

ELECTRONIC ANALYTICAL CONTROL UNIT

SYSTEM DIAGRAMS TYPE 704 VOLUME 2

TABLE OF CONTENTS

INDEX NO	DESCRIPTION	PART NO	ENG CHG
1 SYSTEM DIAGRAMS			
3.01	INSTRUCTION REG PULSE GEN	503791	242719
3.02	INSTRUCTION REG S TGR	503792	242390
3.03	INSN REG 1-5 PRI OPER PART	503793	242390
3.04	INSTRUCTION REG 6-9	503794	2424698
3.05	SH 1 SHIFT CTR PULSE GEN	503795	242391
3.05	SH 2 SHIFT CTR PULSE GEN II	503796	242307
3.06	INSN REG 10-17 SHIFT CTR	503797	51600K
3.07	ZERO ADDRESS CONTROLS	503798	51600K
3.08	F. P. ENTRY TO SHIFT CTR 10-17	503799	242307
3.10	PRIMARY OPERATION DECODER	503800	242760
3.10.01	SH 1 PRIMARY OP DECODER	503801	242138
3.10.01	SH 2 PRIMARY OP DECODER	503802	242762
3.10.02	SUBTRACT CONTROL	503803	241563
3.10.04	HALT CONTROL	503804	51600K
3.10.06	TRAPPING CONTROL	503805	241701
3.11	SECONDARY OPN DECODER	503806	51600K
3.11.01	SENSE OPERATION DECODER	503807	241658
3.12	SENSE UNIT ADDRESS	503808	241861
3.20	ADVANCE INST COUNTER	503809	242264
3.20.02	RESET INST-CTR ADR SW-INST CTR	503810	241561
3.20.03	INSN CTR TRANSFER CTRL	503811	242941
3.21	INSTRUCTION COUNTER	503812	242941
3.40	ADDRESS SWITCH INPUT CTRLS	503813	242135
3.42	SH 1 ADDRESS REGISTER	503814	242466
3.42	SH 2 ADDRESS REGISTER	503815	242137
4.01	OP PNL ENTRY KEYS S, 1-5	503816	241748
4.02	OP PNL ENTRY KEYS 6-35	503817	241748
4.03	ENTER MQ	503818	242256
4.04	SENSE KEYS AND LIGHTS	503819	241065
4.05.01	TURN OFF MASTER STOP TGR	503820	242470
4.05.02	TURN ON MASTER STOP TGR	503821	242571
4.05.03	TURN ON MASTER STOP TGR ON CHECK STOP	503822	242710
4.05.04	MASTER STOP TGR & OUTPUTS	503823	242580
4.06	OPR PNL AUTO & MANUAL CTRLS	503824	242343
4.07	MACH CY, SINGLE & MULT STEP	503825	242574
4.08	RESET CKTS #1	503826	242573
4.09	RESET CKTS #2	503827	242136
4.10	RESET RELAY POINTS	503828	241065
4.10.09	SWITCH READ	512823	241476
4.11	INSTRUCTION NEONS	503829	241745
4.12	INSTRUCTION CTR NEONS	503830	241820
4.13	INDICATOR LIGHTS	503831	242717
4.14	MQ REG NEON INVERTER CHART	503832	241065
4.15	STOR REG NEON INV CHART	503833	241065
4.16	ACC REG NEON INV CHART	503834	241065
4.17	ENTER INSTRUCTION TIMER	503835	242719
4.18	STORAGE DISPLAY TIMER	503836	242041
4.19	LOAD TIMER	503837	242466
4.20	MAIN FRAME RELAY CHART	503838	242947
4.21	DISPLAY EFFECTIVE ADR AND DISPLAY XRS A-B-C	503839	242947
4.22	OPR PNL MIXING CKTS	503840	242842
4.23	POWER SUPPLY CTRL OPRS PANEL	503841	241065
4.24	CONTINUOUS STORAGE RI/RO	503842	241658
4.25	TERMINAL BLOCK CHART OP PNL	503843	242711

2 PREVIOUS ENG CHGS

09/29/55 241842
10/25/55 241955

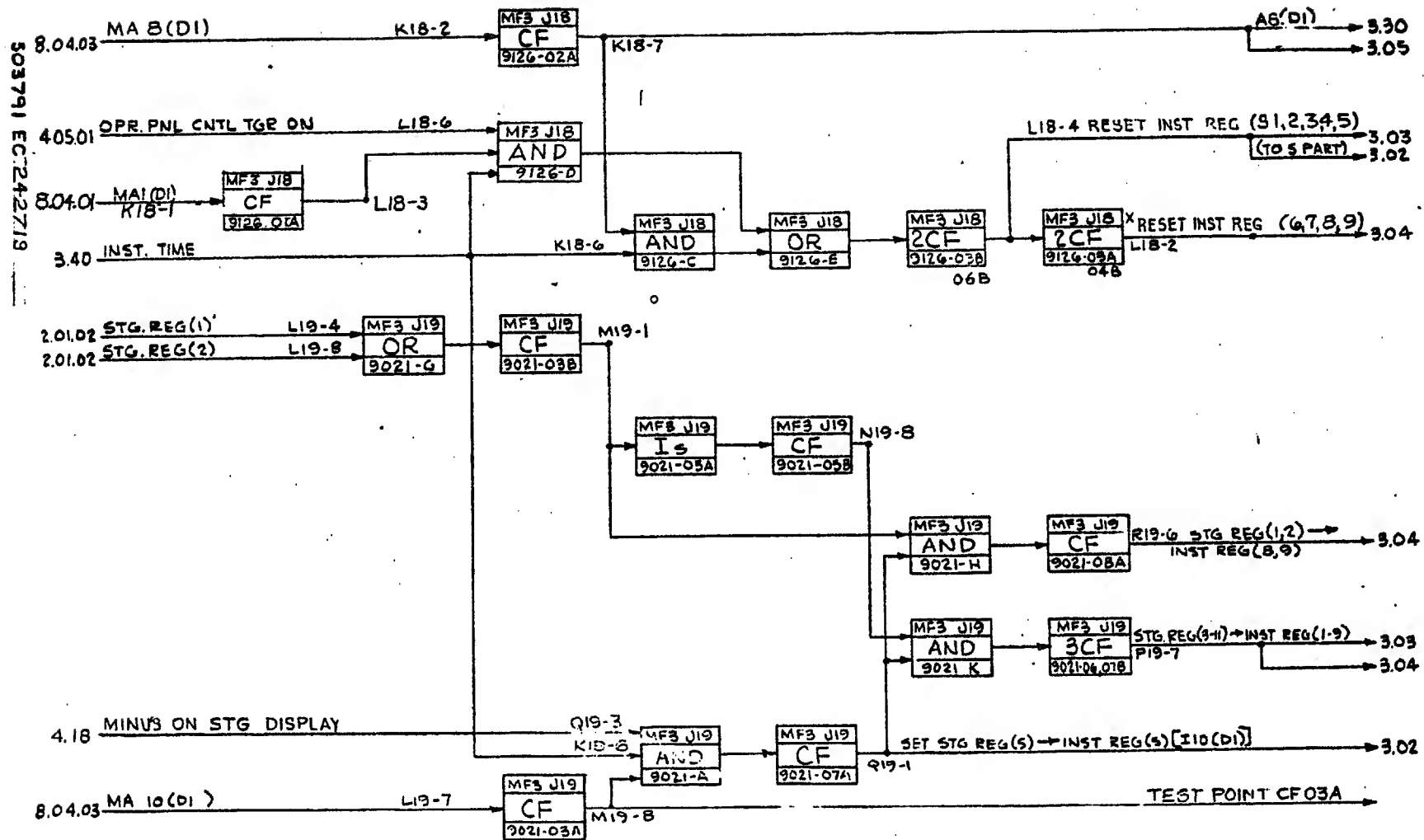
INDEX NO

DESCRIPTION

PART NO ENG CHG

01/16/56	242328
05/23/56	242877
08/02/56	243096

END



INSTRUCTION REGISTER PULSE GENERATOR

503792

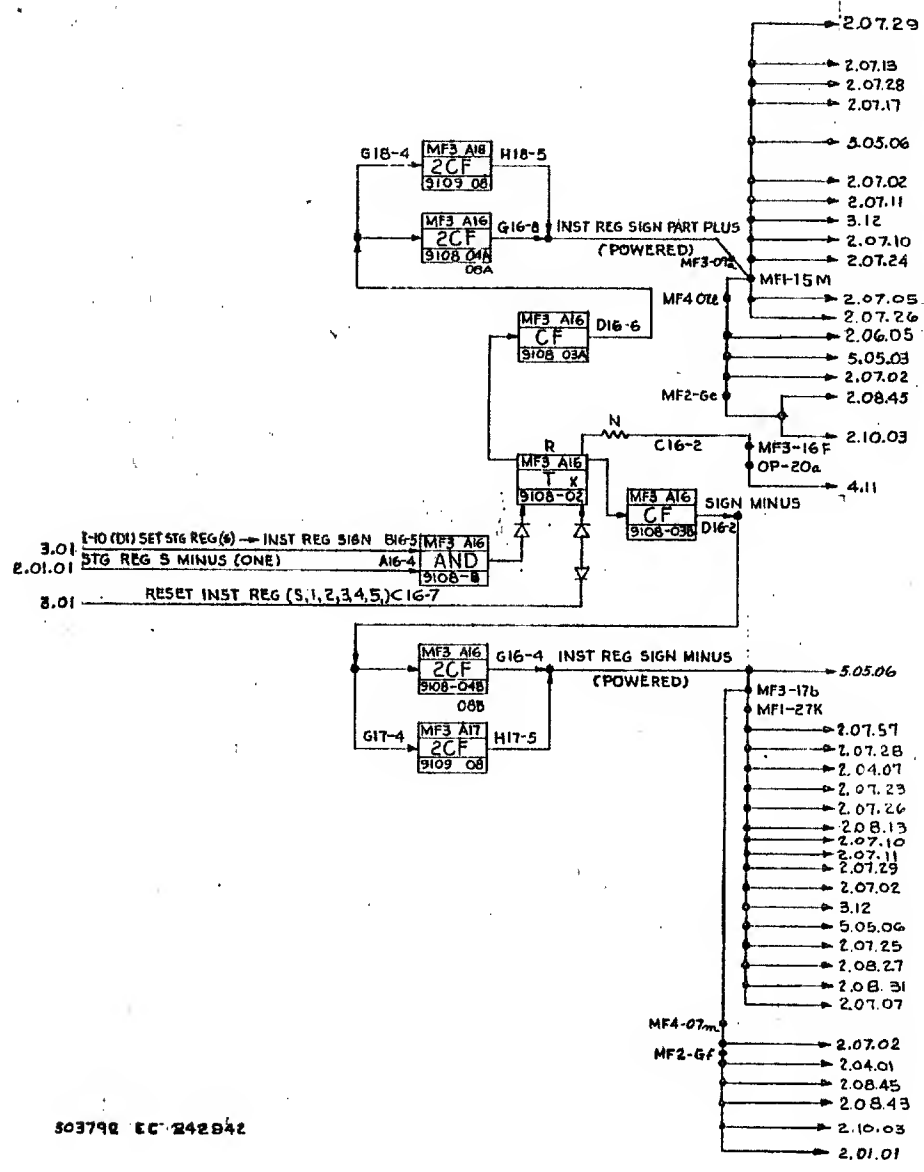
DATE 6-6-55 51600X
 6-8-55 24178
 9-7-55 241616
 5-8-56 242390
 6-25-56 242940
 10-7-56 242942

WAS 104-3139 NONE 503627

STANDARD FOR ISSUE 503627

INSTRUCTION REG (5) TGR

3.02



NOTE

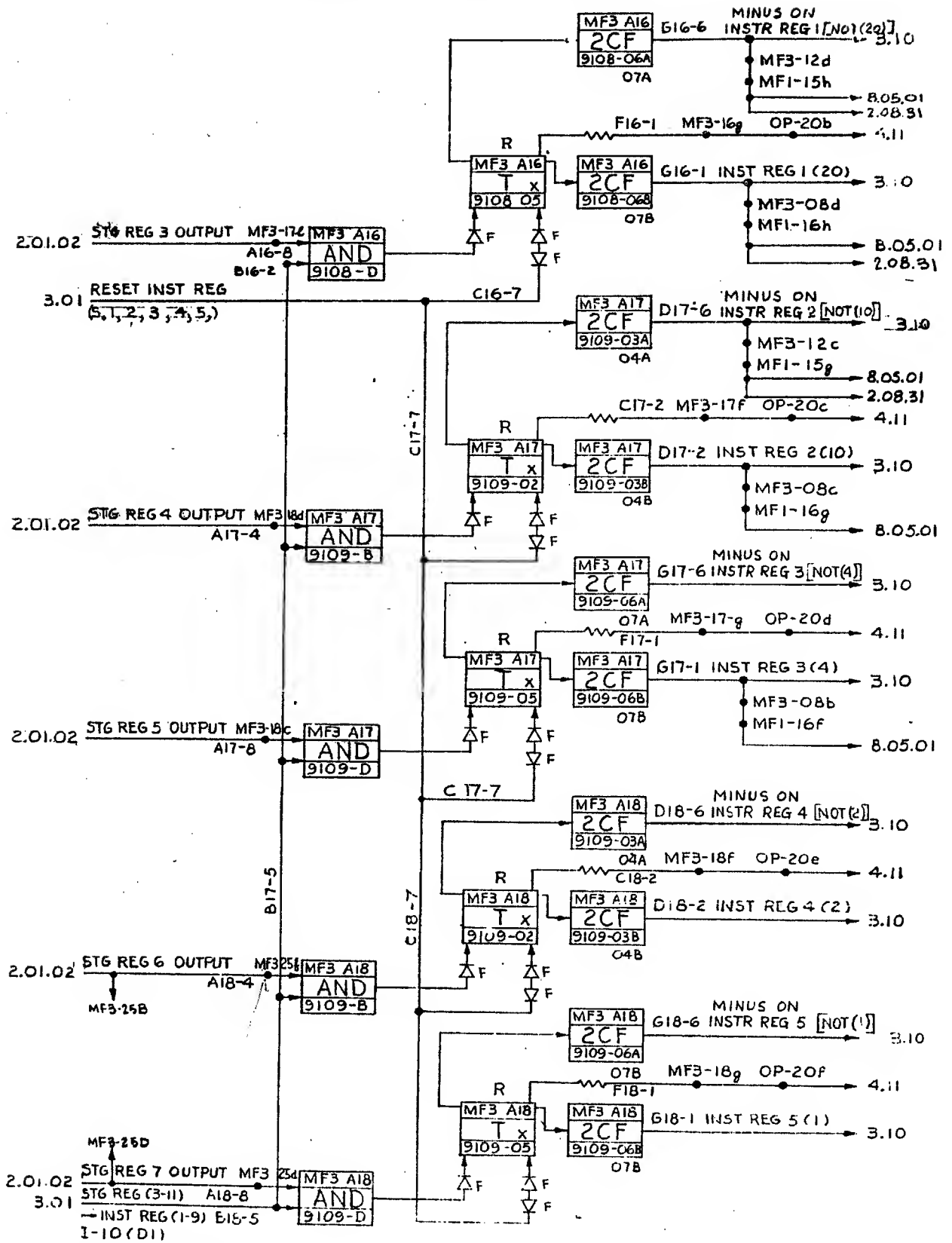
X-PRINT TO ENG SPEC 503791

REFER TO SFI

MATERIAL SPECIFICATION		NO.	THICKNESS STUDIES PERFORMED WITH		ALUMINUM WITHIN		NOTE I		INTERNATIONAL BUSINESS MACHINES CORP.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
CABLE ENTRY	HARDWARE	WIRE CONDUCTOR	DETAILS & DIM	FUNCTIONS & LAM	RECEIVING WITHIN	PLAT WITHIN	TOTAL WIRE WEIGHT	MACH. ELECT. & MECH. ANALYTICAL CONTROL UNIT	NOTE II	NOTE III	NOTE IV	NOTE V	NOTE VI	NOTE VII	NOTE VIII	NOTE IX	NOTE X	NOTE XI	NOTE XII	NOTE XIII	NOTE XIV	NOTE XV	NOTE XVI	NOTE XVII	NOTE XVIII	NOTE XIX	NOTE XX	NOTE XXI	NOTE XXII	NOTE XXIII	NOTE XXIV	NOTE XXV	NOTE XXVI	NOTE XXVII	NOTE XXVIII	NOTE XXIX	NOTE XXX	NOTE XXXI	NOTE XXXII	NOTE XXXIII	NOTE XXXIV	NOTE XXXV	NOTE XXXVI	NOTE XXXVII	NOTE XXXVIII	NOTE XXXIX	NOTE XL	NOTE XLI	NOTE XLII	NOTE XLIII	NOTE XLIV	NOTE XLV	NOTE XLVI	NOTE XLVII	NOTE XLVIII	NOTE XLIX	NOTE L	NOTE LI	NOTE LII	NOTE LIII	NOTE LIV	NOTE LV	NOTE LVI	NOTE LVII	NOTE LVIII	NOTE LIX	NOTE LX	NOTE LXI	NOTE LXII	NOTE LXIII	NOTE LXIV	NOTE LXV	NOTE LXVI	NOTE LXVII	NOTE LXVIII	NOTE LXIX	NOTE LXX	NOTE LXXI	NOTE LXXII	NOTE LXXIII	NOTE LXXIV	NOTE LXXV	NOTE LXXVI	NOTE LXXVII	NOTE LXXVIII	NOTE LXXIX	NOTE LXXX	NOTE LXXXI	NOTE LXXXII	NOTE LXXXIII	NOTE LXXXIV	NOTE LXXXV	NOTE LXXXVI	NOTE LXXXVII	NOTE LXXXVIII	NOTE LXXXIX	NOTE LXXXX	NOTE LXXXXI	NOTE LXXXXII	NOTE LXXXXIII	NOTE LXXXXIV	NOTE LXXXXV	NOTE LXXXXVI	NOTE LXXXXVII	NOTE LXXXXVIII	NOTE LXXXXIX	NOTE LXXXXX	NOTE LXXXXXI	NOTE LXXXXXII	NOTE LXXXXXIII	NOTE LXXXXXIV	NOTE LXXXXXV	NOTE LXXXXXVI	NOTE LXXXXXVII	NOTE LXXXXXVIII	NOTE LXXXXXIX	NOTE LXXXXXX	NOTE LXXXXXXI	NOTE LXXXXXXII	NOTE LXXXXXXIII	NOTE LXXXXXXIV	NOTE LXXXXXXV	NOTE LXXXXXXVI	NOTE LXXXXXXVII	NOTE LXXXXXXVIII	NOTE LXXXXXXIX	NOTE LXXXXXXX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV	NOTE LXXXXXXXV	NOTE LXXXXXXXVI	NOTE LXXXXXXXVII	NOTE LXXXXXXXVIII	NOTE LXXXXXXXIX	NOTE LXXXXXXXI	NOTE LXXXXXXXII	NOTE LXXXXXXXIII	NOTE LXXXXXXXIV

INSTRUCTION REGISTER (1-5) (PRIMARY OPERATION PART)

303



WAS 7043151

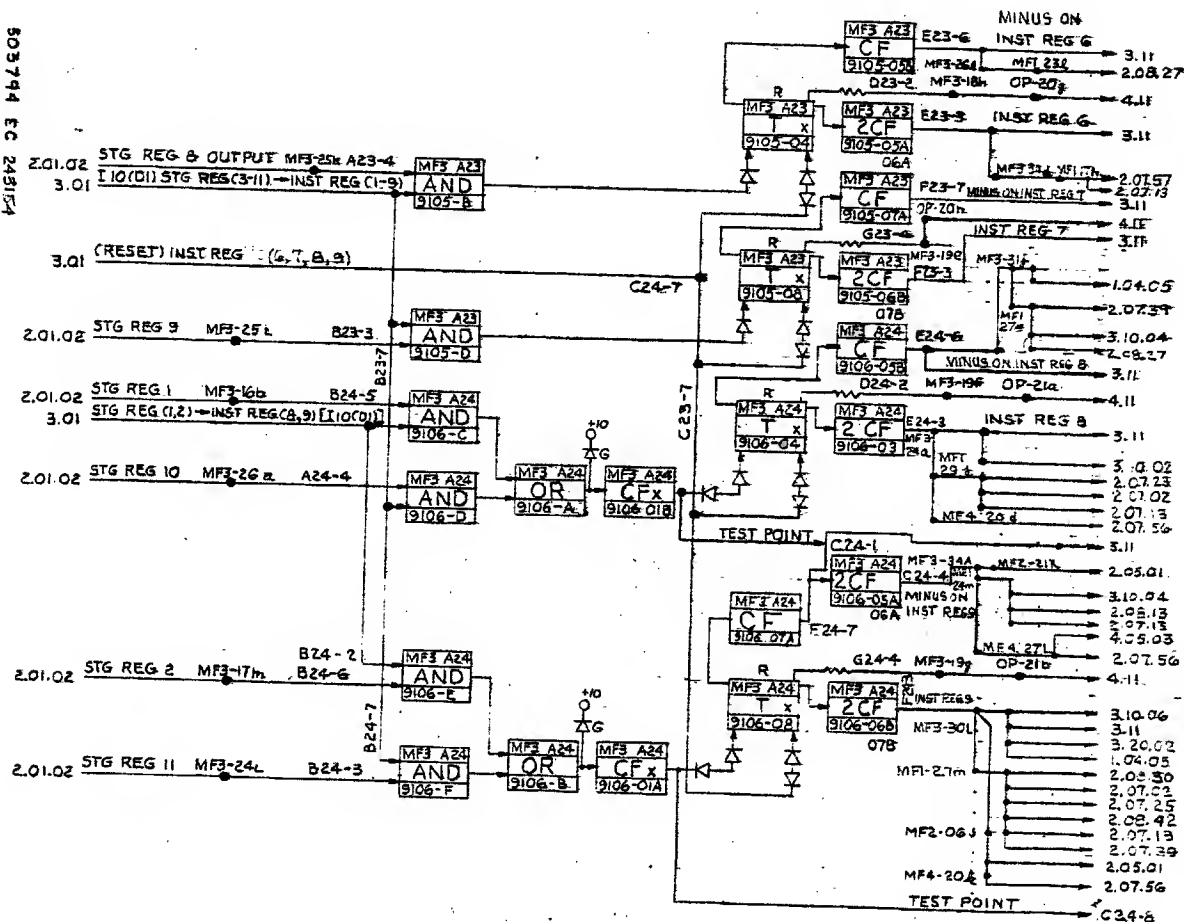
STANDARD CODE	RELEASED FOR ISSUE	QTY
NONE	503794	

503794

DATE	CHANGED BY
6-6-55	51600K
8-3-55	241478
9-1-55	247676
10-27-55	241810
2-21-56	242393
5-8-56	242468
11-1-56	243154

MACTED

503794 EC 243154



INSTRUCTION REGISTER (6-9)

503794

NOTE

PRINT TO ENG

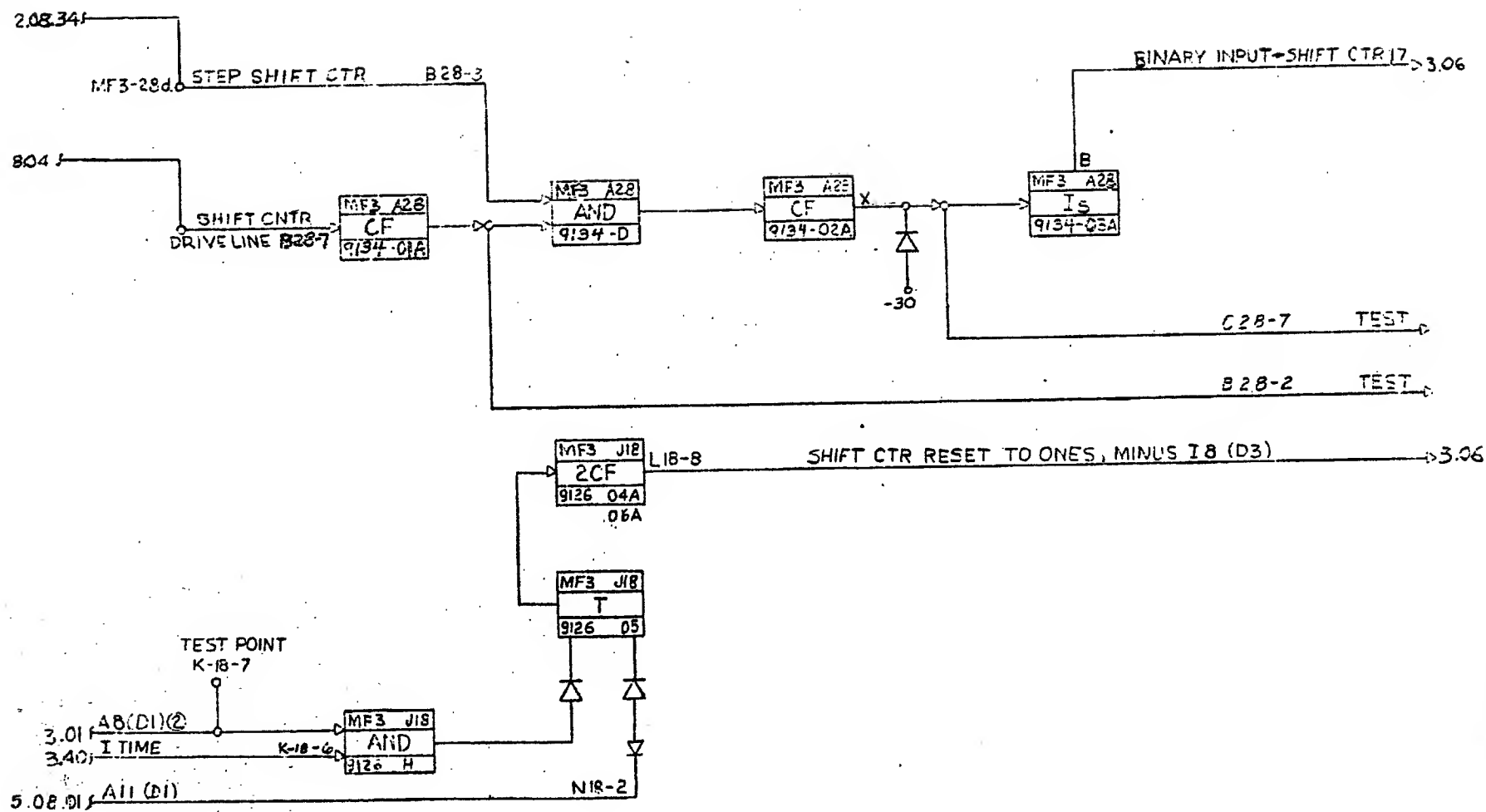
SPEC 895291

304

REFER TO S.F.I.

NATIONAL SPECIFICATIONS		TOLERANCES UNLESS OTHERWISE NOTED		ALIGNMENT WITHIN		NOTE I		INTERNATIONAL BUSINESS MACHINES CORP.	
CASE DIMS		ORIGINALS ± .005		CONCENTRIC WITHIN		TYP. IND. READING		MACH. ELECTRONIC ANALYTICAL	
HARDNESS		FRACTIONS ± 1/64		FLAT WITHIN		NOTE II		CONTROL UNIT MOD. 1704	
SURFACE TREATMENT		ANGLES ± 1°		PARALLEL WITHIN		NOTE III		NAME SYSTEM DIAGRAM	
		CONCORD		STRAIGHT WITHIN		NOTE IV		DRAW JAP 17-20-58 SCALE NONE	
		OUTLINE		SQUARE WITHIN		NOTE V		CHECK JMT JES 23-60 TRAIL A.M. 11-18-55	
		IN-EDGE		SQUARE WITHIN		NOTE VI		APPRO. 100% F23-60 CHECK SHS 11-19-55	

503794

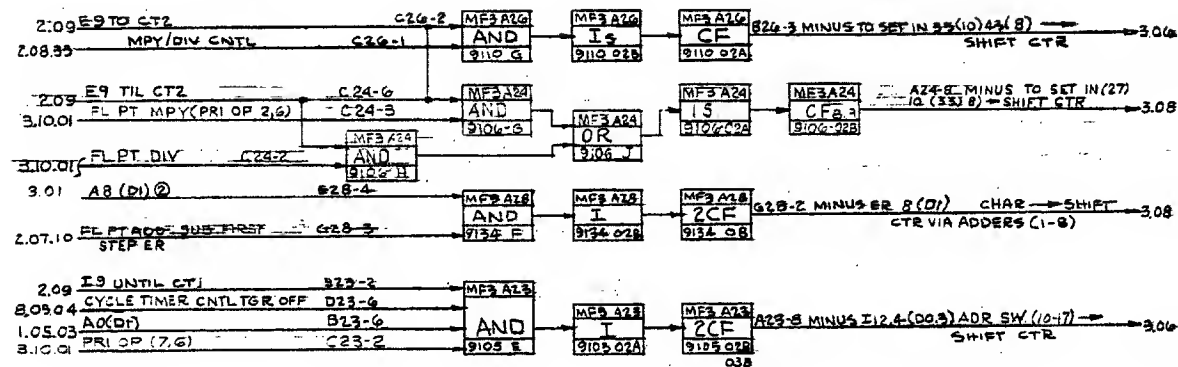


WAS 303-3167

STANDARD CODE	RELEASED FOR ASSEMBLY	QTY
NONE	503796	
SHEET 2 OF 2		
DATE	CHANGE NO.	
6-6-55	31600K	
8-9-55	241477	
10-4-55	241731	
11-2-55	241849	
12-6-55	242094	
1-19-56	242307	
11-1-56	243154	

503796 EC 243154

SHIFT COUNTER PULSE GENERATOR II



503796

NOTE

X PRINT TO ENG SPEC.
B95291.

3.05
SHEET 2 OF 2

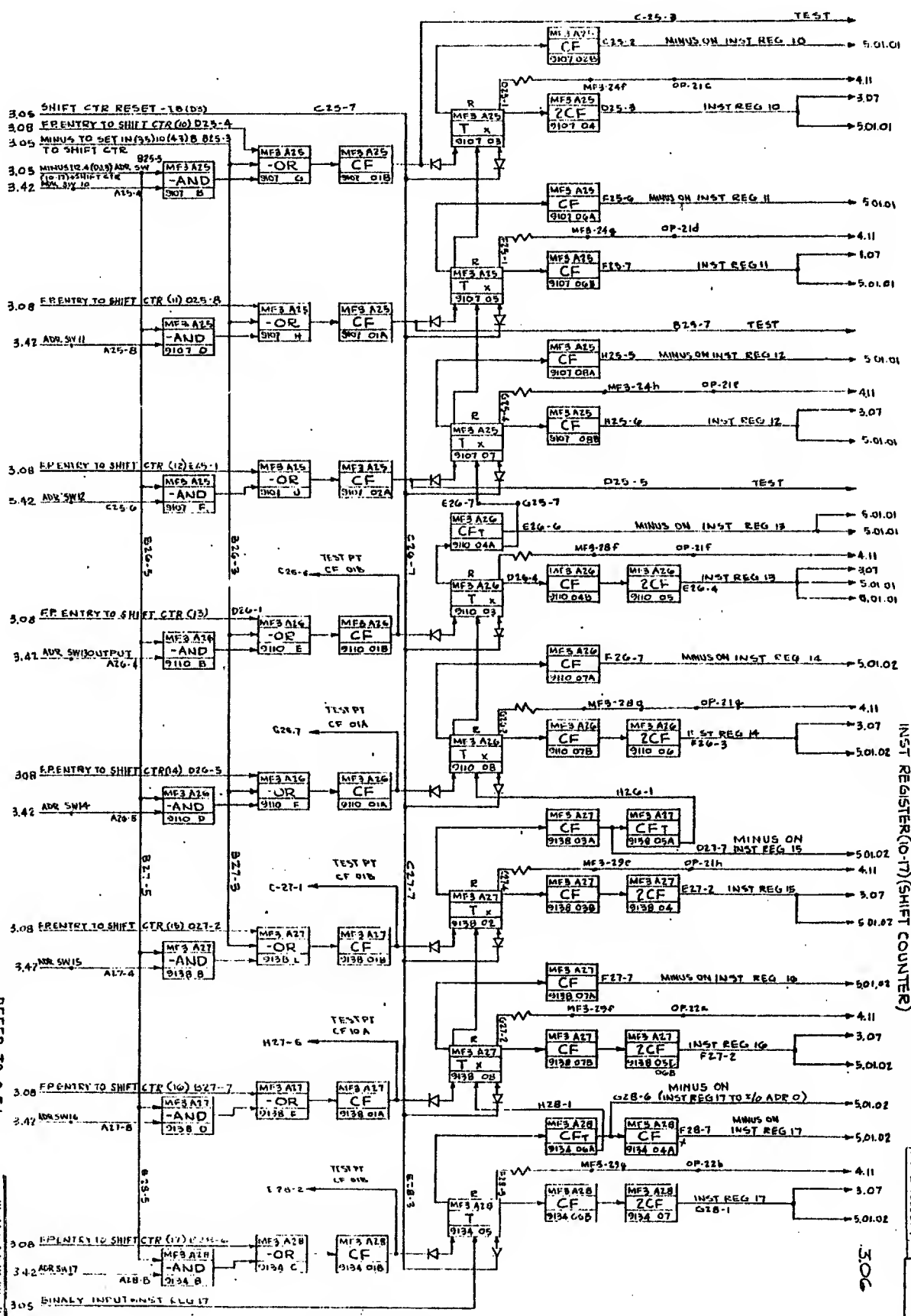
REFER TO S.F.I.

MATERIAL SPECIFICATION NO.	TOLERANCES UNLESS OTHERWISE NOTED	ALIGNMENT WITHIN	NOTE I
	DECIMALS ± .006	CONCENTRIC WITHIN	NOTE II
CASE DEPTH:	FRACTIONS ± 1/64	FLAT WITHIN	NOTE III
HARDNESS:	ANGLES ± 2°	PARALLEL WITHIN	NOTE IV
SURFACE TREATMENT:	CORNERS ± .006	STRAIGHT WITHIN	NOTE V
	MAY BE BROKEN	SQUARE WITHIN	NOTE VI

503796

1967-10-10

REFER TO S.F.I



INST REGISTER(10-17) (SHIFT COUNTER)

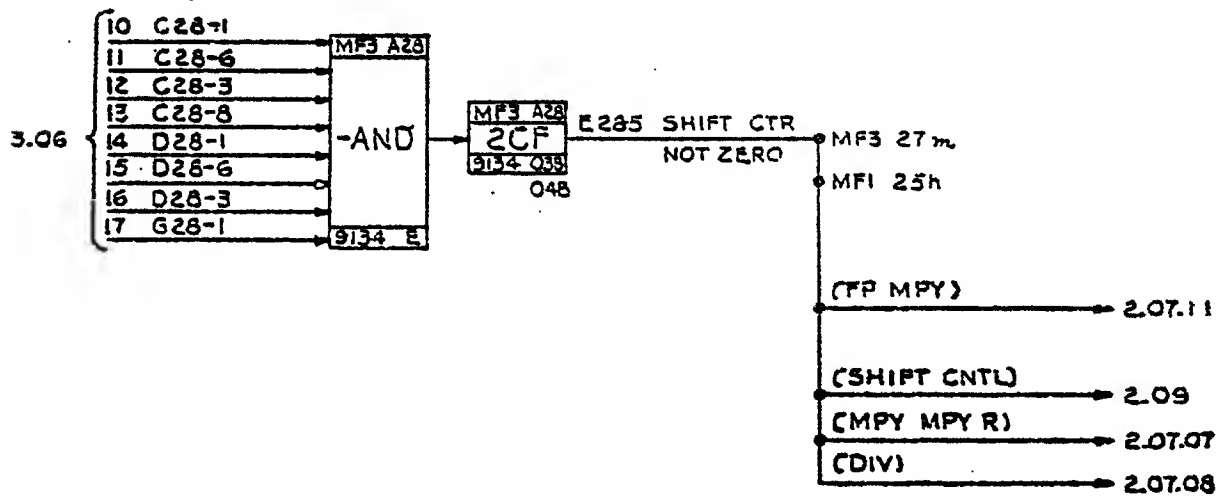
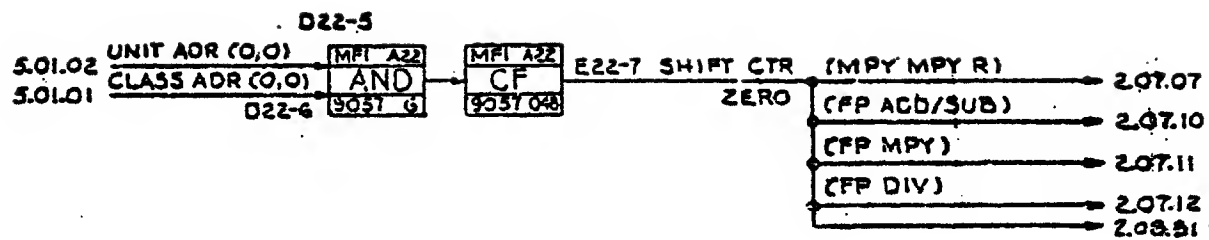
was 704-3152.

NONE 503027

503.797

3.06

503797



STANDARD	RELEASED	BY
DATE	FOR ISSUE	
NONE	03667	
503799		
DATE	CHANGE IN	
8-8-55	51600K	
10-3-57	241S19	
1-19-56	242307	

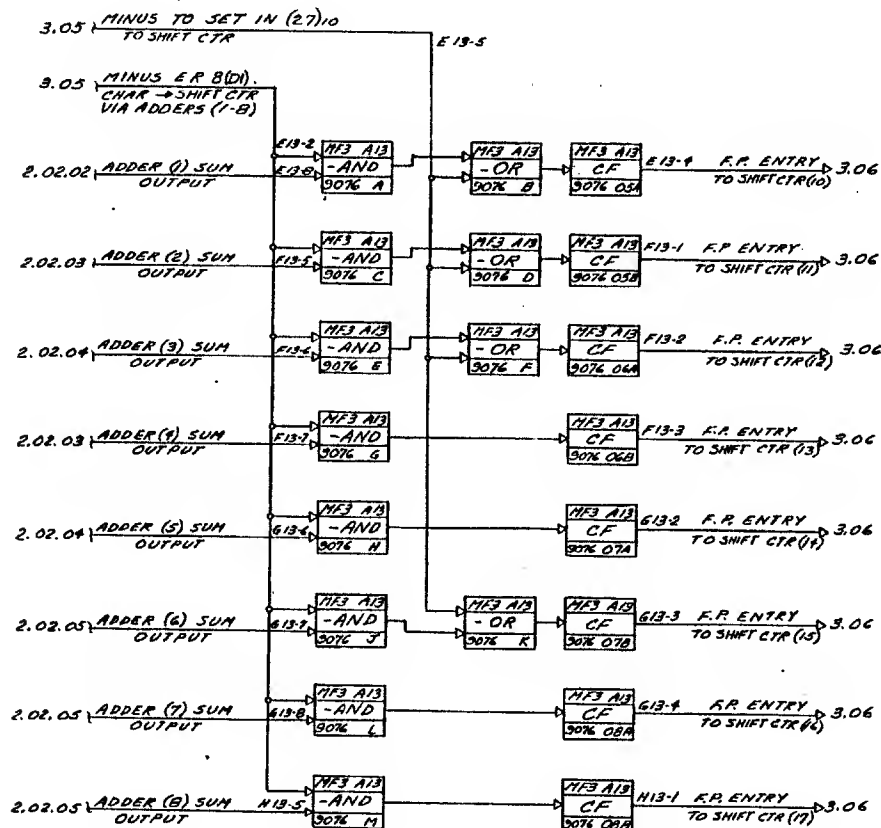
503799

NOTE
I
PRINT TO ENG.
SPEC. 895291

REFER TO S.F.L

F.P. ENTRY TO SHIFT CTR (10-17)

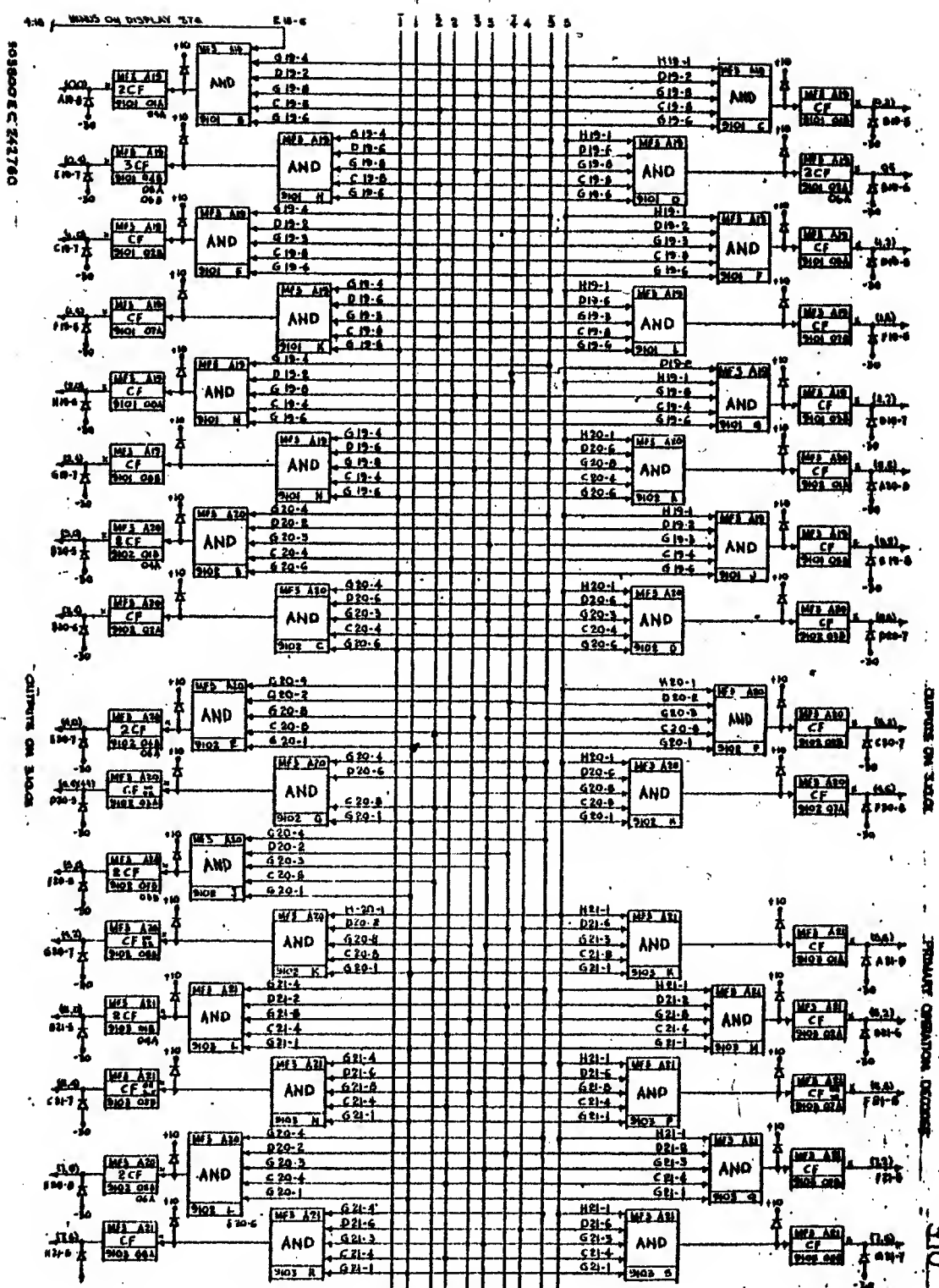
3.08



503799 EC 242307

MATERIAL SPECIFICATION		ML	TOLERANCES UNLESS OTHERWISE NOTED		ALLOCATION WITHIN	NOTE 1	INTERNATIONAL BUSINESS MACHINES CORP.
CASE DEPTH			DECIMALS ± .005		CONCENTRIC WITHIN	TOT. HIR. READING	MAIN ELECTRONIC ANALYTICAL
WALL THICKNESS			FRACTIONS ± 1/64		FLAT WITHIN	NOTE B	CONTROL UNIT MODEL 704
SURFACE FINISH			ANGLES ± °		PARALLEL WITHIN	NOTE C	MAIN SYSTEM DIAGRAM 3.08
THREADS			CONCENTRIC		STRAIGHT WITHIN	NOTE D	MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.		SQUARE WITHIN	NOTE E	CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				CONTROL UNIT MODEL 704
PERF. DIA.			PERF. DIA.				MAIN RET. MOUNTING BOLLS
PERF. DIA.			PERF. DIA.				

503799

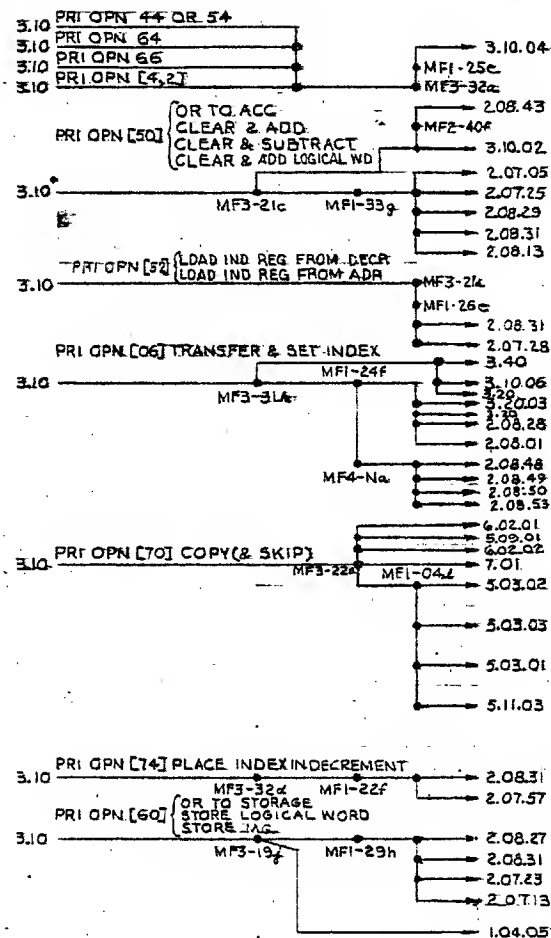
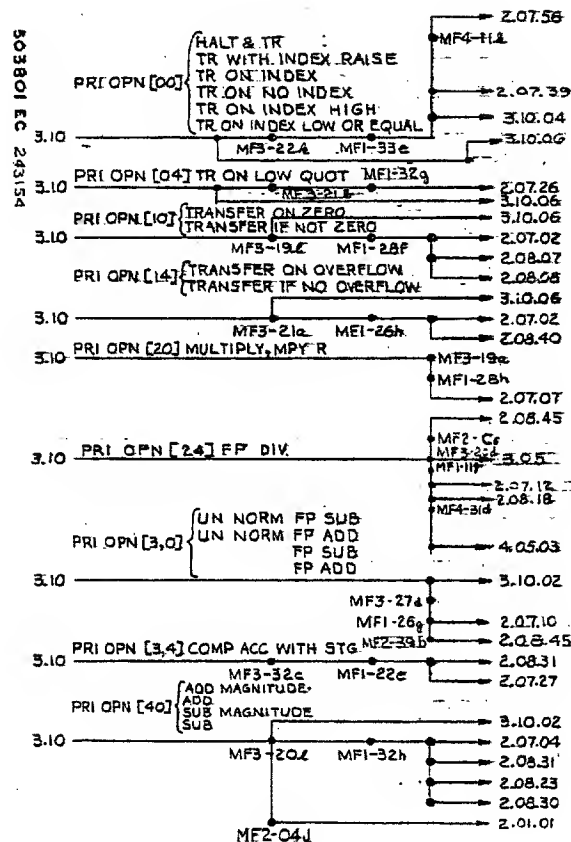


(NUMERICAL VALUES) (10100) (10101) (10102) (10103) (10104) (10105) (10106)
 (FROM WAT REG 3.05) 1 2 3 4 5

WAS 104-3166

STANDARD CODE	RELEASED FOR ASSES	DATE	CHANGE NO.
NONE	503801	6-6-55	51600K
SHEET 1 OF 2			
6-9-55 241478			
10-11-55 241701			
10-22-55 241905			
12-5-55 242155			
2-28-56 242399			
5-9-56 242716			
11-1-56 243154			

MASTER



PRIMARY OP DECODER

SHEET 1 OF 2

NOTE: X PRINT TO ENG SPEC. 89529

REFER TO S.F.I.

MATERIAL SPECIFICATION	NO.	TOLERANCES UNLESS OTHERWISE NOTED	ALIGNMENT WITHIN	NOTE I	INTERNATIONAL BUSINESS MACHINES CORP.
CASE DEPTH		DECIMALS & .006	CONCENTRIC WITHIN	NOTE II	BACK ELECTRONIC ANALYTICAL
HARDNESS		FRACTIONS & 1/64	FLAT WITHIN	NOTE IV	CONTROL UNIT MODEL 1704
SURFACE TREATMENT		ANGLES & 2°	PARALLEL WITHIN	NOTE V	NAME SYSTEM DIAGRAM
		CORNERS	STRAIGHT WITHIN	NOTE VI	3.10.01
		MAY BE BROKEN	SQUARE WITHIN		DRAW. 104-7-20-54 SCALE NONE
					CHECK 104-7-20-54 TRAC. AM. 2-5-55
					APPROV. 104-7-20-54 CHECK WAL 2-15-55

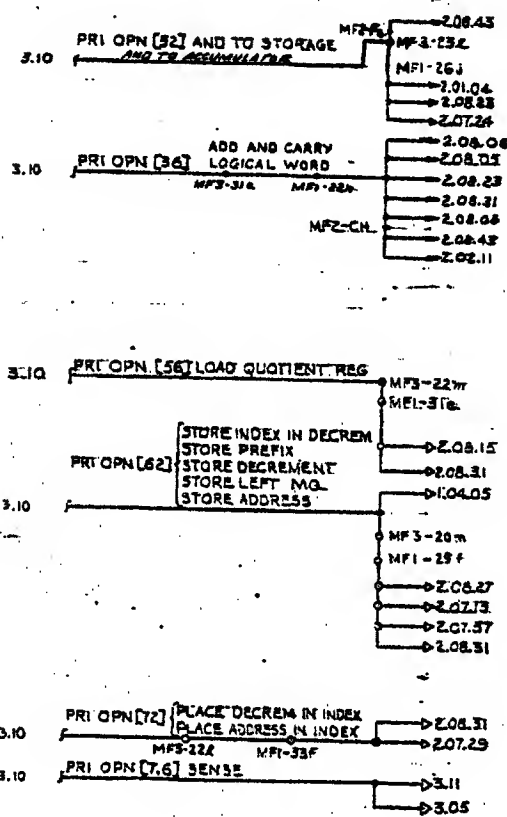
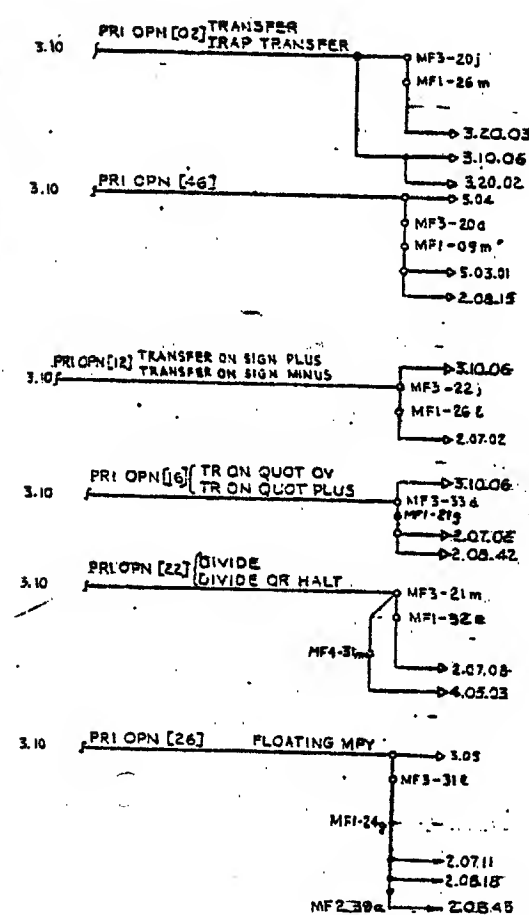
108309

WAS 104-9148

REV	DATE	BY
1	10-1-68	WAS
2	10-1-68	WAS
3	10-1-68	WAS
4	10-1-68	WAS
5	10-1-68	WAS
6	10-1-68	WAS
7	10-1-68	WAS
8	10-1-68	WAS
9	10-1-68	WAS
10	10-1-68	WAS

SHEET 2 OF 2

503802 EC 243742 B



PRIMARY OP DECODER

503802

NOTE
X PRINT TO ENG
SPEC 295291

NOTE
CF OR CIRCUIT, SEE SUB CNL 3.10.02

3.10.01
SHEET 2 OF 2

REFER TO SFL

MATERIAL SPECIFICATIONS		TOLERANCES UNLESS OTHERWISE NOTED		ALIGNMENT WITHIN		NOTE 1	
CAGE LENGTH		FRACTIONS 1/16		CONCENTRIC WITHIN		TYP. DIM. READINGS NOTE 2	
HANDNESS		ANGLES 1/2		FLAT WITHIN		NOTE 3	
SURFACE TREATMENT		CONCENTRIC OUTSIDE		PARALLEL WITHIN		NOTE 4	
		STRAIGHT WITHIN		SQUARE WITHIN		NOTE 5	
						NOTE 6	

503802

INTERNATIONAL BUSINESS MACHINES CORP.
BAG 1 ELECTRONIC ANALYTICAL
CONTROL UNIT 704
NAME SYSTEM DIAGRAM
3.10.01
DRAW 1/2 1-1/2 SCALE NONE
CHECK UNIT 22-57 TNG E-3715-50
APPROV 1-1 3-11-68 CHECK 10/23-7-50

The diagram illustrates the logic circuit and timing for the 204 WSP REG (8). The logic circuit consists of the following components:

- Inputs:**
 - ETIME:** A timing signal that transitions from 0 to 1 at 1.05.01 and back to 0 at 3.10.01.
 - C21-3:** A control signal that transitions from 0 to 1 at 3.10.01 and back to 0 at 3.10.01.
- Logic Blocks:**
 - MF3 A21 AND:** An AND gate with inputs from ETIME and C21-3. Its output is connected to the input of the MF3 A21 CF block.
 - MF3 A21 CF:** A clock flip-flop block with input 9103 C48. Its output is connected to the input of the MF3 A21 OR block.
 - MF3 A21 OR:** An OR gate with inputs from the output of the MF3 A21 CF block and the output of the MF3 A21 AND block. Its output is connected to the input of the MF3 A21 OR block.
- Outputs:**
 - C21-2:** A control signal that transitions from 0 to 1 at 3.10.01 and back to 0 at 3.10.01.
 - 204 WSP REG (8):** The output of the logic circuit, which transitions from 0 to 1 at 3.10.01 and back to 0 at 3.10.01.

The timing diagram shows the following signal transitions:

- ETIME:** Transitions from 0 to 1 at 1.05.01 and back to 0 at 3.10.01.
- C21-3:** Transitions from 0 to 1 at 3.10.01 and back to 0 at 3.10.01.
- C21-2:** Transitions from 0 to 1 at 3.10.01 and back to 0 at 3.10.01.
- 204 WSP REG (8):** Transitions from 0 to 1 at 3.10.01 and back to 0 at 3.10.01.

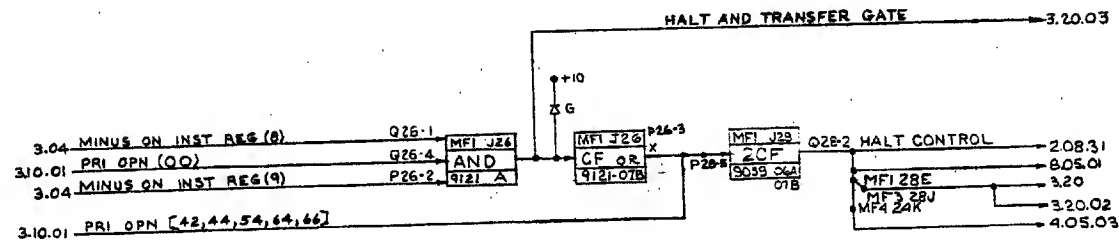
WAS 704-3170

STANDARD	RELEASED	QTY
CONE	FOR ASSEMBLY	
NONE	503804	

503804

DATE	CHANGE NO.
6-6-55	51600K
11-1-56	243154

603804 EC 243154



HALT CONTROL

3.10.04

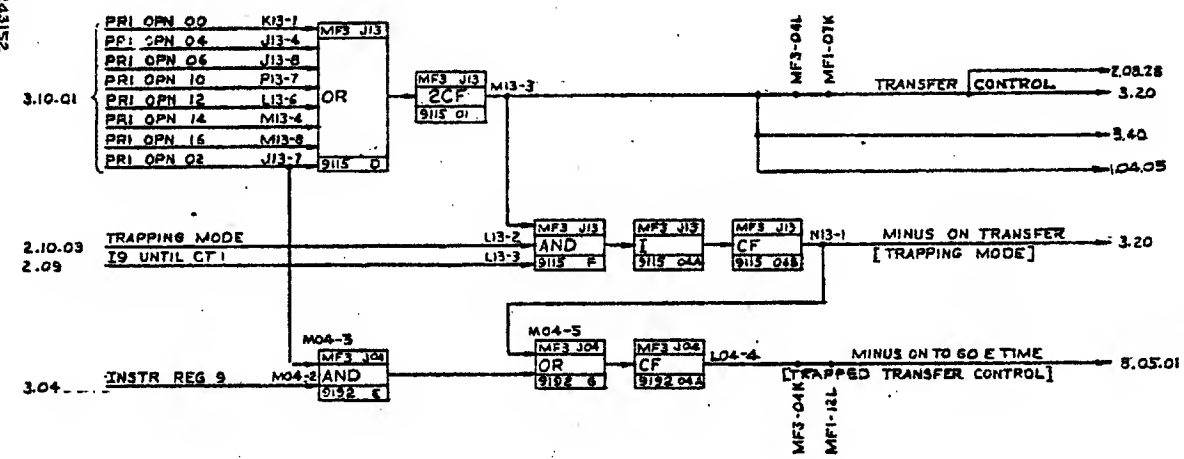
NOTE
X PRINT TO ENG.
SPEC. 895291

503804

MATERIAL SPECIFICATION		TOLERANCES UNLESS OTHERWISE NOTED		ALIGNMENT WITHIN		NOTE I		INTERNATIONAL BUSINESS MACHINES CORP.	
NO.		DECIMALS ± .001		CONCENTRIC WITHIN		TYP. H.D. READING NOTE II		NAME ELECTRONIC ANALYTICAL	
CASE DEPTH		FRACTIONS ± 1/64		FLAT WITHIN		NOTE III		CONTROL UNIT MODEL 704	
HARDNESS		ANGLES ± 1°		PARALLEL WITHIN		NOTE IV		NAME SYSTEM DIAGRAM 3.10.04	
SURFACE TREATMENT		SPEC. NO.		CONCERNED		NOTE V		DRAW TAP 1-30.00 SCALE	
		CHECK REWORK DATE		OUTSIDE		NOTE VI		CHECK VMT 5-3-55 TRAC CKM 11-6-55	
				BROKEN				APPROV. 11-2-55 CHECK SHS 11-2-55	

503804

503805 EC243152



TRAPPING CONTROL

503805

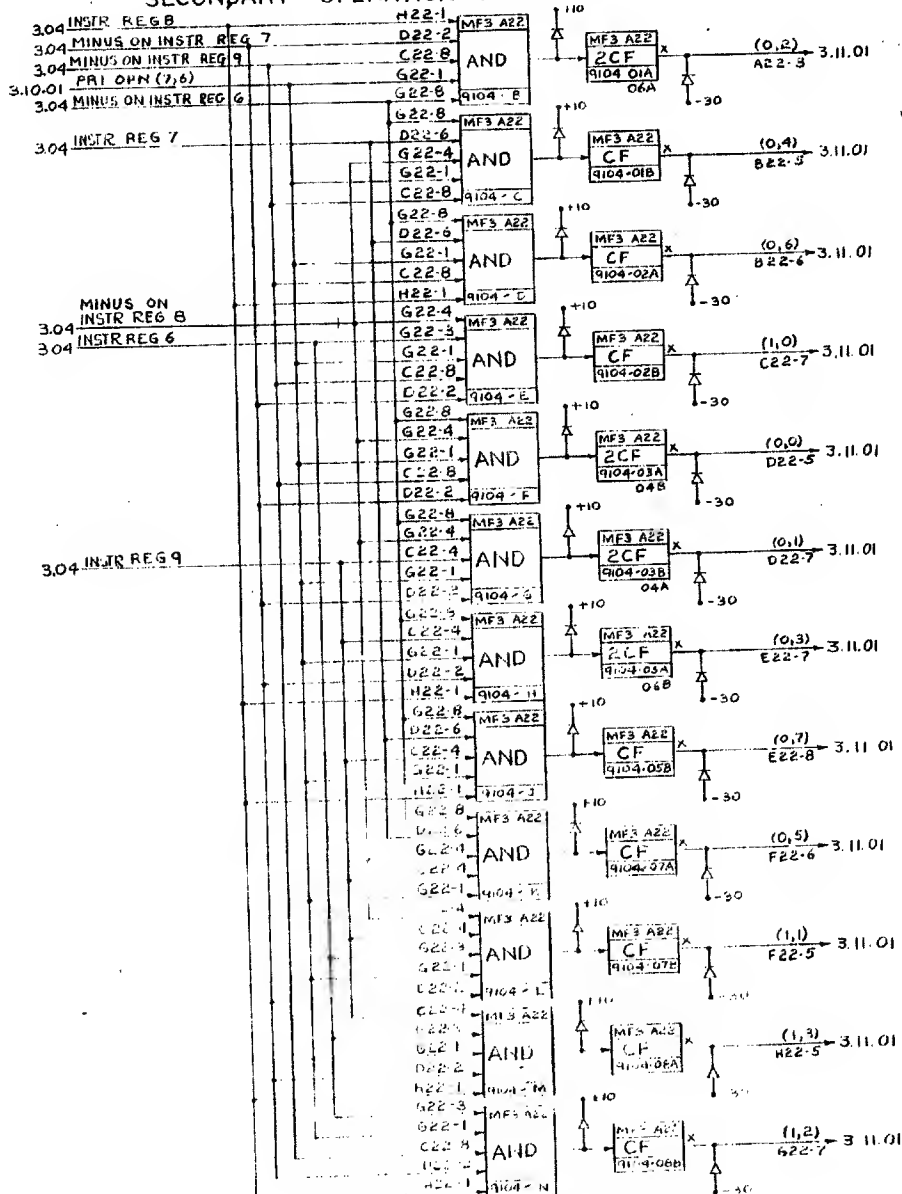
NOTE
 X PRINT TO ENG
 SPEC. 895231

3.10.06

503805

NATIONAL SPECIFICATION		TOLERANCES UNLESS OTHERWISE NOTED		ALIGNMENT NOTED		NOTE 1 INTERNATIONAL BUSINESS MACHINES CORP.	
CASE DOWN		DIMENSIONS IN INCH		ELECTRONIC NOTED		NOTE 2	
UNPROCESSED		FRACTIONS 1/16		FLAT WITH IN		NOTE 3	
SHIPPED		ANGLES 1/2		PARALLEL WITH IN		NOTE 4	
RECEIVED		CONFORMS TO SPEC		ELECTRONIC NOTED		NOTE 5	
RECEIVED		VAR. 10		ELECTRONIC NOTED		NOTE 6	
RECEIVED		VAR. 10		ELECTRONIC NOTED		NOTE 7	
RECEIVED		VAR. 10		ELECTRONIC NOTED		NOTE 8	
RECEIVED		VAR. 10		ELECTRONIC NOTED		NOTE 9	
RECEIVED		VAR. 10		ELECTRONIC NOTED		NOTE 10	

3.11

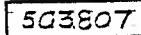


503806 EC 51600K

M

01
02
03
04
05
06

DATE	TIME	CHARGE NO.	
7-6-55	3:00 PM	31600K	



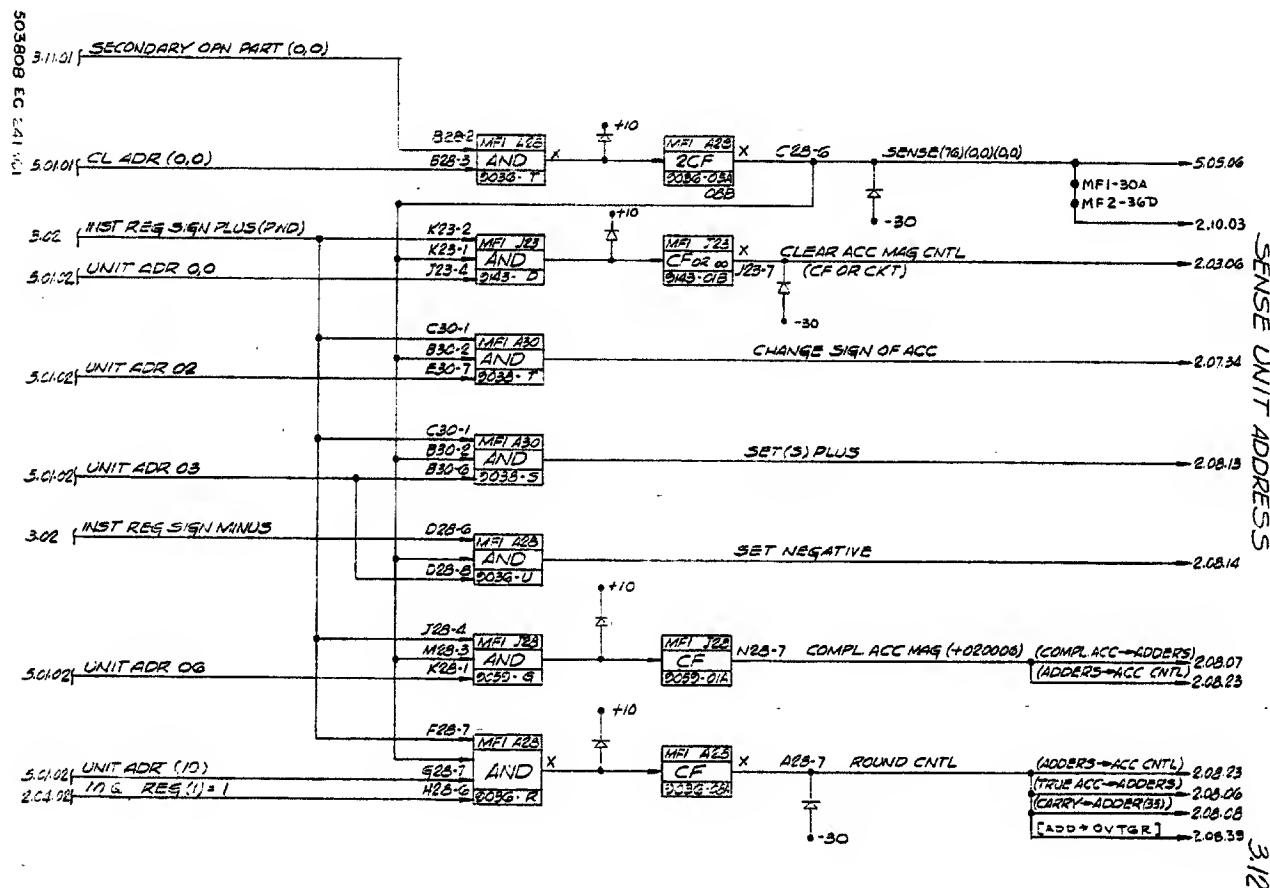
REFER TO S.F.I.

MATERIAL SPECIFICATION NO.		TOLERANCES UNLESS OTHERWISE NOTED		ALIGNMENT WITHIN		NOTE 1	INTERNATIONAL BUSINESS MACHINES CORP.	
CASE DEPTH		DECIMALS ± .001		CONCENTRIC WITHIN		EXT. HLD. READING	NOTE 2	BRACK. ELECTRONIC ANALYTICAL
		FRACTIONS ± 1/64		PLAY WITHIN				CONTROL UNIT MODEL 704
HARDNESS		ANGLES ± °		PARALLEL WITHIN			NOTE 3	NAME SYSTEM DIAGRAM
SURFACE TREATMENT		CORNERS OUTSIDE		STRAIGHT WITHIN			NOTE 4	3.11.0 SHEET 30F3
SPR. NO. ALUMINUM DATE		CORNERS MAY BE BROKEN		SQUARE WITHIN			NOTE 5	DRAWN: JAP 17-20-54 SCALE: 1
ALCNO		INSIDE		IN INCHES			NOTE 6	CHECK: JMT 15-17-58 TRAC: HBT 9-1-59
								APPROV: JEC 17-20-52 CHECK: WAL 9-1-59

WAS 704-3174

STANDARD CODE	RELEASED FOR ASSEMBLY	QTY.	503808
NONE	503808		

DATE	CHANGE NO.
6-8-55	51600K
8-2-55	2-1472
10-3-55	241B61



NOTE
X PRINT TO ENG SPEC
B95291.

REFER TO S.F.I.

MATERIAL SPECIFICATION		TOLERANCES UNLESS OTHERWISE NOTED		ALIGNMENT WITHIN		NOTE I	
NO.		DECIMALS ± .005		CONCENTRIC WITHIN		TUT. IND. READING NOTE II	
CASE DEPTH		FRACTIONS ± 1/64		PLAT WITHIN		NOTE III	
HARDNESS		ANGLES ± 2°		PARALLEL WITHIN		NOTE IV	
SURFACE TREATMENT		CORRUGS OUTSIDE		STRAIGHT WITHIN		NOTE V	
		BROKEN INSIDE		SQUARE WITHIN		NOTE VI	

INTERNATIONAL BUSINESS MACHINES CORP.

BACK ELECTRONIC ANALYTICAL CONTROL UNIT MODEL 704

NAME SYSTEM DIAGRAM

SCALE 5.12

DATE 5-20-55 TRAC 9501-11-55

APPROV. JMT 5-20-55

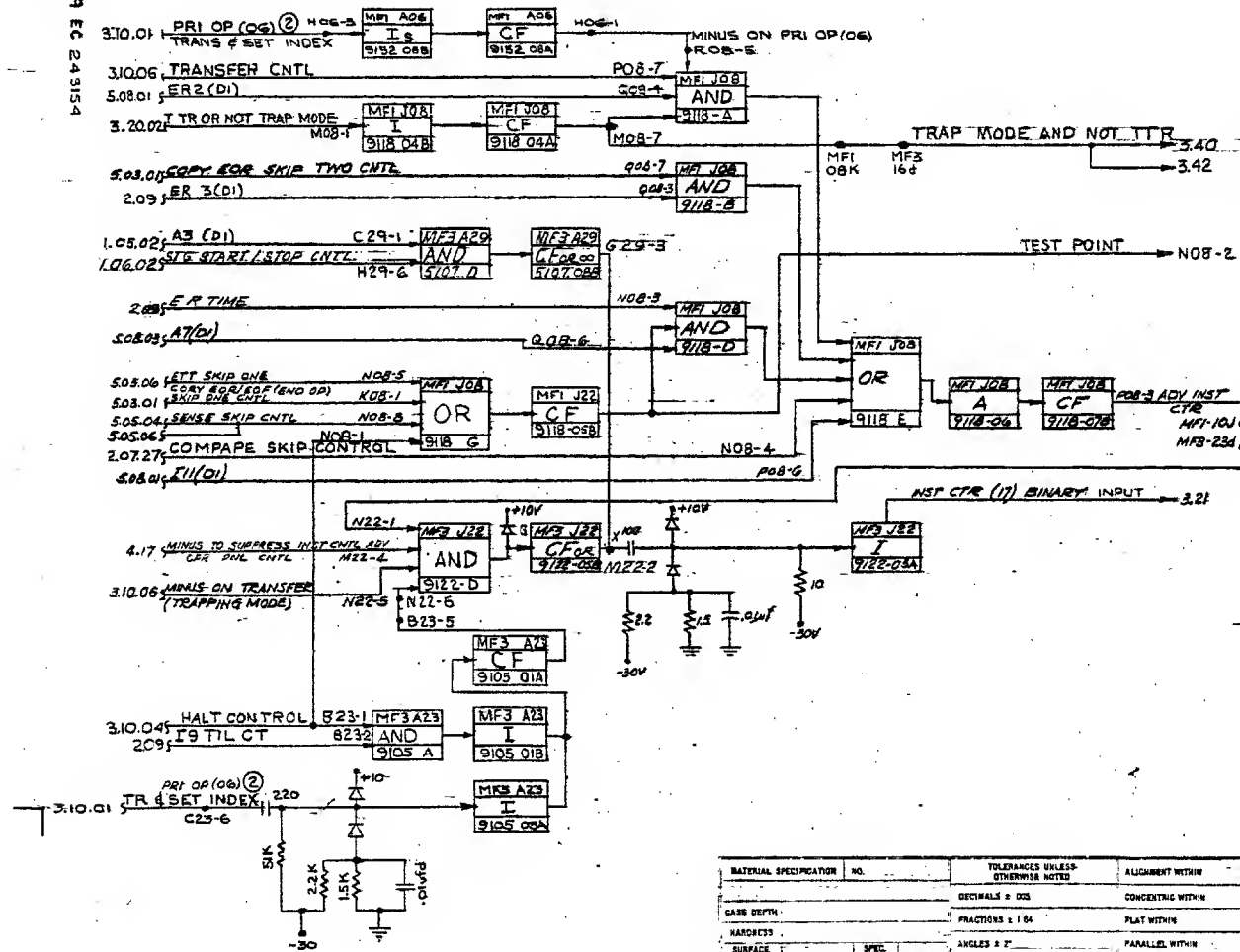
INCHES

503808

STANDARD CODE	RELEASED FOR ASSEM.	QTY.
NONE	503627	503809

DATE	CRANE NO.
6-6-55	51600K
6-27-55	241276
8-17-55	241561
3-14-55	241657
10-11-55	241701
10-27-55	241842
12-5-55	242138
1-19-56	242264
10-1-56	242942
11-1-56	243154

603809 EC 243154



ADVANCE INST COUNTER

3.20

NOTE
XPRINETO ENG
SPEC. 895291

REFER TO SFI.

MATERIAL SPECIFICATION NO.		TOLERANCES UNLESS OTHERWISE NOTED		ALIGNMENT WITHIN		NOTE I	INTERNATIONAL BUSINESS MACHINES CORP.
CASE DEPTH:		DECIMALS = 0.05		CONCENTRIC WITHIN		NOTE II	MACH. "ELECTRONIC ANALYTICAL
		FRACTIONS = 1/64		FLAT WITHIN		NOTE III	CONTROL UNIT MODEL 704
HARDNESS:		ANGLES ± 2°		PARALLEL WITHIN		NOTE IV	NAME SYSTEM DIAGRAM 320
SURFACE TREATMENT				STRAIGHT WITHIN		NOTE V	
SPEC. TECH. ASSISTANCE		CORNERS	OUTSIDE	SQUARE WITHIN		NOTE VI	DRAW. JAP 7-10-54 SCALE
APPROV. DATE		RAY IN	BY IN	W/THIN IN INCHES		NOTE VII	CHECK J/T 5-22-55 TAC J 7-21-54
		BROKEN	15.000				APPRO. S/C 7-20-55 CHECK JS 7-22-54

503809

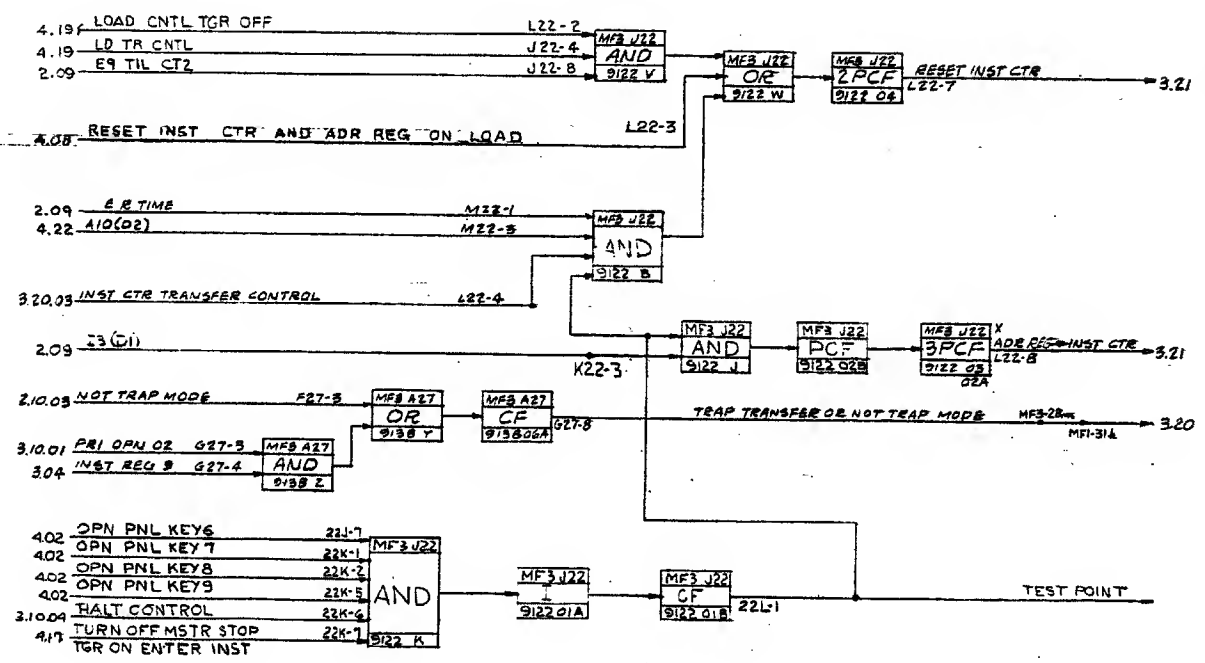
WAS TO 4-5164

STANDARD CODE	RELEASED FOR AMEND	QTY.	503810
NONE	503627		
DATE	CHANGE NO.		
6-6-55	51600K		
7-2-55	241377		
8-16-55	241361		
11-26	241154		

503810 EC 241154

RESET INST CTR AND SW-INST CTR

503810



NOTE: PRINT TO ENG SPEC 8-55291

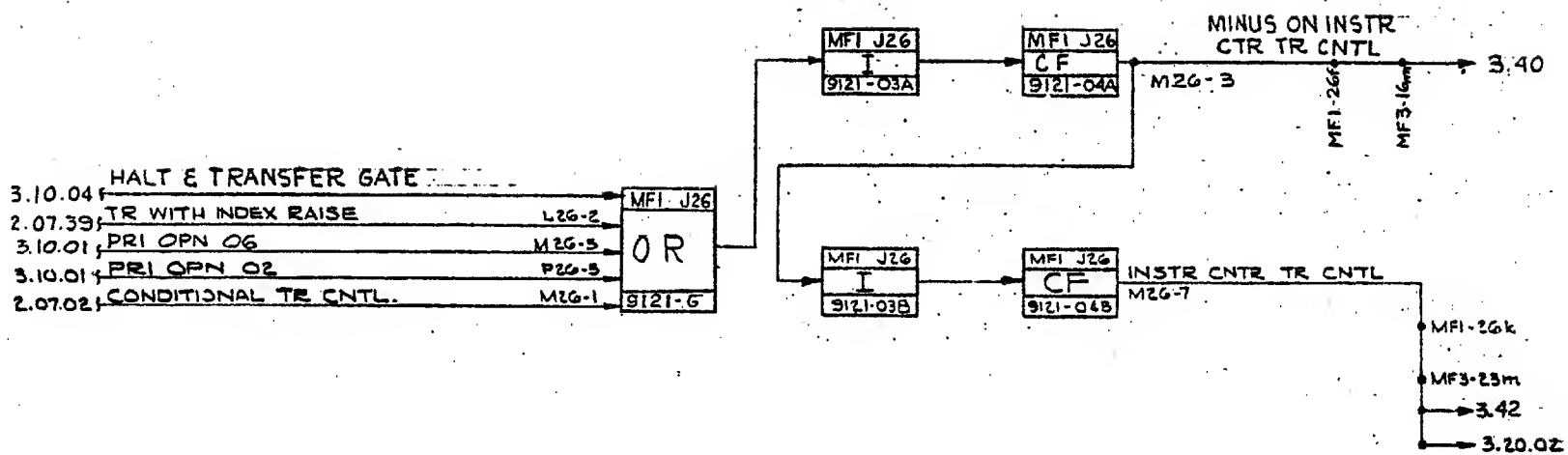
3.20.02

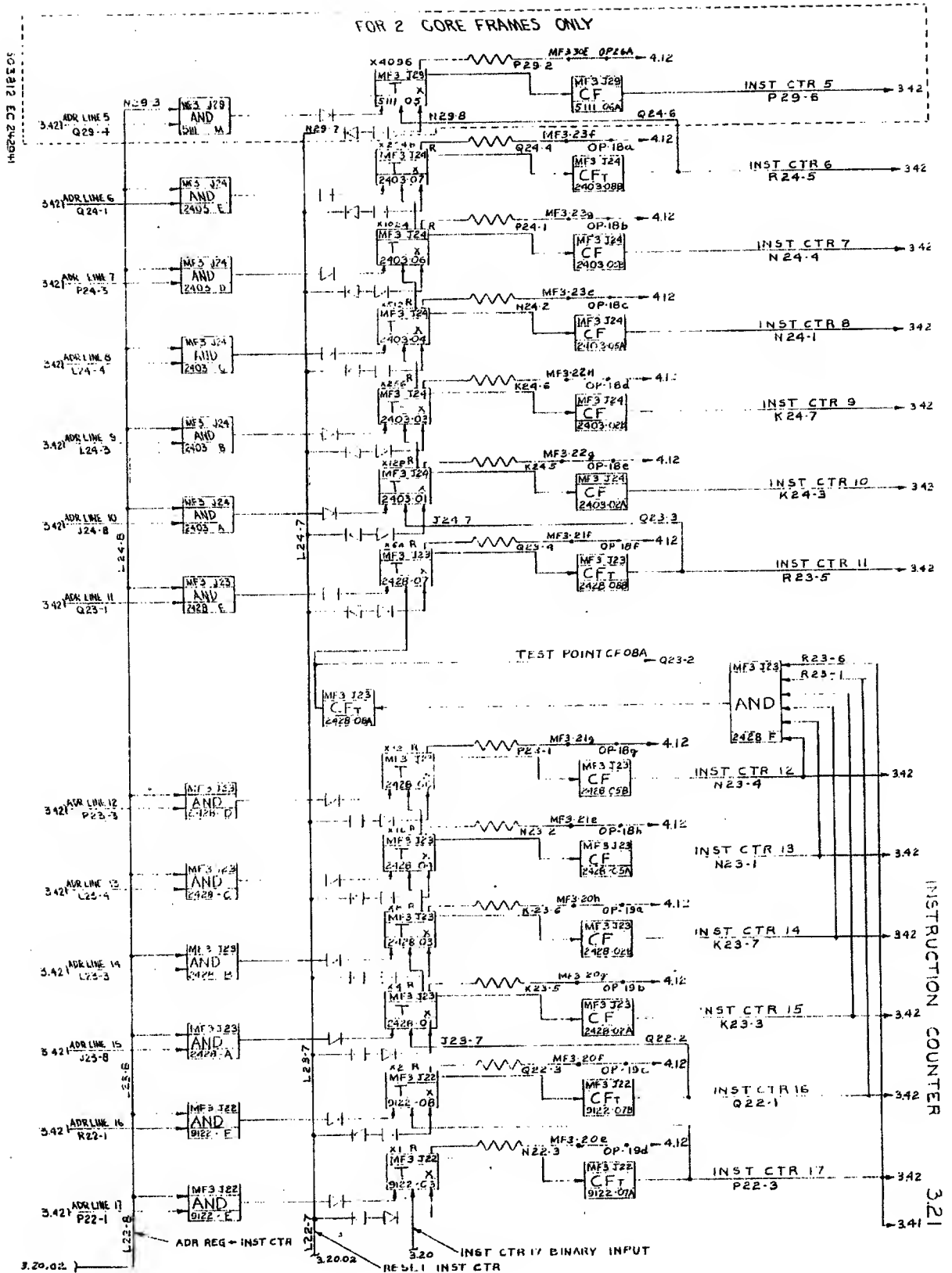
MATERIAL SPECIFICATION	NO.	TOLERANCES UNLESS OTHERWISE NOTED	ALIGNMENT WITHIN	NOTE I	INTERNATIONAL BUSINESS MACHINES CORP.
CASE DEPTH		DIMENSIONS ± .005	CONCENTRIC WITHIN	TOT. IND. READERS	NOTE II
HARDNESS		FRACTIONS ± 1/64	FLAT WITHIN		NOTE III
SURFACE TREATMENT		ANGLES ± 5°	PARALLEL WITHIN		NOTE IV
		CORNERS MAY BE BROKEN	STRAIGHT WITHIN		NOTE V
		INSIDE	SQUARE WITHIN		NOTE VI

503810

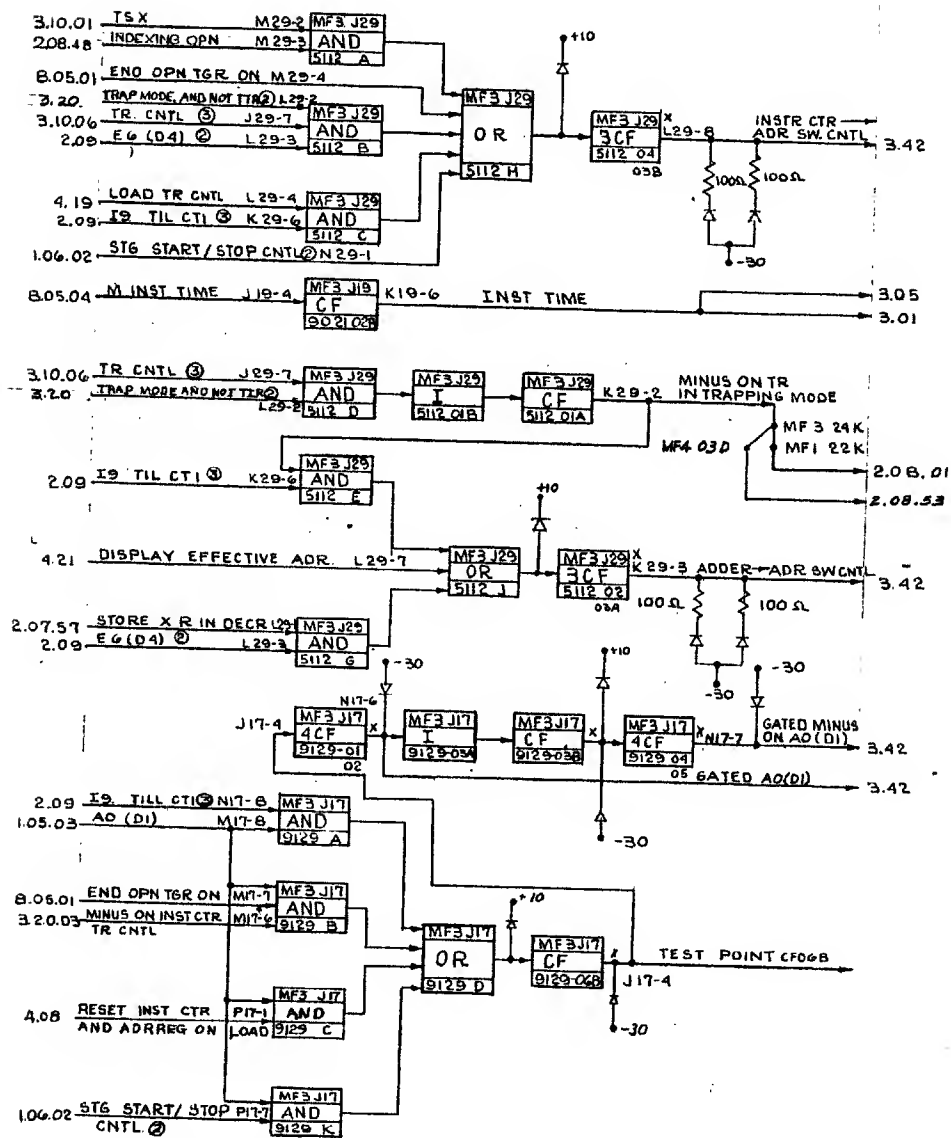
INSTRUCTION COUNTER TRANSFER CONTROL

3.20.03





3.40



503813 EC 242845

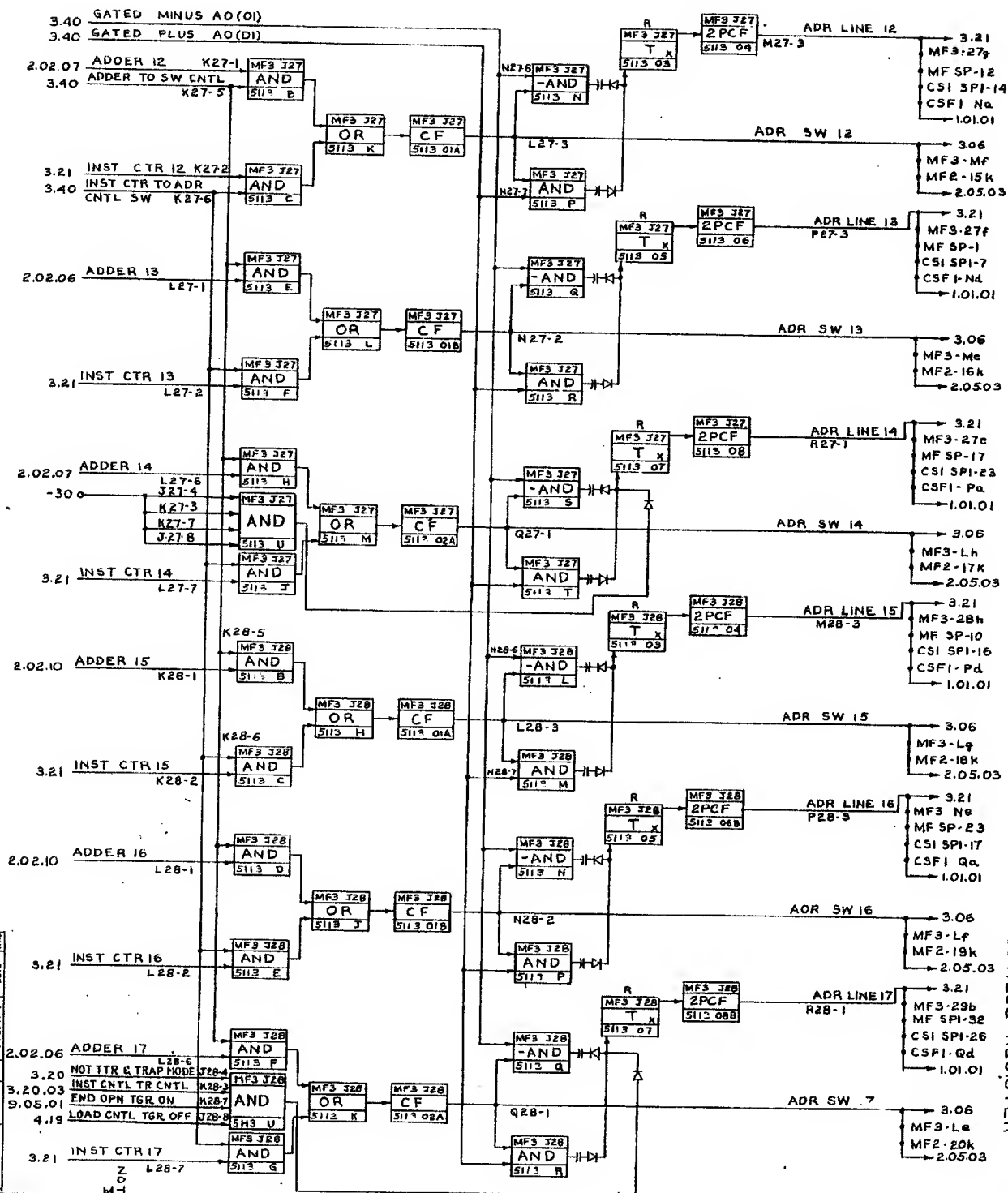
Was 764-3157

SIAM 1985	WFL 1980
FOBS	POB 1984
VC:VE	5.036,27

503813

503813

4321



ADDRESS REGISTER

WAS 704-8108

STANDARDS CODE	NET WEIGHT FROM ASSY	QTY
NONE	5030327	

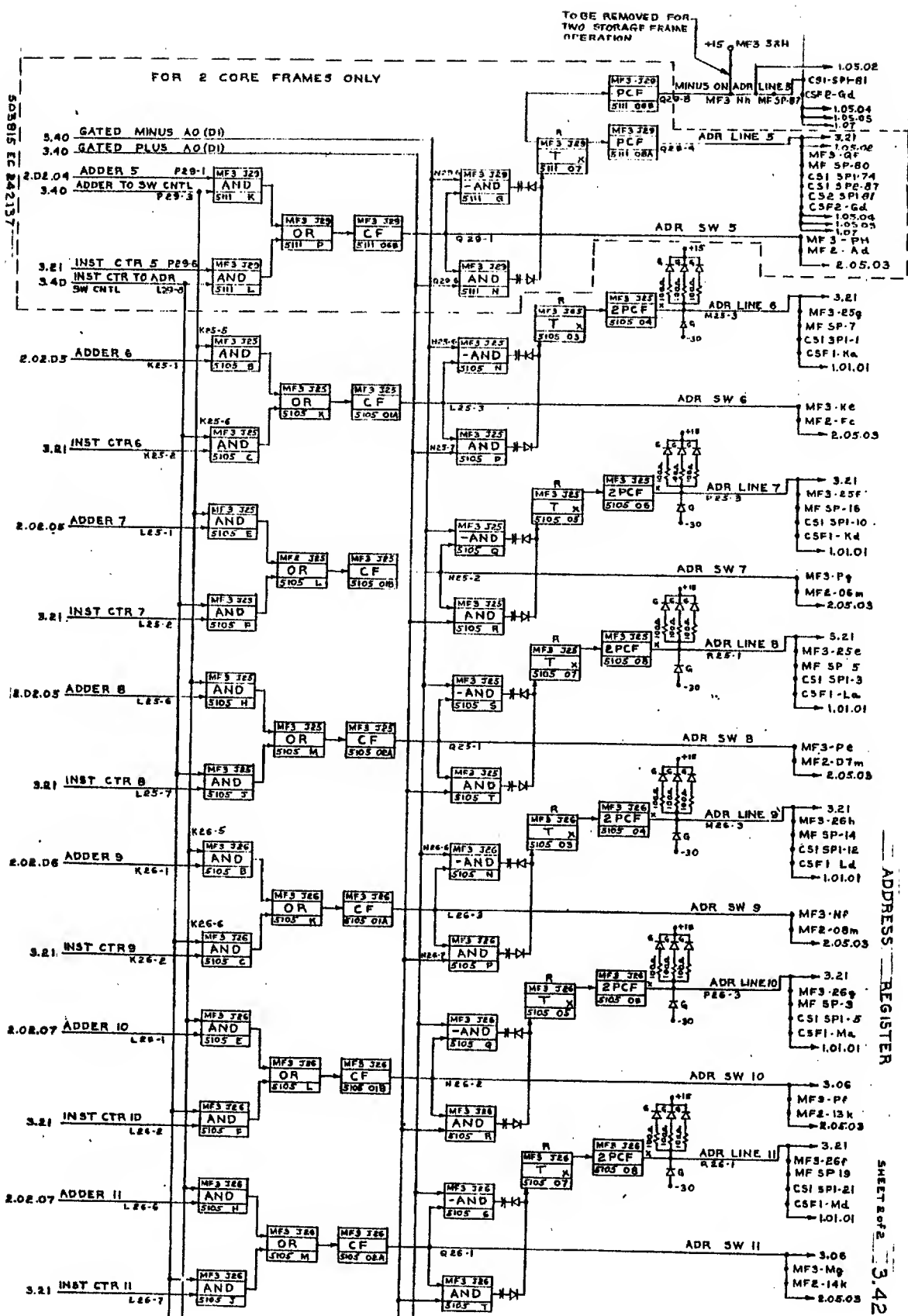
3.42

503814

503814

[illegible]

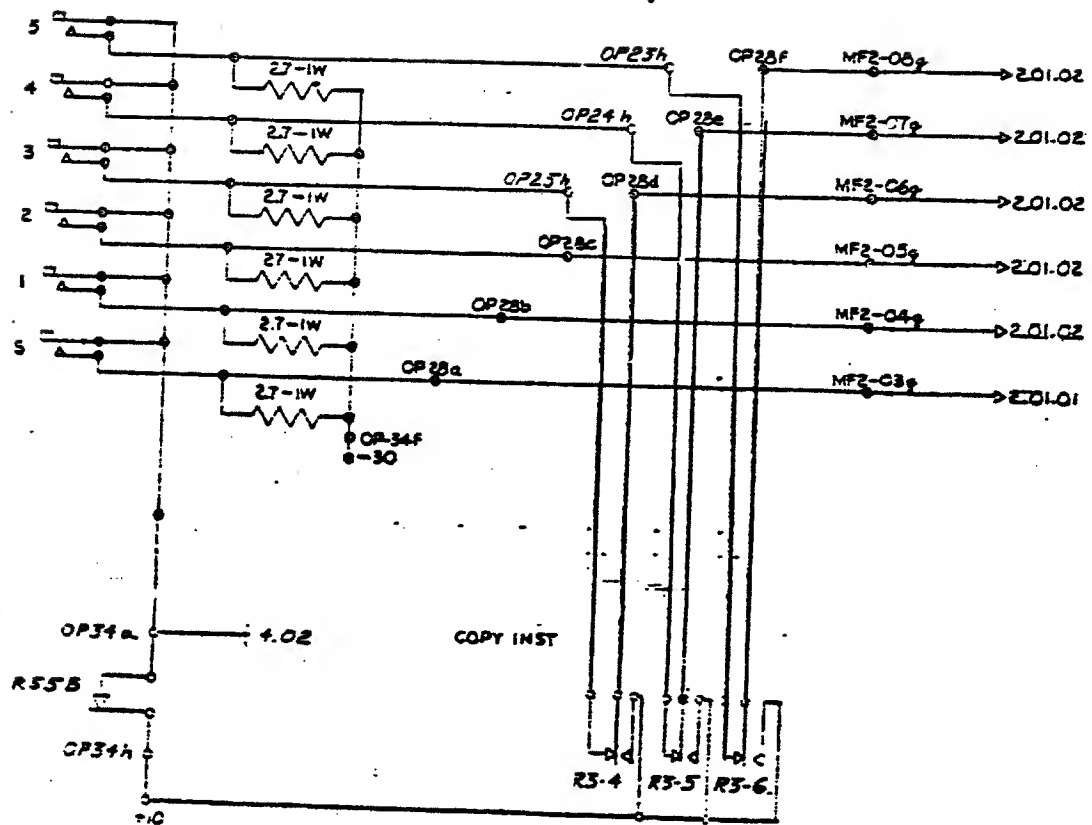
FOR 2 CORE FRAMES ONLY



ADDRESS REGISTER

SHEET 2 of 2 3.42

503816EC 241775



OP PNL ENTRY KEYS (5, 1 THRU 5)

4.01

503817
 524 55 241065
 10-6-55 241745
 11-1-56 243154

WAS 704-3216

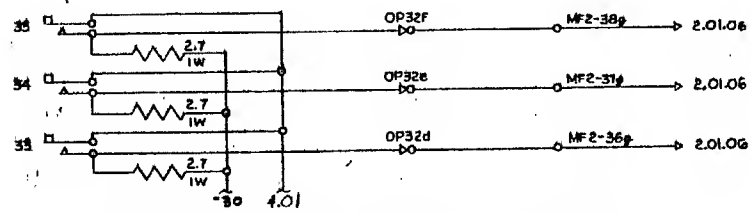
STANDARD NONE
 QTY 1
 503817

503817

NOTE
 X PRINT TO ENG. SPEC
 84924

OP PNL ENTRY KEYS (6 THRU 35)

4.02



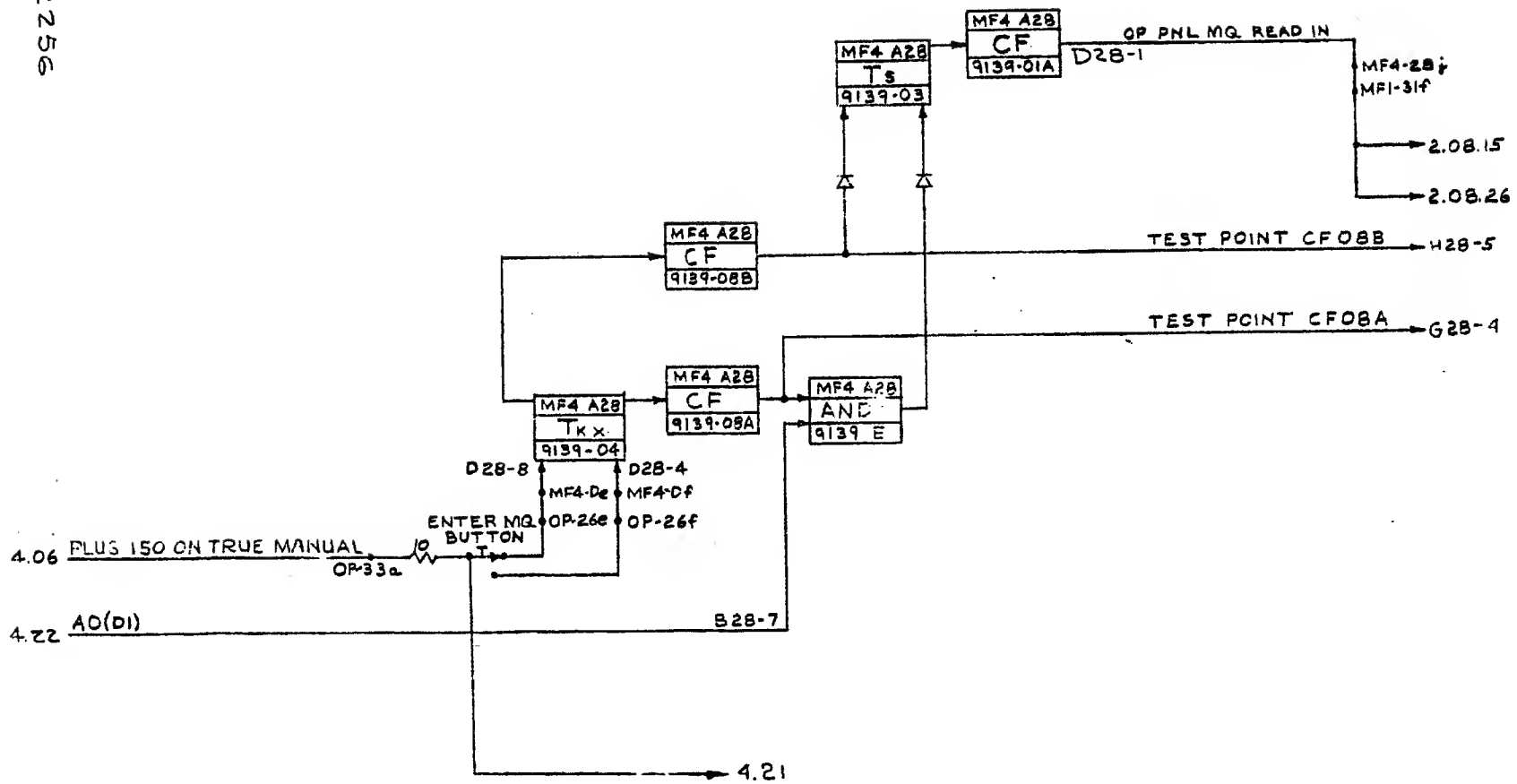
OPR PNL ENTRY KEY	OP PNL EDGE CONN	MAIN FRAME EDGE CONN	SYSTEMS DWG
32	32c	MF2-35g	2.01.06
31	32b	MF2-34g	2.01.06
30	32a	MF2-33g	2.01.06
29	31h	MF2-32g	2.01.06
28	31g	MF2-31g	2.01.06
27	31f	MF2-30g	2.01.06
26	31e	MF2-29g	2.01.06
25	31d	MF2-28g	2.01.06
24	31c	MF2-27g	2.01.06
23	31b	MF2-26g	2.01.06
22	31a	MF2-25g	2.01.06
21	30h	MF2-24g	2.01.06
20	30g	MF2-23g	2.01.03
19	30f	MF2-22g	2.01.03
18	30e	MF2-21g	2.01.03
17	30b	MF2-20g	2.01.02
16	30a	MF2-19g	2.01.02
15	29h	MF2-18g	2.01.02
14	29g	MF2-17g	2.01.02
13	29f	MF2-16g	2.01.02
12	29e	MF2-15g	2.01.02
11	29d	MF2-14g	2.01.02
10	29c	MF2-13g	2.01.02
9	29b	MF2-12g	2.01.02
8	29a	MF2-11g	2.01.02
7	28h	MF2-10g	2.01.02
6	28g	MF2-9g	2.01.02
(TO ENTERTSX)			
9	-	MF3-KG	3.20.02
8	-	MF3-KF	3.20.02
7	-	MF3-HH	3.20.02
6	-	MF3-HG	3.20.02

503817 E.C. 243154

INTERNATIONAL BUSINESS MACHINES CORP.
 BACK ELECTRONIC ANALYTICAL
 CONTROL UNIT
 NAME SYSTEM DIAGRAM
 DRAWING NO. 503817-4-02
 DATE 1-1-56
 SCALE 1:1
 SHEET 1 OF 1

503817

503818 EC 242256

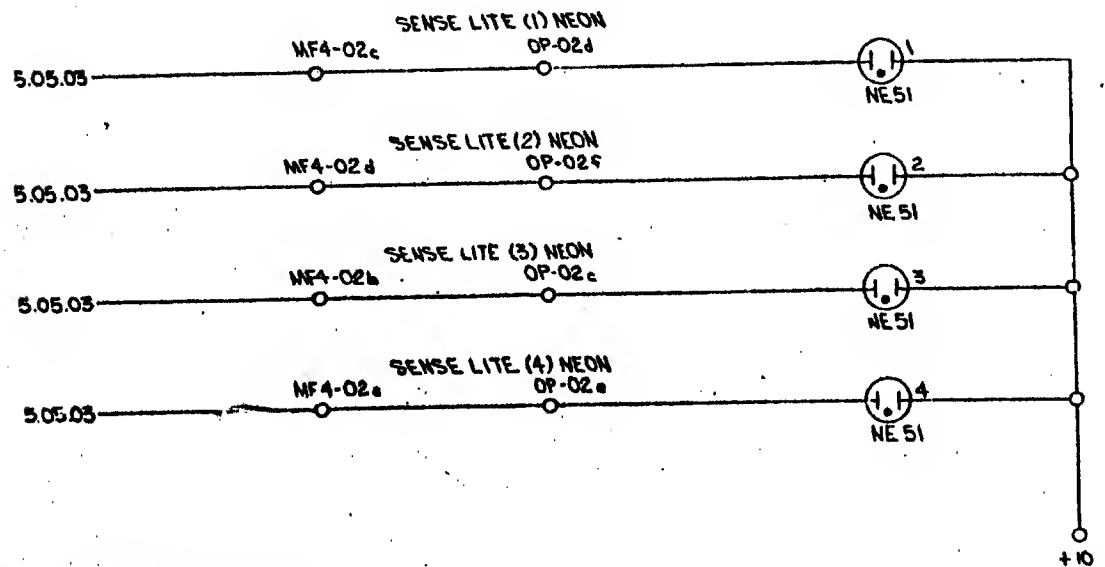
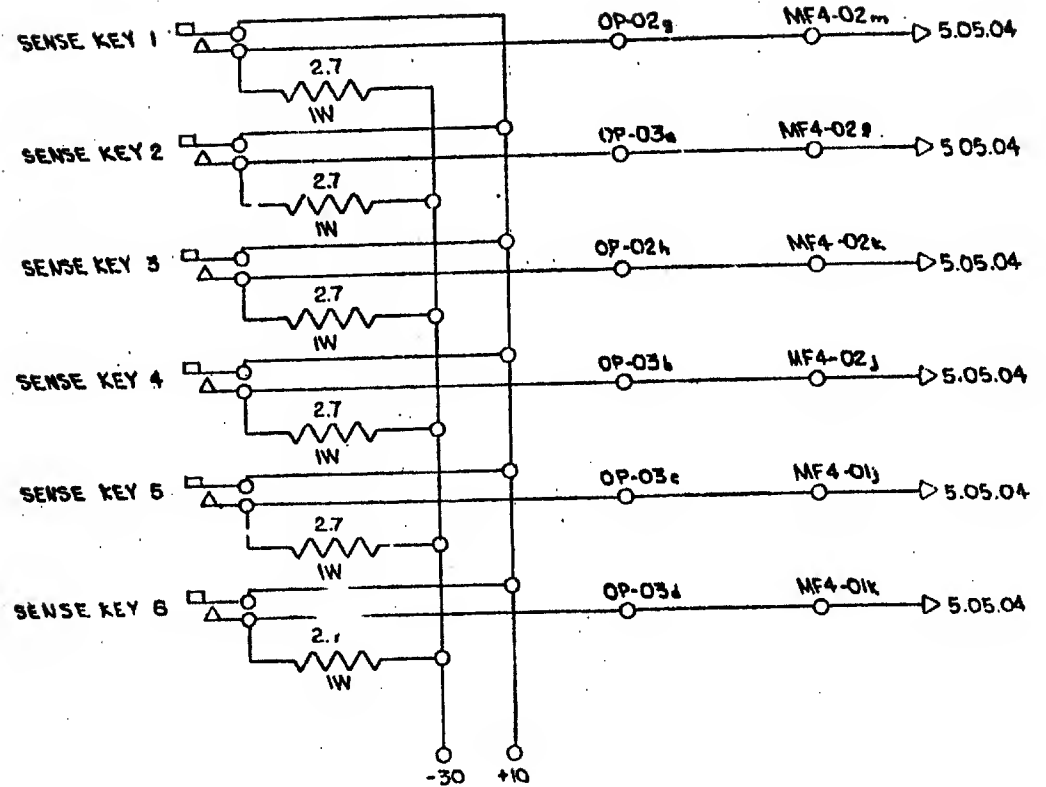


ENTER MQ

4.03

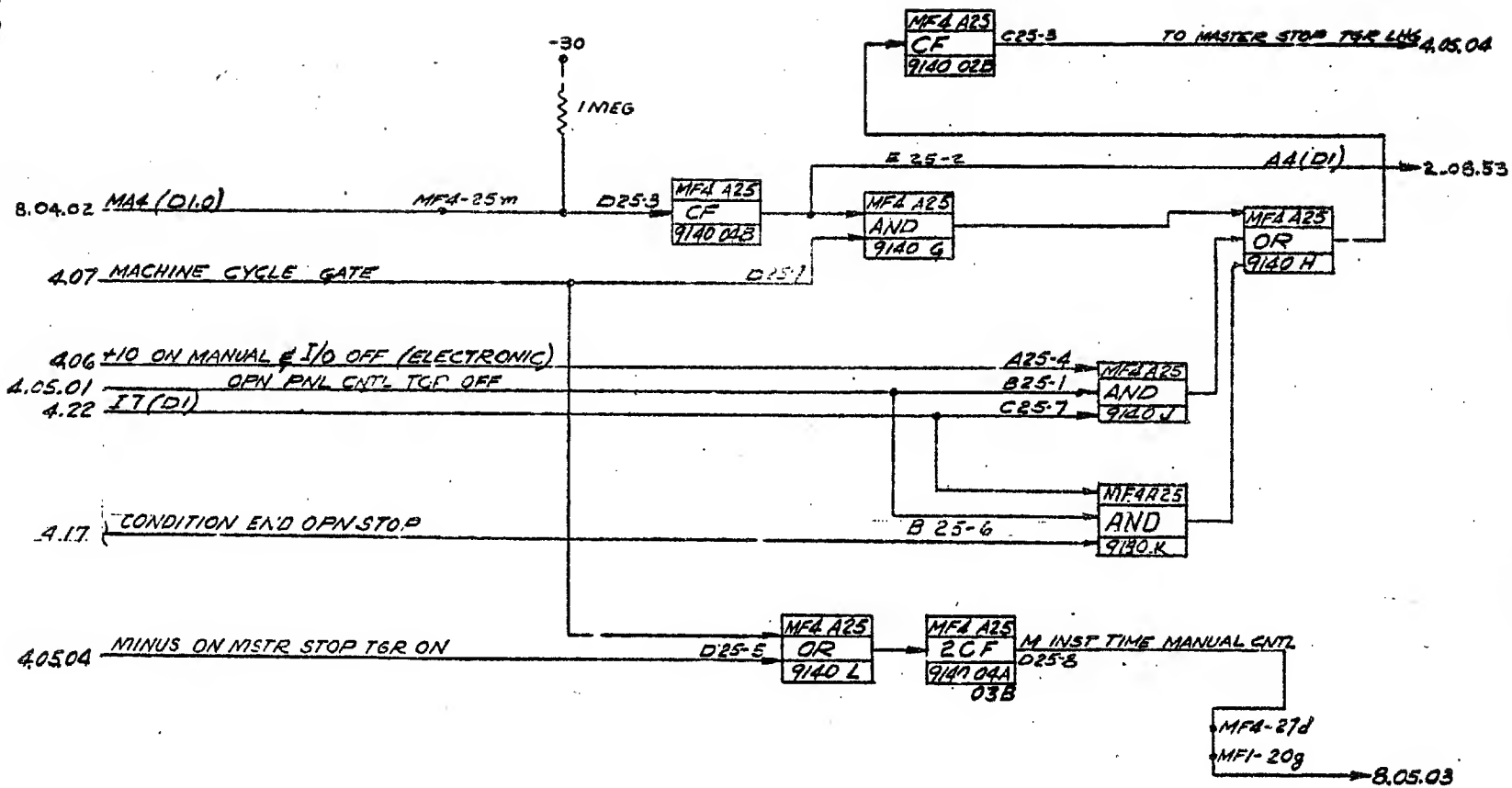
SENSE KEYS & LIGHTS

4.04



503 819 E.C. 214065

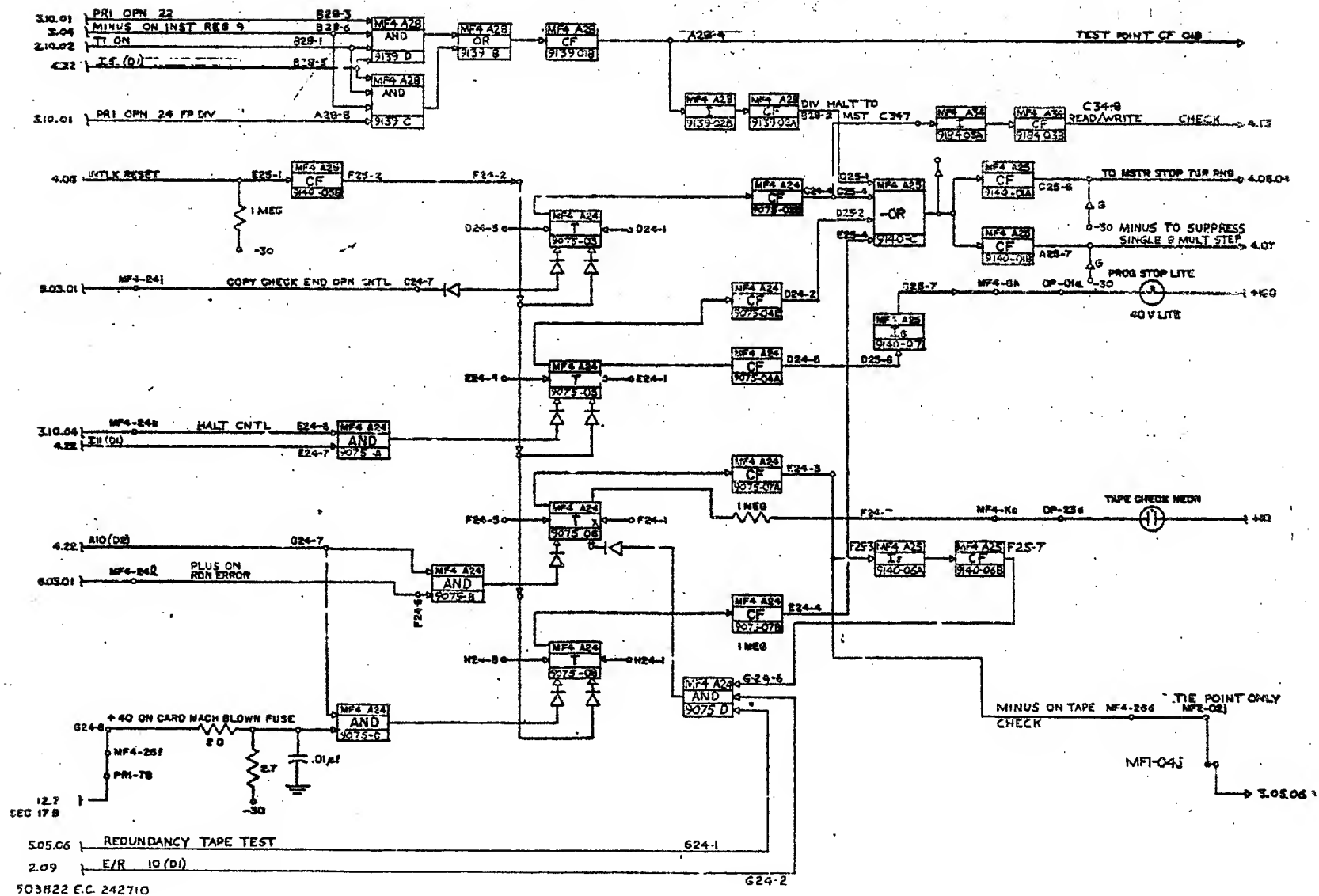
503821EC.242571



TURN ON MSTR STOP TGR

4.05.02

40503



ISSUANCE CODE	ISSUANCE FROM AGENCY	STY.	503823
NONE	503627		
		DATE	CHANGE NO.
		5-24-55	241065
		8-3-55	241476
		10-19-55	241902
		4-19-56	242580
		10-15-56	243196

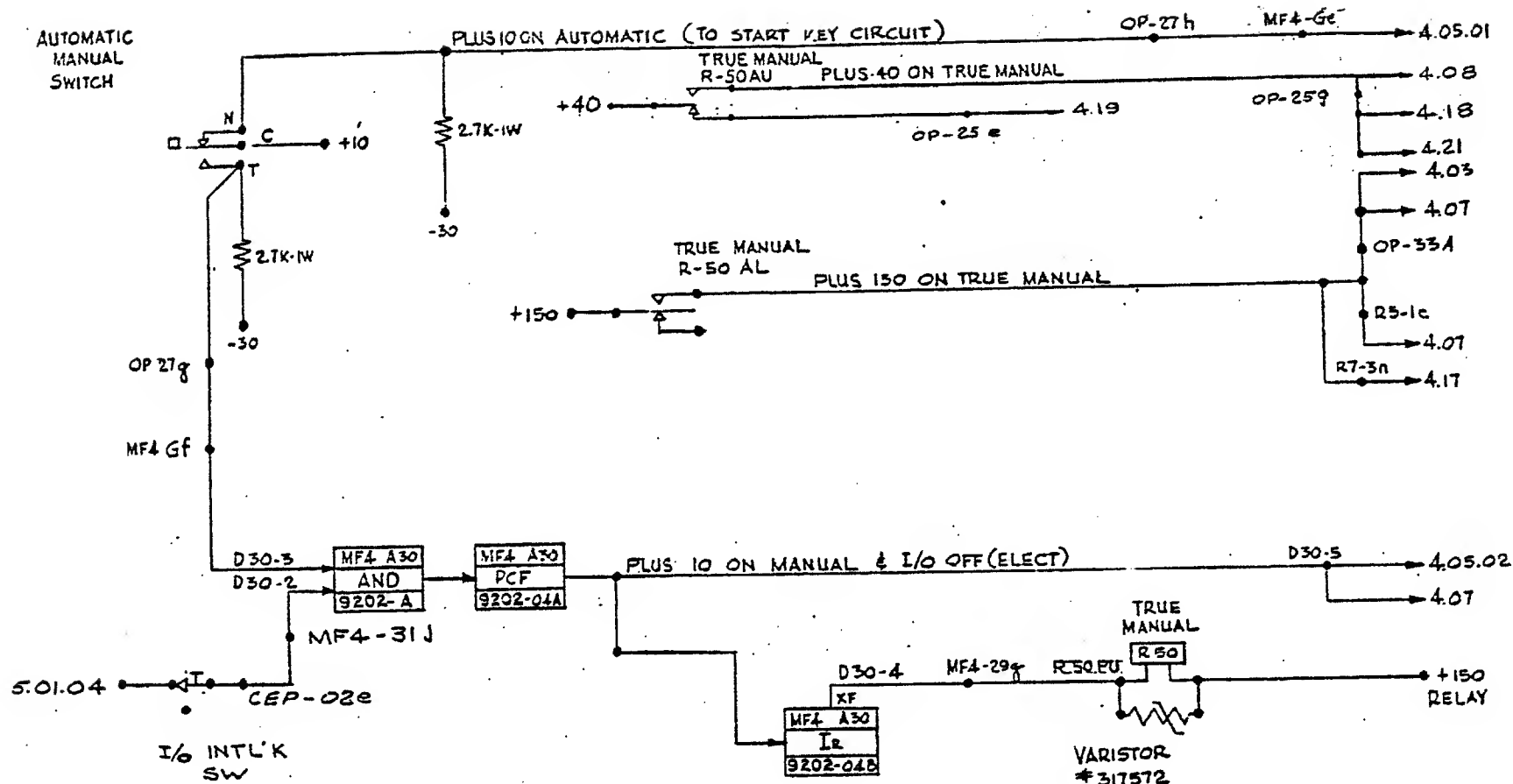
[illegible]

NOTE
X PRINT TO ENG SPEC.
895291

NATURAL SPECIFICATION NO.		TOLERANCE CHAIN STITCHING ORDER		ALIGNMENT WITHIN		NOTE 1	INTERNATIONAL BUSINESS MACHINES CORP.	
		DIMENSIONAL ± .005		CONCENTRIC WITHIN		NOTE 2	RACAL ELECTRONIC ANALYTICAL	
CASE DEPTH		PRACTICES ± .004		FLAT WITHIN		NOTE 3	CONTROL UNIT MODEL 704	
HARDNESS		ANGLES ± 2°		PARALLEL WITHIN		NOTE 4	NAME SYSTEM DIAGRAM	
SURFACE TREATMENT		SPEL					4.05.04	
		TOL. MAXIMUM SPCL. MIN.		CONVISED		NOTE 5	DRAIN	
				OUTBOUND		NOTE 6	TMS 2-1.55 SCALE	
		CONVISED RAY BIV				NOTE 7	DRAIN	
						NOTE 8	DRAIN	
						NOTE 9	DRAIN	
						NOTE 10	DRAIN	
						NOTE 11	DRAIN	
						NOTE 12	DRAIN	
						NOTE 13	DRAIN	
						NOTE 14	DRAIN	
						NOTE 15	DRAIN	
						NOTE 16	DRAIN	
						NOTE 17	DRAIN	
						NOTE 18	DRAIN	
						NOTE 19	DRAIN	
						NOTE 20	DRAIN	
						NOTE 21	DRAIN	
						NOTE 22	DRAIN	
						NOTE 23	DRAIN	
						NOTE 24	DRAIN	
						NOTE 25	DRAIN	
						NOTE 26	DRAIN	
						NOTE 27	DRAIN	
						NOTE 28	DRAIN	
						NOTE 29	DRAIN	
						NOTE 30	DRAIN	
						NOTE 31	DRAIN	
						NOTE 32	DRAIN	
						NOTE 33	DRAIN	
						NOTE 34	DRAIN	
						NOTE 35	DRAIN	
						NOTE 36	DRAIN	
						NOTE 37	DRAIN	
						NOTE 38	DRAIN	
						NOTE 39	DRAIN	
						NOTE 40	DRAIN	
						NOTE 41	DRAIN	
						NOTE 42	DRAIN	
						NOTE 43	DRAIN	
						NOTE 44	DRAIN	
						NOTE 45	DRAIN	
						NOTE 46	DRAIN	
						NOTE 47	DRAIN	
						NOTE 48	DRAIN	
						NOTE 49	DRAIN	
						NOTE 50	DRAIN	
						NOTE 51	DRAIN	
						NOTE 52	DRAIN	
						NOTE 53	DRAIN	
						NOTE 54	DRAIN	
						NOTE 55	DRAIN	
						NOTE 56	DRAIN	
						NOTE 57	DRAIN	
						NOTE 58	DRAIN	
						NOTE 59	DRAIN	
						NOTE 60	DRAIN	
						NOTE 61	DRAIN	
						NOTE 62	DRAIN	
						NOTE 63	DRAIN	
						NOTE 64	DRAIN	
						NOTE 65	DRAIN	
						NOTE 66	DRAIN	
						NOTE 67	DRAIN	
						NOTE 68	DRAIN	
						NOTE 69	DRAIN	
						NOTE 70	DRAIN	
						NOTE 71	DRAIN	
						NOTE 72	DRAIN	
						NOTE 73	DRAIN	
						NOTE 74	DRAIN	
						NOTE 75	DRAIN	
						NOTE 76	DRAIN	
						NOTE 77	DRAIN	
						NOTE 78	DRAIN	
						NOTE 79	DRAIN	
						NOTE 80	DRAIN	
						NOTE 81	DRAIN	
						NOTE 82	DRAIN	
						NOTE 83	DRAIN	
						NOTE 84	DRAIN	
						NOTE 85	DRAIN	
						NOTE 86	DRAIN	
						NOTE 87	DRAIN	
						NOTE 88	DRAIN	
						NOTE 89	DRAIN	
						NOTE 90	DRAIN	
						NOTE 91	DRAIN	
						NOTE 92	DRAIN	
						NOTE 93	DRAIN	
						NOTE 94	DRAIN	
						NOTE 95	DRAIN	
						NOTE 96	DRAIN	
						NOTE 97	DRAIN	
						NOTE 98	DRAIN	
						NOTE 99	DRAIN	
						NOTE 100	DRAIN	
						NOTE 101	DRAIN	
						NOTE 102	DRAIN	
						NOTE 103	DRAIN	
						NOTE 104	DRAIN	
						NOTE 105	DRAIN	
						NOTE 106	DRAIN	
						NOTE 107	DRAIN	
						NOTE 108	DRAIN	
						NOTE 109	DRAIN	
						NOTE 110	DRAIN	
						NOTE 111	DRAIN	
						NOTE 112	DRAIN	
						NOTE 113	DRAIN	
						NOTE 114	DRAIN	
						NOTE 115	DRAIN	
						NOTE 116	DRAIN	
						NOTE 117	DRAIN	
						NOTE 118	DRAIN	
						NOTE 119	DRAIN	
						NOTE 120	DRAIN	
						NOTE 121	DRAIN	
						NOTE 122	DRAIN	
						NOTE 123	DRAIN	
						NOTE 124	DRAIN	
						NOTE 125	DRAIN	
						NOTE 126	DRAIN	
						NOTE 127	DRAIN	
						NOTE 128	DRAIN	
						NOTE 129	DRAIN	
						NOTE 130	DRAIN	
						NOTE 131	DRAIN	
						NOTE 132	DRAIN	
						NOTE 133	DRAIN	
						NOTE 134	DRAIN	
						NOTE 135	DRAIN	
						NOTE 136	DRAIN	
						NOTE 137	DRAIN	
						NOTE 138	DRAIN	
						NOTE 139	DRAIN	
						NOTE 140	DRAIN	
						NOTE 141	DRAIN	
						NOTE 142	DRAIN	
						NOTE 143	DRAIN	
						NOTE 144	DRAIN	
						NOTE 145	DRAIN	
						NOTE 146	DRAIN	
						NOTE 147	DRAIN	
						NOTE 148	DRAIN	
						NOTE 149	DRAIN	
						NOTE 150	DRAIN	
						NOTE 151	DRAIN	
						NOTE 152	DRAIN	
						NOTE 153	DRAIN	
						NOTE 154	DRAIN	
						NOTE 155	DRAIN	
						NOTE 156	DRAIN	
						NOTE 157	DRAIN	
						NOTE 158	DRAIN	
						NOTE 159	DRAIN	
						NOTE 160	DRAIN	
						NOTE 161	DRAIN	
						NOTE 162	DRAIN	
						NOTE 163	DRAIN	
						NOTE 164	DRAIN	
						NOTE 165	DRAIN	
						NOTE 166	DRAIN	
						NOTE 167	DRAIN	
						NOTE 168	DRAIN	
						NOTE 169	DRAIN	
						NOTE 170	DRAIN	
						NOTE 171	DRAIN	
						NOTE 172	DRAIN	
						NOTE 173	DRAIN	
						NOTE 174	DRAIN	
						NOTE 175	DRAIN	
						NOTE 176	DRAIN	
						NOTE 177	DRAIN	
						NOTE 178	DRAIN	
						NOTE 179	DRAIN	
						NOTE 180	DRAIN	
						NOTE 181	DRAIN	
						NOTE 182	DRAIN	
						NOTE 183	DRAIN	
						NOTE 184	DRAIN	
						NOTE 185	DRAIN	
						NOTE 186	DRAIN	
						NOTE 187	DRAIN	
						NOTE 188	DRAIN	
						NOTE 189	DRAIN	
						NOTE 190	DRAIN	
						NOTE 191	DRAIN	
						NOTE 192	DRAIN	
						NOTE 193	DRAIN	
						NOTE 194	DRAIN	
						NOTE 195	DRAIN	
						NOTE 196	DRAIN	
						NOTE 197	DRAIN	
						NOTE 198	DRAIN	
						NOTE 199	DRAIN	
						NOTE 200	DRAIN	
						NOTE 201	DRAIN	
						NOTE 202	DRAIN	
						NOTE 203	DRAIN	
						NOTE 204	DRAIN	
						NOTE 205	DRAIN	
						NOTE 206	DRAIN	
						NOTE 207	DRAIN	
						NOTE 208	DRAIN	
						NOTE 209	DRAIN	
						NOTE 210	DRAIN	
						NOTE 211	DRAIN	
						NOTE 212	DRAIN	
						NOTE 213	DRAIN	
						NOTE 214	DRAIN	
						NOTE 215	DRAIN	
						NOTE 216	DRAIN	
						NOTE 217	DRAIN	
						NOTE 218	DRAIN	
						NOTE 219	DRAIN	
						NOTE 220	DRAIN	
						NOTE 221	DRAIN	
						NOTE 222	DRAIN	
						NOTE 223	DRAIN	
						NOTE 224	DRAIN	
						NOTE 225	DRAIN	
						NOTE 226	DRAIN	
						NOTE 227	DRAIN	
						NOTE 228	DRAIN	
						NOTE 229	DRAIN	
						NOTE 230	DRAIN	
						NOTE 231	DRAIN	
						NOTE 232	DRAIN	
						NOTE 233	DRAIN	
						NOTE 234	DRAIN	
						NOTE 235	DRAIN	
						NOTE 236	DRAIN	
						NOTE 237	DRAIN	
						NOTE 238	DRAIN	
						NOTE 239	DRAIN	
						NOTE 240	DRAIN	
						NOTE 241	DRAIN	
						NOTE 242	DRAIN	
						NOTE 243	DRAIN	
						NOTE 244	DRAIN	
						NOTE 245	DRAIN	
						NOTE 246	DRAIN	
						NOTE 247	DRAIN	
						NOTE 248	DRAIN	
						NOTE 249	DRAIN	
						NOTE 250	DRAIN	
						NOTE 251	DRAIN	
						NOTE 252	DRAIN	
						NOTE 253	DRAIN	
						NOTE 254	DRAIN	
						NOTE 255	DRAIN	
						NOTE 256	DRAIN	
						NOTE 257	DRAIN	
						NOTE 258	DRAIN	
						NOTE 259	DRAIN	
						NOTE 260	DRAIN	
						NOTE 261	DRAIN	
						NOTE 262	DRAIN	
						NOTE 263	DRAIN	
						NOTE 264	DRAIN	
						NOTE 265	DRAIN	
						NOTE 266	DRAIN	
						NOTE 267	DRAIN	
						NOTE 268	DRAIN	
						NOTE 269	DRAIN	
						NOTE 270	DRAIN	
						NOTE 271	DRAIN	
						NOTE 272	DRAIN	
						NOTE 273	DRAIN	
				</				

503823

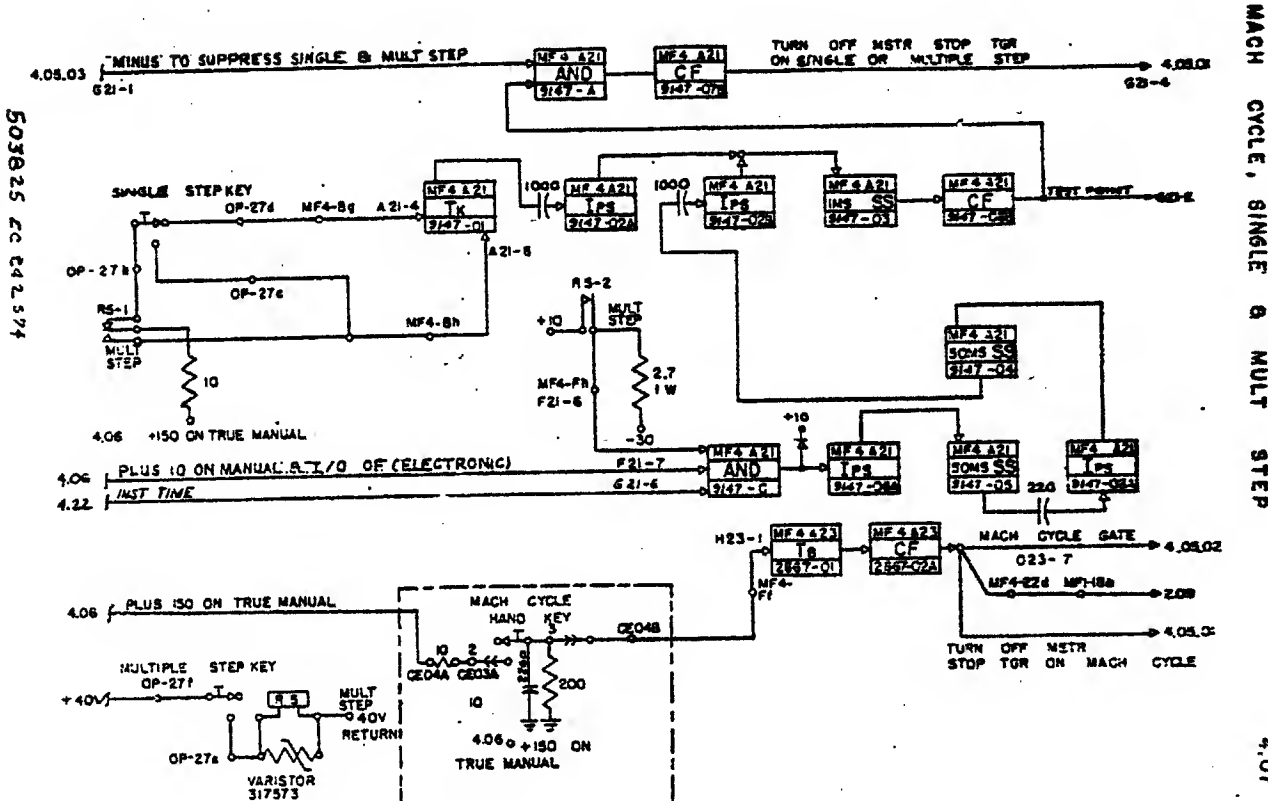
503B24 ECT242343



WAS 1043202

503825

503825



503825

THIS COPY
REDUCED 42 %

NOTE.
X PRINT TO ENG SPEC 89329

DATE	DESCRIPTION	REVISION	BY	DATE	REVISION	BY	DATE	REVISION	BY
10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54
10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54
10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54
10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54
10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54
10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54
10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54
10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54
10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54	10/10/54

503825

WAS 704-3200

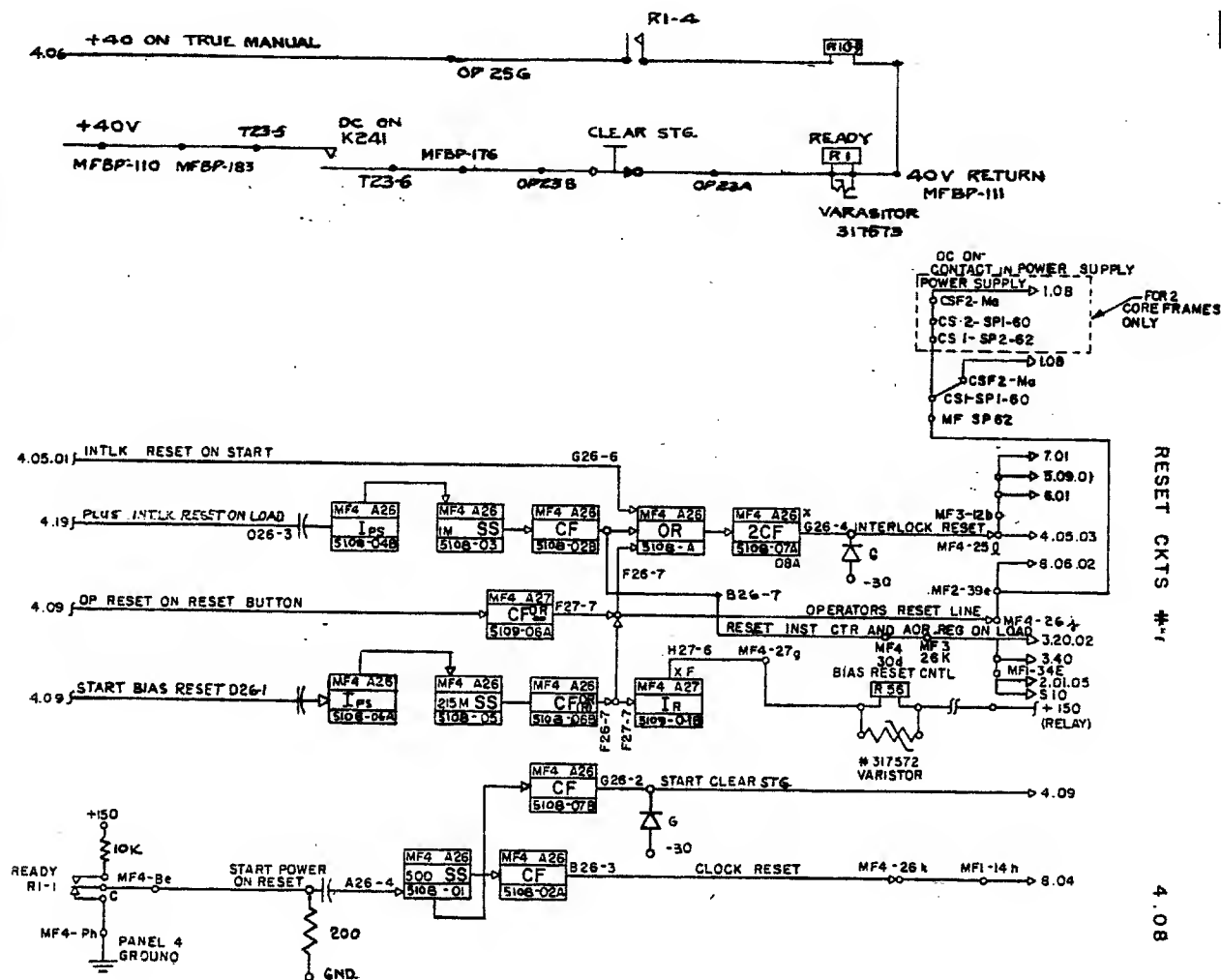
STANDARD CODE
NONESERIAL NO
503627

QTY

503826

DATE	CHANGE NO
5-26-55	241065
8-16-55	241561
10-11-55	241701
11-2-55	241903
11-14-55	242041
12-13-55	242136
2-27-56	242464
3-13-56	242575
4-30-56	242717
10-16-56	243196

503826 EC 243196



503826

NOTE
X PRINT TO ENG.
SPEC. 895291

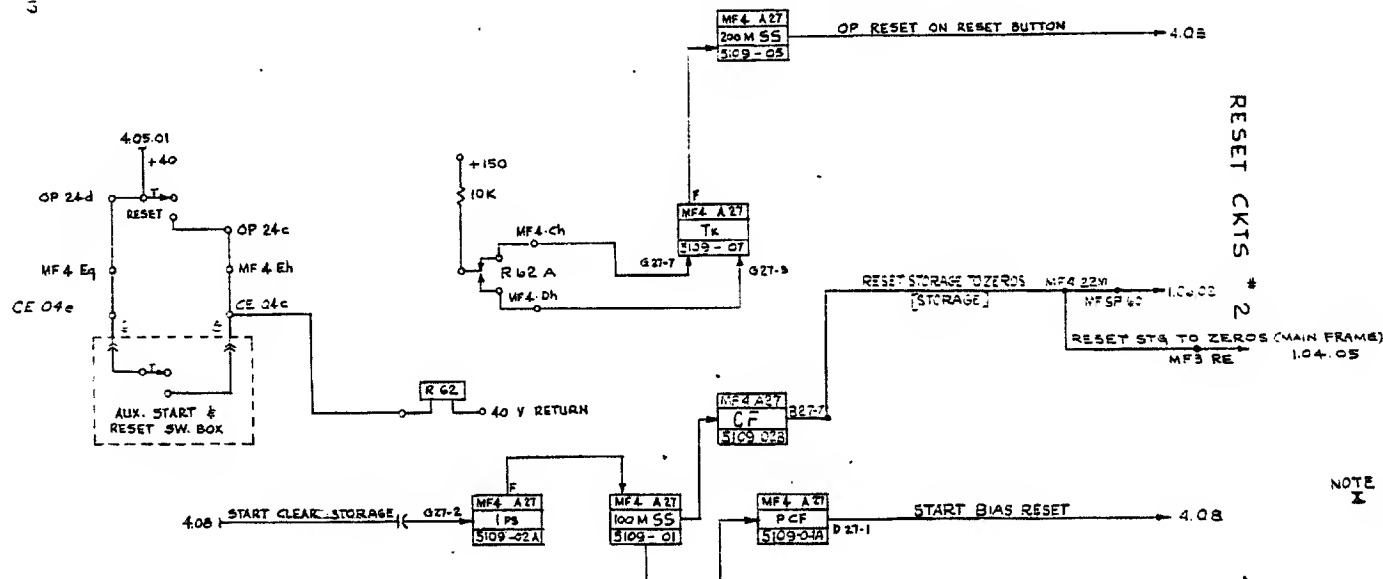
MATERIAL SPECIFICATION	NO	TOLERANCE UNLESS OTHERWISE NOTED	ALIGNMENT WITHIN	NOTE 1	INTERNATIONAL BUSINESS MACHINES CORP.
CASE DEPTH		DECIMALS	CONCENTRIC WITHIN	NOTE 2	ELECTRONIC ANALYTICAL
HARDNESS		FRACTIONS	FLAT WITHIN	NOTE 3	CONTROL UNIT
SURFACE TREATMENT		ANGLES	PARALLEL WITHIN	NOTE 4	NAME SYSTEM DIAGRAM
			STRAIGHT WITHIN	NOTE 5	SCALE
			SQUARE WITHIN	NOTE 6	INCHES

928305

WAS 704-3211

STANDARD	RELEASED	QTY	503827
Q306	FOR ASSES		
NONE	503827		
DATE	CHANGE NO.		
5-24-54	241065		
6-9-55	241476		
9-1-55	241658		
10-6-55	241775		
12-13-55	242136		
8-28-56	242919		

503827 E.C. 242919



RESET CKTS * 2

4.08

NOTE
X PRINT TO ENG.
SPEC. 895291

* SS-01 WILL BE 150M FOR 2 CORE FRAME OPERATION

NATURAL SPECIFICATION	NO.	TOLERANCES UNLESS OTHERWISE NOTED	ALIGNMENT WITHIN	NOTE I	INTERNATIONAL BUSINESS MACHINES CORP.
CASE DEPTH		DECIMALS & .005	CONCENTRIC WITHIN	NOTE II	TRAC. ELECTRONIC ANALYTICAL
HARDNESS		FRACTIONS & 1.00	FLAT WITHIN	NOTE III	MODEL 704
SURFACE TREATMENT		ANGLES & 2°	PARALLEL WITHIN	NOTE IV	NAME SYSTEM 242919 4.08
		CORNERS	STRAIGHT WITHIN	NOTE V	DRAW L.B. 111-20-54 SCALE NONE
		SAY BE	SQUARE WITHIN	NOTE VI	TRAC. F.M. 12-2-54
		BROKEN			APPRO. L.B. 5-5-55 CHECK SHS 12-3-54

503827

503823

DATE: 503627

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

503823

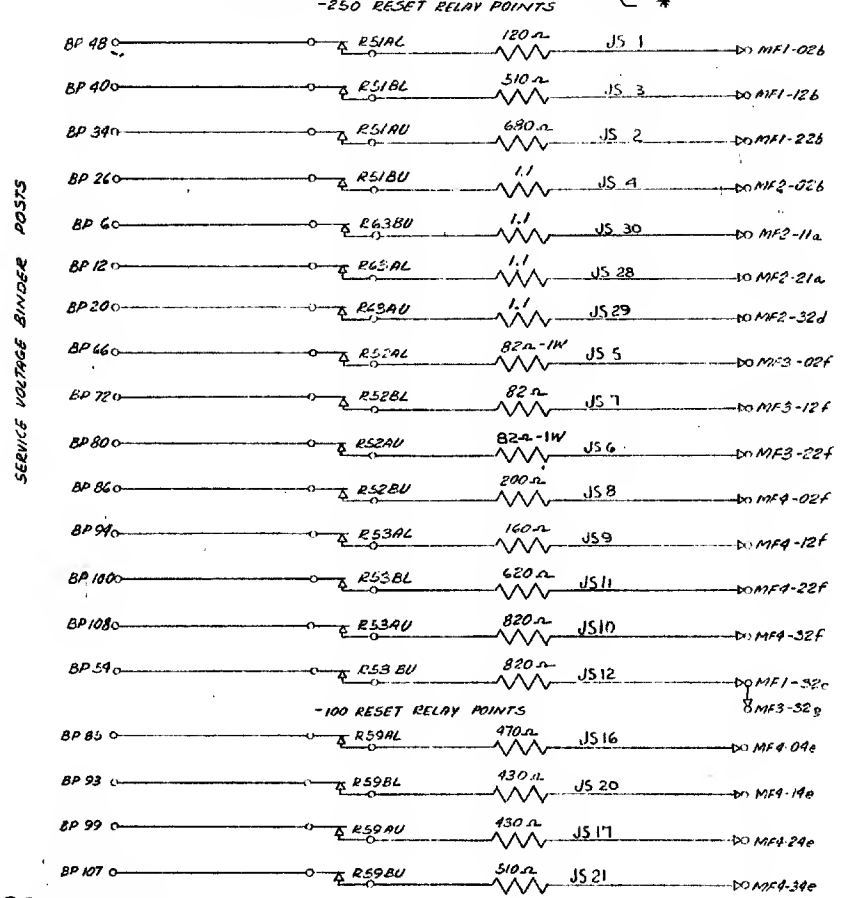
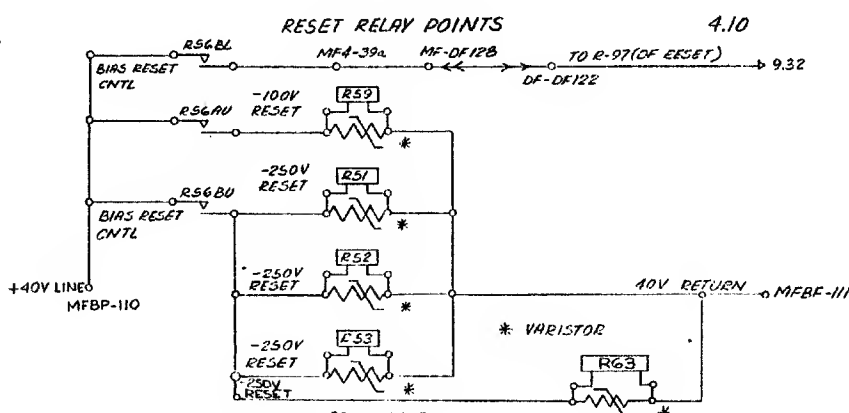
503823

503823

503823

503823

503823

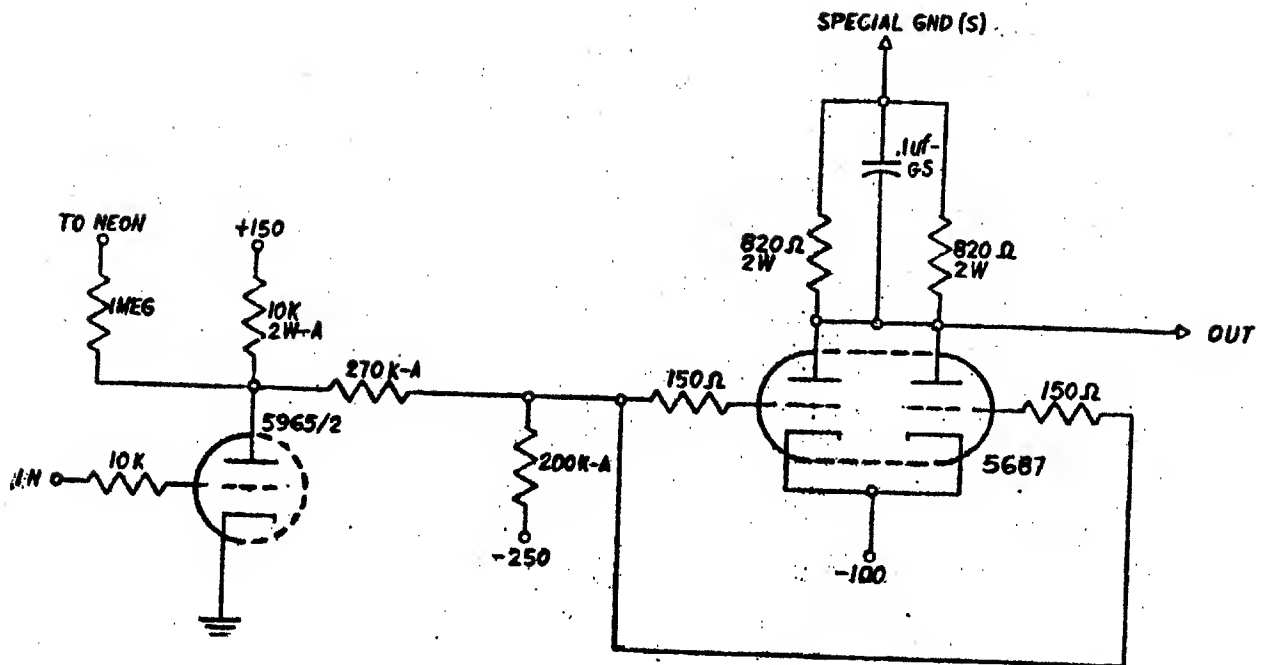
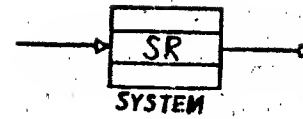
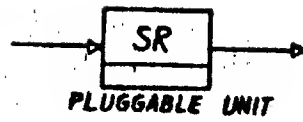


503823 EC. 243241-A

PRINT TO ENG.
SPEC. 895291

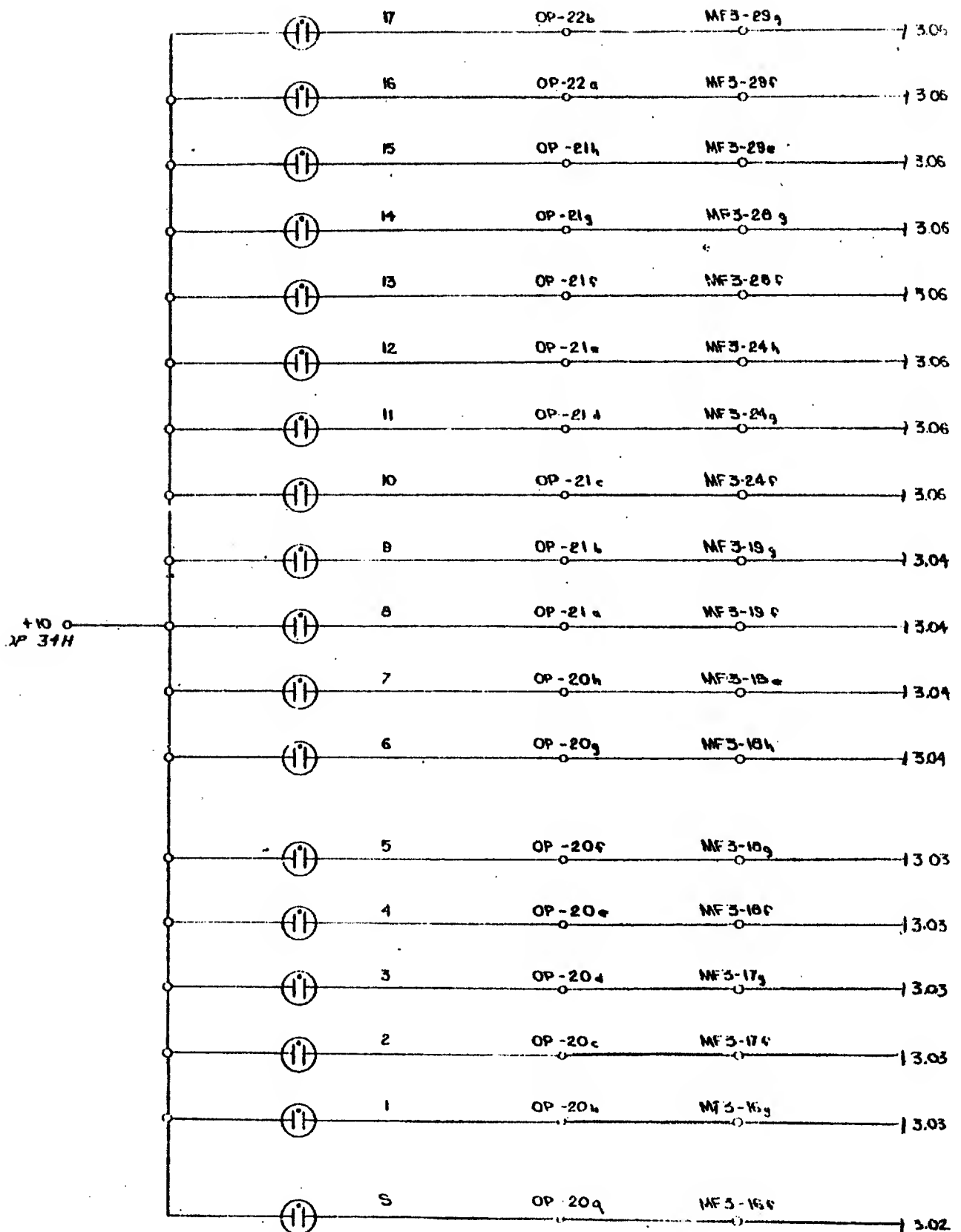
NOTE 1: INTERNATIONAL BUSINESS MACHINES CORP.	
NOTE 2: MACH. ELECTRONIC ANALYTICAL	
NOTE 3: CONTROL UNIT	MODE: 705
NOTE 4: NAME SYSTEM	4.10
NOTE 5: NAME	745
NOTE 6: NAME	745
NOTE 7: NAME	745
NOTE 8: NAME	745
NOTE 9: NAME	745
NOTE 10: NAME	745
NOTE 11: NAME	745
NOTE 12: NAME	745
NOTE 13: NAME	745
NOTE 14: NAME	745
NOTE 15: NAME	745
NOTE 16: NAME	745
NOTE 17: NAME	745
NOTE 18: NAME	745
NOTE 19: NAME	745
NOTE 20: NAME	745
NOTE 21: NAME	745
NOTE 22: NAME	745
NOTE 23: NAME	745
NOTE 24: NAME	745
NOTE 25: NAME	745
NOTE 26: NAME	745
NOTE 27: NAME	745
NOTE 28: NAME	745
NOTE 29: NAME	745
NOTE 30: NAME	745
NOTE 31: NAME	745
NOTE 32: NAME	745
NOTE 33: NAME	745
NOTE 34: NAME	745
NOTE 35: NAME	745
NOTE 36: NAME	745
NOTE 37: NAME	745
NOTE 38: NAME	745
NOTE 39: NAME	745
NOTE 40: NAME	745
NOTE 41: NAME	745
NOTE 42: NAME	745
NOTE 43: NAME	745
NOTE 44: NAME	745
NOTE 45: NAME	745
NOTE 46: NAME	745
NOTE 47: NAME	745
NOTE 48: NAME	745
NOTE 49: NAME	745
NOTE 50: NAME	745
NOTE 51: NAME	745
NOTE 52: NAME	745
NOTE 53: NAME	745
NOTE 54: NAME	745
NOTE 55: NAME	745
NOTE 56: NAME	745
NOTE 57: NAME	745
NOTE 58: NAME	745
NOTE 59: NAME	745
NOTE 60: NAME	745
NOTE 61: NAME	745
NOTE 62: NAME	745
NOTE 63: NAME	745
NOTE 64: NAME	745
NOTE 65: NAME	745
NOTE 66: NAME	745
NOTE 67: NAME	745
NOTE 68: NAME	745
NOTE 69: NAME	745
NOTE 70: NAME	745
NOTE 71: NAME	745
NOTE 72: NAME	745
NOTE 73: NAME	745
NOTE 74: NAME	745
NOTE 75: NAME	745
NOTE 76: NAME	745
NOTE 77: NAME	745
NOTE 78: NAME	745
NOTE 79: NAME	745
NOTE 80: NAME	745
NOTE 81: NAME	745
NOTE 82: NAME	745
NOTE 83: NAME	745
NOTE 84: NAME	745
NOTE 85: NAME	745
NOTE 86: NAME	745
NOTE 87: NAME	745
NOTE 88: NAME	745
NOTE 89: NAME	745
NOTE 90: NAME	745
NOTE 91: NAME	745
NOTE 92: NAME	745
NOTE 93: NAME	745
NOTE 94: NAME	745
NOTE 95: NAME	745
NOTE 96: NAME	745
NOTE 97: NAME	745
NOTE 98: NAME	745
NOTE 99: NAME	745
NOTE 100: NAME	745

503823



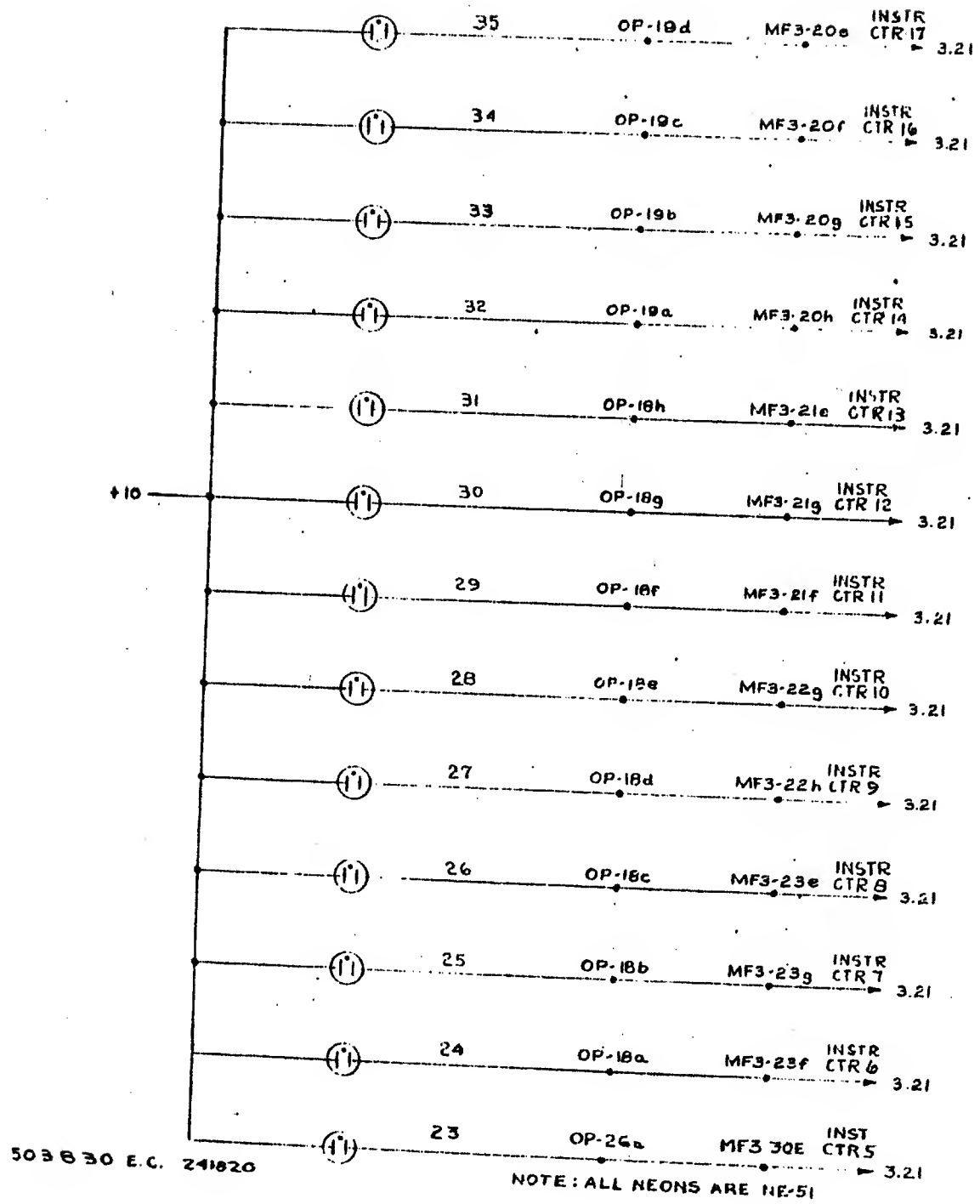
INSTRUCTION NEONS

4.11

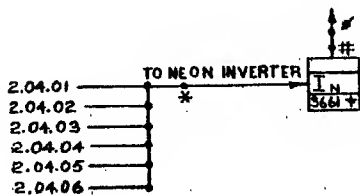


ALL NEONS ARE NE-51

503829 EC-441745



NOTE
I PRINT TO ENG.
SPEC. 895291



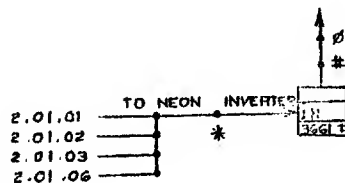
REGISTER POSITION	EDGE CONN ON PANEL 2	INPUT CONN ON NIP	OUTPUT CONN ON NIP	TUBE LOCATION	OPERATOR'S PANEL EDGE CONN
QUOT.	3	☆	#	〒	
	03C	09i	10a	05C-a	OP 13a
1	04C	09f	10f	05C-b	13d
2	05C	09g	10g	05D-a	13e
3	06C	09h	10h	05D-b	13f
4	07C	11a	12a	06A-a	13g
5	08C	11f	12b	06A-b	13h
6	09C	11c	12C	06B-a	14a
7	10C	11d	12d	06B-b	14b
8	11C	11i	12e	06C-a	14c
9	12C	11f	12f	06C-b	14d
10	13C	11g	12g	06D-a	14e
11	14C	11h	12h	06D-b	14f
12	15C	13a	14a	07A-a	14g
13	16C	13f	14b	07A-b	14h
14	17C	13c	14C	07B-a	15a
15	18C	13d	14d	07B-b	15b
16	19C	13e	14e	07C-a	15c
17	20C	13f	14f	07C-b	15d
18	21C	13g	14g	07D-a	15e
19	22C	13h	14h	07D-b	15f
20	23C	15a	16a	08A-a	15g
21	24C	15b	16b	08A-b	15h
22	25C	15c	16c	08B-a	16a
23	26C	15d	16d	08B-b	16b
24	27C	15e	16e	08C-a	16c
25	28C	15f	16f	08C-b	16d
26	29C	15g	16g	08D-a	16e
27	30C	15h	16h	08D-b	16f
28	31C	17a	18a	09A-a	16g
29	32C	17b	18b	09A-b	16h
30	33C	17c	18c	09B-a	17a
31	34C	17d	18d	09B-b	17b
32	35C	17e	18e	09C-a	17c
33	36C	17f	18f	09C-b	17d
34	37C	17g	18g	09D-a	17e
35	38C	17h	18h	09D-b	17f

503 832 E.C. 243053

[illegible]

NOTE
I PRINT TO ENG
SPEC 895291

4.15

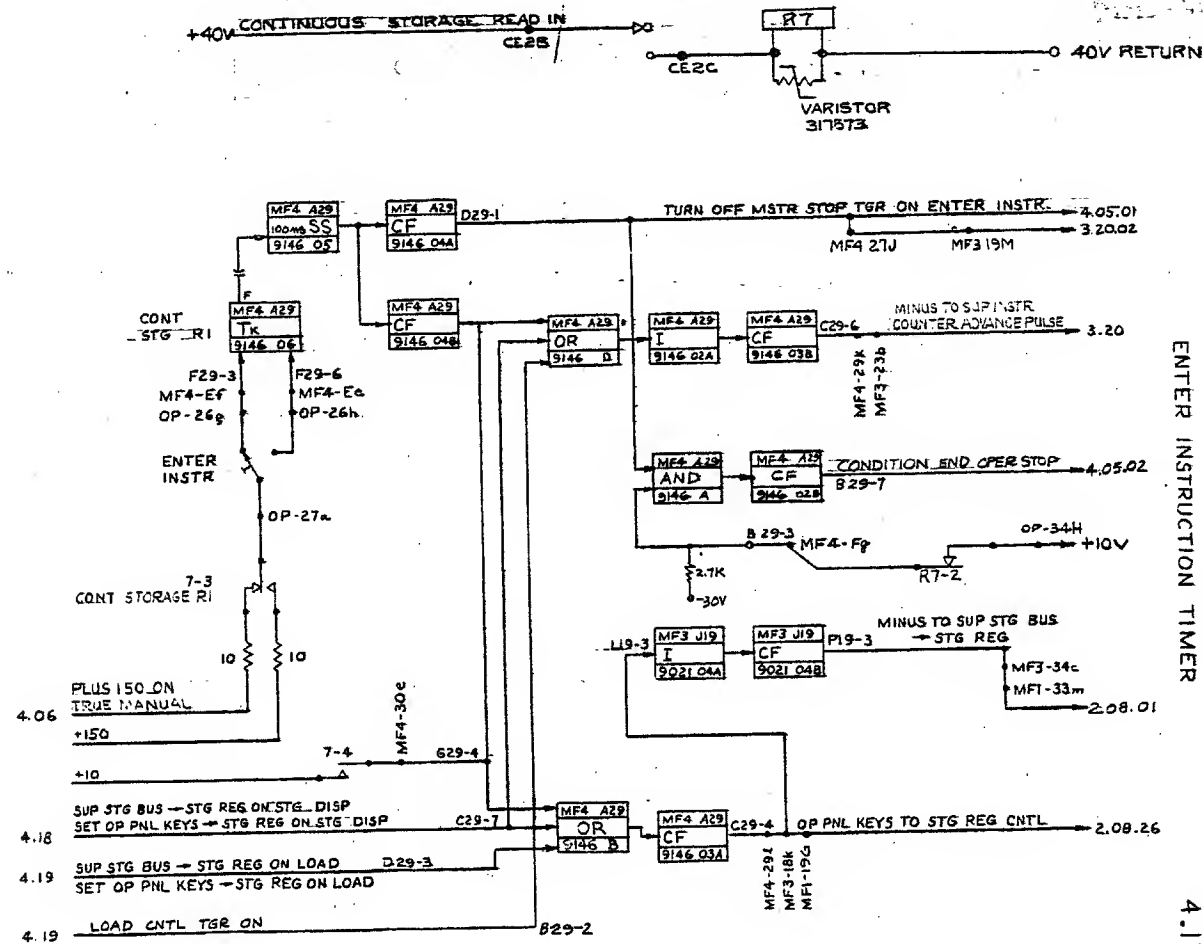


REGISTER POSITION	EDGE CONN ON PANEL 2	INPUT CONN ON NIP	OUTPUT CONN ON NIP	TUBE LOCATION	OPERATOR'S PANEL EDGE CONNECTOR
	#	#	#	#	#
MEM REG S	03a	01a	02a	01A-a	OP 04a
1	04a	01b	02b	01A-b	04b
2	05a	01c	02c	01B-a	04c
3	06a	01d	02d	01B-b	04d
4	07a	01e	02e	01C-a	04e
5	08a	01f	02f	01C-b	04f
6	09a	01g	02g	01D-a	04g
7	10a	01h	02h	01D-b	04h
8	11a	02a	03a	02A-a	05a
9	12a	02b	03b	02A-b	05b
10	13a	02c	03c	02B-a	05c
11	14a	03d	04d	02B-b	05d
12	15a	03e	04e	02C-a	05e
13	16a	03f	04f	02C-b	05f
14	17a	03g	04g	02D-a	05g
15	18a	03h	04h	02D-b	05h
16	19a	05a	06a	03A-a	06a
17	20a	05b	06b	03A-b	06b
18	21a	05c	06c	03B-a	06c
19	22a	05d	06d	03B-b	06d
20	23a	05e	06e	03C-a	06e
21	24a	05f	06f	03C-b	06f
22	25a	05g	06g	03D-a	06g
23	26a	05h	06h	03D-b	06h
24	27a	06a	07a	04A-a	07a
25	28a	07b	08b	04A-b	07b
26	29a	07c	08c	04B-a	07c
27	30a	07d	08d	04B-b	07d
28	31a	07e	08e	04C-a	07e
29	32a	07f	08f	04C-b	07f
30	33a	07g	08g	04D-a	07g
31	34a	07h	08h	04D-b	07h
32	35a	09a	10a	05A-a	08a
33	36a	09b	10b	05A-b	08b
34	37a	09c	10c	05B-a	08c
35	38a	09d	10d	05B-b	08d
36					
37					

503 B 33 E.C. 243053

WAS 704-3203

STANDARD CODE	RELEASED FOR ASSN.	QTY
NONE	503835	
DATE	CHANGE NO.	
5-24-55	241065	
7-12-55	241421	
10-18-55	241817	
12-2-55	242089	
6-4-56	242719	
10-15-56	243196	
11-1-56	243154	



ENTER INSTRUCTION TIMER

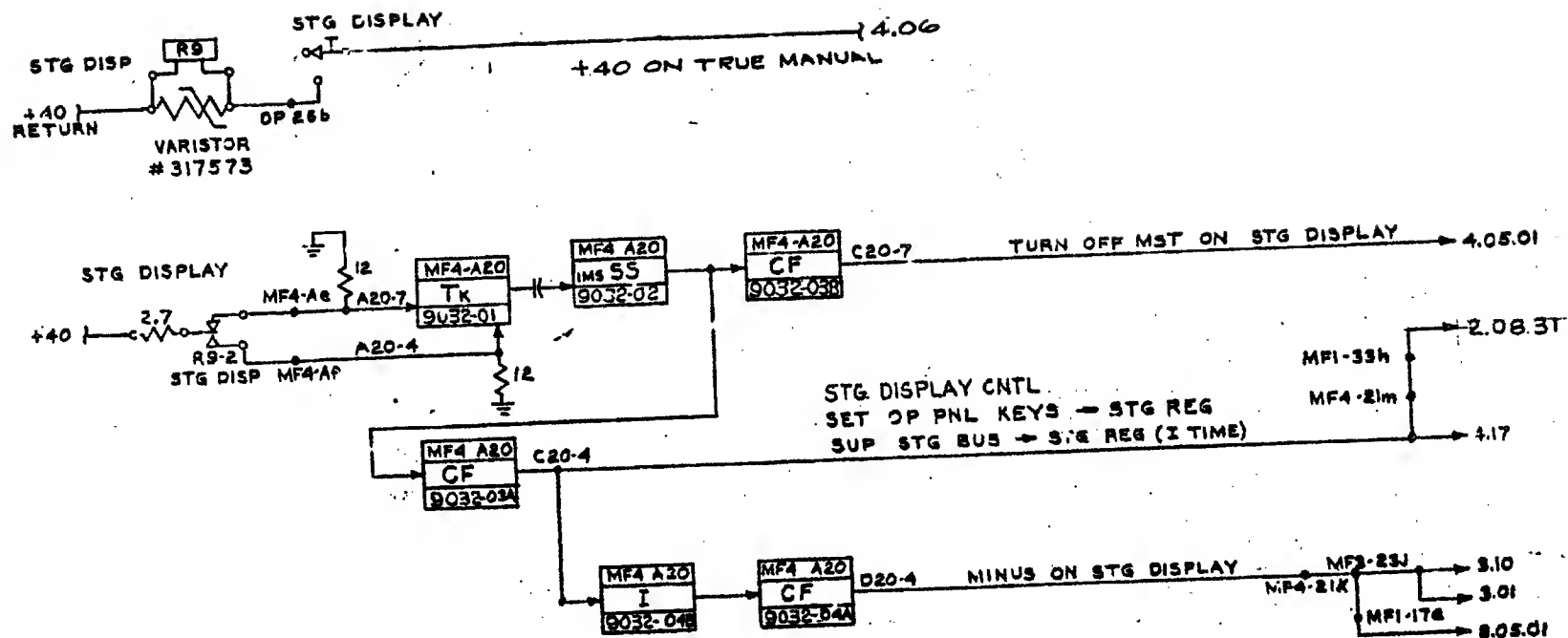
4.17

NOTE
I PRINT TO ENG
SPEC 895291

MATERIAL SPECIFICATION	NO.	TOLERANCES UNLESS OTHERWISE NOTED	ALIGNMENT WITHIN	NOTE I	INTERNATIONAL BUSINESS MACHINES CORP.
CASE DEPTH		DIMENSIONAL ± .005	CONCENTRIC WITHIN	NOTE II	MAKER ELECTRONIC ANALYTICAL
HARDNESS		FRACTIONS ± .001	FLAT WITHIN	NOTE III	CNTL UNIT MODEL 704
SURFACE TREATMENT		ANGLES ± 2°	PARALLEL WITHIN	NOTE IV	NAME SYSTEM PROGRAM
		CORNERS	OUTSIDE	NOTE V	DRAW JAP 7-16-54 SCALE
		INSIDE	STRAIGHT WITHIN	NOTE VI	CHECK
			SQUARE WITHIN		TRADE SHS 11-6-55
					APPRO. 1-5-55 CHECK WAL 1-6-55

503835

NO. B5062-242041



STORAGE DISPLAY TIMER

WAS 704-3224

STANDARDS	RELEASED	QTY
CODE	FOR ASSN.	
NONE	503827	

DATE	CHANGE NO.
5-24-55	241065
10-6-55	241745
10-27-55	241942
11-14-55	242041
12-1-55	242055
6-7-56	242921
7-10-56	242947
10-15-56	243936

503838 E.C. 243936

RELAY NO	COILS			CONTACT POINTS				CONTACT POINTS				PART #	
	PU	PL	H	A	AU	AC	AL	B	BU	BC	BL		
50	4.06				4.06		4.06		4.19		4.21	TRUE MANUAL	282745
51	4.10				4.10		4.10		4.10		4.10	-250 VOLT RESET	281077
52	4.10				4.10		4.10		4.10		4.10	-250 VOLT RESET	281077
53	4.10				4.10		4.10		4.10		4.10	-250 VOLT RESET	281077
54	4.19			4.19				4.19				LOAD	111401
55	4.19			4.19				4.01				- COPY CNTL	111401
56	4.08				4.10				4.10		4.10	BIAS RESET CNTL	206672
57													
58	4.10				4.10		4.10		4.10		4.10	-100 VOLT RESET	281077
61	4.05.01			4.05.01								START RELAY	111351
62	4.08			4.08								RESET RELAY	111351
63	4.10				4.10		4.10		4.10			-250 VOLT RESET	281077

MAIN FRAME RELAY CHART

503838

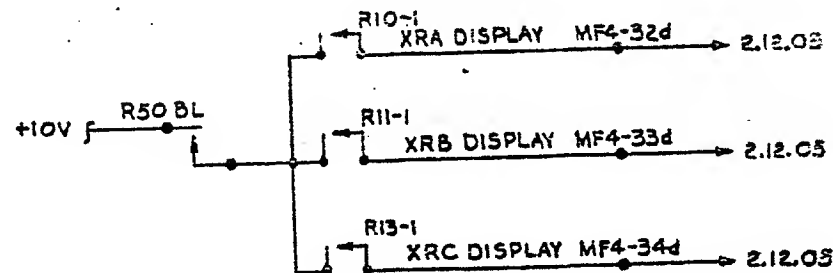
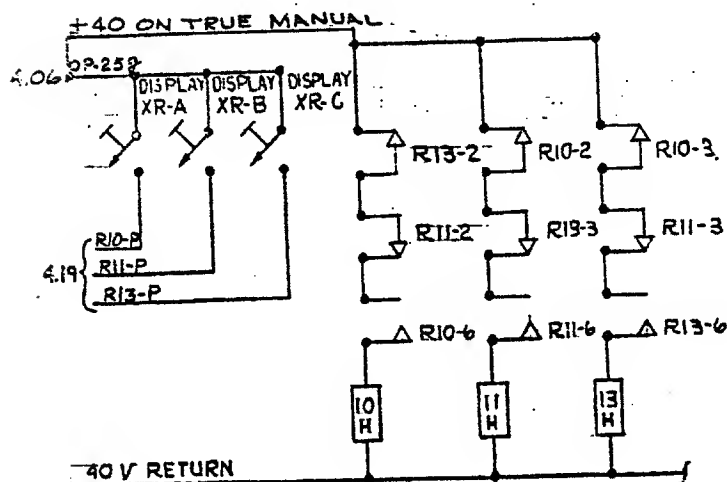
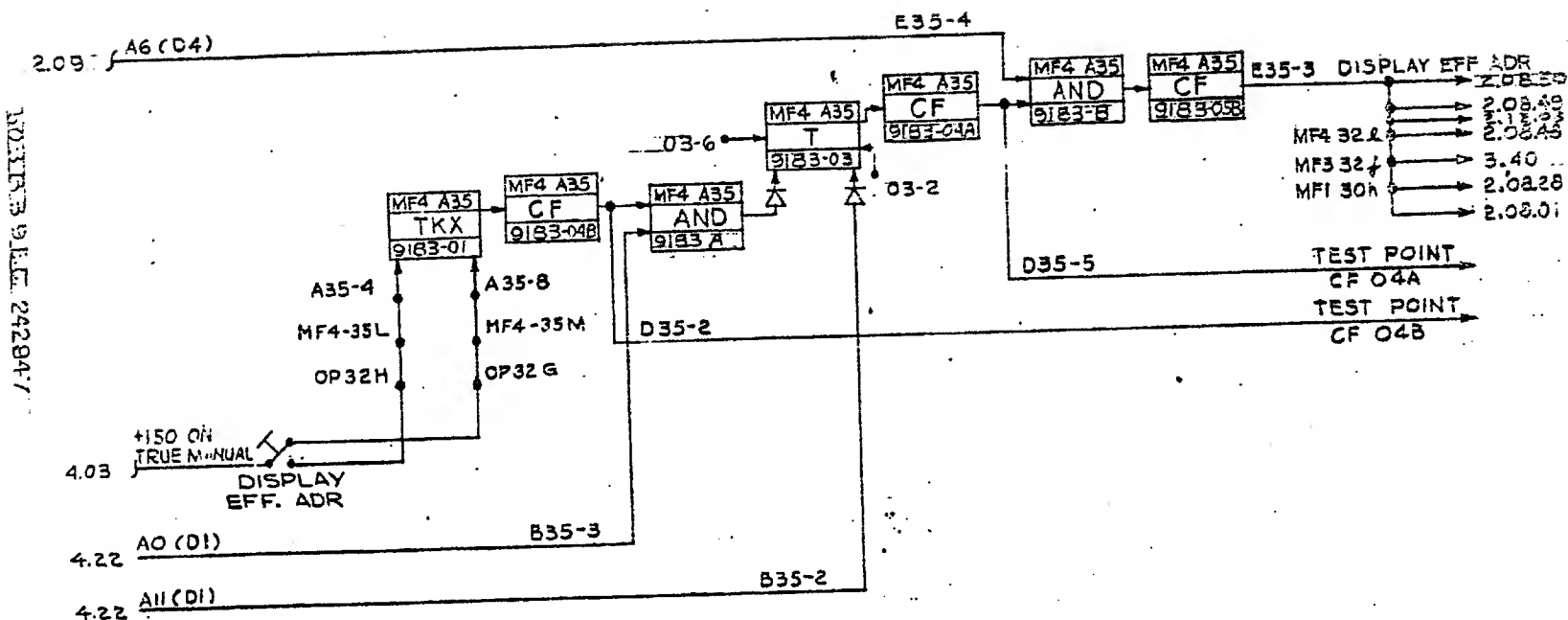
RELAY NO	COILS			CONTACT POINTS												PART #
	PU1	PU2	H	1	2	3	4	5	6	7	8	9	10	11	12	
READY	1	4.08		4.08	4.08	4.05.04	NU	4.08								196208
-COPY INST	3	4.19	NU	4.19	4.01	4.01	4.01	4.01	4.01	4.01	4.19	NU	NU	NU	NU	196187
MULTIPLE STEP	5	4.07			4.07	4.07	NU	NU								196206
CONT STG R1	7	4.24	NU		NU	3.17	4.17	4.17	NU	NU						196197
MEM. DISPLAY	8	4.16			NU	4.16	NU	NU								196208
LOAD CR-DISPLAY	10	4.19		4.21	4.21	4.21	4.21	4.19	4.19	4.21						196197
LOAD DRUM-DISPLAY	11	4.19		4.21	4.21	4.21	4.21	4.19	4.19	4.21						196197
LOAD TAPE-DISPLAY	13	4.19		4.21	4.21	4.21	4.21	4.19	4.19	4.21						196197

420

NOTE
XPRINT TO ENG SPEC
B95291

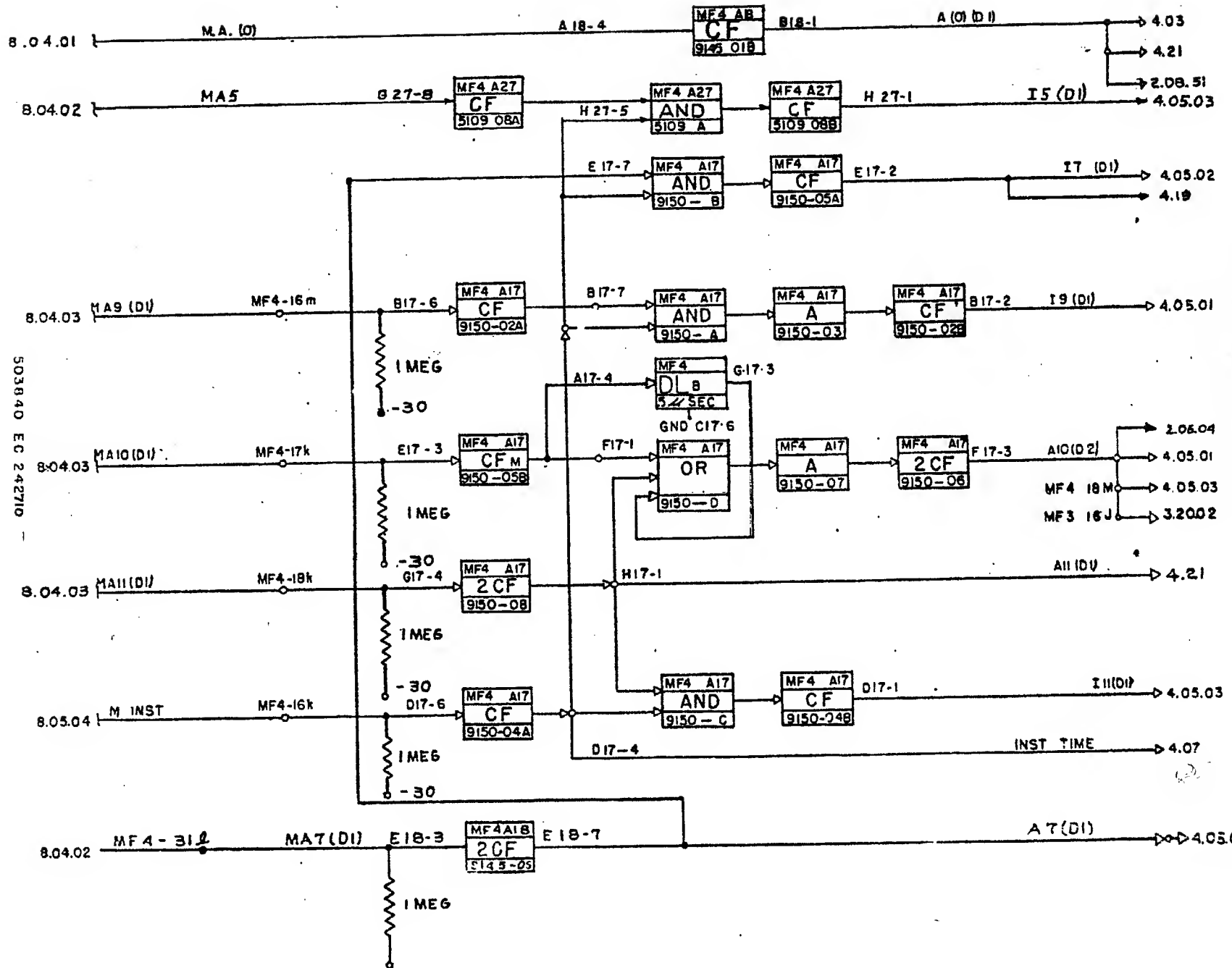
INTERNATIONAL SPECIFICATION NO.		TOLERANCES UNLESS OTHERWISE NOTED		ALIGNMENT WITHIN		NOTE I		INTERNATIONAL BUSINESS MACHINES CORP.	
CASE DEPTH		ORIGINALS & JIGS		CONCENTRIC WITHIN		TUT. IND. READING		NOTE II	
HARDNESS		FRACTIONS < 1/64		FLAT WITHIN		NOTE III		BACK ELECTRONIC ANALYTICAL CONTROL UNIT MODEL 704	
SURFACE TREATMENT		ANGLES < 2°		PARALLEL WITHIN		NOTE IV		NAME SYSTEM DIAGRAM	
SPEL NO.		CORNERS		STRAIGHT WITHIN		NOTE V		420	
TECH. RES. LAB.		OUTSIDE		SQUARE WITHIN		NOTE VI		DRAWN: "US" 4-27-55 SCALE	
APPROV. DATE		INSIDE		IN		INCHES		DATE	

503838



OP PNL MIXING CIRCUITS

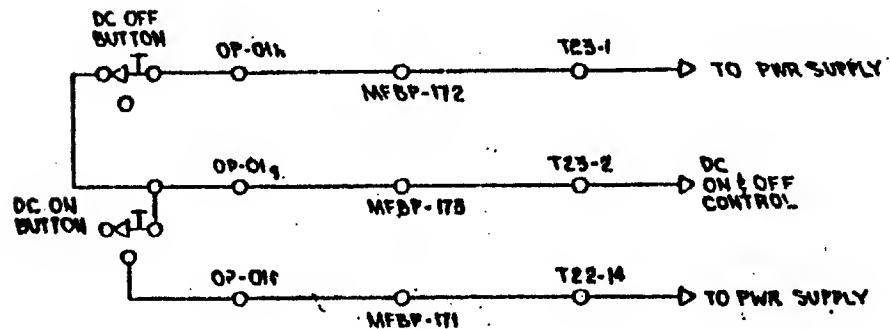
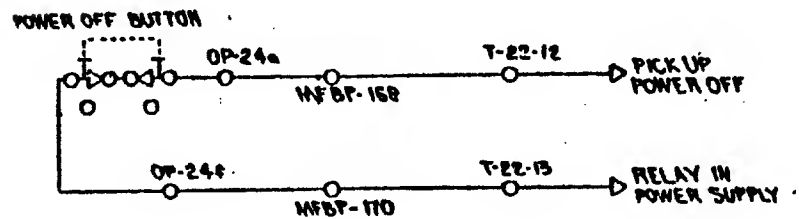
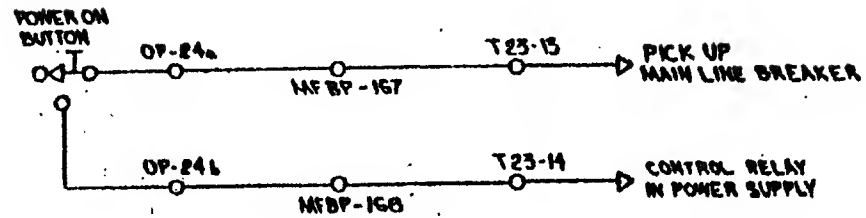
4.22



503840 EC 242710

POWER SUPPLY CONTROLS (OPERATORS PANEL)

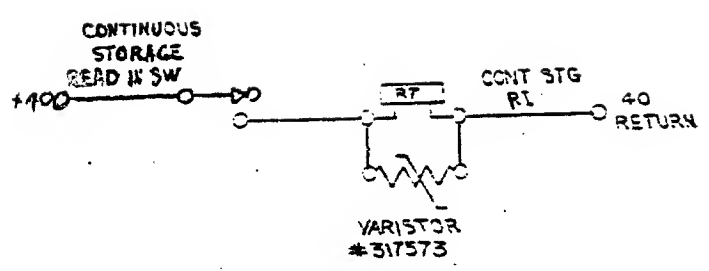
4.23



503 B 41 E.C.241065

CONTINUOUS STORAGE R1/R0

4.24



503042EC241658

OPERATORS

[illegible]

PANEL

19	TEST CTR NEON 1A WF3 - 20A	TEST CTR NEON 1B WF3 - 20B	TEST CTR NEON 1C WF3 - 20C	TEST CTR NEON 1D WF3 - 20D
20	APR REG NEON 2 WF3 - 16C	APR REG NEON 2 WF3 - 16B	APR REG NEON 2 WF3 - 16A	APR REG NEON 2 WF3 - 16F
21	APR REG NEON 3 WF3 - 16F	APR REG NEON 3 WF3 - 16E	APR REG NEON 3 WF3 - 16D	APR REG NEON 3 WF3 - 16C
22	APR REG NEON 4 WF3 - 28A	APR REG NEON 4 WF3 - 28B	APR REG NEON 4 WF3 - 28C	APR REG NEON 4 WF3 - 28D
23	POWER ON BUTTON R (7) READY WF3P - 16T	POWER ON BUTTON R (7) READY WF3P - 16S	POWER ON BUTTON R (7) READY WF3P - 16R	POWER ON BUTTON R (7) READY WF3P - 16Q
24	POWER ON TIME RESISTOR WF3P - 15S	POWER ON TIME RESISTOR WF3P - 15R	POWER ON TIME RESISTOR WF3P - 15Q	POWER ON TIME RESISTOR WF3P - 15P
25	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5
26	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5
27	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5
28	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5
29	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5
30	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5
31	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5
32	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5
33	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5
34	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5	TEST CTR NEON 5 ENTER INST. R 7 - 5 KEY 5

INDEX NEON 8 WF 4 - 09D	INDEX NEON 9 WF 4 - 100	INDEX NEON 10 WF 4 - 10	INDEX NEON 11 WF 4 - 102
ADR REG NEON 4 WF 5 - 100	ADR REG NEON 5 WF 5 - 103	ADR REG NEON 6 WF 5 - 104	ADR REG NEON 7 WF 5 - 106
ADR REG NEON 12 WF 5 - 24h	ADR REG NEON 13 WF 5 - 28C	ADR REG NEON 14 WF 5 - 28h	ADR REG NEON 15 WF 5 - 28h
LOAD CMD'S BUTTON NO. R10P	LOAD ORUM BUTTON NO R10P	LOADS TAPC BUTTON NO. R15P	
QUANTUM ON FLD WF 4 - 14P	TRAP		
NORMAL OFF N/C WF BP - 16B	NORMAL OFF N/C WF BP - 170	POWER LITE WF 2 - 3BK	OP ENTRY KEY 5 R3-6 N/C
LOAD CMD'S BUTTON NO. R50 AU		DISP. STORE R6-3 R50U	OP ENTRY KEY 3 R3-5 N/C
ENTER NO BUTTON N.C. WF 4 - 5B	ENTER NO BUTTON NO. WF 4 - 5B	ENTER INST. N/C WF 4 - 5P	ENTER INST. N.O. WF 4 - 5E
MULTIPLE STEP NO R5	MULTIPLE STEP C +40V	MANUAL SWITCH A WF 4 - 6P	MANUAL SWITCH C WF 4 - 6P
OP ENTRY KEY 5 WF 2 - 07h	OP ENTRY KEY 10 WF 2 - 08h	OP ENTRY KEY 7 WF 2 - 08h	OP ENTRY KEY 7 WF 2 - 10h
OP ENTRY KEY 12 WF 2 - 15h	OP ENTRY KEY 13 WF 2 - 16h	OP ENTRY KEY 14 WF 2 - 17h	OP ENTRY KEY 15 WF 2 - 10h
OP ENTRY KEY 16 WF 2 - 21h	OP ENTRY KEY 18 WF 2 - 22h	OP ENTRY KEY 20 WF 2 - 23h	OP ENTRY KEY 21 WF 2 - 24h
OP ENTRY KEY 18 WF 2 - 28h	OP ENTRY KEY 21 WF 2 - 30h	OP ENTRY KEY 28 WF 2 - 31h	OP ENTRY KEY 29 WF 2 - 32h
OP ENTRY KEY 34 WF 2 - 57h	OP ENTRY KEY 35 WF 2 - 58h	DISPLAY EFF. ADDRESS	DISPLAY EFF. ADDRESS
INDEX REG NEON 15 WF 4 - 160	INDEX REG NEON 16 WF 4 - 170	INDEX REG NEON 17 WF 4 - 16D	INDEX REG NEON 18 WF 4 - 16D
	MULT STEP -30	T10 TO RELAYS	T10 TO RELAYS
	WF 1B - 106	WF 1B - 112	WF 1B - 112
e	f	g	h