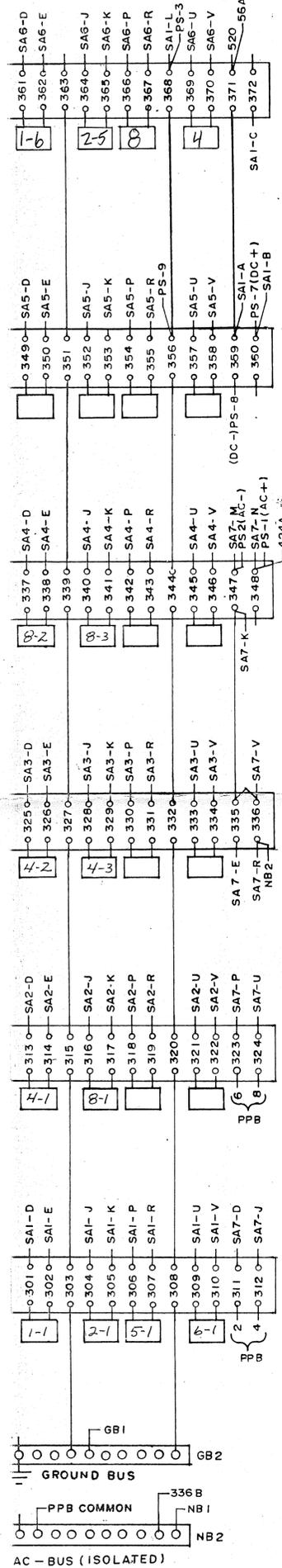
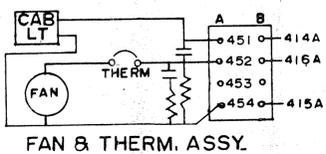
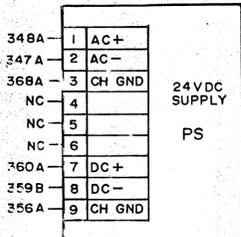
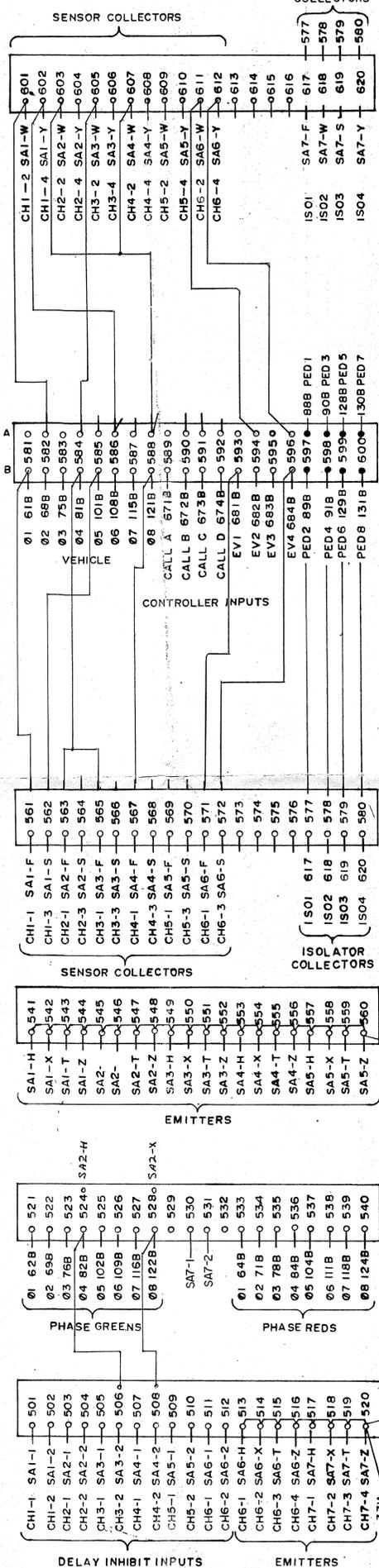




**SENSOR FIELD PANEL**



**SENSOR PROGRAM PANEL**



**DETECTOR RACK CARD EDGE HARNESS-TYPICAL**  
(ONE HARNESS FOR EACH FOUR CHANNEL POSITION)

CARD EDGE PIN	HARNESS PIN	COLOR CODE 22 GAUGE	FUNCTION
1	1	WHITE/RED	CHI TIMER INHIBIT
2	2	RED	CH2 TIMER INHIBIT
3	3	BROWN	CHI LOOP
4	4	WHITE/BROWN	CHI OUT (+)
5	5	WHITE/BLUE	CHI OUT (-)
6	6	BLUE	CH2 LOOP
7	7	BLACK/RED	CH2 LOOP
8	8	BLACK/WHITE	CH2 LOOP
9	9	ORANGE	CH3 LOOP
10	10	WHITE/ORANGE	CH3 LOOP
11	11	WHITE/GREY	CH3 OUT (+)
12	12	GREY	CH3 OUT (-)
13	13	YELLOW	CH4 LOOP
14	14	WHITE/YELLOW	CH4 LOOP
15	15	WHITE/VIOLET	CH4 OUT (+)
16	16	VIOLET	CH4 OUT (-)
17	17	WHITE/GREEN	CH4 OUT (+)
18	18	WHITE/BLACK	CH4 OUT (-)

THE FOLLOWING 20 GAUGE WIRES ARE SOLDERED TO TERMINALS ON THE BACK OF THE DETECTOR RACK

L	GREEN	EARTH GND
M-11	WHITE	AC NEUTRAL
N-12	BLACK	120 VAC +
A	RED	24VDC +
B	BLACK/YELLOW	24VDC -
C	BLACK/BLUE	RESET

- FUNCTIONS:**
- 1-CALL AND EXTEND
  - 2-CALL ONLY
  - 3-EXTEND ONLY
  - 4-CALL ONLY DENS
  - 5-DLY CALL ONLY
  - 6-DLY CALL ONLY DENSITY
  - 7-DLY CALL IMMED EXTEND
  - 8-CARRY OVER
  - 9-ADVISORY
  - 10-SAMPLING
  - 11-SPECIAL-SEE NOTE-

**DETECTORS AND PPB ISOLATION**

PIN	RACK HARNESS	SA1 SA2 SA3 SA4 SA5 SA6 SA7							PPB ISOLATION PHASE	MODEL				
		PHASE FUNC	DET	PHASE FUNC	DET	PHASE FUNC	DET	PHASE FUNC			DET	PHASE FUNC	DET	
A	DC GROUND											NC	SPARE	A
B	24V DC+											NC	SPARE	B
C	REMOTE RESET											NC	SPARE	C
3	D-4	CHI LOOP	301A	313A	325A	337A	349A	361A	311A	INPUT-CHI				D
4	E-5	CHI LOOP	302A	314A	326A	338A	350A	362A	335B	INPUT COMMON				E
5	F	CHI OUTPUT (+)	561	563	565	567	569	571	617	OUTPUT CHI (+)				F
6	H	CHI OUTPUT (-)	541	545	549	553	557	513	517	OUTPUT CHI (-)				H
7	J	CH2 LOOP	304A	316A	328A	340A	352A	364A	312A	INPUT CH 2				J
8	K-9	CH2 LOOP	305A	317A	329A	341A	353A	365A	347B	INPUT COMMON				K
L	M	CHASSIS GROUND	368A							CHASSIS GROUND				L
N	N	SPARE	NC	NC	NC	NC	SA6/SA5	SA5/SA7	347A	AC-				M
N	N	SPARE	NC	NC	NC	NC	SA6/SA5	SA5/SA7	348A	115V AC+				N
9	P-13	CH 3 LOOP	306A	318A	330A	342A	354A	366A	323A	INPUT CH 3				P
10	R-14	CH 3 LOOP	307A	319A	331A	343A	355A	367A	336B	INPUT COMMON				R
11	S	CH 3 OUTPUT (+)	562	564	566	568	570	572	619	OUTPUT CH 3 (+)				S
12	T	CH 3 OUTPUT (-)	543	547	551	555	559	515	519	OUTPUT CH 3 (-)				T
13	U-17	CH 4 LOOP	309A	321A	333A	345A	357A	369A	324A	INPUT CH 4				U
14	V-18	CH 4 LOOP	310A	322A	334A	346A	358A	370A	336A	INPUT COMMON				V
15	W	CH2 OUTPUT (+)	601	603	605	607	609	611	618	OUTPUT CH 2 (+)				W
16	X	CH2 OUTPUT (-)	542	546	550	554	558	514	518	OUTPUT CH 2 (-)				X
17	Y	CH4 OUTPUT (+)	602	604	606	608	610	612	620	OUTPUT CH4 (+)				Y
18	Z	CH4 OUTPUT (-)	544	548	552	556	560	516	520	OUTPUT CH4 (-)				Z
1	I	CH1 GREEN	501	503	505	507	509	511	530	NOT USED				I
2	2	CH2 GREEN	502	504	506	508	510	512	531	NOT USED				2
3	3	CH3 GREEN								SPARE				3
10	10	CH4 GREEN								SPARE				10

