

GENERAL DESCRIPTION OF THE 355A DIAL OFFICE

THE NO. 355A OFFICE IS USED FOR COMMUNITY DIAL OFFICES WITH ULTIMATE CAPACITIES NOT EXCEEDING 1500 TO 2000 LINES AND LAYOUTS ARE STANDARDIZED FOR OFFICES WITH 400, 800 AND 1500 LINES TO SIMPLIFY ENGINEERING AND INSTALLING. IT PROVIDES THE VARIOUS CLASSES OF SERVICE COMMONLY REQUIRED IN COMMUNITY DIAL AREAS, AND IN ADDITION, OPTIONAL FACILITIES ARE AVAILABLE FOR NUMEROUS FEATURES OF WHICH THERE IS A LIMITED, BUT DEFINITE DEMAND.

THE 355A DIAL OFFICE PROVIDES COMMON BATTERY SERVICE AND SIMPLIFIED ALARM, TESTING AND POWER EQUIPMENT. NO PROVISION IS MADE FOR A DISTRIBUTING TERMINAL ASSEMBLY AND THE SWITCH FRAMES ARE ARRANGED TO MOUNT LINE FINDERS, SELECTORS AND CONNECTORS UNIVERSALLY.

FLAT RATE SERVICE IS AVAILABLE FOR PBX TRUNKS AND INDIVIDUAL, 2-PARTY SELECTIVE, 4-PARTY SEMI-SELECTIVE, 4-PARTY FULL SELECTIVE, 8-PARTY SEMI-SELECTIVE AND 10-PARTY DIVIDED 5 CODE METALLIC LINES ON A TERMINAL PER STATION OR TERMINAL PER LINE BASIS, FOR 5, 10, OR 20-PARTY BRIDGED CODE METALLIC LINES ON A TERMINAL PER LINE BASIS AND FOR 20-PARTY DIVIDED 10 CODE METALLIC LINES ON 2 TERMINALS PER LINE BASIS.

MESSAGE RATE SERVICE IS AVAILABLE FOR PBX TRUNKS AND INDIVIDUAL LINES.

COIN LINES ARE SERVED ON A PREPAYMENT BASIS FOR INDIVIDUAL LINES OR ON A POST PAYMENT BASIS FOR INDIVIDUAL OR MULTI-PARTY LINES.

FLAT RATE SERVICE ONLY IS AVAILABLE FOR INDIVIDUAL AND 5-PARTY CODE GROUND RETURN LINES ON A TERMINAL PER STATION OR TERMINAL PER LINE BASIS AND FOR 10-PARTY CODE GROUND RETURN LINES ON A TERMINAL PER LINE BASIS.

INDIVIDUAL LINE AND CUT-OFF RELAYS ARE USED IN THE LINE CIRCUIT.

THE LINE FINDERS ARE 22 OR 200 POINT.

THE ROTARY LINE SWITCH IS AVAILABLE FOR SERVING SMALL GROUPS OF MANUAL OR DIAL COIN LINES REQUIRING SEGREGATION.

FLAT RATE LINES, PBX TRUNKS AND MESSAGE RATE LINES MAY BE OPERATED ON EITHER AN EXTENDED OR RESTRICTED SCOPE BASIS.

COIN LINES MAY BE OPERATED ON AN EXTENDED OR RESTRICTED SCOPE BASIS BUT ALL COIN LINES IN THE SAME OFFICE MUST HAVE THE SAME SCOPE.

SELECTORS WITH OR WITHOUT THE LINE LOCKOUT FEATURE ARE AVAILABLE. THE LINE LOCKOUT FEATURE EMPLOYS A TIMING CUT-OFF ARRANGEMENT WHICH IN CONNECTION WITH THE LINE CIRCUITS DISCONNECTS A PERMANENT SIGNAL CONDITION FROM THE SELECTOR.

THE TRUNKS TERMINATE ON INCOMING SELECTORS FOR INCOMING SERVICE AND ON TRUNK RELAY CIRCUITS FOR OUTGOING SERVICE OPERATION EITHER ON A LOOP OR COMMON-LINE SIGNALING BASIS IS AVAILABLE.

THIS OFFICE IS ARRANGED TO INTERCONNECT WITH MANUAL, FULL-STEP-BY-STEP OR OTHER TYPES OF DIAL OFFICES.

GENERAL DESCRIPTION OF THE 355A DIAL OFFICE (CONT)

A TOLL TRAIN IS PROVIDED FOR COMPLETING TOLL CALLS FROM TOLL SWITCHBOARDS AND FOR COMPLETING AB TOLL CALLS FROM MANUAL, TOLL OR DS "A" SWITCHBOARDS.

THIS OFFICE IS ARRANGED TO SERVE AS A TANDEM POINT ON A ONE DIGIT BASIS WITH AUTOMATIC TRUNK SELECTION TO OPERATOR OFFICES.

TEST DISTRIBUTORS AND TEST CONNECTORS ARE PROVIDED FOR ROUTINE TESTING OF SUBSCRIBER LINES. THESE CIRCUITS ARE ALSO USED FOR VERIFYING A BUSY CONDITION ON A SUBSCRIBER LINE FROM THE STEP-BY-STEP "A" SWITCHBOARD DIRECTLY AND FROM THE MANUAL, TOLL OR STEP-BY-STEP "A" OPERATOR BY MEANS OF OPERATOR OFFICE TRUNKS THROUGH SELECTOR LEVELS.

INTERCEPTING SERVICE IS PROVIDED FOR VACANT SELECTOR LEVELS AND FOR TERMINAL PER STATION OR TERMINAL PER LINE CONNECTOR TERMINALS.

TEST SETS ARE AVAILABLE FOR MAKING TESTS ON SELECTORS, CONNECTORS, PREPAYMENT COIN TRUNKS AND CLR TRUNKS.

CONNECTOR MULTIPLE TEST LINES ARE AVAILABLE FOR TESTING INTEROFFICE TRUNKS COIN BOX TRUNKS AND TRUNKS INCOMING FROM TOLL.

AC-DC OR SUPERIMPOSED RINGING CURRENT AND MISCELLANEOUS TONES AND INTERRUPTERS ARE SUPPLIED BY A POWER RINGING CIRCUIT.

AN AUTOMATIC CHARGE AND DISCHARGE POWER PLANT IS FURNISHED FOR THE 45-52 VOLTS D-C SUPPLY.

DRY CELLS ARE USED FOR COIN CONTROL BATTERY.

CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
DING SELECTOR FOR COMPLETING A-B TOLL CALLS	TOLL PRECE	SD-31241-01 22F3
ON/ TOLL TRMSEN SEL FOR COMPL A-B TOLL CALLS WITH OR W.O. DIG ABS		SD-31723-01 22E3
INCPTRK CKT FROM LOCAL OR A-B TOLL PRECEDING SEL MULT		SD-31767-01 7E2
TRK CKT TO MAN. OR TOLL OFF. AB TOLL CX SIG TYPE "B" 2 WAY		SD-31749-01 5H3
+ TO RST SRV UNTIL A DIG. IS ABS /IG. ONCE ONLY + OR REPEATEDLY		SD-95898-01 24E3
. COIN CONT WITH OR W.O. DIG ABS AND BLK (A AND M ONLY) / OR W.O		SD-31745-01 22D3
OR T NO. ST OF RNG FOR DIG ABS BLKG /AT. SUPV SX START OF RNG		SD-31841-01 14F3
TO RST SRV/ CODE SEL ARR TO ABS DIG. ONCE ONLY + OR REPEATEDLY +		SD-95898-01 24E3
TOLL CALLS WITH OR W.O. DIG ABS ON SPEC LEV REP COIL COIN CONT		SD-31723-01 22E3
CT SRV UNTI/ CODE SEL ARR TO ABSORB DIGITS REPEATEDLY + TO RESTRI		SD-33027-01 24G3
ESTRICT SRV UNTIL A DIGIT IS ABSORBED / DIGITS REPEATEDLY + TO R		SD-33027-01 24G3
NO BLOCKING UNTIL A DIGIT IS ABSORBED /ARR FOR DIGIT ABSORBING A		SD-31915-01 22H3
INTER SEL ARR FOR NON DIGIT ABSORBING TOLL		SD-31744-01 22J3
ING CALLS WITH OR W.O. DIGIT ABSORBING / FOR COMPLETING IT. DIAL		SD-31681-01 14F4
EDING SELECTOR ARR FOR DIGIT ABSORBING AND BLOCKING TOLL PREC		SD-33001-01 22G3
/OLL INTER.SEL ARR FOR DIGIT ABSORBING AND BLOCKING UNTIL A DIGIT/		SD-31915-01 22H3
AUX TRK CKT DIGIT ABSORBING FOR DELAYING CUT THRU		SD-32044-01 21E2
AUX TRK CKT DIGIT ABSORBING FOR DELAYING CUT THRU		SD-32044-01 712
COMB. CONV 200 PT MULTI-PTY AC-DC RNG TERM. PER STA ARR FOR REV		SD-33009-01 3E2
/200 PT ROT HTG MULTI- PARTY AC-DC RNG TERM. PER STA ARR FOR REV/		SD-33006-01 3E3
A/ LOC CONV 200 PT MULTI-PTY AC-DC RNG TERM.PER STA ARR FOR REV C		SD-33005-01 3G1
PLY SOURCE MFP RECEIVER ADJUSTING USING ONE MW 1000 CYCLE SU		SD-95779-01 23B4
OR LOW INS MET L PULSE/ LINE ADPT MULTI -PARTY USE WITH GROUNDED		SD-31848-01 1E1
/ISC ALM CKT ALM CONTROL AND AISLE PILOTS AND PERMANENT SIG TIM/		SD-32192-01 11J3
SWITCH TBL ALARM CKT		SD-31514-01 11G1
ALARM CKT		SD-32361-01 2713
GROUP AND ALARM RELAY FOR LINE AND TRK FINDERS		SD-32194-01 20H2
N TRK ALM AND COIN BAT. FUSE ALM MISC ALM CKT PREPAY COI		SD-31975-01 11B3
AND SXS NO. / AUD AND VISUAL ALM AND ALM TR CKT FOR COMBINED TOLL		SD-95075-01 11A4
AND SXS NO. / AUD AND VISUAL ALM AND ALM TR CKT FOR COMBINED TOLL		SD-95063-01 11C4
RM/ CA PROT DEVICE CABLE INS ALM AND ARR TO OPR ON SPEC NO. OF PE		SD-31912-01 11F2
MISC ALM CKT PREPAY COIN TRK ALM AND COIN BAT. FUSE ALM		SD-31975-01 11B3
NED TOLL AND SXS NO. 355A 48V ALM BAT. SUP /D ALM TR CKT FOR COMBI		SD-95075-01 11A4
NED TOLL AND SXS NO. 355A 24V ALM BAT. SUP /D ALM TR CKT FOR COMBI		SD-95063-01 11C4
EXTENSION ALM CKT		SD-95484-01 1114
AND PERMANENT SIG TIM/ MISC ALM CKT ALM CONTROL AND AISLE PILOTS		SD-32192-01 11J3
MISC ALM CKT ALM SENDER		SD-32193-01 11A2
MISC ALM CKT CONV SHELF CKTS		SD-32045-01 11H3
KTS. TRK FDR AND PREPAY/ MISC ALM CKT FOR MSG RATE TRKS. AUX LINE C		SD-31978-01 1113
MISC ALM CKT FOR TRUNK AND MISC SHELVES		SD-32048-01 11E3
KTS FOR REL RACKS MISC ALM CKT KEY, RNG FUSE AND FUSE ALM C		SD-31974-01 11C3
BAT. FUSE ALM MISC ALM CKT PREPAY COIN TRK ALM AND COIN		SD-31975-01 11B3
ISTERS LOCATED ON REL / MISC ALM CKT REGISTER CKT FOR TRAFFIC REG		SD-31976-01 11G3
MISC ALM CKT SEL SHELF CKTS		SD-32043-01 11D3
MISC ALM CKT SELECTOR REPEATER SHELF CKTS		SD-32102-01 11F3
M CKT KEY, RNG FUSE AND FUSE ALM CKTS FOR REL RACKS MISC AL		SD-31974-01 11C3
MANENT SIG TIM/ MISC ALM CKT ALM CONTROL AND AISLE PILOTS AND PER		SD-32192-01 11J3
SWITCH TBL ALM FOR LINE AND TRUNK FINDERS		SD-32239-01 11G4

CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
TRK RELEASE CKT FOR ALM SENDER	SD-31993-01	A83
MISC ALM CKT ALM SENDER	SD-32193-01	1142
NO. / AUD AND VISUAL ALM AND ALM TR CKT FOR COMBINED TOLL AND SXS	SD-95075-01	1144
NO. / AUD AND VISUAL ALM AND ALM TR CKT FOR COMBINED TOLL AND SXS	SD-95063-01	11C4
TRK ALTERNATING RELAY CKT	SD-32063-01	2C4
OF CALLS TO POLICE, FIRE AND AMBULANCE LINES / CKT FOR COMPLETION	SD-96469-01	20D1
MISC CKT FOR ANGLE RELAY RACK BAYS	SD-32153-01	1683
. OR SEL LEV FOR USE WITH AN ANN MACH ANN SYS NO. 7A /CONN TERMS	SD-32202-01	7C2
LEV FOR USE WITH AN ANN MACH ANN SYS NO. 7A /CONN TERMS. OR SEL	SD-32202-01	7C2
TRK FINDERS ARR FOR MACHINE ANNOUNCEMENTS /NCPT TRK FOR USE WITH	SD-30990-01	7G3
FOREIGN AREA TRANSLATOR	SD-32357-01	27E5
R COMBINED TOLL AND SXS NO. / AUD AND VISUAL ALM AND ALM TR CKT FO	SD-95075-01	1144
R COMBINED TOLL AND SXS NO. / AUD AND VISUAL ALM AND ALM TR CKT FO	SD-95063-01	11C4
TRK CKT ONE WAY AUTO. ARR FOR DIAL BACK OPERATION	SD-30A49-01	1312
N AND EXT STA/ AUX LINE WITH AUTO. CUT-OFF FOR IND LINES WITH MAI	SD-9646A-01	19C3
/AY OPR OFF. TRK CKT ONE WAY AUTO. ONE WAY DIAL ONE DIGIT TOM OP/	SD-31A21-01	10B2
/AY OPR OFF. TRK CKT ONE WAY AUTO. ONE WAY DIAL ONE DIGIT TOM OP/	SD-31A20-01	10C2
/K CKT CX OR SX SUPV ONE WAY AUTO. ONE WAY DIALING ARR FOR DIAL/	SD-30A90-01	1313
/CH OFFICE SEL REPEATER WITH AUTO. RLS OF TRK ON PERM SIG ARR FO/	SD-30A72-01	15F1
ANCH OFFICE SEL REP CKT WITH AUTO. RLS OF TRK ON PERM SIGNALS BR	SD-31914-01	15B2
AUTO TRUNK TEST	SD-32315-01	23C2
AUTOMATIC TEST	SD-32365-01	27G3
TRK AUX CKT	SD-32032-01	21G1
T. AND GRD PULS OVER QUA/ TRK AUX CKT FOR USE WITH CKTS ARR FOR BA	SD-32032-01	21C3
LINE REL RK MTG	AUX COIN LINE FOR DIAL POST PAYMENT	SD-32146-01 1F2
AT END OF EACH CALL, LINE OR	AUX L CKTS FOR GRD ST ON RING / RTN	SD-95607-01 19G3
D OF EACH CALL, LINE OR AUX /	AUX LINE ARR TO APPLY COIN RTN AT EN	SD-95607-01 19G3
DELAYED CHARGE INTERVAL.	AUX LINE FOR OPERATING SUB REG WITH	SD-320A2-01 1F1
CONNECTOR	AUX LINE FOR USE WITH COIN CONTROL C	SD-32024-01 1G1
LINES WITH MAIN AND EXT STA/	AUX LINE WITH AUTO. CUT-OFF FOR IND	SD-9646A-01 19C3
	AUX TRK ARR TO RESTRICT SERVICE	SD-321A7-01 21C2
YING CUT THRU	AUX TRK CKT DIGIT ABSORBING FOR DELA	SD-320A4-01 21E2
YING CUT THRU	AUX TRK CKT DIGIT ABSORBING FOR DELA	SD-320A4-01 712
IN DEPOSITED AT DIAL PREPAY/	AUX TRK CKT FOR RETURNING INITIAL CO	SD-32025-01 2E4
ER ARR TO CUT THRU WHEN DIG/	AUX TRK FOR USE WITH SELECTOR REPEAT	SD-30A56-01 15F2
SERVICE CODE CALLS	AUX TRK LOOP PULSING ARR TO COMPLETE	SD-322A1-01 24C2

B

OGT CX PULSING CX SUPV TYPE B	SD-31795-01	6F3
OLL OFF. AB TOLL CX SIG TYPE "B"	2 WAY TRK CKT TO MAN. OR T	SD-31749-01 5H3
PT OF SUB LINE AND TRK/ TYPE "B"	EMER MAN. CKT FOR MAN OPR AND INC	SD-32093-01 1713
/TO TOLL INC SEL CX SIG TYPE "B"	OR SX SIG-CON. RNG AND RERING-C/	SD-31A47-01 6D2
FOR OFF. BYD TOM CX SIG TYPE "B"	PULS CORR ON INC CA / TOM OPR-	SD-31A23-01 5G4
WAY ILOC TRK CKT CX SIG TYPE "B"	PULSE CORRECTOR ON INC CALLS 2	SD-31A67-01 5F4
IG TOM OPR CX OR SX SIG TYPE "B"	T.B. SUPPLY /P. AND ILOC TRK ONE D	SD-31A45-01 10E2
2 WAY TRK CKT TYPE "B"	T.B. SUPPLY LOOP SIG	SD-31747-01 5C3
2 WAY TRK CKT TYPE "B"	T.B. SUPPLY SX OR CX CKT	SD-31775-01 513
ONG RANGE REV BAT. SUPV TYPE "B"	TO SUPPLY /EP BAT. AND GRD PULS L	SD-320A7-01 21F2
SPL SERV OPR COIN WITH RING BACK	OG 2W TRK CKT TO	SD-31752-01 6E2

SD-317A0-01-3 5

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
T ONE WAY AUTO. ARR FOR DIAL BACK OPERATION	TRK CK SD-30449-01	1312
NE WAY DIALING ARR FOR DIAL BACK OPR /R SX SUPV ONE WAY AUTO.	0 SD-30490-01	1313
CONN BANK MULT CKT	SD-32124-01	9C3
SELECTOR BANK MULTIPLE CKT	SD-32123-01	9D2
MISC BANK MULTIPLE CKT	SD-32129-01	9E2
ULS REV BAT. SUPV 2 REPS PER BASE /EP BAT. AND GRD PULS OR LOOP P	SD-31779-01	21B2
OUT. REP BAT. AND GRD PULS BAT. AND GRD SUPV	SD-31147-01	21J2
AT. / OUT. REP WITH REP COILS BAT. AND GRD PULS OR LOOP PULS REV B	SD-32004-01	21A2
AT. SUPV 2 REPS PE/ OUT. REP BAT. AND GRD PULS OR LOOP PULS REV B	SD-31779-01	21B2
OUT. REP PULSE CORRECTING BAT. AND GRD PULS REV BAT. SUPV	SD-31492-01	21G2
COIL TRANS 2 WAY ILDC TRK BAT. AND GRD PULS REV BAT SUPV REP C	SD-31442-01	5A3
OGT FOR CAMA CALLS BAT. AND GRD PULSING	SD-32240-01	13B2
OGT FOR CAMA CALLS BAT. AND GRD PULSING	SD-32199-01	13D2
PULSE TRAN/ 2 WAY REPEATER OG BAT. AND GRD PULSING LOOP SUPV INC P	SD-31674-01	5E4
REV / INC REP WITH REP COIL BAT. AND GRD PULSING OR LOOP PULSING	SD-32004-01	10F3
OUT. REP BAT. AND GRD PULS BAT. AND GRD SUPV	SD-31147-01	21J2
PREPAY COIN TRK ALM AND COIN BAT. FUSE ALM MISC ALM CKT	SD-31975-01	11B3
/WY OPR OFF. TRK HIGH-LOW REV BAT. OR E AND M LEAD SUPV WITH OR W/	SD-32190-01	12D2
PBX BAT. SUPPLY CKT	SD-90232-01	9B5
ECTING BAT. AND GRD PULS REV BAT. SUPV OUT. REP PULSE CORR	SD-31492-01	21G2
PULSING OR LOOP PULSING REV BAT. SUPV /ITH REP COIL BAT. AND GRD	SD-32004-01	10F3
ND GRD PULS OR LOOP PULS REV BAT. SUPV /REP WITH REP COILS BAT. A	SD-32004-01	21A2
OR LI/ INC REP LOOP PULS REV BAT. SUPV ARR TO RTN FLASHING SIG F	SD-30974-01	10D3
VE SEMI- SEL RNG TO CANC REV BAT. SUPV ON SPEC LEVELS /M PER LI	SD-31416-01	3H3
OC TRK BAT. AND GRD PULS REV BAT SUPV REP COIL TRANS 2 WAY IL	SD-31442-01	5A3
I- SEL RNG ARR TO CANCEL REV BAT. SUPV SPEC LEV /M. PER LINE SEM	SD-30977-01	312
T OF/ TOLL TRANS SEL CKT REV BAT. SUPV SX START OF RNG OR T NO. S	SD-31441-01	14F3
. AND GRD PULS LONG RANGE REV BAT. SUPV TYPE "B" TO SUPPLY /EP BAT	SD-32047-01	21F2
ND GRD PULS OR LOOP PULS REV BAT. SUPV 2 REPS PER BASE /EP BAT. A	SD-31779-01	21B2
SUPV TYPE "B" TO S/ OUT. REP BAT. AND GRD PULS LONG RANGE REV BAT.	SD-32047-01	21F2
/T FOR USE WITH CKTS ARR FOR BAT. AND GRD PULS OVER QUADDED CABLE/	SD-32032-01	21C3
TRK ONE DIG TDM OPR LOOP SIG BAT. GRD PULS TYPE "B" TB SUP / ILDC	SD-31446-01	10D2
TOLL AND SXS NO. 355A 44V ALM BAT. SUP /D ALM TR CKT FOR COMBINED	SD-95075-01	11A4
TOLL AND SXS NO. 355A 24V ALM BAT. SUP /D ALM TR CKT FOR COMBINED	SD-95063-01	11C4
NN ONE RNG ARR TO CANCEL REV BAT. SUPV ON SPEC LEVELS / ROT HTG CO	SD-30950-01	3D3
ISC CKT FOR ANGLE RELAY RACK BAYS	SD-32153-01	16E3
. ARR TO TRI/ OGT 2W TO TOLL HD FOR HOSPITAL FIRE AND POLICE SERV	SD-31440-01	6B2
ONT WITH OR W.O. DIG ABS AND BLK (A AND M ONLY) / OR W.O. COIN C	SD-31745-01	22D3
NO. ST OF RNG FOR DIG ABS BLKG /AT. SUPV SX START OF RNG OR T	SD-31441-01	14F3
ARR FOR DIGIT ABSORBING AND BLOCKING TOLL PRECEDING SELECTOR	SD-33001-01	22G3
ARR FOR DIGIT ABSORBING AND BLOCKING UNTIL A DIGIT IS ABSORBED	SD-31915-01	22H3
COIN BOX TRK TIMED RELEASE CKT	SD-31461-01	AC3
.TRK FOR AND PREPAYMENT COIN BOX TRKS /G RATE TRKS. AUX LINE CKTS	SD-31974-01	1113
OG TRKS FROM SEL MULT. COIN BOX TRKS SELS CONN AND REV CA /RKS.	SD-31454-01	16C1
INC FROM LOCAL OFF. OR COIN BOX TRUNKS / LINE FOR TESTING TRUNKS	SD-31642-01	16D2
RLS OF TRK ON PERM SIGNALS BRANCH OFFICE SEL REP CKT WITH AUTO.	SD-31914-01	15B2
. RLS OF TRK ON PERM SIG AR/ BRANCH OFFICE SEL REPEATER WITH AUTO	SD-30472-01	15F1
COMB. CONN 5 CODE FOR 5 PTY BRIDGED OR 10 PTY DIVIDED RNG TERM.	SD-30973-01	3F2
/ LOC CONN ROT HUNTING 5 PTY BRIDGED OR 5 CD TERM. PER LINE 10 P	SD-30957-01	3B3
10 PTY DIVIDED RNG OR 5 PTY BRIDGED RNG ARR FOR REV CALLS /LINE	SD-30956-01	3C2

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CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
10 PTY DIVIDED OR 10 PTY BRIDGED RNG TERM. PER LINE	L0C C0 SD-31920-01	3H1
ON PH OPEN WIRE LINES HAVING BRIDGED TOLL STATIONS /NG CKT FOR N	SD-95069-01	1212
NUMBER NETWORK AND PRIMARY BUS	SD-95A13-01	23E1
SECONDARY NETWORK AND BUS CONNECTOR	SD-95A14-01	23C1
FLASHING SIG FOR LINE OR TRK BUSY /LS REV BAT. SUPV ARR TO RTN	SD-30974-01	10D3
SWBD TRK TRANSFER AND MAKE BUSY CKT FOR REC COMPL TRKS TO TOLL	SD-30A93-01	20B4
MAKE BUSY CKT FOR TRK CKTS	SD-31225-01	9D4
T. REP MAKE BUSY FOR USE WITH SEL REPEATER OR DU	SD-30A55-01	15G2
LINE FINDER GRP BUSY INDICATING	SD-32097-01	1F3
EMERGENCY CALLS BUSY LINE CUT- IN CKT FOR COMPLETING	SD-3172A-01	3C4
WITHOUT ARRANGEMENT TO TEST BUSY WHILE LINE FOR HUNTS / WITH OR	SD-32067-01	11H4
CKT ONE DIG IDN OPR FOR OFF BYD TDM CX OR SX SIG / AND ILOC TRK	SD-31A44-01	5H4
/T ONE DIG TDM OPR-FOR OFF. BYD TDM CX SIG TYPE "B" PULS CORR O/	SD-31A23-01	5G4
IVE AND 4 OR/ DLL RELAYED OR BYPASSED RNG INDIV 2 OR 4 PTY SELECT	SD-96234-01	19D3

C

IG TYPE "B" PULS CORR ON INC CA / TDM OPR-FOR OFF. BYD TDM CX S	SD-31A23-01	5G4
N BOX TRKS SELS CONN AND REV CA /RKS. OG TRKS FROM SEL MULT. COI	SD-31A59-01	16C1
TO OPR ON SPEC NO. OF PERM/ CA PROT DEVICE CABLE INS ALM AND ARR	SD-31912-01	11F2
TRU/ TEST SET CKT LOCAL TEST CAB. NO.2 FOR TESTING SUB LINES AND	SD-96002-01	16E1
AT AND GRD PULS OVER QUADDED CABLE CONDUCTORS /TH CKTS ARR FOR B	SD-32032-01	21C3
NO. OF PERM/ CA PROT DEVICE CABLE INS ALM AND ARR TO OPR ON SPEC	SD-31912-01	11F2
/PLY COIN RTN AT END OF EACH CALL.LINE OR AUX L CKTS FOR GRD ST /	SD-95607-01	19G3
SEL OR SEMI-SEL. SRV AR/ REV CALL SEL A PTY SEMI-SEL AND/OR 4 PTY	SD-3097A-01	2J2
E RNG REVERTING CALL SELECTOR 4 PARTY SEMI- SELECTIV	SD-31A31-01	212
CONNECTORS SELECTORS AND REV CALL SELS TEST SET FOR	SD-31A59-01	16B1
"TOUCH-TONE" CALLING RECEIVING CKT	SD-9A14A-01	26C4
CKT FOR COMPLETING EMERGENCY CALLS BUSY LINE CUT- IN	SD-3172A-01	3C4
CTOR FOR COMPLETING A-B TOLL CALLS TOLL PRECEDING SELE	SD-31241-01	22F3
ARR TO COMPLETE SERVICE CODE CALLS AUX TRK LOOP PULSING	SD-322A1-01	24C2
NG TERM. PER STA ARR FOR REV CALLS / 5 CODE FOR 10 PTY DIVIDED R	SD-31A10-01	311
PTY BRIDGED RNG ARR FOR REV CALLS /LINE 10 PTY DIVIDED RNG OR 5	SD-30956-01	3C2
NG TERM. PER STA ARR FOR REV CALLS /ONN 200 PT MULTI-PTY AC-DC R	SD-33009-01	3E2
NG TERM. PER STA ARR FOR REV CALLS /ROT HTG MULTI- PARTY AC-DC R	SD-33006-01	3E3
E "B" PULSE CORRECTOR ON INC CALLS 2 WAY ILOC TRK CKT CX SIG TYP	SD-31A67-01	5F4
RNG TERM.PER STA ARR FOR REV CALLS / CONN 200 PT MULTI-PTY AC-DC	SD-33005-01	3G1
OGT FOR CAMA CALLS BAT. AND GRD PULSING	SD-32240-01	13B2
OGT FOR CAMA CALLS BAT. AND GRD PULSING	SD-32199-01	13D2
OGT FOR CAMA CALLS E AND M LEAD SIGNALING	SD-32241-01	13C2
/ING 2 FREQ OVER T AND R FOR CALLS FROM SWBD USING LOC OR TOLL T/	SD-322A9-01	25E2
SING 2 FREQ OVER T AND R FOR CALLS FROM SWBD USING TOLL TRAINS	SD-3229A-01	25G2
/Y TRK DIAL REPEATING ON OUT. CALLS LOOP RES 3000 OHMS OR LESS /WA	SD-31602-01	13F2
/ LINE CKT FOR COMPLETION OF CALLS TO POLICE, FIRE AND AMBULANCE /	SD-96469-01	20D1
2 FREQ OVER T AND R FOR OUT CALLS TO SWBD USING LOC TRAIN /SING	SD-322AA-01	25C2
/RMSV SEL FOR COMPL A-B TOLL CALLS WITH OR W.O. DIG ABS ON SPEC /	SD-31723-01	22E3
T FOR COMPLETING IT. DIALING CALLS WITH OR W.O. DIGIT ABSORBING	SD-316A1-01	14F4
OGT FOR CAMA CALLS BAT. AND GRD PULSING	SD-32240-01	13B2
OGT FOR CAMA CALLS BAT. AND GRD PULSING	SD-32199-01	13D2
OGT FOR CAMA CALLS E AND M LEAD SIGNALING	SD-32241-01	13C2

SD-317A0-01-A 7

CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
4 PER LINE SEMI- SEL RNG TO CANCEL REV BAT. SUPV ON SPEC LEVELS /	SD-31816-01	3H3
ER LINE SEMI- SEL RNG ARR TO CANCEL REV BAT. SUPV SPEC LEV /M. P	SD-30977-01	312
ROT HTG CONN ONE RNG ARR TO CANCEL REV BAT. SUPV ON SPEC LEVELS /	SD-30950-01	303
/ HUNTING 5 PTY BRIDGED OR 5 CD TERM. PER LINE 10 PTY DIVIDED R/	SD-30957-01	3B3
CPT OF SUB LINE AND TRK CKTS CD FIG.1 / . CKT FOR MAN. OPR AND IN	SD-32065-01	1A13
IN CONT SUPPLY CKT USING DRY CELLS	PWR CO SD-40634-01	4H3
DUAL CHANNEL RECEIVER CKT	SD-95956-01	20F4
DUAL CHANNEL RECEIVER CKT	SD-95956-01	25D1
ERATING SUB REG WITH DELAYED CHARGE INTERVAL	AUX LINE FOR OP SD-32042-01	1F1
. ARR TO TRIP MACH RING W.O. CHG / HOSPITAL FIRE AND POLICE SERV	SD-31A40-01	6B2
INTERRUPTER RELAY CIRCUIT	SD-31A6A-01	AB2
COMPENSATING TRK CKT	SD-31331-01	21G3
SWITCH TBL ALARM CKT	SD-31514-01	11G1
TEST JACK AND CONN TEST LINE CKT	SD-31A57-01	1A82
VACANT CODE TRK CKT	SD-31937-01	2H3
2WAY SLEEVE REPEATING CKT	SD-32062-01	7F4
COIN BOX TRK TIMED RELEASE CKT	SD-31A61-01	4C3
TRK ALTERNATING RELAY CKT	SD-32063-01	2C4
COMB CONN CKT	SD-31919-01	3E1
LINE LOAD CONTROL CKT	SD-32069-01	1A34
EXTENSION ALM CKT	SD-95484-01	1114
DUAL CHANNEL RECEIVER CKT	SD-95956-01	20F4
DUAL CHANNEL RECEIVER CKT	SD-95956-01	25D1
CONVERTER FINDER CKT	SD-3302A-01	26C2
DIAL PULSE CONVERTER CKT	SD-3232A-01	26C3
CONVERTER TEST CKT	SD-32329-01	26D3
CONVERTER TRUNK CKT	SD-32326-01	26F3
MISCELLANEOUS CKT	SD-32360-01	27H3
ALARM CKT	SD-32361-01	27I3
JACK, KEY AND LAMP CKT	SD-32359-01	27C4
KS-15947-01 TOTALIZER CKT	SD-95965-01	20J4
TRK AUX CKT	SD-32032-01	21G1
DIAL TONE SPEED REGISTER CKT	SD-96403-01	4F3
10 IPM INTERRUPTER CKT	SD-96343-01	414
SELECTOR BANK MULTIPLE CKT	SD-32123-01	9D2
MISC BANK MULTIPLE CKT	SD-32129-01	9E2
CONN BANK MULT CKT	SD-3212A-01	9C3
PBX BAT. SUPPLY CKT	SD-90232-01	9B5
"HIGH-TONE" CALLING RECEIVING CKT	"T SD-9A14A-01	2A4
FLOW TRK OR VACANT LEVEL TRK CKT	OVER SD-31A72-01	2F3
AND LAMP AND PLANT REGISTER CKT	JACK, KEY SD-32333-01	2A82
TYPE "B" T.B. SUPPLY SX OR CX CKT	2 WAY TRK CKT T SD-31775-01	513
OPR ON SPEC LE/ DISTRIBUTOR CKT FOR VERIF SR/ ARR FOR ONE DIGIT	SD-31A51-01	3C3
OTS AND PERMANENT SIG TIMING CKT /M CKT ALM CONTROL AND AISLE PIL	SD-32192-01	11J3
TONE INTERRUPTER CKT ADDITIONAL CLASS OF SERVICE	SD-31A25-01	AD2
PERMANENT SIG TIM/ MISC ALM CKT ALM CONTROL AND AISLE PILOTS AND	SD-32192-01	11J3
MISC ALM CKT ALM SENDER	SD-32193-01	11A2
MISC ALM CKT CONN SHELF CKTS	SD-32045-01	11H3
MISC CKT CONVERTER AND CONVERTER TRUNK FR	SD-32331-01	2A81
WAY DIALING/ 2WY OPR OFF. TRK CKT CX OR SX SUPV ONE WAY AUTO. ONE	SD-30A90-01	1313

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
ON INC CALLS 2 WAY 1100 TRK CKT CX SIG TYPE "B" PULSE CORRECTOR	SD-31467-01	5F4
THRU AUX TRK CKT DIGIT ABSORBING FOR DELAYING CUT	SD-32044-01	21E2
THRU AUX TRK CKT DIGIT ABSORBING FOR DELAYING CUT	SD-32044-01	712
INC TRK CKT E. M AND N OR E AND M LEAD SUPV	SD-31726-01	12B2
TRK RELEASE CKT FOR ALM SENDER	SD-31993-01	4B3
MISC CKT FOR ANGLE RELAY RACK BAYS	SD-32153-01	16E3
/D AND VISUAL ALM AND ALM TR CKT FOR COMBINED TOLL AND SXS NO.35/	SD-95075-01	11A4
/D AND VISUAL ALM AND ALM TR CKT FOR COMBINED TOLL AND SXS NO.35/	SD-95063-01	11C4
BUSY LINE CUT- IN CKT FOR COMPLETING EMERGENCY CALLS	SD-31724-01	3C4
WITH OR W.O/ TOLL TRMSN SEL CKT FOR COMPLETING IT. DIALING CALLS	SD-31641-01	14F4
E.FIRE AND AMBULA/ EMER LINE CKT FOR COMPLETION OF CALLS TO POLIC	SD-96469-01	20D1
NE AND T/ TYPE "A" EMER MAN. CKT FOR MAN. OPR AND INCPT OF SUB LI	SD-32065-01	1A13
TRK FOR AND PREPAY/ MISC ALM CKT FOR MSG RATE TRKS. AUX LINE CKTS.	SD-31974-01	1113
G / REP COIL AND SX DERIVING CKT FOR NON PH OPEN WIRE LINES HAVIN	SD-95069-01	1212
LINE CKT FOR PUBLIC EMER REPORTING	SD-95473-01	20F3
REP TEST CKT FOR RAPID OPERATION TEST OF OUT.	SD-31725-01	16C5
TRK TRANSFER AND MAKE BUSY CKT FOR REC COMPL TRKS TO TOLL SWBD	SD-30493-01	20B4
LINE LOAD CONTROL CKT FOR REMOTE CONTROL	SD-32104-01	1613
SIS LINE OR TRK TRANSFER CKT FOR RESTORING SERV ON AN EMER BA	SD-95690-01	20H5
ITED AT DIAL PREPAY/ AUX TRK CKT FOR RETURNING INITIAL COIN DEPOS	SD-32025-01	2E4
ESELECTI/ ROTARY OUT. TRK SW CKT FOR TDM OPERATION NOT ARR FOR PR	SD-31990-01	10H2
RNG START SIG TIMED RINGING CKT FOR TOLL TRANS SEL ARR FOR 20 CY	SD-32196-01	20J1
REL / MISC ALM CKT REGISTER CKT FOR TRAFFIC REGISTERS LOCATED ON	SD-31976-01	11G3
MAKE BUSY CKT FOR TRK CKTS	SD-31225-01	9D4
MISC ALM CKT FOR TRUNK AND MISC SHELVES	SD-32044-01	11E3
D GRD PULS OVER QUA/ TRK AUX CKT FOR USE WITH CKTS ARR FOR BAT. AN	SD-32032-01	21C3
INCPT TRK CKT FROM COIN MULT	SD-31337-01	7D2
SEL. MULT INCPT TRK CKT FROM LOCAL OR A-B TOLL PRECEDING	SD-31767-01	7E2
COIL INC TRK CKT FROM MAN. OR TOLL OFF. WITH REP	SD-31456-01	12F2
INCPT TRK CKT FROM MULTI-PTY TPL COIN MULT	SD-31995-01	7H2
INCPT TRK CKT FROM TOLL SEL MULT	SD-32163-01	7G2
MISC CKT IDENTIFIER FR	SD-95419-01	23G3
FOR REL RACKS MISC ALM CKT KEY. RNG FUSE AND FUSE ALM CKTS	SD-31974-01	11C3
SUB LINES AND TRU/ TEST SET CKT LOCAL TEST CAB. NO.2 FOR TESTING	SD-96002-01	16E1
SIGNAL CKT NO-SUCH NUMBER TONE SUPPLY	SD-96357-01	4E3
MISC CKT NUMBER NETWORK FR	SD-95425-01	23C5
M CX SIG TY/ 2WY OPR OFF. TRK CKT ONE DIG TDM OPR-FOR OFF. BYD TD	SD-31423-01	5G4
/ COMB. OPR OFF. AND 1100 TRK CKT ONE DIG TDM OPR FOR OFF BYD TDM/	SD-31444-01	5H4
BEYOND TD/ 2 WAY OPR OFF TRK CKT ONE DIGIT TDM OPERATION FOR OFF	SD-31422-01	5D3
/R OFFICE AND INTERLOCAL TRK CKT ONE DIGIT TDM OPERATION LOOP SI/	SD-31477-01	5E3
SIG 2 WAY TDM TRK CKT ONE DIGIT TDM OPERATION RINGDOWN	SD-31474-01	10G2
COIN COIN CKT ONE RING	SD-33022-01	9B2
OPERATION TRK CKT ONE WAY AUTO. ARR FOR DIAL BACK	SD-30449-01	1312
IGIT TDM/ 2 WAY OPR OFF. TRK CKT ONE WAY AUTO. ONE WAY DIAL ONE D	SD-31421-01	10B2
IGIT TDM/ 2 WAY OPR OFF. TRK CKT ONE WAY AUTO. ONE WAY DIAL ONE D	SD-31420-01	10C2
MISC CKT OUTPUTSER FR	SD-95420-01	23D4
MISC CKT OUTPUTSER IDENTIFIER TRK TEST FR	SD-95422-01	23G4
. FUSE ALM MISC ALM CKT PREPAY COIN TRK ALM AND COIN BAT	SD-31975-01	11B3
RS LOCATED ON REL / MISC ALM CKT REGISTER CKT FOR TRAFFIC REGISTE	SD-31976-01	11G3
T NO. ST OF/ TOLL TRANS SEL CKT REV BAT. SUPV SX START OF RNG OR	SD-31441-01	14F3

SD-31740-01-A 9

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CIRCUIT TITLE		DRAWING NO.	BLK LOC
	MISC CKT SECONDARY NETWORK FR	SD-95A1A-01	23F4
	MISC ALM CKT SEL SHELF CKTS	SD-32043-01	11D3
	MISC ALM CKT SELECTOR REPEATER SHELF CKTS	SD-32102-01	11F3
	MISC CKT TBL TICKETER FR	SD-95A23-01	23G2
SIG TYPE "B"	2 WAY TRK CKT TO MAN. OR TOLL OFF. AB TOLL CX	SD-31749-01	5H3
ACK	OG 2W TRK CKT TO SPL SERV OPR COIN WITH RING B	SD-31752-01	6E2
NGBACK	OG 2W TRK CKT TO SPL SERV OPR NON-COIN WITH RI	SD-31753-01	6I3
R SX SIG	INC TRK CKT TO TOLL INC SEL CX SIG TYPE "B" 0	SD-31A65-01	6H2
OR SX SIG-CONT RNG /	INC TRK CKT TO TOLL INC SEL CX SIG TYPE "B"	SD-31A97-01	6D2
	MISC CKT TRUNK FR	SD-3224A-01	23I2
	2 WAY TRK CKT TYPE "A" T.B. SUPPLY LOOP SIG	SD-31A74-01	5B3
	2 WAY TRK CKT TYPE "B" T.B. SUPPLY LOOP SIG	SD-31747-01	5C3
T	2 WAY TRK CKT TYPE "B" T.B. SUPPLY SX OR CX CK	SD-31775-01	5I3
	PWR COIN CONT SUPPLY CKT USING DRY CELLS	SD-A0634-01	4H3
GNALS	BRANCH OFFICE SEL REP CKT WITH AUTO. RLS OF TRK ON PERM SI	SD-31914-01	15B2
	LINE CKT WITH LOCKOUT	SD-32216-01	1C2
	LINE CKT WITHOUT LOCKOUT	SD-32133-01	1C2
	TRK FINDER CKT 22 POINT	SD-31793-01	7E3
	MAKE BUSY CKT FOR TRK CKTS	SD-31225-01	9D4
	MISC ALM CKT SEL SHELF CKTS	SD-32043-01	11D3
	MISC ALM CKT CONN SHELF CKTS	SD-32045-01	11H3
	CKT SELECTOR REPEATER SHELF CKTS	MISC ALM SD-32102-01	11F3
UA/	TRK AUX CKT FOR USE WITH CKTS ARR FOR BAT. AND GRD PULS OVER Q	SD-32032-01	21C3
ND	INCPY OF SUB LINE AND TRK CKTS CD FIG. 1 / CKT FOR MAN. OPR A	SD-32065-01	1A13
ND	INCPY OF SUB LINE AND TRK CKTS (CORD) FIG. 10 / T FOR MAN OPR A	SD-32093-01	17I3
D	OF EACH CALL. LINE OR AUX L CKTS FOR GRD ST ON RING / RTN AT EN	SD-95607-01	19G3
T	KEY. RNG FUSE AND FUSE ALM CKTS FOR REL RACKS	MISC ALM CK SD-31974-01	11C3
	TRUNK CLASS CONNECTOR	SD-32366-01	27D3
E	INTERRUPTER CKT ADDITIONAL CLASS OF SERVICE	TON SD-31A25-01	AD2
L	TRK HIGH LOW SUPV COIN AND CLASS OF SERVICE TONE	SUB REC COMP SD-32168-01	6F2
PV	NON- COIN W.O. RECALL WITH CLASS OF SERVICE TONE /HIGH- LOW SU	SD-31925-01	6C2
N-	COIN TO RECALL SUB AND FOR CLASS OF SRV TONE /HIGH-LOW SUPV NO	SD-32136-01	6I2
SING	ARR TO COMPLETE SERVICE CODE CALLS	AUX TRK LOOP PUL SD-32291-01	24C2
R	STA ARR FOR RE/ LOC CONN 5 CODE FOR 10 PTY DIVIDED RNG TERM. PE	SD-31A10-01	3I1
IDED	RNG TERM. / COMB. CONN 5 CODE FOR 5 PTY BRIDGED OR 10 PTY DIV	SD-30973-01	3F2
RINGDOWN	OUT. DIAL SELECTED CODE RINGING 2 WAY LINE OR TRK INC	SD-31983-01	10F2
OR	REPEATEDLY + TO RST SRV/ CODE SEL ARR TO ABS DIG. ONCE ONLY +	SD-95A9A-01	24E3
EDLY	+ TO RESTRICT SRV UNTI/ CODE SEL ARR TO ABSORB DIGITS REPEAT	SD-33027-01	24G3
	SERVICE CODE SELECTOR	SD-32077-01	2D3
NG	OR 5 PTY BRID/ LOC CONN 5 CODE TERM. PER LINE 10 PTY DIVIDED R	SD-30956-01	3C2
	VACANT CODE TRK CKT	SD-31937-01	2H3
M	MAN. OR TOLL OFF. WITH REP COIL	INC TRK CKT FRD SD-31A56-01	12F2
OPEN	WIRE LINES HAVING / REP COIL AND SX DERIVING CKT FOR NON PH	SD-95069-01	12I2
USING	REV / INC REP WITH REP COIL BAT. AND GRD PULSING OR LOOP PU	SD-3200A-01	10F3
W.O.	DIG ABS ON SPEC LEV REP COIL COIN CONT /TOLL CALLS WITH OR	SD-31723-01	22E3
INC	PULSE CORRECTING TRK REP COIL TRANS.	SD-31929-01	13G2
UT.	PULSE CORRECTING TRK REP COIL TRANS.	0 SD-31929-01	13H2
ND	GRD PULS REV BAT SUPV REP COIL TRANS	2 WAY ILDC TRK BAT. A SD-31A42-01	5A3
REV	BAT. / OUT. REP WITH REP COILS BAT. AND GRD PULS OR LOOP PULS	SD-3200A-01	21A2
ONT	RNG AND RERING-CN OR NON COIN /L CX SIG TYPE "B" OR SX SIG-C	SD-31A97-01	6D2

SD-317A0-01-310

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
REC COMPL TRK HIGH LOW SUPV COIN AND CLASS OF SERVICE TONE	SUB SD-3216A-01	6F2
MULTI-PARTY LINES WITH BOTH COIN AND NON-COIN STATIONS	SD-31A95-01	1G4
CKT PREPAY COIN TRK ALM AND COIN BAT. FUSE ALM	MISC ALM SD-31975-01	11B3
COIN BOX TRK TIMED RELEASE CKT	SD-31A61-01	AC3
CKTS. TRK FOR AND PREPAYMENT COIN BOX TRKS /G RATE TRKS. AUX LINE	SD-3197A-01	1113
TRKS. OG TRKS FROM SEL MULT. COIN BOX TRKS SELS CONV AND REV CA	SD-31A5A-01	16C1
RUNKS INC FROM LOCAL OFF. OR COIN BOX TRUNKS / LINE FOR TESTING T	SD-31642-01	16D2
COIN CONV CKT ONE RING	SD-33022-01	9B2
DIG ABS ON SPEC LEV REP COIL COIN CONT /TOLL CALLS WITH OR W.O.	SD-31723-01	22E3
TART SIG WITH RERING OR W.O. COIN CONT /WET DRY SUPV 20 CY RNG S	SD-31703-01	14E3
DISPOSAL LINE NO. METHOD COIN CONT CONV DIAL CONTROLLED COIN	SD-32061-01	AG2
COIN CONT WITH COIN CONTRA/ COIN CONT CONV LINE NUMBER METHOD OF	SD-31A53-01	AH2
PWR COIN CONT SUPPLY CKT USING DRY CELLS	SD-80634-01	AH3
D R FOR OUT CALLS TO SWBD US/ COIN CONT TRK USING 2 FREQ OVER T AN	SD-322AA-01	25C2
D R FOR CALLS FROM SWBD US/ COIN CONT TRK USING 2 FREQ OVER T AN	SD-322A9-01	25E2
D R FOR CALLS FROM SWBD US/ COIN CONT TRK USING 2 FREQ OVER T AN	SD-3229A-01	25G2
T CONV LINE NUMBER METHOD OF COIN CONT WITH COIN CONTROL TRK /CON	SD-31A53-01	AH2
TOLL TRMSEN SEL WITH OR W.O. COIN CONT WITH OR W.O. DIG ABS AND B	SD-31745-01	22D3
TRK COIN CONTROL	SD-95031-01	22B2
AUX LINE FOR USE WITH COIN CONTROL CONNECTOR	SD-32024-01	1G1
COIN CONTROL SELECTOR	SD-31A53-01	2242
BER METHOD OF COIN CONT WITH COIN CONTROL TRK /CONT CONV LINE NUM	SD-31A53-01	AH2
/K CKT FOR RETURNING INITIAL COIN DEPOSITED AT DIAL PREPAYMENT C/	SD-32025-01	2E4
IN CONT CONV DIAL CONTROLLED COIN DISPOSAL LINE NO. METHOD CO	SD-32061-01	AG2
REPAYMENT COIN LINES ARR FOR COIN FIRST OR DT FIRST OPR /SE ON P	SD-32053-01	1D1
REL RK HTG AUX COIN LINE FOR DIAL POST PAYMENT LINE	SD-32146-01	1F2
/ LINE FOR USE ON PREPAYMENT COIN LINES ARR FOR COIN FIRST OR DT/	SD-32053-01	1D1
K CX OR SX SIG WITH RINGBACK COIN OR NON-COIN REC COMPL TR	SD-32042-01	6H3
AUX / AUX LINE ARR TO APPLY COIN RTN AT END OF EACH CALL. LINE OR	SD-95607-01	19G3
DEPOSITED AT DIAL PREPAYMENT COIN STATION /TURNING INITIAL COIN	SD-32025-01	2E4
INES WITH BOTH COIN AND NON-COIN STATIONS MULTI-PARTY L	SD-31A95-01	1G4
UNK DIAL POSTPAYMENT SERVICE COIN STATIONS ONLY COIN TR	SD-31732-01	1F4
MISC ALM CKT PREPAY COIN TRK ALM AND COIN BAT. FUSE ALM	SD-31975-01	11B3
COIN STATIONS ONLY COIN TRK DIAL POSTPAYMENT SERVICE	SD-32146-01	1E4
COIN TRUNK DIAL POSTPAYMENT SERVICE	SD-31732-01	1F4
COIN TRUNK DIAL PREPAYMENT SERVICE	SD-31592-02	1H4
G 2W TRK CKT TO SPL SERV OPR COIN WITH RING BACK O	SD-31752-01	6E2
/MPL TRK HIGH- LOW SUPV NON-COIN W.O. RECALL WITH CLASS OF SERVI/	SD-31925-01	6C2
COMB CONV CKT	SD-31919-01	3E1
COMB. CONV ONE RING	SD-31739-01	3D2
COMB CONV TWO RING	SD-31A33-01	3C1
G TERM. PER STA ARR FOR REV/ COMB. CONV 200 PT MULTI-PTY AC-DC RV	SD-33009-01	3E2
TERM. PER STA COMB. CONV 200 PT MULTI-PTY SUP RNG	SD-33010-01	3F1
OR 10 PTY DIVIDED RNG TERM. / COMB. CONV 5 CODE FOR 5 PTY BRIDGED	SD-30973-01	3F2
BR LINE COMB. CONV A PTY SEMI-SEL RNG TERM. P	SD-31A15-01	3D1
IG TD4 OPR FOR OFF BYD / 2WY COMB. OPR OFF. AND ILOC TRK CKT ONE D	SD-31A84-01	5H4
CEL. REV BAT. SUPV ON SPEC LE/ COMB ROT HTG CONV ONE RNG ARR TO CAN	SD-30950-01	3D3
INE SEMI- SEL RNG TO CANG R/ COMB. ROT HTG CONV A PTY TERM PER L	SD-31A16-01	3H3
DM OPR CX OR SX SIG TYP/ 2WY COMB. OPR OFF. AND ILOC TRK ONE DIG T	SD-31A85-01	10E2
M OPR LOOP SIG BAT. GRD / 2WY COMB. OPR OFF. AND ILOC TRK ONE DIG TD	SD-31A86-01	10D2

SD-317A0-01-311

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
COMPENSATING TRK CKT	SD-31331-01	21G3
COMPENSATING TRUNK	SD-31331-01	22G4
G ABS ON/ TOLL TRMSN SEL FOR COMPL A-B TOLL CALLS WITH OR W.O. DI	SD-31723-01	22E3
SUB REC COMPL TRK	SD-32300-01	25H2
COIN OR NON-COIN REC COMPL TRK CX OR SX SIG WITH RINGBACK	SD-32042-01	6H3
ACK NON-COIN REC COMPL TRK CX OR SX SIG WITHOUT RINGB	SD-31444-01	6H3
SS OF SERVICE TONE SUB REC COMPL TRK HIGH LOW SUPV COIN AND CLA	SD-32164-01	6F2
RECALL SUB AND FOR / SUB REC COMPL TRK HIGH-LOW SUPV NON-COIN TO	SD-32136-01	6I2
.O.RECALL WI/ OGT OR SUB REC COMPL TRK HIGH- LOW SUPV NON- COIN W	SD-31925-01	6C2
0IN BOX T/ T SET FOR SUB REC COMPL TRKS. OG TRKS FROM SEL MULT. C	SD-31454-01	16C1
ER AND MAKE BUSY CKT FOR REC COMPL TRKS TO TOLL SWBD TRK TRANSF	SD-30493-01	20B4
TOLL PRECEDING SELECTOR FOR COMPLETING A-B TOLL CALLS	SD-31241-01	22F3
BUSY LINE CUT- IN CKT FOR COMPLETING EMERGENCY CALLS	SD-31724-01	3C4
W.O/ TOLL TRMSN SEL CKT FOR COMPLETING IT. DIALING CALLS WITH OR	SD-31641-01	14F4
ND AMBULA/ EMER LINE CKT FOR COMPLETION OF CALLS TO POLICE, FIRE A	SD-96469-01	20D1
GRD PULS OVER QUADDED CABLE CONDUCTORS /TH CKTS ARR FOR BAT. AND	SD-32032-01	21C3
TRANSLATOR COIN DECODER COIN	SD-32354-01	27D4
SEL MULT. COIN BOX TRKS SELS COIN AND REV CA /RKS. OG TRKS FROM	SD-31454-01	16C1
COIN BANK MULT CKT	SD-32124-01	9C3
COIN COIN CKT	SD-31919-01	3E1
COIN COIN CKT ONE RING	SD-33022-01	9B2
TRANSLATOR COIN DECODER COIN	SD-32354-01	27D4
LINE NO. METHOD COIN CONT COIN DIAL CONTROLLED COIN DISPOSAL L	SD-32061-01	4G2
2 TERMINAL PER LINE SE/ TEST COIN FOR USE WITH MULTI- PTY ONE OR	SD-31773-01	4C2
WITH COIN CONTR/ COIN CONT COIN LINE NUMBER METHOD OF COIN CONT	SD-31453-01	4H2
INOPT TRK CKT FROM COIN MULT	SD-31337-01	7D2
T TRK CKT FROM MULTI-PTY TPL COIN MULT INCP	SD-31995-01	7H2
LOCAL COIN ONE RING	SD-31737-01	3A1
COIN. COIN ONE RING	SD-31739-01	3D2
UPV ON SPEC LE/ COIN ROT HTG COIN ONE RING ARR TO CANCEL REV BAT. S	SD-30950-01	3D3
CD TERM. PER LINE 10 P/ LOC COIN ROT HUNTING 5 PTY BRIDGED OR 5	SD-30957-01	3B3
LOC COIN ROTARY HUNTING	SD-31734-01	3G2
LOCAL COIN (SEE NOTE 1)	SD-31941-01	3A3
MISC ALM CKT COIN SHELF CKTS	SD-32045-01	11H3
TEST COIN TERM. PER STA	SD-30243-01	4D2
AN ANN MACH / INOPT TRK FROM COIN TERMS. OR SEL LEV FOR USE WITH	SD-32202-01	7C2
TEST JACK AND COIN TEST LINE CKT	SD-31457-01	16B2
COIN COIN TWO RING	SD-31433-01	3C1
LOCAL COIN TWO RING	SD-31432-01	3A2
ED RNG TERM. PER LINE LOC COIN 10 PTY DIVIDED OR 10 PTY BRIDG	SD-31920-01	3B1
TEST COIN 200 POINT	SD-33011-01	3A4
. PER STA LOC COIN 200 PT MULTI-PARTY SUP RNG TERM	SD-33007-01	3F3
. PER STA ARR FOR REV CA/ LOC COIN 200 PT MULTI-PTY AC-DC RNG TERM	SD-33005-01	3G1
. PER STA ARR FOR REV/ COIN. COIN 200 PT MULTI-PTY AC-DC RNG TERM	SD-33009-01	3E2
PER STA COIN. COIN 200 PT MULTI-PTY SUP RNG TERM.	SD-33010-01	3F1
DC RNG TERM. PER STA AR/ LOC COIN 200 PT ROT HTG MULTI- PARTY AC-	SD-33006-01	3E3
RNG TERM. PER STA LOC COIN 200 PT ROT HTG MULTI-PARTY SUP	SD-33004-01	3H2
ERM. PER STA ARR FOR RE/ LOC COIN 5 CODE FOR 10 PTY DIVIDED RNG T	SD-31410-01	3I1
PTY DIVIDED RNG TERM. / COIN. COIN 5 CODE FOR 5 PTY BRIDGED OR 10	SD-30973-01	3F2
VIDED RNG OR 5 PTY BRID/ LOC COIN 5 CODE TERM. PER LINE 10 PTY DI	SD-30956-01	3C2

SD-31740-01-312

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
NE	LDC CONN A PTY SEMI-SEL RNG TERM. PER LI	SD-30979-01 3B2
E	COMB. CONN A PTY SEMI-SEL RNG TERM. PER LIN	SD-31A15-01 3D1
	LDC CONN A PTY SEMI-SEL RNG TERM. PER STA	SD-31A05-01 3H1
	RNG TO CANC R/ COMB. ROT HTG CONN A PTY TERM PER LINE SEMI- SEL	SD-31A16-01 3H3
	RNG ARR TO CANCE/ LDC ROT HTG CONN APTY TERM. PER LINE SEMI- SEL R	SD-30977-01 312
	TRUNK CLASS CONNECTOR	SD-32366-01 27D3
	SECONDARY NETWORK AND BUS CONNECTOR	SD-95A14-01 23C1
	OUTPUTSER CONNECTOR	SD-95A90-01 23E2
	NE FOR USE WITH COIN CONTROL CONNECTOR	AUX LI SD-32024-01 1G1
LS	TEST SET FOR CONNECTORS SELECTORS AND REV CALL SE	SD-31A59-01 16B1
	BS ON SPEC LEV REP COIL COIN CONT /TOLL CALLS WITH OR W.O. DIG A	SD-31723-01 22E3
	SIG WITH RERING OR W.O. COIN CONT /WET DRY SUPV 20 CY RNG START	SD-31703-01 14E3
	SAL LINE NO. METHOD COIN CONT CONN DIAL CONTROLLED COIN DISPO	SD-32061-01 AG2
	CONT WITH COIN CONTROL/ COIN CONT CONN LINE NUMBER METHOD OF COIN	SD-31A53-01 AH2
	PWR COIN CONT SUPPLY CKT USING DRY CELLS	SD-40634-01 AH3
	OR OUT CALLS TO SWBD U/ COIN CONT TRK USING 2 FREQ OVER T AND R F	SD-32244-01 25C2
	OR CALLS FROM SWBD USI/ COIN CONT TRK USING 2 FREQ OVER T AND R F	SD-32249-01 25E2
	OR CALLS FROM SWBD USI/ COIN CONT TRK USING 2 FREQ OVER T AND R F	SD-32294-01 25G2
	N LINE NUMBER METHOD OF COIN CONT WITH COIN CONTROL TRK /CONT CON	SD-31A53-01 AH2
	/TRMSN SEL WITH OR W.O. COIN CONT WITH OR W.O. DIG ABS AND BLK (/	SD-31745-01 22D3
	AL OR TOLL TRAIN FOR RNG AND CONTINUITY TEST LINE FOR TESTING LDC	SD-31932-01 16C2
	TEST DISTRIBUTOR CONTROL	SD-31349-01 4G2
	TRK COIN CONTROL	SD-95031-01 22B2
	OBSERVING ENTRY CONTROL	SD-32247-01 23D1
	LOAD CONTROL CKT FOR REMOTE CONTROL	LINE SD-32104-01 1613
	NT SIG TIM/ MISC ALM CKT ALM CONTROL AND AISLE PILOTS AND PERMANE	SD-32192-01 11J3
	LINE LOAD CONTROL CKT	SD-32069-01 16J4
	LINE LOAD CONTROL CKT FOR REMOTE CONTROL	SD-32104-01 1613
	AUX LINE FOR USE WITH COIN CONTROL CONNECTOR	SD-32024-01 1G1
	COIN CONTROL SELECTOR	SD-31A53-01 22A2
	ETHOD OF COIN CONT WITH COIN CONTROL TRK /CONT CONN LINE NUMBER M	SD-31A53-01 AH2
	THOD COIN CONT CONN DIAL CONTROLLED COIN DISPOSAL LINE NO. ME	SD-32061-01 AG2
	ORIG REGISTER OUTPUTSING CONTROLLER	SD-32351-01 27E3
	"TOUCH-TONE" CONVERTER	SD-32352-01 27E2
	MISC CKT CONVERTER AND CONVERTER TRUNK FRAMES	SD-32331-01 26E1
	DIAL PULSE CONVERTER CKT	SD-32324-01 26C3
	CONVERTER FINDER CKT	SD-33024-01 26C2
	CONVERTER TEST CKT	SD-32329-01 26D3
	CONVERTER TEST SET	SD-32330-01 26D2
	CONVERTER TRUNK CKT	SD-32326-01 26F3
	MISC CKT CONVERTER AND CONVERTER TRUNK FRAMES	SD-32331-01 26E1
	CPT OF SUB LINE AND TRK CKTS (CORD) FIG. 10 /T FOR MAX OPR AND IN	SD-32093-01 1713
	BYD TOM CX SIG TYPE "B" PULS CORR ON INC CA / TOM OPR-FOR OFF.	SD-31A23-01 5G4
	INC REPEATER PULSE CORRECTING	SD-32144-01 10E3
	OUT. REPEATER PULSE CORRECTING	SD-32144-01 2112
	UNDED OR LOW INS MET L PULSE CORRECTING AND DELAYED RNG /ITH GRD	SD-31A44-01 1E1
	SUPV OUT. REP PULSE CORRECTING BAT. AND GRD PULS REV BAT	SD-31A92-01 21G2
	INC PULSE CORRECTING TRK REP COIL TRANS.	SD-31929-01 13G2
	OUT. PULSE CORRECTING TRK REP COIL TRANS.	SD-31929-01 13H2
	RK CKT CX SIG TYPE "B" PULS CORRECTOR ON INC CALLS 2 WAY ILOC T	SD-31A67-01 5F4

SD-31740-01-413

CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
PULSE GENERATOR AND COUNTING	SD-32310-01	20F2
LEADS FOR SUPPLYING RINGING CURRENT TO PAX AND STA EQPTS RINGING CALLS	SD-95667-01	AF2
BUSY LINE CUT- IN CKT FOR COMPLETING EMERGENCY	SD-31728-01	3C4
EXT STA/ AUX LINE WITH AUTO. CUT-OFF FOR IND LINES WITH MAIN AND	SD-96464-01	19C3
DIGIT ABSORBING FOR DELAYING CUT THRU	AUX TRK CKT SD-32044-01	21E2
DIGIT ABSORBING FOR DELAYING CUT THRU	AUX TRK CKT SD-32044-01	712
/TH SELECTOR REPEATER ARR TO CUT THRU WHEN DIGITS 1 OR 11 ARE DI/	SD-30856-01	15F2
T TYPE "B" T.B. SUPPLY SX OR CX CKT	2 WAY TRK CK SD-31775-01	513
DIG TDM OPR FOR OFF BYD TDM CX OR SX SIG / AND IL0C TRK CKT ONE	SD-31884-01	5H4
AND IL0C TRK ONE DIG TDM OPR CX OR SX SIG TYPE "B"TB SUPPLY /F.	SD-31885-01	10E2
ON-COIN REC COMPL TRK CX OR SX SIG WITH RINGBACK COIN OR N	SD-32042-01	6H3
IN REC COMPL TRK CX OR SX SIG WITHOUT RINGBACK NON-CO	SD-31888-01	6H3
DIALING/ 2WY OPR OFF TRK CKT CX OR SX SUPV ONE WAY AUTO. ONE WAY	SD-30490-01	1313
OGT CX PULSING CX SUPV TYPE B	SD-31795-01	6F3
E WAY DIAL ONE DIGIT TDM OPR CX SIG /FF. TRK CKT ONE WAY AUTO. ON	SD-31821-01	10B2
TO MAN. OR TOLL OFF. AB TOLL CX SIG TYPE "B"	2 WAY TRK CKT SD-31749-01	5H3
INC TRK CKT TO TOLL INC SEL CX SIG TYPE "B" OR SX SIG	SD-31865-01	6H2
INC TRK CKT TO TOLL INC SEL CX SIG TYPE "B" OR SX SIG-CONT RNG A	SD-31887-01	6D2
/G TDM OPR-FOR OFF. BYD TDM CX SIG TYPE "B" PULS CORR ON INC CA/	SD-31823-01	5G4
NC CALLS 2 WAY IL0C TRK CKT CX SIG TYPE "B" PULSE CORRECTOR ON I	SD-31867-01	5F4
OGT CX PULSING CX SUPV TYPE B	SD-31795-01	6F3
OR TOLL TRANS SEL ARR FOR 20 CY RNG START SIG TIMED RINGING CKT F	SD-32196-01	20J1
/M TOLL SWBD WET DRY SUPV 20 CY RNG START SIG WITH RERING OR W.O/	SD-31703-01	14E3
ADJUSTING USING ONE MW 1000 CYCLE SUPPLY SOURCE	MFP RECEIVER SD-95779-01	23B4

D

CIRCUIT TITLE	DRAWING NO.	BLK LOC
DECODER	SD-32356-01	27F4
TRANSLATOR CONV DECODER CONV	SD-32354-01	27D4
E FOR OPERATING SUB REG WITH DELAYED CHARGE INTERVAL	AUX LIN SD-32042-01	1F1
TRK CKT DIGIT ABSORBING FOR DELAYING CUT THRU	AUX SD-32044-01	21E2
TRK CKT DIGIT ABSORBING FOR DELAYING CUT THRU	AUX SD-32044-01	712
/ FOR RETURNING INITIAL COIN DEPOSITED AT DIAL PREPAYMENT COIN S/	SD-32025-01	2E4
NBS HAVING / REP COIL AND SX DERIVING CKT FOR NON PH OPEN WIRE LI	SD-95069-01	1212
RK CKT ONE WAY AUTO. ARR FOR DIAL BACK OPERATION	T SD-30489-01	1312
TO. ONE WAY DIALING ARR FOR DIAL BACK OPR /R SX SUPV ONE WAY AU	SD-30490-01	1313
O. METHOD COIN CONT CONV DIAL CONTROLLED COIN DISPOSAL LINE N	SD-32061-01	9G2
COIN LINES ARR FOR COIN FI/ DIAL LONG LINE FOR USE ON PREPAYMENT	SD-32053-01	1D1
WITH 4 PARTY SEL OR 4 PARTY/ DIAL LONG LINE REPEATED RNG FOR USE	SD-95435-01	19E3
RK CKT ONE WAY AUTO. ONE WAY DIAL ONE DIGIT TDM OPR CX SIG /FF. T	SD-31821-01	10B2
RK CKT ONE WAY AUTO. ONE WAY DIAL ONE DIGIT TDM OPR LOOP SIG / T	SD-31420-01	10C2
AUX COIN LINE FOR DIAL POST PAYMENT LINE REL RK MTG	SD-32146-01	1F2
COIN TRK DIAL POSTPAYMENT SERVICE	SD-32146-01	1E4
NS ONLY COIN TRUNK DIAL POSTPAYMENT SERVICE COIN STATIO	SD-31732-01	1F4
NG INITIAL COIN DEPOSITED AT DIAL PREPAYMENT COIN STATION /TURNI	SD-32025-01	2E4
COIN TRUNK DIAL PREPAYMENT SERVICE	SD-31592-02	1H4
DIAL PULSE CONVERTER CKT	SD-32328-01	26C3
S 3000 OHMS OR LE/ 2 WAY TRK DIAL REPEATING ON OUT. CALLS LOOP RE	SD-31602-01	13F2
INE OR TRK INC RINGDOWN OUT. DIAL SELECTED CODE RINGING 2 WAY L	SD-31983-01	10F2
PERM SIG TIMING AND DIAL TONE FOR SEL REPEATERS	SD-31844-01	AD3

SD-31780-01-314

CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
DIAL TONE SPEED REGISTER CKT	SD-96403-01	8F3
THRU WHEN DIGITS 1 OR 11 ARE DIALED /LECTOR REPEATER ARR TO CUT	SD-30456-01	15F2
X SUPV ONE WAY AUTO. ONE WAY DIALING ARR FOR DIAL BACK OPR /R S	SD-30490-01	1313
/ SEL CKT FOR COMPLETING IT. DIALING CALLS WITH OR W.O. DIGIT AB/	SD-31691-01	14F4
TST DISTRIBUTOR ARR FOR ONE DIG OPR ON SPEC LEVELS OR FOR 2 DIG	SD-32007-01	4E2
W.O. COIN CONT WITH OR W.O. DIG ABS AND BLK (3 AND 4 ONLY) / OR	SD-31745-01	22D3
RNG OR T NO. ST OF RNG FOR DIG ABS BKLG /AT. SUPV SX START OF	SD-31841-01	14F3
/A-B TOLL CALLS WITH OR W.O. DIG ABS ON SPEC LEV REP COIL COIN C/	SD-31723-01	22E3
EATEDLY + TO RST SRV UNTIL 4 DIG. IS ABS /IG. ONCE ONLY + OR REP	SD-95999-01	24E3
RST SRV/ CODE SEL ARR TO ABS DIG. ONCE ONLY + OR REPEATEDLY + TO	SD-95999-01	24E3
TY/ 2WY OPR OFF. TRK CKT ONE DIG TDM OPR-FOR OFF. BYD TDM CX SIG	SD-31923-01	5G4
M LEAD SUPV WITH OR W.O. ONE DIG TDM OPERATION /V BAT. OR E AND	SD-32190-01	10D2
/B. OPR OFF. AND ILOC TRK ONE DIG TDM OPR CX OR SX SIG TYPE "B"TB/	SD-31995-01	10E2
/PR OFF. AND ILOC TRK CKT ONE DIG TDM OPR FOR OFF BYD TDM CX OR S/	SD-31994-01	5H4
/MB. OPR OFF. AND ILOC TRK ONE DIG TDM OPR LOOP SIG BAT. GRD PULS T/	SD-31996-01	10D2
TOLL INTER SEL ARR FOR NON DIGIT ABSORBING	SD-31744-01	22J3
. DIALING CALLS WITH OR W.O. DIGIT ABSORBING / FOR COMPLETING IT	SD-31691-01	14F4
L PRECEDING SELECTOR ARR FOR DIGIT ABSORBING AND BLOCKING TOL	SD-33001-01	22G3
DIG/ TOLL INTER. SEL ARR FOR DIGIT ABSORBING AND BLOCKING UNTIL A	SD-31915-01	22H3
U AUX TRK CKT DIGIT ABSORBING FOR DELAYING CUT THR	SD-32094-01	21E2
U AUX TRK CKT DIGIT ABSORBING FOR DELAYING CUT THR	SD-32094-01	712
LY + TO RESTRICT SRV UNTIL 4 DIGIT IS ABSORBED / DIGITS REPEATED	SD-33027-01	24G3
SORBING AND BLOCKING UNTIL 4 DIGIT IS ABSORBED /ARR FOR DIGIT AB	SD-31915-01	22H3
OF TRK ON PERM SIG ARR FOR 3 DIGIT OFF. CODES /ER WITH AUTO. RLS	SD-30972-01	15F1
EL OR SEMI-SEL SRV ARR FOR 2 DIGIT OPERATION /SEL AND/OR 4 PTY S	SD-30979-01	2J2
OPR ON SPEC LEVELS OR FOR 2 DIGIT OPERATION /OR ARR FOR ONE DIG	SD-32007-01	4E2
OPR ON SPEC LEVELS OR FOR 2 DIGIT OPR /IF SRV ARR FOR ONE DIGIT	SD-31851-01	3C3
/ FOR VERIF SRV ARR FOR ONE DIGIT OPR ON SPEC LEVELS OR FOR 2 D/	SD-31851-01	3C3
D/ 2 WAY OPR OFF TRK CKT ONE DIGIT TDM OPERATION FOR OFF BEYOND T	SD-31822-01	5D3
E AND INTERLOCAL TRK CKT ONE DIGIT TDM OPERATION LOOP SIG /OFFIC	SD-31877-01	5E3
2 WAY TDM TRK CKT ONE DIGIT TDM OPERATION RINGDOWN SIG	SD-31879-01	10G2
E WAY AUTO. ONE WAY DIAL ONE DIGIT TDM OPR CX SIG /FF. TRK CKT ON	SD-31821-01	10B2
E WAY AUTO. ONE WAY DIAL ONE DIGIT TDM OPR LOOP SIG / TRK CKT ON	SD-31820-01	10C2
UNTI/ CODE SEL ARR TO ABSORB DIGITS REPEATEDLY + TO RESTRICT SRV	SD-33027-01	24G3
EPREATER ARR TO CUT THRU WHEN DIGITS 1 OR 11 ARE DIALED /LECTOR R	SD-30456-01	15F2
NT COIN DIAL CONTROLLED COIN DISPOSAL LINE NO. METHOD COIN CO	SD-32061-01	8G2
ER LINE E AND M LEAD SUPV TO DIST TOLL OR DSA SWBD EM	SD-32313-01	20D3
MILLIWATT DISTRIBUTING	SD-95000-01	23B5
SPEC LEVELS OR FOR 2 DI/ TST DISTRIBUTOR ARR FOR ONE DIG OPR ON	SD-32007-01	4E2
OR ONE DIGIT OPR ON SPEC LE/ DISTRIBUTOR CKT FOR VERIF SRV ARR F	SD-31851-01	3C3
TEST DISTRIBUTOR CONTROL	SD-31349-01	4G2
EMENT TO TEST BUSY WHI/ TOLL DIVERTING TRK WITH OR WITHOUT ARRANG	SD-32067-01	12H4
PER LINE LOC CONN 10 PTY DIVIDED OR 10 PTY BRIDGED RNG TERM.	SD-31920-01	3B1
5 CD TERM. PER LINE 10 PTY DIVIDED RNG /NTING 5 PTY BRIDGED OR	SD-30957-01	3B3
/ CODE TERM. PER LINE 10 PTY DIVIDED RNG OR 5 PTY BRIDGED RNG AR/	SD-30956-01	3C2
FOR 5 PTY BRIDGED OR 10 PTY DIVIDED RNG TERM. PER LINE /N 5 CODE	SD-30973-01	3F2
/ LOC CONN 5 CODE FOR 10 PTY DIVIDED RNG TERM. PER STA ARR FOR RE	SD-31810-01	311
OR 4 PTY SELECTIVE AND 4 OR/ DLU RELAYED OR BYPASSED RNG INDIV 2	SD-96234-01	19D3
R COIN CONT SUPPLY CKT USING DRY CELLS PW	SD-80634-01	8H3
/ INC TRK FROM TOLL SWBD WET DRY SUPV 20 CY RNG START SIG WITH RE	SD-31703-01	14E3

SD-31780-01-315

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CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
M LEAD SUPV TO DIST TOLL OR DSA SWBD	EMER LINE E AND	SD-32313-01 20D3
G RINGING/ OUT. INCPT TRK TO DST OFF. ARR TO TRIP RING. ONLY DURING		SD-31771-01 7H3
LINES ARR FOR COIN FIRST OR DT FIRST OPR /SE ON PREPAYMENT COIN		SD-32053-01 1D1
DUAL CHANNEL RECEIVER CKT		SD-95956-01 20F4
DUAL CHANNEL RECEIVER CKT		SD-95956-01 25D1
E		
OGT E AND M LEAD PULSING		SD-32244-01 23D2
OGT FOR CAMA CALLS E AND M LEAD SIGNALING		SD-32241-01 13C2
INC TRK CKT E, M AND N OR E AND M LEAD SUPV		SD-31726-01 12B2
OUT. INCPT TRK E AND M LEAD SUPV		SD-32309-01 7G4
R VERIF REQUEST OR INFO SERV E AND M LEAD SUPV /FICIAL PBX REPAI		SD-32312-01 21H3
R OFFICIAL PBX OR INCPT SERV E AND M LEAD SUPV OGT FOR INFO REPAI		SD-32311-01 21H2
A SWBD EMER LINE E AND M LEAD SUPV TO DIST TOLL OR DS		SD-32313-01 20D3
/FF. TRK HIGH-LOW REV BAT. OR E AND M LEAD SUPV WITH OR W.O. ONE /		SD-32190-01 12D2
INC TRK CKT E, M AND N OR E AND M LEAD SUPV		SD-31726-01 12B2
CKT FOR RESTORING SERV ON AN EMER BASIS LINE OR TRK TRANSFER		SD-95690-01 20H5
S TO POLICE, FIRE AND AMBULA/ EMER LINE CKT FOR COMPLETION OF CALL		SD-96469-01 20D1
TOLL OR DSA SWBD EMER LINE E AND M LEAD SUPV TO DIST		SD-32313-01 20D3
OF SUB LINE AND T/ TYPE "A" EMER MAN. CKT FOR MAN. OPR AND INCPT		SD-32065-01 1A13
F SUB LINE AND TRK/ TYPE "B" EMER MAN. CKT FOR MAN OPR AND INCPT O		SD-32093-01 1713
LINE CKT FOR PUBLIC EMER REPORTING		SD-95473-01 20F3
E CUT- IN CKT FOR COMPLETING EMERGENCY CALLS BUSY LIN		SD-31724-01 3C4
EMERGENCY RINGBACK		SD-95043-01 20E2
/NE ARR TO APPLY COIN RTN AT END OF EACH CALL. LINE OR AUX L CKTS/		SD-95607-01 19G3
OBSERVING ENTRY CONTROL.		SD-32247-01 23D1
NGING CURRENT TO PBX AND STA EOPTS RINGING LEADS FOR SUPPLYING RI		SD-95667-01 AF2
FOR IND LINES WITH MAIN AND EXT STATIONS ON SEPARATE LOOPS /OFF		SD-96468-01 19C3
EXTENSION ALM CKT		SD-95444-01 1114
F		
RATE TRKS. AUX LINE CKTS. TRK FOR AND PREPAYMENT COIN BOX TRKS /G		SD-31974-01 1113
MENT TO TEST BUSY WHILE LINE FOR HUNTS / WITH OR WITHOUT ARRANGE		SD-32067-01 12H4
OF SUB LINE AND TRK CKTS CD FIG. 1 / CKT FOR MAN. OPR AND INCPT		SD-32065-01 1A13
CONVERTER FINDER CKT		SD-33024-01 26C2
TRK FINDER CKT 22 POINT		SD-31793-01 7E3
LINE FINDER GRP BUSY INDICATING		SD-32097-01 1F3
TRK FINDER 200 POINT-3-WIRE		SD-33013-01 7D3
VE LINE FINDER 200 POINT 3 WIRE LOW RES SLEE		SD-33013-01 1D3
LINE FINDER 22 POINT 4 WIRE		SD-31793-01 1C3
. INCPT TRK FOR USE WITH TRK FINDERS OUT		SD-31965-01 7F3
H TBL ALM FOR LINE AND TRUNK FINDERS SWITC		SD-32239-01 11G4
ALARM RELAY FOR LINE AND TRK FINDERS GROUP AND		SD-32194-01 20H2
/ INCPT TRK FOR USE WITH TRK FINDERS ARR FOR MACHINE ANNOUNCEMEN/		SD-30990-01 7G3
/ 2W TO TOLL BD FOR HOSPITAL FIRE AND POLICE SERV. ARR TO TRIP M/		SD-31440-01 6B2
NES ARR FOR COIN FIRST OR DT FIRST OPR /SE ON PREPAYMENT COIN LI		SD-32053-01 1D1
MENT COIN LINES ARR FOR COIN FIRST OR DT FIRST OPR /SE ON PREPAY		SD-32053-01 1D1
OUT FIRST SELECTOR 3 WIRE WITH LINE LOCK		SD-30976-01 2B2

SD-31740-01-316

CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
OUT	FIRST SELECTOR 3 WIRE WITH LINE LOCK SD-33003-01	2B2
OUT	FIRST SELECTOR 3 WIRE WITH LINE LOCK SD-32077-01	2B2
OUT	FIRST SELECTOR 3 WIRE WITH LINE LOCK SD-321A3-01	2B2
OCKOUT	FIRST SELECTOR 3 WIRE WITHOUT LINE L SD-30976-01	2C2
OCKOUT	FIRST SELECTOR 3 WIRE WITHOUT LINE L SD-33003-01	2C2
OCKOUT	FIRST SELECTOR 3 WIRE WITHOUT LINE L SD-30200-01	2C2
OCKOUT	FIRST SELECTOR 3 WIRE WITHOUT LINE L SD-32077-01	2C2
OCKOUT	FIRST SELECTOR 3 WIRE WITHOUT LINE L SD-321A3-01	2C2
OUT	FIRST SELECTOR 4 WIRE WITH LINE LOCK SD-30976-01	2D2
OUT	FIRST SELECTOR 4 WIRE WITH LINE LOCK SD-33003-01	2D2
OUT	FIRST SELECTOR 4 WIRE WITH LINE LOCK SD-32077-01	2D2
OUT	FIRST SELECTOR 4 WIRE WITH LINE LOCK SD-321A3-01	2D2
OCKOUT	FIRST SELECTOR 4 WIRE WITHOUT LINE L SD-30976-01	2F2
OCKOUT	FIRST SELECTOR 4 WIRE WITHOUT LINE L SD-33003-01	2F2
OCKOUT	FIRST SELECTOR 4 WIRE WITHOUT LINE L SD-32077-01	2F2
OCKOUT	FIRST SELECTOR 4 WIRE WITHOUT LINE L SD-321A3-01	2F2
LS REV BAT. SUPV ARR TO RTN	FLASHING SIG FOR LINE OR TRK BUSY / SD-30974-01	1003
	FOREIGN AREA TRANSLATOR SD-32357-01	27E5
D USI/ COIN CONT TRK USING 2	FREQ OVER T AND R FOR CALLS FROM SWB SD-322A9-01	25E2
D USI/ COIN CONT TRK USING 2	FREQ OVER T AND R FOR CALLS FROM SWB SD-322A9-01	25G2
WBD U/ COIN CONT TRK USING 2	FREQ OVER T AND R FOR OUT CALLS TO S SD-322A9-01	25C2
Y COIN TRK ALM AND COIN BAT. FUSE ALM	MISC ALM CKT PREPA SD-31975-01	11B3
SC ALM CKT KEY, RNG FUSE AND FUSE ALM CKTS FOR REL RACKS	MI SD-31974-01	11C3
MISC ALM CKT KEY, RNG FUSE AND FUSE ALM CKTS FOR REL RACKS	SD-31974-01	11C3

G

MF SIGNAL GENERATOR	SD-95A67-01	23E4
PULSE GENERATOR AND COUNTING	SD-32310-01	20F2
/ ADPT MULTI -PARTY USE WITH GROUNDED OR LOW INS MET L PULSE COR/	SD-31A4A-01	1E1
RK FINDERS	GROUP AND ALARM RELAY FOR LINE AND T SD-32194-01	20H2
LINE FINDER GRP BUSY INDICATING	SD-32097-01	1F1

H

PV WITH OR / 2WY OPR OFF. TRK HIGH-LOW REV BAT. OR B AND M LEAD SU	SD-32190-01	12D2
AND FOR / SUB REC COMPL TRK HIGH-LOW SUPV NON-COIN TO RECALL SUB	SD-32136-01	612
O TRI/ OGT 2W TO TOLL BD FOR HOSPITAL FIRE AND POLICE SERV. ARR T	SD-31A40-01	6B2
AT. SUPV ON SPEC LE/ COMB ROT HTG CONN ONE RNG ARR TO CANCEL REV B	SD-30950-01	3D3
SEL RNG TO CANCEL/ COMB. ROT HTG CONN A PTY TERM PER LINE SEMI-	SD-31A16-01	3H3
EL RNG ARR TO CANCEL/ LOC ROT HTG CONN APTY TERM. PER LINE SEMI- S	SD-30977-01	312
STA AR/ LOC CONN 200 PT ROT HTG MULTI- PARTY AC-DC RNG TERM. PER	SD-33006-01	3E3
LOC CONN 200 PT ROT HTG MULTI-PARTY SUP RNG TERM. PER STA	SD-33009-01	3H2
LOC CONN ROTARY HUNTING	SD-3173A-01	3G2
PER LINE 10 P/ LOC CONN ROT HUNTING 5 PTY BRIDGED OR 5 CD TERM.	SD-30957-01	3B3
TO TEST BUSY WHILE LINE FOR HUNTS / WITH OR WITHOUT ARRANGEMENT	SD-32067-01	12H4

I

IDENTIFIER	SD-95A10-01	23F2
	SD-317A0-01-317	

CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
MISC CKT IDENTIFIER FR	SD-95A19-01	23G3
OUTPUTSER IDENTIFIER TEST	SD-95A15-01	23C3
MISC CKT OUTPUTSER IDENTIFIER TRK TEST FR	SD-95A22-01	23G4
UPV REP COIL TRANS 2 WAY ILOC TRK BAT. AND GRD PULS REV BAT S	SD-31A42-01	5A3
ORRECTOR ON INC CALLS 2 WAY ILOC TRK CKT CX SIG TYPE "B" PULSE C	SD-31A67-01	5F4
BYD / 2WY COMB. OPR OFF. AND ILOC TRK CKT ONE DIG TDM OPR FOR OFF	SD-31A44-01	5H4
G TYP/ 2WY COMB. OPR OFF. AND ILOC TRK ONE DIG TDM OPR CX OR SX SI	SD-31A45-01	10E2
T.GRD / 2WY COMB. OPR OFF. AND ILOC TRK ONE DIG TDM OPR LOOP SIG BA	SD-31A46-01	10D2
	INCOMING OR INTERMEDIATE SELECTOR	SD-30976-01 2C3
	INCOMING OR INTERMEDIATE SELECTOR	SD-33003-01 2C3
	INCOMING OR INTERMEDIATE SELECTOR	SD-30200-01 2C3
	INCOMING OR INTERMEDIATE SELECTOR	SD-32077-01 2C3
	INCOMING OR INTERMEDIATE SELECTOR	SD-30999-01 2C3
	INCOMING OR INTERMEDIATE SELECTOR	SD-32143-01 2C3
/R MAN. CKT FOR MAN. OPR AND INCPT OF SUB LINE AND TRK CKTS CD F/	SD-32065-01	1A13
/MER MAN. CKT FOR MAN OPR AND INCPT OF SUB LINE AND TRK CKTS (COR/	SD-32093-01	1713
INFO REPAIR OFFICIAL PBX OR INCPT SERV E AND M LEAD SUPV OGT FOR	SD-32311-01	21H2
	INCPT TRK CKT FROM CONV MULT	SD-31337-01 7D2
PRECEDING SEL MULT	INCPT TRK CKT FROM LOCAL OR A-B TOLL	SD-31767-01 7E2
N MULT	INCPT TRK CKT FROM MULTI-PTY TPL CON	SD-31995-01 7H2
	INCPT TRK CKT FROM TOLL SEL MULT	SD-32163-01 7G2
	OUT. INCPT TRK E AND M LEAD SUPV	SD-32309-01 7G4
	OUT. INCPT TRK FOR USE WITH TRK FINDERS	SD-31965-01 7F3
RR FOR MACHINE ANNOUNC/ OUT. INCPT TRK FOR USE WITH TRK FINDERS A	SD-30990-01	7G3
V FOR USE WITH AN ANN MACH / INCPT TRK FROM CONV TERMS. OR SEL LE	SD-32202-01	7C2
G. ONLY DURING RINGING/ OUT. INCPT TRK TO DST OFF. ARR TO TRIP RIN	SD-31771-01	7H3
/LINE WITH AUTO. CUT-OFF FOR IND LINES WITH MAIN AND EXT STATION/	SD-9646A-01	19C3
DLL RELAYED OR BYPASSED RING INDIV 2 OR 4 PTY SELECTIVE AND 4 OR	SD-96234-01	19D3
OUT. INF TRK	SD-32170-01	21D2
RV E AND M LEAD SUPV OGT FOR INFO REPAIR OFFICIAL PBX OR INCPT SE	SD-32311-01	21H2
PBX REPAIR VERIF REQUEST OR INFO SERV E AND M LEAD SUPV /PICIAL	SD-32312-01	21H3
Y/ AUX TRK CKT FOR RETURNING INITIAL COIN DEPOSITED AT DIAL PREPA	SD-32025-01	2E4
F PERM/ CA PROT DEVICE CABLE INS ALM AND ARR TO OPR ON SPEC NO. 0	SD-31912-01	11F2
/TY USE WITH GROUNDED OR LOW INS MET L PULSE CORRECTING AND RELAY/	SD-31A4A-01	1E1
G TOLL INTER SEL ARR FOR NON DIGIT ABSORBING	SD-31744-01	22J3
/WAY COMBINED OPR OFFICE AND INTERLOCAL TRK CKT ONE DIGIT TDM OP/	SD-31A77-01	5E3
	INCOMING OR INTERMEDIATE SELECTOR	SD-30976-01 2C3
	INCOMING OR INTERMEDIATE SELECTOR	SD-33003-01 2C3
	INCOMING OR INTERMEDIATE SELECTOR	SD-30200-01 2C3
	INCOMING OR INTERMEDIATE SELECTOR	SD-32077-01 2C3
	INCOMING OR INTERMEDIATE SELECTOR	SD-30999-01 2C3
	INCOMING OR INTERMEDIATE SELECTOR	SD-32143-01 2C3
	10 IPM INTERRUPTER CKT	SD-96343-01 A14
SERVICE TONE INTERRUPTER CKT ADDITIONAL CLASS OF	SD-31A25-01	AD2
	INTERRUPTER RELAY CIRCUIT	SD-31A6A-01 AB2
D BLOCKING UNTIL A DIG/ TOLL INTER. SEL ARR FOR DIGIT ABSORBING AN	SD-31915-01	22H3
SUB REG WITH DELAYED CHARGE INTERVAL AUX LINE FOR OPERATING	SD-32042-01	1F1
IP RING. ONLY DURING RINGING INTERVAL / TRK TO DST OFF. ARR TO TR	SD-31771-01	7H3
	10 IPM INTERRUPTER CKT	SD-96343-01 A14

SD-31740-01-31A

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CIRCUIT INDEX

	CIRCUIT TITLE	DRAWING NO.	BLK LOC
J			
CKT	TEST JACK AND CONN TEST LINE CKT	SD-31457-01	16B2
	JACK, KEY AND LAMP AND PLANT REGISTER	SD-32333-01	26E2
	JACK, KEY AND LAMP CKT	SD-32359-01	27C4
K			
REL. RACKS	MISC ALM CKT KEY, RNG FUSE AND FUSE ALM CKTS FOR KS-15947-01 TOTALIZER CKT	SD-31974-01 SD-95965-01	11C3 20J4
L			
	END OF EACH CALL, LINE OR AUX L CKTS FOR GRD ST ON RING / RTN AT WITH GROUNDED OR LOW INS MET L PULSE CORRECTING AND DELAYED RNG	SD-95607-01 SD-31444-01	19G3 1E1
	JACK, KEY AND LAMP AND PLANT REGISTER CKT	SD-32333-01	26E2
	JACK, KEY AND LAMP CKT	SD-32359-01	27C4
	OGT E AND M LEAD PULSING	SD-32244-01	23D2
	OGT FOR CMA CALLS E AND M LEAD SIGNALING	SD-32241-01	13C2
	OUT. INOPT TRK E AND M LEAD SUPV	SD-32309-01	7G4
	RK CKT E, M AND N OR E AND M LEAD SUPV	SD-31726-01	12B2
	REQUEST OR INFO SERV E AND M LEAD SUPV / FICIAL PBX REPAIR VERIF	SD-32312-01	21H3
	AL PBX OR INOPT SERV E AND M LEAD SUPV OGT FOR INFO REPAIR OFFICI	SD-32311-01	21H2
	EMER LINE E AND M LEAD SUPV TO DIST TOLL OR DSA SWBD	SD-32313-01	20D3
	/IGH-LOW REV BAT. OR E AND M LEAD SUPV WITH OR W.O. ONE DIG TDM /	SD-32190-01	12D2
	TO PBX AND STA EOPTS RINGING LEADS FOR SUPPLYING RINGING CURRENT	SD-95667-01	4F2
	TO CANCEL REV BAT. SUPV SPEC LEV /M. PER LINE SEMI- SEL RNG ARR	SD-30977-01	312
	/TRK FROM CONN TERMS. OR SEL LEV FOR USE WITH AN ANN MACH ANN SY/	SD-32202-01	7C2
	WITH OR W.O. DIG ABS ON SPEC LEV REP COIL COIN CONT /TOLL CALLS	SD-31723-01	22E3
	OVERFLOW TRK OR VACANT LEVEL TRK CKT	SD-31472-01	2F3
	0 CANC REV BAT. SUPV ON SPEC LEVELS /M PER LINE SEMI- SEL RNG T	SD-31416-01	3H3
	CANCEL REV BAT. SUPV ON SPEC LEVELS / ROT HTG CONN ONE RNG ARR TO	SD-30950-01	3D3
	ARR FOR ONE DIG OPR ON SPEC LEVELS OR FOR 2 DIGIT OPERATION /OR	SD-32007-01	4E2
	RR FOR ONE DIGIT OPR ON SPEC LEVELS OR FOR 2 DIGIT OPR /IF SRV A	SD-31451-01	3C3
	PRIVATE LINE	SD-96124-01	20G1
	A PTY SEMI-SEL RNG TERM. PER LINE	LOC CONN SD-30979-01	3B2
	A PTY SEMI-SEL RNG TERM. PER LINE	COMB. CONN SD-31415-01	3D1
	10 PTY BRIDGED RNG TERM. PER LINE	LOC CONN 10 PTY DIVIDED OR	SD-31420-01 3H1
	10 PTY DIVIDED RNG TERM. PER LINE /N 5 CODE FOR 5 PTY BRIDGED OR	SD-30973-01	3F2
	NDSD OR LOW INS MET L PULSE/ LINE ADPT MULTI -PARTY USE WITH GROU	SD-31444-01	1E1
	OR MAN. OPR AND INOPT OF SUB LINE AND TRK CKTS CD FIG.1 / CKT F	SD-32065-01	1A13
	FOR MAN OPR AND INOPT OF SUB LINE AND TRK CKTS (CORD) FIG.10 /T	SD-32093-01	1713
	GROUP AND ALARM RELAY FOR LINE AND TRK FINDERS	SD-32194-01	20H2
	SWITCH TBL ALM FOR LINE AND TRUNK FINDERS	SD-32239-01	11G4
	EACH CALL, LINE OR AUX / AUX LINE ARR TO APPLY COIN RTN AT END OF	SD-95607-01	19G3
	TEST JACK AND CONN TEST LINE CKT	SD-31457-01	16B2
	POLICE, FIRE AND AMBULA/ EMER LINE CKT FOR COMPLETION OF CALLS TO	SD-96469-01	20D1
	LINE CKT FOR PUBLIC EMER REPORTING	SD-95873-01	20F3
	LINE CKT WITH LOCKOUT	SD-32216-01	1C2
	LINE CKT WITHOUT LOCKOUT	SD-32133-01	1C2

SD-31740-01-319

CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
1/4 CKT FOR MSG RATE TRKS. AUX LINE CKTS. TRK FOR AND PREPAYMENT CO/	SD-31974-01	1113
GENCY CALLS BUSY LINE CUT- IN CKT FOR COMPLETING EMER	SD-31724-01	3C4
OR DSA SWBD EMER LINE E AND M LEAD SUPV TO DIST TOLL	SD-32313-01	20D3
RANGEMENT TO TEST BUSY WHILE LINE FOR HUNTS / WITH OR WITHOUT AR	SD-32067-01	12H4
	SD-32097-01	1F3
SLEEVE LINE FINDER 200 POINT 3 WIRE LOW RES	SD-33013-01	1D3
	SD-31793-01	1C3
RK MTG AUX COIN LINE FOR DIAL POST PAYMENT LINE REL	SD-32146-01	1F2
YED CHARGE INTERVAL AUX LINE FOR OPERATING SUB REG WITH DELA	SD-32042-01	1F1
FOR RNG AND CONTINUITY TEST LINE FOR TESTING LOCAL OR TOLL TRAIN	SD-31932-01	16C2
AL OFF. OR COIN BOX TR/ TEST LINE FOR TESTING TRUNKS INC FROM LOC	SD-31642-01	16D2
S ARR FOR COIN FI/ DIAL LONG LINE FOR USE ON PREPAYMENT COIN LINE	SD-32053-01	1D1
CTOR AUX LINE FOR USE WITH COIN CONTROL CONNE	SD-32024-01	1G1
	SD-32069-01	16J4
TROL LINE LOAD CONTROL CKT	SD-32104-01	1613
FIRST SELECTOR 3 WIRE WITH LINE LOCKOUT	SD-30976-01	2B2
FIRST SELECTOR 3 WIRE WITH LINE LOCKOUT	SD-33003-01	2B2
FIRST SELECTOR 3 WIRE WITH LINE LOCKOUT	SD-32077-01	2B2
FIRST SELECTOR 3 WIRE WITH LINE LOCKOUT	SD-32143-01	2B2
FIRST SELECTOR 4 WIRE WITH LINE LOCKOUT	SD-30976-01	2D2
FIRST SELECTOR 4 WIRE WITH LINE LOCKOUT	SD-33003-01	2D2
FIRST SELECTOR 4 WIRE WITH LINE LOCKOUT	SD-32077-01	2D2
FIRST SELECTOR 4 WIRE WITH LINE LOCKOUT	SD-32143-01	2D2
IRST SELECTOR 3 WIRE WITHOUT LINE LOCKOUT	F SD-30976-01	2C2
IRST SELECTOR 3 WIRE WITHOUT LINE LOCKOUT	F SD-33003-01	2C2
IRST SELECTOR 3 WIRE WITHOUT LINE LOCKOUT	F SD-30200-01	2C2
IRST SELECTOR 3 WIRE WITHOUT LINE LOCKOUT	F SD-32077-01	2C2
IRST SELECTOR 3 WIRE WITHOUT LINE LOCKOUT	F SD-32143-01	2C2
IRST SELECTOR 4 WIRE WITHOUT LINE LOCKOUT	F SD-30976-01	2F2
IRST SELECTOR 4 WIRE WITHOUT LINE LOCKOUT	F SD-33003-01	2F2
IRST SELECTOR 4 WIRE WITHOUT LINE LOCKOUT	F SD-32077-01	2F2
IRST SELECTOR 4 WIRE WITHOUT LINE LOCKOUT	F SD-32143-01	2F2
IAL CONTROLLED COIN DISPOSAL LINE NO. METHOD COIN CONT CONN D	SD-32061-01	AG2
COIN CONTROL/ COIN CONT CONN LINE NUMBER METHOD OF COIN CONT WITH	SD-31453-01	AH2
ARR TO RTN FLASHING SIG FOR LINE OR TRK BUSY /LS REV BAT. SUPV	SD-30974-01	10D3
ELECTED CODE RINGING 2 WAY LINE OR TRK INC RINGDOWN OUT. DIAL S	SD-31943-01	10F2
NG SERV ON AN EMER BASIS LINE OR TRK TRANSFER CKT FOR RESTORI	SD-95690-01	20H5
N LINE FOR DIAL POST PAYMENT LINE REL RK MTG AUX COI	SD-32146-01	1F2
TY SEL OR A PARTY/ DIAL LONG LINE REPEATED RNG FOR USE WITH 4 PAR	SD-95435-01	19B3
	SD-31259-01	1J3
OF TRK TO OPR OFF. ON / SUB LINE ROTARY LINE SW PROVIDES FOR RLS	SD-31494-01	113
/ROT HTG CONN APTY TERM. PER LINE SEMI- SEL RNG ARR TO CANCEL RE/	SD-30977-01	312
/OT HTG CONN A PTY TERM PER LINE SEMI- SEL RNG TO CANC REV BAT. /	SD-31416-01	3H3
I- PTY ONE OR 2 TERMINAL PER LINE SERV /ST CONN FOR USE WITH MULT	SD-31773-01	4C2
	SD-31259-01	1J3
PR OFF. ON / SUB LINE ROTARY LINE SW PROVIDES FOR RLS OF TRK TO 0	SD-31494-01	113
	SD-32246-01	23H2
S WITH MAIN AND EXT STA/ AUX LINE WITH AUTO. CUT-OFF FOR IND LINE	SD-96464-01	19C3
Y BRIDGED OR 5 CD TERM. PER LINE 10 PTY DIVIDED RNG /NTING 5 PT	SD-30957-01	3B3
D/ LOC CONN 5 CODE TERM. PER LINE 10 PTY DIVIDED RNG OR 5 PTY BRI	SD-30956-01	3C2

SD-31740-01-320

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CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
ARTY SEL OR A PARTY SEMI-SEL LINES / REPEATED RNG FOR USE WITH 4 P	SD-95435-01	19B3
TO POLICE, FIRE AND AMBULANCE LINES / CKT FOR COMPLETION OF CALLS	SD-96469-01	20D1
ST CAB. NO. 2 FOR TESTING SUB LINES AND TRUNKS / SET CKT LOCAL TE	SD-96002-01	16E1
/ FOR USE ON PREPAYMENT COIN LINES ARR FOR COIN FIRST OR DT FIRS/	SD-32053-01	1D1
ING CKT FOR NON PH OPEN WIRE LINES HAVING BRIDGED TOLL STATIONS	SD-95069-01	12I2
TATIONS MULTI-PARTY LINES WITH BOTH COIN AND NON- COIN S	SD-31895-01	1G4
/ WITH AUTO. CUT-OFF FOR IND LINES WITH MAIN AND EXT STATIONS ON/	SD-96464-01	19C3
REGISTER TRUNK AND LINK	SD-32353-01	27B3
LINE LOAD CONTROL CKT	SD-32069-01	16J4
LINE LOAD CONTROL CKT FOR REMOTE CONTROL	SD-32104-01	16I3
R 5 CD TERM. PER LINE 10 P/	LOC CONN ROT HUNTING 5 PTY BRIDGED 0	SD-30957-01 3B3
	LOC CONN ROTARY HUNTING	SD-31734-01 3G2
RIDGED RNG TERM. PER LINE	LOC CONN 10 PTY DIVIDED OR 10 PTY 8	SD-31920-01 3B1
TERM. PER STA	LOC CONN 200 PT MULTI-PARTY SUP RNG	SD-33007-01 3F3
TERM. PER STA ARR FOR REV CA/	LOC CONN 200 PT MULTI-PTY AC-DC RNG	SD-33005-01 3G1
SUP RNG TERM. PER STA	LOC CONN 200 PT ROT HTG MULTI-PARTY	SD-33004-01 3H2
AC-DC RNG TERM. PER STA AR/	LOC CONN 200 PT ROT HTG MULTI- PARTY	SD-33006-01 3E3
NG TERM. PER STA ARR FOR RE/	LOC CONN 5 CODE FOR 10 PTY DIVIDED R	SD-31A10-01 3I1
Y DIVIDED RNG OR 5 PTY BRID/	LOC CONN 5 CODE TERM. PER LINE 10 PT	SD-30956-01 3C2
R LINE	LOC CONN A PTY SEMI-SEL RNG TERM. PE	SD-30979-01 3B2
STA	LOC CONN A PTY SEMI-SEL RNG TERM. PER	SD-31A05-01 3H1
R FOR CALLS FROM SWBD USING	LOC OR TOLL TRAIN / FREQ OVER T AND	SD-32249-01 25E2
SEMI- SEL RNG ARR TO CANCE/	LOC ROT HTG CONN APTY TERM. PER LINE	SD-30977-01 3I2
FOR OUT CALLS TO SWBD USING	LOC TRAIN /SING 2 FREQ OVER T AND R	SD-32244-01 25C2
	LOCAL CONN ONE RING	SD-31737-01 3A1
	LOCAL CONN (SEE NOTE 1)	SD-31941-01 3A3
	LOCAL CONN TWO RING	SD-31A32-01 3A2
FOR TESTING TRUNKS INC FROM	LOCAL OFF. OR COIN BOX TRUNKS / LINE	SD-31642-01 16D2
INCP T TRK CKT FROM	LOCAL OR A-B TOLL PRECEDING SEL MULT	SD-31767-01 7E2
INUTY TEST LINE FOR TESTING	LOCAL OR TOLL TRAIN FOR RNG AND CONT	SD-31932-01 16C2
LINES AND TRU/ TEST SET CKT	LOCAL TEST CAB. NO. 2 FOR TESTING SUB	SD-96002-01 16E1
ER CKT FOR TRAFFIC REGISTERS	LOCATED ON REL RACKS /LM CKT REGIST	SD-31976-01 11G3
	LINE CKT WITH LOCKOUT	SD-32216-01 1C2
	LINE CKT WITHOUT LOCKOUT	SD-32133-01 1C2
ST SELECTOR 3 WIRE WITH LINE	LOCKOUT	FIR SD-30976-01 2B2
ST SELECTOR 3 WIRE WITH LINE	LOCKOUT	FIR SD-33003-01 2B2
ST SELECTOR 3 WIRE WITH LINE	LOCKOUT	FIR SD-32077-01 2B2
ST SELECTOR 3 WIRE WITH LINE	LOCKOUT	FIR SD-32143-01 2B2
ST SELECTOR 4 WIRE WITH LINE	LOCKOUT	FIR SD-30976-01 2D2
ST SELECTOR 4 WIRE WITH LINE	LOCKOUT	FIR SD-33003-01 2D2
ST SELECTOR 4 WIRE WITH LINE	LOCKOUT	FIR SD-32077-01 2D2
ST SELECTOR 4 WIRE WITH LINE	LOCKOUT	FIR SD-32143-01 2D2
SELECTOR 3 WIRE WITHOUT LINE	LOCKOUT	FIRST SD-30976-01 2C2
SELECTOR 3 WIRE WITHOUT LINE	LOCKOUT	FIRST SD-33003-01 2C2
SELECTOR 3 WIRE WITHOUT LINE	LOCKOUT	FIRST SD-30200-01 2C2
SELECTOR 3 WIRE WITHOUT LINE	LOCKOUT	FIRST SD-32077-01 2C2
SELECTOR 3 WIRE WITHOUT LINE	LOCKOUT	FIRST SD-32143-01 2C2
SELECTOR 4 WIRE WITHOUT LINE	LOCKOUT	FIRST SD-30976-01 2F2
SELECTOR 4 WIRE WITHOUT LINE	LOCKOUT	FIRST SD-33003-01 2F2
SELECTOR 4 WIRE WITHOUT LINE	LOCKOUT	FIRST SD-32077-01 2F2

SD-31740-01-321

CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
SELECTOR 4 WIRE WITHOUT LINE LOCKOUT	FIRST SD-32143-01	2F2
P COILS BAT. AND GRD PULS OR LOOP PULS REV BAT. SUPV /REP WITH RE	SD-3200A-01	21A2
FLASHING SIG FOR LI/ INC REP LOOP PULS REV BAT. SUPV ARR TO RTN	SD-30974-01	10D3
T. REP BAT. AND GRD PULS OR LOOP PULS REV BAT. SUPV 2 REPS PER /	SD-31779-01	21B2
OGT LOOP PULSING	SD-32245-01	23B2
CODE CALLS AUX TRK LOOP PULSING ARR TO COMPLETE SERVICE	SD-32241-01	24C2
COIL BAT. AND GRD PULSING OR LOOP PULSING REV BAT. SUPV /ITH REP	SD-3200A-01	10F3
DIAL REPEATING ON OUT. CALLS LOOP RES 3000 OHMS OR LESS /WAY TRK	SD-31602-01	13F2
TRK CKT TYPE "A" T.B. SUPPLY LOOP SIG	2 WAY SD-31874-01	5B3
TRK CKT TYPE "B" T.B. SUPPLY LOOP SIG	2 WAY SD-31747-01	5C3
E WAY DIAL ONE DIGIT TDM OPR LOOP SIG / TRK CKT ONE WAY AUTO. ON	SD-31820-01	10C2
OPERATION FOR OFF BEYOND TDM LOOP SIG /FF TRK CKT ONE DIGIT TDM	SD-31822-01	5D3
CKT ONE DIGIT TDM OPERATION LOOP SIG /OFFICE AND INTERLOCAL TRK	SD-31877-01	5E3
/ND ILOC TRK ONE DIG TDM OPR LOOP SIG BAT.GRD PULS TYPE"B" TB SU/	SD-31886-01	10D2
ATER OG BAT. AND GRD PULSING LOOP SUPV INC PULSE TRANSMITTING /PE	SD-31674-01	5E4
AND EXT STATIONS ON SEPARATE LOOPS /OFF FOR IND LINES WITH MAIN	SD-96464-01	19C3

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SEL LEV FOR USE WITH AN ANY MACH ANY SYS NO. 7A /CONN TERMS. OR	SD-32202-01	7C2
AND POLICE SERV. ARR TO TRIP MACH RING W.O. CHG / HOSPITAL FIRE	SD-31840-01	6B2
USE WITH TRK FINDERS ARR FOR MACHINE ANNOUNCEMENTS /NCPT TRK FOR	SD-30990-01	7G3
/ CUT-OFF FOR IND LINES WITH MAIN AND EXT STATIONS ON SEPARATE L/	SD-96464-01	19C3
UB LINE AND T/ TYPE "A" EMER MAN. CKT FOR MAN. OPR AND INCPT OF S	SD-32065-01	1A13
K/ TYPE "B" EMER MAN. CKT FOR MAN OPR AND INCPT OF SUB LINE AND TR	SD-32093-01	1713
/ TYPE "A" EMER MAN. CKT FOR MAN. OPR AND INCPT OF SUB LINE AND T	SD-32065-01	1A13
E "B" 2 WAY TRK CKT TO MAN. OR TOLL OFF. AB TOLL CX SIG TYP	SD-31749-01	5H3
INC TRK CKT FROM MAN. OR TOLL OFF. WITH REP COIL	SD-31856-01	12F2
LINE AND TRK/ TYPE "B" EMER MAN. CKT FOR MAN OPR AND INCPT OF SUB	SD-32093-01	1713
MANUAL TEST	SD-32362-01	27F3
MESSAGE REG TRK	SD-32042-01	1D4
/SE WITH GROUNDED OR LOW INS MET L PULSE CORRECTING AND RELAYED /	SD-31848-01	1E1
MF PULSING RECEIVING	SD-95536-01	23C4
MF SIGNAL GENERATOR	SD-95867-01	23E4
1000 CYCLE SUPPLY SOURCE MFP RECEIVER ADJUSTING USING ONE MW	SD-95779-01	23B4
MILLIWATT DISTRIBUTING	SD-95000-01	23B5
ILOTS AND PERMANENT SIG TIM/ MISC ALM CKT ALM CONTROL AND AISLE P	SD-32192-01	11J3
MISC ALM CKT ALM SENDER	SD-32193-01	11A2
MISC ALM CKT CONN SHELF CKTS	SD-32045-01	11H3
INE CKTS. TRK FOR AND PREPAY/ MISC ALM CKT FOR MSG RATE TRKS. AUX L	SD-31974-01	1113
VES MISC ALM CKT FOR TRUNK AND MISC SHEL	SD-32044-01	11E3
ALM CKTS FOR REL RACKS MISC ALM CKT KEY, RNG FUSE AND FUSE	SD-31974-01	11C3
COIN BAT. FUSE ALM MISC ALM CKT PREPAY COIN TRK ALM AND	SD-31975-01	11B3
C REGISTERS LOCATED ON REL / MISC ALM CKT REGISTER CKT FOR TRAFFI	SD-31976-01	11G3
MISC ALM CKT SEL SHELF CKTS	SD-32043-01	11D3
CKTS MISC ALM CKT SELECTOR REPEATER SHELF	SD-32102-01	11F3
MISC BANK MULTIPLE CKT	SD-32129-01	9E2
NK FRAMES MISC CKT CONVERTER AND CONVERTER TRU	SD-32331-01	26E1
MISC CKT FOR ANGLE RELAY RACK BAYS	SD-32153-01	16E3
MISC CKT IDENTIFIER FR	SD-95819-01	23G3

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CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
MISC CKT NUMBER NETWORK FR	SD-95425-01	23C5
MISC CKT OUTPUTPULSER FR	SD-95420-01	23D4
ST FR MISC CKT OUTPUTPULSER IDENTIFIER TRK TE	SD-95422-01	23G4
MISC CKT SECONDARY NETWORK FR	SD-95414-01	23F4
MISC CKT TBL. TICKETER FR	SD-95423-01	23G2
MISC CKT TRUNK FR	SD-32244-01	2312
MISC ALM CKT FOR TRUNK AND MISC SHELVES	SD-32044-01	11E3
MISCELLANEOUS CKT	SD-32360-01	27H3
AND PREPAY/ MISC ALM CKT FOR MSG RATE TRKS, AUX LINE CKTS, TRK FOR	SD-31974-01	1113
/SET FOR TESTING SUB LOW RES MSG REGISTERS AND TRAFFIC REGISTERS/	SD-32150-01	16F4
SW PLT MTG	SD-31732-01	16G2
IAL POST PAYMENT LINE REL RK MTG	AUX COIN LINE FOR D SD-32146-01	1F2
INCPT TRK CKT FROM CONN MULT	SD-31337-01	7D2
INCPT TRK CKT FROM TOLL SEL MULT	SD-32163-01	7G2
CKT FROM MULTI-PTY TPL CONN MULT	INCPT TRK SD-31995-01	7H2
AL OR A-B TOLL PRECEDING SEL MULT	INCPT TRK CKT FROM LOC SD-31767-01	7E2
CONN BANK MULT CKT	SD-32124-01	9C3
/OMPL TRKS, OG TRKS FROM SEL MULT, COIN BOX TRKS SELS CONN AND R/	SD-31454-01	18C1
AR/ LOC CONN 200 PT ROT HTG MULTI- PARTY AC-DC RNG TERM. PER STA	SD-33006-01	3E3
NON- COIN STATIONS MULTI-PARTY LINES WITH BOTH COIN AND	SD-31495-01	1G4
LOC CONN 200 PT MULTI-PARTY SUP RNG TERM. PER STA	SD-33007-01	3F3
LOC CONN 200 PT ROT HTG MULTI-PARTY SUP RNG TERM. PER STA	SD-33004-01	3H2
W INS MET L PULSE/ LINE ADPT MULTI -PARTY USE WITH GROUNDED OR LO	SD-31444-01	1E1
R FOR REV/ COMB. CONN 200 PT MULTI-PTY AC-DC RNG TERM. PER STA AR	SD-33009-01	3E2
FOR REV CA/ LOC CONN 200 PT MULTI-PTY AC-DC RNG TERM. PER STA ARR	SD-33005-01	3G1
E SE/ TEST CONN FOR USE WITH MULTI- PTY ONE OR 2 TERMINAL PER LIN	SD-31773-01	4C2
COMB. CONN 200 PT MULTI-PTY SUP RNG TERM. PER STA	SD-33010-01	3F1
INCPT TRK CKT FROM MULTI-PTY TPL CONN MULT	SD-31995-01	7H2
SELECTOR BANK MULTIPLE CKT	SD-32123-01	9D2
MISC BANK MULTIPLE CKT	SD-32129-01	9E2
RECEIVER ADJUSTING USING ONE MW 1000 CYCLE SUPPLY SOURCE	MFP SD-95779-01	23B4
N		
INC TRK CKT E. M AND N OR E AND M LEAD SUPV	SD-31726-01	12B2
SERVICE OBSERVING NETWORK	SD-95429-01	23A2
SECONDARY NETWORK AND BUS CONNECTOR	SD-95414-01	23C1
NUMBER NETWORK AND PRIMARY BUS	SD-95413-01	23E1
MISC CKT SECONDARY NETWORK FR	SD-95414-01	23F4
MISC CKT NUMBER NETWORK FR	SD-95425-01	23C5
SIGNAL CKT NO-SUCH NUMBER TONE SUPPLY	SD-96357-01	4E3
X OR SX SIG WITHOUT RINGBACK NON-COIN REC COMPL TRK C	SD-31444-01	6H3
SX SIG WITH RINGBACK COIN OR NON-COIN R.C COMPL TRK CX OR	SD-32042-01	6H3
IG-CONT RNG AND RERING-CN OR NON COIN /L CX SIG TYPE "B" OR SX S	SD-31447-01	6D2
RTY LINES WITH BOTH COIN AND NON- COIN STATIONS MULTI-PA	SD-31495-01	1G4
/REC COMPL TRK HIGH-LOW SUPV NON-COIN TO RECALL SUB AND FOR CLAS/	SD-32136-01	612
G 2W TRK CKT TO SPL SERV OPR NON-COIN WITH RINGBACK	0 SD-31753-01	613
/EC COMPL TRK HIGH- LOW SUPV NON- COIN W.O. RECALL WITH CLASS OF /	SD-31925-01	6C2
TOLL INTER SEL ARR FOR NON DIGIT ABSORBING	SD-31744-01	22J3
/OIL AND SX DERIVING CKT FOR NON PH OPEN WIRE LINES HAVING BRIDG/	SD-95069-01	1212
	SD-31740-01-423	

CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
/BEST SET CKT LOCAL TEST CAB. NO.2 FOR TESTING SUB LINES AND TRIN/	SD-96002-01	16E1
KT FOR COMBINED TOLL AND SXS NO.355A 24V ALM BAT.SUP /D ALM TR C	SD-95063-01	11C4
KT FOR COMBINED TOLL AND SXS NO.355A 48V ALM BAT.SUP /D ALM TR C	SD-95075-01	1134
MISC CKT NUMBER NETWORK PR	SD-95A25-01	21C5
CONTR0/ COIN CONT CONV LINE NUMBER METHOD OF COIN CONT WITH COIN	SD-31A53-01	AH2
NUMBER NETWORK AND PRIMARY BUS	SD-95A13-01	23E1
SIGNAL CKT NO-SUCH NUMBER TONE SUPPLY	SD-96357-01	AE3
0		
OBSERVING ENTRY CONTROL	SD-32247-01	23D1
SERVICE OBSERVING NETWORK	SD-95A29-01	23A2
FOR OFF BYD / 2WY COMB. OPR OFF. AND ILOC TRK CKT ONE DIG TDM OPR	SD-31A44-01	5H4
P SIG BAT.GRD / 2WY COMB.OPR OFF. AND ILOC TRK ONE DIG TDM OPR L00	SD-31A46-01	10D2
NGING/ OUT. INCPT TRK TO DST OFF. ARR TO TRIP RING. ONLY DURING RI	SD-31771-01	7H3
ON PERM SIG ARR FOR 3 DIGIT OFF.CODES /ER WITH AUTO. RLS OF TRK	SD-30A72-01	15F1
GIT TDM / 2 WAY COMBINED OPR OFFICE AND INTERLOCAL TRK CKT ONE DI	SD-31A77-01	5E3
TRK ON PERM SIGNALS BRANCH OFFICE SEL REP CKT WITH AUTO. RLS OF	SD-31914-01	15B2
F TRK ON PERM SIG AR/ BRANCH OFFICE SEL REPEATER WITH AUTO. RLS 0	SD-30A72-01	15F1
BAD SUPV OGT FOR INFO REPAIR OFFICIAL PBX OR INCPT SERV E AND M L	SD-32311-01	21H2
INFO SERV E AND M / OGT FOR OFFICIAL PBX REPAIR VERIF REQUEST OR	SD-32312-01	21H3
TO. ONE WAY DIALING/ 2WY OPR OFF.TRK CKT CX OR SX SUPV ONE WAY AU	SD-30A90-01	1313
. BYD TDM CX SIG TY/ 2WY OPR OFF.TRK CKT ONE DIG TDM OPR-FOR OFF	SD-31A23-01	5G4
LEAD SUPV WITH OR / 2WY OPR OFF.TRK HIGH-LOW REV BAT. OR E AND M	SD-32190-01	12D2
C PULSE TRAN/ 2 WAY REPEATER OG BAT. AND GRD PULSING LOOP SUPV IN	SD-31674-01	5E4
/SET FOR SUB REC COMPL TRKS. OG TRKS FROM SEL MULT. COIN BOX TRK/	SD-31A5A-01	16C1
ITH RING BACK OG 2W TRK CKT TO SPL SERV OPR COIN W	SD-31752-01	6E2
IN WITH RINGBACK OG 2W TRK CKT TO SPL SERV OPR NON-CO	SD-31753-01	613
OGT CX PULSING CX SUPV TYPE B	SD-31745-01	6F3
OGT E AND M LEAD PULSING	SD-32244-01	23D2
ING OGT FOR CAMA CALLS BAT. AND GRD PULS	SD-32240-01	13B2
ING OGT FOR CAMA CALLS BAT. AND GRD PULS	SD-32199-01	13D2
ALING OGT FOR CAMA CALLS E AND M LEAD SIGN	SD-32241-01	13C2
INCPT SERV E AND M LEAD SUPV OGT FOR INFO REPAIR OFFICIAL PBX OR	SD-32311-01	21H2
QUEST OR INFO SERV E AND M / OGT FOR OFFICIAL PBX REPAIR VERIF RE	SD-32312-01	21H3
OGT LOOP PULSING	SD-32245-01	23B2
UPV NON- COIN W.O.RECALL WI/ OGT OR SUB REC COMPL TRK HIGH- LOW S	SD-31925-01	6C2
AND POLICE SERV. ARR TO TRI/ OGT 2W TO TOLL HD FOR HOSPITAL FIRE	SD-31A40-01	6B2
/ SX DERIVING CKT FOR NON PH OPEN WIRE LINES HAVING BRIDGED TOLL/	SD-95069-01	1212
E INTERVAL AUX LINE FOR OPERATING SUB REG WITH DELAYED CHARG	SD-320A2-01	1F1
N SPEC LEVELS OR FOR 2 DIGIT OPR /IF SRV ARR FOR ONE DIGIT OPR 0	SD-31A51-01	3C3
Y DIALING ARR FOR DIAL BACK OPR /R SX SUPV ONE WAY AUTO. ONE WA	SD-30A90-01	1313
R FOR COIN FIRST OR DT FIRST OPR /SE ON PREPAYMENT COIN LINES AR	SD-32053-01	1D1
/PE "B" EMER MAN.CKT FOR MAN OPR AND INCPT OF SUB LINE AND TRK C/	SD-32093-01	1713
/ "A" EMER MAN. CKT FOR MAN. OPR AND INCPT OF SUB LINE AND TRK C/	SD-32065-01	1A13
OG 2W TRK CKT TO SPL SERV OPR COIN WITH RING BACK	SD-31752-01	6E2
FF. AND ILOC TRK ONE DIG TDM OPR CX OR SX SIG TYPE "B"TB SUPPLY	SD-31A45-01	10E2
. ONE WAY DIAL ONE DIGIT TDM OPR CX SIG /FF. TRK CKT ONE WAY AUTO	SD-31A21-01	10B2
AND ILOC TRK CKT ONE DIG TDM OPR FOR OFF BYD TDM CX OR SX SIG /.	SD-31A44-01	5H4
/PR OFF.TRK CKT ONE DIG TDM OPR-FOR OFF. BYD TDM CX SIG TYPE "B/	SD-31A23-01	5G4

SD-31740-01-A24

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
ONE WAY DIAL ONE DIGIT TDM OPR LOOP SIG / TRK CKT ONE WAY AUTO	SD-31420-01	10C2
ORR AND ILOC TRK ONE DIG TDM OPR LOOP SIG BAT. GRD PULS TYPE "B" T/	SD-31446-01	10D2
OG 2W TRK CKT TO SPL. SERV. OPR NON-COIN WITH RINGBACK	SD-31753-01	613
W PROVIDES FOR RLS OF TRK TO OPR OFF. ON PERM SIGNAL. /ARY LINE S	SD-31494-01	113
ION FOR OFF BEYOND TD/ 2 WAY OPR OFF TRK CKT ONE DIGIT TDM OPERAT	SD-31422-01	5D3
AY DIAL ONE DIGIT TDM/ 2 WAY OPR OFF. TRK CKT ONE WAY AUTO. ONE W	SD-31421-01	10B2
AY DIAL ONE DIGIT TDM/ 2 WAY OPR OFF. TRK CKT ONE WAY AUTO. ONE W	SD-31420-01	10C2
OPR FOR OFF BYD / 2WY COMB. OPR OFF. AND ILOC TRK CKT ONE DIG TDM	SD-31444-01	5H4
E DIGIT TDM / 2 WAY COMBINED OPR OFFICE AND INTERLOCAL TRK CKT ON	SD-31477-01	5E3
Y AUTO. ONE WAY DIALING/ 2WY OPR OFF. TRK CKT CX OR SX SUPV ONE WA	SD-30490-01	1313
OFF. BYD TDM CX SIG TY/ 2WY OPR OFF. TRK CKT ONE DIG TDM OPR-FOR	SD-31423-01	5G4
ND M LEAD SUPV WITH OR / 2WY OPR OFF. TRK HIGH-LOW REV BAT. OR E A	SD-32190-01	12D2
/VERIF SRV ARR FOR ONE DIGIT OPR ON SPEC LEVELS OR FOR 2 DIGIT O/	SD-31451-01	3C3
/DISTRIBUTOR ARR FOR ONE DIG OPR ON SPEC LEVELS OR FOR 2 DIGIT O/	SD-32007-01	4E2
ICE CABLE INS ALM AND ARR TO OPR ON SPEC NO. OF PERM SIGS /OT DEV	SD-31912-01	11F2
ORIG REGISTER OUTPUTSING CONTROLLER	SD-32351-01	27E3
OSCILLATOR	SD-95427-01	2313
OUTPUTSER	SD-95411-01	23E3
OUTPUTSER CONNECTOR	SD-95490-01	23E2
MISC CKT OUTPUTSER FR	SD-95420-01	23D4
OUTPUTSER IDENTIFIER TEST	SD-95415-01	23C3
MISC CKT OUTPUTSER IDENTIFIER TRK TEST FR	SD-95422-01	23G4
ORIG REGISTER OUTPUTSING CONTROLLER	SD-32351-01	27E3
FOR RAPID OPERATION TEST OF OUT. REP	TEST CKT SD-31725-01	16C5
REV BAT. SUPV TYPE "B" TO S/ OUT. REP BAT. AND GRD PULS LONG RANGE	SD-32047-01	21F2
OVERFLOW TRK OR VACANT LEVEL TRK CKT	SD-31472-01	2F3
P		
AUX COIN LINE FOR DIAL POST PAYMENT LINE REL. RK MTG	SD-32146-01	1F2
SUPPLYING RINGING CURRENT TO PBX AND STA EOPTS RINGING LEADS FOR	SD-95667-01	4F2
PBX BAT. SUPPLY CKT	SD-90232-01	9B5
OGT FOR INFO REPAIR OFFICIAL PBX OR INCPT SERV E AND M LEAD SUPV	SD-32311-01	21H2
V E AND M / OGT FOR OFFICIAL PBX REPAIR VERIF REQUEST OR INFO SER	SD-32312-01	21H3
TER WITH AUTO. RLS OF TRK ON PERM SIG ARR FOR 3 DIGIT OFF. CODES	SD-30472-01	15F1
L REPEATERS PERM SIG TIMING AND DIAL TONE FOR SE	SD-31444-01	4D3
OR RLS OF TRK TO OPR OFF. ON PERM SIGNAL /ARY LINE SW PROVIDES F	SD-31494-01	113
CKT WITH AUTO. RLS OF TRK ON PERM SIGNALS BRANCH OFFICE SEL REP	SD-31914-01	15B2
ND ARR TO OPR ON SPEC NO. OF PERM SIGS /OT DEVICE CABLE INS ALM A	SD-31912-01	11F2
CONTROL AND AISLE PILOTS AND PERMANENT SIG TIMING CKT /M CKT ALM	SD-32192-01	11J3
/AND SX DERIVING CKT FOR NON PH OPEN WIRE LINES HAVING BRIDGED T/	SD-95069-01	1212
LM CKT ALM CONTROL AND AISLE PILOTS AND PERMANENT SIG TIMING CKT	SD-32192-01	11J3
JACK, KEY AND LAMP AND PLANT REGISTER CKT	SD-32333-01	26E2
SW PLT MTG	SD-31732-01	1G2
T FOR COMPLETION OF CALLS TO POLICE, FIRE AND AMBULANCE LINES / CK	SD-96469-01	20D1
ZUL BD FOR HOSPITAL FIRE AND POLICE SERV. ARR TO TRIP MACH RING /	SD-31440-01	6B2
AUX COIN LINE FOR DIAL POST PAYMENT LINE REL. RK MTG	SD-32146-01	1F2
COIN TRK DIAL POSTPAYMENT SERVICE	SD-32146-01	1E4
LY COIN TRUNK DIAL POSTPAYMENT SERVICE COIN STATIONS ON	SD-31732-01	1F4
K CKT FROM LOCAL OR A-B TOLL PRECEDING SEL MULT	INCPT TR SD-31767-01	7E2

SD-31740-01-425

CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
ORBING AND BLOCKING	TOLL PRECEDING SELECTOR ARR FOR DIGIT ARR	SD-33001-01 22G3
B TOLL CALLS	TOLL PRECEDING SELECTOR FOR COMPLETING A-	SD-31241-01 22F3
SE ALM	MISC ALM CKT PREPAY COIN TRK ALM AND COIN BAT. FU	SD-31975-01 11B3
KS. AUX LINE CKTS. TRK FDR AND	PREPAYMENT COIN BOX TRKS /G RATE TR	SD-3197A-01 1113
1/ DIAL LONG LINE FOR USE ON	PREPAYMENT COIN LINES ARR FOR COIN F	SD-32053-01 101
INITIAL COIN DEPOSITED AT DIAL	PREPAYMENT COIN STATION /TURNING IN	SD-32025-01 2E4
	COIN TRUNK DIAL PREPAYMENT SERVICE	SD-31592-02 1H4
T. TRK SWITCH 3 WIRE ARR FOR	PRESELECTION ROTARY OU	SD-30A6A-01 24C3
K SWITCH 3 OR 4 WIRE ARR FOR	PRESELECTION ROTARY OUT TR	SD-30A6A-01 2H2
OR TDM OPERATION NOT ARR FOR	PRESELECTION /TARY OUT. TRK SW CKT F	SD-31990-01 10H2
	NUMBER NETWORK AND PRIMARY BUS	SD-95A13-01 23E1
	PRIVATE LINE	SD-9612A-01 20G1
OPR ON SPEC NO. OF PERM/ CA	PROT DEVICE CABLE INS ALM AND ARR TO	SD-31912-01 11F2
ON / SUB LINE ROTARY LINE SW	PROVIDES FOR RLS OF TRK TO OPR OFF.	SD-31A9A-01 113
	LINE CKT FOR PUBLIC EMER REPORTING	SD-95A73-01 20F3
	OUT. REP BAT. AND GRD PULS BAT. AND GRD SUPV	SD-31147-01 21J2
OFF. BYD TDM CX SIG TYPE "B"	PULS CORR ON INC CA / TDM OPR-FOR	SD-31A23-01 5G4
B" TO S/ OUT. REP BAT. AND GRD	PULS LONG RANGE REV BAT. SUPV TYPE "	SD-320A7-01 21F2
WITH REP COILS BAT. AND GRD	PULS OR LOOP PULS REV BAT. SUPV /REP	SD-3200A-01 21A2
PS PE/ OUT. REP BAT. AND GRD	PULS OR LOOP PULS REV BAT. SUPV 2 RE	SD-31779-01 21B2
ITH CKTS ARR FOR BAT. AND GRD	PULS OVER QUADDED CABLE CONDUCTORS	SD-32032-01 21C3
ULSE CORRECTING BAT. AND GRD	PULS REV BAT. SUPV OUT. REP P	SD-31A92-01 21G2
LS BAT. AND GRD PULS OR LOOP	PULS REV BAT. SUPV /REP WITH REP COI	SD-3200A-01 21A2
ING SIG FOR LI/ INC REP LOOP	PULS REV BAT. SUPV ARR TO RTN FLASH	SD-30974-01 10D3
2 WAY ILDC TRK BAT. AND GRD	PULS REV BAT SUPV REP COIL TRANS	SD-31A42-01 5A3
EP BAT. AND GRD PULS OR LOOP	PULS REV BAT. SUPV 2 REPS PER BASE /	SD-31779-01 21B2
DIG TDM OPR LOOP SIG BAT. GRD	PULS TYPE "B" TB SUP / ILDC TRK ONE	SD-31A46-01 10D2
	DIAL PULSE CONVERTER CKT	SD-32324-01 26C3
	INC REPEATER PULSE CORRECTING	SD-321A4-01 10E3
	OUT. REPEATER PULSE CORRECTING	SD-321A4-01 2112
TH GROUNDED OR LOW INS MET L	PULSE CORRECTING AND DELAYED RNG /I	SD-31A4A-01 1E1
EV BAT. SUPV	OUT. REP PULSE CORRECTING BAT. AND GRD PULS R	SD-31A92-01 21G2
	INC PULSE CORRECTING TRK REP COIL TRANS.	SD-31929-01 13G2
	OUT. PULSE CORRECTING TRK REP COIL TRANS.	SD-31929-01 13H2
ILDC TRK CKT CX SIG TYPE "B"	PULSE CORRECTOR ON INC CALLS 2 WAY	SD-31A67-01 5F4
	PULSE GENERATOR AND COUNTING	SD-32310-01 20F2
	PULSE REPEATING TEST SET	SD-31667-01 16E4
ND GRD PULSING LOOP SUPV INC	PULSE TRANSMITTING /PEATER OG BAT. A	SD-31674-01 5E4
	OGT LOOP PULSING	SD-32245-01 23H2
	OGT B AND M LEAD PULSING	SD-32244-01 23D2
FOR CAMA CALLS BAT. AND GRD	PULSING OGT	SD-32240-01 13H2
FOR CAMA CALLS BAT. AND GRD	PULSING OGT	SD-32199-01 13D2
CALLS	AUX TRK LOOP PULSING ARR TO COMPLETE SERVICE CODE	SD-322A1-01 24C2
	OGT CX PULSING CX SUPV TYPE B	SD-31795-01 6F3
/AY REPEATER OG BAT. AND GRD	PULSING LOOP SUPV INC PULSE TRANSMI/	SD-31674-01 5E4
/ WITH REP COIL BAT. AND GRD	PULSING OR LOOP PULSING REV BAT. SU/	SD-3200A-01 10F3
	MF PULSING RECEIVING	SD-95536-01 23C4
BAT. AND GRD PULSING OR LOOP	PULSING REV BAT. SUPV /ITH REP COIL	SD-3200A-01 10F3
	PULSING TEST SET	SD-314A1-01 16D4
ELLS	PWR COIN CONT SUPPLY CKT USING DRY C	SD-40634-01 AH3

SD-317A0-01-426

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
Q		
RR FOR BAT. AND GRD PULS OVER QUADDED CABLE CONDUCTORS /TH CKTS A	SD-32032-01	21C3
R		
MISC CKT FOR ANGLE RELAY RACK BAYS	SD-32153-01	16E3
SE AND FUSE ALM CKTS FOR REL. RACKS	MISC ALM CKT KEY, RNG FII	SD-31974-01 11C3
FIC REGISTERS LOCATED ON REL. RACKS /LM CKT REGISTER CKT FOR TRAF	SD-31976-01	11G3
TEST CKT FOR RAPID OPERATION TEST OF OUT. REP	SD-31725-01	16C5
PREPAY/ MISC ALM CKT FOR MSG RATE TRKS, AUX LINE CKTS, TRK FOR AND	SD-31974-01	1113
SUB REC COMPL TRK	SD-32300-01	25H2
BACK COIN OR NON-COIN	REC COMPL TRK CX OR SX SIG WITH RING	SD-32042-01 6H3
INGBACK NON-COIN	REC COMPL TRK CX OR SX SIG WITHOUT R	SD-31944-01 6H3
CLASS OF SERVICE TONE	SUB REC COMPL TRK HIGH LOW SUPV COIN AND	SD-3216A-01 6F2
TO RECALL SUB AND FOR / SUB	REC COMPL TRK HIGH-LOW SUPV NON-COIN	SD-32136-01 612
IN W.O. RECALL W/ OGT OR SUB	REC COMPL TRK HIGH- LOW SUPV NON- CO	SD-31925-01 6C2
T. COIN BOX T/ T SET FOR SUB	REC COMPL TRKS, OG TRKS FROM SEL MUL	SD-3145A-01 16C1
ANSWER AND MAKE BUSY CKT FOR	REC COMPL TRKS TO TOLL SWBD TRK TR	SD-30993-01 20B4
/K HIGH-LOW SUPV NON-COIN TO RECALL SUB AND FOR CLASS OF SRV TON/	SD-32136-01	612
CYCLE SUPPLY SOURCE	MFP RECEIVER ADJUSTING USING ONE MW 1000	SD-95779-01 23B4
DIAL CHANNEL	RECEIVER CKT	SD-95956-01 20F4
DIAL CHANNEL	RECEIVER CKT	SD-95956-01 25D1
MF PULSING	RECEIVING	SD-95536-01 23C4
"TOUCH-TONE" CALLING	RECEIVING CKT	SD-9814A-01 26C4
MESSAGE	REG TRK	SD-320A2-01 1D4
AUX LINE FOR OPERATING SUB	REG WITH DELAYED CHARGE INTERVAL	SD-320A2-01 1F1
JACK, KEY AND LAMP AND PLANT	REGISTER CKT	SD-32333-01 26E2
DIAL TONE SPEED	REGISTER CKT	SD-96403-01 AF3
LOCATED ON REL / MISC ALM CKT	REGISTER CKT FOR TRAFFIC REGISTERS L	SD-31976-01 11G3
ORIG	REGISTER OUTPUTSING CONTROLLER	SD-32351-01 27E3
	REGISTER TRUNK AND LINK	SD-32353-01 27B3
ES MSG REGISTERS AND TRAFFIC	REGISTERS /ET FOR TESTING SUB LOW R	SD-32150-01 16F4
FOR TESTING SUB LOW RES MSG	REGISTERS AND TRAFFIC REGISTERS /ET	SD-32150-01 16F4
CKT REGISTER CKT FOR TRAFFIC	REGISTERS LOCATED ON REL RACKS /LM	SD-31976-01 11G3
G FUSE AND FUSE ALM CKTS FOR	REL RACKS	MISC ALM CKT KEY, RN
TRAFFIC REGISTERS LOCATED ON	REL RACKS /LM CKT REGISTER CKT FOR	SD-31976-01 11G3
E FOR DIAL POST PAYMENT LINE	REL RK MTG	AUX COIN LIN
		SD-32146-01 1F2
INTERRUPTER	RELAY CIRCUIT	SD-3146A-01 AB2
TRK ALTERNATING	RELAY CKT	SD-32063-01 2C4
GROUP AND ALARM	RELAY FOR LINE AND TRK FINDERS	SD-32194-01 20H2
MISC CKT FOR ANGLE	RELAY RACK BAYS	SD-32153-01 16E3
PTY SELECTIVE AND 4 OR/ DIL	RELAYED OR BYPASSED RNG INDIV 2 OR 4	SD-96234-01 19D3
S MET L PULSE CORRECTING AND	RELAYED RNG /ITH GROUNDED OR LOW IN	SD-3144A-01 1E1
COIN BOX TRK TIMED	RELEASE CKT	SD-31461-01 AC3
	TRK	RELEASE CKT FOR ALM SENDER
		SD-31993-01 AB3
LINE LOAD CONTROL CKT FOR	REMOTE CONTROL	SD-32104-01 1613
SE WITH SEL REPEATER OR OUT. REP	MAKE BUSY FOR U	SD-30A55-01 15G2
UPV	OUT. REP BAT. AND GRD PULS	BAT. AND GRD S
		SD-31147-01 21J2

SD-31740-01-427

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
EV BAT. SUPV 2 REPS PE/ OUT. REP BAT. AND GRD PULS OR LOOP PULS R	SD-31779-01	21B2
M SIGNALS BRANCH OFFICE SEL. REP CKT WITH AUTO. RLS OF TRK ON PER	SD-31914-01	15B2
FROM MAN. OR TOLL OFF. WITH REP COIL. INC TRK CKT	SD-31456-01	12F2
PH OPEN WIRE LINES HAVING / REP COIL AND SX DERIVING CKT FOR NON	SD-95069-01	12I2
P PULSING REV / INC REP WITH REP COIL BAT. AND GRD PULSING OR L00	SD-32004-01	10F3
OR W.O. DIG ABS ON SPEC LEV REP COIL COIN CONT /TOLL CALLS WITH	SD-31723-01	22E3
INC PULSE CORRECTING TRK REP COIL TRANS.	SD-31929-01	13G2
OUT. PULSE CORRECTING TRK REP COIL TRANS.	SD-31929-01	13H2
T. AND GRD PULS REV BAT SUPV REP COIL TRANS 2 WAY ILOC TRK BA	SD-31842-01	5A3
PULS REV BAT. / OUT. REP WITH REP COILS BAT. AND GRD PULS OR LOOP	SD-32004-01	21A2
TV FLASHING SIG FOR LI/ INC REP LOOP PULS REV BAT. SUPV ARR TO R	SD-30974-01	10D3
LS REV BAT. SUPV OUT. REP PULSE CORRECTING BAT. AND GRD PU	SD-31492-01	21G2
NG OR LOOP PULSING REV / INC REP WITH REP COIL BAT. AND GRD PULS	SD-32004-01	10F3
OR LOOP PULS REV BAT. / OUT. REP WITH REP COILS BAT. AND GRD PULS	SD-32004-01	21A2
AND M LEAD SUPV OGT FOR INFO REPAIR OFFICIAL PBX OR INCPT SERV E	SD-32311-01	21H2
AND M / OGT FOR OFFICIAL PBX REPAIR VERIF REQUEST OR INFO SERV E	SD-32312-01	21H3
L OR A PARTY/ DIAL LONG LINE REPEATED RNG FOR USE WITH 4 PARTY SE	SD-95435-01	19E3
/DB SEL ARR TO ABSORB DIGITS REPEATEDLY + TO RESTRICT SRV UNTIL /	SD-33027-01	24G3
/ TO ABS DIG. ONCE ONLY + OR REPEATEDLY + TO RST SRV UNTIL A DIG/	SD-95499-01	24E3
/X TRK FOR USE WITH SELECTOR REPEATER ARR TO CUT THRU WHEN DIGIT/	SD-30456-01	15F2
P SUPV INC PULSE TRAN/ 2 WAY REPEATER OG BAT. AND GRD PULSING L00	SD-31674-01	5E4
MAKE BUSY FOR USE WITH SEL REPEATER OR OUT. REP	SD-30455-01	15G2
INC REPEATER PULSE CORRECTING	SD-32144-01	10E3
OUT. REPEATER PULSE CORRECTING	SD-32144-01	21I2
MISC ALM CKT SELECTOR REPEATER SHELVE CKTS	SD-32102-01	11F3
R4 SIG AR/ BRANCH OFFICE SEL REPEATER WITH AUTO. RLS OF TRK ON PE	SD-30472-01	15F1
TIMING AND DIAL TONE FOR SEL REPEATERS PERM SIG	SD-31444-01	4D3
ZWAY SLEEVE REPEATING CKT	SD-32062-01	7F4
0 OHMS OR LE/ 2 WAY TRK DIAL REPEATING ON OUT. CALLS LOOP RES 300	SD-31602-01	13F2
PULSE REPEATING TEST SET	SD-31667-01	16E4
LINE CKT FOR PUBLIC EMER REPORTING	SD-95473-01	20F3
OR LOOP PULS REV BAT. SUPV 2 REPS PER BASE /EP BAT. AND GRD PULS	SD-31779-01	21B2
/R OFFICIAL PBX REPAIR VERIF REQUEST OR INFO SERV E AND M LEAD S/	SD-32312-01	21H3
E "B" OR SX SIG-CONT RNG AND RERING-ON OR NON COIN /L CX SIG TYP	SD-31447-01	6D2
UPV 20 CY RNG START SIG WITH RERING OR W.O. COIN CONT /WET DRY S	SD-31703-01	14E3
/BST SET FOR TESTING SUB LOW RES MSG REGISTERS AND TRAFFIC REGIS/	SD-32150-01	16F4
200 POINT 4 WIRE LOW RES SLEEVE	SD-33015-01	1E3
FINDER 200 POINT 3 WIRE LOW RES SLEEVE	LINE SD-33013-01	1D3
REPEATING ON OUT. CALLS LOOP RES 3000 OHMS OR LESS /WAY TRK DIAL	SD-31602-01	13F2
LINE OR TRK TRANSFER CKT FOR RESTORING SERV ON AN EMER BASIS	SD-95690-01	20H5
AUX TRK ARR TO RESTRICT SERVICE	SD-32147-01	21C2
/SORB DIGITS REPEATEDLY + TO RESTRICT SRV UNTIL A DIGIT IS ABSOR/	SD-33027-01	24G3
DIAL PREPAY/ AUX TRK CKT FOR RETURNING INITIAL COIN DEPOSITED AT	SD-32025-01	2E4
R / 2WY OPR OFF. TRK HIGH-LOW REV BAT. OR E AND M LEAD SUPV WITH 0	SD-32190-01	12D2
CORRECTING BAT. AND GRD PULS REV BAT. SUPV OUT. REP PULSE	SD-31492-01	21G2
GRD PULSING OR LOOP PULSING REV BAT. SUPV /ITH REP COIL BAT. AND	SD-32004-01	10F3
T. AND GRD PULS OR LOOP PULS REV BAT. SUPV /REP WITH REP COILS BA	SD-32004-01	21A2
IG FOR LI/ INC REP LOOP PULS REV BAT. SUPV ARR TO RTN FLASHING S	SD-30974-01	10D3
R LINE SEMI- SEL RNG TO CANC REV BAT. SUPV ON SPEC LEVELS /4 PE	SD-31416-01	3H3
Y ILOC TRK BAT. AND GRD PULS REV BAT SUPV REP COIL TRANS 2 WA	SD-31442-01	5A3

SD-31740-01-124

CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
SEMI-SEL RNG ARR TO CANCEL REV BAT. SUPV SPEC LEV /M. PER LINE	SD-30977-01	312
0. ST OF/ TOLL TRANS SEL CKT REV BAT. SUPV SX START OF RNG OR T N	SD-31A41-01	14F3
BAT. AND GRD PULS LONG RANGE REV BAT. SUPV TYPE "B" TO SUPPLY /EP	SD-320A7-01	21F2
T. AND GRD PULS OR LOOP PULS REV BAT. SUPV 2 REPS PER BASE /EP BA	SD-31779-01	21B2
G CONN ONE RNG ARR TO CANCEL REV BAT. SUPV ON SPEC LEVELS / ROT HT	SD-30950-01	3D3
COIN BOX TRKS SELS CONN AND REV CA /RKS. OG TRKS FROM SEL MULT.	SD-31A5A-01	16C1
PTY SEL OR SEMI-SEL SRV AR/ REV CALL SEL A PTY SEMI-SEL AND/OR 4	SD-3097A-01	2J2
FOR CONNECTORS SELECTORS AND REV CALL SELS TEST SET	SD-31A59-01	16B1
ED RNG TERM. PER STA ARR FOR REV CALLS / 5 CODE FOR 10 PTY DIVID	SD-31A10-01	311
OR 5 PTY BRIDGED RNG ARR FOR REV CALLS /LINE 10 PTY DIVIDED RNG	SD-30956-01	3C2
DC RNG TERM. PER STA ARR FOR REV CALLS /ONN 200 PT MULTI-PTY AC-	SD-33009-01	3E2
DC RNG TERM. PER STA ARR FOR REV CALLS /ROT HTG MULTI- PARTY AC-	SD-33006-01	3E3
-DC RNG TERM. PER STA ARR FOR REV CALLS / CONN 200 PT MULTI-PTY AC	SD-33005-01	3G1
- SELECTIVE RNG REVERTING CALL SELECTOR 4 PARTY SEMI	SD-31A31-01	212
LOCAL CONN ONE RING	SD-31737-01	3A1
COMB CONN TWO RING	SD-31A33-01	3C1
LOCAL CONN TWO RING	SD-31A32-01	3A2
COMB. CONN ONE RING	SD-31739-01	3D2
COIN CONN CKT ONE RING	SD-33022-01	9B2
OR AUX L CKTS FOR GRD ST ON RING / RTN AT END OF EACH CALL. LINE	SD-95607-01	19G3
KT TO SPL SERV OPR COIN WITH RING BACK OG 2W TRK C	SD-31752-01	6E2
T TRK TO DST OFF. ARR TO TRIP RING. ONLY DURING RINGING INTERVAL	SD-31771-01	7H3
OLICE SERV. ARR TO TRIP MACH RING W.O. CHG / HOSPITAL FIRE AND P	SD-31A40-01	6B2
EMERGENCY RINGBACK	SD-950A3-01	20E2
0 SPL SERV OPR NON-COIN WITH RINGBACK OG 2W TRK CKT T	SD-31753-01	613
COMPL TRK CX OR SX SIG WITH RINGBACK COIN OR NON-COIN REC	SD-320A2-01	6H3
MPL TRK CX OR SX SIG WITHOUT RINGBACK NON-COIN REC CO	SD-31A4A-01	6H3
GING 2 WAY LINE OR TRK INC RINGDOWN OUT. DIAL SELECTED CODE RIN	SD-319A3-01	10F2
CKT ONE DIGIT TDM OPERATION RINGDOWN SIG 2 WAY TDM TRK	SD-31A7A-01	10G2
TEST TRK RINGING	SD-96A7A-01	1A82
DOWN OUT. DIAL. SELECTED CODE RINGING 2 WAY LINE OR TRK INC RING	SD-319A3-01	10F2
OR 20 CY RNG START SIG TIMED RINGING CKT FOR TOLL TRANS SEL ARR F	SD-32196-01	20J1
RINGING LEADS FOR SUPPLYING RINGING CURRENT TO PBX AND STA EQPTS	SD-95667-01	AF2
RR TO TRIP RING. ONLY DURING RINGING INTERVAL / TRK TO DST OFF. A	SD-31771-01	7H3
CURRENT TO PBX AND STA EQPTS RINGING LEADS FOR SUPPLYING RINGING	SD-95667-01	AF2
R DIAL POST PAYMENT LINE REL RK MTG AUX COIN LINE FO	SD-321A6-01	1F2
/ICE SEL. REPEATER WITH AUTO. RLS OF TRK ON PERM SIG ARR FOR 3 DI/	SD-30A72-01	15F1
FFICE SEL. REP CKT WITH AUTO. RLS OF TRK ON PERM SIGNALS BRANCH 0	SD-3191A-01	15B2
/ROTARY LINE SW PROVIDES FOR RLS OF TRK TO OPR OFF. ON PERM SIG/	SD-31A9A-01	113
CTOR 4 PARTY SEMI- SELECTIVE RNG REVERTING CALL SELS	SD-31A31-01	212
START OF RNG OR T NO. ST OF RNG FOR DIG ABS BLKG /AT. SUPV SX	SD-31A11-01	14F3
PULSE CORRECTING AND RELAYED RNG /ITH GROUNDED OR LOW INS MET L	SD-31A4A-01	1E1
ERM. PER LINE 10 PTY DIVIDED RNG /NTING 5 PTY BRIDGED OR 5 CD T	SD-30957-01	3B3
TING LOCAL OR TOLL TRAIN FOR RNG AND CONTINUITY TEST LINE FOR TES	SD-31932-01	16C2
SIG TYPE "B" OR SX SIG-CONT RNG AND RERING-CN OR NON COIN /L CX	SD-31A47-01	6D2
DIVIDED RNG OR 5 PTY BRIDGED RNG ARR FOR REV CALLS /LINE 10 PTY	SD-30956-01	3C2
/TY TERM. PER LINE SEMI- SEL RNG ARR TO CANCEL REV BAT. SUPV SPB/	SD-30977-01	312
EC LE/ COMB ROT HTG CONN ONE RNG ARR TO CANCEL REV BAT. SUPV ON SP	SD-30950-01	3D3
RTY/ DIAL LONG LINE REPEATED RNG FOR USE WITH 4 PARTY SEL OR A PA	SD-95A35-01	19E3
ACKS MISC ALM CKT KEY. RNG FUSE AND FUSE ALM CKTS FOR REL R	SD-3197A-01	11C3

SD-317A0-01- A29

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
OR/ DLL DELAYED OR BYPASSED RNG INDIV 2 OR 4 PTY SELECTIVE AND 4	SD-96234-01	19D3
/T REV BAT. SUPV SX START OF RNG OR T NO. ST OF RNG FOR DIG AB/	SD-31841-01	14F3
/RM. PER LINE 10 PTY DIVIDED RNG OR 5 PTY BRIDGED RNG ARR FOR RE/	SD-30956-01	3C2
TOLL TRANS SEL ARR FOR 20 CY RNG START SIG TIMED RINGING CKT FOR	SD-32196-01	20J1
/OLL SWBD WET DRY SUPV 20 CY RNG START SIG WITH RERING OR W.O. C/	SD-31703-01	14E3
LOC CONN A PTY SEMI-SEL RNG TERM. PER LINE	SD-30979-01	3B2
Y DIVIDED OR 10 PTY BRIDGED RNG TERM. PER LINE LOC CONN 10 PT	SD-31920-01	3B1
TY BRIDGED OR 10 PTY DIVIDED RNG TERM. PER LINE /N 5 CODE FOR 5 P	SD-30973-01	3F2
B. CONN 200 PT MULTI-PTY SUP RNG TERM. PER STA	COM SD-33010-01	3F1
CONN 200 PT MULTI-PARTY SUP RNG TERM. PER STA	LOC SD-33007-01	3F3
/N 5 CODE FOR 10 PTY DIVIDED RNG TERM. PER STA ARR FOR REV CALLS/	SD-31810-01	311
/ ROT HTG MULTI- PARTY AC-DC RNG TERM. PER STA ARR FOR REV CALLS/	SD-33006-01	3E3
/CONN 200 PT MULTI-PTY AC-DC RNG TERM. PER STA ARR FOR REV CALLS/	SD-33009-01	3E2
COMB. CONN A PTY SEMI-SEL RNG TERM. PER LINE	SD-31815-01	3D1
LOC CONN A PTY SEMI-SEL RNG TERM. PER STA	SD-31805-01	3H1
0 PT ROT HTG MULTI-PARTY SUP RNG TERM. PER STA LOC CONN 20	SD-33008-01	3H2
CONN 200 PT MULTI-PTY AC-DC RNG TERM. PER STA ARR FOR REV CALLS /	SD-33005-01	3G1
/TY TERM PER LINE SEMI- SEL RNG TO CANC REV BAT. SUPV ON SPEC L/	SD-31816-01	3H3
EV BAT. SUPV ON SPEC LE/ COMB ROT HTG CONN ONE RNG ARR TO CANCEL R	SD-30950-01	3D3
MI- SEL RNG TO CANC R/ COMB. ROT HTG CONN A PTY TERM PER LINE SE	SD-31816-01	3H3
I- SEL RNG ARR TO CANCE/ LOC ROT HTG CONN APTY TERM. PER LINE SEM	SD-30977-01	312
PER STA AR/ LOC CONN 200 PT ROT HTG MULTI- PARTY AC-DC RNG TERM.	SD-33006-01	3E3
STA LOC CONN 200 PT ROT HTG MULTI-PARTY SUP RNG TERM. PER	SD-33008-01	3H2
ERM. PER LINE 10 P/ LOC CONN ROT HUNTING 5 PTY BRIDGED OR 5 CD T	SD-30957-01	3B3
LOC CONN ROTARY HUNTING	SD-31738-01	3G2
SUB LINE ROTARY LINE SW	SD-31259-01	1J3
RK TO OPR OFF. ON / SUB LINE ROTARY LINE SW PROVIDES FOR RLS OF T	SD-31898-01	113
TION NOT ARR FOR PRESELECTI/ ROTARY OUT. TRK SW CKT FOR TOM OPERA	SD-31990-01	10H2
ROTARY OUT TRK SWITCH 3 OR 4 WIRE	SD-32253-01	2G3
ROTARY OUT TRK SWITCH 3 OR 4 WIRE AR	SD-30868-01	2H2
ROTARY OUT. TRK SWITCH 3 WIRE ARR FO	SD-30868-01	24C3
CE ONLY + OR REPEATEDLY + TO RST SRV UNTIL A DIG. IS ABS /IG. ON	SD-95898-01	24E3
/P PULS REV BAT. SUPV ARR TO RTN FLASHING SIG FOR LINE OR TRK B/	SD-30974-01	10D3
/ AUX LINE ARR TO APPLY COIN RTN AT END OF EACH CALL, LINE OR AUX	SD-95607-01	19G3

S

SECOND SELECTOR	SD-30976-01	2B3
SECOND SELECTOR	SD-33003-01	2B3
SECOND SELECTOR	SD-30200-01	2B3
SECOND SELECTOR	SD-32077-01	2B3
SECOND SELECTOR	SD-32183-01	2B3
SECONDARY NETWORK AND BUS CONNECTOR	SD-95814-01	23C1
MISC CKT SECONDARY NETWORK FR	SD-95814-01	23F4
TOLL INTER SEL ARR FOR NON DIGIT ABSORBING	SD-31744-01	22J3
D RINGING CKT FOR TOLL TRANS SEL ARR FOR 20 CY RNG START SIG TIME	SD-32196-01	20J1
REPEATEDLY + TO RST SRV/ CODE SEL ARR TO ABS DIG. ONCE ONLY + OR R	SD-95898-01	24E3
+ TO RESTRICT SRV UNTI/ CODE SEL ARR TO ABSORB DIGITS REPEATEDLY	SD-33027-01	24G3
CALLS WITH OR W.O/ TOLL TRNSV SEL CKT FOR COMPLETING IT. DIALING C	SD-31681-01	14F4
G OR T NO. ST OF/ TOLL TRANS SEL CKT REV BAT. SUPV SX START OF RN	SD-31841-01	14F3

SD-31740-01-430

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
INC TRK CKT TO TOLL INC SEL CX SIG TYPE "B" OR SX SIG	SD-31865-01	6H2
NG / INC TRK CKT TO TOLL INC SEL CX SIG TYPE "B" OR SX SIG-CONT R	SD-31897-01	6D2
W.O. DIG ABS ON/ TOLL TRMSN SEL FOR COMPL 3-B TOLL CALLS WITH OR	SD-31723-01	22E3
/CPT TRK FROM CONV TERMS. OR SEL LEV FOR USE WITH AN ANN MACH AN/	SD-32202-01	7C2
INCPT TRK CKT FROM TOLL SEL MULT	SD-32163-01	7G2
LOCAL OR 3-B TOLL PRECEDING SEL MULT	SD-31767-01	7E2
INCPT TRK CKT FROM	SD-31859-01	16C1
/EC COMPL TRKS. OG TRKS FROM SEL MULT. COIN BOX TRKS SELS CONV 4/	SD-30974-01	2J2
/A PTY SEMI-SEL AND/OR 4 PTY SEL OR SEMI-SEL SRV ARR FOR 2 DIGIT/	SD-95435-01	19E3
ED RNG FOR USE WITH 4 PARTY SEL OR 4 PARTY SEMI-SEL LINES /EPEA	SD-31914-01	15B2
PERM SIGNALS BRANCH OFFICE SEL REP CKT WITH AUTO. RLS OF TRK ON	SD-30455-01	15G2
MAKE BUSY FOR USE WITH SEL REPEATER OR OUT. REP	SD-30972-01	15F1
N PERM SIG AR/ BRANCH OFFICE SEL REPEATER WITH AUTO. RLS OF TRK 0	SD-31844-01	AD3
SIG TIMING AND DIAL TONE FOR SEL REPEATERS	SD-30977-01	3I2
/N APTY TERM. PER LINE SEMI- SEL RNG ARR TO CANCEL REV BAT. SUPV/	SD-31816-01	3H3
/ A PTY TERM PER LINE SEMI- SEL RNG TO CANG REV BAT. SUPV ON SP/	SD-32043-01	11D3
MISC ALM CKT SEL SHELF CKTS	SD-31745-01	22D3
.O. DIG ABS AND / TOLL TRMSN SEL WITH OR W.O. COIN CONT WITH OR W	SD-30974-01	2J2
OR SEMI-SEL SRV AR/ REV CALL SEL A PTY SEMI-SEL AND/OR 4 PTY SEL	SD-31993-01	10F2
R TRK INC RINGDOWN OUT. DIAL SELECTED CODE RINGING 2 WAY LINE 0	SD-96234-01	19D3
/PASSED RNG INDIV 2 OR 4 PTY SELECTIVE AND 4 OR A PTY SEMI-SELEC/	SD-31431-01	2I2
CALL SELECTOR 4 PARTY SEMI- SELECTIVE RNG REVERTING	SD-30976-01	2B3
SECOND SELECTOR	SD-31453-01	22A2
COIN CONTROL SELECTOR	SD-33003-01	2B3
SECOND SELECTOR	SD-30200-01	2B3
SECOND SELECTOR	SD-32077-01	2B3
SECOND SELECTOR	SD-32143-01	2B3
SECOND SELECTOR	SD-30976-01	2C3
INCOMING OR INTERMEDIATE SELECTOR	SD-33003-01	2C3
INCOMING OR INTERMEDIATE SELECTOR	SD-30200-01	2C3
INCOMING OR INTERMEDIATE SELECTOR	SD-32077-01	2C3
INCOMING OR INTERMEDIATE SELECTOR	SD-30999-01	2C3
INCOMING OR INTERMEDIATE SELECTOR	SD-32143-01	2C3
INCOMING OR INTERMEDIATE SELECTOR	SD-32077-01	2D3
SERVICE CODE SELECTOR	SD-33001-01	22G3
BLOCKING TOLL PRECEDING SELECTOR ARR FOR DIGIT ABSORBING AND	SD-32123-01	9D2
SELECTOR BANK MULTIPLE CKT	SD-31241-01	22F3
LS TOLL PRECEDING SELECTOR FOR COMPLETING 3-B TOLL CAL	SD-30956-01	15F2
EN DIG/ AUX TRK FOR USE WITH SELECTOR REPEATER ARR TO CUT THRU WH	SD-32102-01	11F3
MISC ALM CKT SELECTOR REPEATER SHELF CKTS	SD-30976-01	2B2
FIRST SELECTOR 3 WIRE WITH LINE LOCKOUT	SD-33003-01	2B2
FIRST SELECTOR 3 WIRE WITH LINE LOCKOUT	SD-32077-01	2B2
FIRST SELECTOR 3 WIRE WITH LINE LOCKOUT	SD-32143-01	2B2
FIRST SELECTOR 3 WIRE WITH LINE LOCKOUT	SD-30976-01	2C2
FIRST SELECTOR 3 WIRE WITHOUT LINE LOCKOUT	SD-33003-01	2C2
FIRST SELECTOR 3 WIRE WITHOUT LINE LOCKOUT	SD-30200-01	2C2
FIRST SELECTOR 3 WIRE WITHOUT LINE LOCKOUT	SD-32077-01	2C2
FIRST SELECTOR 3 WIRE WITHOUT LINE LOCKOUT	SD-32143-01	2C2
REVERTING CALL SELECTOR 4 PARTY SEMI- SELECTIVE RNG	SD-31431-01	2I2
FIRST SELECTOR 4 WIRE WITH LINE LOCKOUT	SD-30976-01	2D2

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CIRCUIT TITLE	DRAWING NO.	BLK LOC		
FIRST SELECTOR 4 WIRE WITH LINE LOCKOUT	SD-33003-01	2D2		
FIRST SELECTOR 4 WIRE WITH LINE LOCKOUT	SD-32077-01	2D2		
FIRST SELECTOR 4 WIRE WITH LINE LOCKOUT	SD-32143-01	2D2		
FIRST SELECTOR 4 WIRE WITHOUT LINE LOCKOUT	SD-30976-01	2F2		
FIRST SELECTOR 4 WIRE WITHOUT LINE LOCKOUT	SD-33003-01	2F2		
FIRST SELECTOR 4 WIRE WITHOUT LINE LOCKOUT	SD-32077-01	2F2		
FIRST SELECTOR 4 WIRE WITHOUT LINE LOCKOUT	SD-32143-01	2F2		
TEST SET FOR CONNECTORS SELECTORS AND REV CALL SELS	SD-31459-01	16B1		
CTORS SELECTORS AND REV CALL SELS	TEST SET FOR CONNE	SD-31459-01	16B1	
FROM SEL MULT. COIN BOX TRKS	SELS CONN AND REV CA /RKS. OG TRKS	SD-3145A-01	16C1	
L SRV AR/ REV CALL SEL 4 PTY	SEMI-SEL AND/OR 4 PTY SEL OR SEMI-SE	SD-3097A-01	2J2	
WITH 4 PARTY SEL OR 4 PARTY	SEMI-SEL LINES /REPEATED RNG FOR USE	SD-95435-01	19E3	
/TG CONN APTY TERM. PER LINE	SEMI- SEL RNG ARR TO CANCEL REV BAT/	SD-30977-01	3I2	
LOC CONN A PTY	SEMI-SEL RNG TERM. PER LINE	SD-30979-01	3B2	
COMB. CONN A PTY	SEMI-SEL RNG TERM. PER LINE	SD-31A15-01	3D1	
LOC CONN A PTY	SEMI-SEL RNG TERM. PER STA	SD-31A05-01	3H1	
/G CONN A PTY TERM PER LINE	SEMI- SEL RNG TO CANC REV BAT. SUPV/	SD-31A16-01	3H3	
/SEMI-SEL AND/OR 4 PTY SEL OR	SEMI-SEL SRV ARR FOR 2 DIGIT OPERAT/	SD-3097A-01	2J2	
PTY SELECTIVE AND 4 OR 4 PTY	SEMI-SELECTIVE /D RNG INDIV 2 OR 4	SD-96234-01	19D3	
ERTING CALL SELECTOR 4 PARTY	SEMI- SELECTIVE RNG	REV	SD-31A31-01	2I2
TRK RELEASE CKT FOR ALM SENDER			SD-31993-01	AB3
MISC ALM CKT ALM SENDER			SD-32193-01	1132
ITH MAIN AND EXT STATIONS ON SEPARATE LOOPS /OFF FOR IND LINES W			SD-9646A-01	19C3
Y ONE OR 2 TERMINAL PER LINE	SERV /ST CONN FOR USE WITH MULTI- PT		SD-31773-01	4C2
/OR HOSPITAL FIRE AND POLICE	SERV. ARR TO TRIP MACH RING W.O. CH/		SD-31A40-01	6B2
REPAIR VERIF REQUEST OR INFO	SERV E AND M LEAD SUPV /FICIAL PBX		SD-32312-01	21H3
REPAIR OFFICIAL PBX OR INCPT	SERV E AND M LEAD SUPV OGT FOR INFO		SD-32311-01	21H2
K TRANSFER CKT FOR RESTORING	SERV ON AN EMER BASIS	LINE OR TR	SD-95690-01	20H5
OG 2W TRK CKT TO SPL	SERV OPR COIN WITH RING BACK		SD-31752-01	6E2
OG 2W TRK CKT TO SPL	SERV OPR NON-COIN WITH RINGBACK		SD-31753-01	6I3
COIN TRK DIAL POSTPAYMENT SERVICE			SD-32146-01	1E4
COIN TRUNK DIAL PREPAYMENT SERVICE			SD-31592-02	1H4
AUX TRK ARR TO RESTRICT SERVICE			SD-32187-01	21C2
PTER CKT ADDITIONAL CLASS OF SERVICE		TONE INTERRU	SD-31A25-01	AD2
LOOP PULSING ARR TO COMPLETE	SERVICE CODE CALLS	AUX TRK	SD-322A1-01	21C2
	SERVICE CODE SELECTOR		SD-32077-01	2D3
COIN TRUNK DIAL POSTPAYMENT	SERVICE COIN STATIONS ONLY		SD-31732-01	1F4
	SERVICE OBSERVING NETWORK		SD-95A29-01	2332
H LOW SUPV COIN AND CLASS OF SERVICE	TONE SUB REC COMPL TRK	HIG	SD-3216A-01	6F2
COIN W.O. RECALL WITH CLASS OF SERVICE	TONE /HIGH- LOW SUPV NON- C		SD-31925-01	6C2
	PULSING TEST SET		SD-314A1-01	16D4
	PULSE REPEATING TEST SET		SD-31667-01	16E4
	CONVERTER TEST SET		SD-32330-01	26D2
TING SUB LINES AND TRU/ TEST SET	CKT LOCAL TEST CAB. NO. 2 FOR TES		SD-96002-01	16E1
CALL SELS	TEST SET FOR CONNECTORS SELECTORS AND REV		SD-31459-01	16B1
FROM SEL MULT. COIN BOX T/ T	SET FOR SUB REC COMPL TRKS. OG TRKS		SD-31A5A-01	16C1
STERS AND TRAFFIC REGI/ TEST SET	FOR TESTING SUB LOW RES MSG REGI		SD-32150-01	16F4
	MISC ALM CKT SEL SHELF CKTS		SD-32043-01	11D3
	MISC ALM CKT CONN SHELF CKTS		SD-32045-01	11H3
SC ALM CKT SELECTOR REPEATER	SHELF CKTS	MI	SD-32102-01	11F3

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
C ALM CKT FOR TRUNK AND MISC SHELVES	MIS SD-3204A-01	11E3
KT TYPE "A" T.B. SUPPLY LOOP SIG	2 WAY TRK C SD-31A74-01	5B3
KT TYPE "B" T.B. SUPPLY LOOP SIG	2 WAY TRK C SD-31747-01	5C3
INC SEL CX SIG TYPE "B" OR SX SIG	INC TRK CKT TO TOLL SD-31A65-01	6H2
DIGIT TDM OPERATION RINGDOWN SIG	2 WAY TDM TRK CKT ONE SD-31A7A-01	10G2
DIAL ONE DIGIT TDM OPR LOOP SIG	/ TRK CKT ONE WAY AUTO. ONE WAY SD-31A20-01	10C2
OPR FOR OFF BYD TDM CX OR SX SIG	/ AND ILOC TRK CKT ONE DIG TDM SD-31A44-01	5H4
TION FOR OFF BEYOND TDM LOOP SIG	/FF TRK CKT ONE DIGIT TDM OPERA SD-31A22-01	5D3
ONE DIGIT TDM OPERATION LOOP SIG	/OFFICE AND INTERLOCAL TRK CKT SD-31A77-01	5E3
AY DIAL ONE DIGIT TDM OPR CX SIG	/FF. TRK CKT ONE WAY AUTO. ONE W SD-31A21-01	10B2
ITH AUTO. RLS OF TRK ON PERM SIG	ARR FOR 3 DIGIT OFF. CODES /ER W SD-30A72-01	15P1
ILOC TRK ONE DIG TDM OPR LOOP SIG	BAT. GRD PULS TYPE "B" TB SUP / I SD-31A46-01	10D2
/C SEL CX SIG TYPE "B" OR SX SIG	-CONT RNG AND RERING-CN OR NON C/ SD-31A47-01	6D2
T. SUPV ARR TO RTN FLASHING SIG	FOR LINE OR TRK BUSY /LS REV BA SD-30A74-01	10D3
SEL ARR FOR 20 CY RNG START SIG	TIMED RINGING CKT FOR TOLL TRANS SD-32196-01	20J1
EATERS PERM SIG	TIMING AND DIAL TONE FOR SEL REP SD-31A44-01	AD3
D AISLE PILOTS AND PERMANENT SIG	TIMING CKT /M CKT ALM CONTROL AN SD-32192-01	11J3
MAN. OR TOLL OFF. AB TOLL CX SIG	TYPE "B" 2 WAY TRK CKT TO SD-31749-01	5H3
C TRK CKT TO TOLL INC SEL CX SIG	TYPE "B" OR SX SIG IN SD-31A65-01	6H2
/ TRK CKT TO TOLL INC SEL CX SIG	TYPE "B" OR SX SIG-CONT RNG AND/ SD-31A47-01	6D2
TDM OPR-FOR OFF. BYD TDM CX SIG	TYPE "B" PULS CORR ON INC CA / SD-31A23-01	5G4
CALLS 2 WAY ILOC TRK CKT CX SIG	TYPE "B" PULSE CORRECTOR ON INC SD-31A67-01	5F4
TRK ONE DIG TDM OPR CX OR SX SIG	TYPE "B" TB SUPPLY /F. AND ILOC SD-31A45-01	10E2
WET DRY SUPV 20 CY RNG START SIG	WITH RERING OR W.O. COIN CONT / SD-31703-01	14E3
REC COMPL TRK CX OR SX SIG	WITH RINGBACK COIN OR NON-COIN SD-32042-01	6H3
REC COMPL TRK CX OR SX SIG	WITHOUT RINGBACK NON-COIN SD-31AAA-01	6H3
S OF TRK TO OPR OFF. ON PERM SIGNAL	/ARY LINE SW PROVIDES FOR RL SD-31A9A-01	113
Y SIGNAL CKT NO-SUCH NUMBER TONE SUPPL	SD-96357-01	AE3
MF SIGNAL GENERATOR	SD-95A67-01	23E4
FOR CAMA CALLS E AND M LEAD SIGNALING	OGT SD-32241-01	13C2
ITH AUTO. RLS OF TRK ON PERM SIGNALS	BRANCH OFFICE SEL REP CKT W SD-31914-01	15B2
R TO OPR ON SPEC NO. OF PERM SIGS	/OT DEVICE CABLE INS ALM AND AR SD-31912-01	11F2
200 POINT 4 WIRE LOW RES SLEEVE	SD-33015-01	1E3
DER 200 POINT 3 WIRE LOW RES SLEEVE	LINE FIN SD-33013-01	1D3
2WAY SLEEVE REPEATING CKT	SD-32062-01	7F4
ING ONE MW 1000 CYCLE SUPPLY SOURCE	MFP RECEIVER ADJUSTING US SD-95779-01	23B4
ARR TO CANCEL REV BAT. SUPV SPEC LEV	/M. PER LINE SEMI- SEL RNG SD-30977-01	312
ALLS WITH OR W.O. DIG ABS ON SPEC LEV	REP COIL COIN CONT /TOLL C SD-31723-01	22E3
RNG TO CANC REV BAT. SUPV ON SPEC LEVELS	/M PER LINE SEMI- SEL SD-31A16-01	3H3
RR TO CANCEL REV BAT. SUPV ON SPEC LEVELS	/ ROT HTG CONN ONE RNG A SD-30950-01	3D3
/TOR ARR FOR ONE DIG OPR ON SPEC LEVELS	OR FOR 2 DIGIT OPERATIO/ SD-32007-01	4E2
SRV ARR FOR ONE DIGIT OPR ON SPEC LEVELS	OR FOR 2 DIGIT OPR /IF SD-31A51-01	3C3
LE INS ALM AND ARR TO OPR ON SPEC NO. OF PERM SIGS	/OT DEVICE CAB SD-31912-01	11F2
DIAL TONE SPEED REGISTER CKT	SD-96403-01	AF3
OG 2W TRK CKT TO SPL SERV OPR COIN WITH RING PACK	SD-31752-01	6E2
OG 2W TRK CKT TO SPL SERV OPR NON-COIN WITH RINGBACK	SD-31753-01	613
/ DISTRIBUTOR CKT FOR VERIF SRV ARR FOR ONE DIGIT OPR ON SPEC LE	SD-31A51-01	3C3
AND/OR 4 PTY SEL OR SEMI-SEL SRV ARR FOR 2 DIGIT OPERATION /SEL	SD-3097A-01	2J2
RECALL SUB AND FOR CLASS OF SRV TONE /HIGH-LOW SUPV NON-COIN TO	SD-32136-01	612
NLY + OR REPEATEDLY + TO RST SRV UNTIL A DIG. IS ABS /IG. ONCE 0	SD-95A9A-01	24E3

SD-31780-01-433

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CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
ITS REPEATEDLY + TO RESTRICT SRV UNTIL A DIGIT IS ABSORBED / DIG	SD-33027-01	24G3
UPV SX START OF RNG OR T NO. ST OF RNG FOR DIG ABS BLKG /AT. S	SD-31441-01	14F3
U. LINE OR AUX L CKTS FOR GRD ST ON RING / RTN AT END OF EACH CAL	SD-95607-01	19G3
TEST CONN TERM. PER STA	SD-30243-01	4D2
A PTY SEMI-SEL RNG TERM. PER STA	LOC CONN SD-31805-01	3H1
MULTI-PTY SUP RNG TERM. PER STA	COMB. CONN 200 PT SD-33010-01	3F1
MULTI-PARTY SUP RNG TERM. PER STA	LOC CONN 200 PT M SD-33007-01	3F3
MULTI-PARTY SUP RNG TERM. PER STA	LOC CONN 200 PT ROT HTG SD-33004-01	3H2
10 PTY DIVIDED RNG TERM. PER STA ARR FOR REV CALLS / 5 CODE FOR	SD-31810-01	311
MULTI-PTY AC-DC RNG TERM. PER STA ARR FOR REV CALLS /ONN 200 PT M	SD-33009-01	3E2
1- PARTY AC-DC RNG TERM. PER STA ARR FOR REV CALLS /ROT HTG MULT	SD-33006-01	3E3
MULTI-PTY AC-DC RNG TERM. PER STA ARR FOR REV CALLS / CONN 200 PT	SD-33005-01	3G1
G RINGING CURRENT TO PBX AND STA EOPTS RINGING LEADS FOR SUPPLYIN	SD-95667-01	AF2
SWITCH TEST STAND	SD-32001-01	16F1
/NS SEL CKT REV BAT. SUPV SX START OF RNG OR T NO. ST OF RNG F/	SD-31441-01	14F3
TRANS SEL ARR FOR 20 CY RNG START SIG TIMED RINGING CKT FOR TOLL	SD-32196-01	20J1
/SWBD WET DRY SUPV 20 CY RNG START SIG WITH REERING OR W.O. COIN /	SD-31703-01	14E3
ITED AT DIAL PREPAYMENT COIN STATION /TURNING INITIAL COIN DEPOS	SD-32025-01	2E4
WITH BOTH COIN AND NON- COIN STATIONS	MULTI-PARTY LINES SD-31495-01	1G4
RE LINES HAVING BRIDGED TOLL STATIONS /NG CKT FOR NON PH OPEN WI	SD-95069-01	12I2
IND LINES WITH MAIN AND EXT STATIONS ON SEPARATE LOOPS /OFF FOR	SD-9646A-01	19C3
IAL POSTPAYMENT SERVICE COIN STATIONS ONLY	COIN TRUNK D SD-31732-01	1F4
-LOW SUPV NON-COIN TO RECALL SUB AND FOR CLASS OF SRV TONE /HIGH	SD-32136-01	6I2
KT FOR MAN. OPR AND INOPT OF SUB LINE AND TRK CKTS CD FIG.1 / . C	SD-32065-01	1A13
/KT FOR MAN OPR AND INOPT OF SUB LINE AND TRK CKTS (CORD) FIG.10/	SD-32093-01	17I3
SUB LINE ROTARY LINE SW	SD-31259-01	1J3
RLS OF TRK TO OPR OFF. ON / SUB LINE ROTARY LINE SW PROVIDES FOR	SD-3189A-01	1I3
L TEST CAB. NO.2 FOR TESTING SUB LINES AND TRUNKS / SET CKT LOCA	SD-96002-01	16E1
C REGI/ TEST SET FOR TESTING SUB LOW RES MSG REGISTERS AND TRAFFI	SD-32150-01	16F4
SUB REC COMPL TRK	SD-32300-01	25H2
AND CLASS OF SERVICE TONE	SUB REC COMPL TRK HIGH LOW SUPV COIN SD-32164-01	6F2
COIN TO RECALL SUB AND FOR / SUB REC COMPL TRK HIGH-LOW SUPV NON-	SD-32136-01	6I2
- COIN W.O. RECALL WI/ OGT OR SUB REC COMPL TRK HIGH- LOW SUPV NON	SD-31925-01	6C2
MULT. COIN BOX T/ T SET FOR SUB REC COMPL TRKS. OG TRKS FROM SEL	SD-3145A-01	16C1
AUX LINE FOR OPERATING SUB REG WITH DELAYED CHARGE INTERVAL	SD-320A2-01	1F1
SIG BAT. GRD PULS TYPE "B" TB SUP / IL0C TRK ONE DIG TDM OPR LOOP	SD-31886-01	10D2
LOC CONN 200 PT MULTI-PARTY SUP RNG TERM. PER STA	SD-33007-01	3F3
COMB. CONN 200 PT MULTI-PTY SUP RNG TERM. PER STA	SD-33010-01	3F1
N 200 PT ROT HTG MULTI-PARTY SUP RNG TERM. PER STA	LOC CON SD-3300A-01	3H2
GNAL CKT NO-SUCH NUMBER TONE SUPPLY	SI SD-96357-01	4E3
OPR CX OR SX SIG TYPE "B"TB SUPPLY /F. AND IL0C TRK ONE DIG TDM	SD-31885-01	10E2
GE REV BAT. SUPV TYPE "B" TO SUPPLY /EP BAT. AND GRD PULS LONG RAN	SD-320A7-01	21F2
PBX BAT. SUPPLY CKT	SD-90232-01	9B5
PWR COIN CONT SUPPLY CKT USING DRY CELLS	SD-8063A-01	4H3
2 WAY TRK CKT TYPE "A" T.B. SUPPLY LOOP SIG	SD-31A74-01	5B3
2 WAY TRK CKT TYPE "B" T.B. SUPPLY LOOP SIG	SD-31747-01	5C3
TING USING ONE MW 1000 CYCLE SUPPLY SOURCE MFP RECEIVER ADJUIS	SD-95779-01	23B4
2 WAY TRK CKT TYPE "B" T.B. SUPPLY SX OR CX CKT	SD-31775-01	5I3
STA EOPTS RINGING LEADS FOR SUPPLYING RINGING CURRENT TO PBX AND	SD-95667-01	AF2
OUT. INOPT TRK E AND M LEAD SUPV	SD-32309-01	7G4

SD-31780-01-334

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CIRCUIT TITLE	DRAWING NO.	BLK LOC	
T. E. M AND M OR E AND M LEAD SUPV	INC TRK CK	SD-31726-01 12B2	
T. AND GRD PULS BAT. AND GRD SUPV	OUT. REP BA	SD-31147-01 21J2	
G BAT. AND GRD PULS REV BAT. SUPV	OUT. REP PULSE CORRECTIN	SD-31A92-01 21G2	
ST OR INFO SERV E AND M LEAD SUPV	OFFICIAL PBX REPAIR VERIF REQUR	SD-32312-01 21H3	
ING OR LOOP PULSING REV BAT. SUPV	WITH REP COIL BAT. AND GRD PULS	SD-3200A-01 10F3	
D PULS OR LOOP PULS REV BAT. SUPV	REP WITH REP COILS BAT. AND GR	SD-3200A-01 21A2	
/ INC REP LOOP PULS REV BAT. SUPV	ARR TO RTN FLASHING SIG FOR LI	SD-30974-01 10D3	
SUB REC COMPL TRK HIGH LOW SUPV	COIN AND CLASS OF SERVICE TONE	SD-3216A-01 6F2	
OG BAT. AND GRD PULSING LOOP SUPV	INC PULSE TRANSMITTING /PRATER	SD-31674-01 5E4	
/ SUB REC COMPL TRK HIGH-LOW SUPV	NON-COIN TO RECALL SUB AND FOR	SD-32136-01 612	
/SUB REC COMPL TRK HIGH- LOW SUPV	NON- COIN W.O.RECALL WITH CLAS/	SD-31925-01 6C2	
X OR INOPT SERV E AND M LEAD SUPV	OGT FOR INFO REPAIR OFFICIAL PB	SD-32311-01 21H2	
MI- SEL RNG TO CANG REV BAT. SUPV	ON SPEC LEVELS /M PER LINE SE	SD-31A16-01 3H3	
/WY OPR OFF. TRK CKT CX OR SX SUPV	ONE WAY AUTO. ONE WAY DIALING /	SD-30A90-01 1313	
RK BAT. AND GRD PULS REV BAT SUPV	REP COIL TRANS 2 WAY ILOC T	SD-31A42-01 5A3	
L RNG ARR TO CANCEL REV BAT. SUPV	SPEC LEV /M. PER LINE SEMI- SE	SD-30977-01 312	
TOLL TRANS SEL CKT REV BAT. SUPV	SX START OF RNG OR T NO. ST OF	SD-31A41-01 14F3	
EMER LINE E AND M LEAD SUPV	TO DIST TOLL OR DSA SWBD	SD-32313-01 20D3	
OGT CX PULSING CX SUPV	TYPE B	SD-31795-01 6F3	
GRD PULS LONG RANGE REV BAT. SUPV	TYPE "B" TO SUPPLY /EP BAT. AND	SD-32047-01 21F2	
/OW REV BAT. OR E AND M LEAD SUPV	WITH OR W.O. ONE DIG TOM OPERA/	SD-32190-01 12D2	
D PULS OR LOOP PULS REV BAT. SUPV	2 REPS PER BASE /EP BAT. AND GR	SD-31779-01 21B2	
/ TRK FROM TOLL SWBD WET DRY SUPV	20 CY RNG START SIG WITH RERIN/	SD-31703-01 14E3	
SUB LINE ROTARY LINE SW		SD-31259-01 1J3	
PRESELECTI/ ROTARY OUT. TRK SW	CKT FOR TOM OPERATION NOT ARR FOR	SD-31990-01 10H2	
	SW PLT MTG	SD-31732-01 1G2	
F. ON / SUB LINE ROTARY LINE SW	PROVIDES FOR RLS OF TRK TO OPR OF	SD-31A9A-01 113	
EAD SUPV TO DIST TOLL OR DSA SWBD	EMER LINE E AND M L	SD-32313-01 20D3	
T FOR REC COMPL TRKS TO TOLL SWBD	TRK TRANSFER AND MAKE BUSY CK	SD-30A93-01 20B4	
OVER T AND R FOR CALLS FROM SWBD	USING LOC OR TOLL TRAIN / FREQ	SD-322A9-01 25E2	
VER T AND R FOR OUT CALLS TO SWBD	USING LOC TRAIN /SING 2 FREQ 0	SD-322A4-01 25C2	
OVER T AND R FOR CALLS FROM SWBD	USING TOLL TRAINS /ING 2 FREQ	SD-3229A-01 25G2	
G WITH RE/ INC TRK FROM TOLL SWBD	WET DRY SUPV 20 CY RNG START SI	SD-31703-01 14E3	
	SWITCH TBL ALARM CKT	SD-31514-01 11G1	
NDERS	SWITCH TBL ALM FOR LINE AND TRUNK FI	SD-32239-01 11G4	
	SWITCH TEST STAND	SD-32001-01 16F1	
	ROTARY OUT TRK SWITCH 3 OR 4 WIRE	SD-32253-01 2G3	
ION	ROTARY OUT TRK SWITCH 3 OR 4 WIRE ARR FOR PRESELECT	SD-30A6A-01 2H2	
	ROTARY OUT. TRK SWITCH 3 WIRE ARR FOR PRESELECTION	SD-30A6A-01 24C3	
LINES HAVING / REP COIL AND SX	DERIVING CKT FOR NON PH OPEN WIRE	SD-95069-01 1212	
TRK CKT TYPE "B" T.B. SUPPLY SX	OR CX CKT 2 WAY	SD-31775-01 513	
LL INC SEL CX SIG TYPE "B" OR SX	SIG INC TRK CKT TO TO	SD-31A65-01 6H2	
M OPR FOR OFF BYD TOM CX OR SX	SIG / AND ILOC TRK CKT ONE DIG T	SD-31A44-01 5H4	
/ INC SEL CX SIG TYPE "B" OR SX	SIG-CONT RNG AND RERING-CN OR NO/	SD-31A47-01 6D2	
OC TRK ONE DIG TOM OPR CX OR SX	SIG TYPE "B"TB SUPPLY /F. AND IL	SD-31A45-01 10E2	
N REC COMPL TRK CX OR SX	SIG WITH RINGBACK COIN OR NON-COI	SD-32042-01 6H3	
	REC COMPL TRK CX OR SX	SIG WITHOUT RINGBACK NON-COIN	SD-31A4A-01 6H3
/TRANS SEL CKT REV BAT. SUPV	SX START OF RNG OR T NO. ST OF RNG /	SD-31A41-01 14F3	
G/ 2WY OPR OFF. TRK CKT CX OR SX	SUPV ONE WAY AUTO. ONE WAY DIALIN	SD-30A90-01 1313	
TR CKT FOR COMBINED TOLL AND SX	SX NO. 355A 24V ALM BAT. SUP /D ALM	SD-95063-01 11C4	

SD-317A0-01-435

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
TR CKT FOR COMBINED TOLL AND SXS NO. 3554 4AV ALM BAT. SUP /D ALM	SD-95075-01	11A4
FOR USE WITH AN ANN MACH ANN SYS NO. 7A /CONN TERMS. OR SEL LEV	SD-32202-01	7C2

T

/ CONT TRK USING 2 FREQ OVER T AND R FOR CALLS FROM SWBD USING L/	SD-322A9-01	25E2
/ CONT TRK USING 2 FREQ OVER T AND R FOR CALLS FROM SWBD USING T/	SD-322A8-01	25G2
/ CONT TRK USING 2 FREQ OVER T AND R FOR OUT CALLS TO SWBD USING/	SD-322A8-01	25C2
BAT. SUPV SX START OF RNG OR T NO. ST OF RNG FOR DIG ABS BLKG	SD-31A41-01	14F3
S FROM SEL MULT. COIN BOX T/ T SET FOR SUB REC COMPL TRKS. OG TRK	SD-31A5A-01	16C1
00P SIG BAT. GRD PULS TYPE "B" TB SUP / ILDC TRK ONE DIG TDM OPR L	SD-31A86-01	10D2
2 WAY TRK CKT TYPE "A" T.B. SUPPLY LOOP SIG	SD-31A74-01	5B3
2 WAY TRK CKT TYPE "B" T.B. SUPPLY LOOP SIG	SD-31747-01	5C3
2 WAY TRK CKT TYPE "B" T.B. SUPPLY SX OR CX CKT	SD-31775-01	513
SWITCH TBL ALARM CKT	SD-31514-01	11G1
SWITCH TBL ALM FOR LINE AND TRUNK FINDERS	SD-32239-01	11G4
MISC CKT TBL TICKETER FR	SD-95A23-01	23G2
2WY OPR OFF. TRK CKT ONE DIG TDM OPR-FOR OFF. BYD TDM CX SIG TYP	SD-31A23-01	5G4
ONE DIG TDM OPR FOR OFF BYD TDM CX OR SX SIG / AND ILDC TRK CKT	SD-31A84-01	5H4
/E DIG TDM OPR-FOR OFF. BYD TDM CX SIG TYPE "B" PULS CORR ON IV/	SD-31A23-01	5G4
TDM OPERATION FOR OFF BEYOND TDM LOOP SIG /FF TRK CKT ONE DIGIT	SD-31A22-01	5D3
AD SUPV WITH OR W.O. ONE DIG TDM OPERATION /V BAT. OR E AND M LE	SD-32190-01	12D2
/Y OPR OFF TRK CKT ONE DIGIT TDM OPERATION FOR OFF BEYOND TDM LO/	SD-31A22-01	5D3
INTERLOCAL TRK CKT ONE DIGIT TDM OPERATION LOOP SIG /OFFICE AND	SD-31A77-01	5E3
/ ROTARY OUT. TRK SW CKT FOR TDM OPERATION NOT ARR FOR PRESELECTI	SD-31A90-01	10H2
2 WAY TDM TRK CKT ONE DIGIT TDM OPERATION RINGDOWN SIG	SD-31A7A-01	10G2
/R OFF. AND ILDC TRK ONE DIG TDM OPR CX OR SX SIG TYPE "B" TB SUP/	SD-31A85-01	10E2
AUTO. ONE WAY DIAL ONE DIGIT TDM OPR CX SIG /FF. TRK CKT ONE WAY	SD-31A21-01	10B2
/FF. AND ILDC TRK CKT ONE DIG TDM OPR FOR OFF BYD TDM CX OR SX SI/	SD-31A84-01	5H4
AUTO. ONE WAY DIAL ONE DIGIT TDM OPR LOOP SIG / TRK CKT ONE WAY	SD-31A20-01	10C2
/PR OFF. AND ILDC TRK ONE DIG TDM OPR LOOP SIG BAT. GRD PULS TYPE"/	SD-31A86-01	10D2
RINGDOWN SIG 2 WAY TDM TRK CKT ONE DIGIT TDM OPERATION	SD-31A7A-01	10G2
R/ COMB. ROT HTG CONN A PTY TERM PER LINE SEMI- SEL RNG TO CANG	SD-31A16-01	3H3
LOC CONN A PTY SEMI-SEL RNG TERM. PER LINE	SD-30979-01	3B2
IVIDED OR 10 PTY BRIDGED RNG TERM. PER LINE LOC CONN 10 PTY D	SD-31A20-01	3B1
RIDGED OR 10 PTY DIVIDED RNG TERM. PER LINE /N 5 CODE FOR 5 PTY B	SD-30973-01	3F2
CANCE/ LOC ROT HTG CONN APTY TERM. PER LINE SEMI- SEL RNG ARR TO	SD-30977-01	312
NTING 5 PTY BRIDGED OR 5 CD TERM. PER LINE 10 PTY DIVIDED RNG /	SD-30957-01	3B3
5 PTY BRID/ LOC CONN 5 CODE TERM. PER LINE 10 PTY DIVIDED RNG OR	SD-30956-01	3C2
TEST CONN TERM. PER STA	SD-30243-01	4D2
ONN 200 PT MULTI-PTY SUP RNG TERM. PER STA COMB. C	SD-33010-01	3F1
N 200 PT MULTI-PARTY SUP RNG TERM. PER STA LOC CON	SD-33007-01	3F3
CODE FOR 10 PTY DIVIDED RNG TERM. PER STA ARR FOR REV CALLS / 5	SD-31A10-01	311
N 200 PT MULTI-PTY AC-DC RNG TERM. PER STA ARR FOR REV CALLS /ON	SD-33009-01	3E2
T HTG MULTI- PARTY AC-DC RNG TERM. PER STA ARR FOR REV CALLS /RO	SD-33006-01	3E3
USE WITH MULTI- PTY ONE OR 2 TERMINAL PER LINE SERV /ST CONN FOR	SD-31773-01	4C2
OMB. CONN A PTY SEMI-SEL RNG TERM. PER LINE C	SD-31A15-01	3D1
LOC CONN A PTY SEMI-SEL RNG TERM. PER STA	SD-31A05-01	3H1
ROT HTG MULTI-PARTY SUP RNG TERM. PER STA LOC CONN 200 PT	SD-3300A-01	3H2
N 200 PT MULTI-PTY AC-DC RNG TERM. PER STA ARR FOR REV CALLS / CON	SD-33005-01	3G1

SD-317A0-01-336

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
N MACH / INCPTRK FROM CONN TERMS. OR SEL LEV FOR USE WITH AN AN	SD-32202-01	7C2
AUTO TRUNK TEST	SD-32315-01	23C2
MANUAL TEST	SD-32362-01	27F3
AUTOMATIC TEST	SD-32365-01	27G3
OUTPULSER IDENTIFIER TEST	SD-95815-01	23C3
TH OR WITHOUT ARRANGEMENT TO TEST BUSY WHILE LINE FOR HUNTS / WI	SD-32067-01	12H4
AND TRU/ TEST SET CKT LOCAL TEST CAB. NO.2 FOR TESTING SUB LINES	SD-96002-01	16E1
CONVERTER TEST CKT	SD-32329-01	26D3
OUT.REP TEST CKT FOR RAPID OPERATION TEST OF	SD-31725-01	16C5
E OR 2 TERMINAL PER LINE SE/ TEST CONN FOR USE WITH MULTI-PTY ON	SD-31773-01	4C2
TEST CONN TERM. PER STA	SD-30243-01	4D2
TEST CONN 200 POINT	SD-33011-01	3A4
TEST DISTRIBUTOR CONTROL	SD-31349-01	4G2
CKT OUTPULSER IDENTIFIER TRK TEST FR	MISC SD-95822-01	23G4
TEST JACK AND CONN TEST LINE CKT	SD-31457-01	16B2
TEST JACK AND CONN TEST LINE CKT	SD-31457-01	16B2
TRAIN FOR RNG AND CONTINUITY TEST LINE FOR TESTING LOCAL OR TOLL	SD-31932-01	16C2
M LOCAL OFF. OR COIN BOX TR/ TEST LINE FOR TESTING TRUNKS INC FR0	SD-31642-01	16D2
TEST CKT FOR RAPID OPERATION TEST OF OUT.REP	SD-31725-01	16C5
PULSING TEST SET	SD-31481-01	16D4
PULSE REPEATING TEST SET	SD-31667-01	16E4
CONVERTER TEST SET	SD-32330-01	26D2
R TESTING SUB LINES AND TRU/ TEST SET CKT LOCAL TEST CAB. NO.2 FO	SD-96002-01	16E1
D REV CALL SELS TEST SET FOR CONNECTORS SELECTORS AN	SD-31459-01	16B1
REGISTERS AND TRAFFIC REGI/ TEST SET FOR TESTING SUB LOW RES MSG	SD-32150-01	16F4
SWITCH TEST STAND	SD-32001-01	16F1
TEST TRK RINGING	SD-96474-01	14B2
AND CONTINUITY TEST LINE FOR TESTING LOCAL OR TOLL TRAIN FOR RNG	SD-31932-01	16C2
CKT LOCAL TEST CAB. NO.2 FOR TESTING SUB LINES AND TRUNKS / SET	SD-96002-01	16E1
D TRAFFIC REGI/ TEST SET FOR TESTING SUB LOW RES MSG REGISTERS AN	SD-32150-01	16F4
R COIN BOX TR/ TEST LINE FOR TESTING TRUNKS INC FROM LOCAL OFF. 0	SD-31642-01	16D2
T ABSORBING FOR DELAYING CUT THRU AUX TRK CKT DIGI	SD-32044-01	21E2
T ABSORBING FOR DELAYING CUT THRU AUX TRK CKT DIGI	SD-32044-01	712
/ELECTOR REPEATER ARR TO CUT THRU WHEN DIGITS 1 OR 11 ARE DIALED/	SD-30856-01	15F2
TROUBLE TICKETER	SD-32364-01	27G4
TROUBLE TICKETER	SD-95816-01	23H3
MISC CKT TBL TICKETER FR	SD-95823-01	23G2
COIN BOX TRK TIMED RELEASE CKT	SD-31861-01	AC3
ARR FOR 20 CY RNG START SIG TIMED RINGING CKT FOR TOLL TRANS SEL	SD-32196-01	20J1
RS PERM SIG TIMING AND DIAL TONE FOR SEL REPEATE	SD-31844-01	AD3
SLE PILOTS AND PERMANENT SIG TIMING CKT /M CKT ALM CONTROL AND AI	SD-32192-01	11J3
R FOR CALLS FROM SWBD USING TOLL TRAINS /ING 2 FREQ OVER T AND	SD-32299-01	25G2
/AND ALM TR CKT FOR COMBINED TOLL AND SXS NO.355A 24V ALM BAT.SU/	SD-95063-01	11C4
/AND ALM TR CKT FOR COMBINED TOLL AND SXS NO.355A 48V ALM BAT.SU/	SD-95075-01	11A4
SERV. ARR TO TRI/ OGT 2W TO TOLL BD FOR HOSPITAL FIRE AND POLICE	SD-31840-01	6B2
SELECTOR FOR COMPLETING A-B TOLL CALLS TOLL PRECEDING	SD-31241-01	22F3
/OLL TRMSN SEL FOR COMPL A-B TOLL CALLS WITH OR W.O. DIG ABS ON /	SD-31723-01	22E3
CKT TO MAN. OR TOLL OFF. AB TOLL CX SIG TYPE "B" 2 WAY TRK	SD-31749-01	5H3
RRANGEMENT TO TEST BUSY WHI/ TOLL DIVERTING TRK WITH OR WITHOUT A	SD-32067-01	12H4
G INC TRK CKT TO TOLL INC SEL CX SIG TYPE"B" OR SX SI	SD-31865-01	6H2

SD-31780-01-337

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
INC-CONT RING / INC TRK CKT TO TOLL	INC SEL CK SIG TYPE "B" OR SX S	SD-31A47-01 6D2
ORRING	TOLL INTER SEL ARR FOR NON DIGIT ABS	SD-31744-01 22J3
ING AND BLOCKING UNTIL A DIG/	TOLL INTER SEL ARR FOR DIGIT ABSORBI	SD-31915-01 22H3
2 WAY TRK CKT TO MAN. OR	TOLL OFF. AB TOLL CK SIG TYPE "B"	SD-31749-01 5H3
INC TRK CKT FROM MAN. OR	TOLL OFF. WITH REP COIL.	SD-31A56-01 12F2
NE B AND M LEAD SUPV TO DIST	TOLL OR DSA SWBD	EMER LI SD-32313-01 20D3
PT TRK CKT FROM LOCAL OR A-B	TOLL PRECEDING SEL MULT	INC SD-31767-01 7E2
T ABSORBING AND BLOCKING	TOLL PRECEDING SELECTOR ARR FOR DIGI	SD-33001-01 22G3
NG A-B TOLL CALLS	TOLL PRECEDING SELECTOR FOR COMPLETI	SD-31241-01 22F3
INCPT TRK CKT FROM	TOLL SEL MULT	SD-32163-01 7G2
BY WIRE LINES HAVING BRIDGED	TOLL STATIONS /NG CKT FOR NON PH CP	SD-95069-01 1212
SY CKT FOR REC COMPL TRKS TO	TOLL SWBD TRK TRANSFER AND MAKE BU	SD-30A93-01 20B4
RT SIG WITH RE/ INC TRK FROM	TOLL SWBD WET DRY SUPV 20 CY RING STA	SD-31703-01 14E3
CALLS FROM SWBD USING LOC OR	TOLL TRAIN / FREQ OVER T AND R FOR	SD-32249-01 25E2
ST LINE FOR TESTING LOCAL OR	TOLL TRAIN FOR RING AND CONTINUITY TE	SD-31932-01 16C2
RT SIG TIMED RINGING CKT FOR	TOLL TRANS SEL ARR FOR 20 CY RING STA	SD-32196-01 20J1
START OF RING OR T NO. ST OF/	TOLL TRANS SEL CKT REV BAT. SUPV SX	SD-31841-01 14F3
DIALING CALLS WITH OR W.O./	TOLL TRMSN SEL CKT FOR COMPLETING IT	SD-31641-01 14F4
LLS WITH OR W.O. DIG ABS ON/	TOLL TRMSN SEL FOR COMPL A-B TOLL CA	SD-31723-01 22E3
T WITH OR W.O. DIG ABS AND /	TOLL TRMSN SEL WITH OR W.O. COIN CON	SD-31745-01 22D3
PV COIN AND CLASS OF SERVICE	TO NE SUB REC COMPL TRK HIGH LOW SU	SD-3216A-01 6F2
ALL SUB AND FOR CLASS OF SRV	TO NE /HIGH-LOW SUPV NON-COIN TO REC	SD-32136-01 612
RECALL WITH CLASS OF SERVICE	TO NE /HIGH- LOW SUPV NON- COIN W.O.	SD-31925-01 6C2
PERM SIG TIMING AND DIAL	TO NE FOR SEL REPEATERS	SD-31844-01 4D3
S OF SERVICE	TO NE INTERRUPTER CKT ADDITIONAL CLAS	SD-31A25-01 4D2
	DIAL TONE SPEED REGISTER CKT	SD-96403-01 4F3
SIGNAL CKT NO-SUCH NUMBER	TONE SUPPLY	SD-96357-01 4E3
KS-15947-01	TOTALIZER CKT	SD-95965-01 20J4
	"TOUCH-TONE" CALLING RECEIVING CKT	SD-98144-01 26C4
	"TOUCH-TONE" CONVERTER	SD-32352-01 27E2
INCPT TRK CKT FROM MULTI-PTY	TPL CONN MULT	SD-31995-01 7H2
/ AUD AND VISUAL ALM AND ALM	TR CKT FOR COMBINED TOLL AND SXS NO.	SD-95075-01 1144
/ AUD AND VISUAL ALM AND ALM	TR CKT FOR COMBINED TOLL AND SXS NO.	SD-95063-01 11C4
UB LOW RES MSG REGISTERS AND	TRAFFIC REGISTERS /ET FOR TESTING S	SD-32150-01 16F4
/SC ALM CKT REGISTER CKT FOR	TRAFFIC REGISTERS LOCATED ON REL RA/	SD-31976-01 11G3
FROM SWBD USING LOC OR TOLL	TRAIN / FREQ OVER T AND R FOR CALLS	SD-32249-01 25E2
OUT CALLS TO SWBD USING LOC	TRAIN /SING 2 FREQ OVER T AND R FOR	SD-3224A-01 25C2
NE FOR TESTING LOCAL OR TOLL	TRAIN FOR RING AND CONTINUITY TEST LI	SD-31932-01 16C2
CALLS FROM SWBD USING TOLL	TRAINS /ING 2 FREQ OVER T AND R FOR	SD-3229A-01 25G2
ULSE CORRECTING TRK REP COIL	TRANS.	INC P SD-31929-01 13G2
ULSE CORRECTING TRK REP COIL	TRANS.	OUT. P SD-31929-01 13H2
D PULS REV BAT SUPV REP COIL	TRANS 2 WAY ILOC TRK BAT. AND GR	SD-31842-01 5A3
G TIMED RINGING CKT FOR TOLL	TRANS SEL ARR FOR 20 CY RING START SI	SD-32196-01 20J1
OF RING OR T NO. ST OF/	TOLL TRANS SEL CKT REV BAT. SUPV SX START	SD-31841-01 14F3
OMPL TRKS TO TOLL SWBD TRK	TRANSFER AND MAKE BUSY CKT FOR REC C	SD-30A93-01 20B4
N EMER BASIS LINE OR TRK	TRANSFER CKT FOR RESTORING SERV ON A	SD-95690-01 20H5
	TRANSLATOR	SD-32355-01 27E3
FOREIGN AREA	TRANSLATOR	SD-32357-01 27E5
	TRANSLATOR CONN DECODER CONN	SD-32354-01 27D4
PULSING LOOP SUPV INC PULSE	TRANSMITTING /PEATER OG BAT. AND GRD	SD-31674-01 5E4

SD-31740-01-33A

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
FIRE AND POLICE SERV. ARR TO TRIP MACH RING W.O. CHG / HOSPITAL	SD-31440-01	6B2
/INCPT TRK TO DST OFF. ARR TO TRIP RING. ONLY DURING RINGING INTE/	SD-31771-01	7H3
MESSAGE REC TRK	SD-32042-01	1D4
OUT. INF TRK	SD-32170-01	21D2
SUB REC COMPL TRK	SD-32300-01	25H2
COIN CONT WITH COIN CONTROL TRK /CONT CONN LINE NUMBER METHOD OF	SD-31453-01	4H2
MISC ALM CKT PREPAY COIN TRK ALM AND COIN BAT. FUSE ALM	SD-31975-01	11B3
TRK ALTERNATING RELAY CKT	SD-32063-01	2C4
AUX TRK ARR TO RESTRICT SERVICE	SD-32147-01	21C2
TRK AUX CKT	SD-32032-01	21G1
R BAT. AND GRD PULS OVER QUI/ TRK AUX CKT FOR USE WITH CKTS ARR FO	SD-32032-01	21C3
EP COIL TRANS 2 WAY ILCC TRK BAT. AND GRD PULS REV BAT SUPV R	SD-31442-01	5A3
TV FLASHING SIG FOR LINE OR TRK BUSY /LS REV BAT. SUPV ARR TO R	SD-30974-01	10D3
COMPENSATING TRK CKT	SD-31331-01	21G3
OVERFLOW TRK OR VACANT LEVEL TRK CKT	SD-31472-01	2F3
VACANT CODE TRK CKT	SD-31937-01	2H3
TOR ON INC CALLS 2 WAY ILCC TRK CKT CX SIG TYPE "B" PULSE CORREC	SD-31467-01	5F4
CUT THRU AUX TRK CKT DIGIT ABSORBING FOR DELAYING	SD-32044-01	21E2
CUT THRU AUX TRK CKT DIGIT ABSORBING FOR DELAYING	SD-32044-01	712
UPV INC TRK CKT E, M AND N OR E AND M LEAD S	SD-31726-01	12B2
EPOSITED AT DIAL PREPAY/ AUX TRK CKT FOR RETURNING INITIAL COIN D	SD-32025-01	2E4
INCPT TRK CKT FROM CONN MULT	SD-31337-01	7D2
DING SEL MULT INCPT TRK CKT FROM LOCAL OR A-B TOLL PRECE	SD-31767-01	7E2
REP COIL. INC TRK CKT FROM MAN. OR TOLL OFF. WITH	SD-31456-01	12F2
INCPT TRK CKT FROM MULTI-PTY TPL CONN MULT	SD-31995-01	7H2
INCPT TRK CKT FROM TOLL SEL MULT	SD-32163-01	7G2
/ 2WY COMB. OPR OFF. AND ILCC TRK CKT ONE DIG TDM OPR FOR OFF BYD	SD-31444-01	5H4
OFF BEYOND TD/ 2 WAY OPR OFF TRK CKT ONE DIGIT TDM OPERATION FOR	SD-31422-01	5D3
/D OPR OFFICE AND INTERLOCAL TRK CKT ONE DIGIT TDM OPERATION L00/	SD-31477-01	5E3
DOWN SIG 2 WAY TDM TRK CKT ONE DIGIT TDM OPERATION RING	SD-31478-01	10G2
ACK OPERATION TRK CKT ONE WAY AUTO. ARR FOR DIAL B	SD-30449-01	1312
NE DIGIT TDM/ 2 WAY OPR OFF. TRK CKT ONE WAY AUTO. ONE WAY DIAL D	SD-31421-01	10B2
NE DIGIT TDM/ 2 WAY OPR OFF. TRK CKT ONE WAY AUTO. ONE WAY DIAL O	SD-31420-01	10C2
CX SIG TYPE "B" 2 WAY TRK CKT TO MAN. OR TOLL OFF. AB TOLL	SD-31749-01	5H3
NG BACK OG 2W TRK CKT TO SPL SERV OPR COIN WITH RI	SD-31752-01	6E2
H RINGBACK OG 2W TRK CKT TO SPL SERV OPR NON-COIN WIT	SD-31753-01	613
"B" OR SX SIG-CONT RING / INC TRK CKT TO TOLL INC SEL CX SIG TYPE	SD-31447-01	6D2
B" OR SX SIG INC TRK CKT TO TOLL INC SEL CX SIG TYPE"	SD-31465-01	6H2
G 2 WAY TRK CKT TYPE "A" T.B. SUPPLY LOOP SI	SD-31474-01	5B3
G 2 WAY TRK CKT TYPE "B" T.B. SUPPLY LOOP SI	SD-31747-01	5C3
X CKT 2 WAY TRK CKT TYPE "B" T.B. SUPPLY SX OR C	SD-31775-01	513
MAKE BUSY CKT FOR TRK CKTS	SD-31225-01	9D4
PR AND INCPT OF SUB LINE AND TRK CKTS CD FIG.1 / . CKT FOR MAN. O	SD-32065-01	1A13
PR AND INCPT OF SUB LINE AND TRK CKTS (CORD) FIG.10 /T FOR MAN O	SD-32093-01	1713
TRK COIN CONTROL	SD-95031-01	22B2
OR NON-COIN REC COMPL TRK CX OR SX SIG WITH RINGBACK COIN	SD-32042-01	6H3
N-COIN REC COMPL TRK CX OR SX SIG WITHOUT RINGBACK NO	SD-31444-01	6H3
COIN TRK DIAL POSTPAYMENT SERVICE	SD-32146-01	1E4
P RES 3000 OHMS OR LE/ 2 WAY TRK DIAL REPEATING ON OUT. CALLS L00	SD-31602-01	13F2
OUT. INCPT TRK E AND M LEAD SUPV	SD-32309-01	7G4

SD-31740-01-339

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
TRK FINDER CKT 22 POINT	SD-31793-01	7E3
TRK FINDER 200 POINT-3-WIRE	SD-33013-01	7D3
OUT. INCPT TRK FOR USE WITH TRK FINDERS	SD-31965-01	7F3
AND ALARM RELAY FOR LINE AND TRK FINDERS	GROUP SD-32194-01	20H2
OUT. INCPT TRK FOR USE WITH TRK FINDERS ARR FOR MACHINE ANNOUNCE	SD-30990-01	7G3
RR TO CUT THRU WHEN DIG/ AUX TRK FOR USE WITH SELECTOR REPEATER A	SD-30956-01	15F2
OUT. INCPT TRK FOR USE WITH TRK FINDERS	SD-31965-01	7F3
MACHINE ANNOUNC/ OUT. INCPT TRK FOR USE WITH TRK FINDERS ARR FOR	SD-30990-01	7G3
USE WITH AN ANN MACH / INCPT TRK FROM CONN TERMS. OR SEL LEV FOR	SD-32202-01	7C2
Y RNG START SIG WITH RE/ INC TRK FROM TOLL SWBD WET DRY SUPV 20 C	SD-31703-01	14E3
SERVICE TONE SUB REC COMPL TRK HIGH LOW SUPV COIN AND CLASS OF	SD-32169-01	6F2
SUB AND FOR / SUB REC COMPL TRK HIGH-LOW SUPV NON-COIN TO RECALL	SD-32136-01	6I2
ALL W/ OGT OR SUB REC COMPL TRK HIGH- LOW SUPV NON- COIN W.O.REC	SD-31925-01	6C2
CODE RINGING 2 WAY LINE OR TRK INC RINGDOWN OUT. DIAL SELECTED	SD-31943-01	10F2
VICE CODE CALLS AUX TRK LOOP PULSING ARR TO COMPLETE SEL	SD-32241-01	24C2
/ REPEATER WITH AUTO. RLS OF TRK ON PERM SIG ARR FOR 3 DIGIT OFF/	SD-30972-01	15F1
BL REP CKT WITH AUTO. RLS OF TRK ON PERM SIGNALS BRANCH OFFICE 5	SD-31914-01	15B2
/ 2WY COMB. OPR OFF. AND ILOC TRK ONE DIG TDM OPR CX OR SX SIG TYP	SD-31945-01	10E2
/ 2WY COMB. OPR OFF. AND ILOC TRK ONE DIG TDM OPR LOOP SIG BAT. GRD	SD-31946-01	10D2
OVERFLOW TRK OR VACANT LEVEL TRK CKT	SD-31972-01	2F3
TRK RELEASE CKT FOR ALM SENDER	SD-31993-01	AB3
INC PULSE CORRECTING TRK REP COIL TRANS.	SD-31929-01	13G2
OUT. PULSE CORRECTING TRK REP COIL TRANS.	SD-31929-01	13H2
TEST TRK RINGING	SD-96474-01	14B2
FOR PRESELECTI/ ROTARY OUT. TRK SW CKT FOR TDM OPERATION NOT ARR	SD-31990-01	10H2
ROTARY OUT TRK SWITCH 3 OR 4 WIRE	SD-32253-01	2G3
LECTION ROTARY OUT TRK SWITCH 3 OR 4 WIRE ARR FOR PRESE	SD-30962-01	2H2
ON ROTARY OUT. TRK SWITCH 3 WIRE ARR FOR PRESELECTI	SD-30962-01	24C3
ISC CKT OUTPUTPULSER IDENTIFIER TRK TEST FR	M SD-95422-01	23G4
COIN BOX TRK TIMED RELEASE CKT	SD-31961-01	AC3
Y DURING RINGING/ OUT. INCPT TRK TO DST OFF. ARR TO TRIP RING. ONL	SD-31771-01	7H3
LINE SW PROVIDES FOR RLS OF TRK TO OPR OFF. ON PERM SIGNAL /ARY	SD-31999-01	113
EC COMPL TRKS TO TOLL SWBD TRK TRANSFER AND MAKE BUSY CKT FOR R	SD-30993-01	20B4
ON AN EMER BASIS LINE OR TRK TRANSFER CKT FOR RESTORING SERV	SD-95690-01	20H5
LLS FROM SWBD USI/ COIN CONT TRK USING 2 FREQ OVER T AND R FOR CA	SD-32249-01	25E2
LLS FROM SWBD USI/ COIN CONT TRK USING 2 FREQ OVER T AND R FOR CA	SD-32298-01	25G2
T CALLS TO SWBD U/ COIN CONT TRK USING 2 FREQ OVER T AND R FOR OU	SD-32298-01	25C2
EST BUSY WHI/ TOLL DIVERTING TRK WITH OR WITHOUT ARRANGEMENT TO T	SD-32067-01	12H4
FOR AND PREPAYMENT COIN BOX TRKS /G RATE TRKS. AUX LINE CKTS. TRK	SD-31974-01	1113
Y/ MISC ALM CKT FOR MSG RATE TRKS. AUX LINE CKTS. TRK FOR AND PREPA	SD-31974-01	1113
/ FOR SUB REC COMPL TRKS. OG TRKS FROM SEL. MULT. COIN BOX TRKS S/	SD-31958-01	16C1
X T/ T SET FOR SUB REC COMPL TRKS. OG TRKS FROM SEL. MULT. COIN BO	SD-31958-01	16C1
TRKS FROM SEL. MULT. COIN BOX TRKS SELS CONN AND REV CA /RKS. OG	SD-31958-01	16C1
MAKE BUSY CKT FOR REC COMPL TRKS TO TOLL SWBD TRK TRANSFER AND	SD-30993-01	20B4
LING CALLS WITH OR W.O./ TOLL TRMSN SEL CKT FOR COMPLETING IT. DIA	SD-31691-01	14F4
ITH OR W.O. DIG ABS ON/ TOLL TRMSN SEL FOR COMPL A-B TOLL CALLS W	SD-31723-01	22E3
H OR W.O. DIG ABS AND / TOLL TRMSN SEL WITH OR W.O. COIN CONT WIT	SD-31745-01	22D3
TROUBLE TICKETER	SD-32364-01	27G4
TROUBLE TICKETER	SD-95416-01	23H3
COMPENSATING TRUNK	SD-31331-01	22G4

SD-31740-01-140

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
REGISTER TRUNK AND LINK	SD-32353-01	27B3
MISC ALM CKT FOR TRUNK AND MISC SHELVES	SD-32048-01	11E3
CONVERTER TRUNK CKT	SD-32326-01	26F3
TRUNK CLASS CONNECTOR	SD-32366-01	27D3
STATIONS ONLY COIN TRUNK DIAL POSTPAYMENT SERVICE COIN	SD-31732-01	1F4
COIN TRUNK DIAL PREPAYMENT SERVICE	SD-31592-02	1H4
SWITCH TBL ALM FOR LINE AND TRUNK FINDERS	SD-32239-01	11G4
MISC CKT TRUNK FR	SD-32244-01	23I2
CKT CONVERTER AND CONVERTER TRUNK FRAMES	MISC SD-32331-01	26E1
AUTO TRUNK TEST	SD-32315-01	23C2
.2 FOR TESTING SUB LINES AND TRUNKS / SET CKT LOCAL TEST CAB. NO	SD-96002-01	16E1
FROM LOCAL OFF. OR COIN BOX TRUNKS / LINE FOR TESTING TRUNKS INC	SD-31642-01	16D2
OX TR/ TEST LINE FOR TESTING TRUNKS INC FROM LOCAL OFF. OR COIN B	SD-31642-01	16D2
ON SPEC LEVELS OR FOR 2 DI/ TST DISTRIBUTOR ARR FOR ONE DIG OPR	SD-32007-01	4E2
K CKT TO TOLL INC SEL CX SIG TYPE"B" OR SX SIG	INC TR SD-31465-01	6H2
DM OPR LOOP SIG BAT.GRD PULS TYPE"B" TB SUP / ILDC TRK ONE DIG T	SD-31446-01	10D2

V

VACANT CODE TRK CKT	SD-31937-01	2H3
OVERFLOW TRK OR VACANT LEVEL TRK CKT	SD-31472-01	2F3
OGT FOR OFFICIAL PBX REPAIR VERIF REQUEST OR INFO SERV E AND M L	SD-32312-01	21H3
PEC LE/ DISTRIBUTOR CKT FOR VERIF SRV ARR FOR ONE DIGIT OPR ON S	SD-31451-01	3C3
LINE VERIFICATION	SD-32246-01	23H2
ED TOLL AND SXS NO./ AUD AND VISUAL ALM AND ALM TR CKT FOR COMBIN	SD-95075-01	11A4
ED TOLL AND SXS NO./ AUD AND VISUAL ALM AND ALM TR CKT FOR COMBIN	SD-95063-01	11C4

W

H RE/ INC TRK FROM TOLL SWBD WET DRY SUPV 20 CY RNG START SIG WIT	SD-31703-01	14E3
OUT ARRANGEMENT TO TEST BUSY WHILE LINE FOR HUNTS / WITH OR WITH	SD-32067-01	12H4
LINE FINDER 22 POINT 4 WIRE	SD-31793-01	1C3
ROTARY OUT TRK SWITCH 3 OR 4 WIRE	SD-32253-01	2G3
ROTARY OUT. TRK SWITCH 3 WIRE ARR FOR PRESELECTION	SD-30464-01	24C3
ROTARY OUT TRK SWITCH 3 OR 4 WIRE ARR FOR PRESELECTION	SD-30464-01	2H2
/ERIVING CKT FOR NON PH OPEN WIRE LINES HAVING BRIDGED TOLL STAT/	SD-95069-01	12I2
LINE FINDER 200 POINT 3 WIRE LOW RES SLEEVE	SD-33013-01	1D3
200 POINT 4 WIRE LOW RES SLEEVE	SD-33015-01	1E3
FIRST SELECTOR 3 WIRE WITH LINE LOCKOUT	SD-30976-01	2B2
FIRST SELECTOR 3 WIRE WITH LINE LOCKOUT	SD-33003-01	2B2
FIRST SELECTOR 3 WIRE WITH LINE LOCKOUT	SD-32077-01	2B2
FIRST SELECTOR 3 WIRE WITH LINE LOCKOUT	SD-32143-01	2B2
FIRST SELECTOR 4 WIRE WITH LINE LOCKOUT	SD-30976-01	2D2
FIRST SELECTOR 4 WIRE WITH LINE LOCKOUT	SD-33003-01	2D2
FIRST SELECTOR 4 WIRE WITH LINE LOCKOUT	SD-32077-01	2D2
FIRST SELECTOR 4 WIRE WITH LINE LOCKOUT	SD-32143-01	2D2
FIRST SELECTOR 3 WIRE WITHOUT LINE LOCKOUT	SD-30976-01	2C2
FIRST SELECTOR 3 WIRE WITHOUT LINE LOCKOUT	SD-33003-01	2C2
FIRST SELECTOR 3 WIRE WITHOUT LINE LOCKOUT	SD-30200-01	2C2
FIRST SELECTOR 3 WIRE WITHOUT LINE LOCKOUT	SD-32077-01	2C2

SD-31780-01-441

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
FIRST SELECTOR 3 WIRE WITHOUT LINE LOCKOUT	SD-32143-01	2C2
FIRST SELECTOR 4 WIRE WITHOUT LINE LOCKOUT	SD-30976-01	2F2
FIRST SELECTOR 4 WIRE WITHOUT LINE LOCKOUT	SD-33003-01	2F2
FIRST SELECTOR 4 WIRE WITHOUT LINE LOCKOUT	SD-32077-01	2F2
FIRST SELECTOR 4 WIRE WITHOUT LINE LOCKOUT	SD-32143-01	2F2
/RK HIGH- LOW SUPV NON- COIN W.O.RECALL WITH CLASS OF SERVICE TO/	SD-31925-01	6C2
LOCAL CONN (SEE NOTE 1)	SD-31941-01	333
ARR TO CUT THRU WHEN DIGITS 1 OR 11 ARE DIALED /LECTOR REPEATER	SD-30456-01	15F2
10 IPM INTERRUPTER CKT	SD-96343-01	A14
G TERM. PER LINE LOC CONN 10 PTY DIVIDED OR 10 PTY BRIDGED RY	SD-31920-01	3B1
LOC CONN 10 PTY DIVIDED OR 10 PTY BRIDGED RY	SD-31920-01	3B1
TERM. PER LINE 10 PTY DIVIDED RY	SD-30957-01	3B3
5 CODE FOR 5 PTY BRIDGED OR 10 PTY DIVIDED RY	SD-30956-01	3C2
5 CODE FOR 5 PTY BRIDGED OR 10 PTY DIVIDED RY	SD-30973-01	3F2
FOR RE/ LOC CONN 5 CODE FOR 10 PTY DIVIDED RY	SD-31410-01	311
EVER ADJUSTING USING ONE MW 1000 CYCLE SUPPLY SOURCE	MFP REC SD-95779-01	2394
TO CUT THRU WHEN DIGITS 1 OR 11 ARE DIALED /LECTOR REPEATER	ARR SD-30456-01	15F2
SEL OR SEMI-SEL SRV ARR FOR 2 DIGIT OPERATION /SEL AND/OR 4 PTY	SD-30974-01	2J2
G OPR ON SPEC LEVELS OR FOR 2 DIGIT OPERATION /OR ARR FOR ONE DI	SD-32007-01	4E2
IT OPR ON SPEC LEVELS OR FOR 2 DIGIT OPR /IF SRV ARR FOR ONE DIG	SD-31451-01	3C3
WBD USI/ COIN CONT TRK USING 2 FREQ OVER T AND R FOR CALLS FROM S	SD-32249-01	25E2
WBD USI/ COIN CONT TRK USING 2 FREQ OVER T AND R FOR CALLS FROM S	SD-32294-01	25G2
SWBD O/ COIN CONT TRK USING 2 FREQ OVER T AND R FOR OUT CALLS TO	SD-32294-01	25C2
/LAYERED OR BYPASSED RY INDIV 2 OR 4 PTY SELECTIVE AND 4 OR 4 PTY/	SD-96234-01	19D3
S OR LOOP PULS REV BAT. SUPV 2 REPS PER BASE /EP BAT. AND GRD PUL	SD-31779-01	21B2
R USE WITH MULTI- PTY ONE OR 2 TERMINAL PER LINE SERV /ST CONN FO	SD-31773-01	4C2
LOCAL TRK CKT ONE DIGIT TDM / 2 WAY COMBINED OPR OFFICE AND INTERL	SD-31477-01	5E3
BAT SUPV REP COIL TRANS 2 WAY ILDC TRK BAT. AND GRD PULS REV	SD-31442-01	5A3
ULSE CORRECTOR ON INC CALLS 2 WAY ILDC TRK CKT CX SIG TYPE "B" P	SD-31447-01	5F4
DIAL SELECTED CODE RINGING 2 WAY LINE OR TRK INC RINGDOWN OUT.	SD-31943-01	10F2
OPERATION FOR OFF BEYOND TO/ 2 WAY OPR OFF TRK CKT ONE DIGIT TDM	SD-31422-01	5D3
ONE WAY DIAL ONE DIGIT TDM/ 2 WAY OPR OFF. TRK CKT ONE WAY AUTO.	SD-31421-01	10B2
ONE WAY DIAL ONE DIGIT TDM/ 2 WAY OPR OFF. TRK CKT ONE WAY AUTO.	SD-31420-01	10C2
NG LOOP SUPV INC PULSE TRAN/ 2 WAY REPEATER OG BAT. AND GRD PULS	SD-31674-01	5E4
ATION RINGDOWN SIG 2 WAY TDM TRK CKT ONE DIGIT TDM OPR	SD-31474-01	10G2
B TOLL CX SIG TYPE "B" 2 WAY TRK CKT TO MAN. OR TOLL OFF. A	SD-31749-01	5H3
00P SIG 2 WAY TRK CKT TYPE "A" T.B. SUPPLY L	SD-31474-01	5B3
00P SIG 2 WAY TRK CKT TYPE "B" T.B. SUPPLY L	SD-31747-01	5C3
X OR CX CKT 2 WAY TRK CKT TYPE "B" T.B. SUPPLY S	SD-31775-01	513
LS LOOP RES 3000 OHMS OR LE/ 2 WAY TRK DIAL REPEATING ON OUT. CAL	SD-31602-01	13F2
POLICE SERV. ARR TO TRI/ OGT 2W TO TOLL HD FOR HOSPITAL FIRE AND	SD-31440-01	6B2
RING BACK OG 2W TRK CKT TO SPL SERV OPR COIN WITH	SD-31752-01	6E2
WITH RINGBACK OG 2W TRK CKT TO SPL SERV OPR NON-COIN	SD-31753-01	613
2WAY SLEEVE REPEATING CKT	SD-32062-01	7F4
NE DIG TDM OPR FOR OFF BYD / 2WY COMB. OPR OFF. AND ILDC TRK CKT O	SD-31444-01	5H4
IG TDM OPR CX OR SX SIG TYP/ 2WY COMB. OPR OFF. AND ILDC TRK ONE D	SD-31445-01	10E2
G TDM OPR LOOP SIG BAT. GRD / 2WY COMB. OPR OFF. AND ILDC TRK ONE DI	SD-31446-01	10D2
E WAY AUTO. ONE WAY DIALING/ 2WY OPR OFF. TRK CKT CX OR SX SUPV ON	SD-30490-01	1313

SD-31740-01-442

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CIRCUIT TITLE	DRAWING NO.	BLK LOC
-FOR OFF. BYD TDM CX SIG TY/	2WY OPR OFF. TRK CKT ONE DIG TDM OPR	SD-31423-01 5G4
E AND M LEAD SUPV WITH OR /	2WY OPR OFF. TRK HIGH-LOW REV BAT. OR	SD-32190-01 12D2
T FOR TOLL TRANS SEL ARR FOR	20 CY RNG START SIG TIMED RINGING CK	SD-32196-01 20J1
/FROM TOLL SWBD WET DRY SUPV	20 CY RNG START SIG WITH RERING OR /	SD-31703-01 14E3
TEST CONN	200 POINT	SD-33011-01 3A4
TRK FINDER	200 POINT-3-WIRE	SD-33013-01 7D3
LINE FINDER	200 POINT 3 WIRE LOW RES SLEEVE	SD-33013-01 1D3
	200 POINT 4 WIRE LOW RES SLEEVE	SD-33015-01 1E3
STA	LOC CONN 200 PT MULTI-PARTY SUP RNG TERM. PER	SD-33007-01 3F3
STA ARR FOR REV/ COMB. CONN	200 PT MULTI-PTY AC-DC RNG TERM. PER	SD-33009-01 3E2
STA ARR FOR REV CA/ LOC CONN	200 PT MULTI-PTY AC-DC RNG TERM. PER	SD-33005-01 3G1
TA	CONN. CONN 200 PT MULTI-PTY SUP RNG TERM. PER S	SD-33010-01 3F1
G TERM. PER STA AR/ LOC CONN	200 PT ROT HTG MULTI- PARTY AC-DC RN	SD-33006-01 3E3
ERM. PER STA	LOC CONN 200 PT ROT HTG MULTI-PARTY SUP RNG T	SD-33004-01 3H2
TRK FINDER CKT	22 POINT	SD-31793-01 7E3
LINE FINDER	22 POINT 4 WIRE	SD-31793-01 1C3
OMBINED TOLL AND SYS NO. 355A	24V ALM BAT. SUP /D ALM TR CKT FOR C	SD-95063-01 11C4
S OF TRK ON PERM SIG ARR FOR	3 DIGIT OFF. CODES /ER WITH AUTO. RL	SD-30A72-01 15F1
ROTARY OUT TRK SWITCH	3 OR 4 WIRE	SD-32253-01 2G3
ROTARY OUT TRK SWITCH	3 OR 4 WIRE ARR FOR PRESELECTION	SD-30A6A-01 2H2
ROTARY OUT. TRK SWITCH	3 WIRE ARR FOR PRESELECTION	SD-30A6A-01 24C3
LINE FINDER	200 POINT 3 WIRE LOW RES SLEEVE	SD-33013-01 1D3
FIRST SELECTOR	3 WIRE WITH LINE LOCKOUT	SD-30976-01 2B2
FIRST SELECTOR	3 WIRE WITH LINE LOCKOUT	SD-33003-01 2B2
FIRST SELECTOR	3 WIRE WITH LINE LOCKOUT	SD-32077-01 2B2
FIRST SELECTOR	3 WIRE WITH LINE LOCKOUT	SD-321A3-01 2B2
FIRST SELECTOR	3 WIRE WITHOUT LINE LOCKOUT	SD-30976-01 2C2
FIRST SELECTOR	3 WIRE WITHOUT LINE LOCKOUT	SD-33003-01 2C2
FIRST SELECTOR	3 WIRE WITHOUT LINE LOCKOUT	SD-30200-01 2C2
FIRST SELECTOR	3 WIRE WITHOUT LINE LOCKOUT	SD-32077-01 2C2
FIRST SELECTOR	3 WIRE WITHOUT LINE LOCKOUT	SD-321A3-01 2C2
ATING ON OUT. CALLS LOOP RES	3000 OHMS OR LESS /WAY TRK DIAL REPE	SD-31602-01 13F2
DIV 2 OR 4 PTY SELECTIVE AND 4 OR A PTY SEMI-SELECTIVE	/D RNG IN	SD-96234-01 19D3
/E REPEATED RNG FOR USE WITH	4 PARTY SEL OR A PARTY SEMI-SEL LIN/	SD-95435-01 19E3
REVERTING CALL SELECTOR	4 PARTY SEMI- SELECTIVE RNG	SD-31A31-01 212
/L SEL A PTY SEMI-SEL AND/OR	4 PTY SEL. OR SEMI-SEL SRV ARR FOR 2/	SD-3097A-01 2J2
/ OR BYPASSED RNG INDIV 2 OR 4 PTY SELECTIVE AND 4 OR A PTY SEMI/		SD-96234-01 19D3
LINE FINDER	22 POINT 4 WIRE	SD-31793-01 1C3
ROTARY OUT TRK SWITCH	3 OR 4 WIRE	SD-32253-01 2G3
ROTARY OUT TRK SWITCH	3 OR 4 WIRE ARR FOR PRESELECTION	SD-30A6A-01 2H2
	200 POINT 4 WIRE LOW RES SLEEVE	SD-33015-01 1E3
FIRST SELECTOR	4 WIRE WITH LINE LOCKOUT	SD-30976-01 2D2
FIRST SELECTOR	4 WIRE WITH LINE LOCKOUT	SD-33003-01 2D2
FIRST SELECTOR	4 WIRE WITH LINE LOCKOUT	SD-32077-01 2D2
FIRST SELECTOR	4 WIRE WITH LINE LOCKOUT	SD-321A3-01 2D2
FIRST SELECTOR	4 WIRE WITHOUT LINE LOCKOUT	SD-30976-01 2F2
FIRST SELECTOR	4 WIRE WITHOUT LINE LOCKOUT	SD-33003-01 2F2
FIRST SELECTOR	4 WIRE WITHOUT LINE LOCKOUT	SD-32077-01 2F2
FIRST SELECTOR	4 WIRE WITHOUT LINE LOCKOUT	SD-321A3-01 2F2
OMBINED TOLL AND SYS NO. 355A	44V ALM BAT. SUP /D ALM TR CKT FOR C	SD-95075-01 11A4
		SD-317A0-01-343

CIRCUIT INDEX

CIRCUIT TITLE	DRAWING NO.	BLK LOC
ROT HUNTING 5 PTY BRIDGED OR 5 CD TERM. PER LINE 10 PTY DIVIDED/	SD-30957-01	3B3
PER STA ARR FOR RE/ LOC CONN 5 CODE FOR 10 PTY DIVIDED RNG TERM.	SD-31810-01	311
IVIDED RNG TERM. / COMB. CONN 5 CODE FOR 5 PTY BRIDGED OR 10 PTY D	SD-30973-01	3F2
RNG OR 5 PTY BRID/ LOC CONN 5 CODE TERM. PER LINE 10 PTY DIVIDED	SD-30956-01	3C2
TERM. / COMB. CONN 5 CODE FOR 5 PTY BRIDGED OR 10 PTY DIVIDED RNG	SD-30973-01	3F2
E 10 P/ LOC CONN ROT HUNTING 5 PTY BRIDGED OR 5 CD TERM. PER LIN	SD-30957-01	3B3
/ LINE 10 PTY DIVIDED RNG OR 5 PTY BRIDGED RNG ARR FOR REV CALLS/	SD-30956-01	3C2
WITH AN ANN MACH ANN SYS NO. 7A /CONN TERMS. OR SEL LEV FOR USE	SD-32202-01	7C2
FOR USE WITH 4 PARTY SEL OR 8 PARTY SEMI-SEL LINES /REPEATED RNG	SD-95435-01	19B3
EMI-SEL SRV AR/ REV CALL SEL 4 PTY SEMI-SEL AND/OR 4 PTY SEL OR 5	SD-30974-01	2J2
LOC CONN 4 PTY SEMI-SEL RNG TERM. PER LINE	SD-30979-01	3B2
COMB. CONN 4 PTY SEMI-SEL RNG TERM. PER LINE	SD-31815-01	3D1
LOC CONN 4 PTY SEMI-SEL RNG TERM. PER STA	SD-31805-01	3H1
OR 4 PTY SELECTIVE AND 4 OR 8 PTY SEMI-SELECTIVE /D RNG INDIV 2	SD-96234-01	19D3
0 CANCE R/ COMB. ROT HTG CONN 4 PTY TERM PER LINE SEMI- SEL RNG T	SD-31816-01	3H3
R TO CANCE/ LOC ROT HTG CONN 4PTY TERM. PER LINE SEMI- SEL RNG AR	SD-30977-01	312

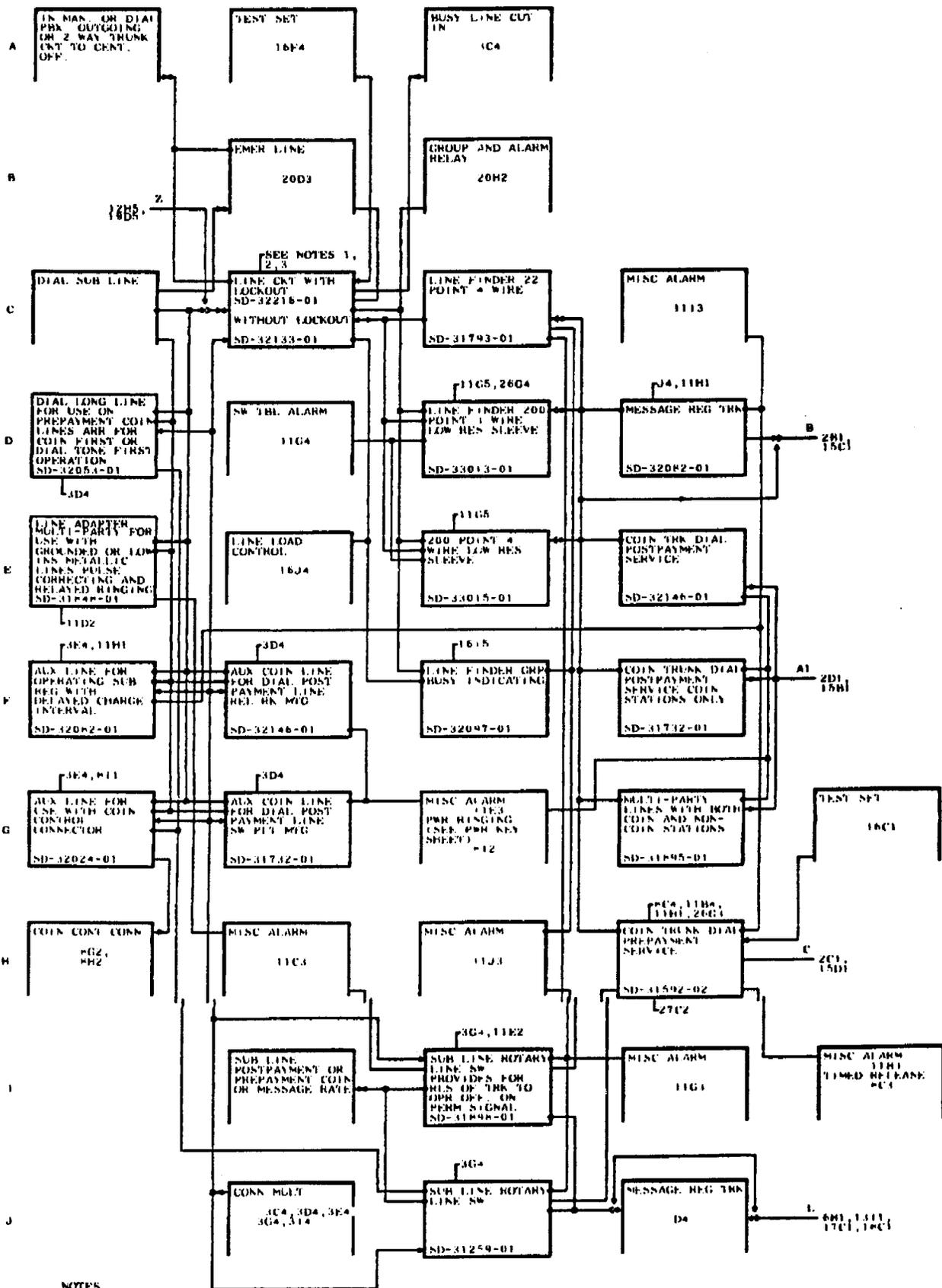
DRAWING NUMBER INDEX

DWG NO.	BLK LOC	DWG NO.	BLK LOC	DWG NO.	BLK LOC
SD-30200-01	2B3	SD-31732-01	1G2	SD-31884-01	5H4
SD-30200-01	2C2	SD-31737-01	3A1	SD-31885-01	10E2
SD-30200-01	2C3	SD-31738-01	3G2	SD-31886-01	10D2
SD-30243-01	4D2	SD-31739-01	3D2	SD-31887-01	6D2
SD-30855-01	15G2	SD-31744-01	22J3	SD-31888-01	6H3
SD-30856-01	15F2	SD-31745-01	22D3	SD-31892-01	21G2
SD-30868-01	24C3	SD-31747-01	5C3	SD-31896-01	1C4
SD-30868-01	2H2	SD-31749-01	5H3	SD-31898-01	11I3
SD-30872-01	15F1	SD-31752-01	6E2	SD-31912-01	11F2
SD-30889-01	13I2	SD-31753-01	6I3	SD-31914-01	15B2
SD-30890-01	13I3	SD-31767-01	7E2	SD-31916-01	22H3
SD-30893-01	20B4	SD-31771-01	7H3	SD-31919-01	3E1
SD-30950-01	3D3	SD-31773-01	4C2	SD-31920-01	3B1
SD-30956-01	3C2	SD-31775-01	5I3	SD-31925-01	6C2
SD-30957-01	3B3	SD-31779-01	21B2	SD-31929-01	13G2
SD-30973-01	3F2	SD-31793-01	1C3	SD-31929-01	13H2
SD-30974-01	10D3	SD-31793-01	7E3	SD-31932-01	16C2
SD-30976-01	21B2	SD-31795-01	6F3	SD-31937-01	2H3
SD-30976-01	2B3	SD-31805-01	3H1	SD-31965-01	7F3
SD-30976-01	2C2	SD-31810-01	3I1	SD-31974-01	11C3
SD-30976-01	2C3	SD-31815-01	3D1	SD-31975-01	11B3
SD-30976-01	2D2	SD-31816-01	3H3	SD-31976-01	11G3
SD-30976-01	2F2	SD-31820-01	10C2	SD-31978-01	11I3
SD-30977-01	3I2	SD-31821-01	10B2	SD-31981-01	3A3
SD-30978-01	2J2	SD-31822-01	5D3	SD-31983-01	10F2
SD-30979-01	3B2	SD-31823-01	5G4	SD-31990-01	10H2
SD-30990-01	7G3	SD-31825-01	8D2	SD-31993-01	8B3
SD-30999-01	2C3	SD-31831-01	2I2	SD-31995-01	7H2
SD-31147-01	21J2	SD-31832-01	3A2	SD-32001-01	16F1
SD-31225-01	9D4	SD-31833-01	3C1	SD-32007-01	4E2
SD-31241-01	22F3	SD-31840-01	6B2	SD-32008-01	10F3
SD-31259-01	1J3	SD-31841-01	14F3	SD-32008-01	21A2
SD-31331-01	21G3	SD-31842-01	5A3	SD-32024-01	1G1
SD-31331-01	22G4	SD-31844-01	8D3	SD-32025-01	2E4
SD-31337-01	7D2	SD-31848-01	1E1	SD-32032-01	21C3
SD-31349-01	4G2	SD-31851-01	3C3	SD-32032-01	21G1
SD-31481-01	16D4	SD-31853-01	22A2	SD-32042-01	6H3
SD-31514-01	11G1	SD-31853-01	8H2	SD-32043-01	11D3
SD-31592-02	1H4	SD-31856-01	12F2	SD-32045-01	11H3
SD-31602-01	13F2	SD-31857-01	16B2	SD-32048-01	11E3
SD-31642-01	16D2	SD-31858-01	16C1	SD-32053-01	1D1
SD-31667-01	16E4	SD-31859-01	16B1	SD-32061-01	6G2
SD-31674-01	5E4	SD-31861-01	8C3	SD-32062-01	7F4
SD-31681-01	14F4	SD-31865-01	6H2	SD-32063-01	2C4
SD-31703-01	14E3	SD-31867-01	5F4	SD-32065-01	18I3
SD-31723-01	22E3	SD-31868-01	8B2	SD-32067-01	12H4
SD-31725-01	16C5	SD-31872-01	2F3	SD-32069-01	16J4
SD-31726-01	12B2	SD-31874-01	5B3	SD-32077-01	2B2
SD-31728-01	3C4	SD-31877-01	5E3	SD-32077-01	2B3
SD-31732-01	1F4	SD-31878-01	10G2	SD-32077-01	2C2

DRAWING NUMBER INDEX

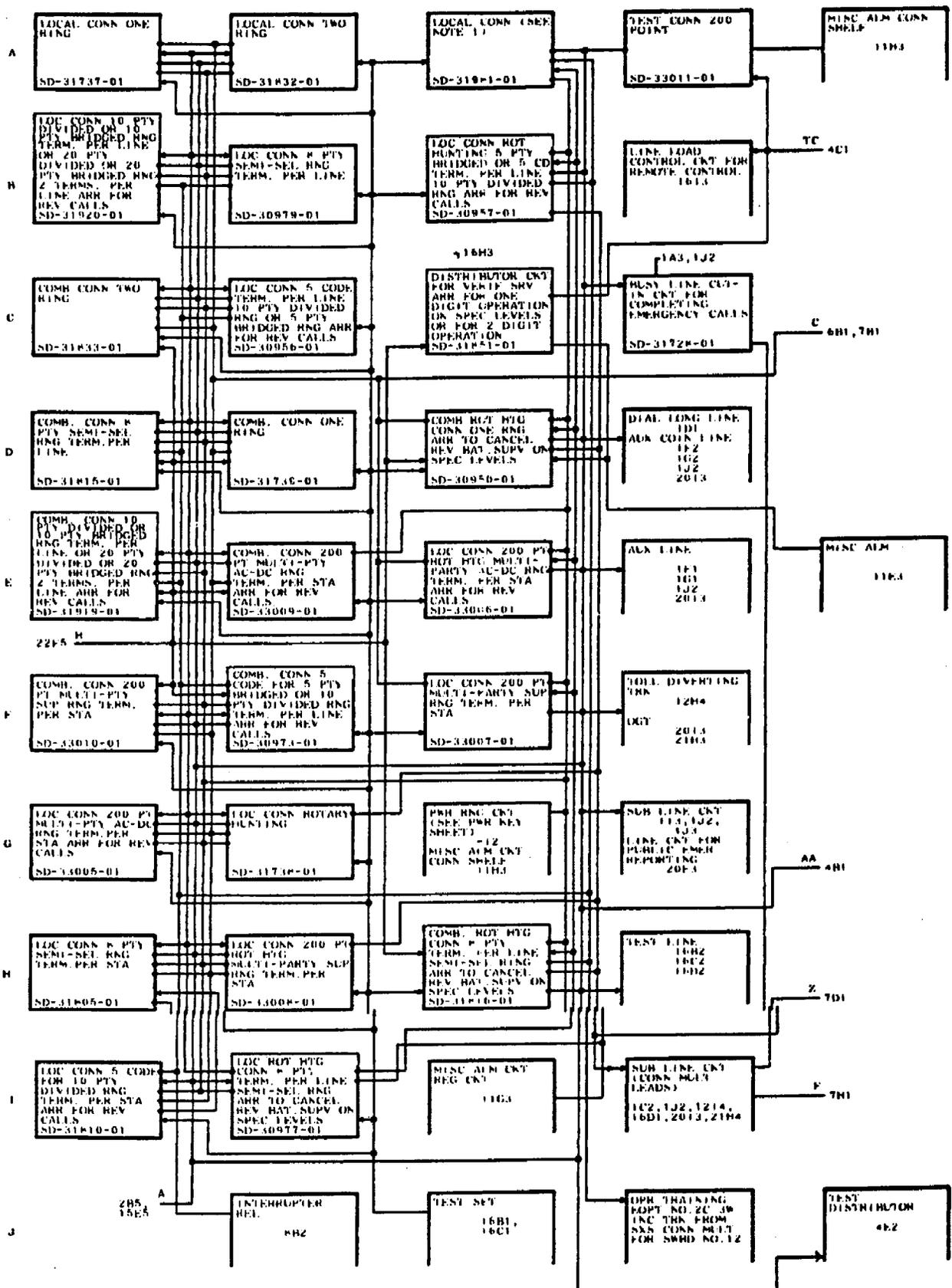
DWG NO.	BLK LOC	DWG NO.	BLK LOC	DWG NO.	BLK LOC
SD-32077-01	2C3	SD-32253-01	2G3	SD-33027-01	24G3
SD-32077-01	2D2	SD-32281-01	24C2	SD-33028-01	26C2
SD-32077-01	2D3	SD-32288-01	25C2	SD-80834-01	8H3
SD-32077-01	2F2	SD-32289-01	25E2	SD-90232-01	9B5
SD-32082-01	1D4	SD-32298-01	25G2	SD-95000-01	23B5
SD-32082-01	1F1	SD-32300-01	25H2	SD-95031-01	22B2
SD-32084-01	21E2	SD-32309-01	7G4	SD-95063-01	11C4
SD-32084-01	7I2	SD-32310-01	20F2	SD-95069-01	12I2
SD-32087-01	21F2	SD-32311-01	21H2	SD-95075-01	11A4
SD-32093-01	17I3	SD-32312-01	21H3	SD-95083-01	20E2
SD-32097-01	1F3	SD-32313-01	20D3	SD-95435-01	19E3
SD-32102-01	11F3	SD-32315-01	23C2	SD-95484-01	11I4
SD-32108-01	16I3	SD-32326-01	26F3	SD-95536-01	23C4
SD-32123-01	9D2	SD-32328-01	26C3	SD-95607-01	19G3
SD-32128-01	9C3	SD-32329-01	28D3	SD-95667-01	8F2
SD-32129-01	9F2	SD-32330-01	28D2	SD-95690-01	20H5
SD-32133-01	1C2	SD-32331-01	28E1	SD-95779-01	23B4
SD-32136-01	6I2	SD-32333-01	28E2	SD-95810-01	23F2
SD-32146-01	1E4	SD-32351-01	27E3	SD-95811-01	23E3
SD-32146-01	1F2	SD-32352-01	27E2	SD-95813-01	23E1
SD-32150-01	16F4	SD-32353-01	27B3	SD-95814-01	23C1
SD-32153-01	16E3	SD-32354-01	27D4	SD-95815-01	23C3
SD-32183-01	7G2	SD-32355-01	27E4	SD-95816-01	23H3
SD-32188-01	6F2	SD-32356-01	27F4	SD-95818-01	23F4
SD-32170-01	21D2	SD-32357-01	27E5	SD-95819-01	23G3
SD-32183-01	2B2	SD-32359-01	27C4	SD-95820-01	23D4
SD-32183-01	2B3	SD-32360-01	27H3	SD-95822-01	23G4
SD-32183-01	2C2	SD-32361-01	27I3	SD-95823-01	23G2
SD-32183-01	2C3	SD-32362-01	27F3	SD-95825-01	23C5
SD-32183-01	2D2	SD-32364-01	27G4	SD-95827-01	23I3
SD-32183-01	2F2	SD-32365-01	27G3	SD-95829-01	23A2
SD-32184-01	10E3	SD-32366-01	27D3	SD-95667-01	23E4
SD-32184-01	21I2	SD-33001-01	22G3	SD-95873-01	20F3
SD-32187-01	21C2	SD-33003-01	2B2	SD-95890-01	23E2
SD-32190-01	12D2	SD-33003-01	2B3	SD-95898-01	24E3
SD-32192-01	11J3	SD-33003-01	2C2	SD-95956-01	20F4
SD-32193-01	11A2	SD-33003-01	2C3	SD-95956-01	25D1
SD-32194-01	20H2	SD-33003-01	2D2	SD-95965-01	20J4
SD-32196-01	20J1	SD-33003-01	2F2	SD-96002-01	16E1
SD-32199-01	13D2	SD-33005-01	3G1	SD-96128-01	20G1
SD-32202-01	7C2	SD-33006-01	3E3	SD-96234-01	19D3
SD-32216-01	1C2	SD-33007-01	3F3	SD-96343-01	8I4
SD-32239-01	11G4	SD-33008-01	3H2	SD-96357-01	8E3
SD-32240-01	13B2	SD-33009-01	3E2	SD-96403-01	8F3
SD-32241-01	13C2	SD-33010-01	3F1	SD-96468-01	19C3
SD-32244-01	23D2	SD-33011-01	3A4	SD-96469-01	20D1
SD-32245-01	23B2	SD-33013-01	1D3	SD-96474-01	14B2
SD-32246-01	23H2	SD-33013-01	7D3	SD-96146-01	26C4
SD-32247-01	23D1	SD-33015-01	1E3		
SD-32248-01	23I2	SD-33022-01	9B2		

SD-31780-01-A46



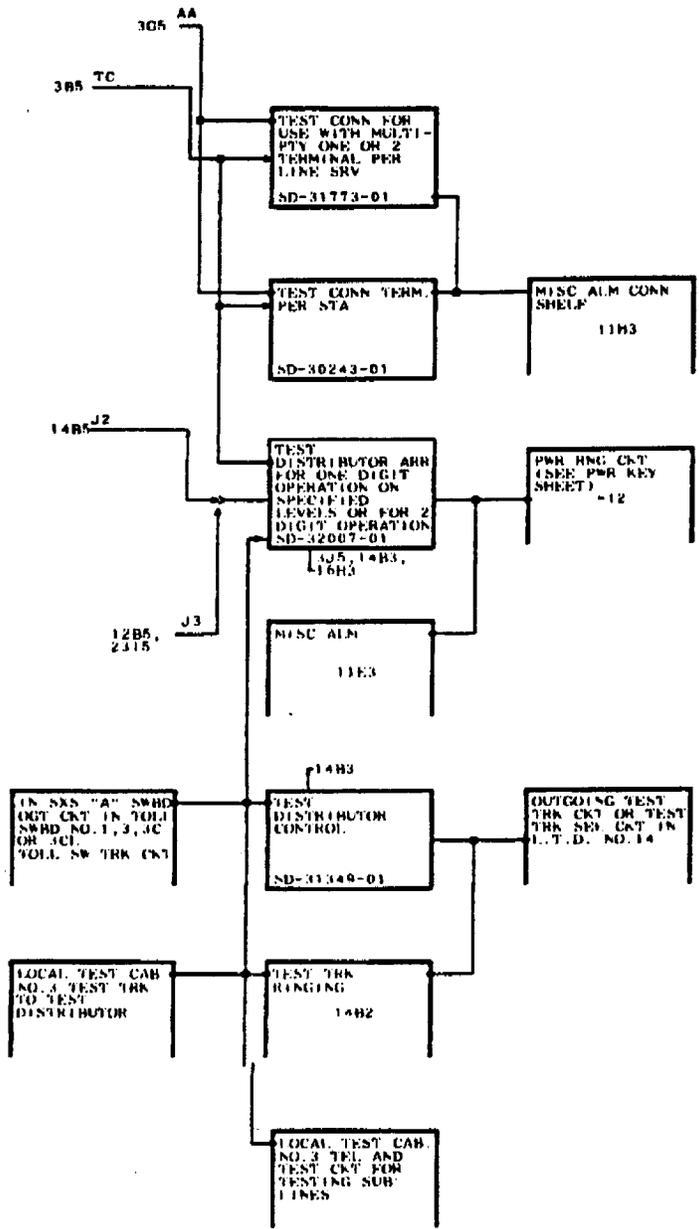
NOTES

1. CONNECTION TO GROUP AND ALARM RELAY CNT APPLIES ONLY TO SD-32216-01 (BLOCK C2).
2. PROVIDE SD-32216-01 (BLOCK C2) ONLY WITH 3 WIRE LINE FINDER. PROVIDE SD-32133-01 (BLOCK C2) FOR PREPAYMENT COIN LINES OTHERWISE PROVIDE SD-32216-01
3. 314, 16F4, 16F3, 16H5, 17H4, 18G4, 20H2, 2015, 23F1

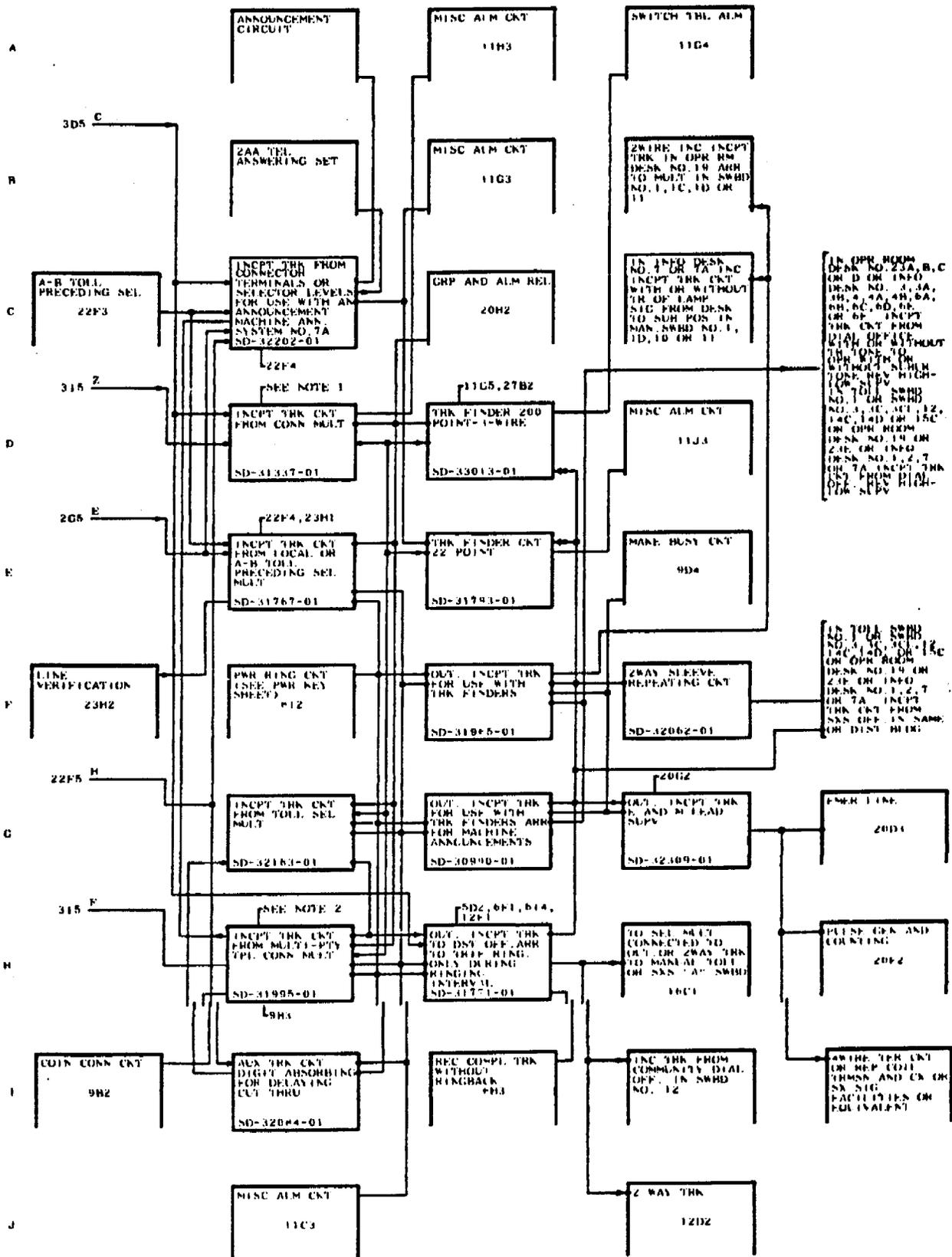


NOTES
 1. ROT RING 10 PTY DIVIDED OR 10 PTY BRIDGED RINGING TERM PER LINE OR 20 PTY DIVIDED OR 20 PTY BRIDGED RINGING 2 TERMS PER LINE ARRANGED FOR REVERTING CALLS.

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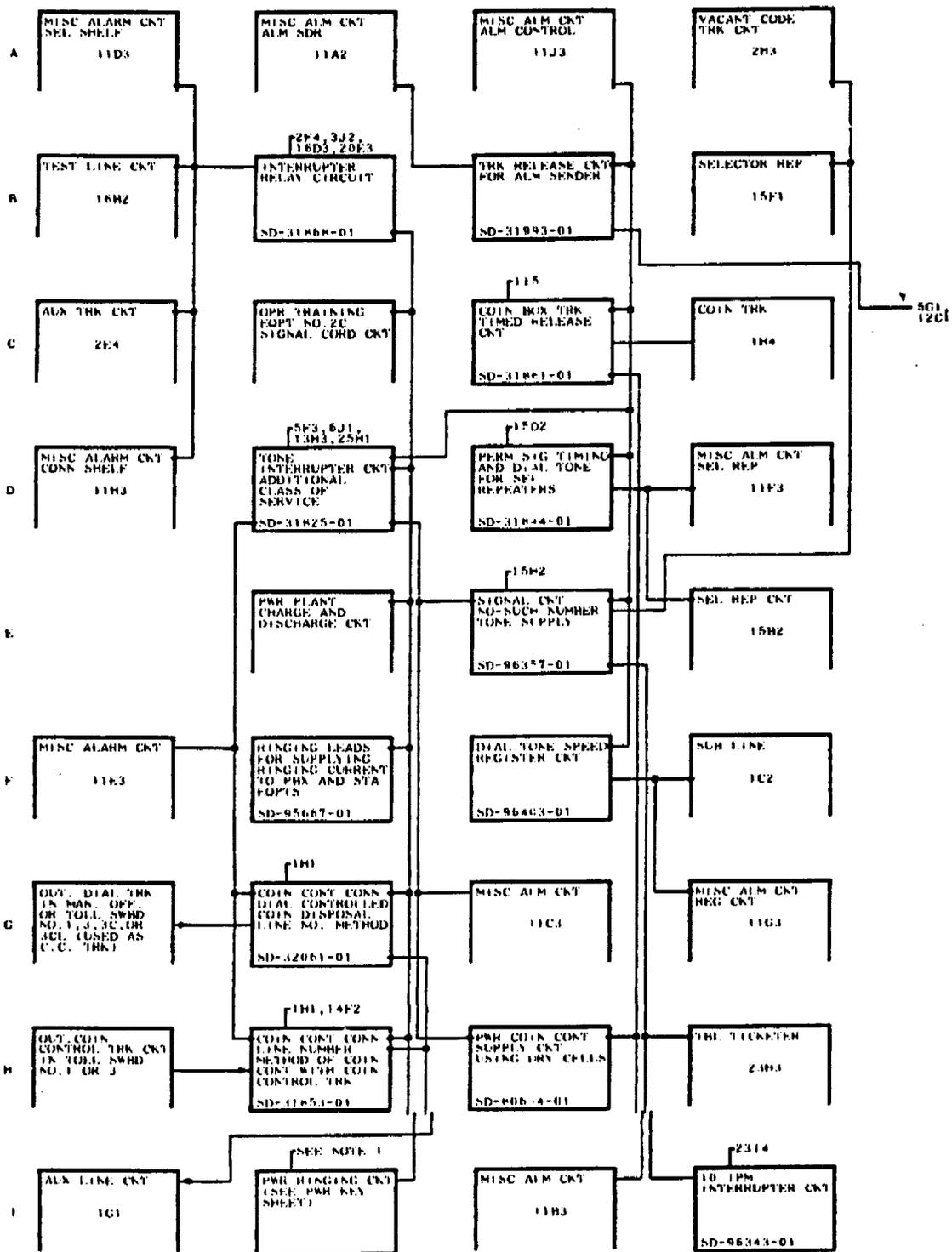
CONNECTORS AND TEST DISTRIBUTOR CIRCUITS



NOTES

1. PROVIDE SD-31337-01 (BLOCK D2) FOR INTERCEPTING ALL CALLS TO A CONNECTOR TERMINAL.
2. PROVIDE SD-31995-01 (BLOCK H2) FOR INTERCEPTING ON A PARTICULAR PARTY ON A LINE SERVED BY TPL CONNECTORS.

INTERCEPTING TRUNK AND TRUNK FINDER CIRCUITS



NOTES

1. 1G3, 2J4, 3G3, 4E3, 5G3, 6G4, 7F2, 10E1, 11A3, 13G3, 15C2, 16B3, 16H4, 17D3, 1PH3, 20E3, 21A3, 22C2, 2512

K

1

2

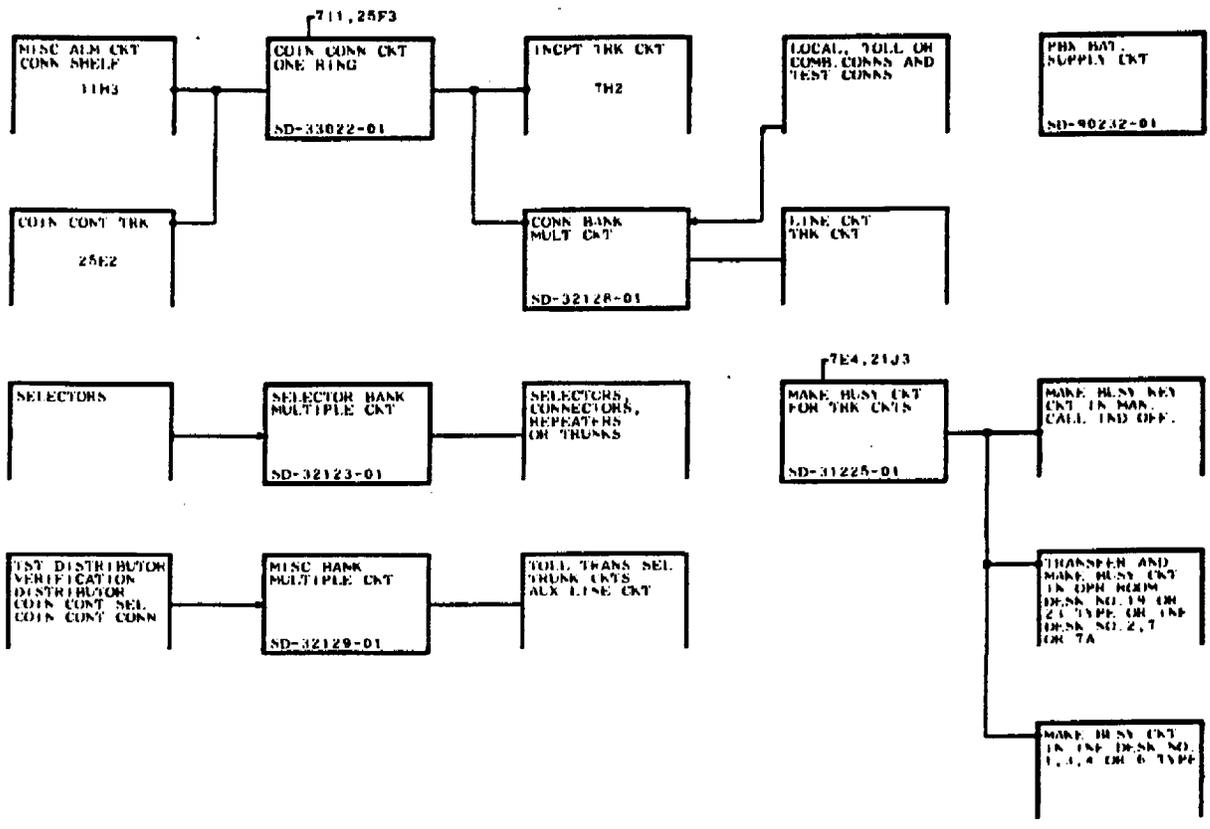
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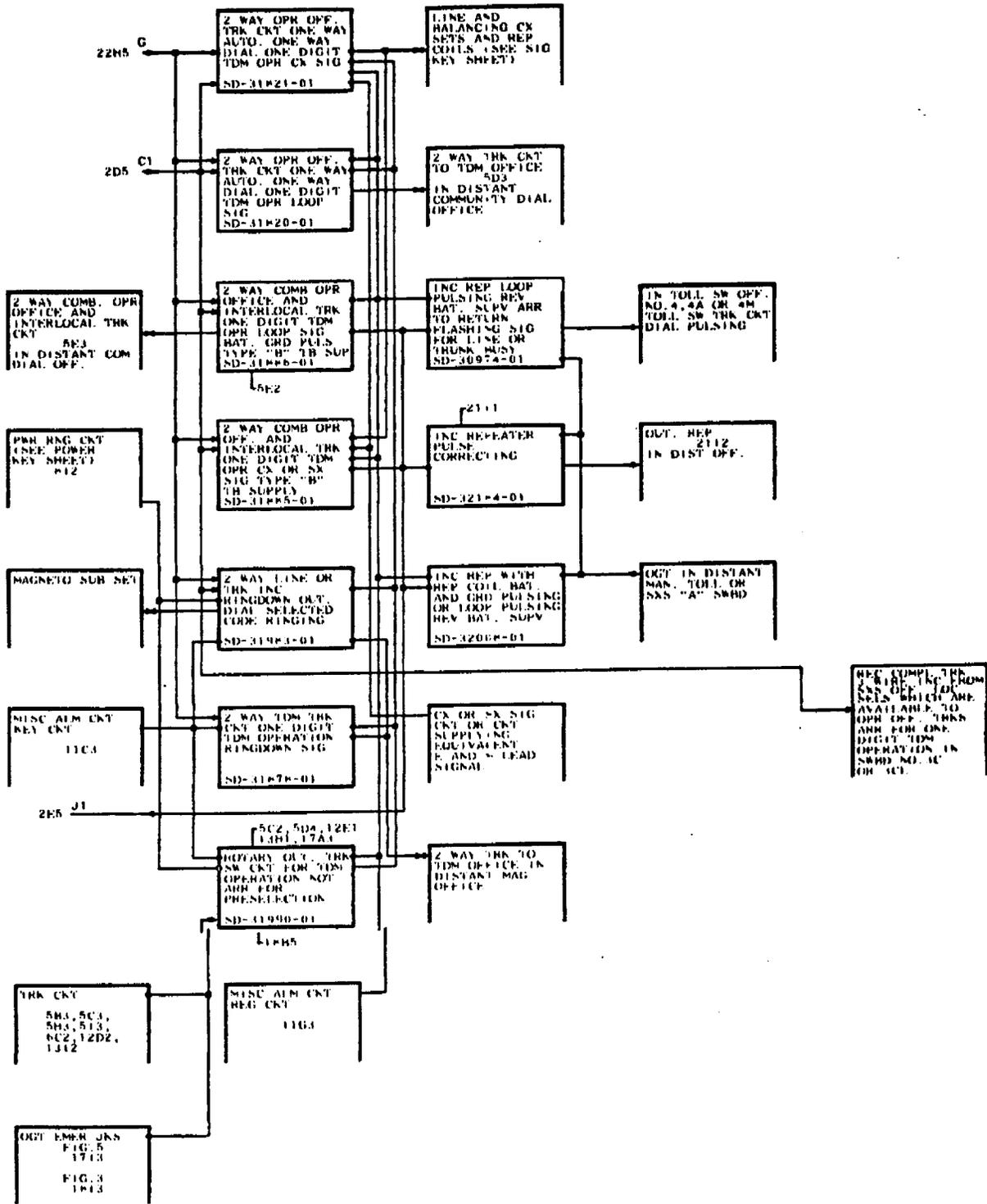
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ALARM, POWER, CONNECTOR AND MISC CIRCUITS

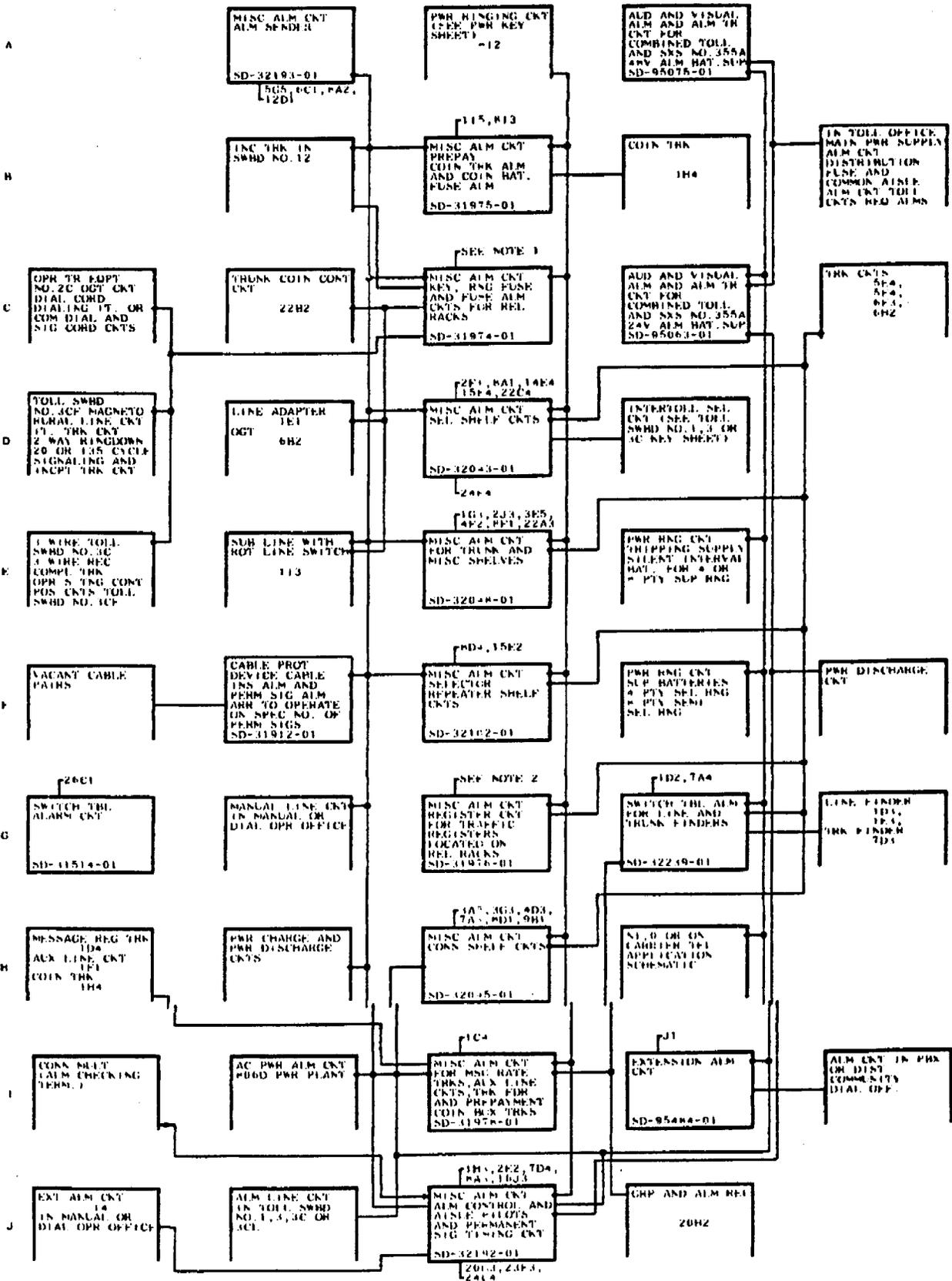
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ONE DIGIT TANDEM OFFICE CKTS AND INCOMING REPEATER CIRCUITS



- NOTES
1. 1H2, 214, 514, 6A2, 6H4, 7J2, 8G3, 10G1, 13E3, 14D3, 15G1, 16C3, 20F1, 21A3, 22C1, 25C1
 2. 114, 213, 313, 5B2, 5E5, 514, 6H4, 6J2, 7H3, 8G4, 1012, 12D3, 13B1, 14D4, 16F3, 1614, 20C2, 21A4, 22E4, 23J2, 24E2

ALARM CIRCUITS

A

B

C

D

E

F

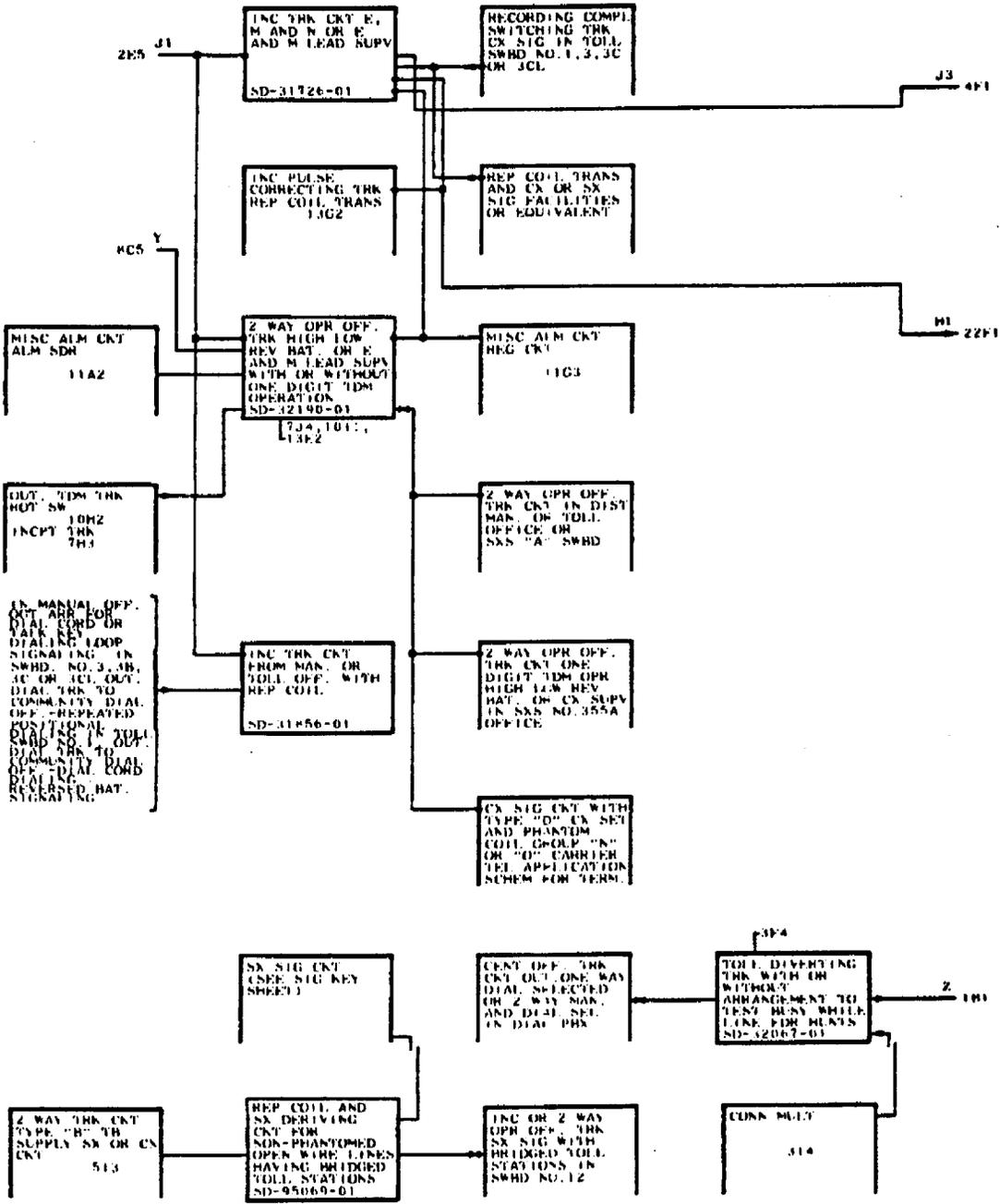
G

H

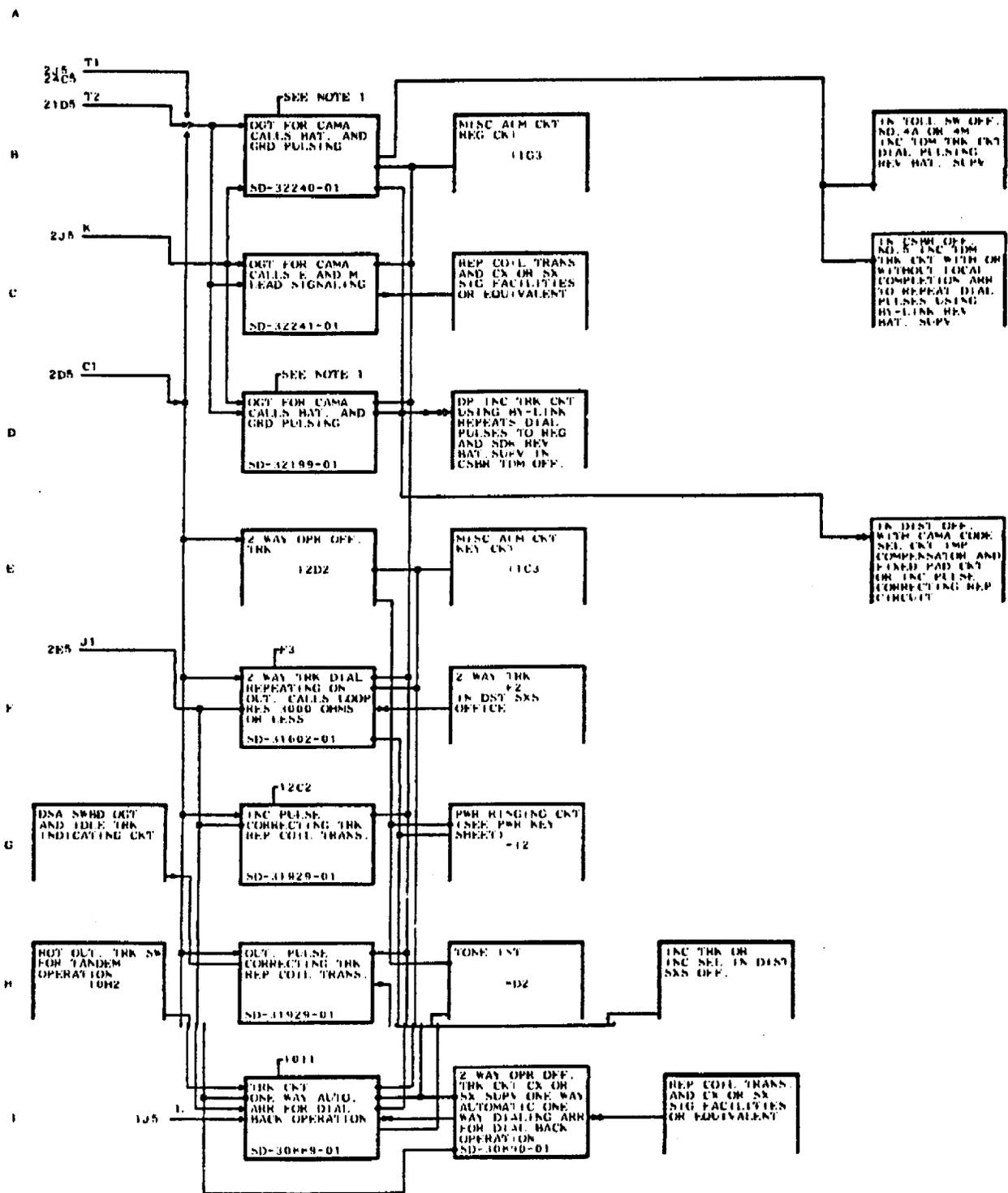
I

J

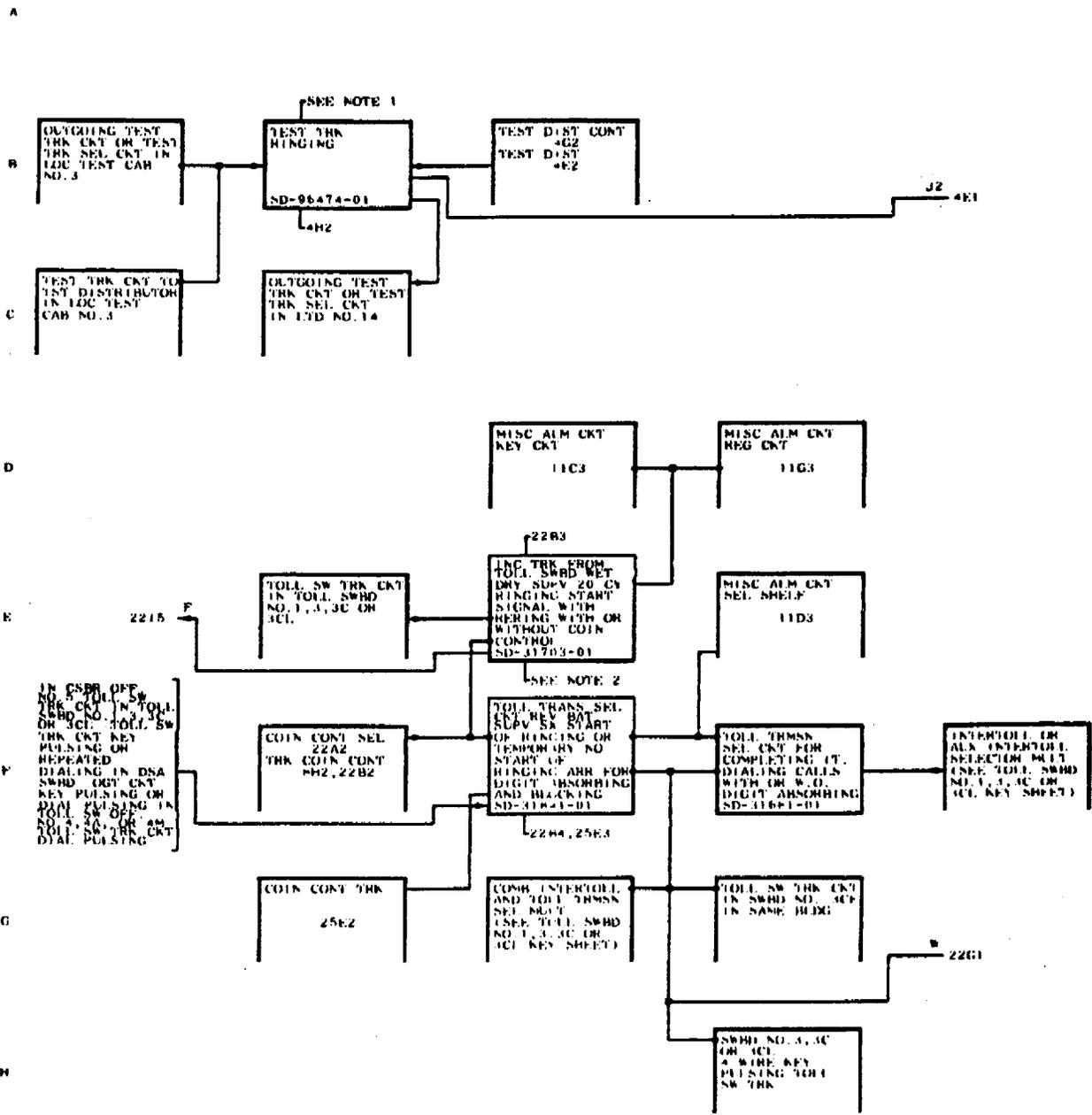
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INC. OUT. AND 2 WAY TRUNK CIRCUITS



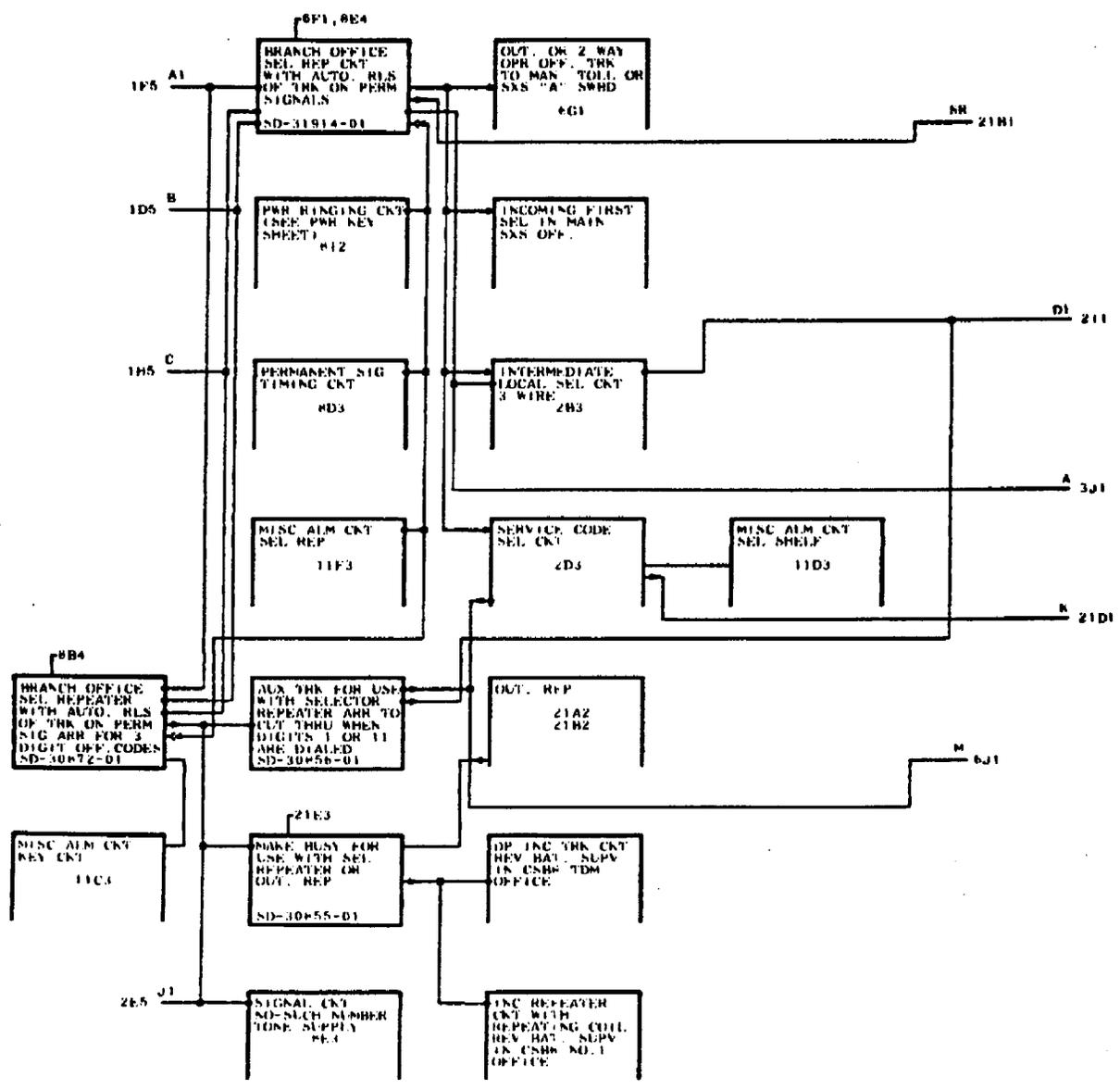
NOTES
 1. PROVIDE SD-32199-01 (BLOCK D2) WHEN Z OPTION IS USED IN SD-27010-01 INC TRK CKT IN CSRR TDM OFF., OTHERWISE PROVIDE SD-32240-01 (BLOCK B2)



NOTES
 1. PROVIDE THE TEST TRK RINGING CKT (BLOCK B2) WHEN THE TRUNK CONDUCTOR LOOP EXCEEDS 300 OHMS IN SEMI-SELECTIVE OFFICES OR FULL SELECTIVE OFFICES IN WHICH ALL THE 4 PTY LINES ARE EQUIPPED WITH TUBE TYPE SETS, AND WHEN THE TRK CONDUCTOR LOOP EXCEEDS 200 OHMS IN FULL SELECTIVE OFFICES IN WHICH SOME OF THE LINES HAVE RELAY SETS REGARDLESS OF THE LENGTH OF THE MAX SUB LOOP IN THE OFFICE.
 2. SD-31703-01 (BLOCK E3) IS RATED "A AND M ONLY".

TOLL TRAIN CKTS AND TEST TRUNK RINGING CIRCUITS

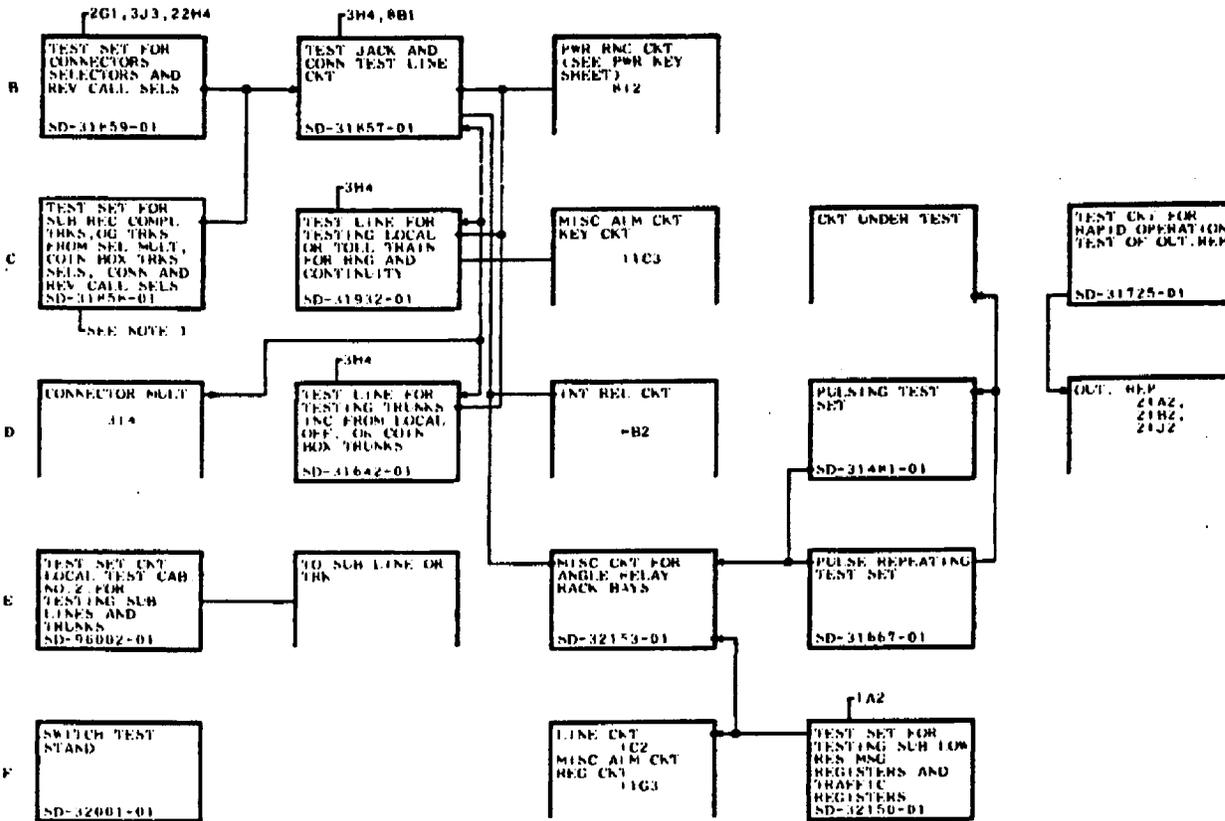
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1 2 3 4 5
SELECTOR AND SELECTOR REPEATER CIRCUITS

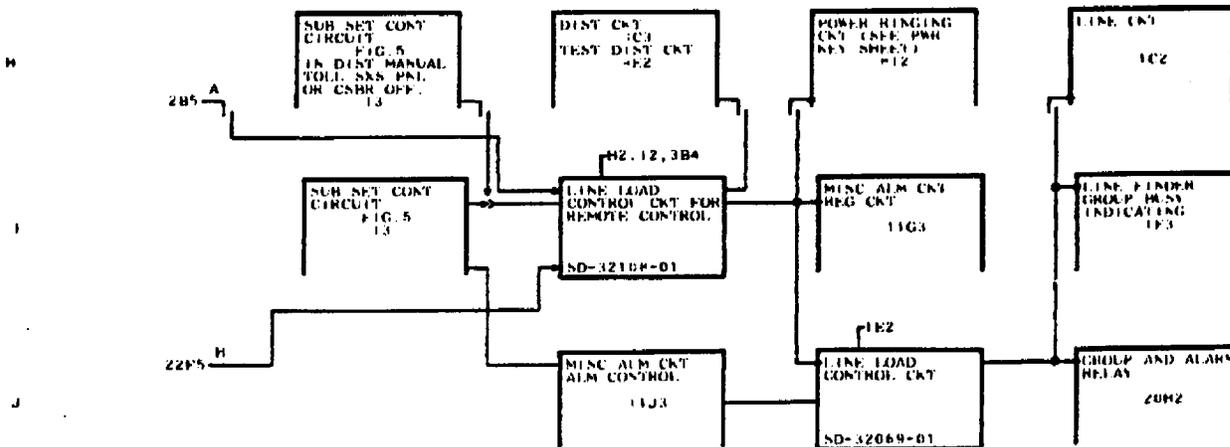
TEST CIRCUITS

A



LINE LOAD CONTROL CKTS

G



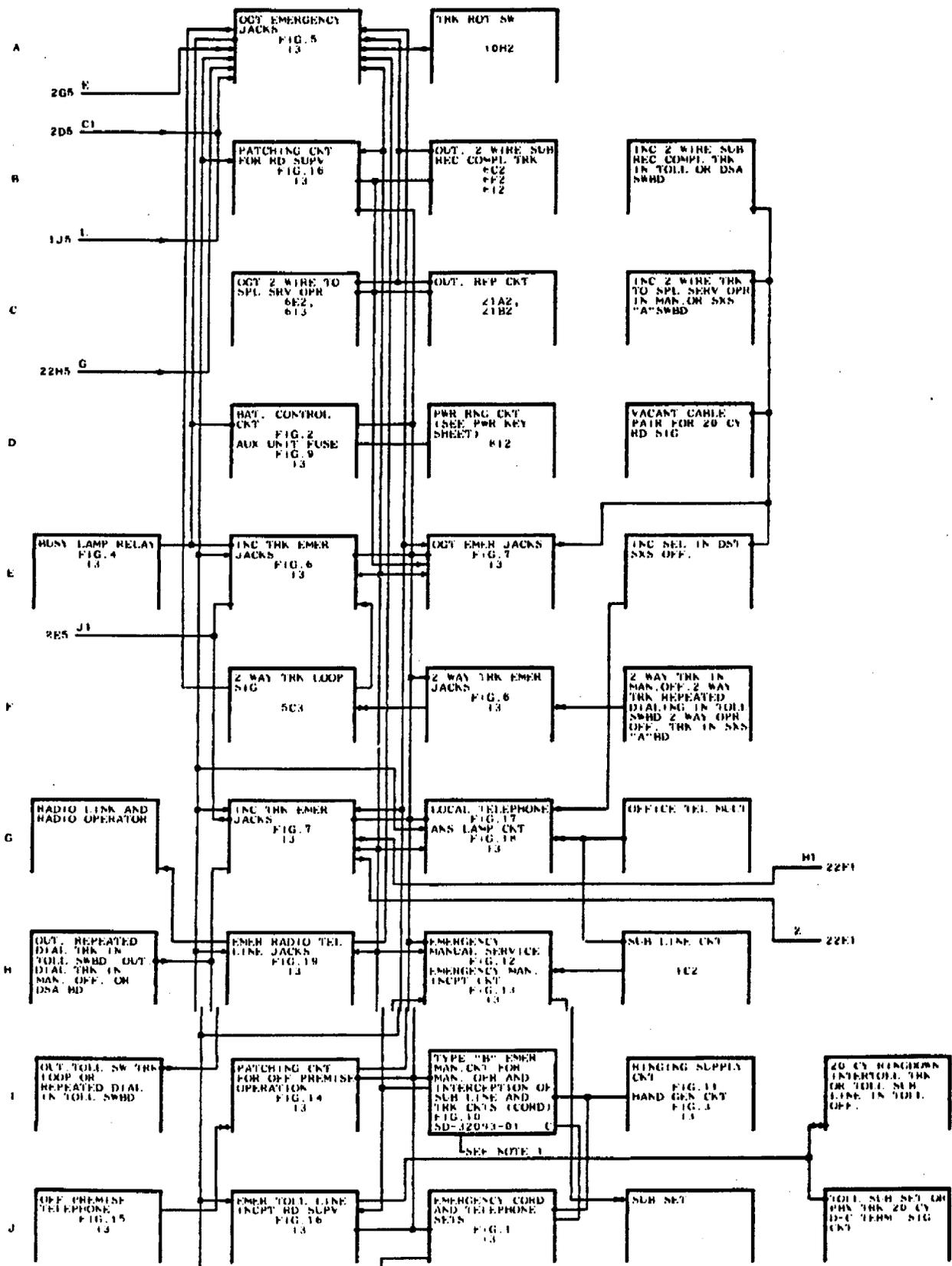
NOTES

1. 1G5, 2G1, 3J3, 6G1, 7H4, 2012, 22D4

K

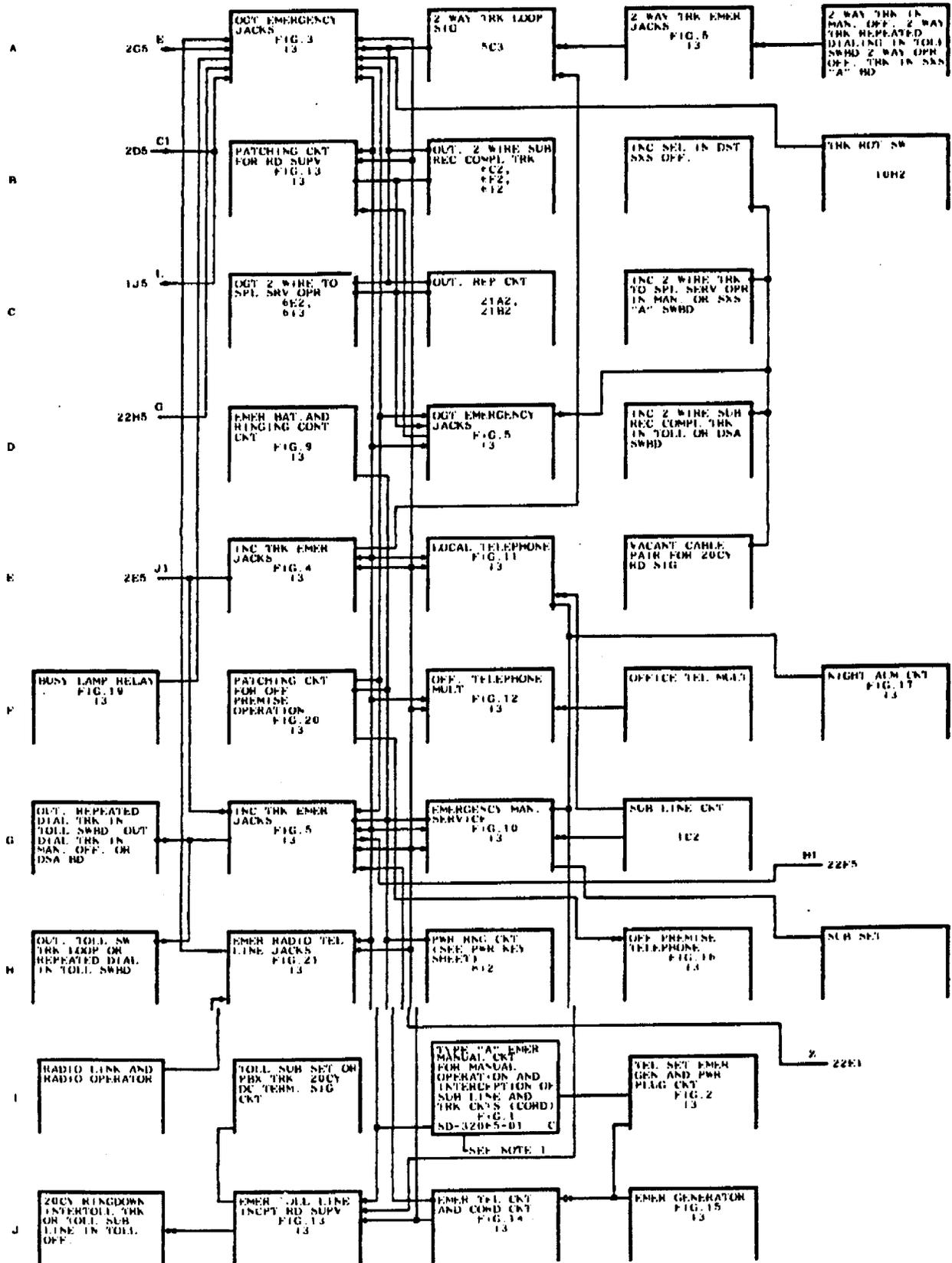
1 2 3 4 5

TEST CIRCUITS AND LINE LOAD CONTROL CIRCUITS



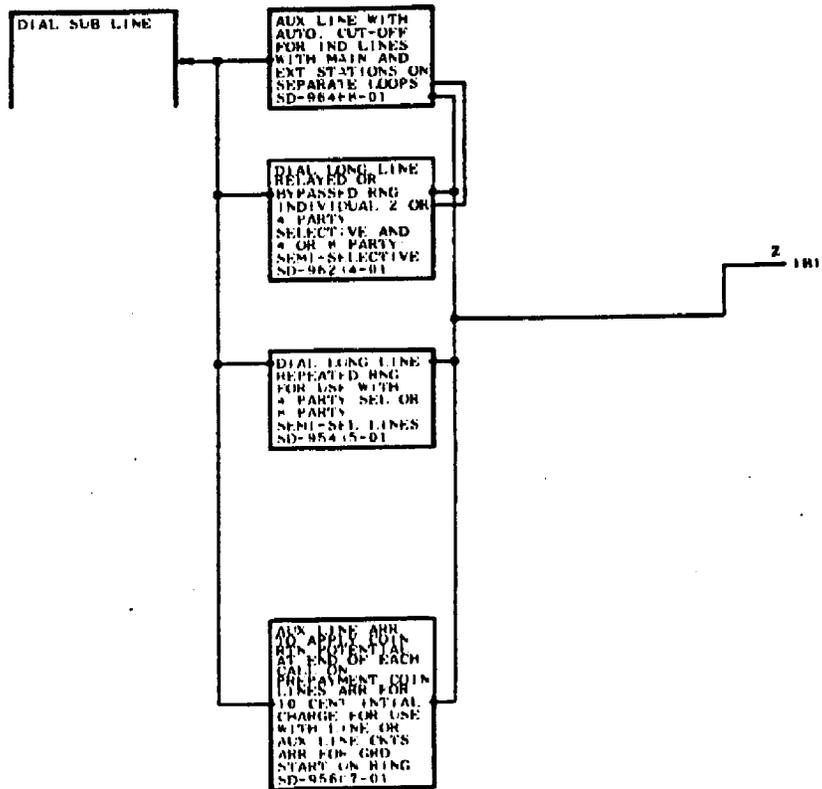
NOTES
 1. E1, J1, A2, H2, D2, E2, G2, H2, I2, J2, E3, F3, G3, H3, J3, 14, 10J1

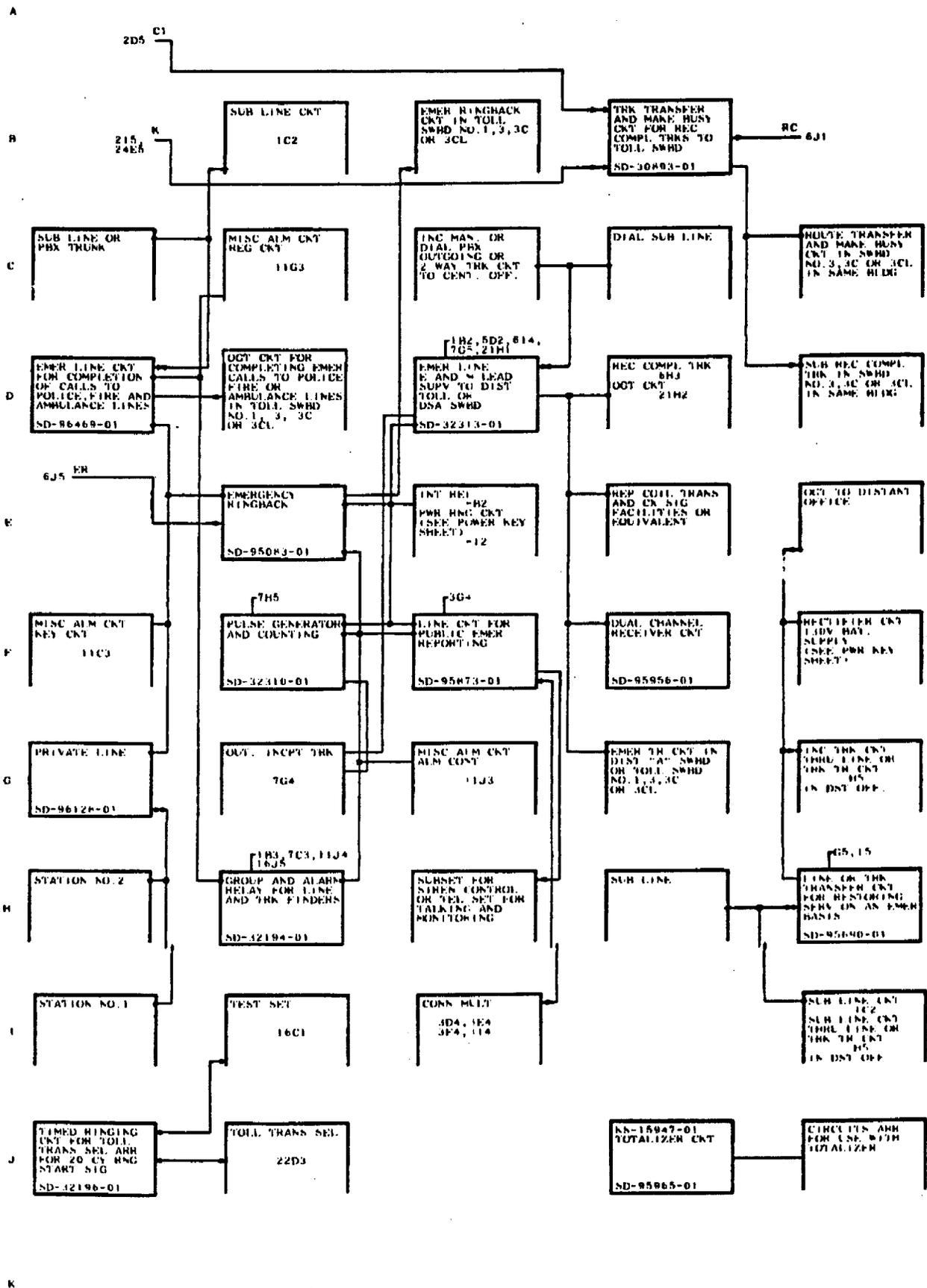
TYPE "B" EMERGENCY MANUAL CIRCUIT



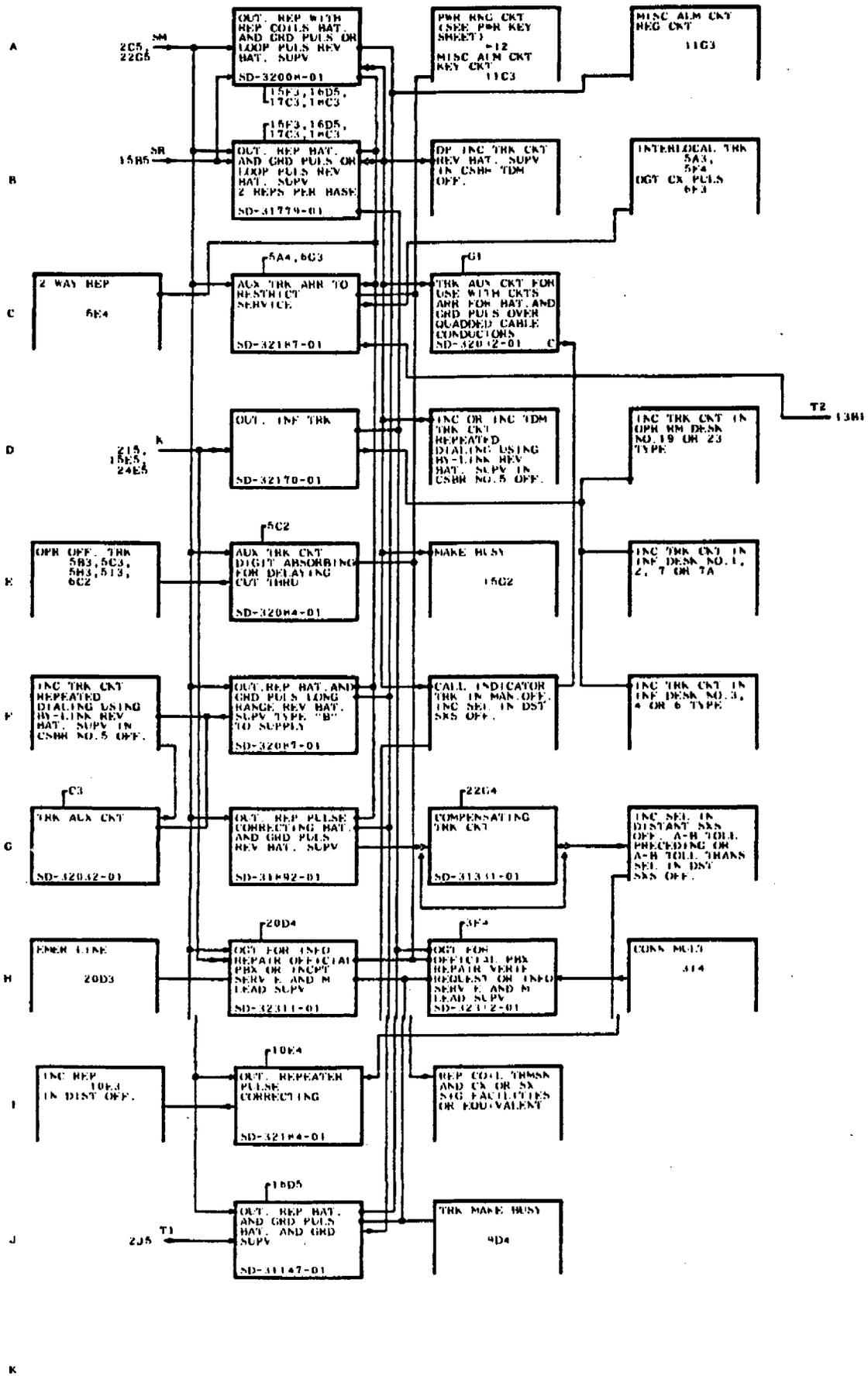
NOTES
 1. F1, A2, B2, D2, E2, F2, G2, H2, J2, D3, E3, F3, G3, J3, A4, H4, I4, J4, F5, 10J1

A
B
C
D
E
F
G
H
I
J
K

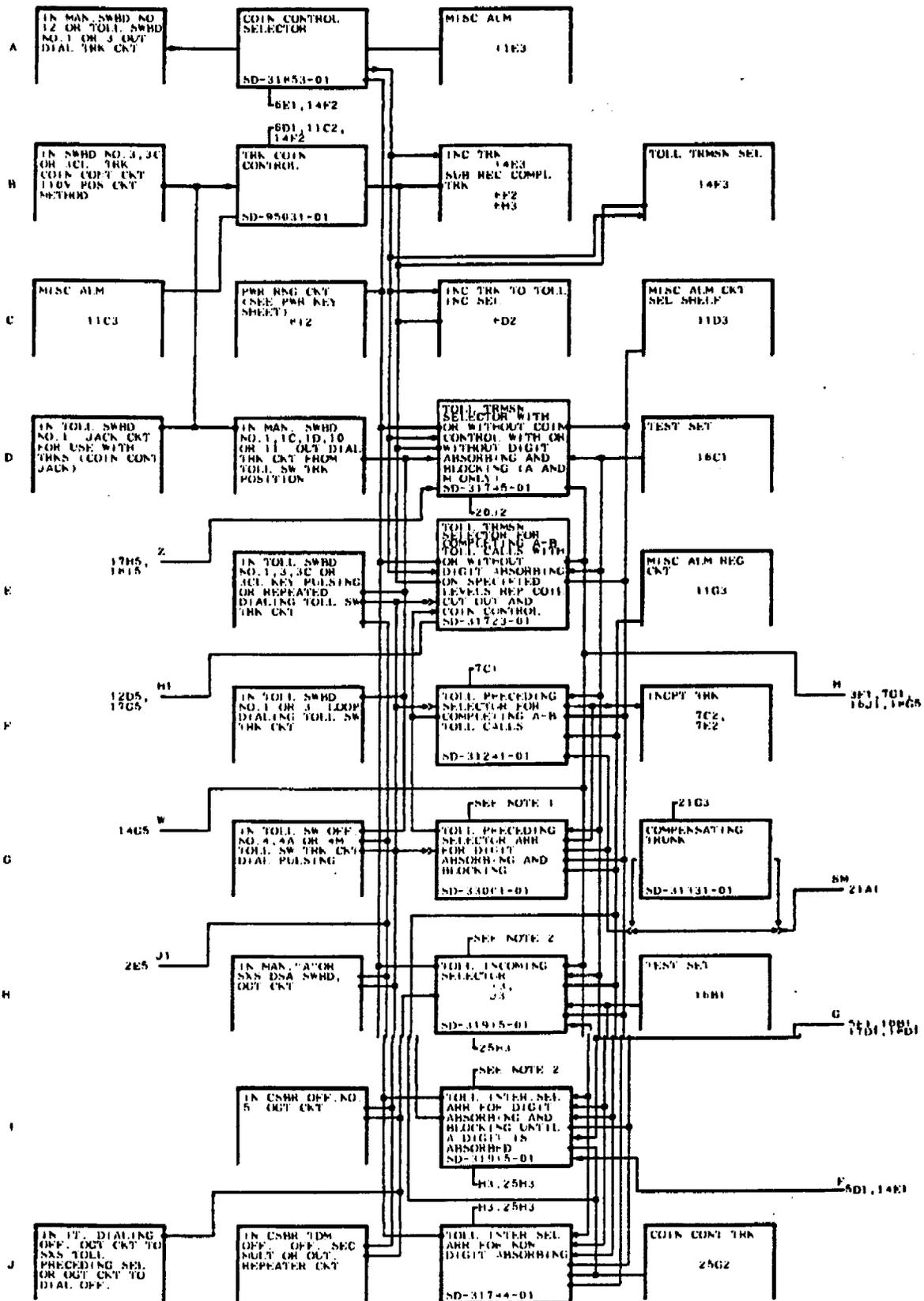




MISCELLANEOUS CIRCUITS



OUTGOING REPEATER AND TRUNK CIRCUITS

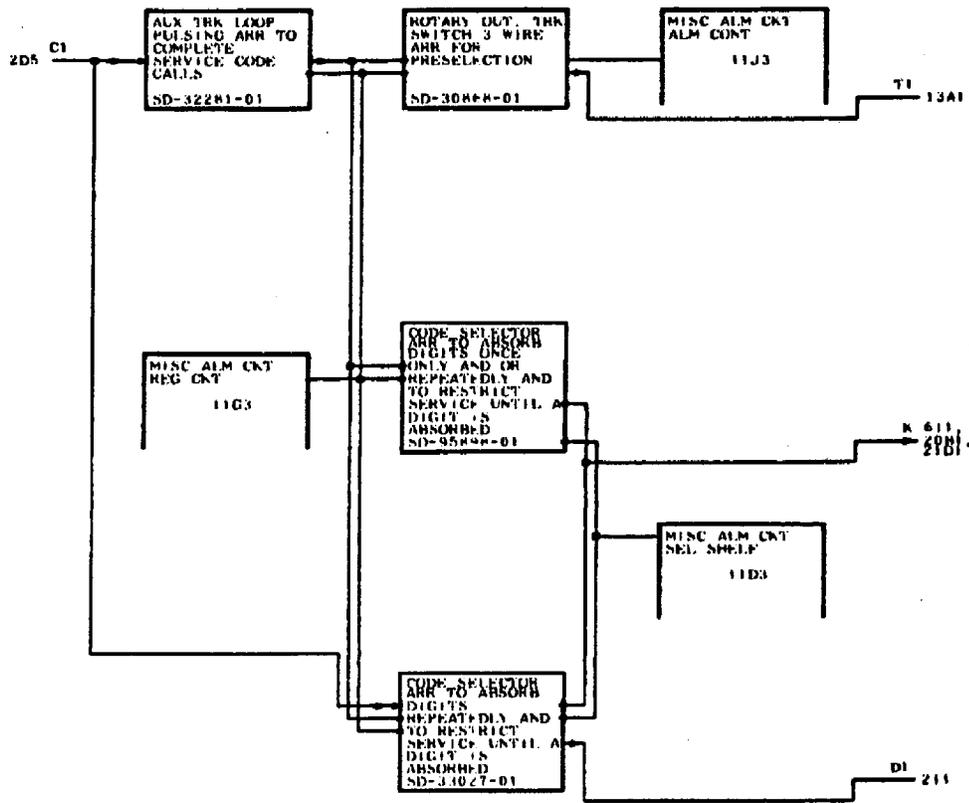


NOTES

1. SD-33001-01 (BLOCK G3) IS ARRANGED TO RETURN BUSY TONE AND FLASH ON SPECIFIED LEVELS.
2. PROVIDE SD-31915-01 (BLOCK 13 OR H3) INITIALLY FOR NON DIGIT ABSORBING ONLY WHEN CONVERSION TO DIGIT ABSORBING WILL ULTIMATELY BE REQUIRED.

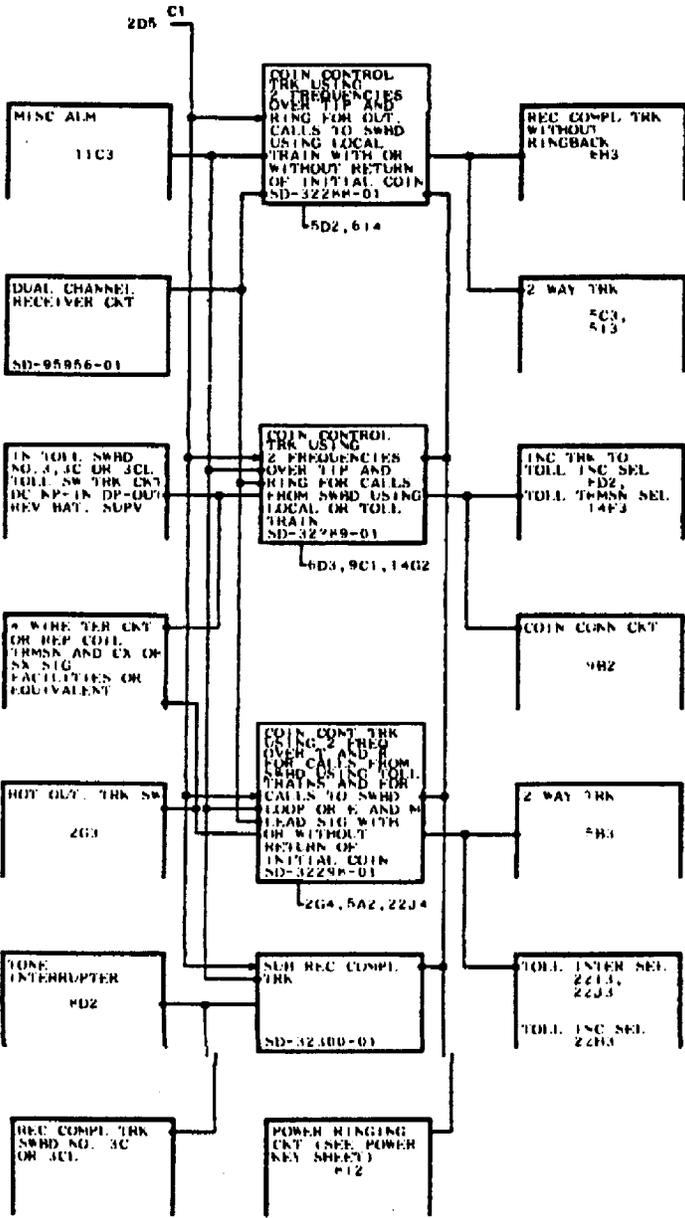
TOLL TRAIN CIRCUITS

A
B
C
D
E
F
G
H
I
J
K



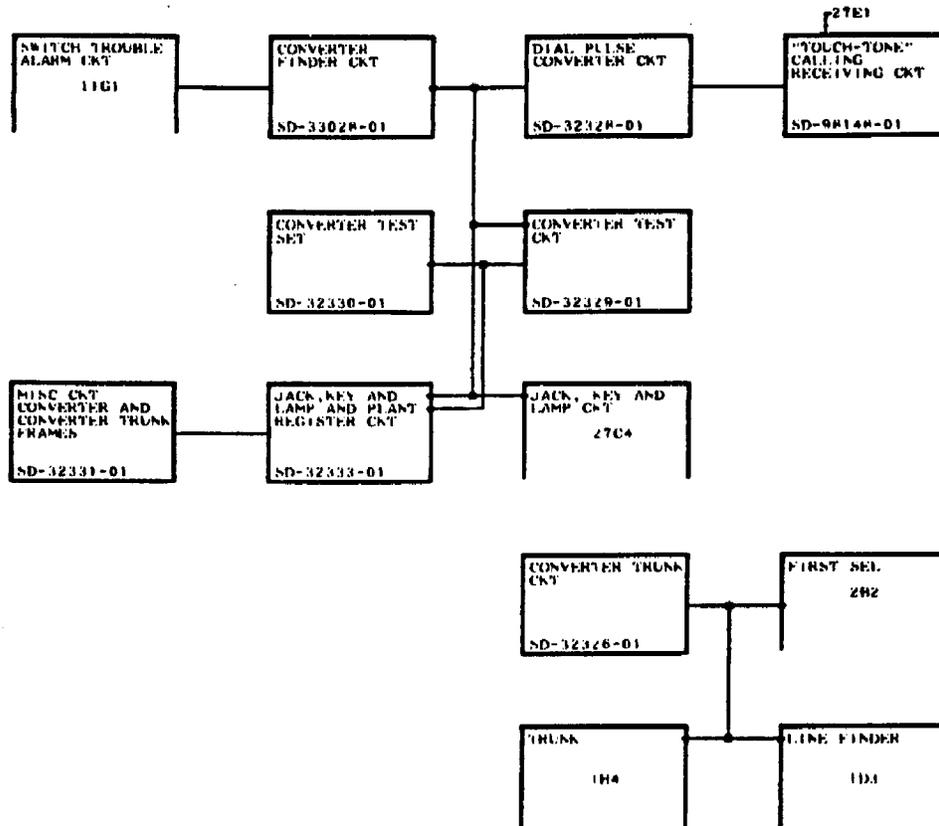
FULL SELECTOR ORIGINATING CIRCUITS

A
B
C
D
E
F
G
H
I
J
K



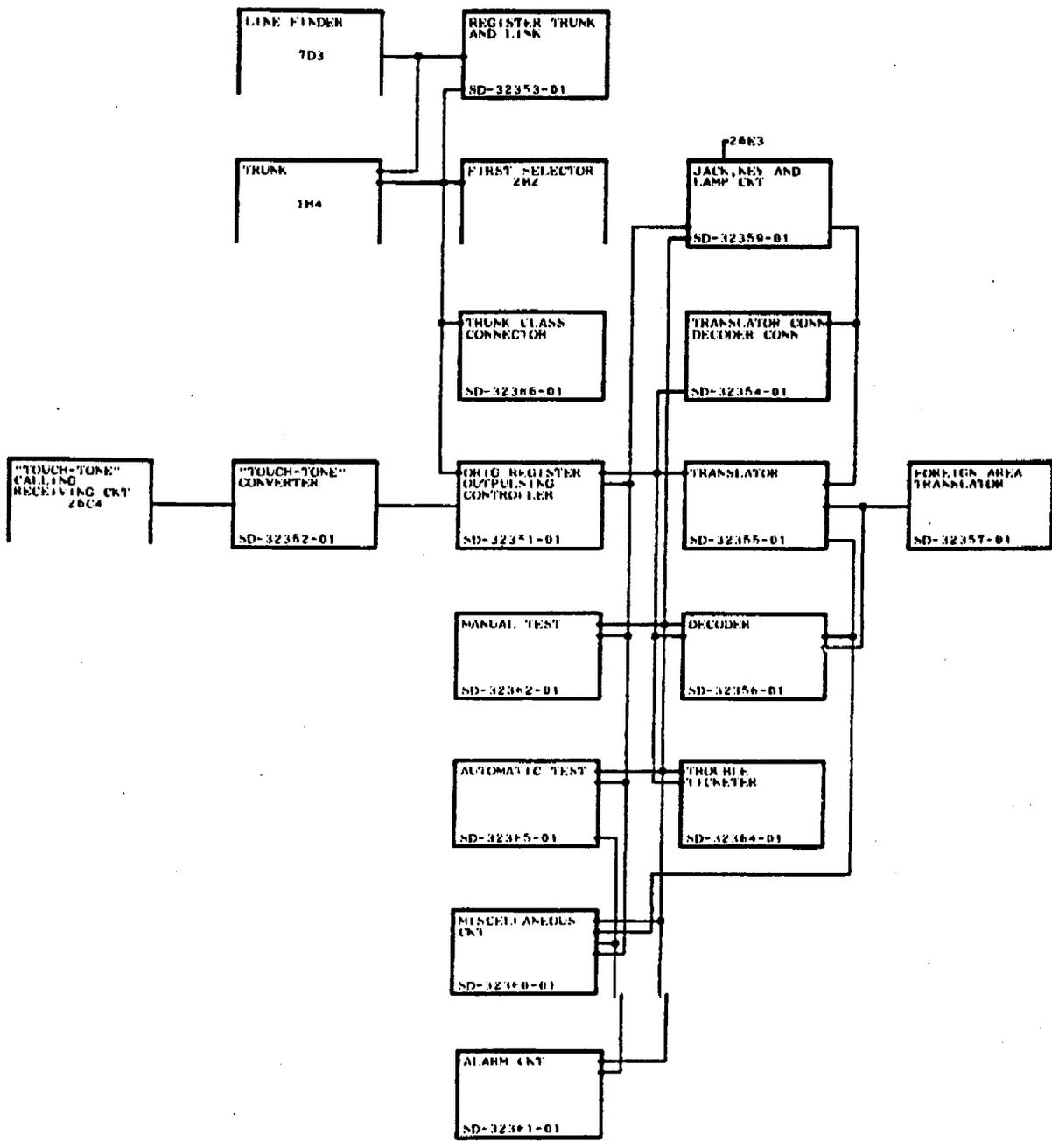
1 2 3 4 5
INC, OUT, AND 2 WAY TRUNK CIRCUITS

A
B
C
D
E
F
G
H
I
J
K



NON-COMMON CONTROL, "TOUCH-TONE" AND ASSOCIATED CIRCUITS

A
B
C
D
E
F
G
H
I
J
K



2 3 4 5
COMMON CONTROL, "TOUCH-TONE" AND ASSOCIATED CIRCUITS

TRK CKTS	LOCATION OF CKT ON KEY SHEET	DLY TIP & RING LEADS	TRK SIZE	GFR ANS	SUB DISC	KIND OF SUPPL	HAS RERING	HAS COIN CONTROL	HAS CLASS OF SERV TONES	SEE NOTE
REC COMPL	6F2	T	GFC	GRC	BAT	HIGH-LOW REV BAT	YES	YES	NO	2
		R	BAT	BAT	GRC					
	6H2	T				CX OR SX	NO	NO	NO	1/2
		R				CX OR SX	YES	YES/NO	YES	
6I2	T	GRD	GRD	BAT	HIGH-LOW REV BAT	YES	NO	YES	1	
	R	BAT	BAT	GRD						
SPECIAL SERV	6E2	T	BAT	LOW RES BRIDGE	HIGH RES BRIDGE	REV HIGH-LOW	YES	YES	NO	3
		R	GRC							
	6I2	T	BAT	LOW RES BRIDGE	HIGH RES BRIDGE	REV HIGH-LOW	YES	NO	NO	
		R	GRC							
FOR HOSPITAL, FIRE & POLICE SERV	6B2	T	LOW RES BRIDGE	LOW RES BRIDGE	HIGH RES BRIDGE	HIGH-LOW REV BAT				4
		R								
OPR OFF	6C2	T	BAT	BAT	GRD	HIGH-LOW REV BAT			YES	
		R	GRD	GRD	BAT					
2 WAY. OUT. AUTO. INC DIAL REPEATING	5C2	T	BAT	BAT	GRD	HIGH-LOW REV BAT			YES	1
		R	GRD	GRD	BAT					
2 WAY. OUT. AUTO. INC DIAL TRANSMITTING	5H2	T				CX OR SX			YES	1
		R								
2 WAY. OUT. AUTO. INC DIAL TRANSMITTING	5I2	T				CX OR SX			YES	1
		R								

NOTES:

- ONE OR 2 CLASSES OF SERVICE TONES ARE AVAILABLE TO DISTINGUISH BETWEEN SUCH AS POSTPAYMENT COIN AND NON-COIN (ONE CLASS) OR POSTPAYMENT COIN, AND EXTENDED AND RESTRICTED NON-COIN (2 CLASSES).
- A SEPARATE SINGLE TRK CONDUCTOR OR 2 CONDUCTORS CONNECTING TO COIN CONTROL SELECTOR IS REQUIRED FOR DISPOSAL OF COINS.
- THE DISPOSAL OF COINS IS CONTROLLED OVER THE TIP AND RING OF THE TRK BY THE OPERATION OF COIN KEYS IN THE ASSOCIATED CORD CKT.
- FREE SERVICE IS PROVIDED BY THIS TRK. CKT.

TRK CKTS. CKT DETAILS

SWITCH TRAINS FOR COMPLETING CALLS FROM OTHER OFFICES									
FACILITIES FOR COMPLETING CALLS	LOCATION OF TYPICAL CKTS IN SWITCH TRAIN ON KEY SHEET	INC TIP & RING LEADS	TRUNK NORMAL	KIND OF RING START SIGNAL	ANTG SUB. ANS	RECEIVER OFF HOOK	KIND OF SUPV	TRANSMITTER BATTERY SUPPLY TYPE	SEE NOTE
LOCAL TRAIN	INC REP 10E3 INC SEL 2C3 LOC CONN 3A1	T	GRD	NONE	GRD	BAT.	REV BAT.	B	5
		R	BAT.		BAT.	GRD			
A-B TOLL TRAIN	A-B TOLL TRANS SEL 22E3 TOLL INTERMEDIATE SEL 2213, 22J3 COMB. CONN 3D2	T	GRD	NONE	GRD	BAT.	REV BAT.	A	5
		R	BAT.		BAT.	GRD			
LOOP DIALING TOLL TRAIN (WET-DRY SUPERVISION)	TOLL TRANS SEL 22D3 TOLL INTERMEDIATE SEL 2213, 22J3 COMB. CONN 3D2	T	GRD	20 CYCLE	BAT.	DRY	WET-DRY	A	4.5
		R	BAT.		GRD	DRY			
LOOP DIALING TOLL TRAIN (REV BAT. SUPERVISION)	TOLL TRANS SEL 14F3 TOLL INTERMEDIATE SEL 2213, 22J3 COMB. CONN 3D2	T	GRD	SIMPLEX OR NONE	GRD	BAT.	REV BAT.	A	1, 4, 5
		R	BAT.		BAT.	GRD			
TEST TRAIN OR VERIFICATION TRAIN	TEST DISTRIBUTOR 4E2 TEST CONN 4D2	LINE T	GRD	NONE	GRD	GRD	NONE	NONE	3.5
		LINE R	BAT.		BAT.	BAT.			
		TEST T	DRY	NONE	DRY	DRY	BRIDGED	X	2
		TEST R	DRY		DRY	DRY			
OUTGOING REPEATER OR TRUNK CIRCUITS									
REP OR TRK CKT	LOCATION OF TYPICAL CKT ON KEY SHEET	OUT. TIP & RING LEADS			ANTG SUB. ANS FROM DST OFF.	RECEIVER OFF HOOK FROM DST OFF.	KIND OF SUPV		SEE NOTE
OUT. REP	21A2, 21P2, 21F2, 21C2	T			GRD	BAT.	REV BAT.		
		R			BAT.	GRD			

NOTES:

- THIS TOLL TRAIN MAY ALSO BE USED FOR AUTOMATIC START OF RINGING ON SEIZURE OF AN IDLE LINE UNDER WHICH CONDITION NO RINGING SIGNAL IS REQUIRED.
- RINGING OF THE SUBSCRIBER IS UNDER MANUAL CONTROL OF RINGING KEY BY TESTMAN ONLY. TRANSMITTER BATTERY IS FURNISHED FROM THE TEST DESK OR LOCAL TEST CABINET ONLY.
- WHEN THE CALLED LINE IS BUSY, THE TRUNK NORMAL POLARITY IS REVERSED AND THE TALKING CKT IS CLOSED. WHEN THE CALLED LINE IS IDLE, THE TALKING CKT IS CLOSED BUT THE TRK. NORMAL POLARITY IS NOT REVERSED.
- A SEPARATE SINGLE TRUNK CONDUCTOR CONNECTING TO TRUNK COIN CONTROL CKT (BLOCK 22B2) IS REQUIRED WHEN THE 110 V. POSITION CKT METHOD IS USED IN THE TOLL OFFICE FOR DISPOSAL OF COINS. OTHERWISE 2 TRUNK CONDUCTORS CONNECTING TO COIN CONTROL SELECTOR (BLOCK 22A2) IS REQUIRED FOR DISPOSAL OF COINS.
- PULSES INTO THE STEP-BY-STEP SWITCHES SHALL BE BETWEEN THE LIMITS OF 8-11 PULSES PER SECOND. THE INTERDIGITAL TIMING SHALL BE 0.6 SECOND BETWEEN DIGITS FOR TRUNK SELECTION AND A MINIMUM OF 0.4 SECOND FOR THE DIGITS PULSED INTO THE CONNECTOR.

TRUNK CIRCUITS, CIRCUIT DETAILS

GENERAL

THE TABLE ON THE PRECEDING PAGE SHOWS THE PRINCIPAL OPERATING FEATURES OF A STEP-BY-STEP OFFICE FROM THE VIEW-POINT OF INTEROFFICE OPERATION AND IS INTENDED PRIMARILY TO FACILITATE THE SELECTION OF OPTIONS IN THE CONNECTING CIRCUITS IN OTHER OFFICES. THESE FEATURES ARE LISTED BY TYPES OF CIRCUITS AND ARE STATED IN TERMS OF THE FUNCTIONAL NAMES OF CIRCUIT OPTIONS. THESE OPTIONS IN TURN INDICATE WHAT KINDS OF CIRCUITS ARE REQUIRED IN THE CONNECTING OFFICES AND WHAT OPTIONS ARE REQUIRED IN THESE CIRCUITS. HERETOFORE THIS INFORMATION WAS SHOWN ONLY ON THE CIRCUIT DRAWINGS AND CIRCUIT DESCRIPTIONS OF THE PARTICULAR CIRCUITS INVOLVED. THIS KIND OF INFORMATION WILL FACILITATE THE GENERAL UNDERSTANDING OF INTEROFFICE OPERATION. IT WILL BE PARTICULARLY USEFUL ON ENGINEERING NEW JOBS AND ADDITIONS WHICH CONNECT WITH STEP-BY-STEP BECAUSE IT ELIMINATES MUCH OF THE NEED OF EXAMINING DETAILS ON NUMEROUS CIRCUITS AND IN CIRCUIT DESCRIPTIONS.

LET IT BE ASSUMED, FOR EXAMPLE, THAT SD-55346-01, SWITCHBOARD NO. 3CL TOLL SWITCHING TRUNK CIRCUIT ARRANGED FOR REPEATED DIALING, IS USED TO COMPLETE CALLS TO SUBSCRIBERS IN THE STEP-BY-STEP OFFICE REQUIRING THE FOLLOWING FEATURES.

1. SIMPLEX START OF RINGING.
2. RERING OF THE CALLED LINE WITH RECEIVER OFF-HOOK.
3. COIN CONTROL WITH POSITIVE COIN BATTERY USED FOR COIN COLLECT.

REFERRING TO THE TABLE ON THE KEY SHEET, IT IS SHOWN THAT THE FOLLOWING FEATURES OR OPTIONS ARE FURNISHED BY THE TOLL TRANSMISSION SELECTOR CIRCUIT SD-31841-01 IN THE STEP-BY-STEP OFFICE.

1. GROUND ON TIP AND BATTERY ON RING WHEN TRUNK IS NORMAL.
2. SIMPLEX START OF RINGING OR NONE.
3. RERING OR NO RERING OF THE CALLED LINE WITH RECEIVER OFF-HOOK.
4. GROUND ON TIP AND BATTERY ON RING FOR AWAITING SUBSCRIBER ANSWER SIGNAL.
5. BATTERY ON TIP AND GROUND ON RING FOR RECEIVER OFF-HOOK.
6. REVERSE BATTERY SUPERVISION.
7. TYPE "A" TB SUPPLY.
8. NO COIN CONTROL OR COIN CONTROL OVER SEPARATE SINGLE TRUNK CONDUCTOR WHERE THE DISPOSAL OF COINS IS CONTROLLED WITHOUT DIALING OR OVER 2 CONDUCTORS WHERE DIALING OF 2 DIGITS INTO THE COIN CONTROL SELECTOR IS EMPLOYED.

REFERRING TO THE DRAWING TITLE AND FEATURE AND OPTION TABLE ON SD-55346-01 TOLL SWITCHING TRUNK CIRCUIT, IT IS SHOWN THAT:

1. NO OPTION IS FURNISHED FOR POLARITY OF T AND R LEADS WHEN CIRCUIT IS NORMAL SINCE THIS REQUIRED FEATURE IS NOT SHOWN IN THE FEATURE OR OPTION TABLE.
2. FIGURE E IS FURNISHED FOR SIMPLEX START OF RINGING AS COVERED IN THE FEATURE AND OPTION TABLE.
3. NO OPTION IS FURNISHED FOR RERING OF THE CALLED LINE WITH RECEIVER OFF-HOOK SINCE THIS REQUIRED FEATURE IS NOT SHOWN IN THE FEATURE AND OPTION TABLE.
4. NO OPTION IS FURNISHED FOR POLARITY OF T AND R LEADS FOR AWAITING SUBSCRIBER ANSWER SIGNAL SINCE THIS REQUIRED FEATURE IS NOT SHOWN IN THE FEATURE AND OPTION TABLE.
5. NO OPTION IS FURNISHED FOR POLARITY OF T AND R LEADS FOR RECEIVER OFF-HOOK SINCE THIS REQUIRED FEATURE IS NOT SHOWN IN THE FEATURE AND OPTION TABLE.

6. FIGURE C IS FURNISHED FOR REVERSE BATTERY SUPERVISION WITHOUT START DIAL SIGNAL OR FIGURE J IS FURNISHED FOR REVERSE BATTERY SUPERVISION WITH START DIAL SIGNAL, AS COVERED IN THE FEATURE AND OPTION TABLE.
7. NO OPTION IS FURNISHED FOR COIN CONTROL OVER SEPARATE SINGLE TRUNK CONDUCTOR AS THE DRAWING TITLE INDICATES THAT THE CIRCUIT IS ARRANGED FOR THIS FEATURE. THE USE OF POSITIVE COIN BATTERY FOR COIN COLLECT IS COVERED ON THE SWITCHBOARD NO. 3CL POSITION CIRCUIT SD-64738-01.