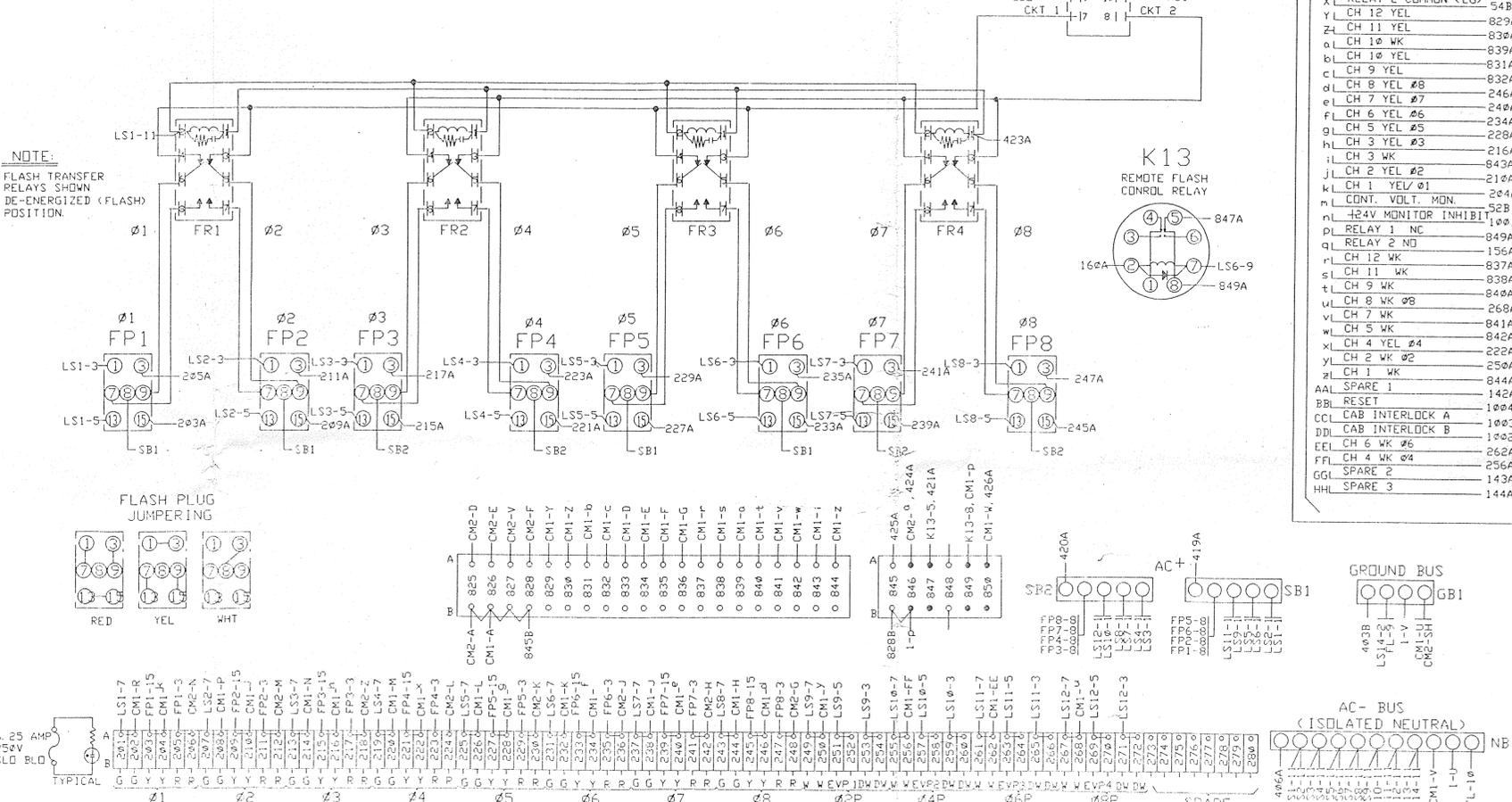


LS	CONT	PLAN	LOAD SWITCH PANEL ASSEMBLY													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14
GREEN / WALK	10	62A	69A	76A	82A	102A	109A	116A	122A	72A	85A	112A	125A			
YELLOW/PED CLR	8	63A	70A	77A	83A	103A	110A	117A	123A	142B	144B	146B	148B			
RED/DON'T WALK	6	64A	71A	78A	84A	104A	111A	118A	124A	73A	86A	113A	126A			
GREEN / WALK	7	201A	207A	213A	219A	225A	231A	237A	243A	249A	255A	261A	267A			
YELLOW	5	FP1-13	FP2-13	FP3-13	FP4-13	FP5-13	FP6-13	FP7-13	FP8-13	251A	257A	263A	269A			
RED/DON'T WALK	3	FP1-1	FP2-1	FP3-1	FP4-1	FP5-1	FP6-1	FP7-1	FP8-1	253A	259A	265A	271A			
+24 VDC	9	<					K13-7									
CHASSIS GROUND	2	<													>GB1	
AC NEUTRAL	11	NB1	NB1	NB1	NB1	NB1	NB1	NB1	NB1	NB1	NB1	NB1	NB1	NB1	NB1	
115 VAC	1	SB1	SB1	SB2	SB2	SB1	SB1	SB2	SB2	SB1	SB2	SB1	SB2	SB1	SB2	



TIGHTENING TORQUE SPECIFICATIONS

SCREW SIZE	6-32	8-32	10-32
POUND INCHES	12	16	25
BLOCK TYPE	SAK56	PK6-10	SAK227
POUND INCHES	14.5	16	35
BLOCK TYPE	ZF35	ZE14	
POUND INCHES	35	5	17.75

VEHICLE SIGNALS

SIGNAL	TERMINAL	TERMINAL	TERMINAL
1-1	201	203	205
1-2	202	204	206
2-1		207	209
2-2		208	210
4-1		219	221
4-2		220	222
4-3		219	221
5-1	225	227	229
5-2	226	228	230
6-1		231	233
6-2		232	234
8-1		243	245
8-2		244	246
8-3		223	245

VEH DETECTORS

DET	TERMINAL	TERMINAL
D1-1	303	304
D1-2	306	307
D2-1	345	346
D4-1	318	314
D4-2	355	356
D4-3	358	359
D5-1	308	309
D5-2	311	312
D6-1	348	349
D8-1	323	324
D8-2	326	327
D8-3	365	366
D8-5	368	369
D8-4	370	371

PED SIGNALS

SIGNAL	TERMINAL	TERMINAL
P2-1	249	253
P2-2	250	254
P4-1	255	259
P4-2	256	260
P6-1	261	265
P6-2	262	266
P8-1	267	271
P8-2	268	272

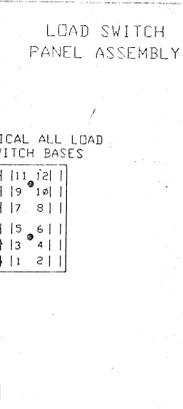
PED PUSHBUTTONS

FPB	TERMINAL	TERMINAL
PB2-1,2	301	
PB4-1,2	302	
PB6-1,2	303	
PB8-1,2	304	

NOTES: 1) IF EVP HEADS ARE INSTALLED JUMPER 357B TO 269B AND / OR 358B TO 337B

EVP CONFIRMATORY LIGHTS

CHAN	PHASES	POLE #	TERM
1	6-1	2	251
2	2-5	4	257
3	4	1	263
4	8	3	269



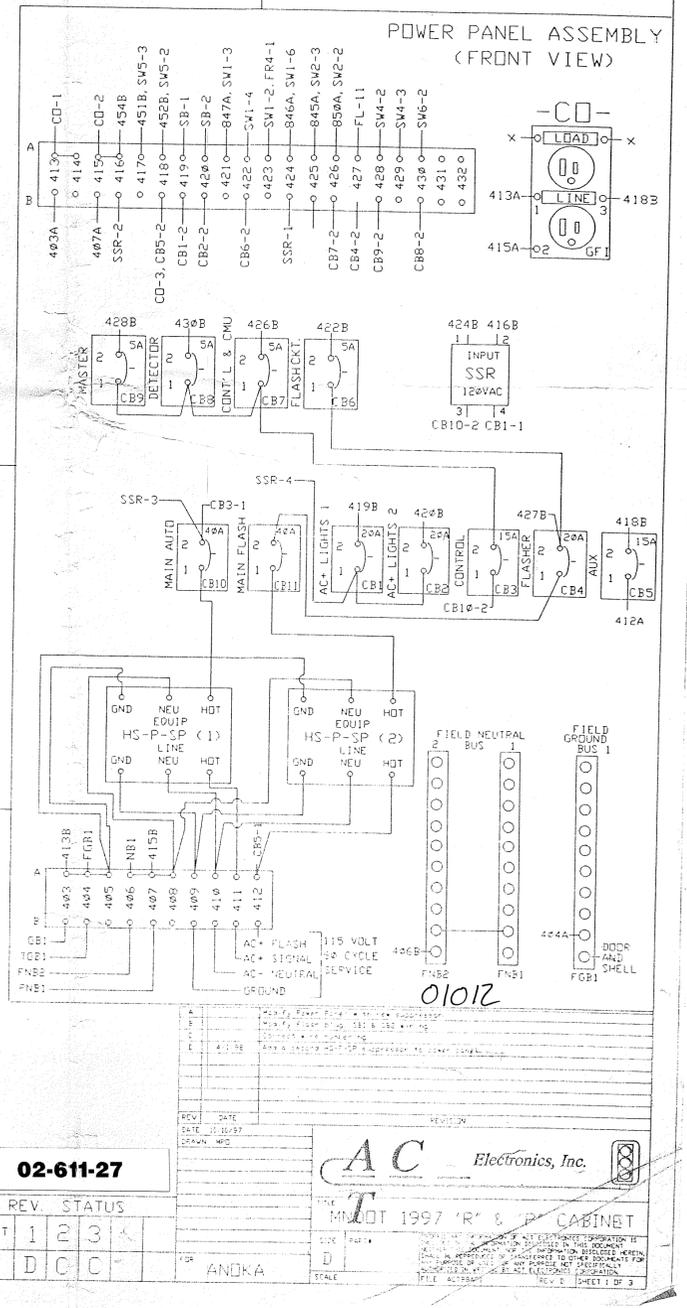
NEMA #2CH CONFLICT MONITOR

CM1	CM2
SHL SHELL GROUND	GB1
AL AC+I	826B
BL RELAY 1 NO	148A
CL RELAY 2 NC	141A
DL CH 12 GRN	833A
EL CH 11 GRN	834A
FL CH 10 GRN	835A
GL CH 9 GRN	836A
HL CH 8 GRN #8	244A
JL CH 7 GRN #7	244A
KL CH 6 GRN #6	239A
LL CH 5 GRN #5	239A
ML CH 4 GRN #4	226A
NL CH 3 GRN #3	226A
PL CH 2 GRN #2	214A
RL CH 1 GRN #1	208A
S -24V MONITOR I	202A
T LOGIC GROUND	59B
U CHASSIS GROUND	53B
V AC-(NEUTRAL)	SHELL
W RELAY 1 COMMON (A#)	NB1
X RELAY 2 COMMON (L#)	850A
YL CH 12 YEL	54B
ZL CH 11 YEL	829A
al CH 10 WK	830A
bl CH 10 YEL	839A
cl CH 9 YEL	831A
dl CH 8 YEL #8	832A
el CH 7 YEL #7	246A
fl CH 6 YEL #6	246A
gl CH 5 YEL #5	234A
hl CH 3 YEL #3	228A
il CH 3 WK	216A
jl CH 2 YEL #2	843A
kl CH 1 YEL #1	210A
k CONT. VOLT. MON.	204A
n -24V MONITOR INHIBIT	52B
p RELAY 1 NC	849A
q RELAY 2 NO	156A
r CH 12 WK	837A
s CH 11 WK	838A
t CH 9 WK	840A
u CH 8 WK #8	268A
v CH 7 WK	841A
w CH 5 WK	842A
x CH 4 YEL #4	222A
yl CH 2 WK #2	250A
zl CH 1 WK	844A
AA SPARE 1	142A
BB RESET	1004B
CC CAB INTERLOCK A	1003B
DD CAB INTERLOCK B	1002B
EEL CH 6 WK #6	262A
FF CH 4 WK #4	256A
GG SPARE 2	143A
HH SPARE 3	144A

CONFLICT MONITOR MATRIX PROGRAMMING INSTRUCTIONS

1-2	2-3	3-4	4-5	5-6	6-7	7-8	8-9	9-10	10-11	11-12
1-3	2-4	3-5	4-6	5-7	6-8	7-9	8-10	9-11	10-12	
1-4	2-5	3-6	4-7	5-8	6-9	7-10	8-11	9-12		
1-5	2-6	3-7	4-8	5-9	6-10	7-11	8-12			
1-6	2-7	3-8	4-9	5-10	6-11	7-12				
1-7	2-8	3-9	4-10	5-11	6-12					
1-8	2-9	3-10	4-11	5-12						
1-9	2-10	3-11	4-12							
1-10	2-11	3-12								
1-11	2-12									
1-12										

CHANNEL # COMBINATIONS NOT PINNED WITH MATRIX JUMPERS CONSTITUTE CONFLICTING MOVEMENTS. TO PROGRAM, CIRCLE PERMISSIVE COMBINATIONS AND INSTALL JUMPERS ON CORRESPONDING PINS ON THE PROGRAM CARD.



02-611-27

REV. STATUS

SHEET	1	2	3
REV	D	C	C

AC Electronics, Inc.

MMDOT 1997 'R' & 'P' CABINET

SCALE

11/NORTHDALE AT XEON

