

For proper operation of the elevator, whether trying to run on inspection or automatic, the following inputs must be energized in the correct sequence.

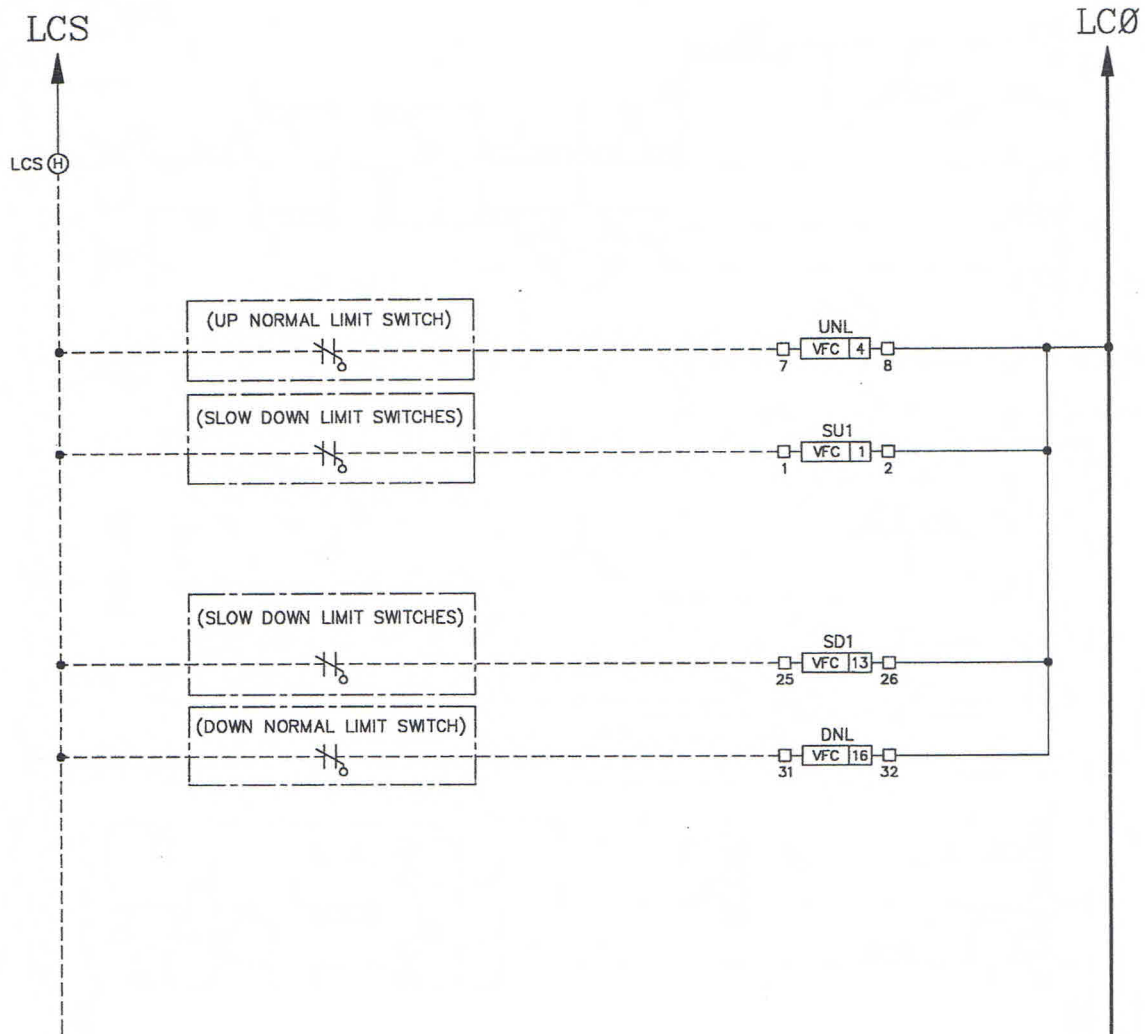
1. If the car is not at a terminal landing All slowdown limit inputs must be high .SDI,SD2 SDx,SUI,SU2 SUX x=max number of limits.(Refer to drawing 050)
2. All safety inputs must be high all the time. GV, HS, Cs and ICS inputs. (Refer to drawing 060 car toc and access)
3. Gates and Locks (GL1) input must be high when the doors are fully closed.(Refer to drawing 060 car toc and access)
4. The (RDY) input must be high in order to initiate an SM from the spu.(Refer to drawing 060 car toc and access)
5. The Overload Fault (OLF) input must be high all the time. The OLF input is controlled by GPI I.(Refer to drawing 070 Drive Logic Interface)
6. The DRVS On Off Switch (DRVS) input must be high all the times.(Refer to drawing 070 Drive Logic Interface)
7. The SCR Fault trip(trip) input must be high all the time. The trip input is confirmed by CEN relay is up. FLT ouput is high, EMST is high, EMSD input is high.(Refer to drawing 080)
8. The Normal Power (NP) input must be high all the times. Refer to the Emergency Power(Refer to drawing 200.)
9. The 5CR On Off Switch (SCRS) input must be high all the times.

Car diagnostic display shows typical static inputs needed to initiate a start sequence. The top slow down limits are not high because the car is at the top landing.

Car Diagnostic Display

NTS				Elevator 1				Date: 10/23/01 Time: 08:23:12a			
VFC	Com	Flt	MRC	Com	Flt	TOCC	Com	Flt	GPI	Com	Flt
1 SUI	13 SD1		1 HFON	13 NP		1 HS	13 DOL		1 LBP	13	
2	14 CG		2 HFBP	14 EPA		2 CS	14 DCL		2 DL	14	
3	15 EPL		3 FR	15 EPX		3 ICS	15 DL6		3 INB	15	
4	16		4 FAL	16 BKM		4 ICI	16 NR		4 CGL	16	
5 ETSU	17 ETSU		5 BLS	17 LVE		5 FBP	17 DORL		5 MACC	17	
6 BK	18 FLT		6 DZ	18 ICA		6 DZ	18 DCRL		6	18	
7 GL1	19 MCC		7 DRVS	19 LVEI		7 DFE	19		7	19	
8 DRV	20 DPP2		8 SM	20 BKC		8	20		8	20	
9 MC	21 DPP1		9 GV	21 SMC		9 TCI	21		9	21	
10 AU	22 PT		10 GL	22 RDY		10 DET	22		10	22	
11 TIU	23 PTU		11 ACB	23 ACU		11	23		11 UNL	23	
12 TID	24 PTD		12 ACT	24 ACD		12	24		12 DNL	24	

Start	CC SLDN	AUTOMATIC	COP CC1	Com	Flt	INIT
Run	UC SLDN	POS 5 9	1 ICI	13 ICO		VFC 0 Fpn
Next Up	DC SLDN	SR VEL DIF	2 2CI	14 2CO		SLF ISF GLF
DO Seq	ZN SLDN	VEL 0 0 0	3 7CI	15 7CO		TLF DDF ESF
U+		DPC FPC	4 8CI	16 8CO		DigitMode: 0
UH+	REV SLD	POS 4226 4227 454	5 9CI	17 9CO		Run Time: 10.41
FLU	CC PLT	FPM DPP ERRORS	6	18		GROUP Normal
EM ST	UC PLT	GL 75 4199 135 1	7	19		DRU Rdy
EM SD	DC PLT	LZ 83 4193 93 1	8	20		COM Flt
GPI1-OLF		MZ 75 4196 135 3	9	21		
GPI2		FZ 30 4216 135 2	10	22		
GP01		BK 0 V 0 A	11	23		
GP02		COM Fr	12	24		



HOISTWAY TERMINAL LIMITS WITH SHAFT LIMITS

DRAWING NUM

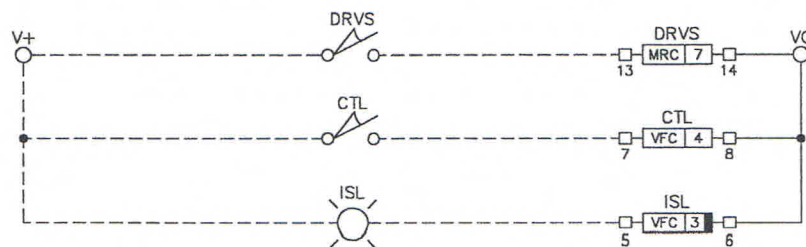
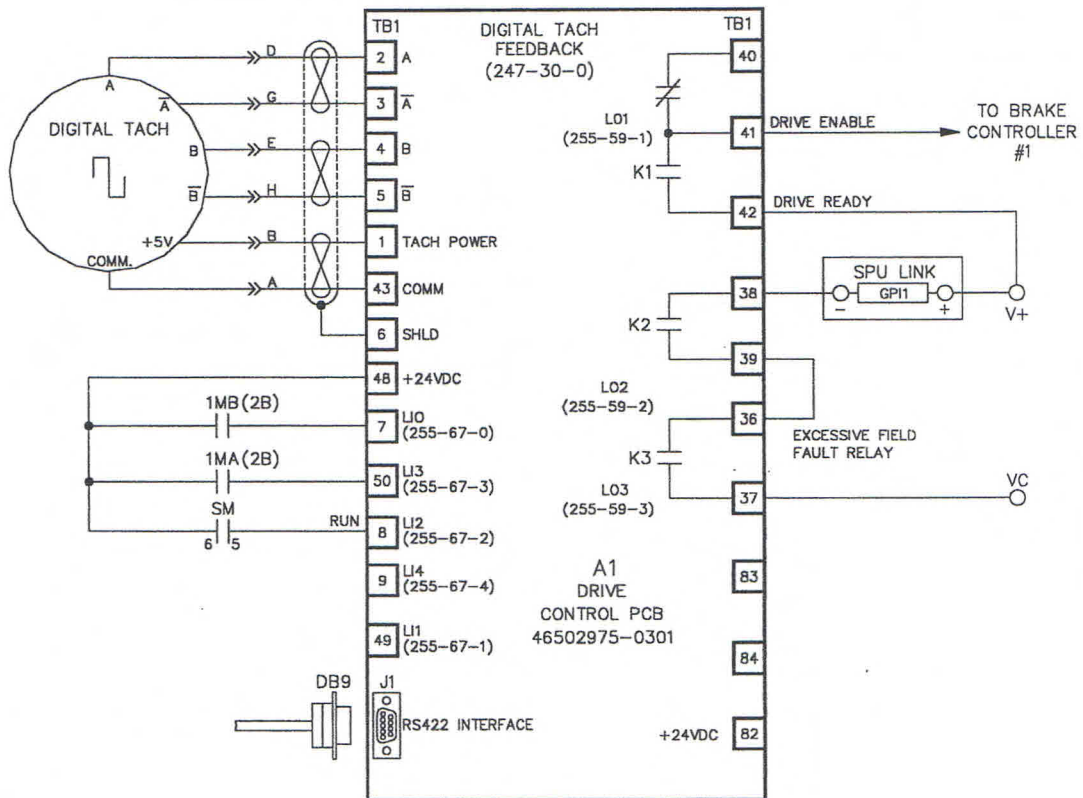
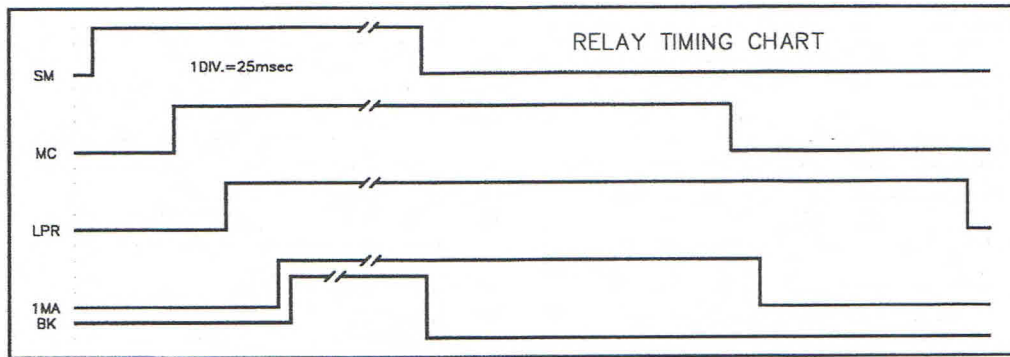
050

COMPUTERIZED ELEVATOR CONTROL CORP.
636 11TH AVENUE NEW YORK, NEW YORK 10036 TEL. (212) 397-0608

JOB NAME/LOC.: EMBASSY SQUARE SUITES WA, DC (AMTECH)	DATE: 04/12/96	CEC JOB NO. 2989	CAR NO. 1 THRU 4
DRAWN BY: NF	DWG. NO. 050HTL	REV. 6-9-94	

04/12/96 08:38 E:\JOBS\2989\050HTL.DWG





DSD412

DRIVE LOGIC INTERFACE

DRAWING NUM

070

COMPUTERIZED ELEVATOR CONTROL CORP.

636 11TH AVENUE NEW YORK, NEW YORK 10036 TEL. (212) 397-0605

JOB NAME/LOC.: EMBASSY SQUARE SUITES WA, DC (AMTECH)

DATE: 04/12/96

CEC JOB NO. 2989

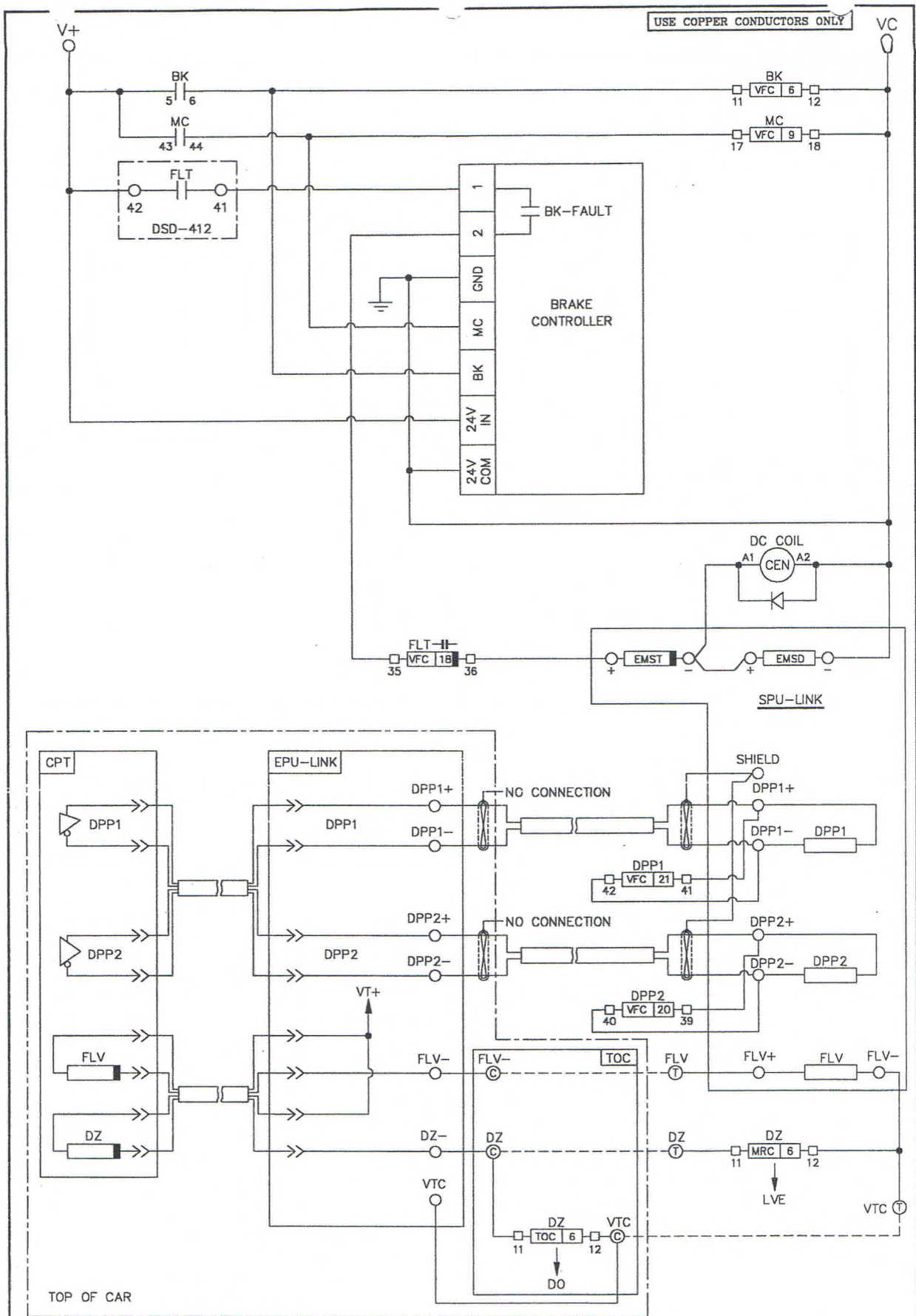
CAR NO. 1 THRU 4

DRAWN BY: NF

DWG. NO. 070DRVLG

REV. 3-21-95

04/16/96 15:34 E:\JOBS\2989\070DRVLG.DWG



DSD412 MICRO CONTROLLER SYSTEM INTERFACE (WITH TOC BOX)

DRAWING NUM
080

COMPUTERIZED ELEVATOR CONTROL CORP.

636 11TH AVENUE NEW YORK, NEW YORK 10036 TEL. (212) 397-0606

JOB NAME/LOC.: EMBASSY SQUARE SUITES WA, DC (AMTECH)

DATE: 04/12/96

CEC JOB NO. 2989

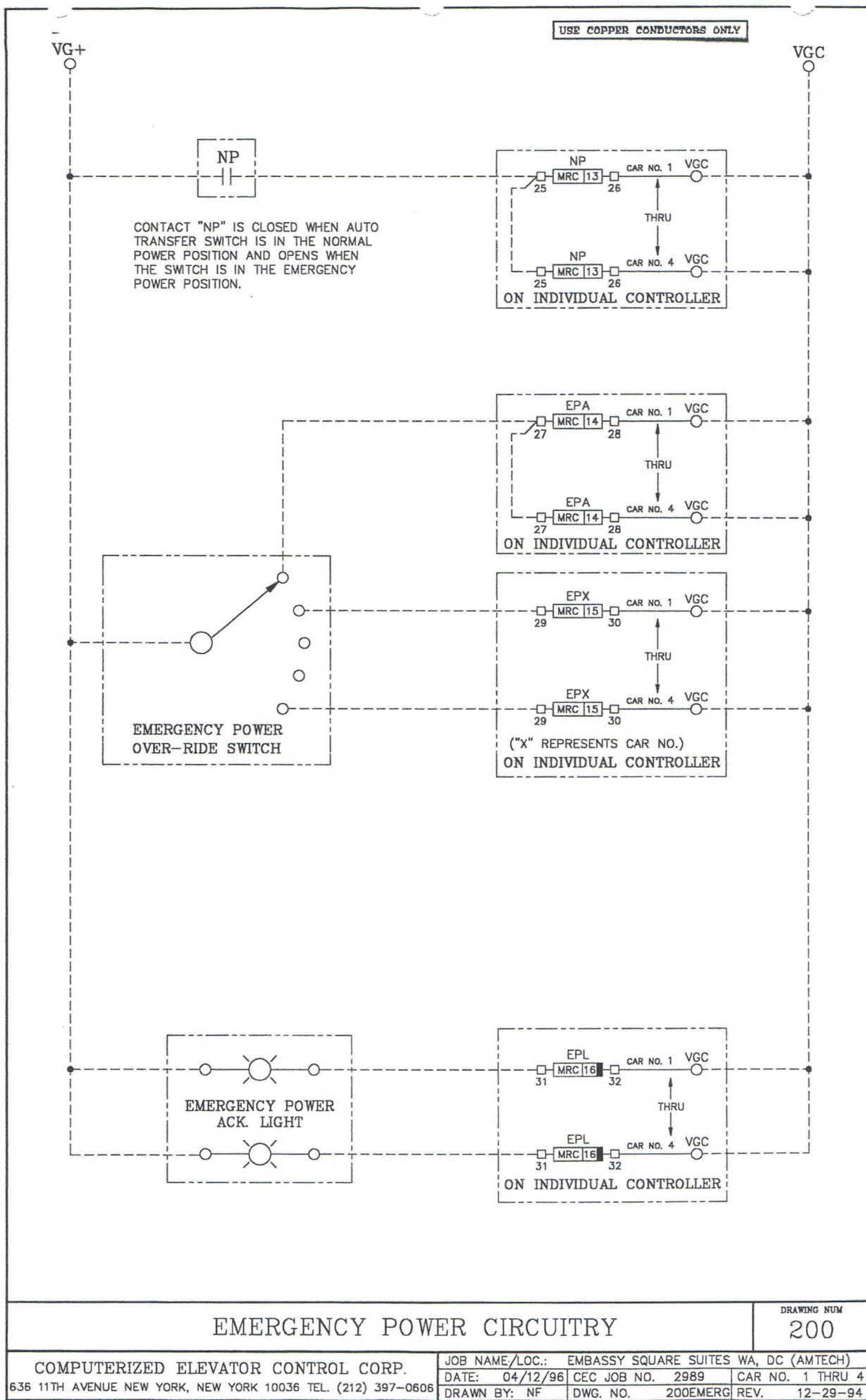
CAR NO. 1 THRU 4

DRAWN BY: NF

DWG. NO. 080MCSI

REV. 3-21-95

04/12/96 08:46 E:\JOES\2989\080MCSI.DWG



Car Diagnostic Display

NTS				Elevator 1				Date: 10/23/01 Time: 08:23:12a			
VFC	Com	Flt	MRC	Com	Flt	TOCC	Com	Flt	GP1	Com	Flt
1	SUI	13	SD1	1	HFON	13	NP	1	HS	13	DOL
2		14	CG	2	HFBP	14	EPA	2	CS	14	DCL
3		15	EPL	3	FR	15	EPX	3	ICS	15	DL6
4		16		4	FAL	16	BKM	4	ICI	16	NR
5	ETSU	17	ETSD	5	BLS	17	LVE	5	FBP	17	DORL
6	BK	18	FLT	6	DZ	18	ICA	6	DZ	18	DCRL
7	GL1	19	MCC	7	DRVS	19	LVEI	7	DFE	19	
8	DRY	20	DPP2	8	SM	20	BKC	8		20	
9	MC	21	DPP1	9	GV	21	SMC	9	TCI	21	
10	AU	22	PT	10	GL	22	RDY	10	DET	22	
11	TIU	23	PTU	11	ACB	23	ACU	11		23	UNL
12	TID	24	PTD	12	ACT	24	ACD	12		24	DNL

Start	CC SLDN	AUTOMATIC				COP CC1	Com	Flt	INIT
Run	UC SLDN	POS	5		9	1	ICI	13	1CO
Next Up	DC SLDN	SR	VEL	DIF		2	2CI	14	2CO
D0 Seq	ZN SLDN	VEL	0	0	0	3	7CI	15	7CO
U+		DPC	FPC			4	8CI	16	8CO
UH+	REV SLD	POS	4226	4227	454	5	9CI	17	9CO
FLU	CC PLT	FPM	DPP	ERRORS		6		18	
EM ST	UC PLT	GL	75	4199	135	1		19	
EM SD	DC PLT	LZ	83	4193	93	1		20	
GPI1-OLF		MZ	75	4196	135	3		21	
GPI2		FZ	30	4216	135	2		22	
GP01		BK	0	V	0	A		23	
GP02		COM		Flt				24	

INIT			
VFC	0	Fpm	
SLF		ISF	GLF
TLF		DDF	ESF
DigitMode:	0		
Run Time:	10.41		
GROUP	Normal		
DRU		Rdy	
COM		Flt	

START
UP
1
DN