. HOGENSON		FUNCTIONAL SCHEMATIC, SENSE AMP, DIGIT DRIVER BITS 24-26	
FINISH		APPROVAL		[Signature]		CODE IDENT NO. 90536	
						SIZE D	
						DWG NO. 7035488	
						SCALE	
						WEIGHT	
						SHEET OF	

IDENT NO. 7035488-00

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REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED

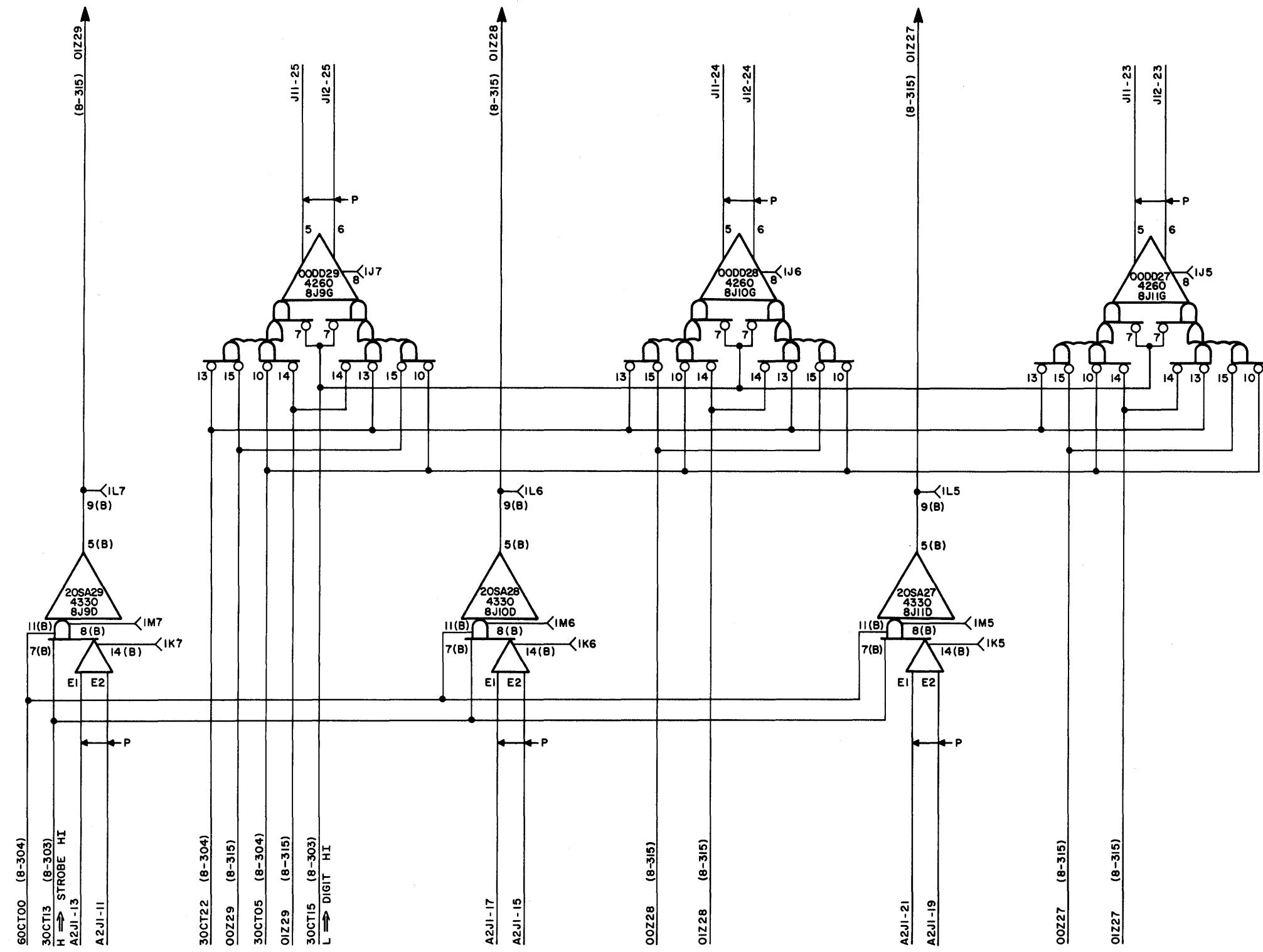


FIGURE 8-326

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

IDENT NO. 7035489-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES	TOLERANCE
2 PLACE DECIMALS	± .005
3 PLACE DECIMALS	± .0005
ANGLES	± .010
HOLE DIAMETER TOLERANCE	
Ø THRU .250	± .0005
.251 THRU .500	± .0010
.501 & LARGER	± .0015
THREADS: EXT. CL. 2A, INT. CL. 2B	
MATERIAL	FINISH
APPLICATION	
COMMODITY CODE	

LAYOUT	DATE	CLASS	TITLE
R. M. BECKMAN	8-30-65	A	FUNCTIONAL SCHEMATIC, SENSE AMP, DIGIT DRIVERS
CHECKER B. POPOV	9-15-65		BITS 27-29
ENGINEER C. HOGENSON	9-15-65		
APPROVAL <i>[Signature]</i>	9-15-65		
CODE IDENT NO.	SIZE	DWG NO.	
90536	D	7035489	
SCALE	WEIGHT	SHEET	OF 1

REVISIONS					
SYM	ZONE	ERR	DESCRIPTION	DATE	APPROVED
A			SEE EIR	11-1-65	<i>[Signature]</i>

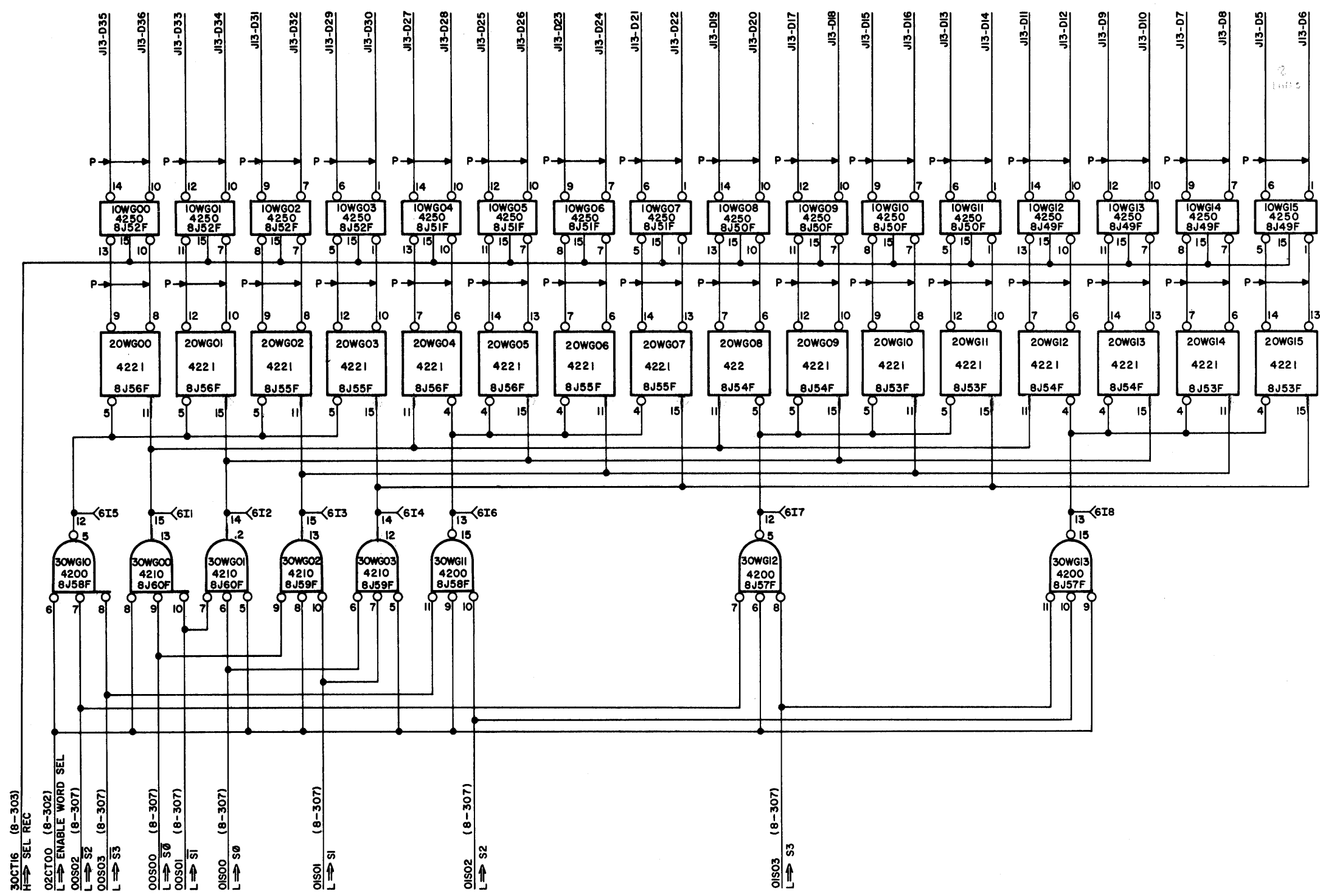


FIGURE 8-327

QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LIST OF MATERIAL	
CLASS	A
TITLE	FUNCTIONAL SCHEMATIC, WORD SELECTORS, CONTROL MEMORY
CODE IDENT NO.	90536
SIZE	D
DWG NO.	7035490
SCALE	
WEIGHT	
SHEET	OF

IDENT NO. 7035490-00

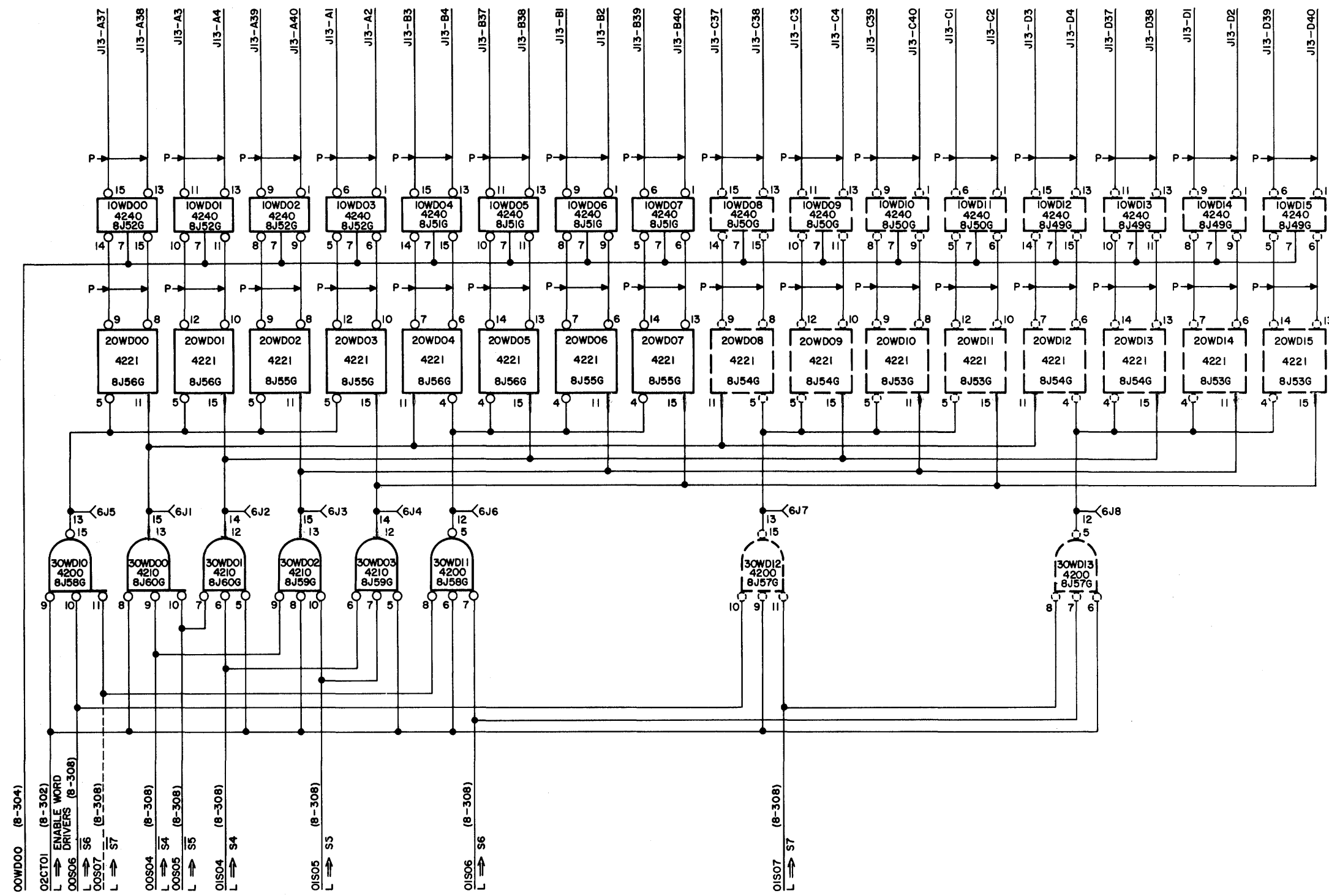
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UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES. TOLERANCE ON	
2 PLACE DECIMALS	± .005
3 PLACE DECIMALS	± .0005
ANGLES	± .010
HOLE DIAMETER TOLERANCE	
Ø THRU .250	± .005
.251 THRU .500	± .005
.501 & LARGER	± .010
THREADS, EXT. CL. 2A, INT. CL. 2B	
MATERIAL	
FINISH	

LAYOUT	DATE
R.L. JOHNSON	9-1-65
CHECKER	B.P. 9-15-65
ENGINEER	C.H. 9-15-65
APPROVAL	<i>[Signature]</i> 9-15-65

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	CHK DATE APPROVED
A		71703	SEE EIR	BP 11-1-65



NOTE:
1. DASHED CIRCUITS ARE USED WITH 256 WORD CONTROL MEMORY ONLY.

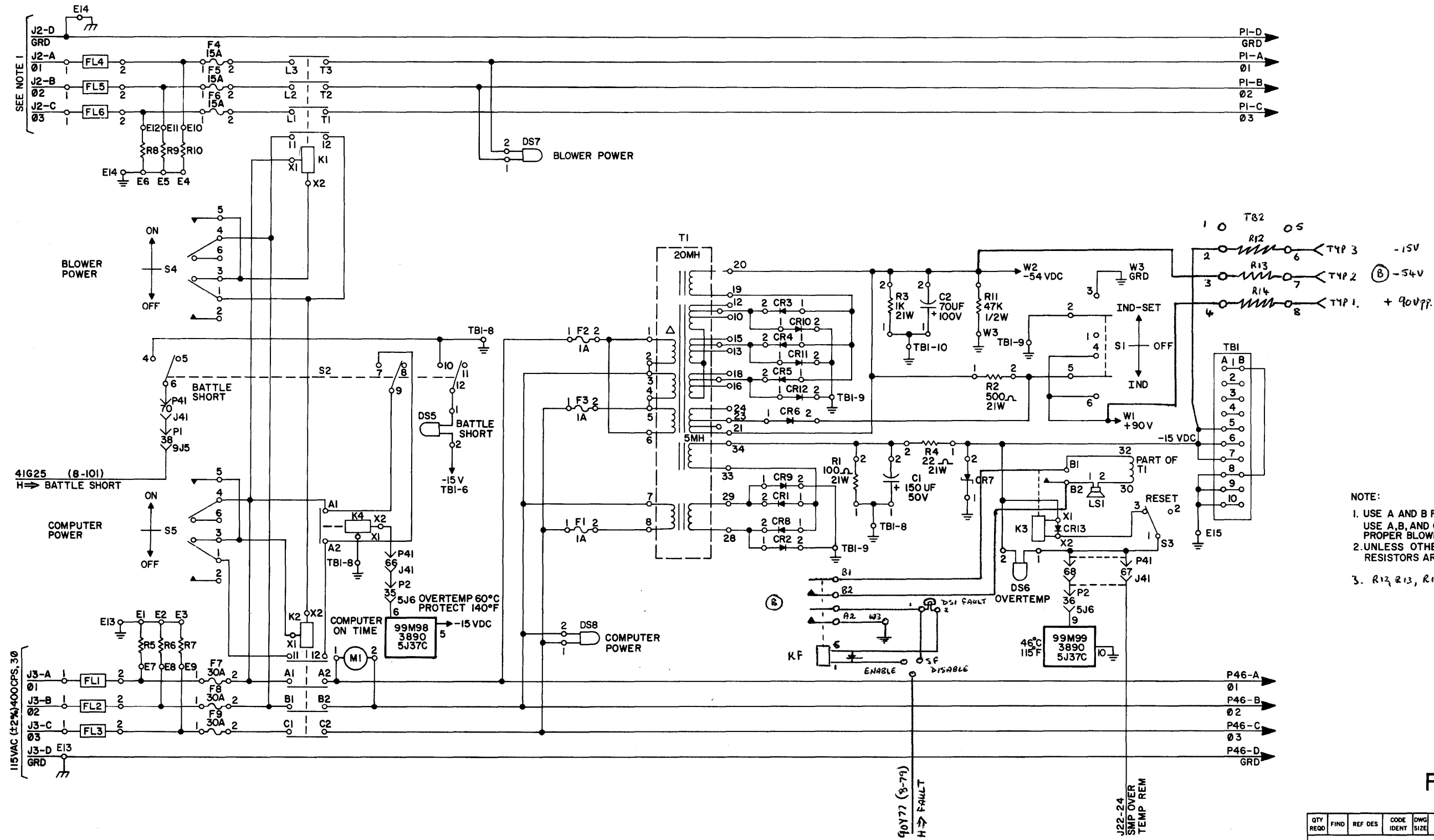
FIGURE 8-328

IDENT NO. 7035491-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:
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QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			LAYOUT		DATE	
DIMENSION IN INCHES. TOLERANCE ON			CLASS		9-1-65	
2 PLACE DECIMALS ± .003			A			
3 PLACE DECIMALS ± .0005			DRAFTSMAN		D. STATT	
ANGLES ± .010			CHECKER		B. POPOV	
HOLE DIAMETER TOLERANCE			ENGINEER		C. HOGENSON	
0 THRU .250 ± .003			MATERIAL			
.251 THRU .500 ± .005			FINISH			
.501 & LARGER ± .010			NEXT ASSY		EQUIPMENT	
THREADS: EXPT. CL. 2A, INT. CL. 2B			APPLICATION			
			COMMODITY CODE			
APPROVAL				APPROVED		
[Signature]				[Signature]		
UNIVAC				DIVISION OF SPERRY RAND CORPORATION		
TITLE				FUNCTIONAL SCHEMATIC, WORD DRIVERS, CONTROL MEMORY		
CODE IDENT NO.		SIZE	DWG NO.	7035491		
90536		D				
SCALE		WEIGHT	SHEET	OF 1		

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A		77473	SEE EIR	4-17-66
B	4777		17628 FAULT ALARM AND TEST POINTS.	



- NOTE:
- USE A AND B FOR 60CPS 115V 1Ø.
USE A, B, AND C FOR 400CPS 115V 3Ø WITH PROPER BLOWERS.
 - UNLESS OTHERWISE SPECIFIED ALL RESISTORS ARE 100K 1/4W.
 - R12, R13, R14 ARE 2K, 18K, 27K 1/2W RESP.

FIGURE 8-329

IDENT NO. 7032888-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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QTY	FIND	REF DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
			CLASS	UNIVAC		
			DATE	5-28-65		
			DRAFTSMAN	W. C. MEGGERS		
			CHECKER	B. POPOV		
			ENGINEER	H. O. TAM		
			APPROVAL	[Signature]		
			CODE IDENT NO.	SIZE	DWG NO.	
			90536	D	7032888	
			SCALE	WEIGHT	SHEET 1 OF 1	

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED

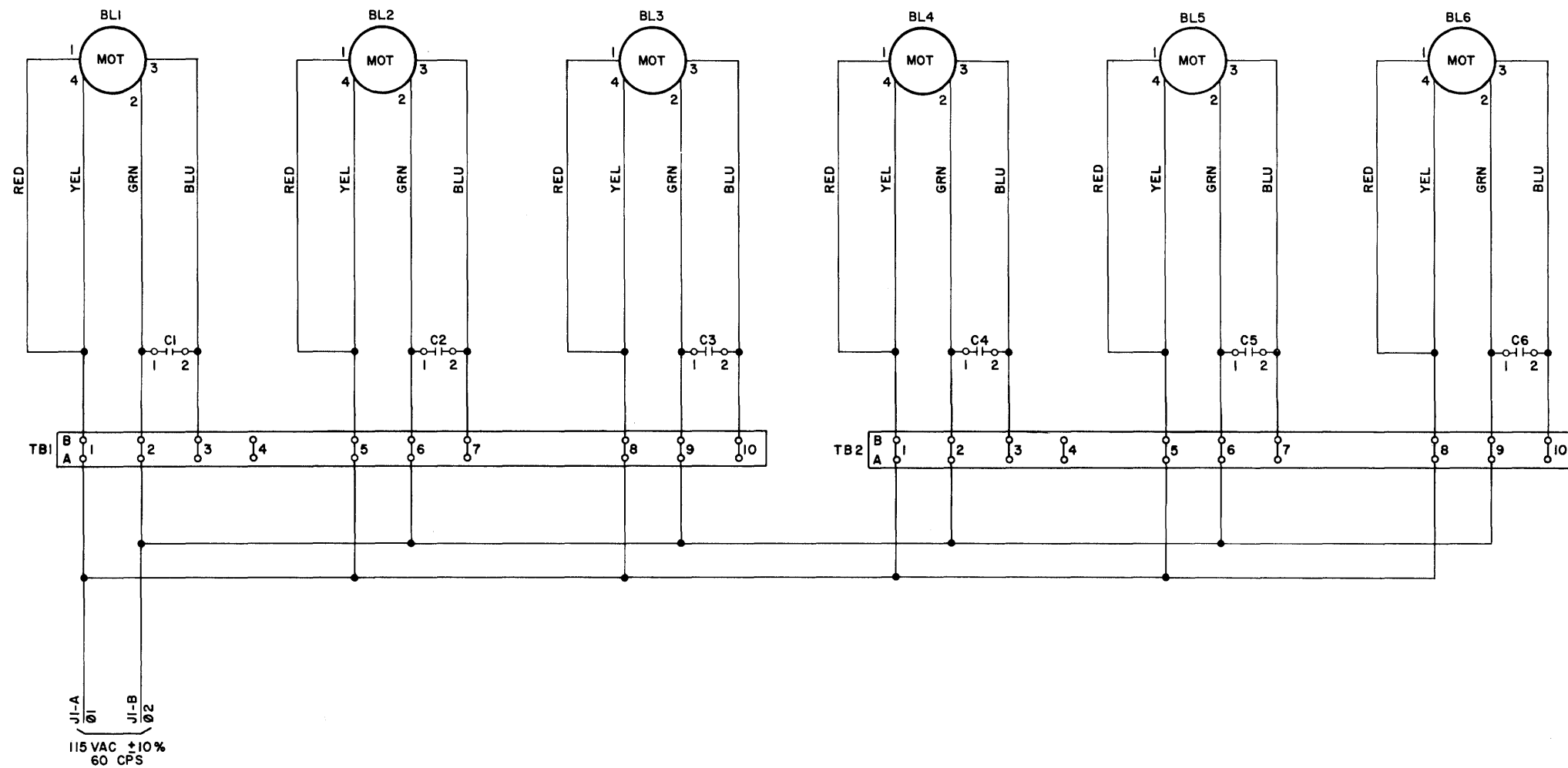


FIGURE 8-330

QTY	FIND	REF DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD			IDENT	SIZE	IDENTIFYING NO.	

UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE	CLASS
DIMENSION IN INCHES	TOLERANCE OR	2 PLACE	3 PLACE	5-26-65	A
DECIMALS	DECIMALS	ANGLES			
±	±	±			
HOLE DIAMETER TOLERANCE					
0 THRU .250	.01 THRU .500	.501 & LARGER			
+ .003	+ .005	+ .010			
-.002	-.005	-.005			
THREADS: EXT. INT. CL. 2B					
MATERIAL					
FINISH					
NEXT ASSY		EQUIPMENT			
APPLICATION					
COMMODITY CODE					
DRAWN BY		CHECKED BY			
DESIGNED BY		ENGINEER			
APPROVAL					
UNIVAC		DIVISION OF SPERRY RAND CORPORATION			
TITLE		FUNCTIONAL SCHEMATIC			
BLOWER POWER 115 VAC, 60 CPS					
CODE IDENT NO.	SIZE	DWG NO.			
90536	D	7032889			
SCALE	WEIGHT	SHEET		OF	

IDENT NO. 7032889-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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REVISIONS						
ZONE	LTR	EIR	DESCRIPTION - FOR DETAILS SEE EIR	CHK	DATE	APPROVED

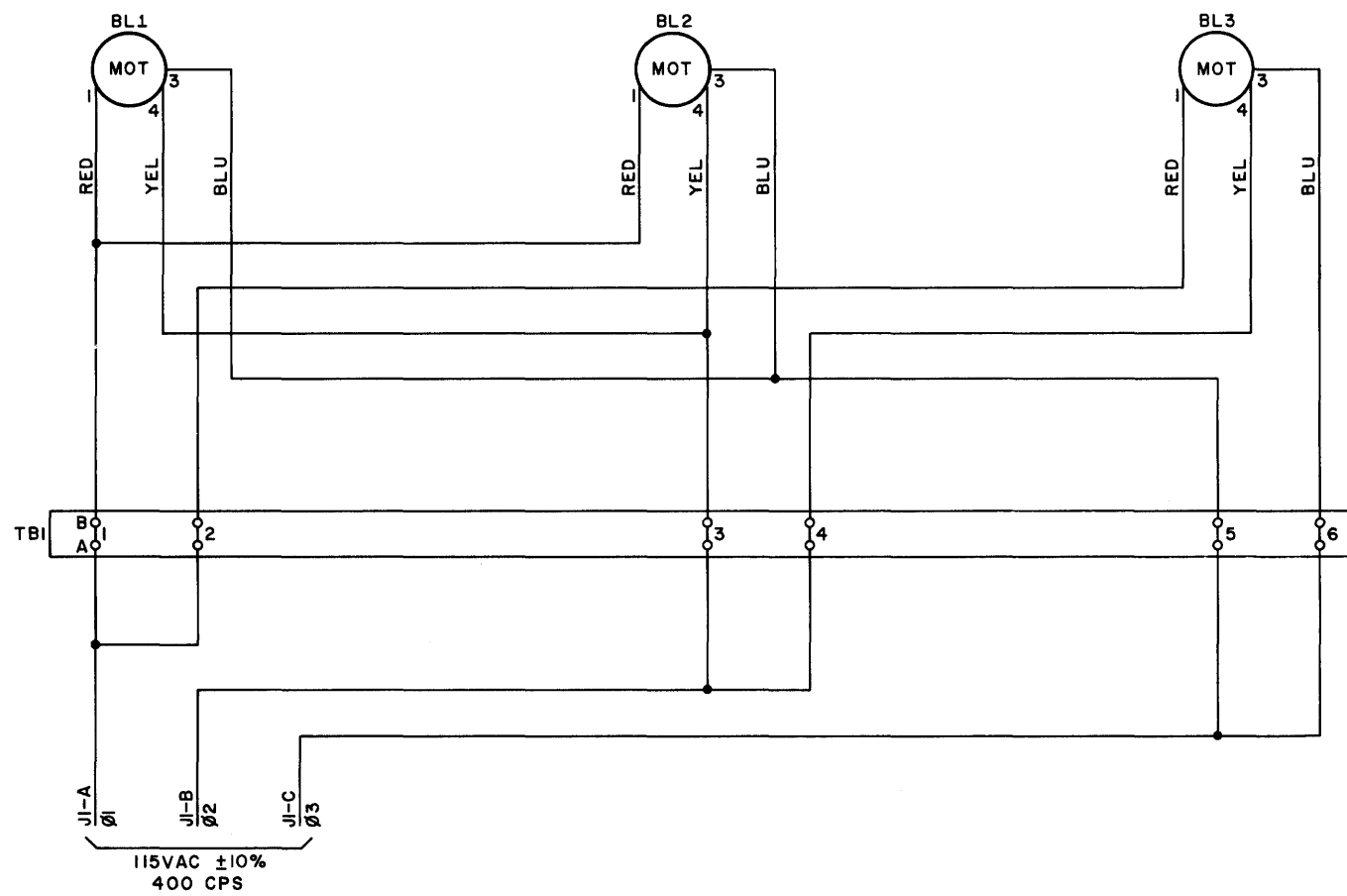
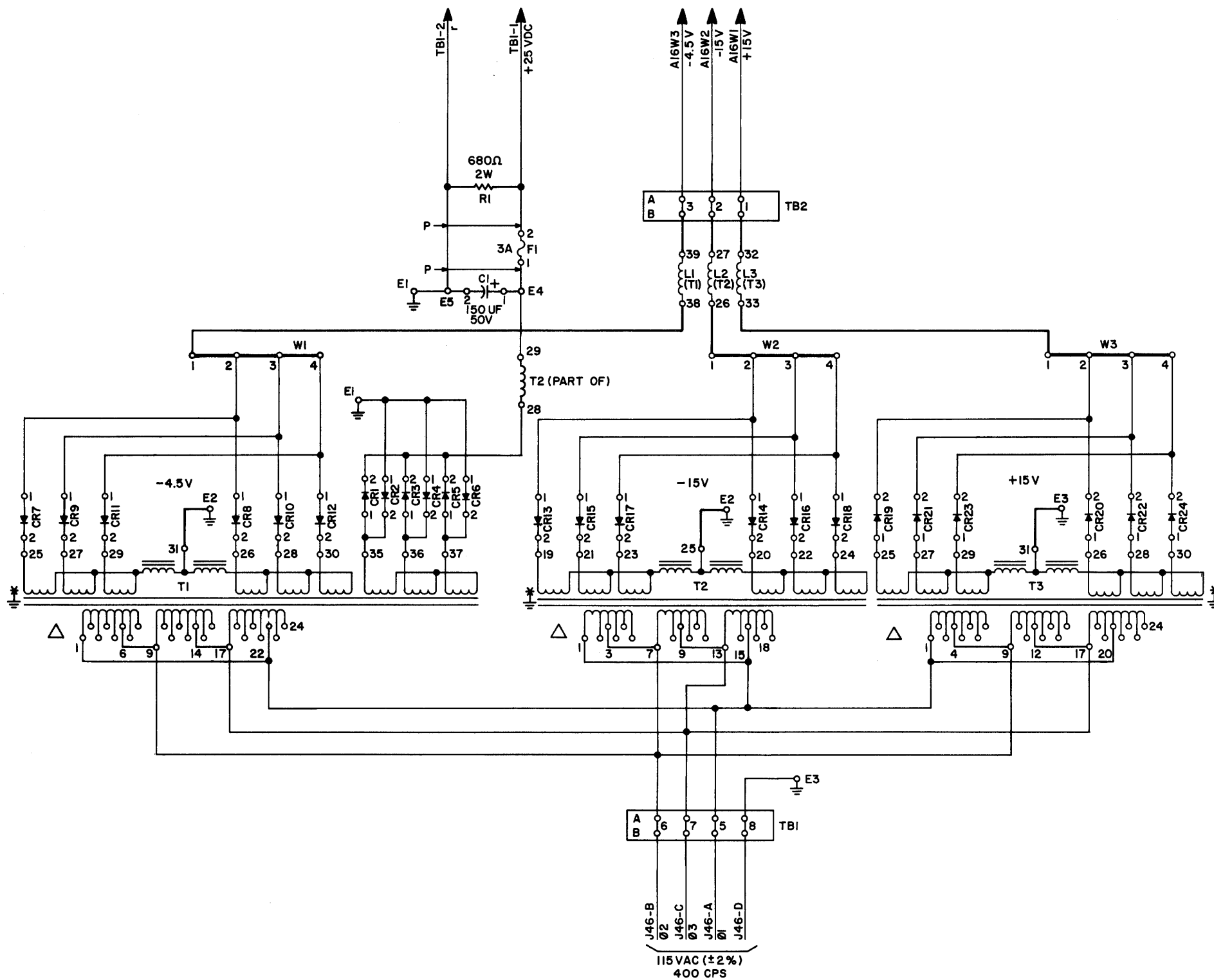


FIGURE 8-330A

IDENT NO. 7046613-00

UNLESS OTHERWISE SPECIFIED		LAYOUT	DATE	CLASS	UNIVAC DIVISION OF SPERRY RANG CORPORATION
DIMENSIONS IN INCHES TOL. ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		DRAFTSMAN R. D. MOSENG	5-14-66	A	
HOLE DIA. TOL. 0 THRU .251 THRU .500 LARGER + .003 + .005 + .010 - .002 - .003 - .005		CHECKER R. C. NEWMAN	5-14-66		TITLE FUNCTIONAL SCHEMATIC BLOWER POWER 115VAC, 400 CPS
THREADS: EXT. CL 2A, INT. CL 2B		ENGINEER BOB STOWELL	5-14-66		SIZE D
COMMODITY CODE		APPROVAL B. W. Phillips	5-14-66		CODE IDENT. NO. 90536
					DWG NO. 7046613
					SCALE WEIGHT SHEET 1 OF 1

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71703	SEE EIR		11-1-65	<i>[Signature]</i>
B		77406	SEE EIR		4-22-66	<i>[Signature]</i>



NOTE:
 1. INPUT CONNECTIONS TO PRIMARY TAPS OF T₁, T₂, & T₃, MAY BE VARIED TO ADJUST D.C. VOLTAGE OUTPUTS.

FIGURE 8-331

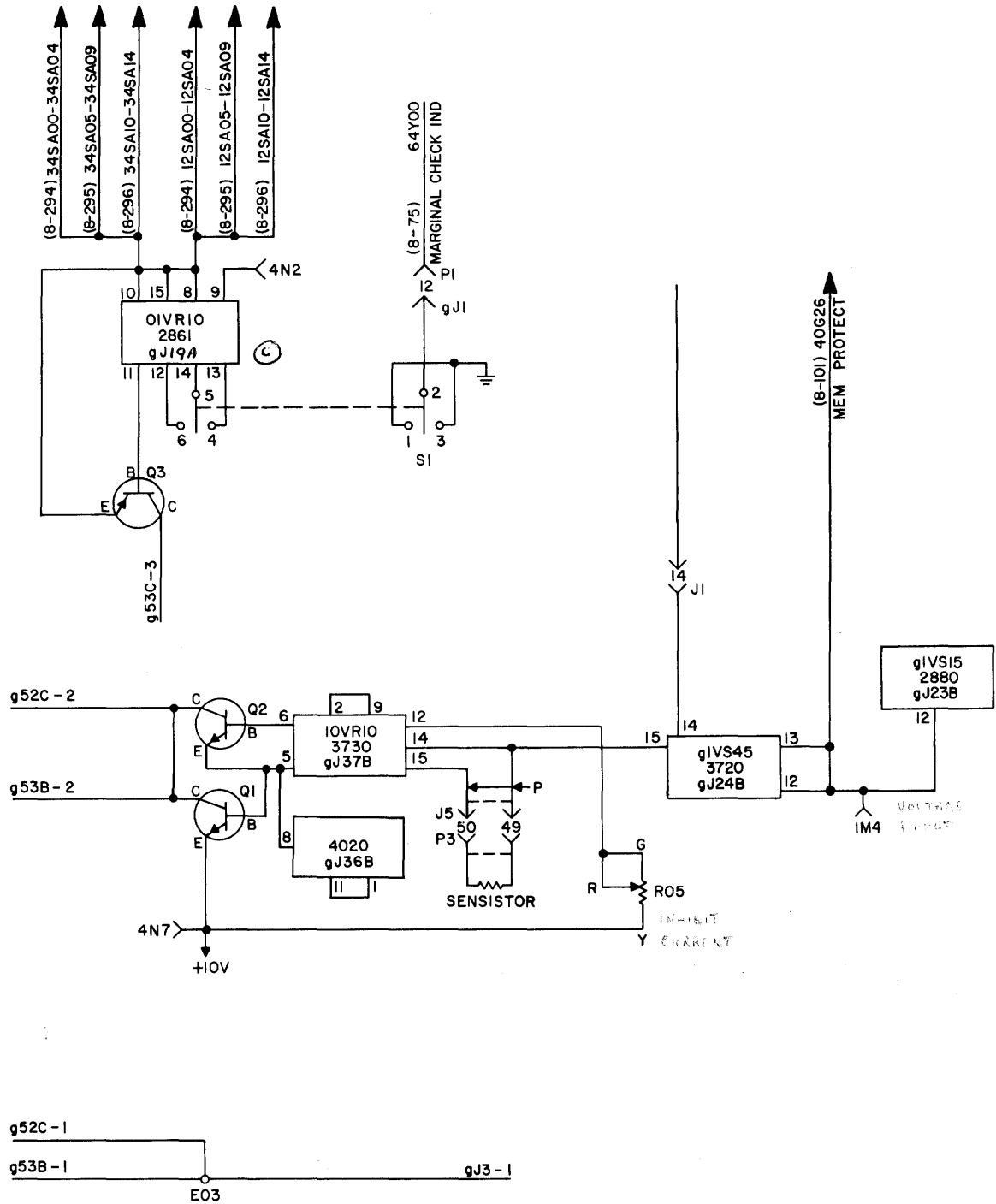
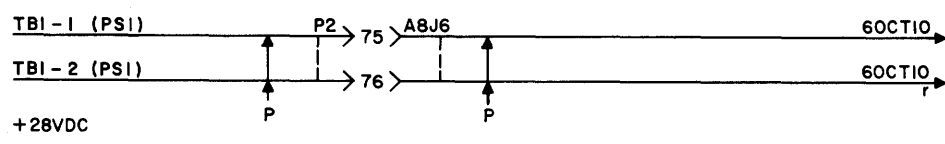
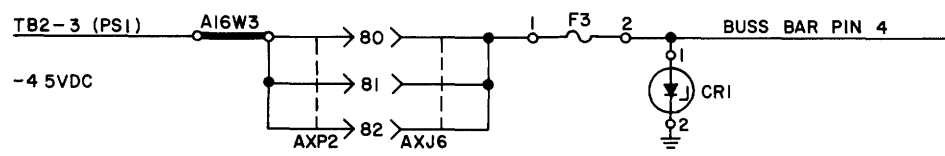
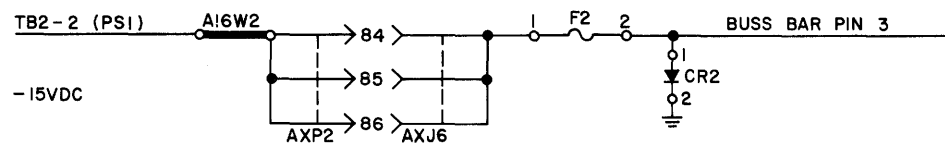
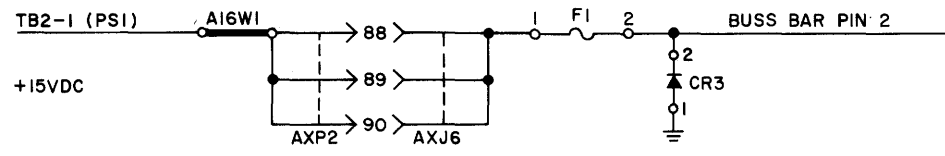
IDENT NO. 7032887-00

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QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
				UNLESS OTHERWISE SPECIFIED		LAYOUT	
				DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS ± 3 PLACE DECIMALS ±		DATE	
				HOLE DIAMETER TOLERANCE		CLASS	
				0 THRU .250 ±.003		A	
				.251 THRU .500 ±.005		UNIVAC	
				.501 & LARGER ±.010		DIVISION OF SPERRY RAND CORPORATION	
				THREADS: EXT. CL. 2A, INT. CL. 2B		TITLE	
				MATERIAL		FUNCTIONAL SCHEMATIC, DC POWER SUPPLY (PSI)	
				FINISH		CODE IDENT NO. 90536	
				NEXT ASSY		SIZE D	
				EQUIPMENT		DWG NO. 7032887	
				APPLICATION		SCALE	
				COMMODITY CODE		WEIGHT	
						SHEET 1 OF 1	

SENSE BIAS BIAS

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVED
A		71703	SEE EIR	11-1-65	BP
B		77406	SEE EIR	4-22-66	BSMP
C		4694	FACILITATE ADJUSTMENT OF SENSE BIAS.		



- NOTE:
1. ON ALL PLUGS ON A15 AND A16 PIN ONE IS RETURNED TO GRD.
 2. X TYPICAL FOR ALL CHASSIS A1 - A13
 3. A10J4 PINS 2,3,4,15 AND 17 ARE GROUNDED
A11J4 PINS 2,3,4 AND 12 ARE GROUNDED
A12J4 PINS 2,3,4 AND 7 ARE GROUNDED
A13J4 PINS 2,3,4 AND 7 ARE GROUNDED

FIGURE 8-332

IDENT NO. 7032886-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

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QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED			LAYOUT			
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS			DATE: 8-13-65			
±			CLASS: A			
±			DRAFTSMAN: D. STATTS			
±			CHECKER: B. POPOV			
±			ENGINEER: H. O. TAM			
±			APPROVAL: [Signature]			
±			TITLE: FUNCTIONAL SCHEMATIC, DC POWER DISTRIBUTION			
±			CODE IDENT NO.: 90536			
±			SIZE: D			
±			DWG NO.: 7032886			
±			SCALE: _____			
±			WEIGHT: _____			
±			SHEET 1 OF 1			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
G		5gY01 60	5gY03 60	5gY05 60	5gY07 61	5gY09 61	5gY11 61	5gY13 61	5gY15 62	5gY17 62	5gY19 62	5gY21 62	5gY23 63	5gY25 63	5gY27 63	5gY29 63	04Yg0 45	04Yg1 45	04Yg2 45	04Yg3 45	34Gg0 37	6XQg0 36	6XQg1 36	IXQg0 41	IXQg2 41	IXQg3 41	3gN50 64	3gN56 45	3XGg4 33	3XGg5 33	38Gg6 33	
		DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	IC SEL Δ	IC SEL Δ	IC SEL Δ	IC SEL Δ	22222 2040	FF 2900	FF 2900	FF 2930	FF 2930	2-3-3 2990	22222 2640	FF 2020	FF 2020	TD 3480	
F		5gY00 60	5gY02 60	5gY04 60	5gY06 60	5gY08 61	5gY10 61	5gY12 61	5gY14 62	5gY16 62	5gY18 62	5gY20 62	5gY22 63	5gY24 63	5gY26 63	5gY28 63	05Yg0 43	05Yg1 43	05Yg2 43	05Yg3 43	07Qg0 37	66Qg0 36	65Qg0 36	66Qg3 36	14Qg0 21	3XQg0 42	3XQg2 42	26Gg0 27	26Gg1 28	26Gg2 29	26Gg3 30	
		DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	DLX ***	NC SEL 4010	NC SEL 4010	NC SEL 4010	NC SEL 4010	1-1-1-1 2070	3-3-2 2060	3-3-2 2060	3-3-2 2060	22222 2040	FF 2930	FF 2930	2-3 2013	2-3 2013	2-3 2013	2-3 2013
E		gXC00 60	gXC02 60	gXC04 60	gXC06 60	gXC08 61	gXC10 61	gXC12 61	gXC14 62	gXC16 62	gXC18 62	gXC20 62	gXC22 63	gXC24 63	gXC26 63	gXC28 63	OXQg0 43	OXQg1 43	OXQg2 43	OXQg3 43	05Qg0 43	05Qg1 43	05Qg2 43	05Qg3 43	2gN56 65	5XQg0 38	5XQg2 38	35Qg0 42	35Qg2 42	22Gg0 27	3gN78 28	OgN54 67
		FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	FF 2930	FF 2930	5-4 2030	5-4 2030	5-4 2030	5-4 2030	2-3-3 2990	FF 2930	FF 2930	3-3-2 2060	3-3-2 2060		2-3 2013	2-3 2013	2-3-3 2990
D		41Yg0 43	41Yg2 43	43Yg0 40	43Yg2 40	45Yg0 35	45Yg1 35	45Yg2 35	45Yg3 35	46Yg0 35	46Yg1 35	46Yg2 35	46Yg3 35		22Qg0 40	02Qg0 43	2XQg0 40	2XQg2 40	25Qg0 40	25Qg1 40	25Qg2 40	25Qg3 40	54Qg0 21	4XQg0 39	4XQg2 39	45Qg0 39	45Qg2 39	20Gg7 27	20Gg8 27	OgN78 68	4gN78 68	
		IA *	IA *	IA *	IA *	CLD **	CLD **	CLD **	CLD **	CLD **	CLD **	CLD **	CLD **	CLD **		1-1-1-1 2070	1-1-1-1 2070	FF 2930	FF 2930	5-4 2030	5-4 2030	5-4 2030	5-4 2030	22222 2040	FF 2930	FF 2930	3-3-2 2060	3-3-2 2060	2-3 2013	2-3 2013	2-3 2013	2-3 2013
C		74Cg2 69	73Cg3 69			OgN58 45	2gN58 45	3XGg3 33	39Gg2 33	3XGg2 33	39Gg1 33	3XGg1 33		35Yg0 33	3XGg7 35	8XQg0 34	8XQg2 34	39Vg0 21	6XIg2 12	6XIg3 12	IgN62 65	O3Vg8 16	I5Ig3 49	I5Ig2 49	I5Ig1 49	I5Ig0 49	8gN60 64	IgN79 68	2gN78 68	7XIg2 32	7XIg0 32	
		2-3 2013	2-3 2013			2-3 2013	2-3 2013	FF 2020	TD 3480	FF 2020	DL 3480	FF 2020			FF 2020	FF 2900	FF 2900	FF 2900	4-3-3 2920	FF 2930	FF 2930	1-1-1-1 2070	1-1-1-1 2070	5-4 2030	5-4 2030	5-4 2030	5-4 2030	22-23 2050	1-1-1-1 2070	2-3 2013	FF 2930	FF 2930
B		IgN65 66	73Cg4 69					34Gg7 35	274g7 64	35Vg1 12	3XGg9 33	32Gg1 33	264g7 33	3XGg0 33	33Gg9 33		65Ig3 12	4gN55 67	4gN54 67	32Gg7 35	2gN64 67	4gN60 64	4gN61 65	OgN52 65	8gN51 65	2gN60 64	I5Gg2 25	I5Gg1 25	7XQg2 32	7XQg0 32		
		2-3 2013				2-3-3 2990	2-3-3 2990	FF 2020	3-3-2 2060	3-3-2 2060	FF 2020	3-3-2 2060	3-3-2 2060	FF 2020	2-3 2013	3-3-2 2060	2-3-3 2990	2-3-3 2990	1-1-1-1 2070	1-1-1-1 2070	22-23 2050	22-23 2050	22-23 2050	22-23 2050	2-3-3 2990	1-1-1-1 2070	2-3 2013	2-3 2013	FF 2930	FF 2930		
A		91Qg0 41	95Qg0 38	91Ig0 5	95Ig0 7						3XVg0 12	3XVg1 12	3XVg2 12	55Cg0 11	05Cg0 11	5XCg2 11	5XCg0 11	OXCg2 11	OXCg3 11	OXCg1 11		24Gg2 29	24Gg0 27	28Gg1 28			CHAN O	CHAN O	CHAN O	CHAN O	CHAN O	
		IND 3880	IND 3880	IND 3880	IND 3880						FF 2020	FF 2020	FF 2020	22222 2040	22222 2040	FF 2930	FF 2930	FF 2930	FF 2930	FF 2930	FF 2930	22-23 2050	22-23 2050	1-1-1-1 2070			PRI 1 ◇	PRI 2 ◇	PRI 3 ◇	PRI 4 ◇	PRI 1 ◇	PRI 2 ◇

REVISIONS				
SYM	ZONE	EIR	DESCRIPTION	DATE
A	E12781		CD 1 SHOT CLR ON IC CHAN ATEF	
B	4088		INTERCOMPUTER TERMINATION.	

NOTE:

- * IA = 2090 FOR SLOW INTERFACE
= 2321 FOR FAST INTERFACE
- ** CLD = 2130 FOR SLOW INTERFACE
= 2332 FOR FAST INTERFACE
- *** DLD = 2141 FOR SLOW INTERFACE
= 2342 FOR FAST INTERFACE
- (*) CARD IS REMOVED FOR FAST INTERFACE
- (**) CARD IS REMOVED FOR SLOW INTERFACE
- (***) INSTALLED FOR USE WITH 65 K EXTERNAL MEMORY UNIT.
- △ TO MAKE CHANNELS EITHER NORMAL OR INTER-COMPUTER A 4010 JUMPER CARD SHALL BE INSTALLED AS FOLLOWS:
CHANNEL NORMAL INTER-COMPUTER

0	J17F	J17G
1	J18F	J18G
2	J19F	J19G
3	J20F	J20G

8. ◇ CHANNEL PRIORITY SELECTED BY INSTALLING 2030 CARD IN ONE OF FOUR POSSIBLE LOCATIONS.

FIGURE 8-333

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
LTR SHEET INDEX		UNLESS OTHERWISE SPECIFIED		LAYOUT		DATE
2 1 SH		DIMENSION IN INCHES TOLERANCE OR 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES		DRAFTSMAN G.R. THOMPSON		1-26-67
IDENT NO. 7075296-00		HOLE DIAMETER TOLERANCE 0 THRU .250 +.003 THRU .500 +.010 .500 & LARGER +.003 -.005		CHECKER R.E. STRELNIEKS		3-31-67
THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS TO BE HELD PURSUANT TO THE FOLLOWING INSTRUMENTS:		THREADS: EPT CL 2B INT CL 2B		ENGINEER D. FREE		3-31-67
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREIN MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION		MATERIAL		APPROVED		3-31-67
NEXT ASSY EQUIPMENT APPLICATION COMMODITY CODE		FINISH		TITLE		
				CHASSIS MAP, CHASSIS 1,2,3,4 PART 1		
				CODE IDENT NO. 90536		DWG NO. 7075296
				SCALE		WEIGHT
						SHEET 1 OF 2

	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62				
G	38Gg5 33	3XGg6 33		3XGg8 34	8XIg2 34 8XIg3 34	8XIg0 34 8XIg1 34	IXIg2 5 IXIg3 5	IXIg0 5 IXIg1 5	7gN50 64 6gN56 45 OgN56 45	45Ig3 7 25Ig3 6	45Ig2 7 25Ig2 6	45Ig1 7 25Ig1 6	45Ig0 7 25Ig0 6	2XIg2 6 2XIg3 6	2XIg0 6 2XIg1 6	02Ig0 4 02Ig1 6 02Ig2 4 02Ig3 4 3gN79 68	22Ig0 6 22Ig1 6 22Ig2 6 22Ig3 6 OgN79 68		47Yg3 7	47Yg2 7	47Yg1 7	47Yg0 7	44Yg3 34	44Yg2 34	44Yg1 34	44Yg0 34	42Yg2 6 42Yg3 6	42Yg0 6 42Yg1 6	40Yg2 4 40Yg3 4	40Yg0 4 40Yg1 4					
	TD 3480	FF 2020		FF 2020	FF 2900	FF 2900	FF 2930	FF 2930	2-3-3 2990	3-6 2080	3-6 2080	3-6 2080	3-6 2080	FF 2930	FF 2930	I-I-I-I-I 2070	I-I-I-I-I 2070		CLD **	CLD **	CLD **	CLD **	CLD **	CLD **	CLD **	CLD **	IA *	IA *	IA *	IA *	CA 3180				
F	1gN54 67 1gN55 67 3gN54 67	OXsg00 8 OXsg01 8	OXsg10 8 OXsg11 8	OXsg20 8 OXsg21 8	OXsg30 8 OXsg31 8	05sg00 8 05sg01 8	3XIg2 5 3XIg3 5	3XIg0 5 3XIg1 5	4gN57 66 1gN50 64 OgN51 65	05Ig3 4 36Ig0 5	05Ig2 4 46Ig0 7	05Ig1 4 26Ig0 6	05Ig0 4 06Ig0 4	OXIg2 4 OXIg3 4	OXIg0 4 OXIg1 4	OgY28 59 OgY27 59	OgY26 58 OgY25 58	OgY24 58 OgY22 57	OgY20 56 OgY21 57	OgY18 56 OgY19 56	OgY16 55 OgY17 55	OgY14 54 OgY15 54	OgY12 54 OgY13 54	OgY10 53 OgY11 53	OgY08 52 OgY09 52	OgY06 52 OgY07 52	OgY04 51 OgY05 51	OgY02 50 OgY03 50	OgY00 50 OgY01 50						
	2-3-3 2990	FF 2930	FF 2930	FF 2930	FF 2930	22222 2040	FF 2930	FF 2930	2-3-3 2990	5-4 2030	5-4 2030	5-4 2030	5-4 2030	FF 2930	FF 2930	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	CA 3180			
E	1gN78 68 22Gg3 30	IXsg00 9 IXsg01 9	IXsg10 9 IXsg11 9	IXsg20 9 IXsg21 9	IXsg30 9 IXsg31 9	05sg01 8 05sg02 8	35Ig2 5 35Ig3 5 33Gg5 34	35Ig0 5 35Ig1 5 11Vg3 15	1gN51 65 3gN55 67 5gN54 67	14Ig0 21 14Ig1 21	6gN51 65 7gN51 65 6gN50 64	5XIg2 7 5XIg3 7	5XIg0 7 5XIg1 7	4XIg2 7 4XIg3 7	4XIg0 7 4XIg1 7	1gY28 59 1gY29 59	1gY26 58 1gY27 58	1gY24 58 1gY25 58	1gY22 57 1gY23 57	1gY20 56 1gY21 57	1gY18 56 1gY19 56	1gY16 55 1gY17 55	1gY14 54 1gY15 54	1gY12 54 1gY13 54	1gY10 53 1gY11 53	1gY08 52 1gY09 52	1gY06 52 1gY07 52	1gY04 51 1gY05 51	1gY02 50 1gY03 50	1gY00 50 1gY01 50					
	2-3 2013	FF 2930	FF 2930	FF 2930	FF 2930	22222 2040	3-3-2 2060	3-3-2 2060	2-3-3 2990	22222 2040	2-3-3 2990	FF 2930	FF 2930	FF 2930	FF 2930	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	CA 3180			
D	5gN55 67 10Vg5 16 3gN52 65	2XSg00 10 2XSg01 10	2XSg10 10 2XSg11 10	2XSg20 10 2XSg21 10	2XSg30 10 2XSg31 10	15sg00 9 15sg01 9	15sg02 9 15sg03 9	25sg00 10 25sg01 10	25sg02 10 25sg03 10	06sg00 8 06sg01 8	06sg02 8 06sg03 8	OgN53 66 2gN53 66 1gN53 66 13Vg9 21 13Vg8 21	15Gg3 25 16Gg2 25 OgN50 64 13Vg9 21 13Vg8 21	25Gg1 31 27Gg1 31	25Gg0 31 27Gg0 31	8gZ28 59 8gZ29 59	8gZ26 58 8gZ27 58	8gZ24 58 8gZ25 58	8gZ22 57 8gZ23 57	8gZ20 56 8gZ21 57	8gZ18 56 8gZ19 56	8gZ16 55 8gZ17 55	8gZ14 54 8gZ15 54	8gZ12 54 8gZ13 54	8gZ10 53 8gZ11 53	8gZ08 52 8gZ09 52	8gZ06 52 8gZ07 52	8gZ04 51 8gZ05 51	8gZ02 50 8gZ03 50	8gZ00 50 8gZ01 50					
	2-3-3 2990	FF 2930	FF 2930	FF 2930	FF 2930	22222 2040	22222 2040	22222 2040	22222 2040	4-3-3 2920	4-3-3 2920	2-3-3 2990	I-I-I-I-I 2070	2-3 2013	2-3 2013	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	CA 3180			
C	5gN57 66 2gN57 66	7gN57 66 9gN57 66	OgN63 66 1gN63 66 1gN64 67 3gN64 67 OgN64 67	16Vg2 15 16Vg3 15	11Vg4 16 16Vg4 16 16Vg5 16	06Vg3 13 04Vg3 13	06Vg2 13 04Vg2 13	06Vg1 13 04Vg1 13	06Vg0 13 04Vg0 13	16Vg0 15 16Vg1 15	82Ig3 34 82Ig4 34 82Ig1 34 82Ig2 34	82Ig0 34 82Ig1 34 82Ig2 34	8XIg4 34			2gY28 59 2gY29 59	2gY26 58 2gY27 58	2gY24 58 2gY25 58	2gY22 57 2gY23 57	2gY20 56 2gY21 57	2gY18 56 2gY19 56	2gY16 55 2gY17 55	2gY14 54 2gY15 54	2gY12 54 2gY13 54	2gY10 53 2gY11 53	2gY08 52 2gY09 52	2gY06 52 2gY07 52	2gY04 51 2gY05 51	2gY02 50 2gY03 50	2gY00 50 2gY01 50					
	2-3 2013	2-3 2013	I-I-I-I-I 2070	2-3 2013	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	5-4 2030	2-3 2013	22-23 2050	3-3-2 2060	FF 2020			IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	CA 3180		
B	OgN67 66 2gN67 66 OgN57 66	3gN57 66 1gN57 66		12Vg3 16 12Vg2 16	OXVg8 16 OXVg7 16	OXVg6 16 OXVg5 16	OXVg4 16 OXVg3 13	OXVg2 13 OXVg1 13	OXVg0 13 OXVg1 13	11Vg0 15 11Vg1 15 11Vg2 15	3gN53 66 12Vg1 15 10Vg4 16				12Vg8 21 12Vg9 21	3gY28 59 3gY29 59	3gY26 58 3gY27 58	3gY24 58 3gY25 58	3gY22 57 3gY23 57	3gY20 56 3gY21 57	3gY18 56 3gY19 56	3gY16 55 3gY17 55	3gY14 54 3gY15 54	3gY12 54 3gY13 54	3gY10 53 3gY11 53	3gY08 52 3gY09 52	3gY06 52 3gY07 52	3gY04 51 3gY05 51	3gY02 50 3gY03 50	3gY00 50 3gY01 50	3gN65 66 73Cg1 69				
	3-3-2 2060	2-3 2013		22-23 2050	FF 2900	FF 2900	FF 2900	FF 2900	FF 2900	3-3-2 2060	2-3-3 2990				22222 2040	22222 2040	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	IA *	2-3 2013		
A	03Vg1 14 02Vg1 14 CHAN 1 PRI 3 5-4 2030	CHAN 1 PRI 4 ◇	CHAN 2 PRI 1 ◇	CHAN 2 PRI 2 5-4 2030	CHAN 2 PRI 3 ◇	CHAN 2 PRI 4 ◇	CHAN 3 PRI 1 5-4 2030	CHAN 3 PRI 2 ◇	CHAN 3 PRI 3 ◇	CHAN 3 PRI 4 ◇	CHAN 3 PRI 1 5-4 2030	CHAN 3 PRI 2 ◇	CHAN 3 PRI 3 ◇	CHAN 3 PRI 4 ◇	SPARE	SPARE	SPARE	SPARE	26Yg0 21	26Yg1 21	26Yg2 21	26Yg3 21	25Yg0 21	25Yg1 21	25Yg2 21	25Yg3 21	25Gg2 31 27Gg2 31	25Gg3 31 27Gg3 31					CA 3180		

SYM		ZONE		EIR		DESCRIPTION		CHK	DATE	APPROVAL
A14088		INTERCOMPUTER		TERMINATION						

- NOTE:
- IA = 2090 FOR SLOW INTERFACE
= 2321 FOR FAST INTERFACE
 - ** CLD = 2130 FOR SLOW INTERFACE
= 2332 FOR FAST INTERFACE
 - *** DLD = 2141 FOR SLOW INTERFACE
= 2342 FOR FAST INTERFACE
 - (*) CARD IS REMOVED FOR FAST INTERFACE
 - (**) CARD IS REMOVED FOR SLOW INTERFACE
 - (***) INSTALLED FOR USE WITH 65 K EXTERNAL MEMORY UNIT.
 - (****) INSTALLED FOR USE WITH 32 K EXTERNAL MEMORY UNIT.
 - ◇ CHANNEL PRIORITY SELECTED BY INSTALLING 2030 CARD IN ONE OF FOUR POSSIBLE LOCATIONS.

FIGURE 8-334

QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

UNLESS OTHERWISE SPECIFIED		LIST OF MATERIAL	
DIMENSION IN INCHES. TOLERANCE ON 2 PLACE DECIMALS	3 PLACE DECIMALS	CLASS	A
ANGLES		DRAFTSMAN	G.R. THOMPSON
HOLE DIAMETER TOLERANCE		DATE	1-26-67
0 THRU .250 +.003	.251 THRU .500 +.005	CHECKER	R.E. STRELNIEKS
.501 & LARGER +.010		ENGINEER	D. FREE
THREADS: EFF. CL. INT. CL. 2B		APPROVAL	<i>[Signature]</i>
MATERIAL		TITLE	CHASSIS MAP, CHASSIS 1, 2, 3, 4 PART 2
FINISH		CODE IDENT NO.	90536
		SIZE	D
		DWG NO.	7075296
		SCALE	
		WEIGHT	
		SHEET	2 OF

IDENT NO. 7075296-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS UNCLASSIFIED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
G		11W13 217	11W12 217	OXW13 222 OXW12 222		OXQ13 250	OXQ12 250	OXA13 243	OXA12 243	83T52 95	83T43 95 83T23 95	38N06 238	----- 18N06 238	08N06 238		11D13 208	11D12 208		OXD13 213 OXD12 213	14A12 233	12A14 233 12A13 233	14A14 233	10A13 233 10A12 233	12A10 233	30A10 227	20A10 227			OXL05 190 OXA31 197			
F		11W11 217	11W10 217	OXW11 221 OXW10 221		OXQ11 249	OXQ10 249	OXA11 242	OXA10 242	83T24 95 83T34 95	83T24 95 83T34 95	47N06 238 47N07 246	27N06 238 07N06 238	58N04 205		11D11 207	11D10 207		OXD11 212 OXD10 212	14A13 233 14A11 233	12A12 233 12A11 233	10A11 233 10A10 233	16A10 233	23A10 227 21A10 227 23A05 226 21A08 226 21A05 226	31A05 226 33A05 226	10L01 190 00N15 191	OXL01 190 OXL04 190	08N05 198 06N05 198	47N14 191 11L00 190 71A15 255 24N05 198	-----		
E	CA 3180	22222 2040	22222 2040	FF 2900	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	1-1-1-1 2070	FF 2930	1-1-1-1 2070	1-8 2160	2-3 2013		22222 2040	22222 2040		FF 2900	22-23 2050			22-23 2050	22-23 2050	3-3-4 2920		1-1-1-1-1 2070	22-23 2050	2-3-3 2990	FF 2930	2-3 2013	1-1-1-1-1 2070
	73C63 82 75C63 82	11W09 217	11W08 217	OXW09 221 OXW08 221	OXQ09 249	OXQ08 249	OXA09 242	OXA08 242	----- 83T43 95	83T24 95 83T34 95	30N06 238	10N06 238	20N06 238 17N06 238 37N06 238	46N04 205 48N04 205	11D09 207	11D08 207		OXD09 212 OXD08 212	14A08 232 14A10 233	13A13 233 13A11 233 11A11 233 11A13 233 11A12 233	11A10 233 13A08 232 13A06 232 11A09 232 11A08 232	10A09 232 10A08 232	25A10 227 25A05 226 25A00 225	20A08 226 30A08 226	64A00 237 62A00 237 60A10 237	OXL00 190 OXL02 190	18N05 198 28N05 198	18N01 183 29N01 183				
D	CA 3180	22222 2040	22222 2040	FF 2900	1-8 2160	FF 2000	FF 2000	FF 2000	FF 2000	4-4 2220	FF 2930	3-3-4 2920	1-8 2160	2-3 2013	2-3 2013	22222 2040	22222 2040	22222 2040	FF 2900	14A09 232 14A07 232	14A09 232	14A07 232		12A09 232 12A08 232	12A05 232	22A10 227 22A05 226 22A00 225	30A05 226 30A06 237 63A06 237 61A10 237 61A06 237 61A02 237	----- 2XL07 253	16N05 198 26N05 198	38N01 183	-----	
C	73C62 82 73C64 82	11W05 216	11W04 216	50A00 239	OXW05 220 OXW04 220	OXQ05 248	OXQ04 248	OXA05 241	OXA04 241	----- 50A08 239	83T21 95	38N07 246 18N07 246	27N07 246 07N07 246	20N07 246 17N07 246 37N07 246	26N04 205 28N04 205	11D03 206	11D04 206	11D02 206	OXD05 211 OXD04 211	14A06 232 14A05 232	12A07 232 12A06 232	10A05 231 14A03	13A10 231 13A05 231 13A00 231	16A05 232	12A00 231	21A03 225 23A00 225 21A00 225 22L03 253	20A05 226	2XL04 253	08N02 198 18N02 198	48N01 183 58N01 183		
B	CA 3180	22222 2040	22222 2040	FF 2900	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	2-3 2013	2-3 2013	1-1-1-1 2070	2-3 2013	2-3 2013	3-3-2 2060	2-3 2013	2-3 2013	22222 2040	22222 2040	22222 2040	FF 2900	14A04 231	11A07 231 11A06 231 11A05 231 13A03 231 13A01 231	12A04 231 12A03 231	10A04 231 10A03 231 10A01 231	10A02 231	31A00 225 33A00 225	20A03 225 30A03 225	2XL05 253 2XL03 253	11K00 254 31L00 253 23L00 253 22L00 253 23L03 253	1-1-1-1-1 2070	1-1-1-1-1 2070
A		11W01 216	11W00 216	OXW01 220 OXW00 220	OXQ01 248	OXQ00 248	OXA01 241	OXA00 241	OXPI6 119 OXPI4 119 OXPI3 119	OXPI2 119 OXPI1 119	OXPI0 118 OXPI0 118	OXPO6 118 OXPO5 118	OXPO4 117 OXPO3 117	OXPO2 117 OXPO1 117	14A01 231 14A00 231	14A02 231	12A02 231 12A01 231	11A04 231 11A03 231 11A02 231 11A01 231 11A00 231		10A00 231 16A00 231	30A00 225 20A00 225		2XL06 253 2XL00 253								FF 2930	

FIGURE 8-337

QTY REQD	FIND	REF DES	CODE IDENT	QTY REQD	QTY REQD	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION

LTR SHEET 2 1	SHT INDEX	IDENT NO. 7075295-00	DATE 3-7-67	CLASS A	TITLE CHASSIS MAP, CHASSIS 6 PART I
DRAFTSMAN W. WURDEMAN CHECKER STRELNIEKS ENGINEER D. FREE APPROVED <i>D. Free</i>		MATERIAL FINISH APPLICATION COMMUNITY LIST		DIVISION OF SPERRY RAND CORPORATION 90536 D 7075295 SHEET 1 OF 2	

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	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
G	09N15 18N15 191 2-3 2013	40N14 11L01 07N16 191 3-3-2 2060	08N16 17N15 07N15 191 3-3-2 2060		3XK05 193 FF 2020	3XK04 193 FF 2020					4XK17 195 FF 2900	4XK15 195 FF 2900		50X13 186 22222 2040	50X12 186 22222 2040	51X13 200 51X12 200 51X11 200 51X10 200 1-1-1-1-1 2070	OXX13 201 OXX12 201 FF 2930		11X13 201 22222 2040	11X12 201 22222 2040	80Z13 171 80Z12 171 80Z11 171 3-3-2 2060	85Z13 175 22222 2040	85Z12 175 22222 2040	18N12 170 28N12 170 2-3 2013	19N11 170 08N12 170 2-3 2013	70E00 197 00N12 170 18N11 170 3-3-2 2060			50Z00 180 50Z01 180 50Z02 180 50Z03 180 50Z04 180 1-1-1-1-1 2070	CA 3180	
F	19N15 191 2-3 2013		3XK03 193 FF 2020	3XK02 193 FF 2020	3XK01 193 FF 2020		71A20 255 70A20 255 1-8 2160	71A12 255 70A12 255 1-8 2160	72A20 255 72A04 255 2-3 2013		4XK13 195 FF 2900	4XK11 195 FF 2900	50X11 186 22222 2040	50X10 186 22222 2040		OXX11 201 OXX10 201 FF 2930	11X11 201 22222 2040	11X10 201 22222 2040	02P10 118 02P11 119 02P12 119 02P13 119 1-1-1-1-1 2070	10X13 201 10X12 201 10X11 201 10X10 201 10X09 200 1-1-1-1-1 2070	85Z11 175 22222 2040	85Z10 175 22222 2040	48N03 196 38N03 196 2-3 2013	58N03 196 10N12 170 2-3 2013	8XG05 196 FF 2020	38N12 170 48N12 170 2-3 2013	73G00 197 22222 2040	50Z05 180 50Z06 180 50Z07 180 50Z08 180 50Z09 180 1-1-1-1-1 2070	CA 3180		
E	19N16 29N16 191 2-3 2013		3XK00 193 FF 2020	36K01 192 36K02 192 36K03 192 36K04 192 36K05 192 1-1-1-1-1 2070		80A07 256 22222 2040	80A06 256 22222 2040	72A12 255 72A00 255 2-3 2013	83A03 255 86A04 257 2-3-3 2990	83A03 255 86A04 257 5-4 2030		4XK08 195 FF 2900	4XK09 195 FF 2900	50X09 185 22222 2040	50X08 185 22222 2040	51X09 200 51X08 200 51X07 200 51X06 200 51X05 200 1-1-1-1-1 2070	OXX09 200 OXX08 200 FF 2930	11X09 200 22222 2040	11X08 200 22222 2040	80Z10 171 80Z09 171 80Z08 171 3-3-2 2060	85Z09 174 22222 2040	85Z08 174 22222 2040	28N03 196 18N03 196 2-3 2013	8XG02 196 8XG01 196 FF 2930	83G00 197 74G00 197 1-1-1-1-1 2070	8XG00 197 8XG06 197 3-3-4 2920	80E01 197 72G02 197 7XG02 197 7XG01 197 3-3-4 2920	50Z10 180 50Z11 180 50Z12 180 50Z13 180 50Z14 180 1-1-1-1-1 2070	CA 3180		
D	60A06 237 60A02 237 22-23 2050	09N16 191 59N14 191 2-3 2013	34K01 192 34K02 192 34K03 192 34K04 192 34K05 192 1-1-1-1-1 2070	33K05 192 22222 2040		80A05 256 22222 2040	80A04 256 22222 2040	81A02 256 81A04 256 81A06 256 2-3-3 2990	84A03 257 84A04 257 87A04 257 82A06 256 82A02 256 1-1-1-1-1 2070	85A05 257 85A04 257 22-23 2050		4XK07 194 FF 2900	4XK06 194 FF 2900	50X07 185 22222 2040	50X06 185 22222 2040	10X08 200 10X07 200 10X06 200 10X05 200 84A00 257 1-1-1-1-1 2070	OXX07 200 OXX06 200 FF 2930	11X07 200 22222 2040	11X06 200 22222 2040	80Z07 171 80Z06 171 80Z05 171 3-3-2 2060	85Z07 174 22222 2040	85Z06 174 22222 2040	8XG04 196 FF 2020	80E02 197 3-3-4 2920	70E01 197 73G02 197 81E01 197 81E02 197 33A29 197 1-1-1-1-1 2070	72G02 197 OXA30 197 3-3-4 2920	7XG02 197 7XG01 197 FF 2900	7XG02 197 7XG01 197 FF 2900	02P00 117 02P01 117 02P02 117 02P03 117 02P04 117 1-1-1-1-1 2070	CA 3180	
C	39N14 49N14 191 2-3 2013	35K04 192 35K05 192 22-23 2050	33K04 192 22222 2040		80A03 256 22222 2040	80A02 256 22222 2040	81A01 256 81A03 256 81A05 256 3-3-2 2060	35K01 257 86A03 257 86A02 257 3-3-2 2060	85A03 257 83A01 256 35K02 257 83G06 197 22-23 2050	42K02 194 35K02 257 83G06 197 2-3-3 2990	4XK05 194 FF 2900	4XK04 194 FF 2900	50X05 185 22222 2040	50X04 184 22222 2040		OXX05 200 OXX04 199 FF 2930	11X05 200 22222 2040	11X04 199 22222 2040	80Z04 171 80Z03 171 80Z02 171 3-3-2 2060	85Z05 174 22222 2040	85Z04 173 22222 2040	90P10 118 90P11 118 90P12 118 90P13 118 90P14 118 IND 3880	90P05 118 90P06 118 90P07 118 90P08 118 90P09 118 IND 3880	93K05 193 93K99 191 90P15 118 90P99 118 90P16 118 IND 3880	90A10 242 90A11 242 90A12 242 90A13 243 90A99 238 IND 3880	90A05 241 90A06 241 90A07 241 90A08 242 90A09 242 IND 3880	90A00 241 90A01 241 90A02 241 90A03 241 90A04 241 IND 3880	90Q05 248 90Q06 248 90Q07 248 90Q08 248 90Q09 248 IND 3880	90Q00 248 90Q01 248 90Q02 248 90Q03 248 90Q04 248 IND 3880	73C61 82 75C61 82 2-3 2013	CA 3180
B	19N14 29N14 191 2-3 2013	35K03 192 85A00 257 22-23 2050	33K03 192 22222 2040	33K02 192 22222 2040		80A01 256 22222 2040	83A00 256 22222 2040	73G07 257 84A01 257 84A02 257 87A03 257 1-1-1-1-1 2070	85A02 257 85A01 257 86A00 257 86A01 257 22-23 2050		4XK03 194 FF 2900	4XK02 194 FF 2900	50X03 184 22222 2040	50X02 184 22222 2040	51X00 199 51X01 199 51X02 199 51X03 199 51X04 199 1-1-1-1-1 2070	OXX03 199 OXX02 199 FF 2930	11X03 199 22222 2040	11X02 199 22222 2040	10X04 199 10X03 199 10X02 199 10X01 199 1-1-1-1-1 2070	85Z03 173 22222 2040	85Z02 173 22222 2040	90P00 117 90P01 117 90P02 117 90P03 117 90P04 117 IND 3880	93K00 193 93K01 193 93K02 193 93K03 193 93K04 193 IND 3880	90Q10 249 90Q11 249 90Q12 250 90Q13 250 90Q99 246 IND 3880	90Q05 248 90Q06 248 90Q07 248 90Q08 248 90Q09 248 IND 3880	90Q00 248 90Q01 248 90Q02 248 90Q03 248 90Q04 248 IND 3880	90005 248 90006 248 90007 248 90008 248 90009 248 IND 3880	90000 248 90001 248 90002 248 90003 248 90004 248 IND 3880	73C61 82 75C61 82 2-3 2013	CA 3180	
A	02P05 118 02P06 118 02P07 118 02P08 118 02P09 118 1-1-1-1-1 2070	33K01 192 22222 2040	33K00 192 22222 2040			71A02 255 03A30 197 22222 2040	71A00 255 70A04 255 4-4 2220	71A04 255 70A04 255 1-8 2160	87A01 257 70A00 255 1-8 2160	7XG07 257 FF 2020	4XK01 194 FF 2900	4XK00 194 FF 2900		50X01 184 22222 2040	50X00 184 22222 2040		OXX01 199 OXX00 199 FF 2930		11X01 199 22222 2040	11X00 199 22222 2040	80Z01 171 80Z00 171 72E02 197 3-3-2 2060	85Z01 173 22222 2040	85Z00 173 22222 2040								CA 3180

REVISIONS		
SYM	DATE	DESCRIPTION

FIGURE 8-338

QTY	FIND	REF	DES	CODE	DWG	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL							
UNIVAC							
DIVISION OF SPERRY RAND CORPORATION							
TITLE: CHASSIS MAP, CHASSIS 6 PART 2							
DRAFTSMAN: M. THOMPSON							
CHECKER: STRELNIKS							
ENGINEER: D. FREE							
DATE: 3-7-67							
DATE: 3-31-67							
DATE: 3-31-67							
DATE: 3-31-67							
CODE IDENT NO.: 90536							
SIZE: D							
DWG NO.: 7075295							
SCALE: _____							
WEIGHT: _____							
SHEET 2 OF _____							

IDENT NO. 7075295-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED	
DIMENSION IN INCHES TOLERANCE ON	LAYOUT
2 PLACE DECIMALS	± .005
3 PLACE DECIMALS	± .002
ANGLES	± .005
HOLE DIAMETER TOLERANCE	
0 THRU .250	± .005
.251 THRU .500	± .004
.501 & LARGER	± .003
THREADS: EXT. CL. & INT. CL. 2B	
MATERIAL	
FINISH	
APPLICATION	
COMMODITY CODE	

5

REVISIONS					
SYM	ZONE	EIR	DESCRIPTION	DATE	APPROVAL
A	E13243		17 BIT MODE + BOOTSTRAP COMPATIBILITY		
B	E13317		EXT INT HOLD ACTIVE FIF MOD		
C	E13375		5 PART 642B ENH INTERFACE MOD		
D	E13465		HOLD B FINAL MOD		
E	E13736		M642B J10 JUMP CORRECTION		
F	35579		INT IC T10 INTERRUPT CORRECTION		
G	0092		ABORT MOD		

	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62
G	OXH77 151	13H77 151 12H77 151	20F23 145 10H77 151	04F11 144 09F10 143	61FO1 146		70F30 148 50F36 148	41F51 148 11F73 148	14TO1 89 73H17 139	30F17 149 40F73 148 25T00 87	25F22 145 21F71 148 71F30 148	23T00 87 29N00 179		12R03 102 75H15 135	23N26 102 14R00 102 14R01 102	35T00 87 33T00 87 12T00 87 52T00 87	32T00 87 10N45 86	3XT00 86	2XT00 86	33T01 89 22T01 89 12T01 89 41F05 152 45T00 88	43T00 88 11N45 88	23T01 89 13T01 89	23N45 85	00N01 183	30N01 183	40N01 183	39N00 179 49N00 179 24N00 179		23N46 154		
F	FF 2020	22-23 2050	3-6 2080	2-3 2013	2-3-3 2990		22-23 2050	22-23 2050	5-4 2030	3-3-2 2060	3-3-2 2060	2-3 2013		1-1-1-1 2070	2-3-3 2990	1-1-1-1 2070	3-3-2 2060	2-3 2013	FF 2020	FF 2020	1-1-1-1 2070	2-3 2013	2-3 2013	3-3-4 2920	3-3-4 2920	22222 2040	22222 2040	2-3-3 2990		3-3-4 2920	
E	28N21 108 83FO1 150 11FO4 146	12F12 146 10F13 146 21F13 146	20F14 145 12F22 145 21F22 145	12F23 145 61F12 145 21F04 146	20F26 147 01N05 198 20F40 147	15T39 149 21T52 98 70H00 136	12F10 148 12F70 148 11F30 148	35N45 86 18N00 179	32F74 149 30F74 149	61H51 137 20N26 102	71F13 149 11F70 148 22F70 148 51F36 148 31F17 149		IXR00 102 IXR01 102	IXR04 102 IXR05 102	IXT00 85	5XT00 85	4XT01 86	4XT00 88	3XT01 89 2XT01 89	IXT01 88 5XT01 89	HITL 83 36N45 86 21N45 86 43T01 86	ION11 170 01N01 183 12N01 183 10N01 183 20N11 170	20N01 183 50N02 183 10N01 183	00N11 170 20N11 170			ION00 179 21N23 120				
D	2-3-3 2990	3-3-2 2060	3-3-2 2060	3-3-2 2060	3-3-2 2060	2-3-3 2990	3-3-2 2060	4-4 2220	22-23 2050	22-23 2050	1-1-1-1 2070		FF 2930	FF 2930	FF 2020	FF 2020	FF 2020	FF 2020	FF 2930	FF 2930	FF 2930	2-3-3 2990	2-3-3 2990	3-3-2 2060	3-3-2 2060	22-23 2050	22-23 2050		22-23 2050	CA 3180	
C	12F11 147 71FO4 147 73F24 147	30F27 147	70F24 147	70F21 147	70F20 147 10L00 190	71F11 147 20F32 147	12F72 148 12F71 148 11F50 148	13R03 102 38J09 79	25N46 154 03N11 170	31F13 149 21F75 149 OXF64 149	72G77 79 25T01 89	12F60 148 03J07 74 14T00 87 24H61 137 77G77 79	IXR02 102 IXR03 102	22N26 102 09N35 120	21N26 102 24N26 102 31N45 88	26N45 85 27N45 85	20N45 86 10H17 155 72H13 136	32N45 86 42T01 86 38N45 85 28N45 85	32T01 89 21F70 148 28N45 85	09N45 86 33N45 85 05N11 170	33N45 85 30N07 246	40N07 246 32N07 246 21N07 246		81E05 78 23N23 120 36N23 120	41N23 120	40N23 120 22N23 120 27N23 120	26N23 120 31N23 120	73C71 83 75C71 83			
B	3-3-2 2060	3-3-4 2920	3-3-4 2920	22222 2040	22-23 2050	5-4 2030	3-3-2 2060	1-1-1-1 2070	3-3-2 2060	2-3-3 2990	FF 2900	4-4 2220	1-1-1-1 2070	FF 2900	2-3-3 2990	3-3-2 2060	22-23 2050	3-3-2 2060	1-1-1-1 2070	3-3-2 2060	3-3-2 2060	3-3-2 2060	3-3-2 2060	3-3-2 2060	3-3-2 2060			3-3-2 2060	2-3-3 2990	2-3 2013	
A	31F61 148 11F37 147 11F36 147	11F60 148 11F74 149 11F43 147	41F26 147 71H20 136 21F40 147 31F14 147	70H14 136 70H12 136	71H01 138 20H62 138	71H01 138 71H02 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	71H01 138 20H62 138	
	2-3-3 2990	2-3-3 2990	3-3-2 2060	1-1-1-1 2070	3-3-4 2920	22222 2040	22-23 2050	22-23 2050	22-23 2050	22-23 2050	22-23 2050	22-23 2050	3-3-4 2920	3-3-2 2060	2-3-3 2990	2-3-3 2990	22-23 2050	3-3-2 2060	FF 2020	FF 2020	FF 2020	FF 2930	22222 2040	22222 2040	1-1-1-1 2070	3-6 2080	22222 2040	22-23 2050	3-3-2 2060	22222 2040	CA 3180
	5XB01 154	21T53 98 03T52 94	64F13 146 63F13 146 42F73 148	02N11 170 07N11 170 03T32 92	14F71 148 02T22 147 13S06 306 23F23 145	5XT02 85 40H60 138	11F01 148 40H60 138	12H70 139 74H17 139 62F13 146 21H60 138 71H14 136	15H17 138 11H72 139 11H70 139 11H71 139 11H67 139 07T53 94	72F24 147 11E05 152 07T53 94	20H60 138 22N25 123	71H13 136 31H16 136 10T44 96	19T00 100 33H17 137	04T24 91 7XG77 79	7XG77 79	7XG77 79	7XG77 79	7XG77 79	7XG77 79	7XG77 79	7XG77 79	7XG77 79	7XG77 79	7XG77 79	7XG77 79	7XG77 79	7XG77 79	7XG77 79	7XG77 79	7XG77 79	7XG77 79
	FF 2020	2-3 2013	2-3-3 2990	3-3-2 2060	1-1-1-1 2070	FF 2020	4-4 2220	1-1-1-1 2070	2-3-3 2990	2-3-3 2990	3-3-2 2060		3-3-4 2920	22222 2040	3-3-2 2060	3-3-2 2060	22-23 2050	FF 2020	FF 2020	22-23 2050	22-23 2050	22-23 2050	22-23 2050	22-23 2050	22-23 2050	22-23 2050			22-23 2050	CA 5030	
	03T44 93 02T52 94 03T53 94 02T53 94 11T54 96	11T44 96 11T53 96	10T54 96 10T53 96 10T52 96		74H13 135		13H67 138 11H66 138 42H70 139 22H53 137 11H07 139	15H66 138 30H71 139 11H74 139 11H73 139	17H66 138 11H74 139 11H73 139	10H67 138 14H66 138 30L00 253 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139	11H65 139 10H07 139 41H70 139		
	1-1-1-1 2070	2-3 2013	3-3-2 2060		3-3-4 2920		1-1-1-1 2070	2-3-3 2990	2-3-3 2990	3-3-2 2060	3-3-2 2060	FF 2020	FF 2020	22222 2040	22222 2040	3-3-4 2920	FF 2020	22222 2040	22-23 2050	22-23 2050	22-23 2050	22-23 2050	22-23 2050	22-23 2050	22-23 2050	22-23 2050	22-23 2050	22-23 2050	22-23 2050	22-23 2050	CA 3180
	OXH77 151	13H77 151 12H77 151	20F23 145 10H77 151	04F11 144 09F10 143	61FO1 146		70F30 148 50F36 148	41F51 148 11F73 148	14TO1 89 73H17 139	30F17 149 40F73 148 25T00 87	25F22 145 21F71 148 71F30 148	23T00 87 29N00 179		12R03 102 75H15 135	23N26 102 14R00 102 14R01 102	35T00 87 33T00 87 12T00 87 52T00 87	32T00 87 10N45 86	3XT00 86	2XT00 86	33T01 89 22T01 89 12T01 89 41F05 152 45T00 88	43T00 88 11N45 88	23T01 89 13T01 89	23N45 85	00N01 183	30N01 183	40N01 183	39N00 179 49N00 179 24N00 179		23N46 154		
	FF 2930	FF 2930	FF 2930	2-3-3 2990	3-3-2 2060	FF 2930	FF 2020	1-1-1-1 2070	2-3-3 2990	2-3-3 2990	3-3-2 2060	3-3-2 2060	3-3-2 2060	22-23 2050	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880

FIGURE 8-340

QTY REQD	FIND	REF DES	CODE IDENT	DWG SIZE	PART OR IDENTIFYING NO.	NOMENCLATURE OR DESCRIPTION
LIST OF MATERIAL						
UNLESS OTHERWISE SPECIFIED:						
DIMENSION IN INCHES TOLERANCE ON 2 PLACE DECIMALS 3 PLACE DECIMALS ANGLES						
HOLE DIAMETER TOLERANCE						
0 THRU .250 +.003 0.251 THRU .500 +.010 .501 & LARGER +.015						
THREADS: E, F, G, H, I, J, K, L, M, N, P, R, S, T, U, V, W, X, Y, Z, 2B						
MATERIAL						
FINISH						
LAYOUT DATE CLASS						
DRAFTSMAN G.R. THOMPSON 1-26-67						
CHECKER R.E. STRELNIEKS 3-31-67						
ENGINEER D. FREE 3-31-67						
APPROVAL: <i>[Signature]</i> 3-31-67						
TITLE CHASSIS MAP, CHASSIS 7 PART 2						
CODE IDENT NO. 90536 SIZE D DWG NO. 7075298						
SCALE WEIGHT SHEET 2 OF						

IDENT NO. 7075298-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

REVISIONS			DATE	APPROVED
SYM	ZONE	EIR	DESCRIPTION	
A		71704	SEE EIR	BRU-1-65

	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	
D	20YD02 285 IOYD02 285	20YD04 285 IOYD04 285	20YD06 285 IOYD06 285	IOYG00 285 IOYG02 285 IOYG01 285 IOYG03 285	IOYG04 285 IOYG06 285 IOYG05 285 IOYG07 285	IOXG00 288 IOXG02 288 IOXG01 288 IOXG03 288	IOXG04 288 IOXG06 288 IOXG05 288 IOXG07 288	20XD01 288 IOXD01 288	20XD03 288 IOXD03 288	20XD05 288 IOXD05 288	20XD07 288 IOXD07 288	IOXROO 287	20XW00 287	IOXM00 287 20XM00 287		30IS03 259 30IS04 259	g5S00 274,278	g5S01 274,278	g5S02 274,278	g5S03 275,279	g5S04 275,279	g5S05 275,279	g5S06 275,279	20YW10 284 20XW10 287	20YW20 284 20XW20 287			
		SA 3660	SA 3660	SA 3660	SEL 3680	SEL 3680	SEL 3680	SEL 3680	SA 3660	SA 3660	SA 3660	SA 3660	DR 3690	DR 3690	IP 3611	CA 3180	DR 2013	22222 2040	22222 2040	22222 2040	22222 2040	22222 2040	22222 2040	22222 2040	2630	SA 3660		
C	20YD01 285 IOYD01 285	20YD03 285 IOYD03 285	20YD05 285 IOYD05 285	20YD07 285 IOYD07 285	OOSM06 282 OISM06 282	OOSM07 282 OISM07 282	OOSM08 282 OISM08 282	20XD00 288 IOXD00 288	20XD02 288 IOXD02 288	20XD04 288 IOXD04 288	20XD06 288 IOXD06 288	OOSM09 283 OISM09 283	OOSM10 283 OISM10 283	OOSM11 283 OISM11 283		30IS01 259 30IS02 259	IOID09 292	I2IS09 292 I1IS11 293 I2IS10 293 I1IS10 293 I2IS11 293 I1IS09 292	IOID10 293	I4IS09 292 I3IS11 293 I4IS10 293 I3IS10 293 I4IS11 293 I3IS09 292	IOID11 293	IOID12 293	I2IS12 293 I1IS14 293 I2IS13 293 I1IS13 293 I2IS14 293 I1IS12 293	IOID13 293	I4IS12 293 I3IS14 293 I4IS13 293 I3IS13 293 I4IS14 293 I3IS12 293	IOID14 293		
		SA 3660	SA 3660	SA 3660	SA 3660	DR 3621	DR 3621	DR 3621	SA 3660	SA 3660	SA 3660	SA 3660	DR 3621	DR 3621	DR 3621	CA 3180	DR 2013	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3700
B	IOYS02 284 20YS02 284	IOYS03 284 20YS03 284	IOYS04 284 20YS04 284	OOSM12 283 OISM12 283	OOSM13 283 OISM13 283	IOXS01 287 20XS01 287	IOXS02 287 20XS02 287	IOXS03 287 20XS03 287	IOXS04 287 20XS04 287		IOVR10 332	IOIPOO 291	IOID00 291	I2IS00 291 I1IS02 291 I2IS01 291 I1IS01 291 I2IS02 291 I1IS00 291	IOID01 291	I4IS00 291 I3IS02 291 I4IS01 291 I3IS01 291 I4IS02 291 I3IS00 291	IOID02 291	IOID03 291	I2IS03 291 I1IS05 292 I2IS04 291 I1IS04 291 I2IS05 292 I1IS03 291	IOID04 291	I4IS03 291 I3IS05 292 I4IS04 291 I3IS04 291 I4IS05 292 I3IS03 291	IOID05 292	IOID06 292	I2IS06 292 I1IS08 292 I2IS07 292 I1IS07 292 I2IS08 292 I1IS06 292	IOID07 292	I4IS06 292 I3IS08 292 I4IS07 292 I3IS07 292 I4IS08 292 I3IS06 292	IOID08 292	
		SW 3670	SW 3670	SW 3670	DR 3621	DR 3621	SW 3670	SW 3670	SW 3670	SW 3670	CA 4020	+10V REG 3730	IP 3611	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3700
A																												

FIGURE 8-346

QTY	REQD	FIN	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
					IDENT	SIZE	IDENTIFYING NO	
LIST OF MATERIAL								
							CLASS	UNIVAC
							DATE	6-30-65
							DRAFTSMAN	D.R.MUMS
							CHECKER	D.C. WHEELER
							ENGINEER	R.W. SVOBODNY
							APPROVAL	<i>R. W. Svo</i>
							TITLE	CHASSIS MAP, MAIN MEMORY 10,12 PART 2
							CODE IDENT NO.	90536
							SIZE	D
							DWG NO.	7032768
							SCALE	
							SHEET	2 OF 2

IDENT NO. 7032768-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION AND IS FURNISHED PURSUANT TO THE FOLLOWING INSTRUMENT:

ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION THEREON MAY NOT BE DEALT WITH IN ANY MANNER EXCEPT FOR THE PURPOSES OF THAT INSTRUMENT OR AS OTHERWISE PERMITTED IN WRITING BY THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED		
DIMENSION IN INCHES TOLERANCE OR	LAYOUT	
2 PLACE DECIMALS	±	3 PLACE DECIMALS
HOLE DIAMETER TOLERANCE	±	ANGLES
0 THRU .250	+ .003	.901 & LARGER
.251 THRU .500	+ .005	+ .010
.501 THRU 1.000	+ .007	- .005
1.001 THRU 2.000	+ .010	
2.001 THRU 5.000	+ .015	
5.001 THRU 10.000	+ .020	
10.001 THRU 25.000	+ .030	
25.001 THRU 50.000	+ .040	
50.001 THRU 100.000	+ .050	
100.001 THRU 250.000	+ .070	
250.001 THRU 500.000	+ .090	
500.001 THRU 1000.000	+ .120	
1000.001 THRU 2500.000	+ .150	
2500.001 THRU 5000.000	+ .200	
5000.001 THRU 10000.000	+ .250	
10000.001 THRU 25000.000	+ .300	
25000.001 THRU 50000.000	+ .400	
50000.001 THRU 100000.000	+ .500	
100000.001 THRU 250000.000	+ .600	
250000.001 THRU 500000.000	+ .750	
500000.001 THRU 1000000.000	+ .900	
1000000.001 THRU 2500000.000	+ 1.125	
2500000.001 THRU 5000000.000	+ 1.500	
5000000.001 THRU 10000000.000	+ 1.875	
10000000.001 THRU 25000000.000	+ 2.250	
25000000.001 THRU 50000000.000	+ 2.625	
50000000.001 THRU 100000000.000	+ 3.000	
100000000.001 THRU 250000000.000	+ 3.375	
250000000.001 THRU 500000000.000	+ 3.750	
500000000.001 THRU 1000000000.000	+ 4.125	
1000000000.001 THRU 2500000000.000	+ 4.500	
2500000000.001 THRU 5000000000.000	+ 4.875	
5000000000.001 THRU 10000000000.000	+ 5.250	
10000000000.001 THRU 25000000000.000	+ 5.625	
25000000000.001 THRU 50000000000.000	+ 6.000	
50000000000.001 THRU 100000000000.000	+ 6.375	
100000000000.001 THRU 250000000000.000	+ 6.750	
250000000000.001 THRU 500000000000.000	+ 7.125	
500000000000.001 THRU 1000000000000.000	+ 7.500	
1000000000000.001 THRU 2500000000000.000	+ 7.875	
2500000000000.001 THRU 5000000000000.000	+ 8.250	
5000000000000.001 THRU 10000000000000.000	+ 8.625	
10000000000000.001 THRU 25000000000000.000	+ 9.000	
25000000000000.001 THRU 50000000000000.000	+ 9.375	
50000000000000.001 THRU 100000000000000.000	+ 9.750	
100000000000000.001 THRU 250000000000000.000	+ 10.125	
250000000000000.001 THRU 500000000000000.000	+ 10.500	
500000000000000.001 THRU 1000000000000000.000	+ 10.875	
1000000000000000.001 THRU 2500000000000000.000	+ 11.250	
2500000000000000.001 THRU 5000000000000000.000	+ 11.625	
5000000000000000.001 THRU 10000000000000000.000	+ 12.000	
10000000000000000.001 THRU 25000000000000000.000	+ 12.375	
25000000000000000.001 THRU 50000000000000000.000	+ 12.750	
50000000000000000.001 THRU 100000000000000000.000	+ 13.125	
100000000000000000.001 THRU 250000000000000000.000	+ 13.500	
250000000000000000.001 THRU 500000000000000000.000	+ 13.875	
500000000000000000.001 THRU 1000000000000000000.000	+ 14.250	
1000000000000000000.001 THRU 2500000000000000000.000	+ 14.625	
2500000000000000000.001 THRU 5000000000000000000.000	+ 15.000	
5000000000000000000.001 THRU 10000000000000000000.000	+ 15.375	
10000000000000000000.001 THRU 25000000000000000000.000	+ 15.750	
25000000000000000000.001 THRU 50000000000000000000.000	+ 16.125	
50000000000000000000.001 THRU 100000000000000000000.000	+ 16.500	
100000000000000000000.001 THRU 250000000000000000000.000	+ 16.875	
250000000000000000000.001 THRU 500000000000000000000.000	+ 17.250	
500000000000000000000.001 THRU 1000000000000000000000.000	+ 17.625	
1000000000000000000000.001 THRU 2500000000000000000000.000	+ 18.000	
2500000000000000000000.001 THRU 5000000000000000000000.000	+ 18.375	
5000000000000000000000.001 THRU 10000000000000000000000.000	+ 18.750	
10000000000000000000000.001 THRU 25000000000000000000000.000	+ 19.125	
25000000000000000000000.001 THRU 50000000000000000000000.000	+ 19.500	
50000000000000000000000.001 THRU 100000000000000000000000.000	+ 19.875	
100000000000000000000000.001 THRU 250000000000000000000000.000	+ 20.250	
250000000000000000000000.001 THRU 500000000000000000000000.000	+ 20.625	
500000000000000000000000.001 THRU 1000000000000000000000000.000	+ 21.000	
1000000000000000000000000.001 THRU 2500000000000000000000000.000	+ 21.375	
2500000000000000000000000.001 THRU 5000000000000000000000000.000	+ 21.750	
5000000000000000000000000.001 THRU 10000000000000000000000000.000	+ 22.125	
10000000000000000000000000.001 THRU 25000000000000000000000000.000	+ 22.500	
25000000000000000000000000.001 THRU 50000000000000000000000000.000	+ 22.875	
50000000000000000000000000.001 THRU 100000000000000000000000000.000	+ 23.250	
100000000000000000000000000.001 THRU 250000000000000000000000000.000	+ 23.625	
250000000000000000000000000.001 THRU 500000000000000000000000000.000	+ 24.000	
500000000000000000000000000.001 THRU 1000000000000000000000000000.000	+ 24.375	
1000000000000000000000000000.001 THRU 2500000000000000000000000000.000	+ 24.750	
2500000000000000000000000000.001 THRU 5000000000000000000000000000.000	+ 25.125	
5000000000000000000000000000.001 THRU 10000000000000000000000000000.000	+ 25.500	
10000000000000000000000000000.001 THRU 25000000000000000000000000000.000	+ 25.875	
25000000000000000000000000000.001 THRU 50000000000000000000000000000.000	+ 26.250	
50000000000000000000000000000.001 THRU 100000000000000000000000000000.000	+ 26.625	
100000000000000000000000000000.001 THRU 250000000000000000000000000000.000	+ 27.000	
250000000000000000000000000000.001 THRU 500000000000000000000000000000.000	+ 27.375	
500000000000000000000000000000.001 THRU 1000000000000000000000000000000.000	+ 27.750	
1000000000000000000000000000000.001 THRU 2500000000000000000000000000000.000	+ 28.125	
2500000000000000000000000000000.001 THRU 5000000000000000000000000000000.000	+ 28.500	
5000000000000000000000000000000.001 THRU 10000000000000000000000000000000.000	+ 28.875	
10000000000000000000000000000000.001 THRU 25000000000000000000000000000000.000	+ 29.250	
25000000000000000000000000000000.001 THRU 50000000000000000000000000000000.000	+ 29.625	
50000000000000000000000000000000.001 THRU 1000000		

REVISIONS						
SYM	ZONE	EIR	DESCRIPTION	CHK	DATE	APPROVED
A		71704	SEE EIR		8/1-65	
B	4694		FACILITATE ADJUSTMENT OF SENSE BIAS			

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26		
D	9gZ15 265, 271	9gZ20 266, 272	9gZ25 267, 273	9gS07 276, 280	9gS12 277, 281	gXS08 276, 280	gXS10 277, 281	gXS12 277, 281	gXMT00 259	g6MTO0 260	30MT23 261	gOMTO1 261	30MT02 261	30MT03 261	38MT01 259	gOMT14 261	33MT02 259	33MT03 259	14S12 283	34MT01 259	31MT13 259	31MT02 259		IOYR00 284	20YW00 284	IOYMO0 284		
	9gZ16 265, 271	9gZ21 266, 272	9gZ26 267, 273	9gS08 276, 280	9gS13 277, 281	gXS07 276, 280	gXS09 276, 280	gXS11 277, 281	gXS13 277, 281	g6MTO1 260				30MT07 261	gOMTO4 261				14S13 283	34MT02 259	32MT13 259	32MT02 259					20YMO0 284	
	9gZ17 265, 271	9gZ22 266, 272	9gZ27 267, 273	9gS09 276, 280																	30MT13 261	33MT11 259						
	9gZ18 265, 271	9gZ23 266, 272	9gZ28 267, 273	9gS10 277, 281																								
	9gZ19 265, 271	9gZ24 266, 272	9gZ29 267, 273	9gS11 277, 281																								
	IND 3880	IND 3880	IND 3880	IND 3880	IND 3880	FF 2900	FF 2900	FF 2900	FF 2900	DR 2013	2-3-3 2990	DY 2120	DY 3710	EF 3640	DR 2013	DR 2013	DR 2013	DR 2013	DR 2013	DR 2013	DR 2013	DR 2013	DR 2013	DR 2013	DR 2013	DR 2013	DR 2013	IP 3611
C	gXZ25 267, 273	gXZ26 267, 273	gXZ27 267, 273	gXZ28 267, 273	gXZ29 267, 273	12SA00 294	12SA01 294	12SA02 294	12SA03 294	12SA04 294	12SA05 295	12SA06 295	12SA07 295	12SA08 295	12SA09 295	12SA10 296	12SA11 296	12SA12 296	12SA13 296	12SA14 296		31MT01 259	OOSMOO 282	OOSMO1 282	OOSMO2 282	20YDOO 285		
	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	CA 3180	DR 3621	OISM00 282	OISM01 282	OISM02 282	IOYDOO 285	
B	gXZ20 266, 272	gXZ21 266, 272	gXZ22 266, 272	gXZ23 266, 272	gXZ24 266, 272	34SA00 294	34SA01 294	34SA02 294	34SA03 294	34SA04 294	34SA05 295	34SA06 295	34SA07 295	34SA08 295	34SA09 295	34SA10 296	34SA11 296	34SA12 296	34SA13 296	34SA14 296			gIVS15 332	OIVS45 332	gIMT04 259	IOYSOI 284		
	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	SA 4460*	CA 3180		±15V SENSOR 2880	-4.5V SENSOR 3720	g4MT03 259	20YSOI 284	
A	gXZ15 265, 271	gXZ16 265, 271	gXZ17 265, 271	gXZ18 265, 271	gXZ19 265, 271	g7MTO0 260	g5MTO0 260																					
	FF 2000	FF 2000	FF 2000	FF 2000	FF 2000	DR 2013	DR 2013	CA 3180																				

NOTE:
1. * 3751 CARDS ARE USED
ON SERIAL 1 THRU 9.

FIGURE 8-347

QTY	FINI	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
LAYOUT							DATE
CLASS							A
DRAFTSMAN							D.R. MUHS
CHECKER							D.C. WHEELER
ENGINEER							R.W. SVOBODNY
APPROVED							<i>R. Oulidny</i>
TITLE							CHASSIS MAP, MAIN MEMORY 11, 13 PART I
CODE IDENT NO.							90536
SIZE							D
DWG NO.							7032767
SCALE							
WEIGHT							
SHEET							1 OF 2

IDENT NO. 7032767-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION...
ON THE UNDERSTANDING THAT THIS DOCUMENT AND THE INFORMATION CONTAINED HEREIN ARE TO BE USED ONLY FOR THE PURPOSES STATED HEREIN AND ARE TO BE DESTROYED WHEN NO LONGER REQUIRED FOR THE PURPOSES STATED HEREIN.

FINISH	
EQUIPMENT	
APPL. LOCATION	
COMMODITY CODE	

REVISIONS			
SYM	ZONE	EIR	DESCRIPTION
A		71704	SEE EIR

	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53															
D	20YD02 285	20YD04 285	20YD06 285	IOYG00 285	IOYG04 285	IOXG00 288	IOXG04 288	20XD01 288	20XD03 288	20XD05 288	20XD07 288	IOXROO 287	20XW00 287	IOXM00 287		30IS03 259	g5S07 276 280	g5S08 276 280	g5S09 276 280	g5S10 277 281	g5S11 277 281	g5S12 277 281	g5S13 277 281	20YW10 284	20YW20 284																	
	IOYD02 285	IOYD04 285	IOYD06 285	IOYG01 285	IOYG02 285	IOXG01 288	IOXG02 288	IOXD01 288	IOXD03 288	IOXD05 288	IOXD07 288			20XM00 287		30IS04 259								20XW10 287	20XW20 287																	
				IOYG03 285	IOYG05 285	IOXG03 288	IOXG05 288																																			
	SA 3660	SA 3660	SA 3660	SEL 3680	SEL 3680	SEL 3680	SEL 3680	SA 3660	SA 3660	SA 3660	SA 3660	DR 3690	DR 3690	IP 3611	CA 3180	DR 2013	22222 2040	22222 2040	22222 2040	22222 2040	22222 2040	22222 2040	22222 2040	2630	SA 3660																	
C	20YD01 285	20YD03 285	20YD05 285	20YD07 285	OOSM06 282	OOSM07 282	OOSM08 282	20XD00 288	20XD02 288	20XD04 288	20XD06 288	OOSM09 283	OOSM10 283	OOSM11 283		30IS01 259	IOID09 292	I2IS09 292	IOID10 293	I4IS09 292	IOID11 293	IOID12 293	I2IS12 293	IOID13 293	I4IS12 293	IOID14 293																
	IOYD01 285	IOYD03 285	IOYD05 285	IOYD07 285	OISM06 282	OISM07 282	OISM08 282	IOXD00 288	IOXD02 288	IOXD04 288	IOXD06 288	OISM09 283	OISM10 283	OISM11 283		30IS02 259	I1IS11 293	I2IS10 293	I1IS10 293	I2IS11 293	I1IS09 292	I3IS11 293	I4IS10 293	I3IS10 293	I4IS11 293	I3IS09 292	I1IS12 293	I3IS14 293	I4IS13 293	I3IS13 293	I4IS14 293	I3IS12 293										
	SA 3660	SA 3660	SA 3660	SA 3660	DR 3621	DR 3621	DR 3621	SA 3660	SA 3660	SA 3660	SA 3660	DR 3621	DR 3621	DR 3621	CA 3180	DR 2013	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690											
B	IOYS02 284	IOYS03 284	IOYS04 284	OOSM12 283	OOSM13 283	IOXS01 287	IOXS02 287	IOXS03 287	IOXS04 287		IOVR10 332	IOIP00 291	IOID00 291	I2IS00 291	IOID01 291	I4IS00 291	IOID02 291	IOID03 291	I2IS03 291	IOID04 291	I4IS03 291	IOID05 292	IOID06 292	I2IS06 292	IOID07 292	I4IS06 292	IOID08 292															
	20YS02 284	20YS03 284	20YS04 284	OISM12 283	OISM13 283	20XS01 287	20XS02 287	20XS03 287	20XS04 287					I1IS02 291	I2IS01 291	I1IS01 291	I2IS02 291	I1IS00 291	I3IS02 291	I4IS01 291	I3IS01 291	I4IS02 291	I3IS00 291	I1IS05 292	I2IS04 291	I1IS04 291	I2IS05 292	I1IS03 291	I3IS05 292	I4IS04 291	I4IS05 292	I3IS03 291	I1IS08 292	I2IS07 292	I1IS07 292	I2IS08 292	I1IS06 292	I3IS08 292	I4IS07 292	I3IS07 292	I4IS08 292	I3IS06 292
	SW 3670	SW 3670	SW 3670	DR 3621	DR 3621	SW 3670	SW 3670	SW 3670	SW 3670	CA 4020	+10V REG 3730	IP 3611	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	DR 3700	DR 3690	
A																																										

FIGURE 8-348

QTY	FIND	REF	DES	CODE	DWG	PART OR	NOMENCLATURE OR DESCRIPTION
REQD				IDENT	SIZE	IDENTIFYING NO.	
LIST OF MATERIAL							
				CLASS		UNIVAC	
				DATE		8-30-65	
				DRAFTSMAN		D.R. MUHS	
				CHECKER		D.C. WHEELER	
				ENGINEER		R.W. SVOBODNY	
				DATE		8-17-65	
				DATE		8-17-65	
				CODE IDENT NO.		90536	
				SIZE		D	
				DWG NO.		7032767	
				SCALE		WEIGHT	
				SHEET 2 OF			

IDENT NO 7032767-00

THIS DOCUMENT CONTAINS CONFIDENTIAL INFORMATION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION. IT IS TO BE KEPT SECRET AND NOT TO BE DISCLOSED OR REPRODUCED IN ANY MANNER OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF THE UNIVAC DIVISION OF SPERRY RAND CORPORATION.

UNLESS OTHERWISE SPECIFIED:
FINISH
MATERIAL
THREADS EXCEPT AS INT. CL. 2B
HOLE DIAMETER TOLERANCE
THRU .250" - .005" .005" & LARGER
.002" .005" .005"
DECIMALS
2 PLACE
ANGLES
3 PLACE
TOLERANCE ON
2 PLACE
DECIMALS
3 PLACE
UNLESS OTHERWISE SPECIFIED:
FINISH
MATERIAL
THREADS EXCEPT AS INT. CL. 2B
HOLE DIAMETER TOLERANCE
THRU .250" - .005" .005" & LARGER
.002" .005" .005"
DECIMALS
2 PLACE
ANGLES
3 PLACE
TOLERANCE ON
2 PLACE
DECIMALS
3 PLACE

LAYOUT	DATE	CLASS
DRAFTSMAN	8-30-65	A
D.R. MUHS		
CHECKER	8-17-65	
D.C. WHEELER		
ENGINEER	8-17-65	
R.W. SVOBODNY		

CHASSIS MAP, MAIN MEMORY 11, 13 PART 2