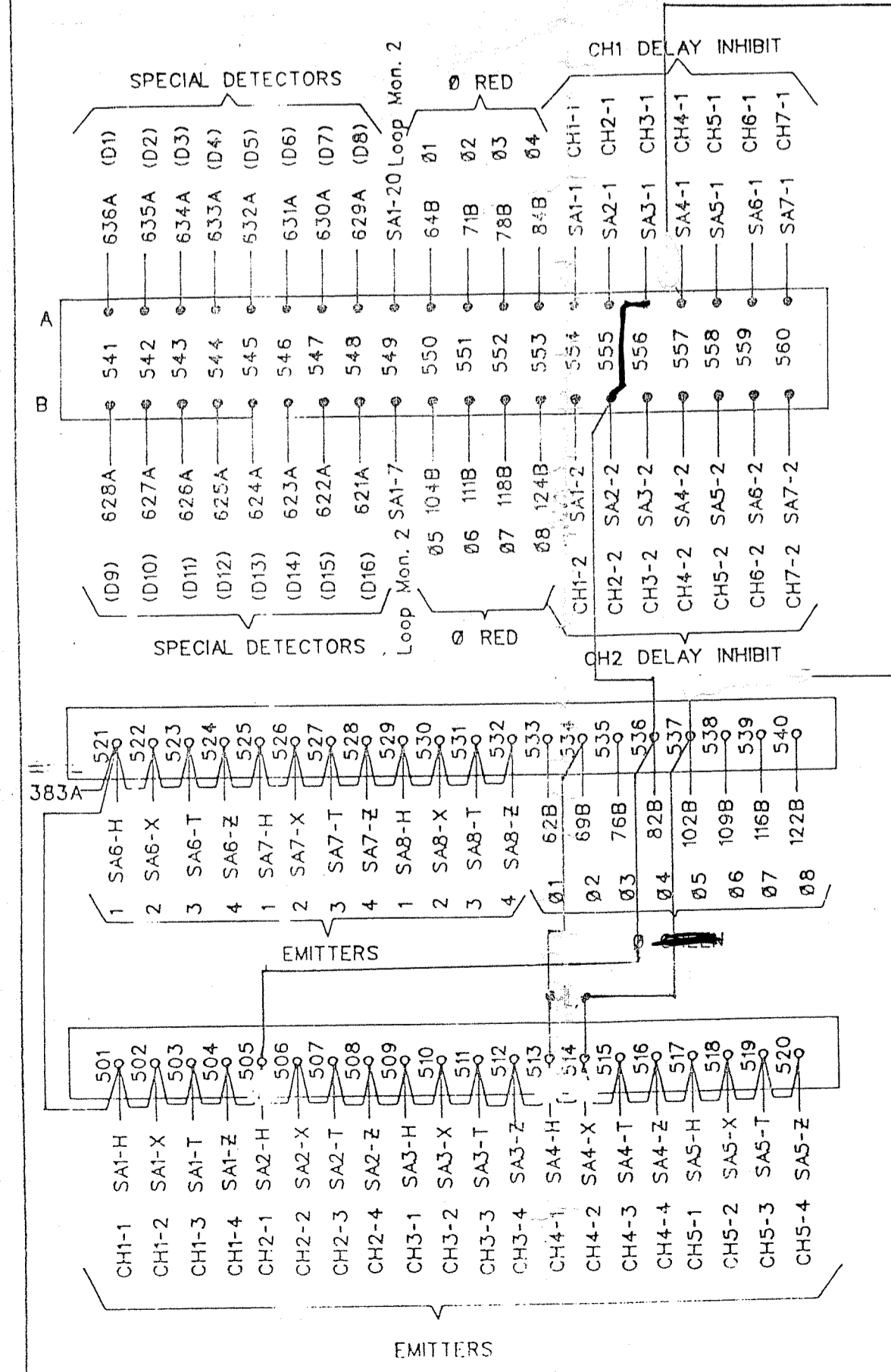
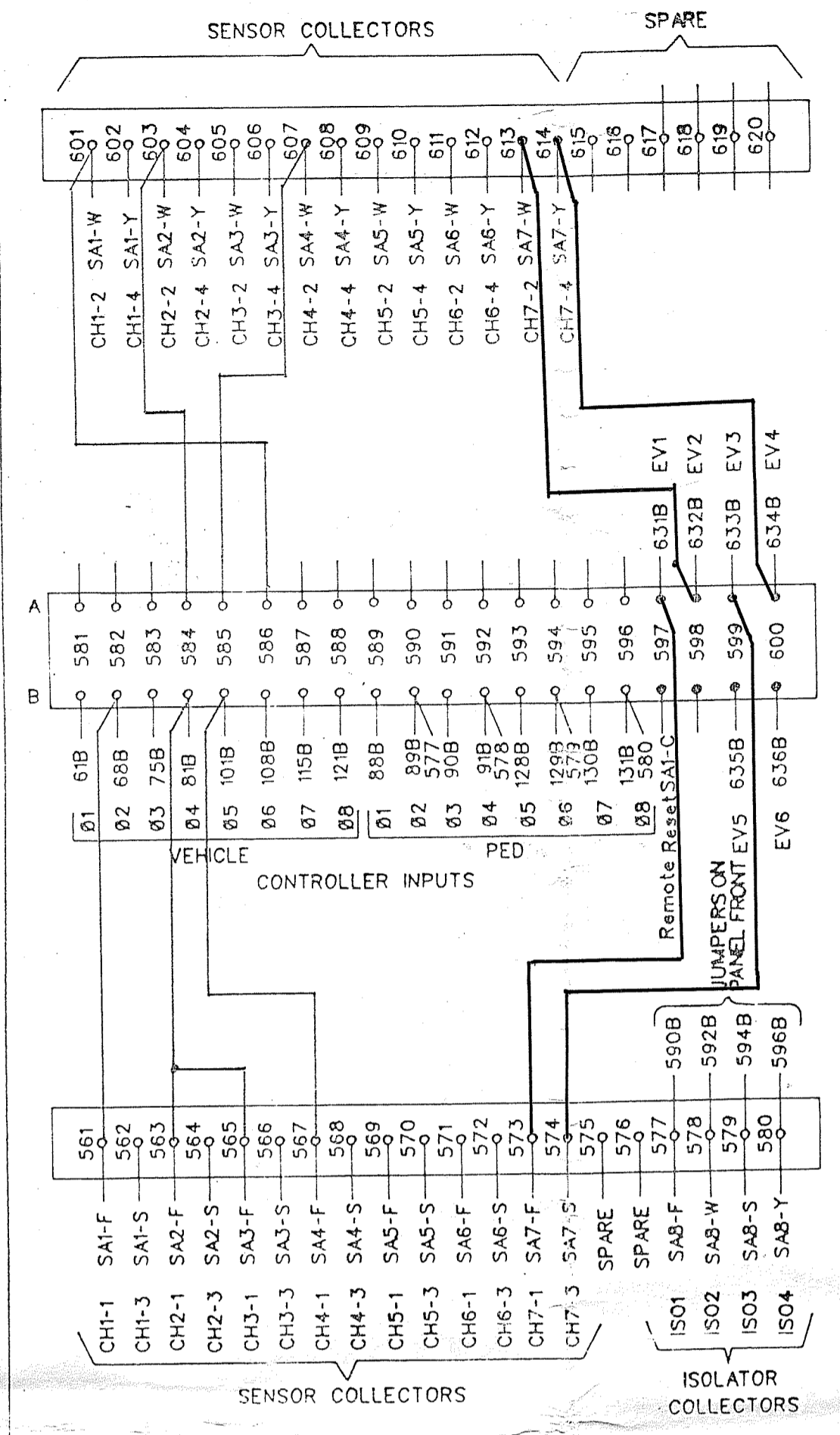
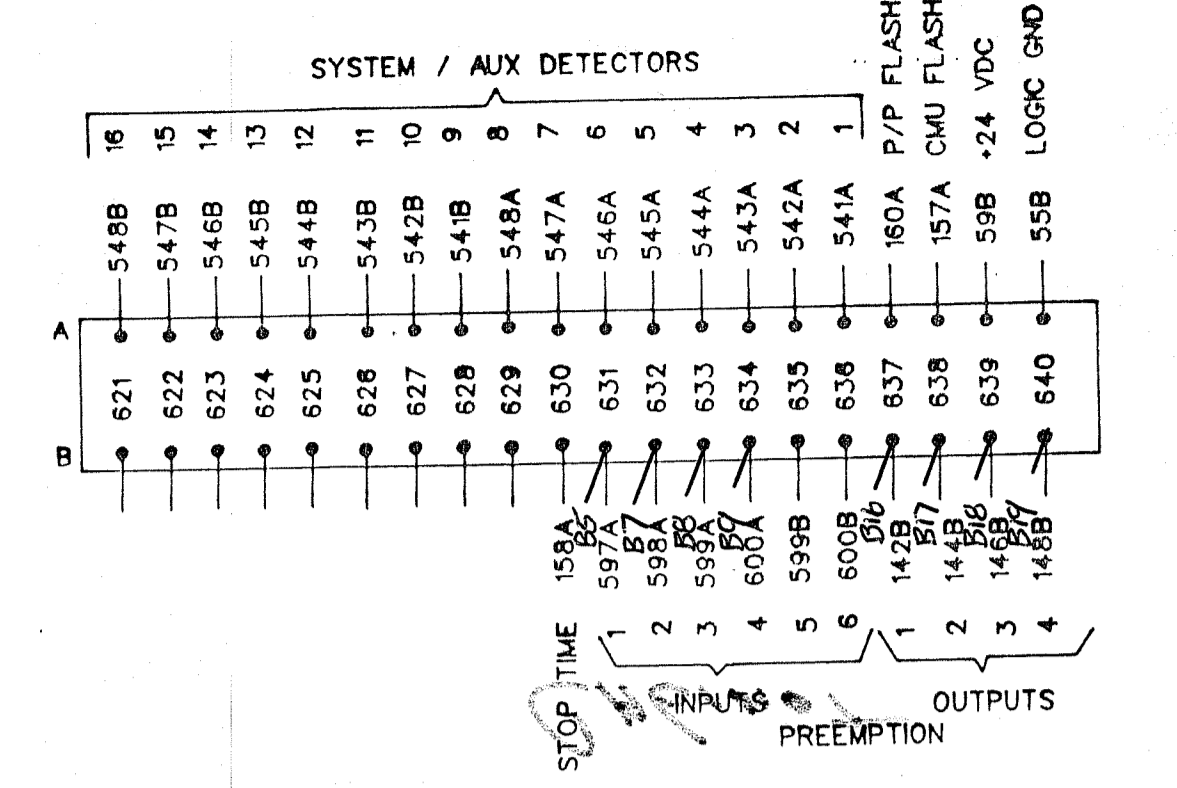


PIN	FUNCTION	TERM
1	PREEMPT #5 ACTIVE	
2	SYSTEM COMMAND OFFSET BIT 3 OUTPUT	
3	SPLIT DEMAND	
4	SYSTEM COMMAND COORD SYNC INPUT	
5	CROSS STREET SYNC	
6	SYSTEM COMMAND CYCLE BIT 3 INPUT	
7	NOT USED	
8	NIC SPECIAL FUNCTION 2	
9	SYSTEM COMMAND OFFSET BIT 2 INPUT/EXTERNAL ADDRESS BIT 4	
10	SYSTEM COMMAND OFFSET BIT 2 INPUT/EXTERNAL ADDRESS BIT 1	
11	NIC SPECIAL FUNCTION SPARE OUTPUT 2	
12	SYSTEM COMMAND OFFSET BIT 1 INPUT/EXTERNAL ADDRESS BIT 0	
13	EXPANDED DETECTOR #8	
14	TIME RESET	
15	PREEMPTOR FLASH CONTROL	
16	SYSTEM COMMAND OFFSET BIT 1 INPUT/EXTERNAL ADDRESS BIT 3	
17	EXPANDED DETECTOR #1	
18	EXPANDED DETECTOR #4	
19	TEST INPUT E	
20	TEST INPUT C	
21	SYSTEM COMMAND SPLIT BIT 1 OUTPUT	
22	PREEMPTOR #5 ACTIVE	
23	PREEMPTOR #1 ACTIVE	
24	NIC SPECIAL FUNCTION SPARE OUTPUT 1	
25	SYSTEM COMMAND CYCLE BIT 1 INPUT	
26	COORD FREE	
27	COORD STATUS	
28	NIC SPECIAL FUNCTION 1	
29	SYSTEM COMMAND CYCLE BIT 3 OUTPUT	
30	EXPANDED DETECTOR #5	
31	EXPANDED DETECTOR #9	
32	PREEMPTOR #2 ACTIVE	
33	SYSTEM COMMAND OFFSET BIT 1 OUTPUT	
34	PREEMPTOR #4 ACTIVE	
35	SYSTEM COMMAND CYCLE BIT 2 INPUT	
36	SYSTEM COMMAND OFFSET BIT 3 INPUT/EXTERNAL ADDRESS BIT 2	
37	TEST INPUT D	
38	DUAL COORD	
39	EXPANDED DETECTOR #6	
40	EXPANDED DETECTOR #7	
41	SPARE OUTPUT 1	
42	SYSTEM COMMAND OFFSET BIT 2 OUTPUT	
43	SYSTEM COMMAND CYCLE BIT 1 OUTPUT	
44	SYSTEM COMMAND CYCLE BIT 2 OUTPUT	
45	SPARE OUTPUT 5	
46	SYSTEM COMMAND SPLIT BIT 2 OUTPUT	
47	EXPANDED DETECTOR #2	
48	PREEMPTOR #6 ACTIVE	
49	PREEMPTOR CALL #2	
50	PREEMPTOR CALL #3	
51	SPARE OUTPUT 6	
52	SPARE OUTPUT 7	
53	SYSTEM COMMAND SYNC OUT	
54	SPARE OUTPUT 4	
55	PREEMPTOR CALL #4	
56	PREEMPTOR CALL #5	
57	NOT USED	
58	CMU STOP TIME (CONFLICT FLASH)	
59	PREEMPT CMU INTERLOCK (K PULL UP)	
60	REMOTE FLASH	

SENSOR PROGRAM PANEL



4th CONNECTOR TERMINATION BLOCK



ECBOL A 39912205

348A	1	AC+
347A	2	AC-
368A	3	CH GND
NC	4	
NC	5	
NC	6	
360A	7	DC+
359B	8	DC-
356A	9	CH GND

PS 24VDC POWER SUPPLY

SA

11- CALL During PHASE 2 Clearance only
12- EXTEND During PHASE 5 only

DETECTORS AND PPB ISOLATION

BACK HARNESS	SA-PIN	SA1		SA2		SA3		SA4		SA5		SA6		SA7		SA8		FUNCTIONS
		PHASE	FUNC	PHASE	FUNC	PHASE	FUNC	PHASE	FUNC	PHASE	FUNC	PHASE	FUNC	PHASE	FUNC	PHASE	FUNC	
CH 1	2	1	2-1	4	3	4	7	4-3	5	1	5-1							1-CALL EXTEND
CH 2	6	1	6-1	4	7	4-2			5	2	5-2							2-CALL ONLY
CH 3																		3-EXTEND ONLY
CH 4																		4-CALL ONLY DENS
MODEL		222		222T		222		222T										5-DLY CALL ONLY
A	DC GROUND																	6-DLY CALL ONLY
B	24V DC+																	7-DLY CALL
C	REMOTE RESET																	8-CARRY OVER
D-4	CH 1 LOOP	301A		313A		325A		337A		349A		361A		373A		311A		9-ADVISORY
E-5	CH 1 LOOP	302A		314A		326A		338A		350A		362A		374A		335B		10-SAMPLING
F	CH 1 OUTPUT (+)	561		563		565		567		569		571		573		577		11-SPECIAL
H	CH 1 OUTPUT (-)	501		505		509		513		517		521		525		529		-SEE NOTE-
J-8	CH 2 LOOP	304A		316A		328A		340A		352A		364A		376A		312A		
K-9	CH 2 LOOP	305A		317A		329A		341A		353A		365A		377A		347B		
L	CHASSIS GROUND																	
M	SPARE	NC		NC		NC		NC		NC		SA7/SA8		SA6/SA8		SA7/347A		
N	SPARE	NC		NC		NC		NC		NC		SA7/SA8		SA6/SA8		SA7/348A		
P-13	LOOP CH 3	306A		318A		330A		342A		354A		366A		378A		323A		
R-14	LOOP CH 3	307A		319A		331A		343A		355A		367A		379A		336B		
S	CH 3 OUTPUT (+)	562		564		566		568		570		572		574		579		
T	CH 3 OUTPUT (-)	503		507		511		515		519		523		527		531		
U-17	CH 4 LOOP	309A		321A		333A		345A		357A		369A		381A		324A		
V-18	CH 4 LOOP	310A		322A		334A		346A		358A		370A		382A		336A		
W	CH 2 OUTPUT (+)	601		603		605		607		609		611		613		617		
X	CH 2 OUTPUT (-)	502		506		510		514		518		522		526		530		
Y	CH 4 OUTPUT (+)	602		604		606		608		610		612		614		618		
Z	CH 4 OUTPUT (-)	504		508		512		516		520		524		528		532		
1	CH 1 GREEN	554A		555A		556A		557A		558A		559A		560A				
2	CH 2 GREEN	554B		555B		556B		557B		558B		559B		560B				
7	LOOP MONITOR 1	549B																
20	LOOP MONITOR 2	549A																

T.H. AT

ESU-

REV- Sheet No.3 of 3 Sheets