$LCABLE_TRAINING/OREN/ML02194A/flex_400_main_cbl/schematic/sheet1  last update : 26/07/07

MB_J10
180G01220
197B10320

1
7
2
8
4
10

P12V ORG 18#
P12V ORG 22#
P12V ORG 22#
P12V_RET BLK 22#
P12V_RET BLK 22#
P12V_RET BLK 18#
P12V ORG 18#
P12V_RET BLK 18#
N12V WHT/ORG 18#
N12V_RET BLK 18#
P12V ORG 18#
P12V_RET BLK 18#

ON_OFF_R1
ON_OFF_L1
ON_OFF_R2
ON_OFF_L2

196G10030 SP5
196G10030 SP6

P12V ORG 18#
P12V_RET BLK 18#

DC_OUT
180G01800
197B10320

1
10
2
11
3
12
4
13

DIST_J6
180G02440
197B10320

3
4
10
9
13
14

24V BLU 18#
24V_RET BLK 18#
24N_INT WHT/BLU 18#
24N_INT_RET WHT/BLK 18#

SPARE
180A01010
197A10320

1
6
5
10

1
2

24V BLU 18#
24V_RET BLK 18#

196G10020 SP2
SP1 196G10020

24V BLU 18#
24V_RET BLK 18#
24V BLU 18#
24V_RET BLK 18#
24V BLU 18#
24V_RET BLK 18#

MB_J14
180G00810
197B10320

1
5
2
6
4
8

24
12
19

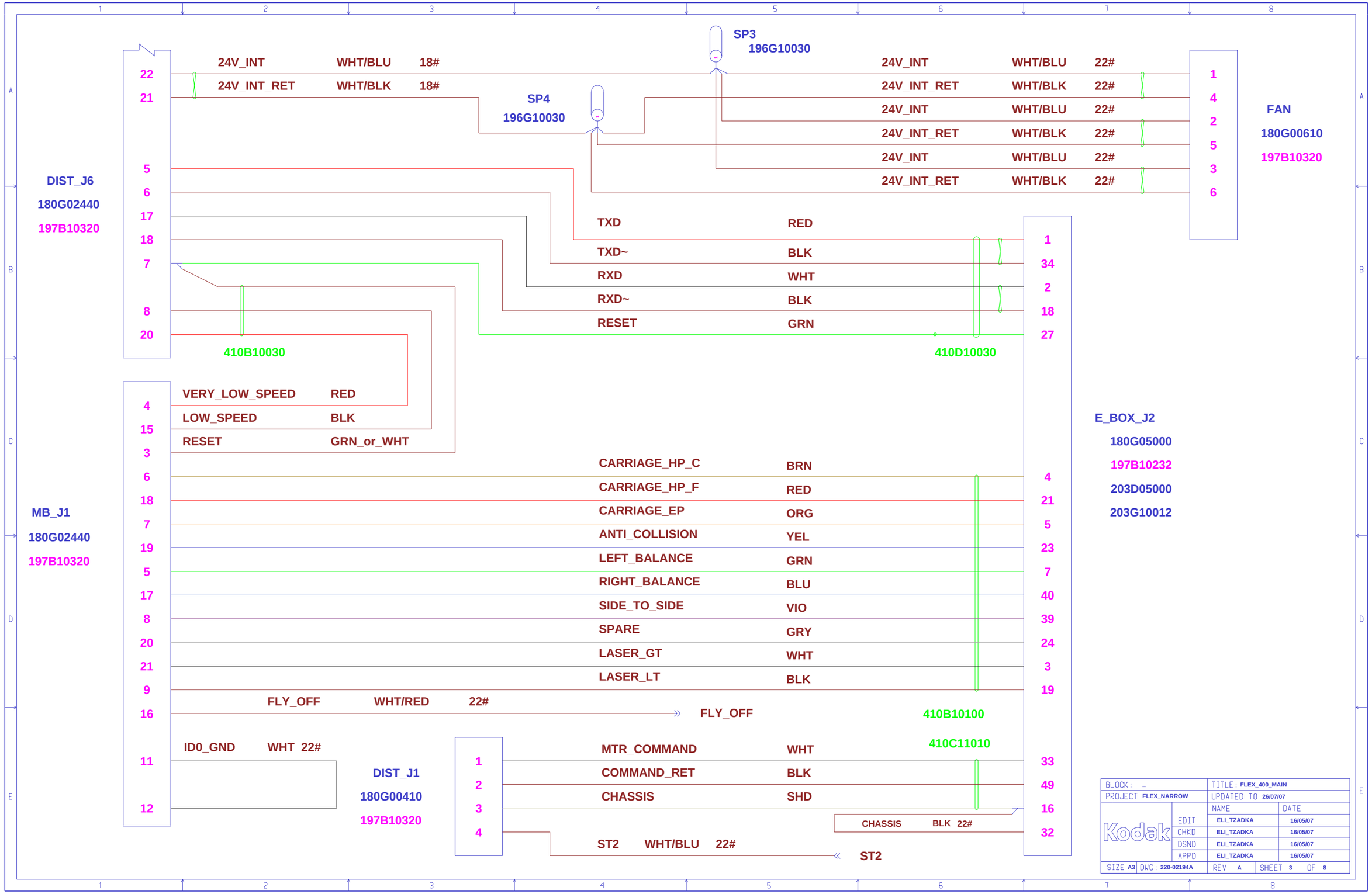
410C11014

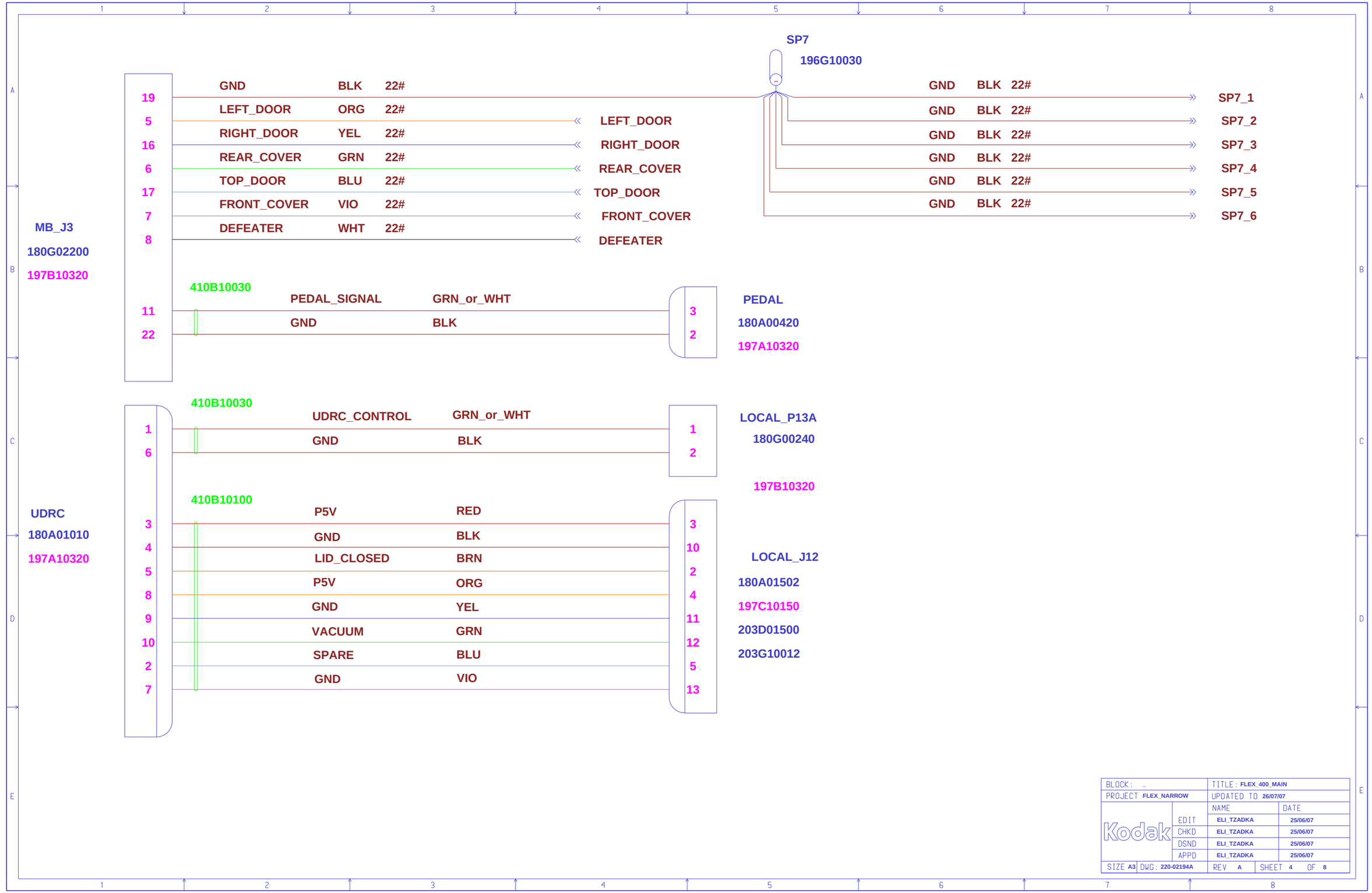
48V RED
48V_RET WHT
CHASSIS SHD

1
2
3

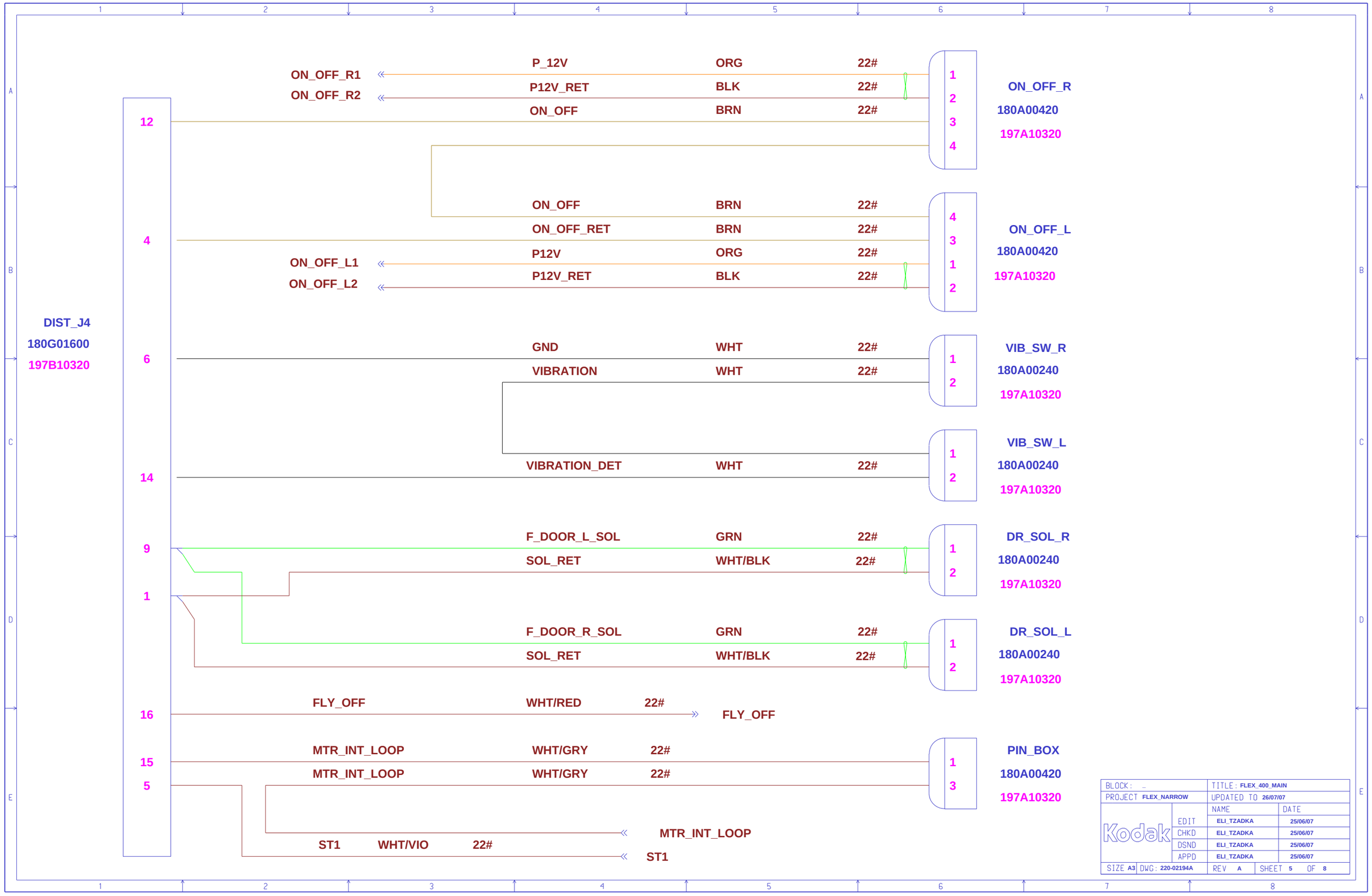
48V_IN
180A00420
197A10320

| | | | |
|---|---|---|---|
| BLOCK: _ | | TITLE: FLEX_400_MAIN | |
| PROJECT FLEX_NARROW | | UPDATED TO 26/07/07 | |
| Kodak | | NAME | DATE |
| | EDIT | ELI_TZADKA | 14/03/07 |
| | CHKD | ELI_TZADKA | 14/03/07 |
| | DSND | ELI_TZADKA | 14/03/07 |
| | APPD | ELI_TZADKA | 14/03/07 |
| SIZE A3 | DWG: 220-02194A | REV A | SHEET 2 OF 8 |

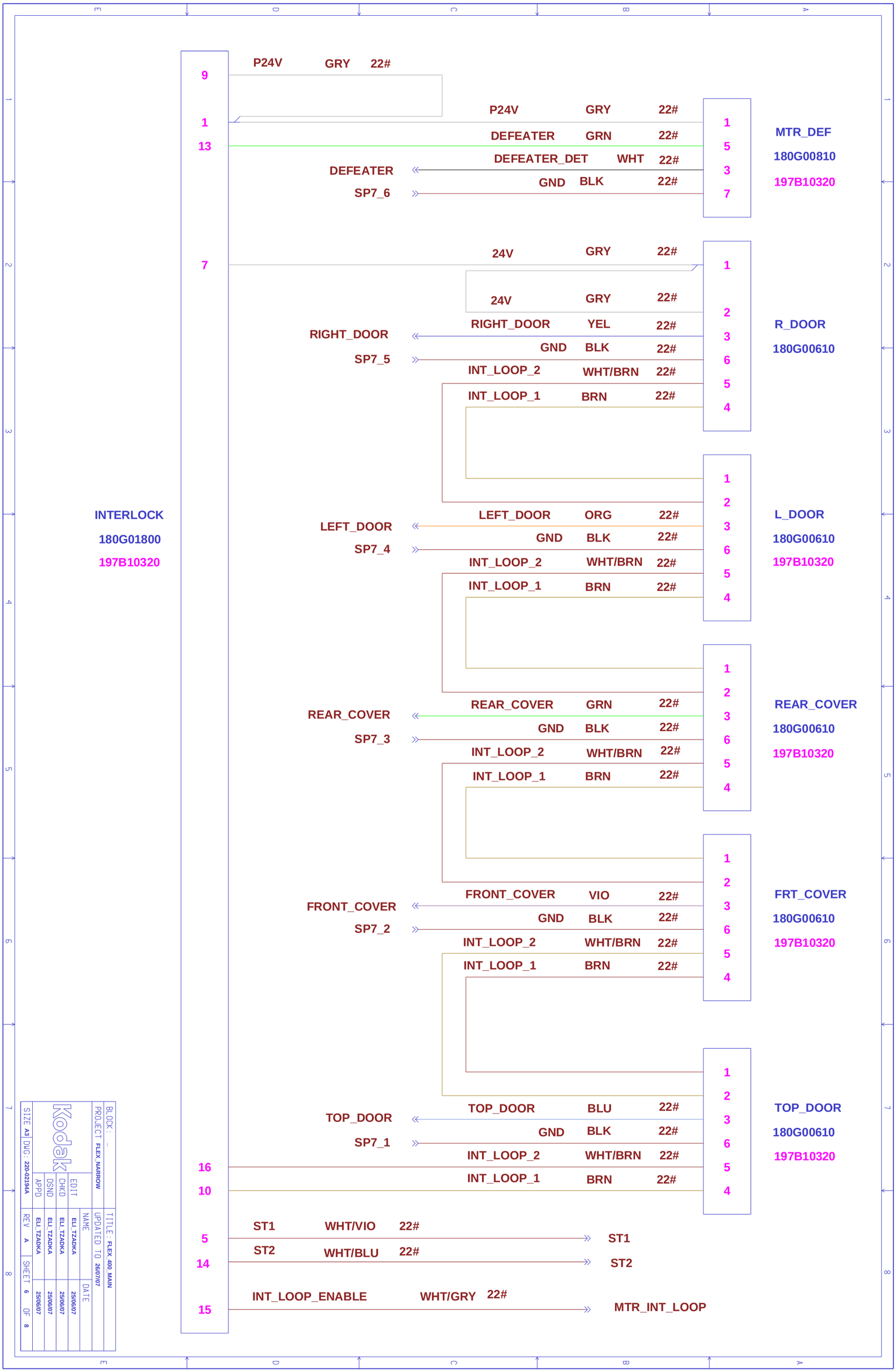

SP3
196G10030
SP4
196G10030
DIST_J6
180G02440
197B10320
22
21
5
6
17
18
7
8
20
24V_INT WHT/BLU 18#
24V_INT_RET WHT/BLK 18#
24V_INT WHT/BLU 22#
24V_INT_RET WHT/BLK 22#
24V_INT WHT/BLU 22#
24V_INT_RET WHT/BLK 22#
24V_INT WHT/BLU 22#
24V_INT_RET WHT/BLK 22#
1
4
2
5
3
6
FAN
180G00610
197B10320
TXD RED
TXD~ BLK
RXD WHT
RXD~ BLK
RESET GRN
410B10030
410D10030
1
34
2
18
27
VERY_LOW_SPEED RED
LOW_SPEED BLK
RESET GRN_or_WHT
4
15
3
6
18
7
19
5
17
8
20
21
9
16
11
12
CARRIAGE_HP_C BRN
CARRIAGE_HP_F RED
CARRIAGE_EP ORG
ANTI_COLLISION YEL
LEFT_BALANCE GRN
RIGHT_BALANCE BLU
SIDE_TO_SIDE VIO
SPARE GRY
LASER_GT WHT
LASER_LT BLK
FLY_OFF WHT/RED 22#
FLY_OFF
410B10100
410C11010
ID0_GND WHT 22#
MB_J1
180G02440
197B10320
DIST_J1
180G00410
197B10320
1
2
3
4
MTR_COMMAND WHT
COMMAND_RET BLK
CHASSIS SHD
CHASSIS BLK 22#
ST2 WHT/BLU 22#
ST2
4
21
5
23
7
40
39
24
3
19
33
49
16
32
E_BOX_J2
180G05000
197B10232
203D05000
203G10012
BLOCK: _
PROJECT FLEX_NARROW
TITLE: FLEX_400_MAIN
UPDATED TO 26/07/07
NAME DATE
EDIT ELI_TZADKA 16/05/07
CHKD ELI_TZADKA 16/05/07
DSND ELI_TZADKA 16/05/07
APPD ELI_TZADKA 16/05/07
SIZE A3 DWG: 220-02194A
REV A SHEET 3 OF 8




| | | | |
|---|---|---|---|
| BLOCK: _ | | TITLE: FLEX_400_MAIN | |
| PROJECT FLEX_NARROW | | UPDATED TO 26/07/07 | |
| Kodak | | NAME | DATE |
| | EDIT | ELI_TZADKA | 25/06/07 |
| | CHKD | ELI_TZADKA | 25/06/07 |
| | DSND | ELI_TZADKA | 25/06/07 |
| | APPD | ELI_TZADKA | 25/06/07 |
| SIZE A3 | DWG: 220-02194A | REV A | SHEET 4 OF 8 |




| | | | |
|---|---|---|---|
| BLOCK: _ | | TITLE: FLEX_400_MAIN | |
| PROJECT FLEX_NARROW | | UPDATED TO 26/07/07 | |
| Kodak | | NAME | DATE |
| | EDIT | ELI_TZADKA | 25/06/07 |
| | CHKD | ELI_TZADKA | 25/06/07 |
| | DSND | ELI_TZADKA | 25/06/07 |
| | APPD | ELI_TZADKA | 25/06/07 |
| SIZE A3 | DWG: 220-02194A | REV A | SHEET 5 OF 8 |


$LCABLE_TRAINING/OREN/ML02194A/flex_400_main_cbl/schematic/sheet5 last update : 26/07/07
INTERLOCK
180G01800
197B10320
9
1
13
7
16
10
5
14
15
P24V GRY 22#
P24V GRY 22#
DEFEATER GRN 22#
DEFEATER_DET WHT 22#
GND BLK 22#
DEFEATER
SP7_6
MTR_DEF
180G00810
197B10320
24V GRY 22#
24V GRY 22#
RIGHT_DOOR YEL 22#
GND BLK 22#
INT_LOOP_2 WHT/BRN 22#
INT_LOOP_1 BRN 22#
RIGHT_DOOR
SP7_5
R_DOOR
180G00610
LEFT_DOOR ORG 22#
GND BLK 22#
INT_LOOP_2 WHT/BRN 22#
INT_LOOP_1 BRN 22#
LEFT_DOOR
SP7_4
L_DOOR
180G00610
197B10320
REAR_COVER GRN 22#
GND BLK 22#
INT_LOOP_2 WHT/BRN 22#
INT_LOOP_1 BRN 22#
REAR_COVER
SP7_3
REAR_COVER
180G00610
197B10320
FRONT_COVER VIO 22#
GND BLK 22#
INT_LOOP_2 WHT/BRN 22#
INT_LOOP_1 BRN 22#
FRONT_COVER
SP7_2
FRT_COVER
180G00610
197B10320
TOP_DOOR BLU 22#
GND BLK 22#
INT_LOOP_2 WHT/BRN 22#
INT_LOOP_1 BRN 22#
TOP_DOOR
SP7_1
TOP_DOOR
180G00610
197B10320
ST1 WHT/VIO 22#
ST2 WHT/BLU 22#
ST1
ST2
INT_LOOP_ENABLE WHT/GRY 22#
MTR_INT_LOOP
BLOCK: -
PROJECT FLEX_NARROW
UPDATED TO 26/07/07
TITLE: FLEX_400_MAIN
SIZE A3
DWG: 220-02194A
REV A
SHEET 6 OF 8
NAME
DATE
EDIT
CHKD
DSND
APPD
ELI_TZADKA
25/06/07

$LCABLE_TRAINING/OREN/ML02194A/flex_400_main_cbl/schematic/sheet6  last update : 26/07/07

410C09081

DIST_J2
180G01220
197B10310

| | | | |
|---|---|---|---|
| 3 | HALL_A | BRN | 1 |
| 5 | HALL_B | ORG | 2 |
| 9 | HALL_C | YEL | 3 |
| 8 | GND | GRN | 6 |
| 10 | P5V | BLU | 7 |
| 4 | TEMP_SENSE_P5V | BLK | 4 |
| 12 | TEMP_SENSE_RET | RED | 8 |
| 6 | CHASSIS | SHD | 5 |

MTR_HALL
180G00810
197B10310

410A10030

CON_1
180G00911
197B10232
203D10309
203G10012

| | | | |
|---|---|---|---|
| 2 | HOST_RX | RED | 2 |
| 3 | HOST_TX | CLR | 3 |
| 5 | GND | BLK | 5 |
| A | CHASSIS | SHD | A |

LOCAL_J8
180G00911
197B10232
203D10309
203G10012

410A10044

EBOX_STEP
180G00610
197B10320

| | | | |
|---|---|---|---|
| 1 | A | RED | 1 |
| 3 | A~ | WHT | 2 |
| 4 | B | BLK | 3 |
| 6 | B~ | BLU | 4 |
| 2 | CHASSIS | SHD | |

STEPPR
180A00420
197A10320

["147A00005","147A00005"]

GND  GRN  22#  GND
196B08010

SLD1
SOLDER_POINT

410A13050

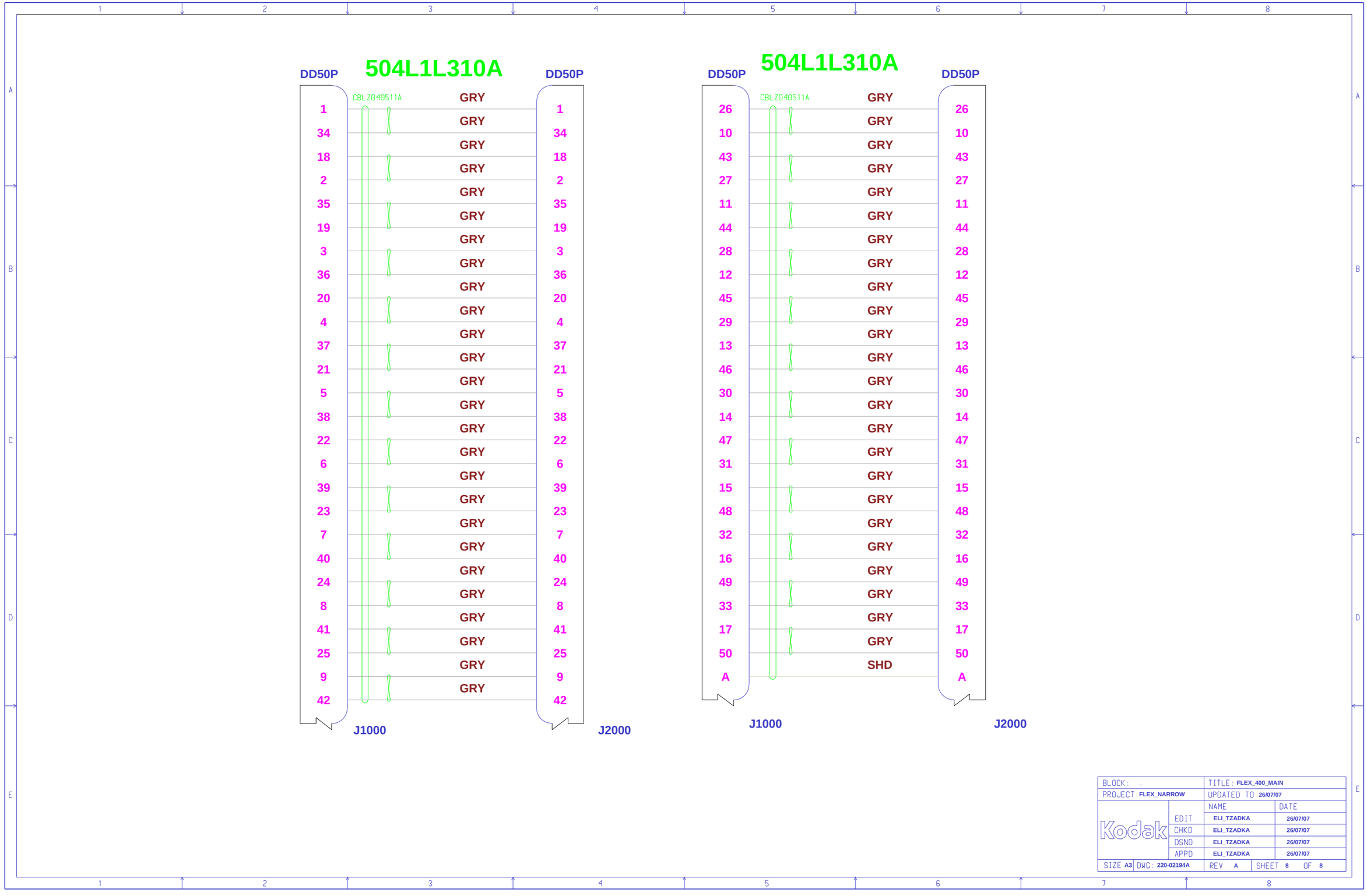
MTR_PWR
180G00905
197B10190

| | | | |
|---|---|---|---|
| 1 | PHASE_A | BLK1 | 1 |
| 3 | PHASE_B | BLK3 | 3 |
| 5 | PHASE_C | BLK4 | 5 |
| 7 | GND | GRN/YEL | 7 |
| 8 | CHASSIS | SHD | 8 |

DRUM_MTR
180G00905
197B10190

196B14000 — GND2 — 12# GRN/YEL GND — 196B14000 — GND1
196B14000 — GND3 — 12# GRN/YEL GND — 196B14000 — GND1_1
196B14000 — GND4 — 12# GRN/YEL GND — 196B14000 — GND1_2

| | | | |
|---|---|---|---|
| BLOCK: _ | | TITLE: FLEX_400_MAIN | |
| PROJECT FLEX_NARROW | | UPDATED TO 26/07/07 | |
| Kodak | | NAME | DATE |
| | EDIT | ELI_TZADKA | 25/06/07 |
| | CHKD | ELI_TZADKA | 25/06/07 |
| | DSND | ELI_TZADKA | 25/06/07 |
| | APPD | ELI_TZADKA | 25/06/07 |
| SIZE A3 | DWG: 220-02194A | REV A | SHEET 7 OF 8 |




| | | | |
|---|---|---|---|
| BLOCK : _ | | TITLE : FLEX_400_MAIN | |
| PROJECT FLEX_NARROW | | UPDATED TO 26/07/07 | |
| Kodak | | NAME | DATE |
| | EDIT | ELI_TZADKA | 26/07/07 |
| | CHKD | ELI_TZADKA | 26/07/07 |
| | DSND | ELI_TZADKA | 26/07/07 |
| | APPD | ELI_TZADKA | 26/07/07 |
| SIZE A3 | DWG : 220-02194A | REV A | SHEET 8 OF 8 |