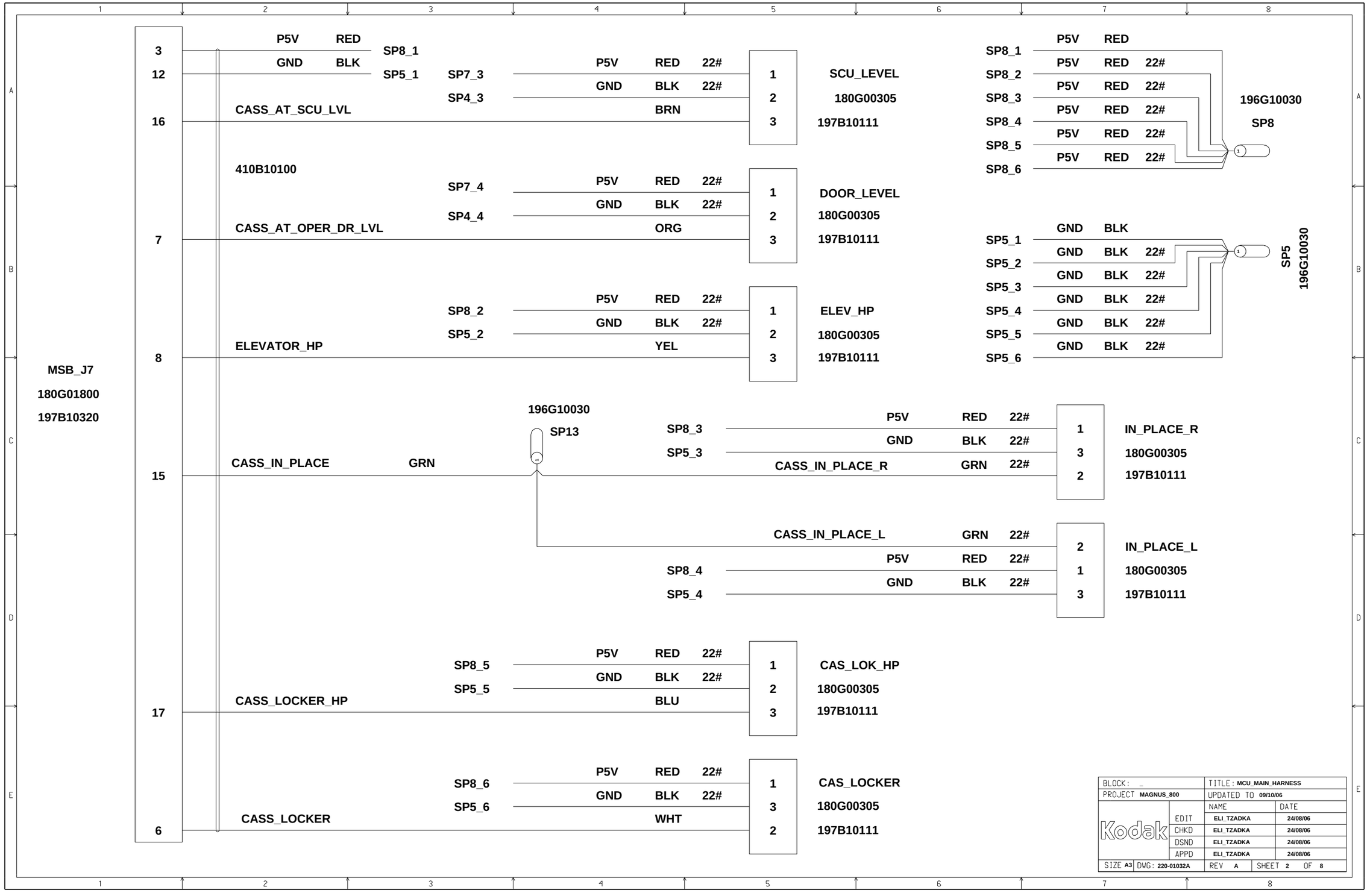
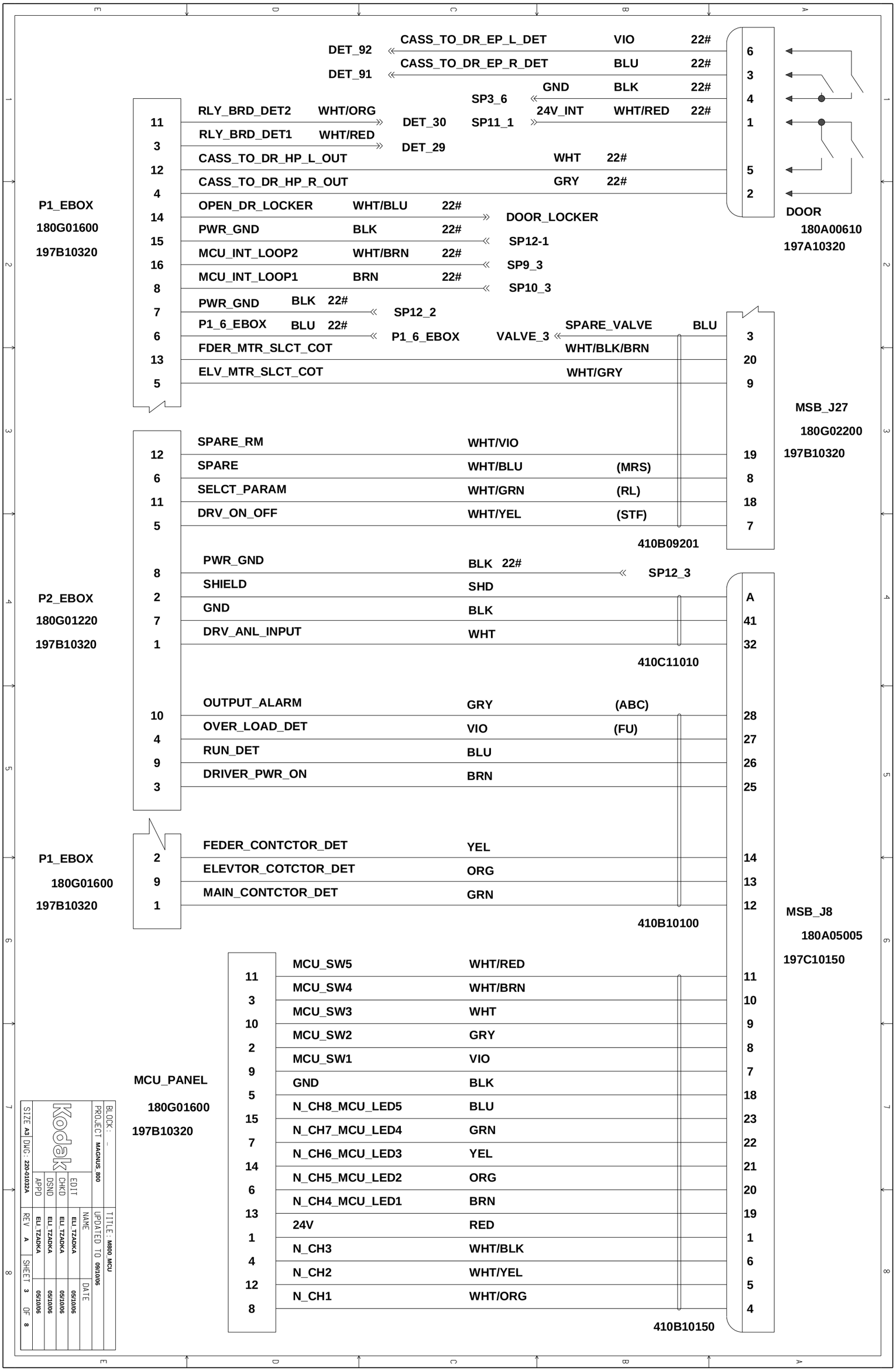

MSB_J7
180G01800
197B10320
3
12
16
7
8
15
17
6
P5V RED
GND BLK
SP8_1
SP5_1
CASS_AT_SCU_LVL
410B10100
CASS_AT_OPER_DR_LVL
ELEVATOR_HP
CASS_IN_PLACE GRN
CASS_LOCKER_HP
CASS_LOCKER
SP7_3
SP4_3
SP7_4
SP4_4
SP8_2
SP5_2
SP8_3
SP5_3
SP8_4
SP5_4
SP8_5
SP5_5
SP8_6
SP5_6
P5V RED 22#
GND BLK 22#
BRN
ORG
YEL
BLU
WHT
SCU_LEVEL
180G00305
197B10111
DOOR_LEVEL
ELEV_HP
196G10030
SP13
CASS_IN_PLACE_R GRN 22#
IN_PLACE_R
CASS_IN_PLACE_L GRN 22#
IN_PLACE_L
CAS_LOK_HP
CAS_LOCKER
SP1
SP2
SP3
SP4
SP5
SP6
SP8
BLOCK: _
TITLE: MCU_MAIN_HARNESS
PROJECT MAGNUS_800
UPDATED TO 09/10/06
NAME DATE
EDIT ELI_TZADKA 24/08/06
CHKD ELI_TZADKA 24/08/06
DSND ELI_TZADKA 24/08/06
APPD ELI_TZADKA 24/08/06
Kodak
SIZE A3 DWG: 220-01032A
REV A
SHEET 2 OF 8


DET_92
CASS_TO_DR_EP_L_DET
VIO
22#
DET_91
CASS_TO_DR_EP_R_DET
BLU
22#
GND
BLK
22#
SP3_6
24V_INT
WHT/RED
22#
RLY_BRD_DET2
WHT/ORG
DET_30
SP11_1
RLY_BRD_DET1
WHT/RED
DET_29
CASS_TO_DR_HP_L_OUT
WHT
22#
CASS_TO_DR_HP_R_OUT
GRY
22#
P1_EBOX
180G01600
197B10320
OPEN_DR_LOCKER
WHT/BLU
22#
DOOR_LOCKER
PWR_GND
BLK
22#
SP12-1
MCU_INT_LOOP2
WHT/BRN
22#
SP9_3
MCU_INT_LOOP1
BRN
22#
SP10_3
PWR_GND
BLK
22#
SP12_2
P1_6_EBOX
BLU
22#
P1_6_EBOX
VALVE_3
SPARE_VALVE
BLU
FDER_MTR_SLCT_COT
WHT/BLK/BRN
ELV_MTR_SLCT_COT
WHT/GRY
DOOR
180A00610
197A10320
MSB_J27
180G02200
197B10320
SPARE_RM
WHT/VIO
SPARE
WHT/BLU
(MRS)
SELCT_PARAM
WHT/GRN
(RL)
DRV_ON_OFF
WHT/YEL
(STF)
410B09201
PWR_GND
BLK
22#
SP12_3
SHIELD
SHD
GND
BLK
DRV_ANL_INPUT
WHT
410C11010
P2_EBOX
180G01220
197B10320
OUTPUT_ALARM
GRY
(ABC)
OVER_LOAD_DET
VIO
(FU)
RUN_DET
BLU
DRIVER_PWR_ON
BRN
FEDER_CONTCTOR_DET
YEL
ELEVTOR_COTCTOR_DET
ORG
MAIN_CONTCTOR_DET
GRN
410B10100
P1_EBOX
180G01600
197B10320
MSB_J8
180A05005
197C10150
MCU_SW5
WHT/RED
MCU_SW4
WHT/BRN
MCU_SW3
WHT
MCU_SW2
GRY
MCU_SW1
VIO
GND
BLK
N_CH8_MCU_LED5
BLU
N_CH7_MCU_LED4
GRN
N_CH6_MCU_LED3
YEL
N_CH5_MCU_LED2
ORG
N_CH4_MCU_LED1
BRN
24V
RED
N_CH3
WHT/BLK
N_CH2
WHT/YEL
N_CH1
WHT/ORG
410B10150
MCU_PANEL
180G01600
197B10320
Kodak
BLOCK: -
PROJECT MAGNUS 800
TITLE: M800 MCU
SIZE A3
DWG: 220-01032A
EDIT
NAME
DATE
APPD
DSND
CHKD
UPDATED TO 09/10/06
REV A
SHEET 3 OF 8
ELI_TZADKA
05/10/06

S_RLY_J4
180G00610
197B10320

410B10060

2	EMRG_STOP_SW1		BRN
3	EMRG_STOP_SW2		ORG
	WIRE_SW1	YEL	22#
	WIRE_SW2	GRN	22#
5	EMRG_STP_SW1_RET		YEL
6	EMRG_STP_SW2_RET		GRN
4	PWR_GND	BLK	
1	24V_INT	RED	

EBOX_EMRG
180A00420
197A10320

1	
3	
2	WIRE_SW1
4	WIRE_SW2

L_FRNT_EMR
180A00420
197A10320

3	
1	
2	WIRE_SW1
4	WIRE_SW2

R_FRNT_EMR
180A00420
197A10320

3	
1	
2	EMRG_STP_SW1_RET
4	EMRG_STP_SW2_RET

MSB_J27
180G02200
197B10320

410B09201

11	TO_VLV_CONNECTOR	BLU	22#
1	PWR_GND	BLK	
2	LIFT_MECH_UP_P	RED	
12	LIFT_MECH_DOWN_P	ORG	
13	N_CH_LIFT_MECH_UP_N	YEL	
14	N_CH_LIFT_MECH_DOWN_N	GRN	
4	CASS_LOCKER	VIO	
15	CASS_TO_DR_CLOSE	GRY	
5	CASS_TO_DR_OPEN	WHT	
16	CASS_ARM_OPEN	WHT/RED	
	CASS_ARM_OPEN	WHT/ORG	

VALVES
180G01800
197B10320

14	
7	
1	
10	
2	
11	
3	
12	
4	
13	
5	
6	DBL_RLY2_DET1 WHT/YEL 22#
15	DBL_RLY2_DET2 WHT/GRN 22#
9	MCU_INT_LOOP1 BRN 22#
18	MCU_INT_LOOP2 WHT/BRN 22#

DET_31
DET_32
SP10_2
SP9_2

SP12_1 PWR_GND BLK 22#
SP12_2 PWR_GND BLK 22#
SP12_3 PWR_GND BLK 22#
SP12_4 PWR_GND BLK 22#

SP12
196G10030

SERV_BOX
180A00810
197A10320

1	24V_INT	WHT/RED	22#	
2	24V_INT	WHT/RED	22#	
5	MCU_INT_LOOP1	BRN	22#	SP10_1
6	MCU_INT_LOOP2	WHT/BRN	22#	SP9_1
3	SERVICE_BOX_DET	GRN	22#	DET_90
7	GND	BLK	22#	SP4_5

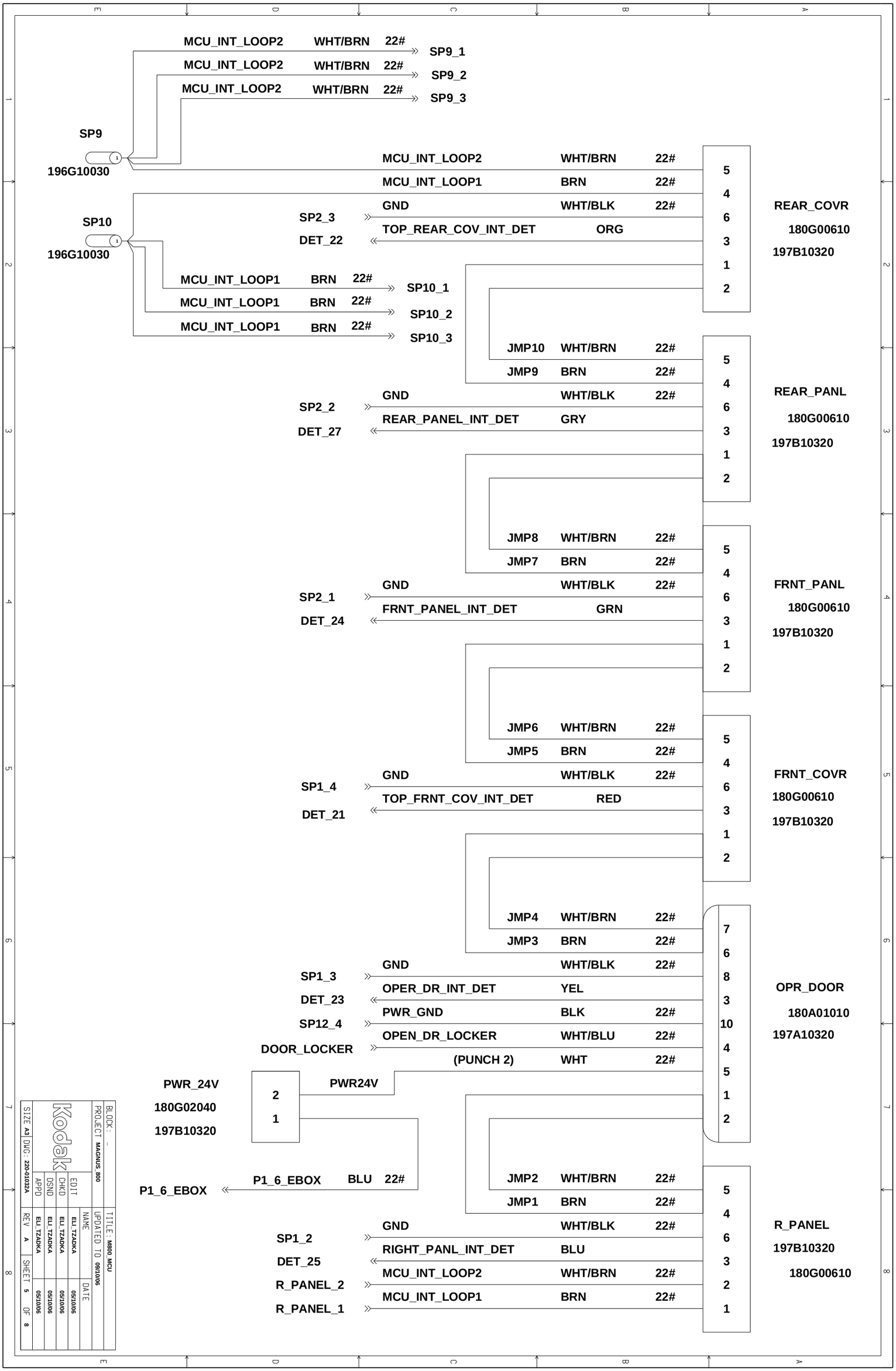
L_PANEL
180G00610
197B10320

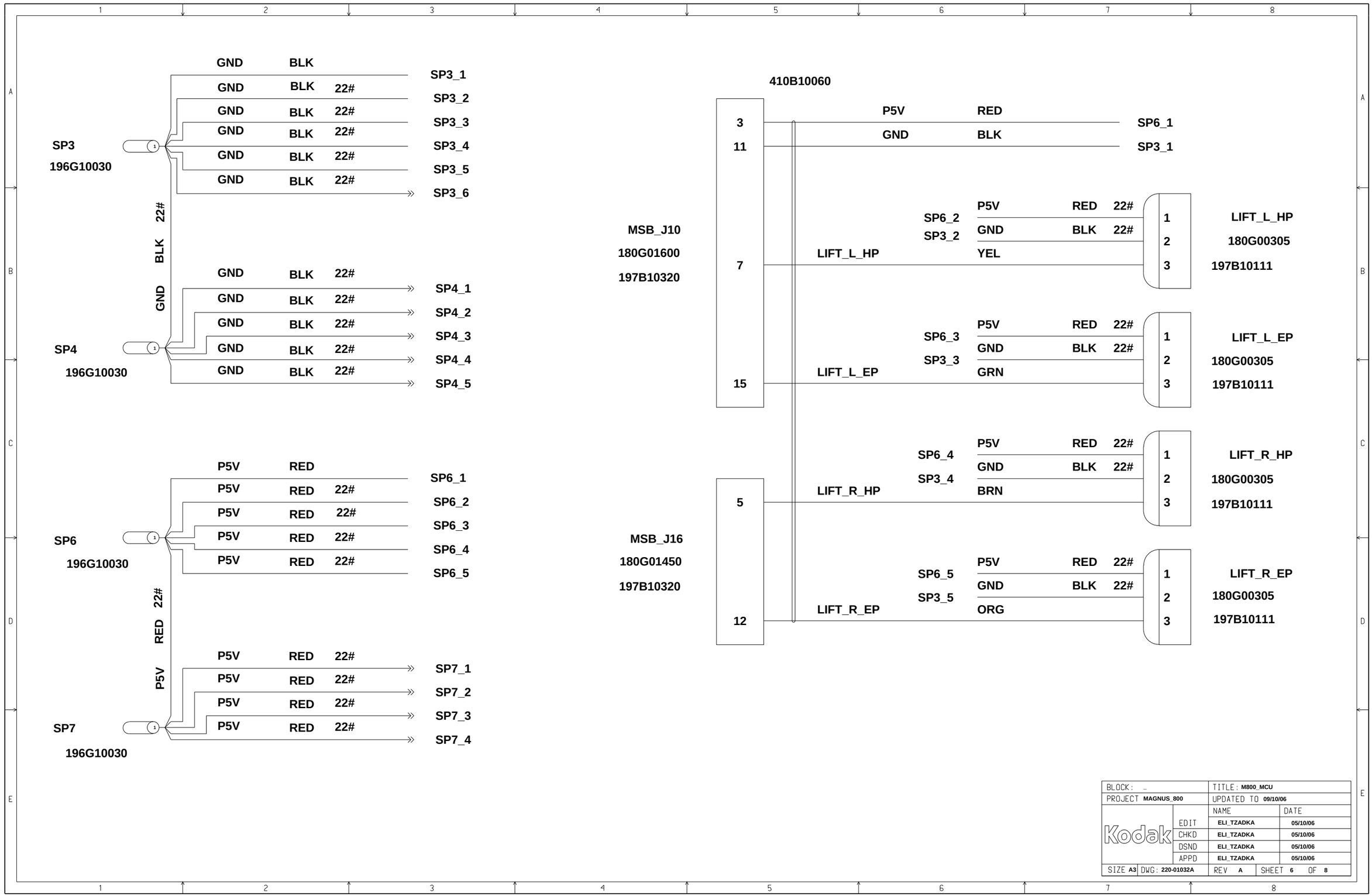
2	22#	WHT/RED	24V_INT	
1	22#	WHT/RED	24V_INT	
3		VIO	LEFT_PANEL_INT_DET	DET_26
6	22#	WHT/BLK	GND	SP1_1
4	22#	BRN	MCU_INT_LOOP1	R_PANEL_1
5	22#	WHT/BRN	MCU_INT_LOOP2	R_PANEL_2

SP11_1 24V_INT WHT/RED 22#

SP11
196G10030

BLOCK: _		TITLE: M800_MCU	
PROJECT MAGNUS_800		UPDATED TO 09/10/06	
Kodak		NAME	DATE
	EDIT	ELI_TZADKA	05/10/06
	CHKD	ELI_TZADKA	05/10/06
	DSND	ELI_TZADKA	05/10/06
	APPD	ELI_TZADKA	05/10/06
SIZE A3	DWG: 220-01032A	REV A	SHEET 4 OF 8


MCU_INT_LOOP2 WHT/BRN 22# SP9_1
MCU_INT_LOOP2 WHT/BRN 22# SP9_2
MCU_INT_LOOP2 WHT/BRN 22# SP9_3
SP9
196G10030
SP10
196G10030
MCU_INT_LOOP2 WHT/BRN 22#
MCU_INT_LOOP1 BRN 22#
GND WHT/BLK 22#
SP2_3
TOP_REAR_COV_INT_DET ORG
DET_22
REAR_COVR
180G00610
197B10320
MCU_INT_LOOP1 BRN 22# SP10_1
MCU_INT_LOOP1 BRN 22# SP10_2
MCU_INT_LOOP1 BRN 22# SP10_3
JMP10 WHT/BRN 22#
JMP9 BRN 22#
GND WHT/BLK 22#
SP2_2
REAR_PANEL_INT_DET GRY
DET_27
REAR_PANL
180G00610
197B10320
JMP8 WHT/BRN 22#
JMP7 BRN 22#
GND WHT/BLK 22#
SP2_1
FRNT_PANEL_INT_DET GRN
DET_24
FRNT_PANL
180G00610
197B10320
JMP6 WHT/BRN 22#
JMP5 BRN 22#
GND WHT/BLK 22#
SP1_4
TOP_FRNT_COV_INT_DET RED
DET_21
FRNT_COVR
180G00610
197B10320
JMP4 WHT/BRN 22#
JMP3 BRN 22#
GND WHT/BLK 22#
SP1_3
OPER_DR_INT_DET YEL
DET_23
PWR_GND BLK 22#
SP12_4
OPEN_DR_LOCKER WHT/BLU 22#
DOOR_LOCKER
(PUNCH 2) WHT 22#
OPR_DOOR
180A01010
197A10320
PWR_24V
180G02040
197B10320
PWR24V
P1_6_EBOX
P1_6_EBOX BLU 22#
JMP2 WHT/BRN 22#
JMP1 BRN 22#
GND WHT/BLK 22#
SP1_2
RIGHT_PANL_INT_DET BLU
DET_25
MCU_INT_LOOP2 WHT/BRN 22#
R_PANEL_2
MCU_INT_LOOP1 BRN 22#
R_PANEL_1
R_PANEL
197B10320
180G00610
BLOCK: -
PROJECT MAGNUS_800
TITLE: M800 MCU
UPDATED TO 09/10/06
SIZE A3
DWG: 220-01032A
REV A
SHEET 5 OF 8
EDIT
CHKD
DSND
APPD
NAME
DATE
ELI_TZADKA
05/10/06
$LCABLE_TRAINING/OREN/ML01032A/oren_mcu_cbl/schematic/sheet4 last update : 09/10/06



BLOCK: _		TITLE: M800_MCU	
PROJECT MAGNUS_800		UPDATED TO 09/10/06	
Kodak		NAME	DATE
	EDIT	ELI_TZADKA	05/10/06
	CHKD	ELI_TZADKA	05/10/06
	DSND	ELI_TZADKA	05/10/06
	APPD	ELI_TZADKA	05/10/06
SIZE A3	DWG: 220-01032A	REV A	SHEET 6 OF 8

MSB_J25
180G00410
197B10320
410B10030

1	24V	RED	SP14_1
2	GND	BLK	SP15_1
3	SIDE_TO_SIDE	GRN_or_WHT	SP16_1

S2S_DOWN_R
180A00420
197A10320
410B10030

1	24V	RED	SP14_2
2	GND	BLK	SP15_2
3	SIDE_TO_SIDE	GRN_or_WHT	SP16_2

S2D_DOWN_L
180A00420
197A10320
410B10030

1	24V	RED	SP14_3
2	GND	BLK	SP15_3
3	SIDE_TO_SIDE	GRN_or_WHT	SP16_3

S2S_UP_R
180A00240
197A10320
410B10030

1	24V	RED	SP14_4
2	GND	BLK	SP15_4

S2S_UP_L
180A00240
197A10320
410B10030

1	24V	RED	SP14_5
2	GND	BLK	SP15_5

MSB_J2
180G02502
197B10232
410B10100

9	SP7_1	P5V	RED	22#	1 UPPER_L_SW
	SP4_1	GND	BLK	22#	2 180G00305
		UPPER_L_SW	BRN		3 197B10111
10	SP7_2	P5V	RED	22#	1 LOWER_L_SW
	SP4_2	GND	BLK	22#	2 180G00305
		LOWER_L_SW	ORG		3 197B10111
12	SERVICE_BOX_DET	GRN	DET_90		
21	CASS_TO_DR_EP_R_DET	BLU	DET_91		
22	CASS_TO_DR_EP_L_DET	VIO	DET_92		
24	DET94	BLK	22#		
18	GND				

196G10030 → SP14

SP14_1	24V	RED
SP14_2	24V	RED
SP14_3	24V	RED
SP14_4	24V	RED
SP14_5	24V	RED

196G10030 → SP15

SP15_1	GND	BLK
SP15_2	GND	BLK
SP15_3	GND	BLK
SP15_4	GND	BLK
SP15_5	GND	BLK

196G10030 → SP16

SP16_1	SIDE_TO_SIDE	GRN_or_WHT
SP16_2	SIDE_TO_SIDE	GRN_or_WHT
SP16_3	SIDE_TO_SIDE	GRN_or_WHT

BLOCK : _		TITLE : M800_MCU	
PROJECT MAGNUS_800		UPDATED TO 09/10/06	
Kodak		NAME	DATE
	EDIT	ELI_TZADKA	05/10/06
	CHKD	ELI_TZADKA	05/10/06
	DSND	ELI_TZADKA	05/10/06
	APPD	ELI_TZADKA	05/10/06
SIZE A3	DWG : 220-01032A	REV A	SHEET 7 OF 8

MSB_J3
180A01502
197C10150

410B09201

2	TOP_FRNT_COV_INT_DET	RED	DET_21
10	TOP_REAR_COV_INT_DET	ORG	DET_22
3	OPER_DR_INT_DET	YEL	DET_23
11	FRNT_PANEL_INT_DET	GRN	DET_24
4	RIGHT_PANL_INT_DET	BLU	DET_25
12	LEFT_PANEL_INT_DET	VIO	DET_26
5	REAR_PANEL_INT_DET	GRY	DET_27
13			
6	RLY_BRD_DET1	WHT/RED	DET_29
14	RLY_BRD_DET2	WHT/ORG	DET_30
7	DBL_RLY2_DET1	WHT/YEL	DET_31
15	DBL_RLY2_DET2	WHT/GRN	DET_32
9	GND	WHT/BLK	

196G10030

SP1

GND	WHT/BLK	22#
GND	WHT/BLK	22#
GND	WHT/BLK	22#
GND	WHT/BLK	22#

SP1_4
SP1_3
SP1_2
SP1_1

GND 22#
WHT/BLK 22#
GND 22#

SP2
196G10030

GND	WHT/BLK	22#
GND	WHT/BLK	22#
GND	WHT/BLK	22#

SP2_3
SP2_2
SP2_1

MSB_J36
180G01220
197B10320

410A10044

1	P5V	RED	22#
7	GND	BLK	22#
2	ELEVATOR_MTR_ENC_A	BLU	22#
3	ELEVATOR_MTR_ENC_B	WHT	22#
	CHASSIS_GND	SHD	
10			

1 6 2 7 10

ELV_ENC
180A01010
197A10320

197A10320

410A10044

	CHASSIS_GND	SHD	
4	P5V	RED	22#
	GND	BLK	22#
5	FEDER_MTR_ENC_A	BLU	22#
6	FEDER_MTR_ENC_B	WHT	22#

10 1 6 2 7

FDR_ENC
180A01010

BLOCK: _		TITLE: M800_MCU	
PROJECT MAGNUS_800		UPDATED TO 09/10/06	
Kodak		NAME	DATE
	EDIT	ELI_TZADKA	05/10/06
	CHKD	ELI_TZADKA	05/10/06
	DSND	ELI_TZADKA	05/10/06
	APPD	ELI_TZADKA	05/10/06
SIZE A3	DWG: 220-01032A	REV A	SHEET 8 OF 8