Level

Assembling Instructions

Level

Gen 10, 2002 Edition

AEPE...	ASSEMBLING INSTRUCTIONS - List of documents	Edition

10 ... DRAWINGS AND MODEL LAYOUTS

20 ... INSTALLATION SEQUENCES

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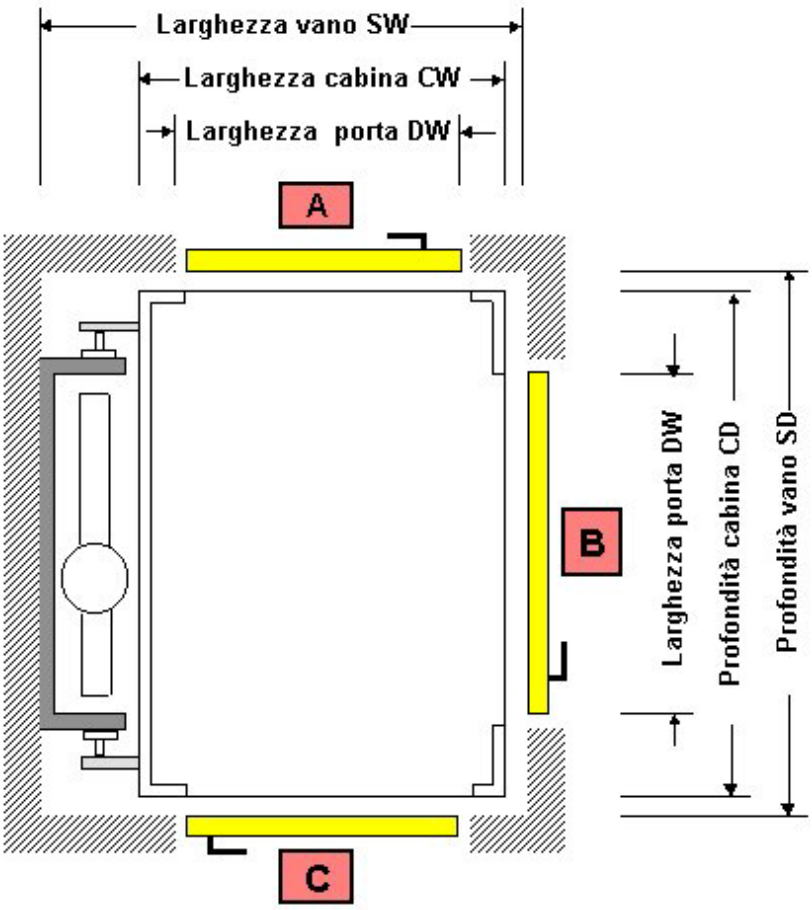
DRAWINGS AND MODEL LAYOUTS

MODEL'S SPECIFICATIONS

Model	Suitable for wheelchair	Door entrance position	Rated Load	Cabin dimensions		Door dimension	Shaft dimension			
				Height 2100 mm		Height 2000 mm	Wall mounted		Self supporting structure	
			Kg-Pers.	CW	CD	DW	SW	SD	SW	SD
M		**B**	**250 - 2**	630	800	650	1000	1000	1100	1100
S	♿	**A C**	**250 - 3**	800	1200	800	1225	1290	1325	1390
	♿	**AC**	**250 - 3**	800	1200	800	1225	1240	1325	1340
W	♿	**A C**	**250 - 3**	900	1200	800	1275	1390	1375	1490
	♿	**AC**	**250 - 3**	900	1200	800	1275	1440	1375	1540
		B	**250 - 3**	900	1200	800	1275	1340	1375	1440
		AB BC	**250 - 3**	900	1200	800	1275	1390	1375	1490
Z	♿	**A C**	**250 - 3**	1000	1200	900	1375	1390	1475	1490
	♿	**AC**	**250 - 3**	1000	1200	900	1375	1440	1475	1540
		B	**250 - 3**	1000	1200	900	1375	1340	1475	1440
		AB BC	**250 - 3**	1000	1200	900	1375	1390	1475	1490
ZL	♿	**A C**	**250 - 3**	1000	1400	900	1375	1590	1475	1690
	♿	**AC**	**250 - 3**	1000	1400	900	1375	1640	1475	1740
		B	**250 - 3**	1000	1400	900	1375	1540	1475	1640
		AB BC	**250 - 3**	1000	1400	900	1375	1590	1475	1690
XL	♿	**AB BC**	**250 - 3**	1400	1400	900	1770	1590	1870	1690

DRAWINGS AND MODEL LAYOUTS

PLAN (WITH ACCESS INDICATIONS)

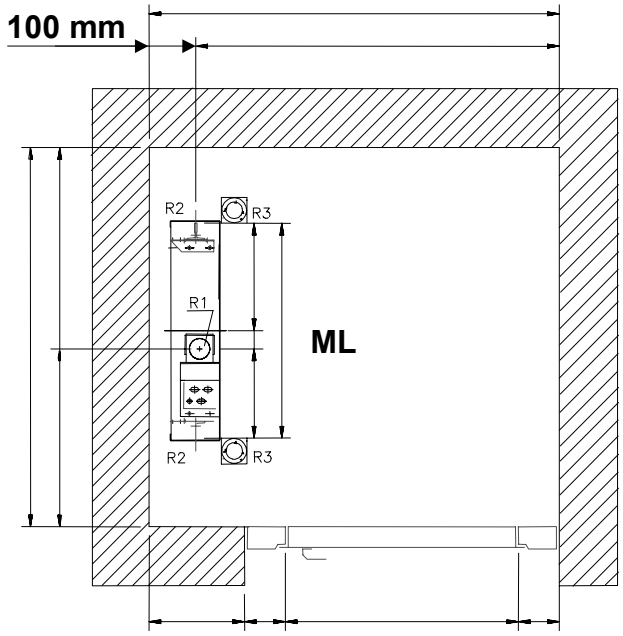


LANDING DOOR'S:

manual with right or left opening

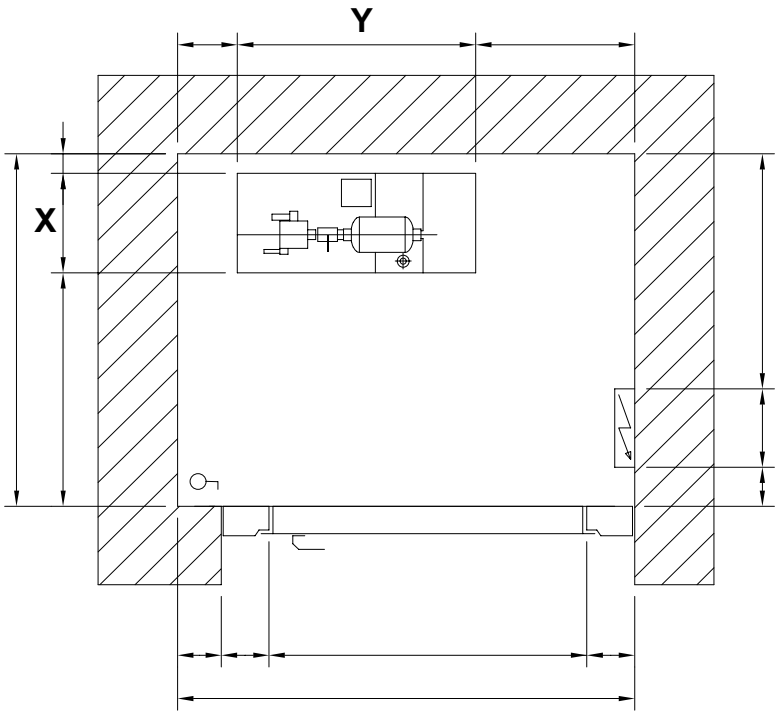
DRAWINGS AND MODEL LAYOUTS

PIT LAYOUT



MODEL	ML (mm)
M	730
all others	830

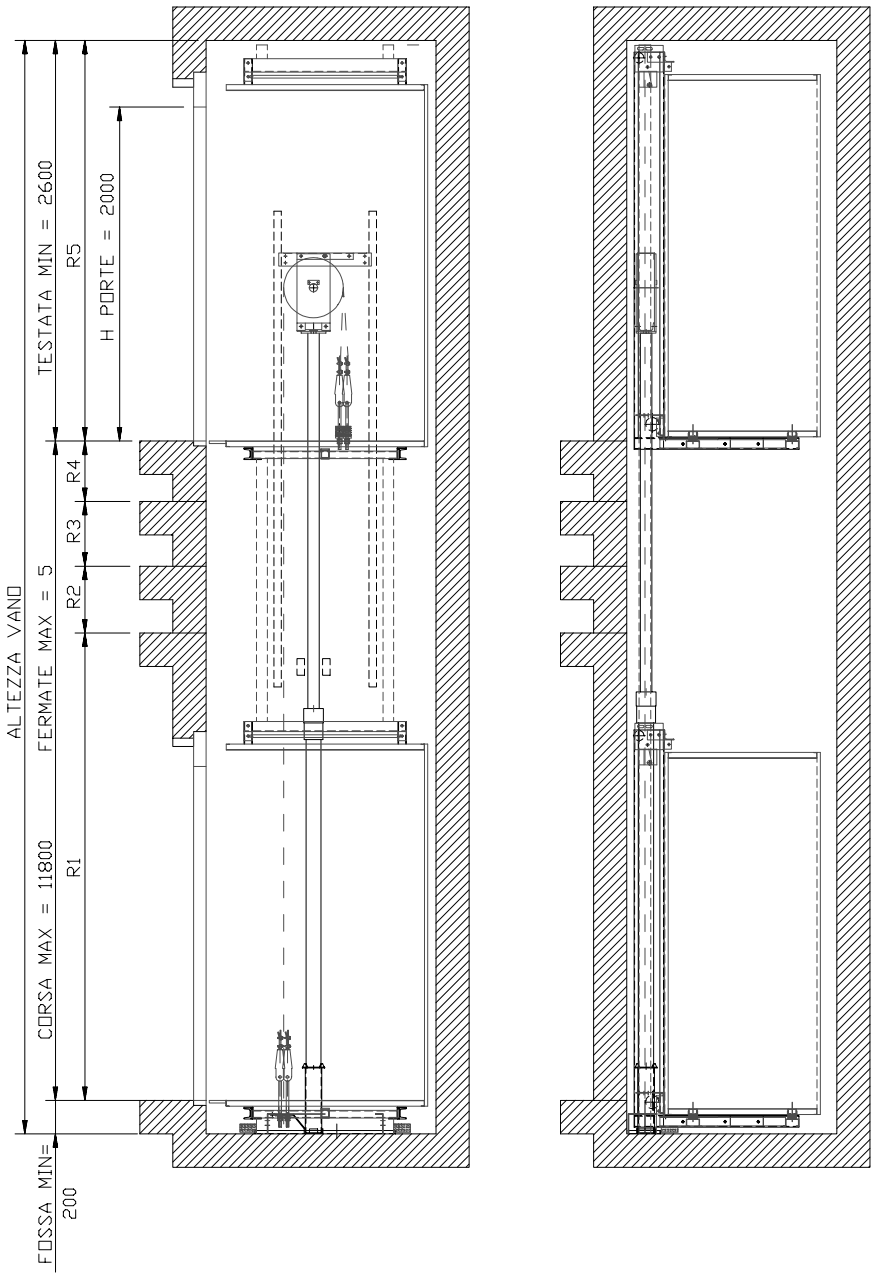
MACHINE ROOM



TRAVEL	X (mm)	Y (mm)
< 4 mt	360	470
>= 4 mt	360	700

DRAWINGS AND MODEL LAYOUTS

VERTICAL SECTION (WITHOUT CABIN DOORS)



Min. Pit	(mm)	200
Min. Overhead	(mm)	2.600
Max. Travel	(mm)	11.800
Max. number of stops	N.	5
Internal cabin height	(mm)	2.100
Door height	(mm)	2.000

DRAWINGS AND MODEL LAYOUTS

HORIZONTAL SECTION (depending on the model)

Models	Suitable for wheelchair	Door entrance position	Wall mounted	Self supporting structure
M		**B**	A/PE1025	A/PE1026
S		**A**	A/PE1027	A/PE1030
		C	A/PE1028	A/PE1031
		**AC**	A/PE1029	A/PE1032
W		**A**	A/PE1035	A/PE1041
		C	A/PE1036	A/PE1042
		**AC**	A/PE1037	A/PE1043
		B	A/PE1038	A/PE1044
		AB	A/PE1039	A/PE1045
		BC	A/PE1040	A/PE1046
Z		**A**	A/PE1050	A/PE1056
		C	A/PE1051	A/PE1057
		**AC**	A/PE1052	A/PE1058
		B	A/PE1053	A/PE1059
		AB	A/PE1054	A/PE1060
		BC	A/PE1055	A/PE1061
ZL		**A**	A/PE1065	A/PE1071
		C	A/PE1066	A/PE1072
		**AC**	A/PE1067	A/PE1073
		B	A/PE1068	A/PE1074
		AB	A/PE1069	A/PE1075
		BC	A/PE1070	A/PE1076
XL		**AB**	A/PE1080	A/PE1082
		BC	A/PE1081	A/PE1083

INSTALLATION SEQUENCE

GENERAL CHECKINGS

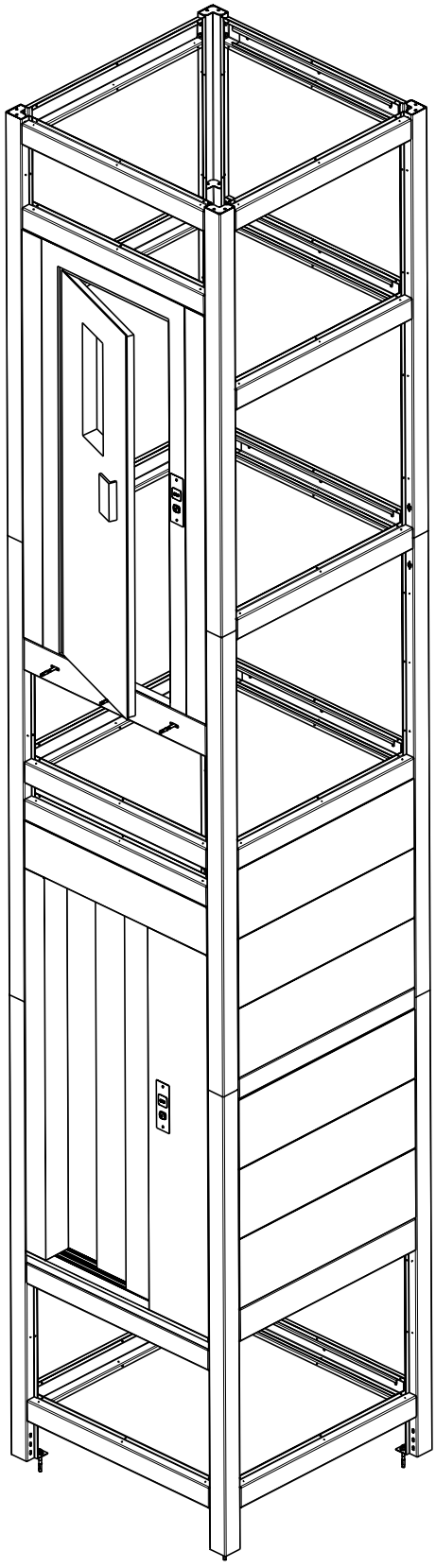
a) Check the shaft dimensions and the shaft walls being perfectly plumb.

b) Check that the customer has installed the Main Circuit Breaker as per instructions.

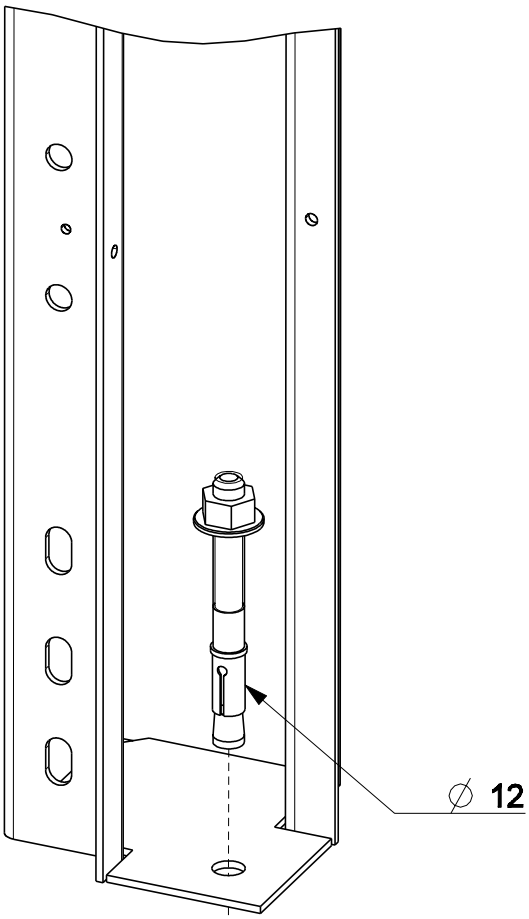
c) Check the alignment of the landing openings. Appropriate obstructions must be placed in front of entrances in order to prevent accidentally falling into the shaft.

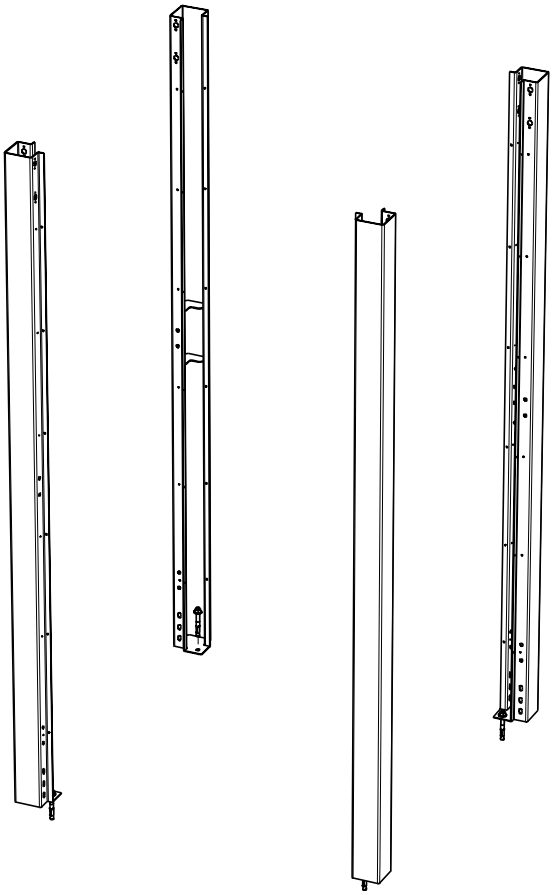
d) For a correct installation of the framework, consider – as reference – the landing opening mostly inside the shaft.

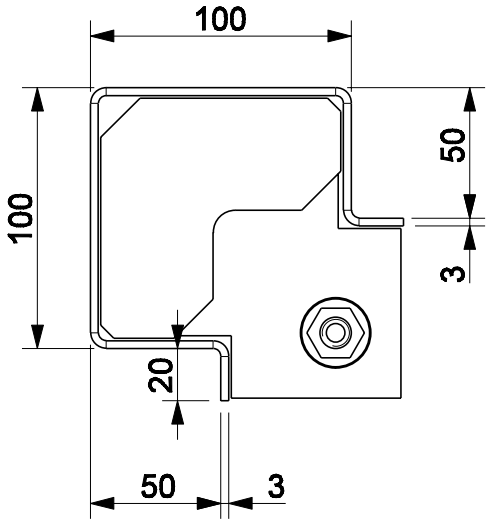
STRUCTURE SUPPORTED FRAMEWORK

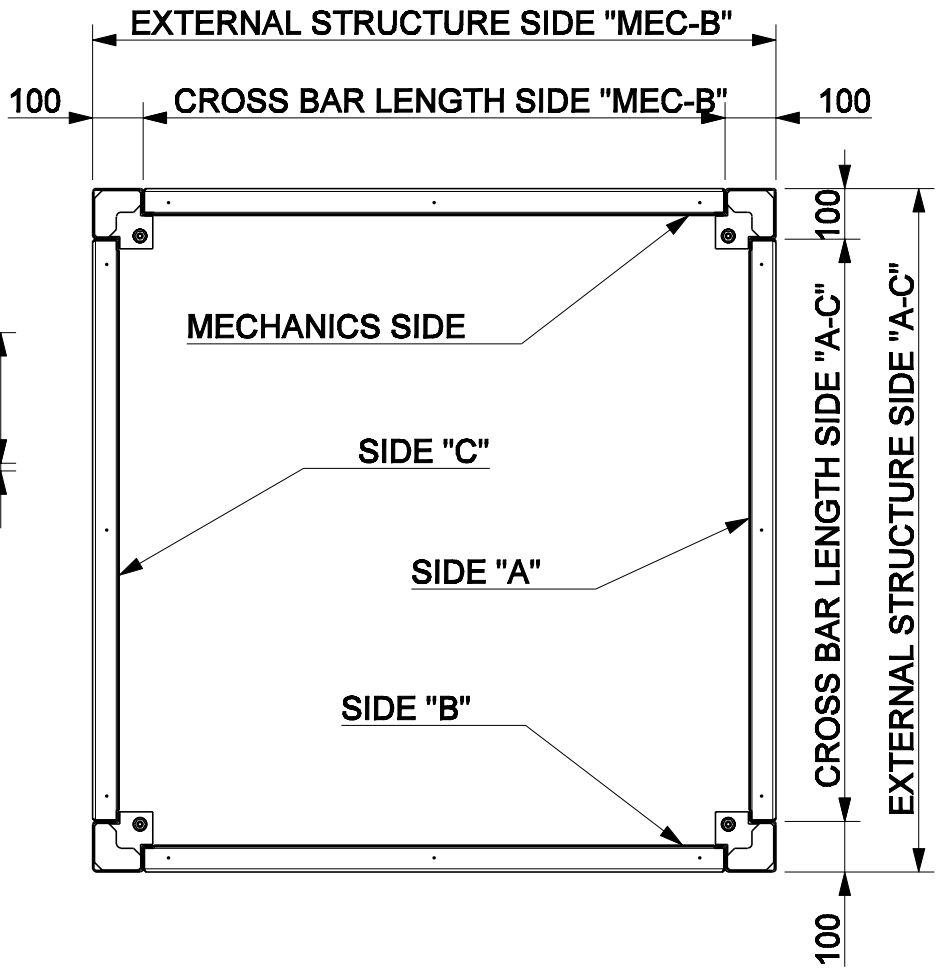


STARTING UPRIGHT

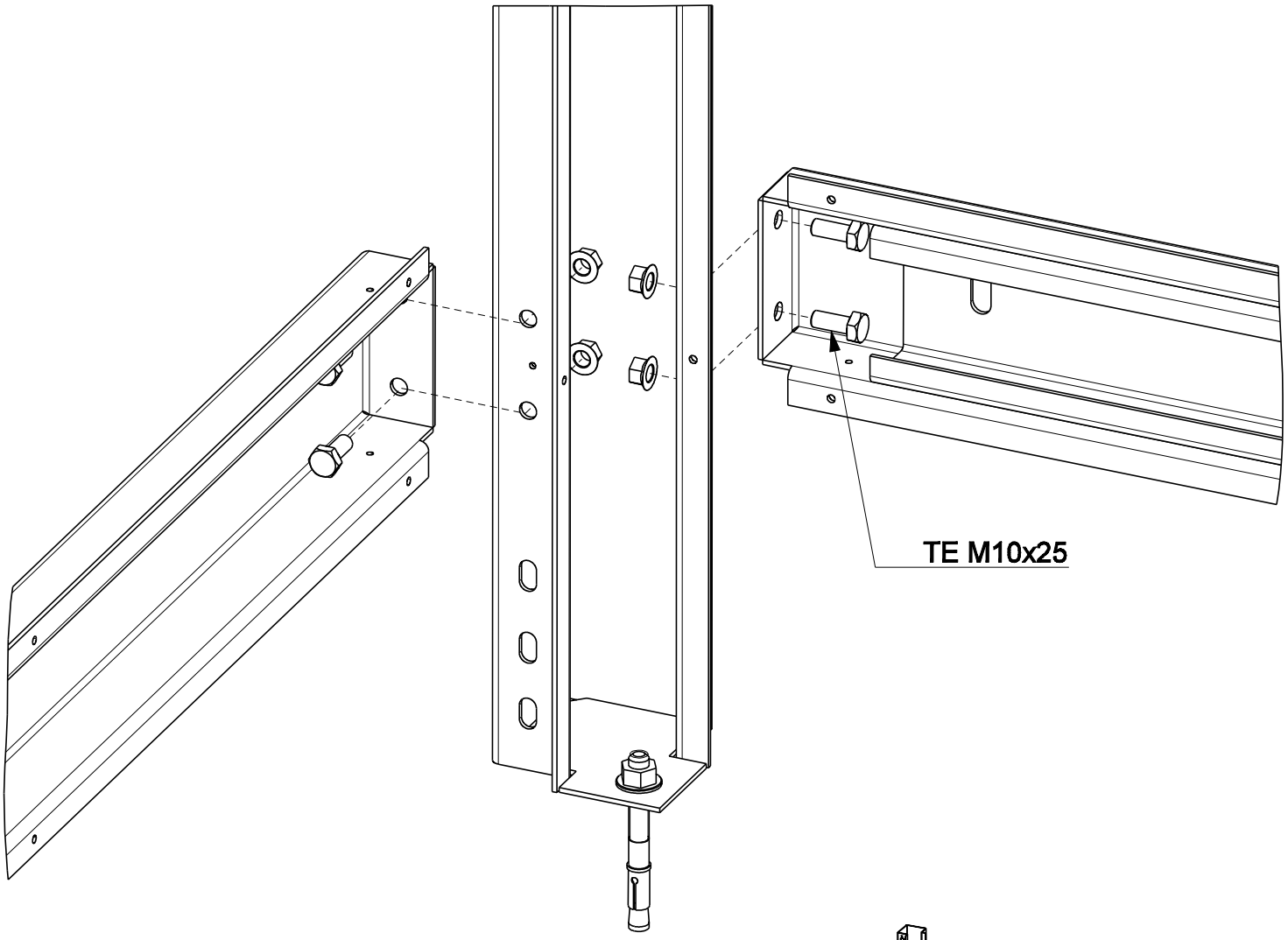


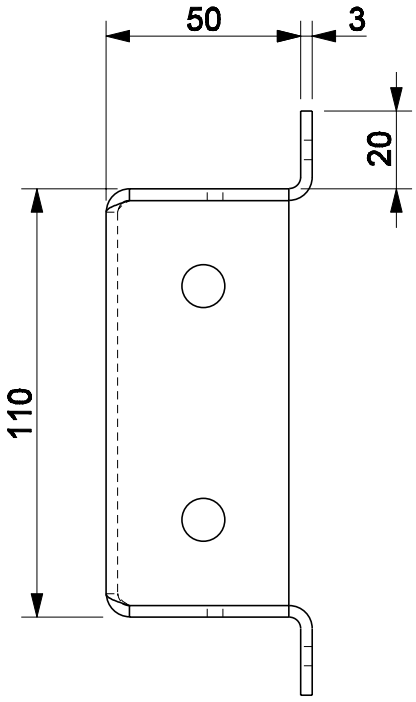


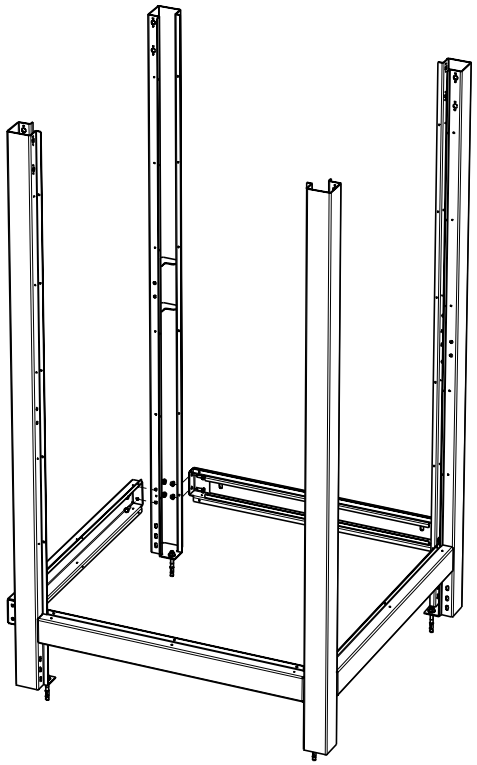




STANDARD CROSS BEAM

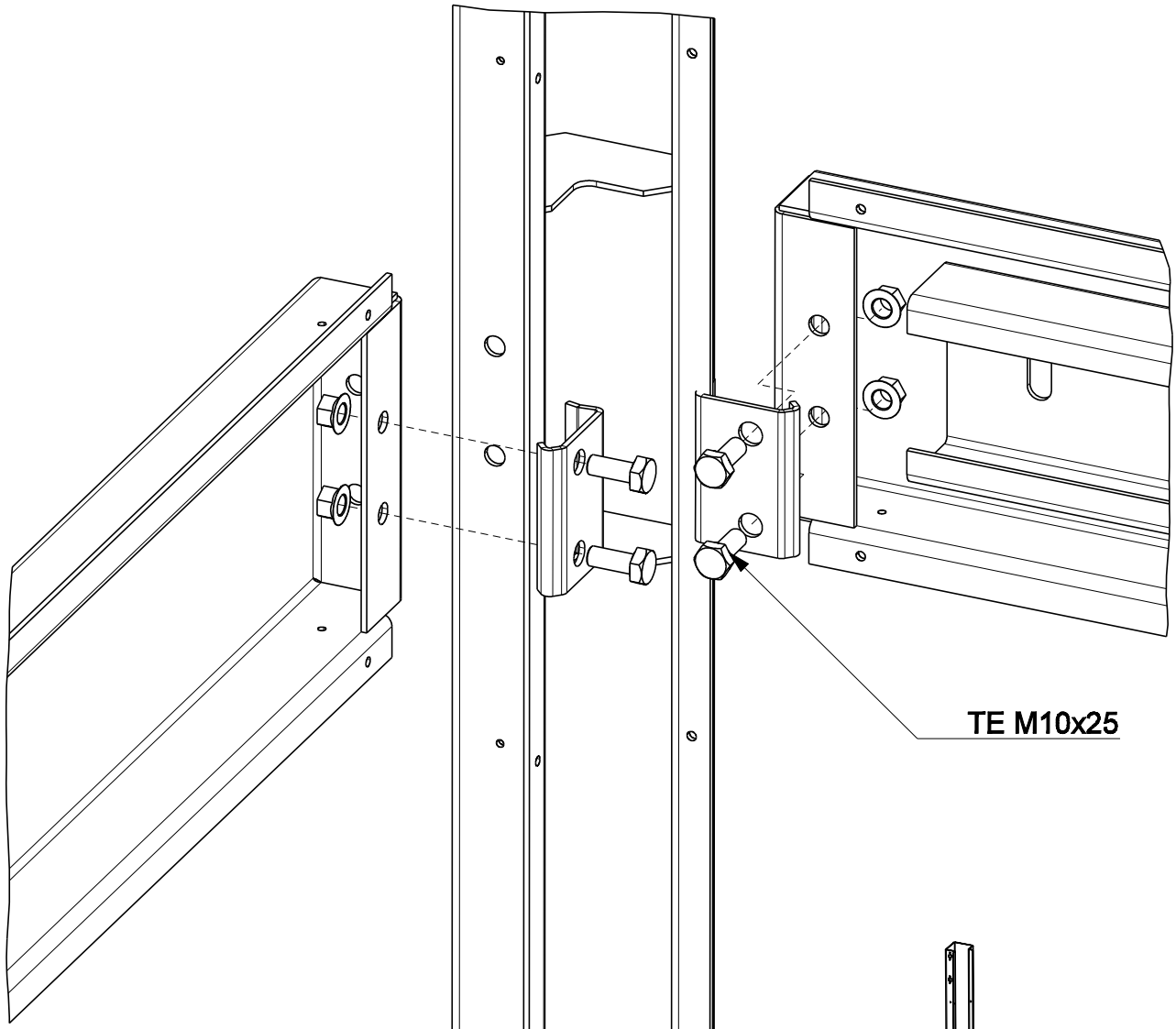


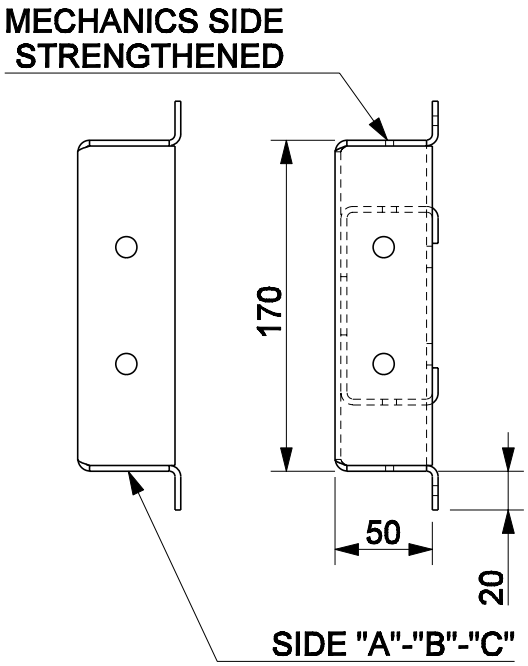


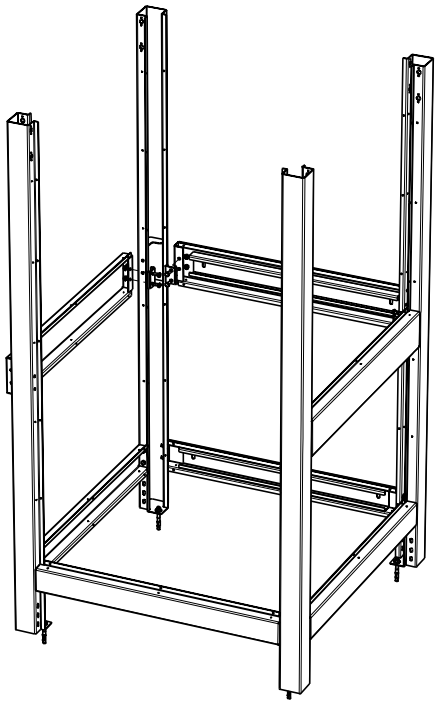


E-IA-AS-1-1-3		Daldoss Elevetronic	Easylife Level	
IA-AS-1-PRS	FILE		REV.	2
3	STEP		CHECK	

BOTTOM CROSS BEAM

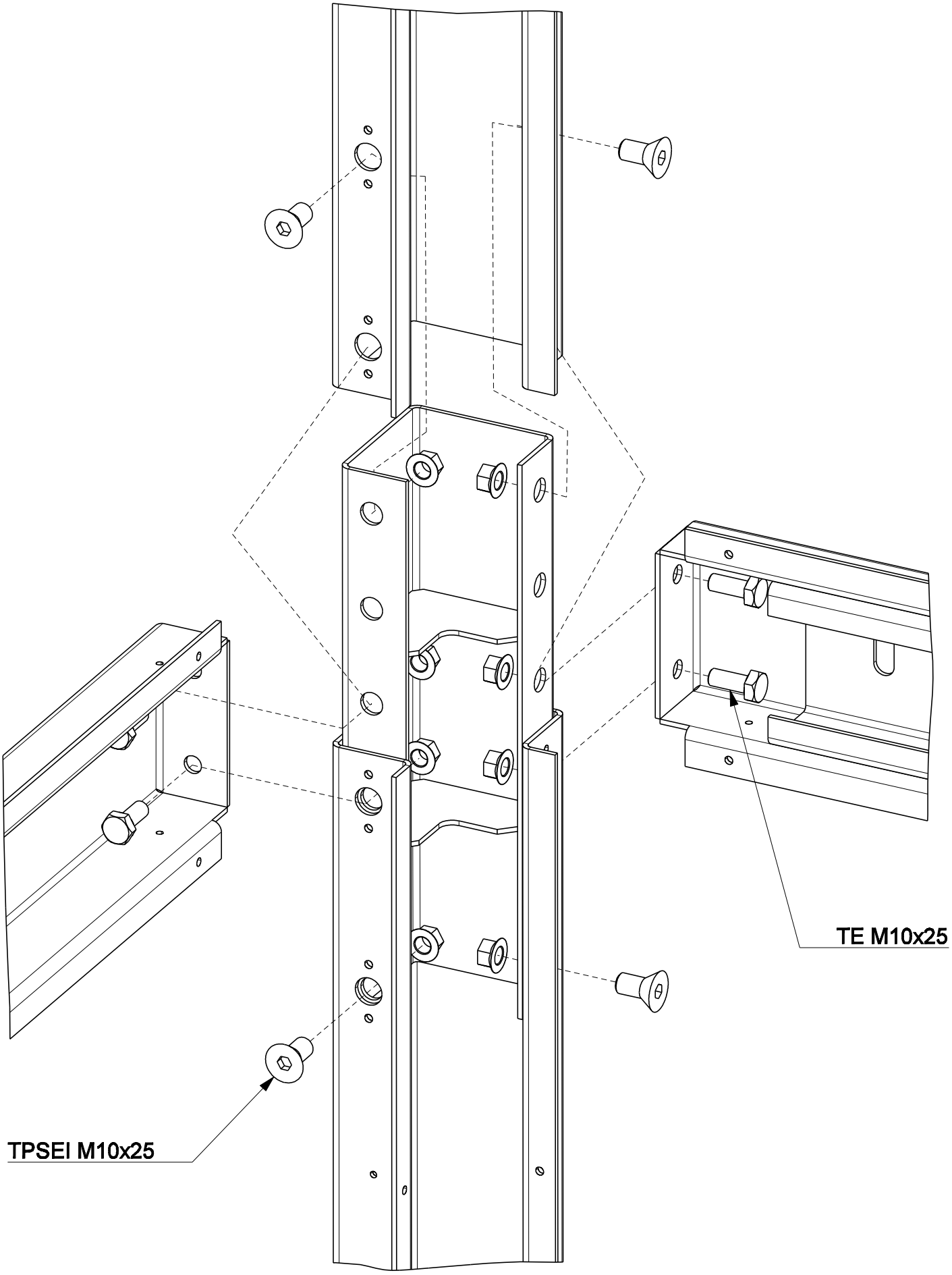




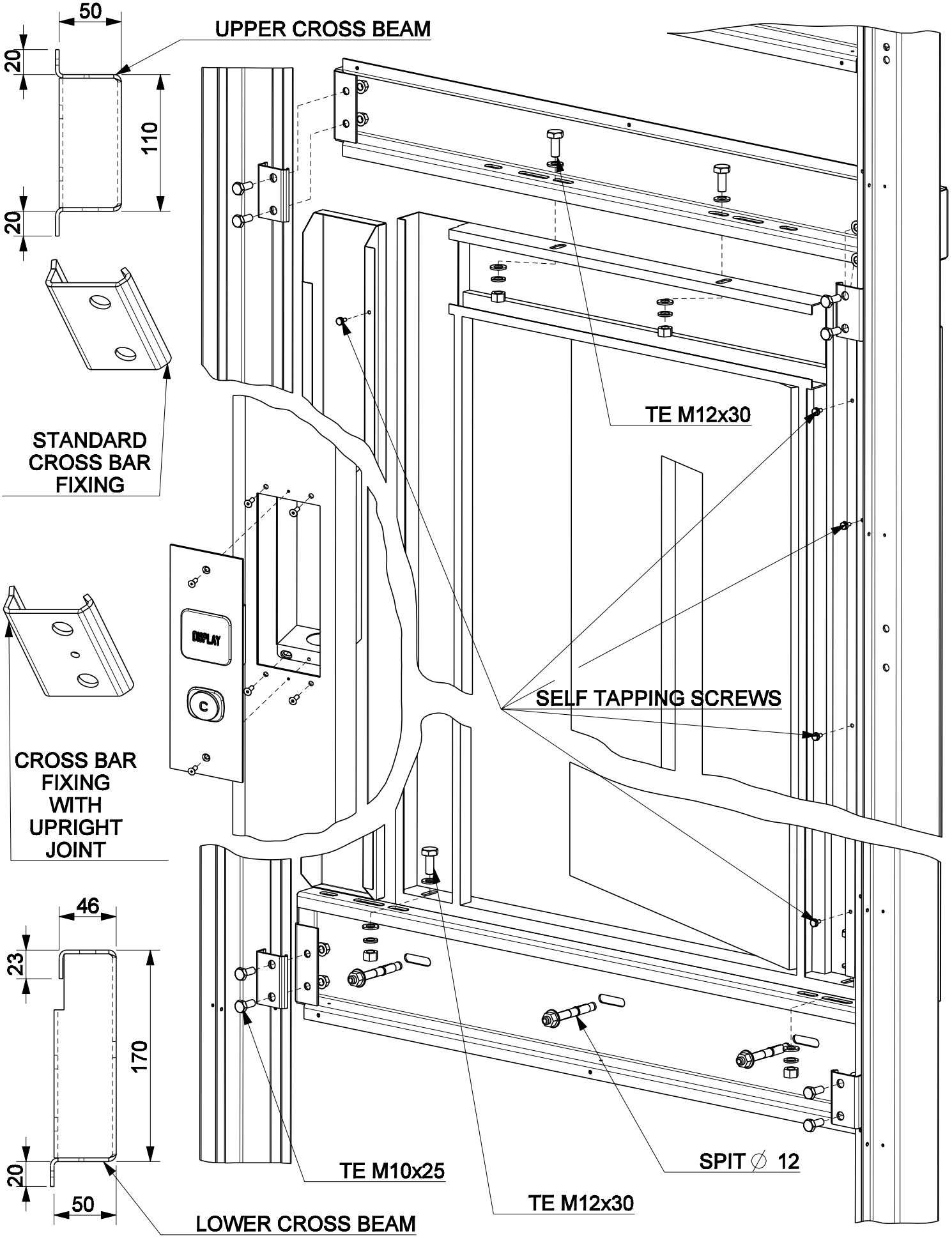


ENGLISH

UPRIGHT JUNCTION



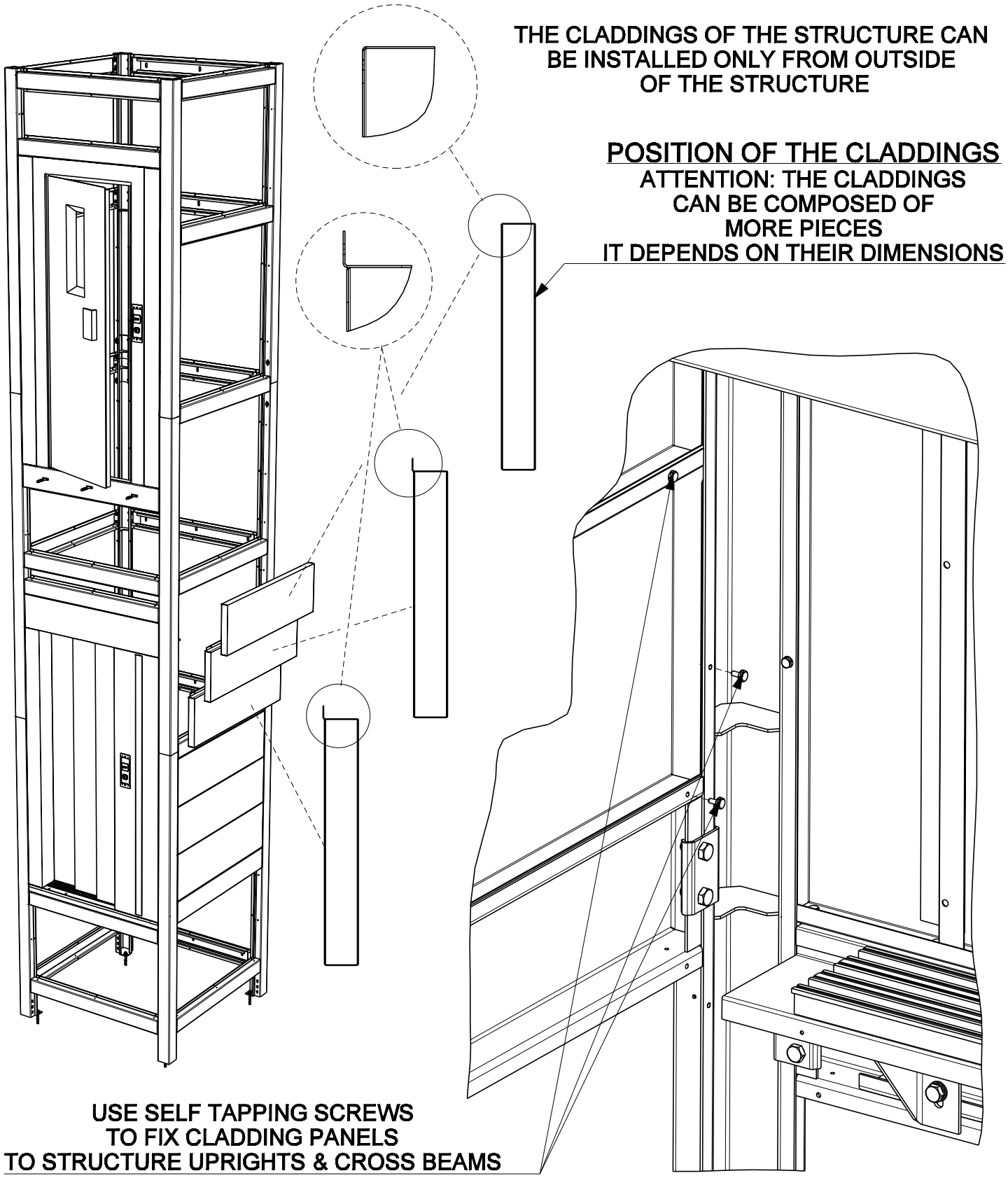
MANUAL LANDING HINGED DOOR



STRUCTURE FRAMEWORK STEEL CLADDING

ATTENTION

IF STRUCTURE FRAME IS EXPOSED PARTIALLY OR COMPLETELY IN ALL WEATHERS,
IT IS NECESSARY TO SEAL THE CRACKS WHICH MIGHT BRING SEEPAGE INSIDE
THE STRUCTURE (SEALANT IS NOT INCLUDED IN OUR SUPPLY)



THE CLADDINGS OF THE STRUCTURE CAN
BE INSTALLED ONLY FROM OUTSIDE
OF THE STRUCTURE

POSITION OF THE CLADDINGS
ATTENTION: THE CLADDINGS
CAN BE COMPOSED OF
MORE PIECES
IT DEPENDS ON THEIR DIMENSIONS

USE SELF TAPPING SCREWS
TO FIX CLADDING PANELS
TO STRUCTURE UPRIGHTS & CROSS BEAMS

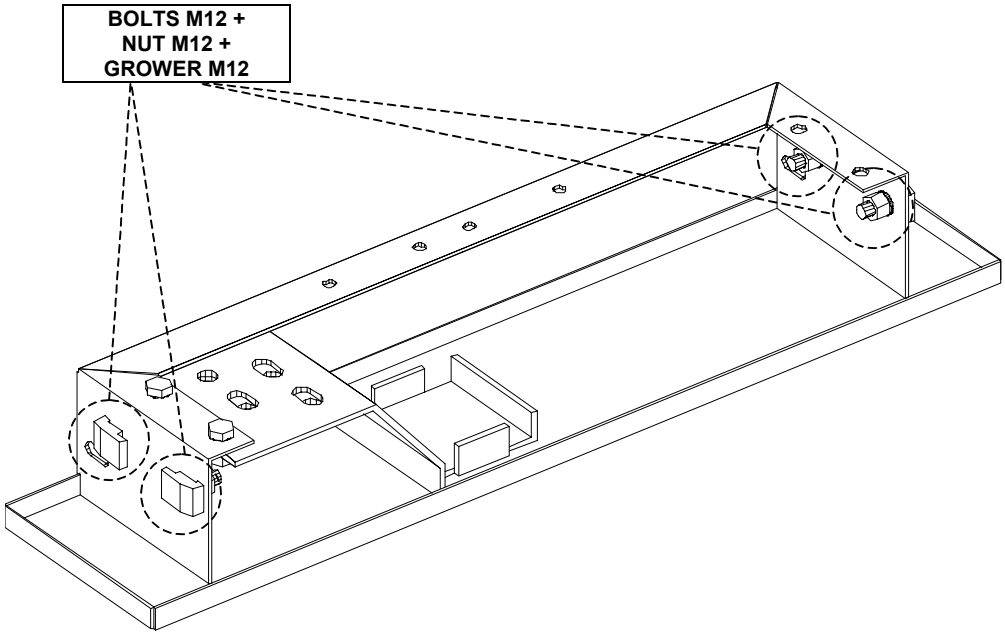
INSTALLATION SEQUENCE

STRUCTURE AND GUIDES INSTALLATION

THE INSTALLATION OF THE GUIDES SUPPORTING STRUCTURE IS VERY IMPORTANT TO OBTAIN A GOOD COMPLETE INSTALLATION. WE RECCOMEND TO FOLLOW CAREFULLY THE PRESENT INSTRUCTIONS IN SUCH A WAY THE GUIDES ARE PERFECTLY PLUM AND ARE CORRECTLY PLACED.

a) Check that the support (or the self-supporting framework; in this case the guides fixing upright is not present) for the guides fixing is perfectly plum. If there are something out of plumb in the shaft, they must be considered before the guides brackets installation. Some corrections can be performed by means of slots of around 2 cm present on the uprights.

b) Place the pit frame - establishing the correct position of the axis as per shopdrawing – and check that the distance between the support (or self supporting framework) upright and the landing door position is correct.

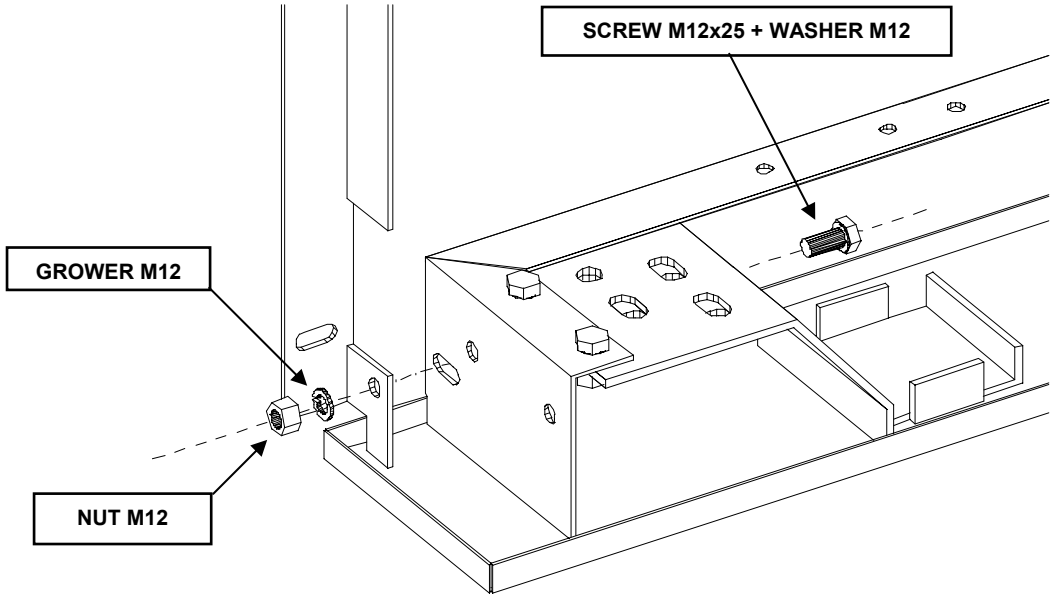


THIS PHASE IS VERY IMPORTANT TO AVOID ANY COMPLICATION DURING THE CABIN INSTALLATION AND GETTING A CORRECT DISTANCE BETWEEN THE CABIN SILL AND THE LANDING SILL.

INSTALLATION SEQUENCE

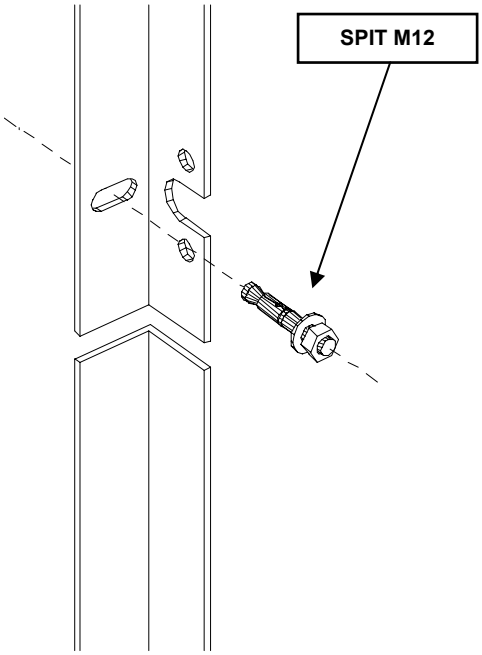
STRUCTURE AND GUIDES INSTALLATION

c) Start the installation of the brackets fixing uprights, placing the starting couple over the pit frame. This starting couple is different from the other ones for the specific downward recesses necessary for the oil collector bucket and the oil pipes. Use the supplied SPIT M12 for concrete, respecting the step pointed out by the shopdrawing (normally 1500 mm).



d) Proceed along the shaft with the standard uprights, placing pieces cut of the right measure as last ones.

THE UPRIGHTS ARE SUPPLIED FOR THE WALL MOUNTED VERSION ONLY – THERE ARE NOT PRESENT IN SELF SUPPORTING STRUCTURE

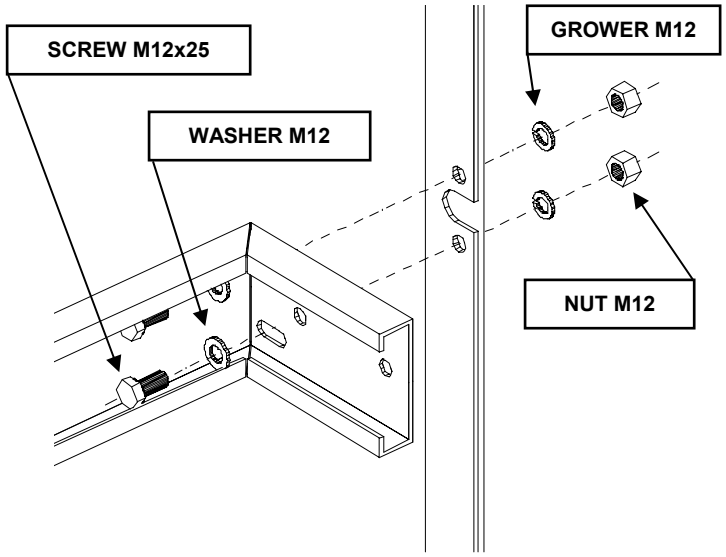


INSTALLATION SEQUENCE

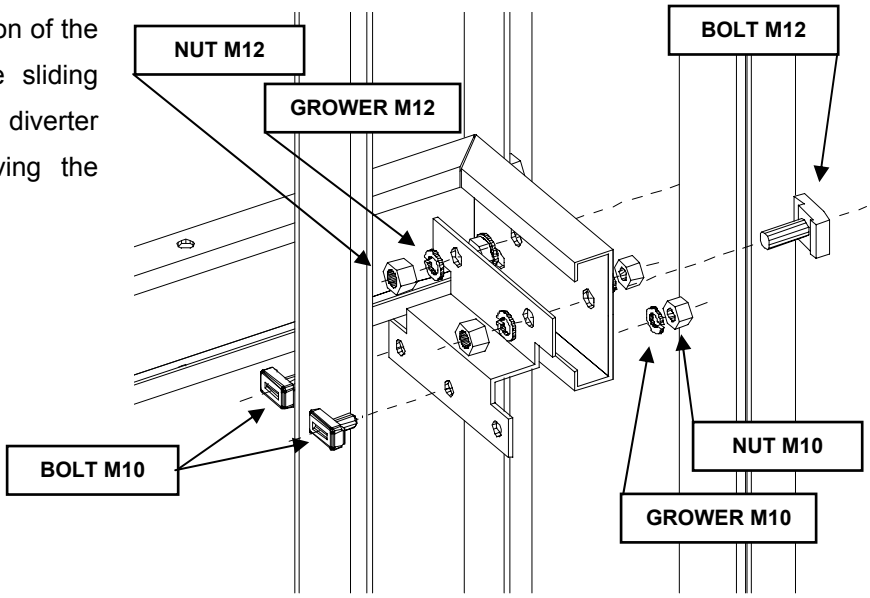
STRUCTURE AND GUIDES INSTALLATION

e) Proceed as follows:

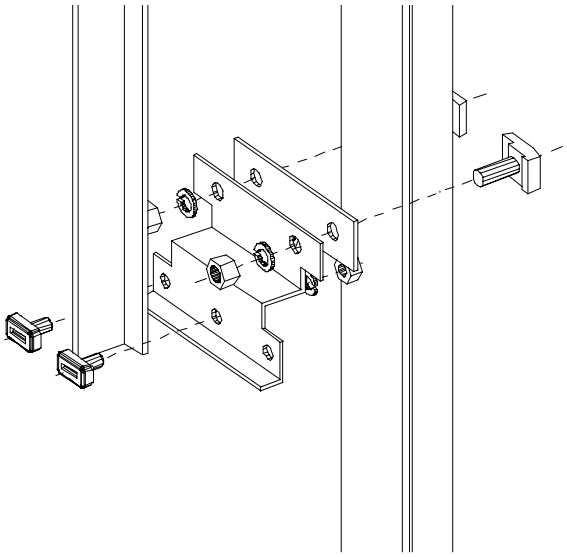
1. Install the guides support brackets respecting the step pointed out by the shopdrawing. Before definitely tightening the brackets, check if they are perfectly plumb.



2. Proceed with the installation of the cabin guides, having the sliding side outward. Install the diverter pulley frame guides having the sliding side inward.



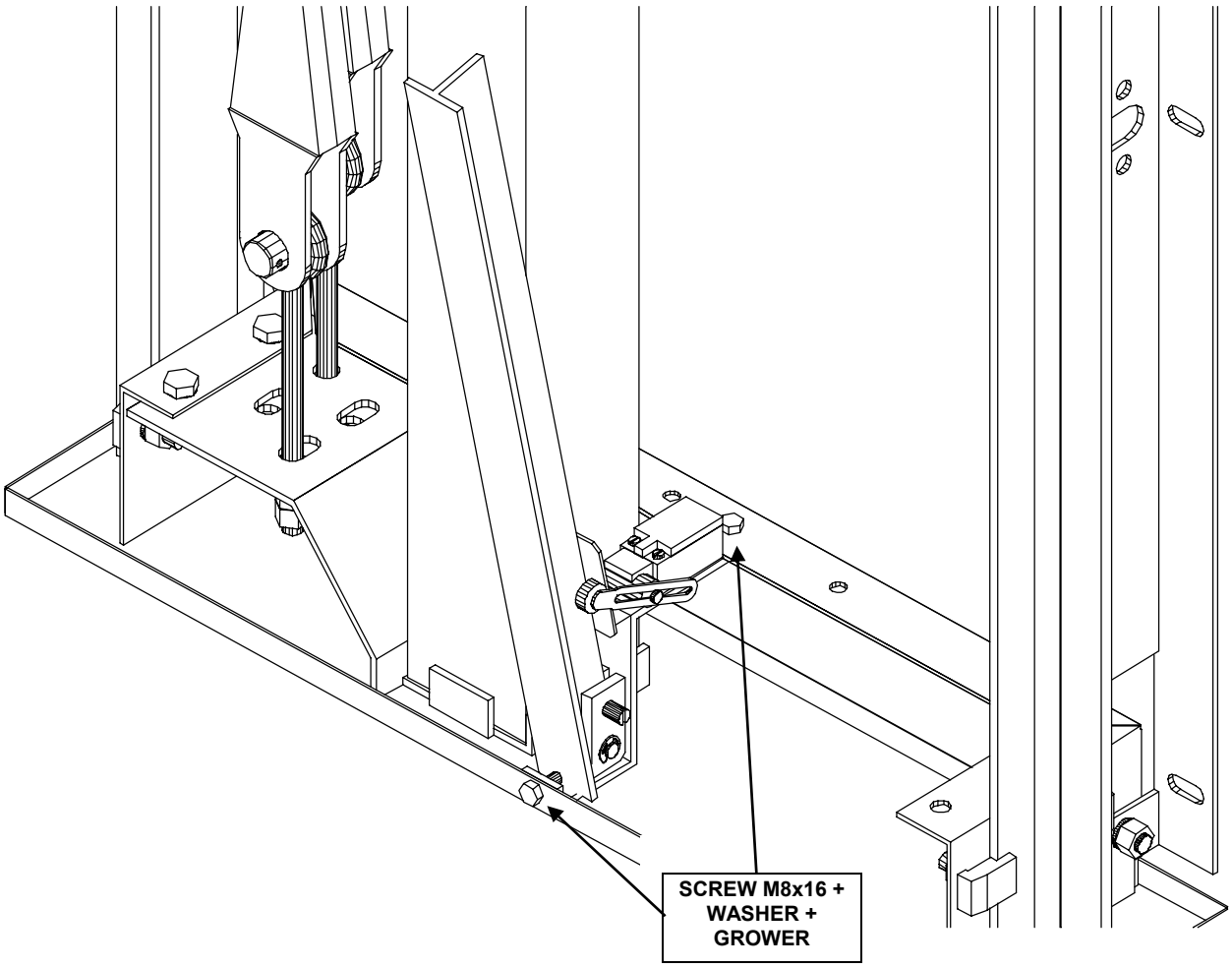
3. The diverter pulley frame guides have to be supported by a specific starting bracket, with a side for supporting the guides and a spacer.



INSTALLATION SEQUENCE

STRUCTURE AND GUIDES INSTALLATION

f1) Install the mechanic props as following pictures:

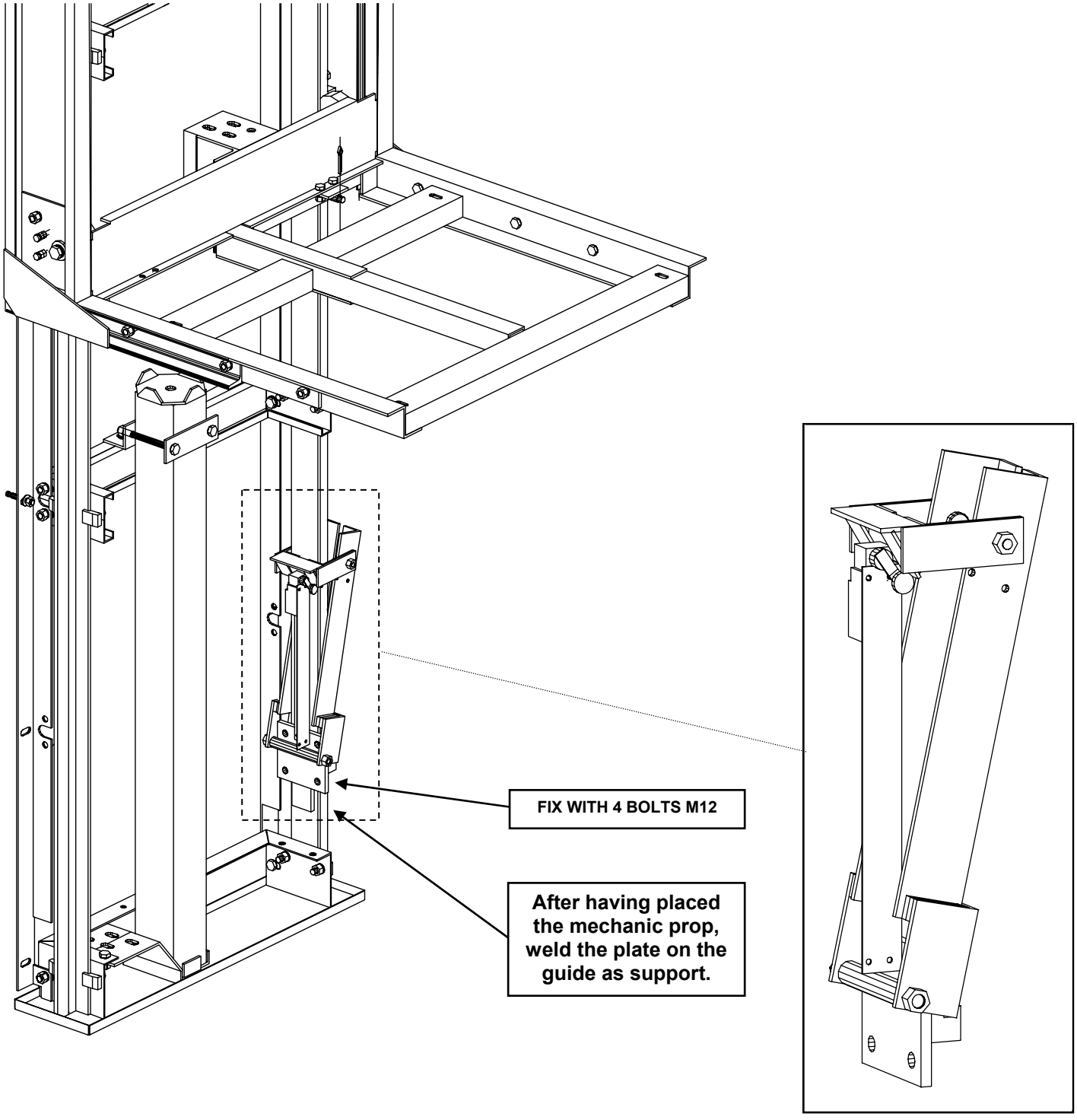


MECHANIC PROP IN ON POSITION (= OPEN SWITCH)

INSTALLATION SEQUENCE

STRUCTURE AND GUIDES INSTALLATION

f2) Only for the Model M (Mignon) with reduced DBG, install the mechanic prop on the guide.



MECHANIC PROP IN ON POSITION (installed)

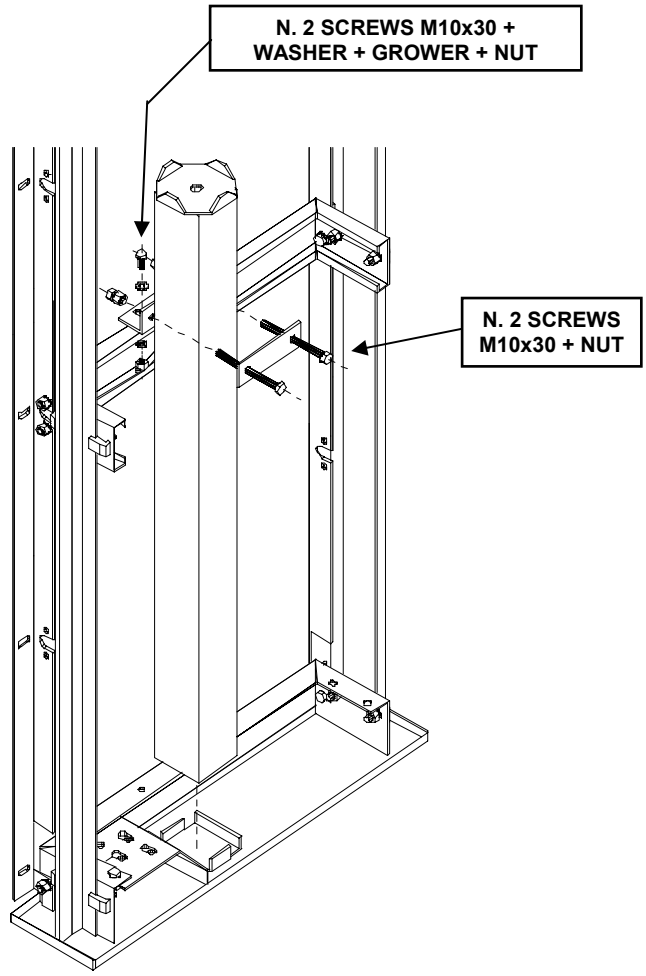
(detail)

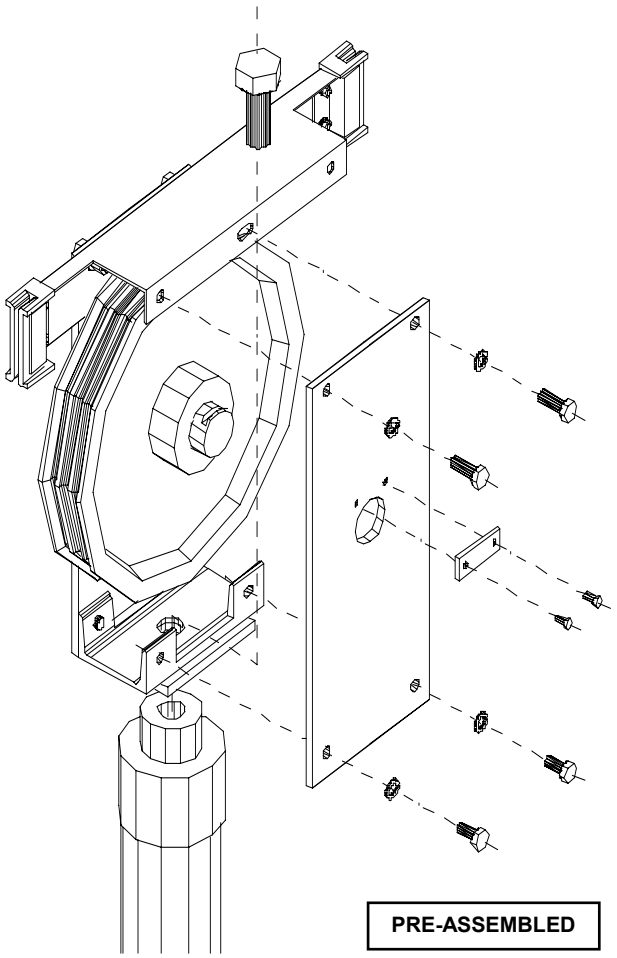
INSTALLATION SEQUENCE

PISTON SUPPORT – PISTON – DIVERTER PULLEY FRAME

a) Place and block the ropes attachments on the pit frame in right or left position. Then place the piston support in the corresponding housing and block it to the guides support cross-bar by means of the specific fixing bracket (not for piston support of 250 mm).

NOT FOR 250 MM PISTON SUPPORT

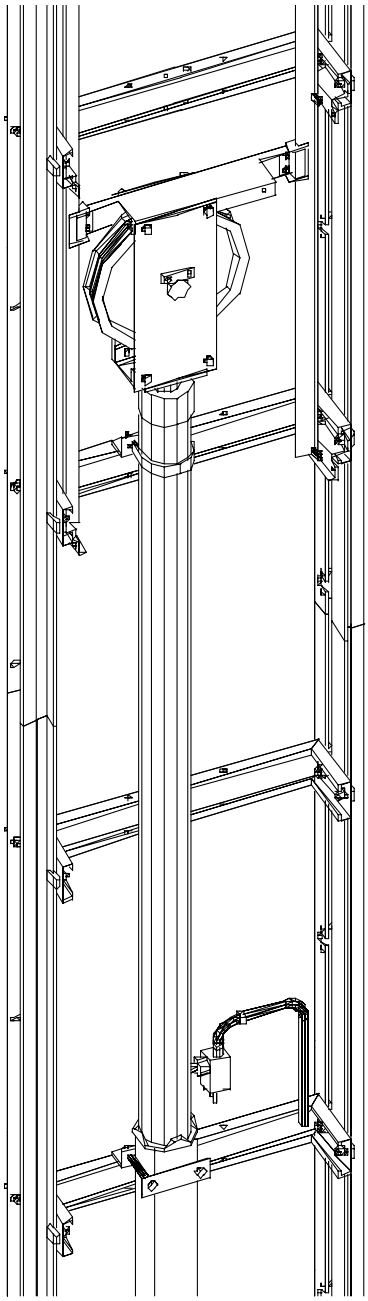




b) Montare l'arcatina sul pistone togliendo la piastra frontale e fissando l'arcatina con l'apposito bullone già fissato sulla sommità dello stelo.

INSTALLATION SEQUENCE

PISTON SUPPORT – PISTON – DIVERTER PULLEY FRAME



c) Remove the shoes and their support from the diverter pulley frame and install that frame over the piston. Then place the piston over the piston support and block it with the bracket to the corresponding cross-bar. The safety valve of the piston must be located in the rope attachments side in order to arrange properly the junction of the oil pipe without interference with the moving components.

d) Re-insert the frame shoes, tune them and later block them with their supports.

CHECK CAREFULLY THAT THE PISTON IS PERFECTLY PLUMB.

INSTALLATION SEQUENCE

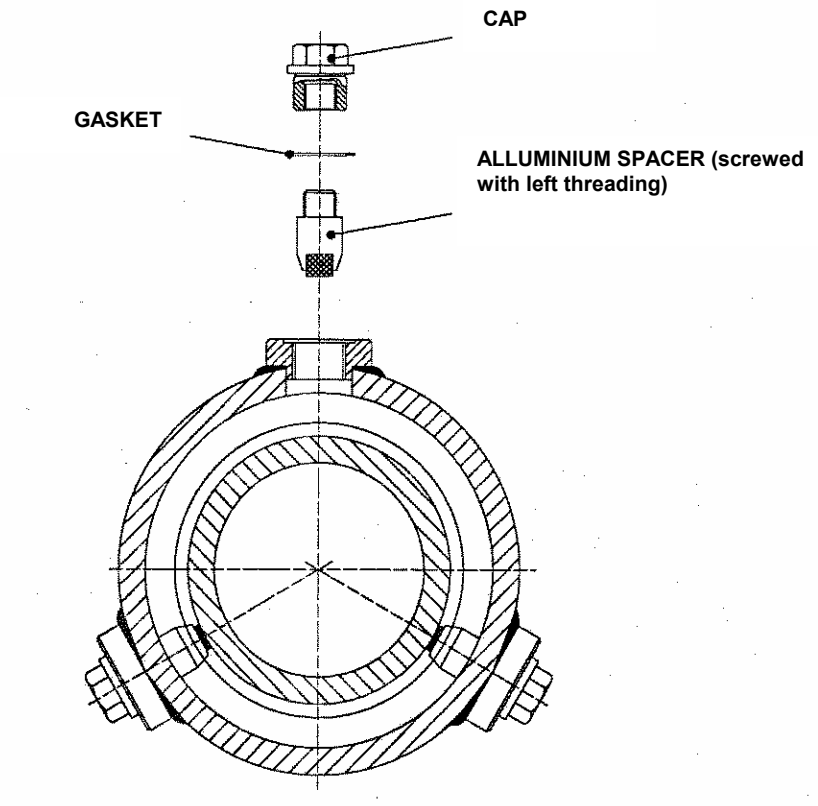
REMOVING OF THE PISTON PROTECTION LOCKS

☝	**WARNING: WITH ALGI'S PISTONS ONLY**

In the case of high travels, in order to prevent damages during the transport, some locks are welded. Those locks are welded to the piston and they have some aluminium spacers (look at the drawing).

The aluminium spacers keep centred the ram with respect to the cylinder. They must be taken out before proceeding with the operation or installing into the piston well.

After removing the spacers, re-insert the caps and tight them strongly.



☝	**IF YOU DON'T REMOVE THE LOCKS, THEY WILL BE CUT OUT BY THE RAM DURING THE FIRST OPERATION, CAUSING PERMANENT DAMAGES .**

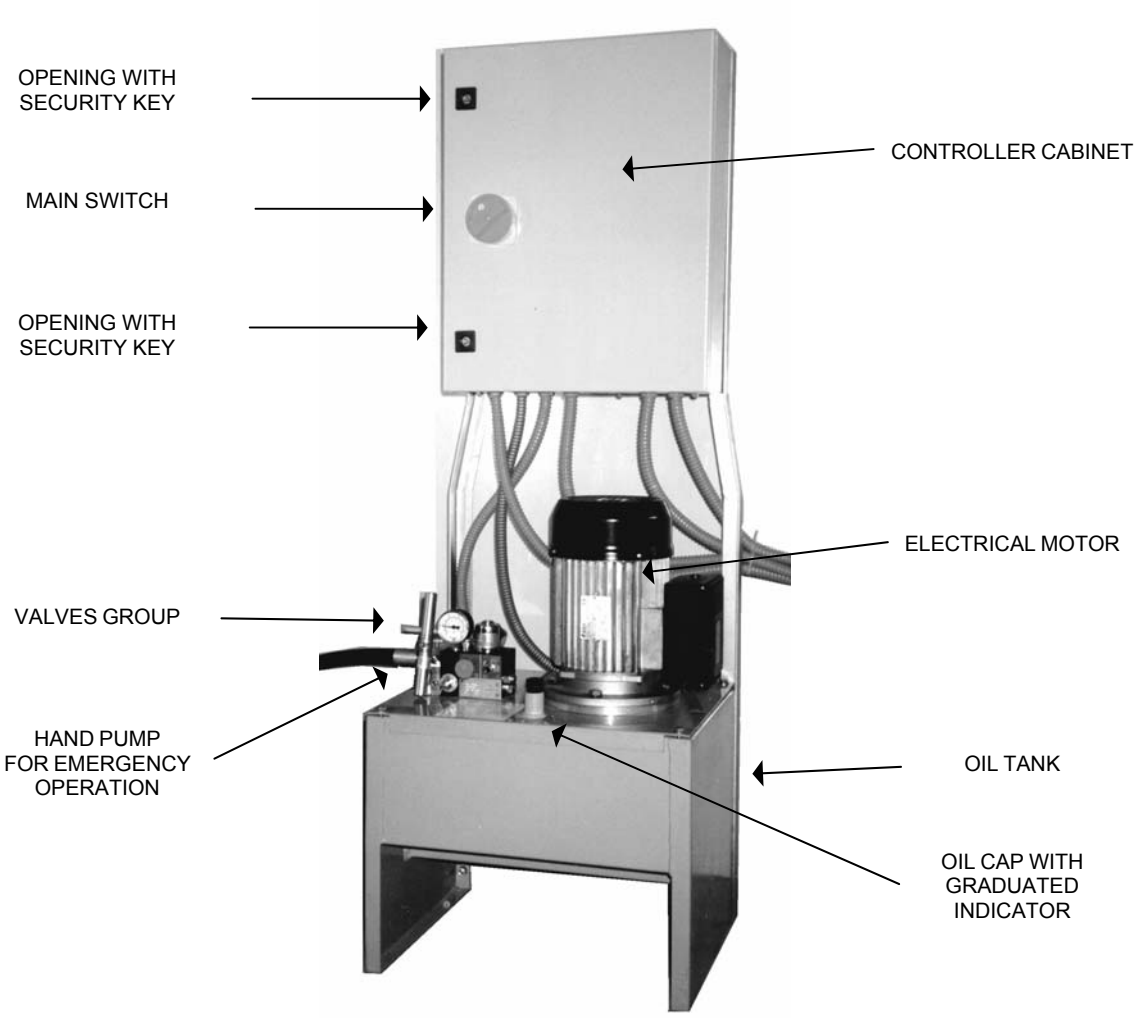
INSTALLATION SEQUENCE

PUMP UNIT AND PIPES

a) Place the Pump Unit as per drawing PIT LAY-OUT AND MACHINE ROOM.

b) Make the electrical connections between the Pump Unit and the Main Circuit Breaker pre-installed by the Client in according to the unit electrical drawing.

c) Install the oil pipe between the Pump Unit valves and the Piston safety valve.



INSTALLATION SEQUENCE

CONTROLLER

ONLY FOR CONTROLLER UNIT NOT PRE-ASSEMBLED TOGETHER WITH PUMP UNIT

a) Place the Controller cabinet as per drawing PIT LAY-OUT AND MACHINE ROOM.

b) Connect the Controller to the Pump Unit in according to the electrical drawing included.

BE SURE THAT THE MOTOR IS TURNING IN THE RIGHT DIRECTION.

INSTALLATION SEQUENCE

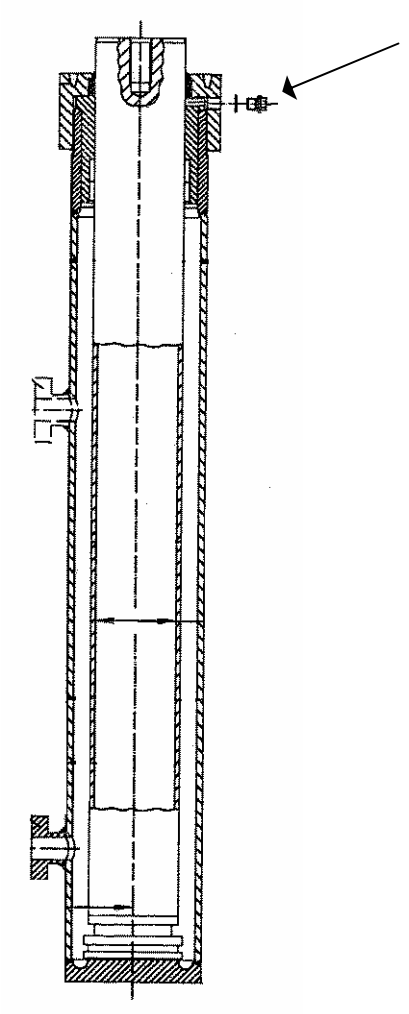
PISTON AIR LEAKING

In order to leak the piston, follow the hereby instructions:

Bring a little bit up the piston. Untight the leaking screw pointed out in the drawing; keep it unscrewed until the oil comes out without air bubbles.

WARNING: THIS OPERATION CAUSES THE FALL OF THE PISTON

You can perform a good result repeating the above operation more times. This operation must be performed the latest time at the end of the installation, before the release of the unit.

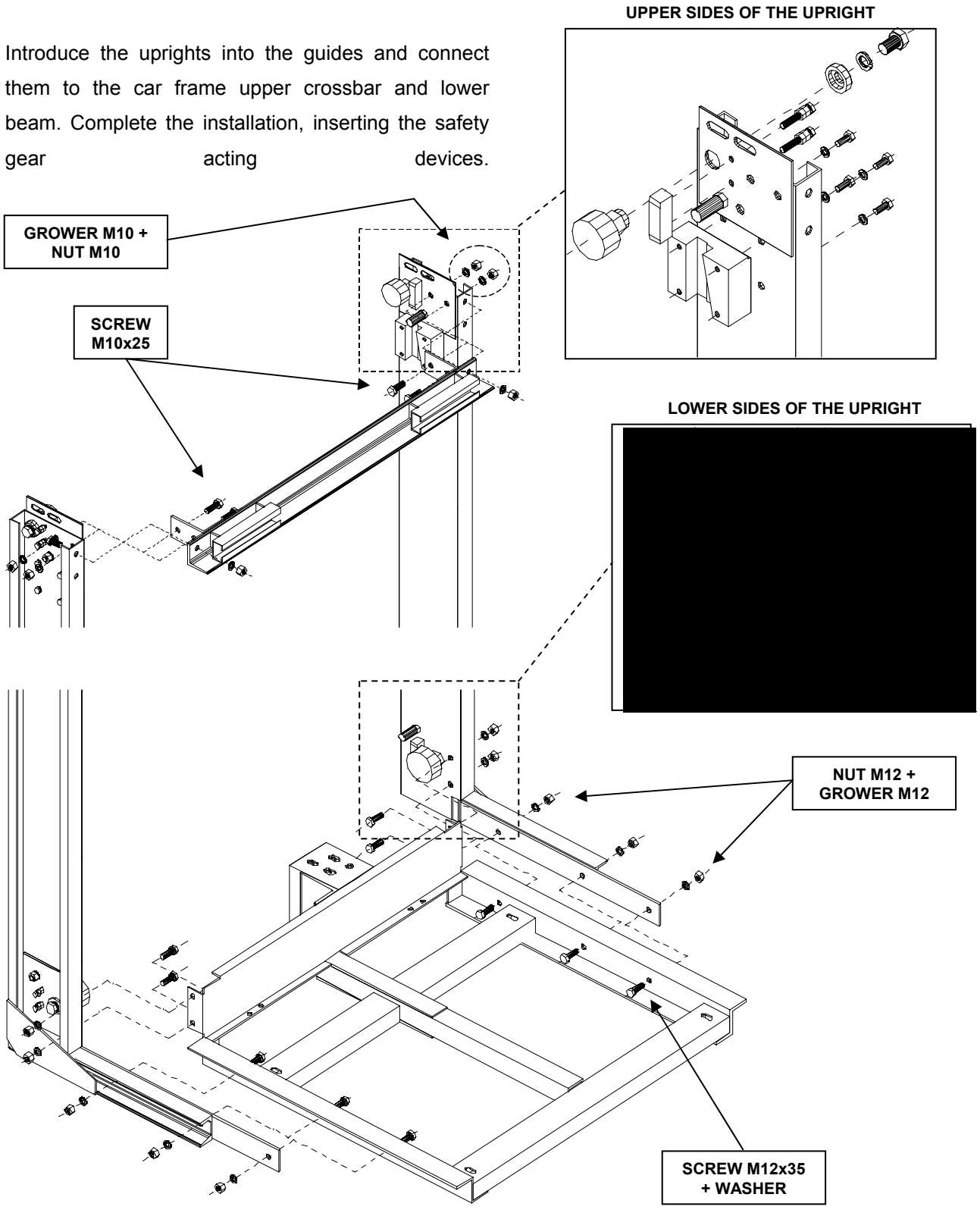


INSTALLATION SEQUENCE

CAR FRAME

a) Install all the accessories (wheels, shoes, safety gears and pin) on the upper and lower sides of the uprights (see figures in detail).

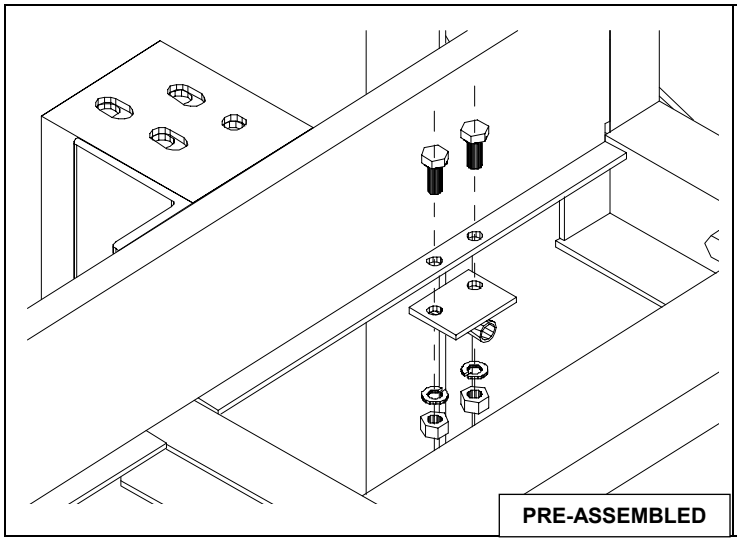
b) Introduce the uprights into the guides and connect them to the car frame upper crossbar and lower beam. Complete the installation, inserting the safety gear acting devices.



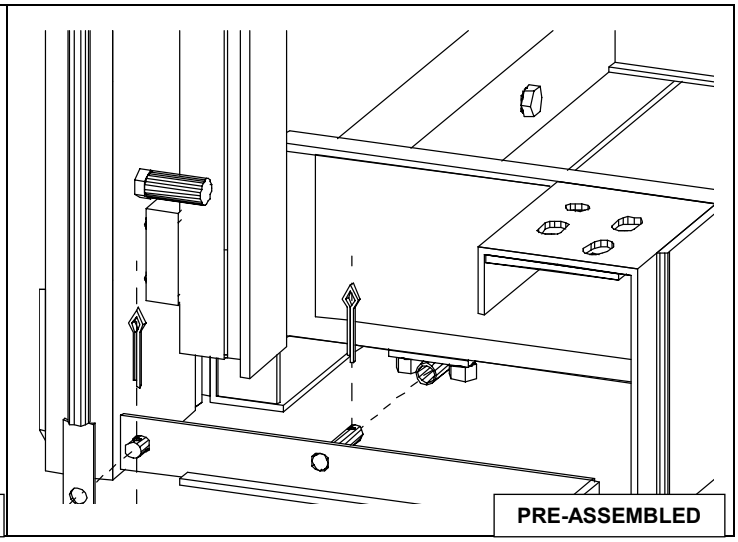
INSTALLATION SEQUENCE

CAR FRAME

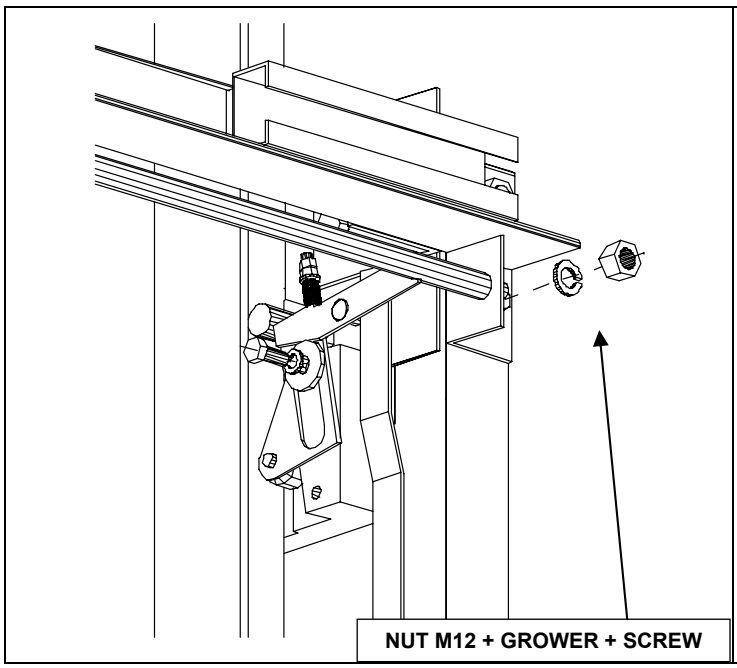
c) Perform the assembling of the safety gear acting devices as listed in following pictures.



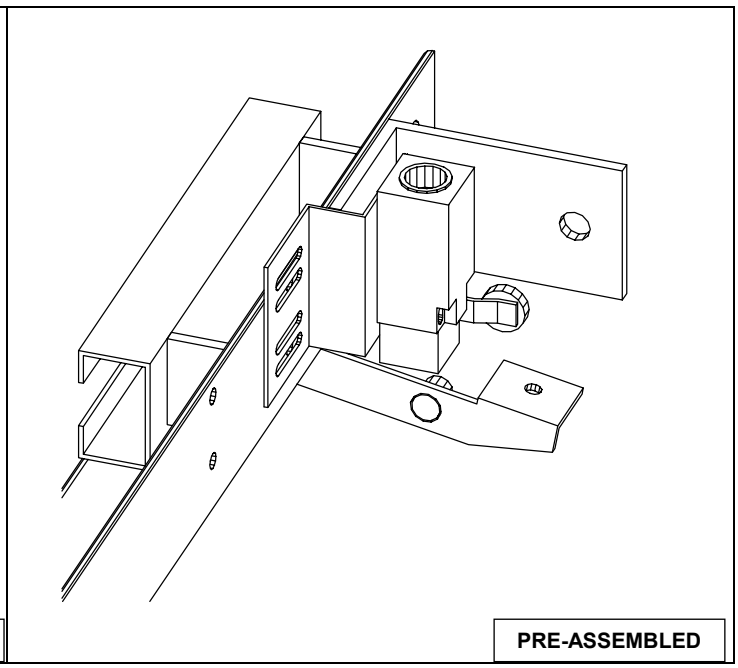
PRE-ASSEMBLED



PRE-ASSEMBLED



NUT M12 + GROWER + SCREW



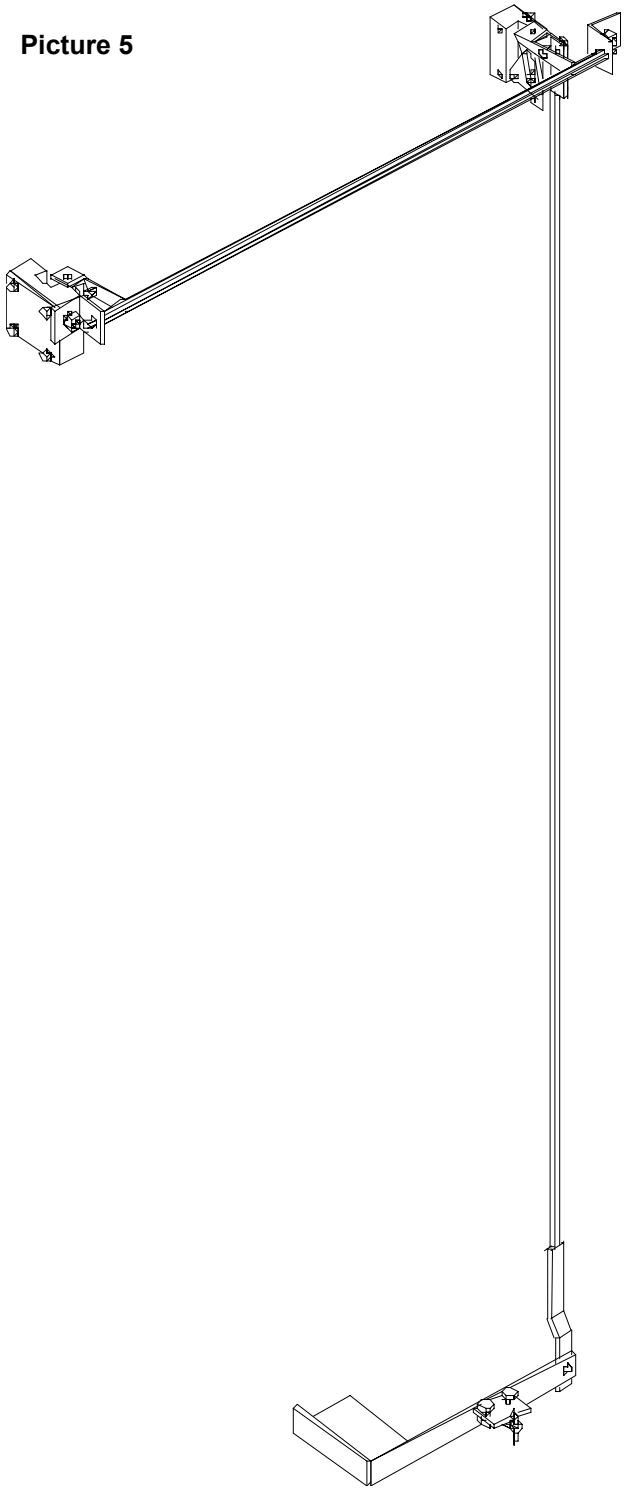
PRE-ASSEMBLED

INSTALLATION SEQUENCE

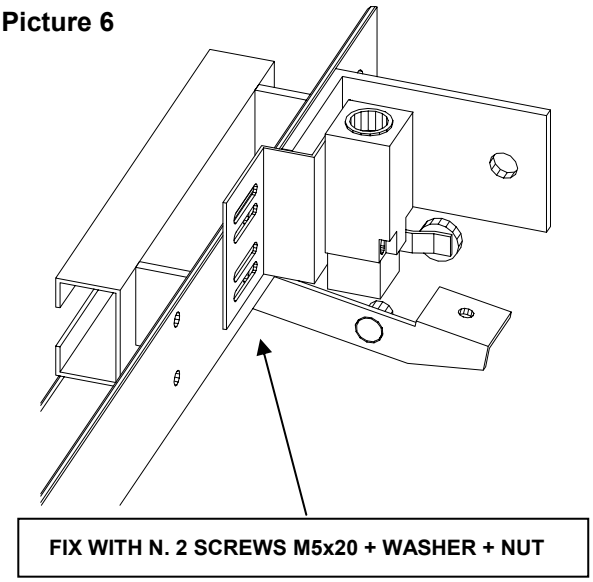
CAR FRAME

d) Control that the safety gear acting devices (Picture 5) are perfectly functioning and that are correctly acting on the guides and the electrical contact (Picture 6) by means of the vertical connection rod, acted by the lever under the slack rope device (Picture 7).

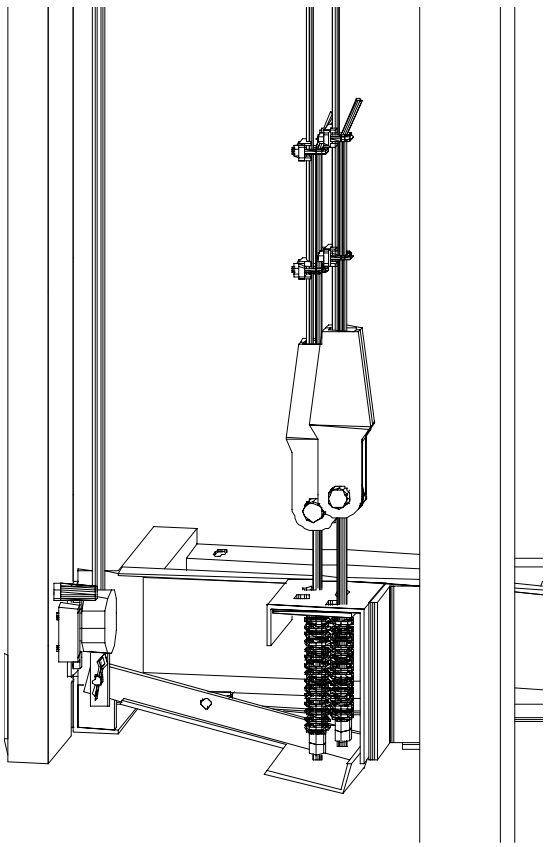
Picture 5



Picture 6



Picture 7



INSTALLATION SEQUENCE

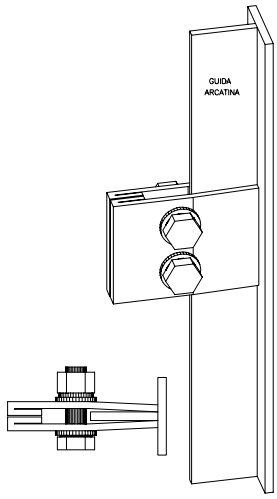
LIFT ATTACHMENT TO THE ROPES

a) By means of the commands on the controller, bring the piston in the top position. We consider the following standard over travel parameters, having pit = 200 mm and overhead = 2400 mm.

upper cabin over travel = 100 mm (upper piston over travel = 50 mm);
lower cabin over travel = 30 mm (lower piston over travel = 15 mm);

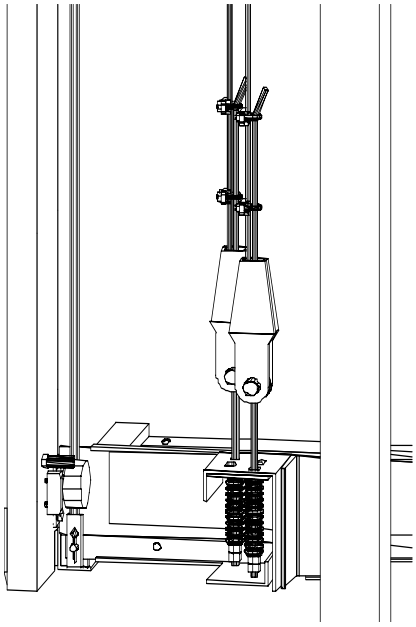
b) Bring the piston down to a hight = travel/2 + 50 + 15; with this piston position, the cabin will be in lower extra travel. At this point fix the ropes attachments keeping in mind the following warnings:

Install the piston fixing bracket (look at the right Picture) on the diverter pulley frame guides, 10 mm under the position of the frame itself, having the cabin in lower extra-travel.



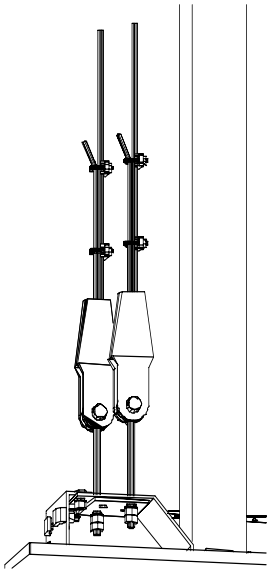
WARNINGS:

Picture 1



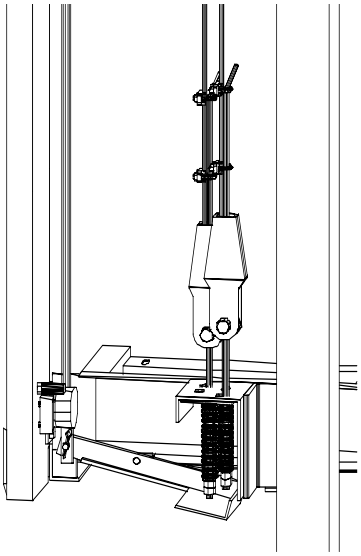
1. Working on the specific bolts, place the ropes attachments (side car frame) in such a way they operate correctly on the safety gear acting lever (Picture 2, lever ON).

Picture 3



2) Place the attachments on the pit frame, in such a way you can stretch the ropes with the specific bolts (Picture 3)

Picture 2



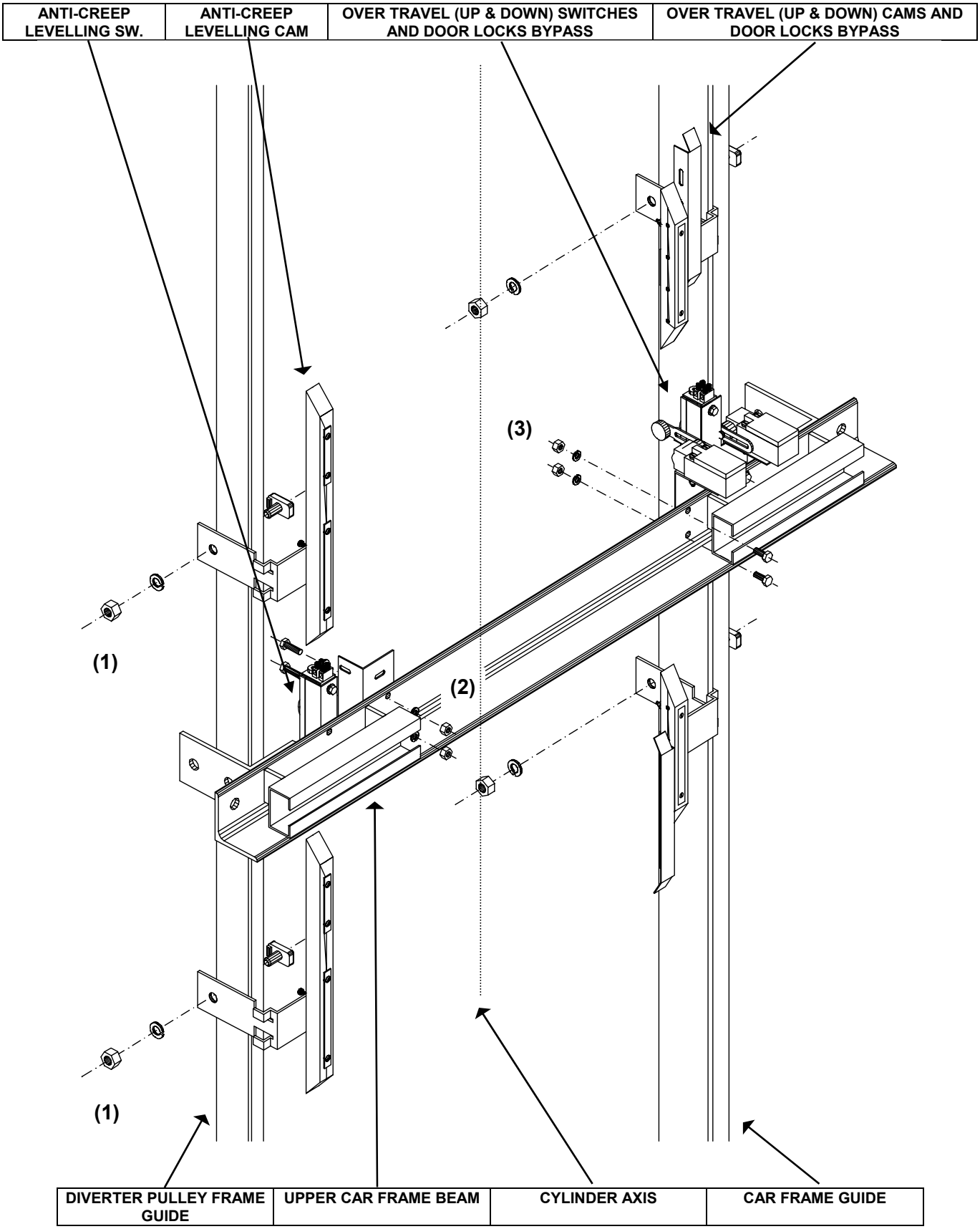
REMARK:

in case of pit greater than 200 mm and overhead greater than 2400 mm, in order to determinate the cabin position in lower extra travel bring down the piston to the height:

(travel + upper extra travel + lower extra travel) / 2

INSTALLATION SEQUENCE

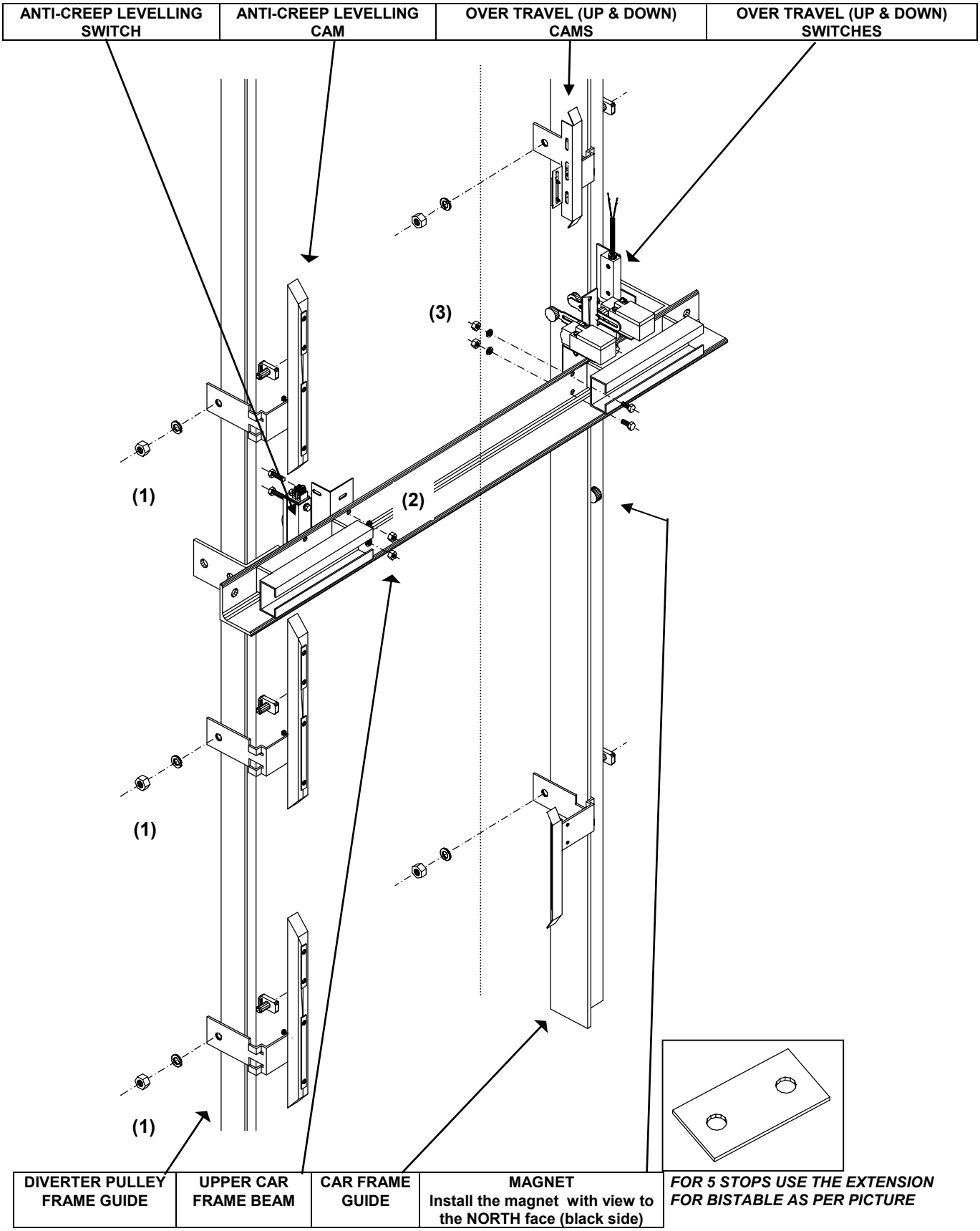
ELECTRICAL SHAFT COMPONENTS FOR 2 STOPS



(1) BOLT M10 + GROWER + NUT (2) SCREWS M5 + NUT (3) SCREW M5 + GROWER + NUT

INSTALLATION SEQUENCE

ELECTRICAL SHAFT COMPONENTS FOR 3 - 4 - 5 STOPS

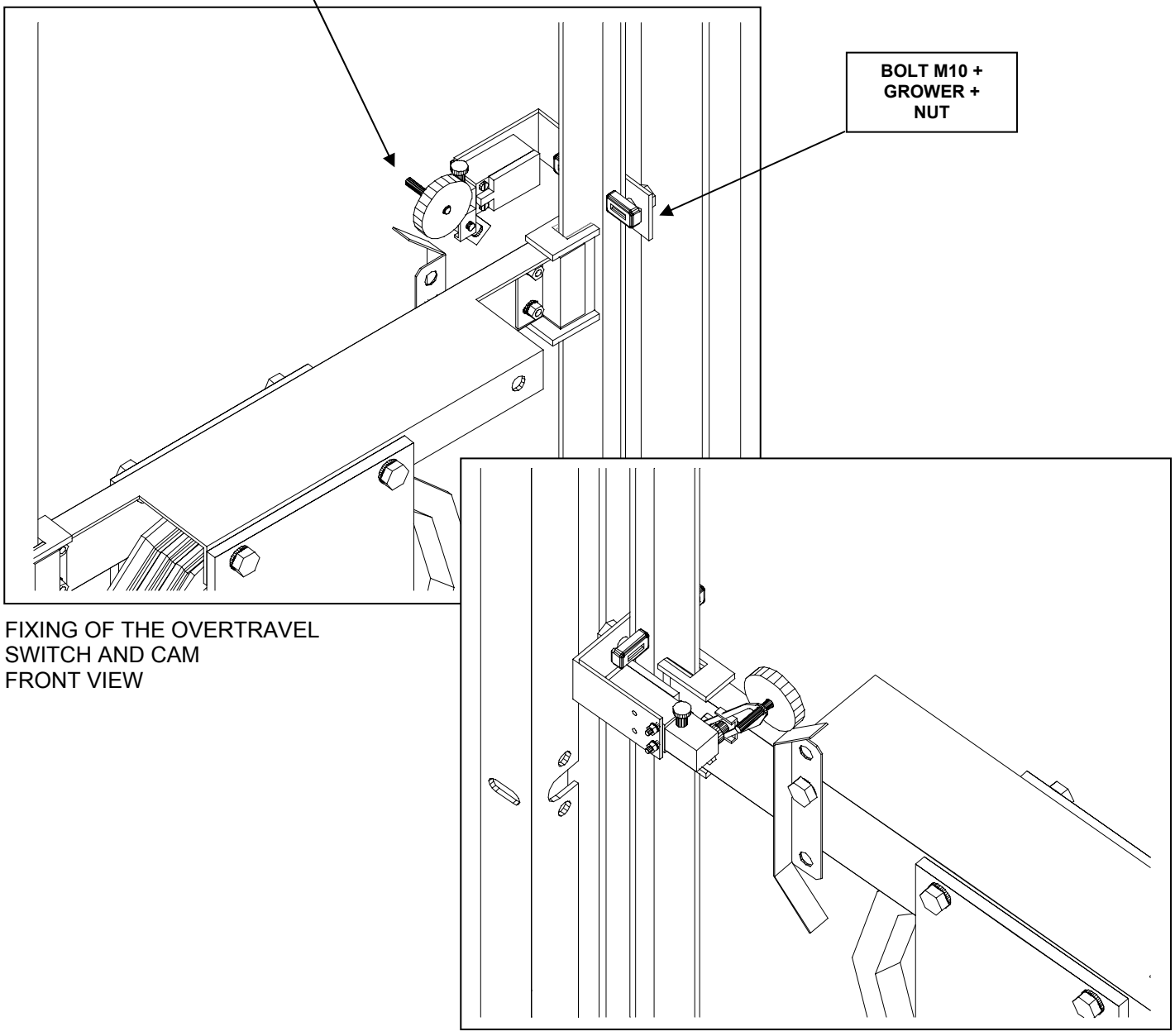


(1) BOLT M10 + GROWER + NUT **(2) SCREWS M5 + NUT** **(3) SCREW M5 + GROWER + NUT**

INSTALLATION SEQUENCE

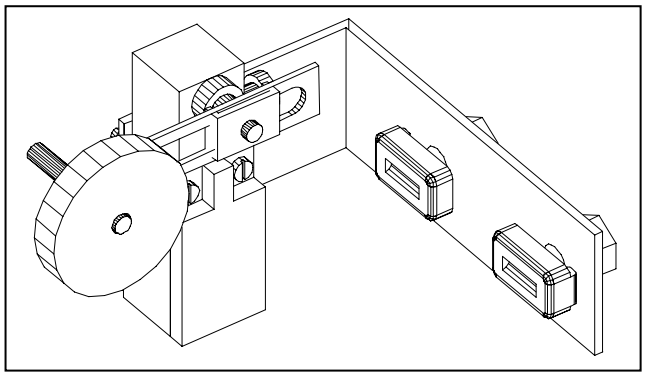
OVER TRAVEL SET

OVER TRAVEL SWITCH	OVER TRAVEL SWITCH SUPPORT	DIVERTER PULLEY FRAME GUIDE



FIXING OF THE OVERTRAVEL
SWITCH AND CAM
FRONT VIEW

FIXING OF THE OVERTRAVEL
SWITCH AND CAM
BACK VIEW



DETAIL OF THE OVERTRAVEL SWITCH FIXING
FOR CAR FRAME WITH REDUCED DBG

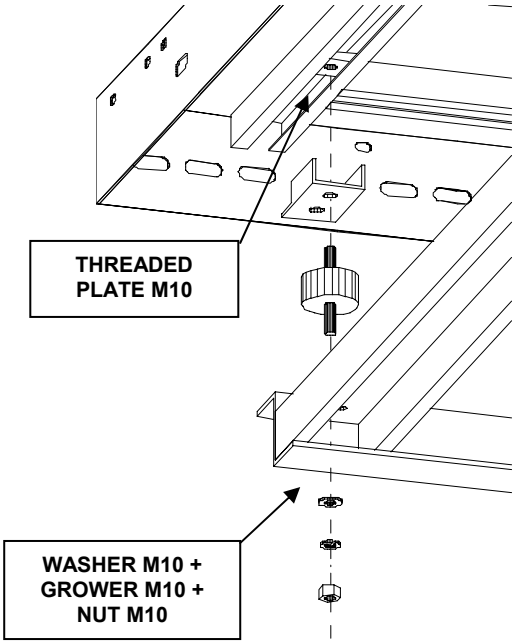
INSTALLATION SEQUENCE

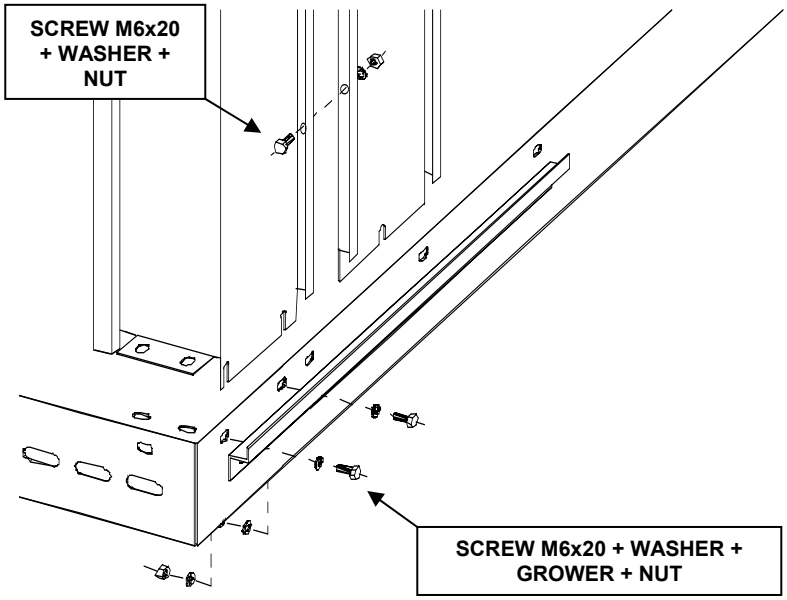
CABIN

a) Fix the specific “L” supports on the buffers and place them in the slots of the car frame beam.

b) Lean and fix the cabin ground on the car frame beams, inserting the “C-E” ground reinforcements into the “L” buffers supports.

c) Take care to tighten the fixing car frame ground bolts after you have placed correctly the cabin ground with respect to the landing doors (the slots and the buffer supports leave a clearance of around 2 cm).





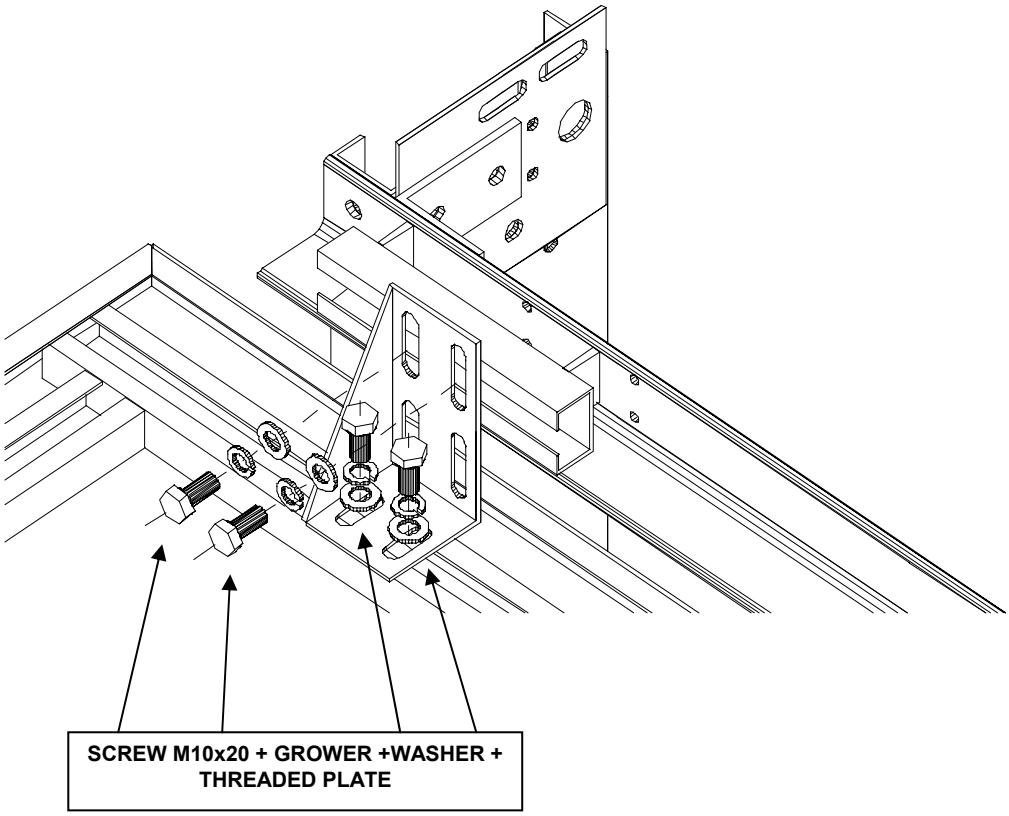
d) Place the “Z” profiles on the boundary of the cabin ground, without tightening the bolts; insert the cabin walls between those profiles and the cabin ground, paying attention that the walls open slots and the bolts on the ground are coincident. Then inter-fix the cabin walls by means of 2 bolts.

INSTALLATION SEQUENCE

CABIN

e) Proceeding in the same way used for the ground, insert the cabin ceiling. Fix all the bolts, taking care that the cabin elements are at right angles.

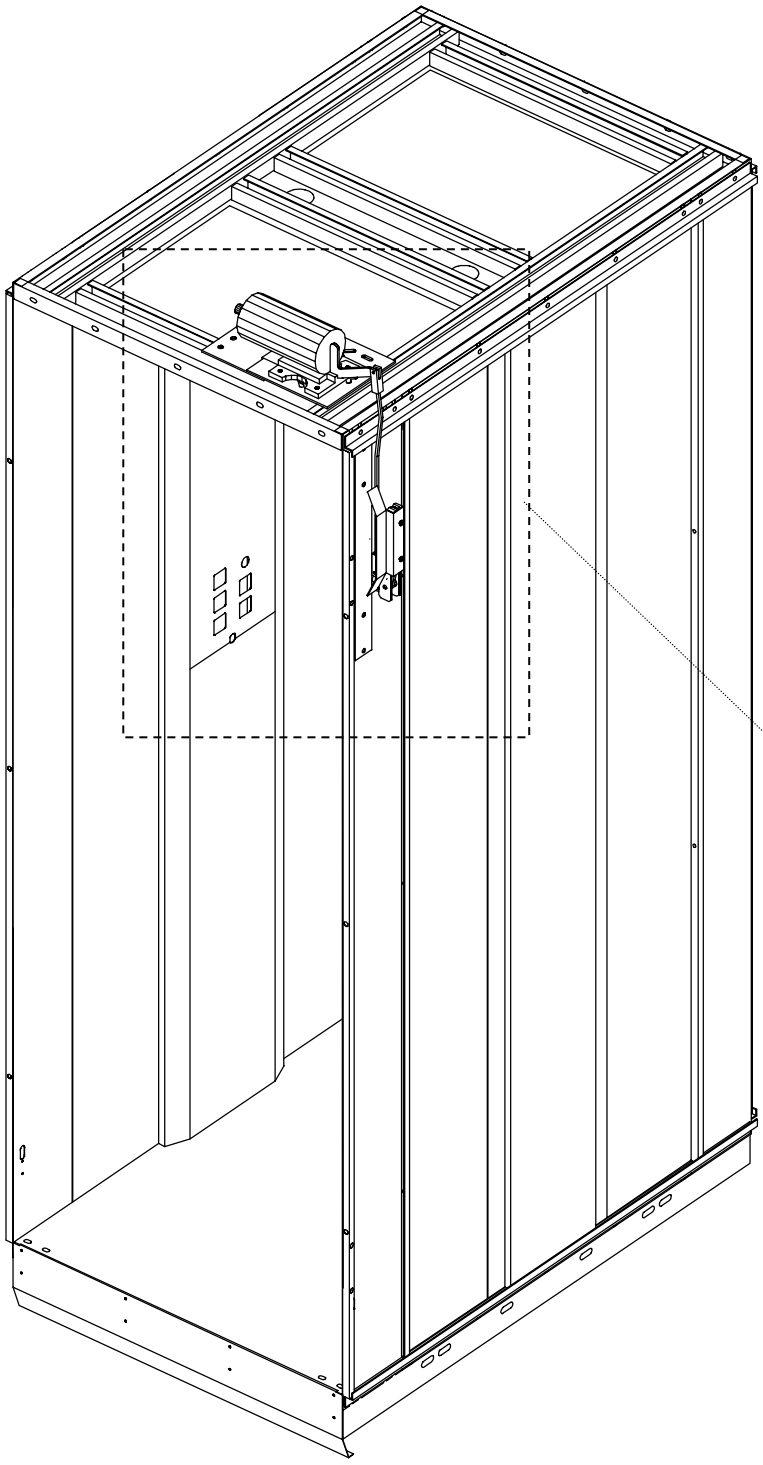
f) Then fix the cabin to the upper car frame crossbar by means of the specific brackets.

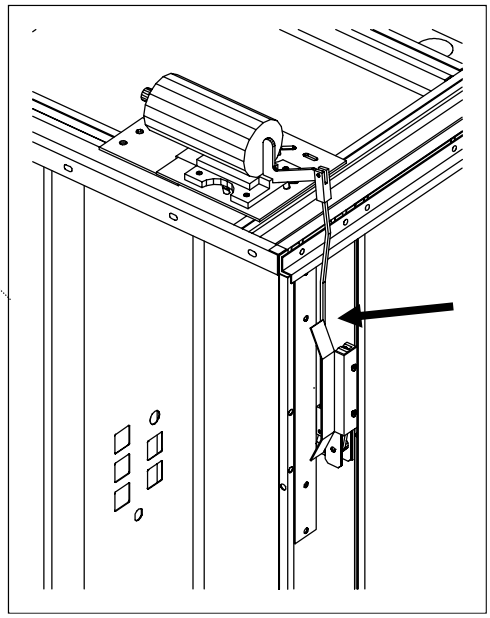


INSTALLATION SEQUENCE

CABIN

g) In case of 3, 4 o 5 stops, install the retiring cam as per following picture:





- PUNCH THE CABIN WALL (HIDE THE HOLE WITH THE CABIN CROSS-BAR)
- FIX THE RETIRING CAM BY MEANS OF SCREW M8x20 + WASHER + NUT

FIX THE ELECTROMAGNET AND THE CAM BY MEANS OF THE SCREWS ALREADY PRE-MOUNTED

INSTALLATION SEQUENCE

TRAVELLING CABLE AND CABIN'S ELECTRICAL EQUIPMENT

a) Place the cables as per following tables.

b) Connect the travelling cable and the other cables as per the pointed out labelling.

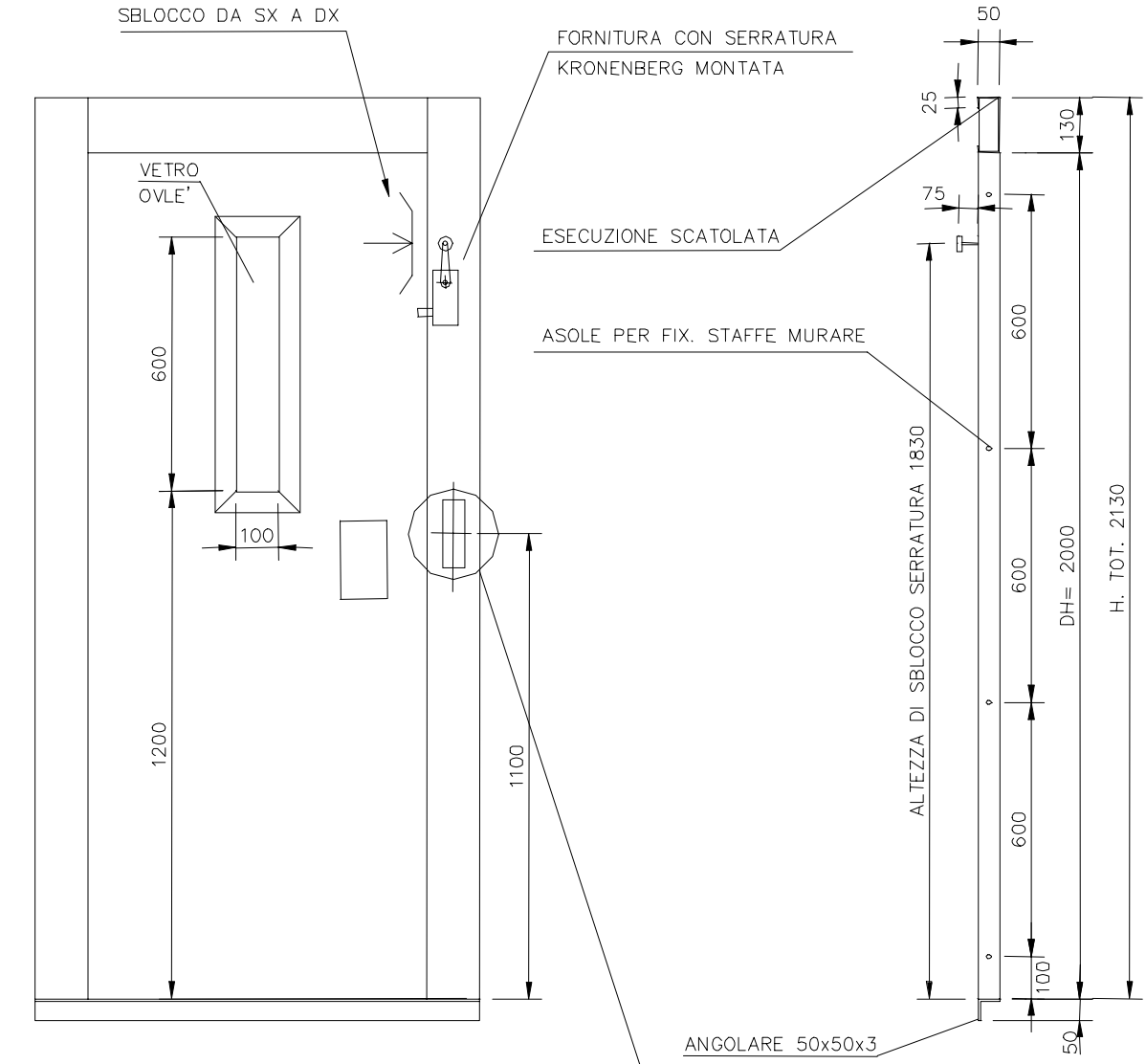
2 STOPS INSTALLATIONS					
FLOOR	**PUSH BUTTONS**	**LANDING DOOR LOCK**	**LANDING DOOR CLOSING**	**BY PASS**	**ANTI-CREEP LEVELLING CAM**
2	*PE-1-13-P2-LO*	*2-7-8*	*5A-6*	*8*	*20-30*
1	*PE-1-13-P1-LO*	*2-6-7*	*5-5A*	*6*	*20-30*
OVER TRAVEL SWITCH		**ALT IN PIT**		**CAR FRAME**	
2A-3		*2-2A*		*3-4*	
CONTROLLER TERMINALS					
PE 1 2 2A 3 4 5 6 7 8 9 11 13 20 30 2A 4A AL AL1 P1 P2 LO LO1					
TRAVELLING CABLE					
PE 1 2 3 4 5 6 7 9 11 4A AL AL1 P1 P2 LO/1					

3 - 4 - 5 STOPS INSTALLATIONS				
FLOOR	**PUSH BUTTONS**	**LANDING DOOR LOCK**	**LANDING DOOR CLOSING**	**ANTI-CREEP LEVELLING CAM**
5	*PE-1-13-P5-LO*	*2-6D-8*	*5D-6*	*20-30*
4	*PE-1-13-P4-LO*	*2-6C-6D*	*5C-5D*	*20-30*
3	*PE-1-13-P3-LO*	*2-6B-6C*	*5B-5C*	*20-30*
2	*PE-1-13-P2-LO*	*2-6A-6B*	*5A-5B*	*20-30*
1	*PE-1-13-P1-LO*	*2-6-6A*	*5-5A*	*20-30*
OVER TRAVEL SWITCH		**ALT IN PIT**	**CAR FRAME**	
2A-3		2-2A	3-4	
CONTROLLER TERMINALS				
-PR +PR PE 1 2 2A 3 4 5 6 8 9 11 13 20 30 2A 4A AL AL1 P1 P2 P3 P4 P5 LO LO/1				
TRAVELLING CABLE				
-PR +PR PE 1 2 3 4 5 6 9 11 4A AL AL1 P1 P2 P3 P4 P5 LO/1				

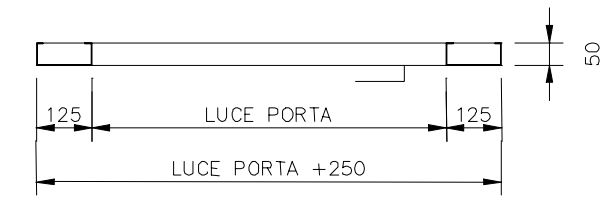
Daldoss Elevetronic **Level**

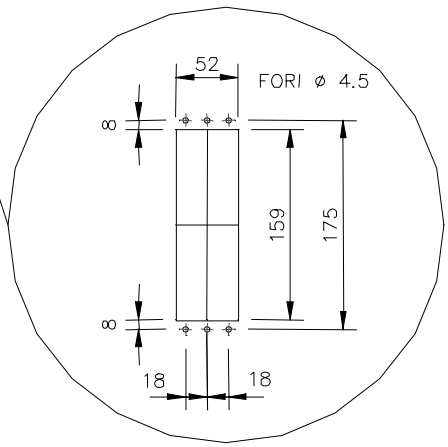
INSTALLATION SEQUENCE

LANDING DOORS



PORTA SOSPENSIONE A SX RINVIO DX





DOOR WIDTH	650	800	900

INSTALLATION SEQUENCE

GENERAL CHECKS AND TESTS ON THE SAFETY DEVICES

Before the release of the lift, perform the following checks:

f) Check the correspondences to the reference normatives

g) Check that the documentation is exhaustive and that the machine and the data reported into the certificates are corresponding to the lift features (if required)

h) Perform checks on:

1. landing door locks and retiring cam;
2. safety electrical devices;
3. suspension and attachments devices;
4. cabin safety gear and levers set with cabin in down direction loaded with a 125% of the nominal load.
5. free spaces in proximity to the entrances for all the cabin travel length;
6. keeping of speed during the cabin running;
7. measurement of the isolation resistance of different circuits;
8. check on grounding of all the devices that can be under voltage accidentally;
9. alarm device (if present);
10. mechanical pit props.

d) Check the lift hydraulic components, particularly:

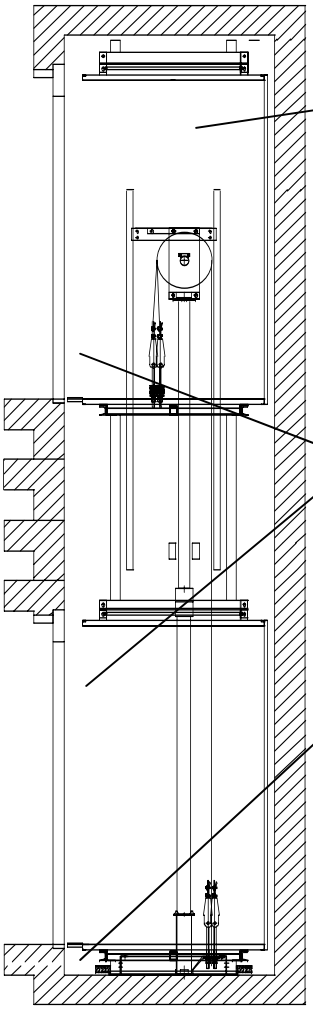
1. piston travel limit;
2. max static pressure;
3. valve group.

e) Check that the plates are installed as per our instructions.

KEEP IN WELL CONDITION THE PRESENT SHEET FOR FUTURE REFERENCES.

INSTALLATION SEQUENCE

WARNING AND INSTRUCTION PLATES



PLATES ON THE CABIN (min. 10 mm):

- MAX RATED LOAD (IN KG), NUNMBER OF PASSEGGERS
- NAME OF MANUFACTURER, N. OF SERIE, INSTALLATION YEAR
- ALARM BUTTON (IEC 417:1973, NO. 5013), YELLOW COLOUR
- EMERGENCY STOP BUTTON, RED COLOUR ("STOP")

PLATES ON EACH LANDING (min. 50 mm):

- DISABLE PEOPLE SYMBOL (ISO 7000:1989, NO. 0100)

PLATES IN PIT

- CUT OFF THE MAIN SWITCH BEFORE ENTERING THE PIT
- INSTRUCTIONS FOR CORRECT POSITIONING OF THE PIT PROPS.

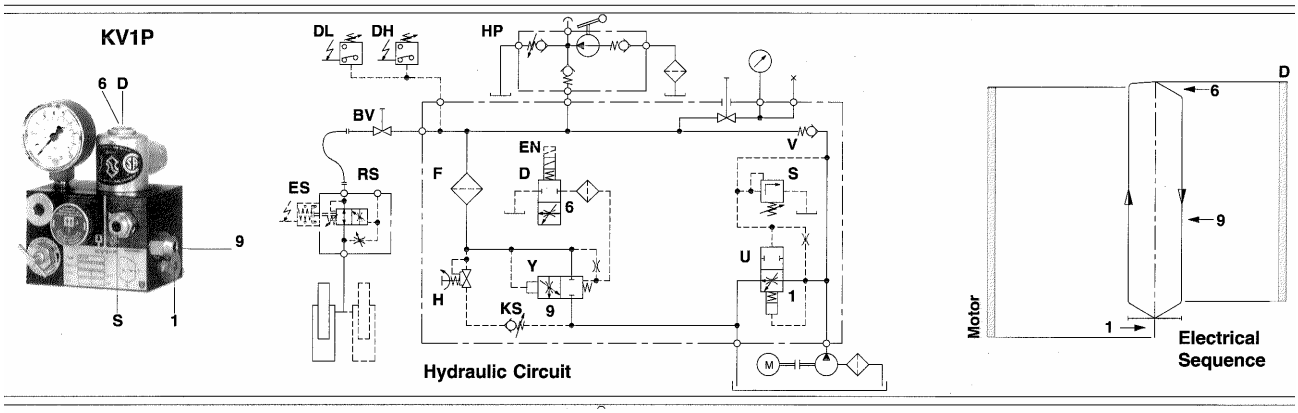
APPLY THE PLATE WITH THE CE LOGO

IN WELL VISIBLE POSITION ON THE CONTROLLER

PLATES IN MACHINE ROOM	
POSITION	**DESCRIPTION**
On the machine room entrance door you must have the following indication:	***DANGER –MACHIN ROOM – Entrance prohibited to not authorised persons***
Inside the machine room:	***Step by step instructions for the hand emergency operation***
Closed to the down emergency valve, you must have the following indication:	***DANGER – Down Emergency valve***
Closed to the main circuit breaker you must have: WARNING: the main breaker must be well marked	***Cut off the power supply only when the platform is at the lowest level***
In correspondence to the external alarm connected to the alarm on the cabin:	***Alarm of the lifting platform***

HYDRAULIC AND ELECTRICAL DRAWINGS

HYDRAULIC PUMP "BLAIN KV1P"



LEGENDA

6	Down acceleration	DH	Pressure switch (optional)
D	Coil (stop in down direction)	F	Main filter
9	Down speed	H	Manual lowering
S	"Relief" valve	HP	Hand pump
1	Bypass	KS	Slack rope valve
ES	Pipes rupture valve and switch (optional)	EN	Coil for emergency return (optional)
RS	Pipes rupture valve (optional)	Y	Lowering valve
BV	Ball cock	U	Bypass valve
DL	Pressure switch (optional)	V	"Check" valve

The valves are already tested and tuned. Check the electrical operation before changing the regulations. Check that the coil is correctly powered.

FACTORY SETTING: 1 and 9 smooth regolation respect their regolation nut.

REGULATION - UP DIRECTION

(1) Bypass - UP: when the pump turns on, the cabin at zero load should stay stopped at the floor for around 1 sec before starting up. This delay depends on the regulation of the screw 1. If you turn in right direction, you have a shorter delay; in left direction, a longer delay.

Stopping in UP direction: at the floor level, the pump motor stops. The stopping should be not smooth, depending on the load or too high speed. No regulations are possible.

(S) "Relief" Valve: if you turn it in right direction, you increase the maximum pressure; in left direction, you decrease the maximum pressure.

REGULATION - DOWN DIRECTION

(6) Acceleration in down direction: the coil (D) has to be powered. The cabin accelerates in down direction depending on the regulation of the screw (6). If you turn it in right direction, you have a slow acceleration; in left direction, a quicker acceleration.
Pre-regulation: the starting condition is screw (6) completely tightened to right and coil powered. Unscrew slowly (6) until the cabin accelerates in down direction.
(9) Speed in down direction: if you turn it in right direction, you have a slower speed; in left direction a quicker speed.
Stopping in DOWN direction: when the cabin reaches the floor, the power to the coil is cut off. No regulations are required.

(H) Lowering by hand: if you turn it in left direction, you lower the cabin. When you release it, automatically the cabin stops.

HYDRAULIC AND ELECTRICAL DRAWINGS

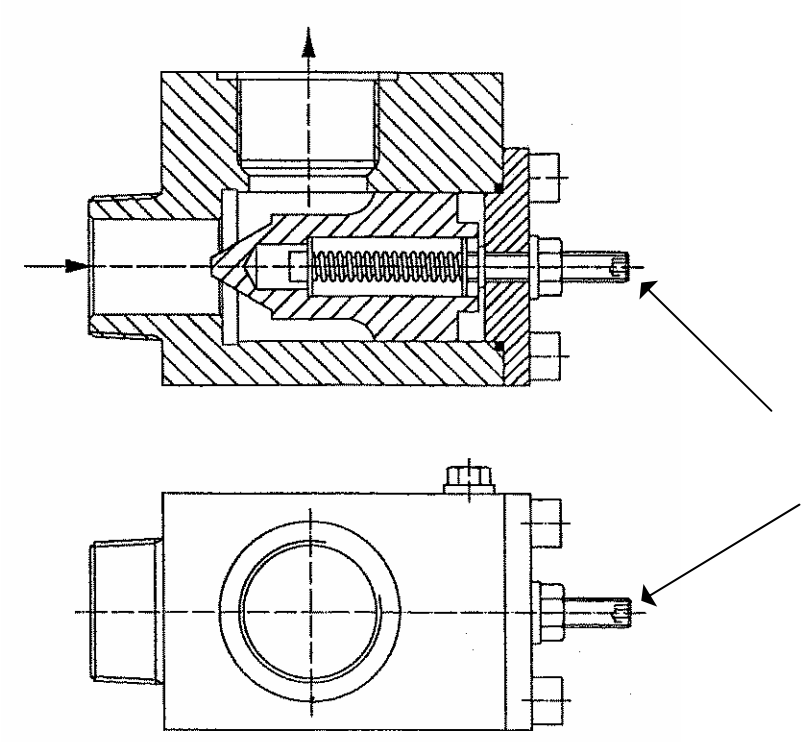
SAFETY VALVE

REGULATION OF VALVE

Bring the cabin at the top floor with full load. With cabin travelling down in high speed, screw the regulation screw (shown in drawing, two views) of the safety valve until the cabin stop. Unscrew now the regulation screw of ¼ round and tighten the specific block nut on the screw.

TEST OF VALVE

Bring the cabin at the top floor, then – with cabin stopped – increase to a maximum the down speed, working on the down regulation screw on the pump unit. When you start the cabin in down direction, the valve must block.



AFTER HAVING FINISHED THE TEST OF VALVE PUT BACK THE DOWN SPEED REGULATION TO THE STARTING POSITION

HYDRAULIC AND ELECTRICAL DRAWINGS

LEGEND OF ELECTRICAL DRAWINGS

LABEL	DESCRIPTION
AL	Alarm bell 12 Vac
AV	Landing door closing switch
BT1-BT2	Pb battery 12V – 6A/h
BV	Landing door locking switch
BYPASS BV	Bridging switch – by-pass of landing door locking
BC	Battery charger 27.2V 350mA – board 210BC
DC1	Auxiliary relay – down direction
DC2	Auxiliary relay – up direction
DP	Anti-creep levelling bridging switch
E1 – E2	Landing call buttons
EMP	Cam electromagnet
EVD	24 Vdc electro-valve – down direction
F1	Safety circuit protection fuse 5x20 3.15A
F2	Alarm protection fuse 5x20 3.15A
F3	Battery protection fuse 5x20 3.15A
F4	Transformer protection fuse 5x20 630mA
F5	Transformer main coil fuse T2 3.15A
F6	Transformer secondary coil fuse T2 55V 3/6.3A
H1 - H1	Cabin lighting lamp - 12V 10W
H2 - 3	“Present” lamp
IMT	Motor protection magnetic/thermic switch (1 phase)
IG	General breaker for the controller cabinet door
IPS/IPD	Bistable switches for intermediate floors (floor inverter)
K1	Relay 24Vdc – down direction
K2	Relay 24Vdc – up direction
K3	Main relay 24 Vdc
LO	Lamp/relay of busy cabin
LO/1	Timed light relay
n1	Safety circuit rectifier
n1/1	Cam rectifier
n2	Electro-valve no-noise DC filter (R 560 Ω Diode 1N4007)
P1 - P2	Cabin call buttons
PA	Cabin alarm button
RCF	Sill control light ray
RL	Control relay for power OFF
SW1	Emergency operation interruption switch
SW2	Over travel switch
SW3	Car frame switch
SW4	Stop button in cabin
SW5	Key switch in cabin
SW6	Key switch at landing station (if required)
SW7	Key switch at landing station (if required)
SW8	Stopping limit switch – down direction
SW9	Stopping limit switch – up direction
SW11	ALT in pit
T	Excitation delayed relay
T1	Main transformer 230/398-24 75VA
T2	Transformer for retiring cam 230/398 0/55/75 400VA
WDR	Rectifier protection varistor

HYDRAULIC AND ELECTRICAL DRAWINGS

LEGEND OF ELECTRICAL DRAWINGS

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T1	Main transformer 230/398-24 75VA
T2	Transformer for retiring cam 230/398 0/55/75 400VA
WDR	Rectifier protection varistor

INSULATION TEST

LEVEL

Instruction for perform the insulation test on LEVEL installation equipped with dead man operation, one speed, without dissect or extract any part of the circuit under test.

INSTRUCTION

1. Stop the car between two level with doors closed
2. Switch off (open) the main AC power supply switch
3. Disconnect the earth connection from PE connector
4. Disconnect all the yellow–green connector from all they connection on the box and on the AC main transformer
5. Disconnect the connector from the 201 BC battery charge board

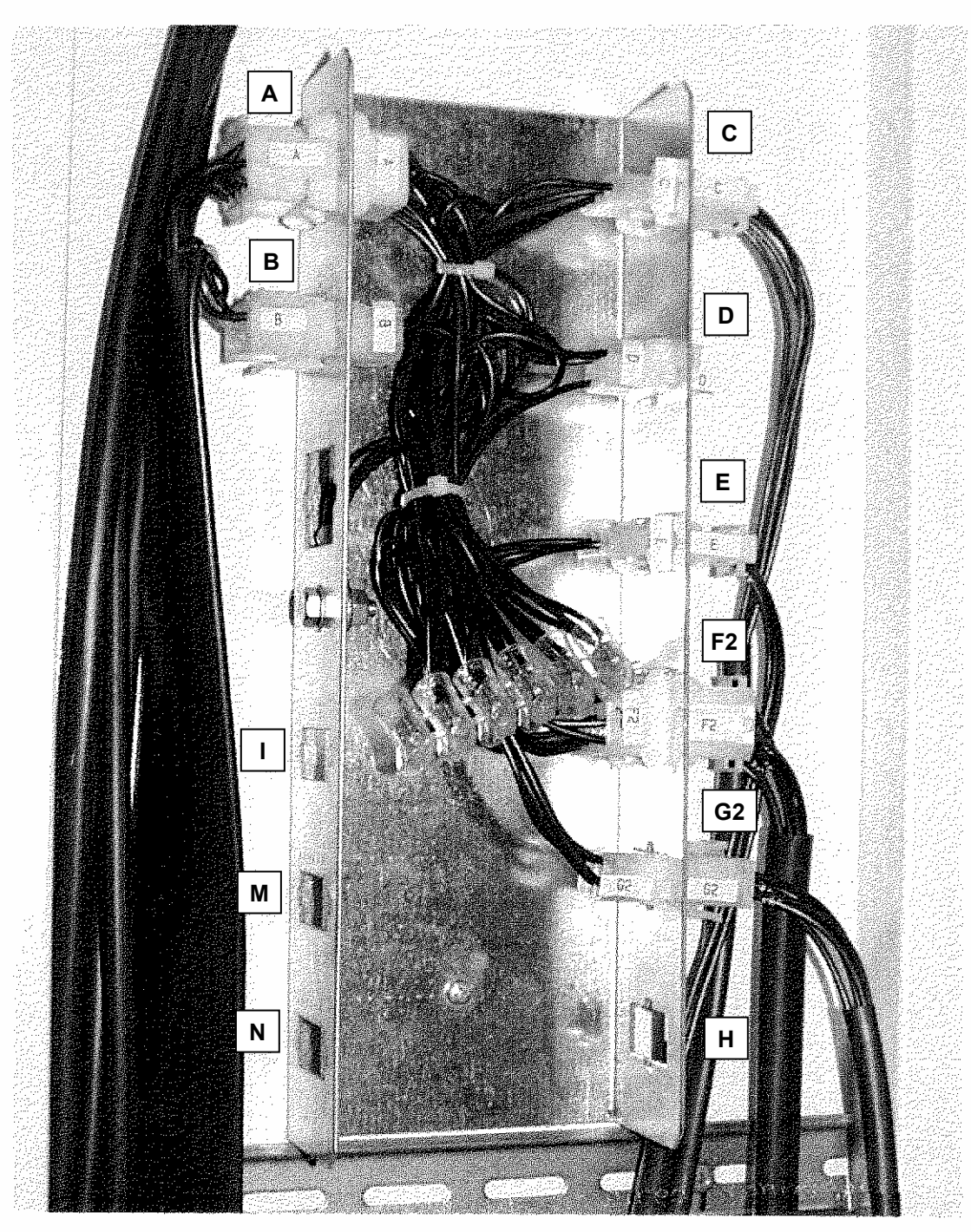
INSULATION TEST

Check with one megaohmeter between earth bar and the following test point

A)	**FOR THE AC MAIN POWER SUPPLY**	L1	L2	L3	U	V	W			
B)	**FOR THE SAFETY CIRCUIT**	1	2	4B	5	8	+PR	-PR	LO	LO/1
		9	11	13	P1	P2	...	ED	20	30
C)	**CHECK ALL THE WIRES CONNECTED TO THE TERMINAL BLOCK**									

HYDRAULIC AND ELECTRICAL DRAWINGS

PLUG IN LOOMS BOX WITH LEGEND



PLUG IN LOOMS TERMINAL LEGEND	
A – B	Travelling cable
C	Cabin light
D	Lighray
E	Frame and levelling contact
F...	Push button
G...	Stopping limit switches (bypass for 2 floors)
H	Retiring cam
I – M – N	Bistable floor switches

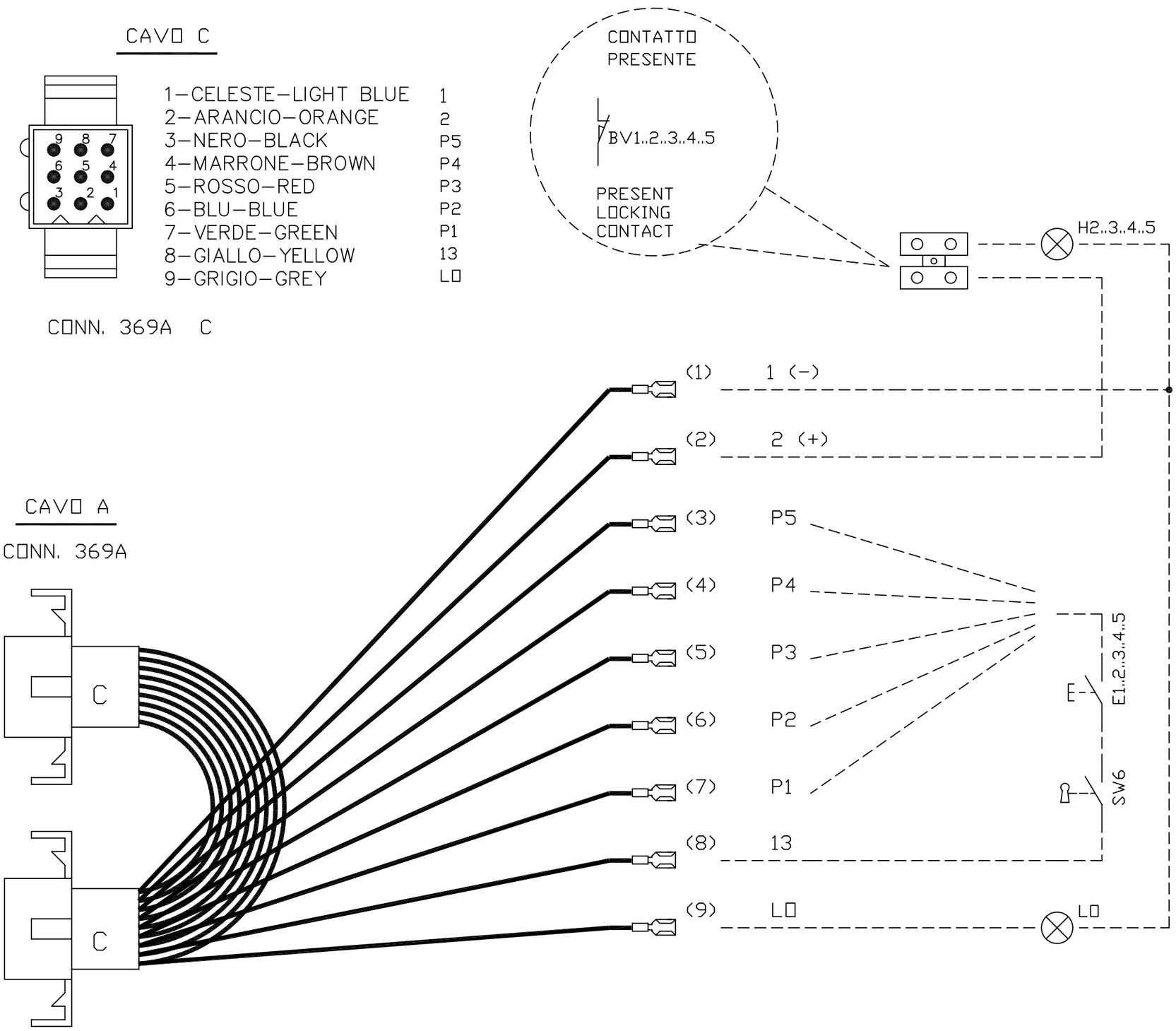
CAVO C

1–CELESTE–LIGHT BLUE	1
2–ARANCIO–ORANGE	2
3–NERO–BLACK	P5
4–MARRONE–BROWN	P4
5–ROSSO–RED	P3
6–BLU–BLUE	P2
7–VERDE–GREEN	P1
8–GIALLO–YELLOW	13
9–GRIGIO–GREY	LO

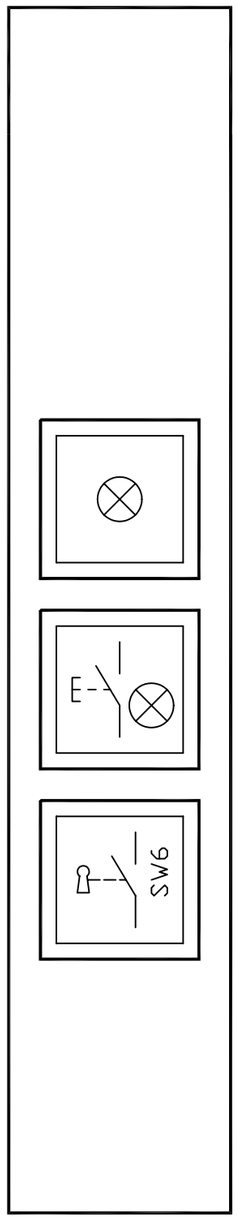
CONN. 369A C

CAVO A

CONN. 369A



PULSANTIERA DI PIANO



H2...3...4...5
LAMPADA PRESENTE
PRESENT LAMP

E1...2...3..4..5 LO
PULSANTE CHIAMATA LANDING CALL BUTTON — LAMPADA OCCUPATO OCCUPIED LAMP

SW6
INTERRUTTORE A CHIAVE
LANDING KEY SWITCH

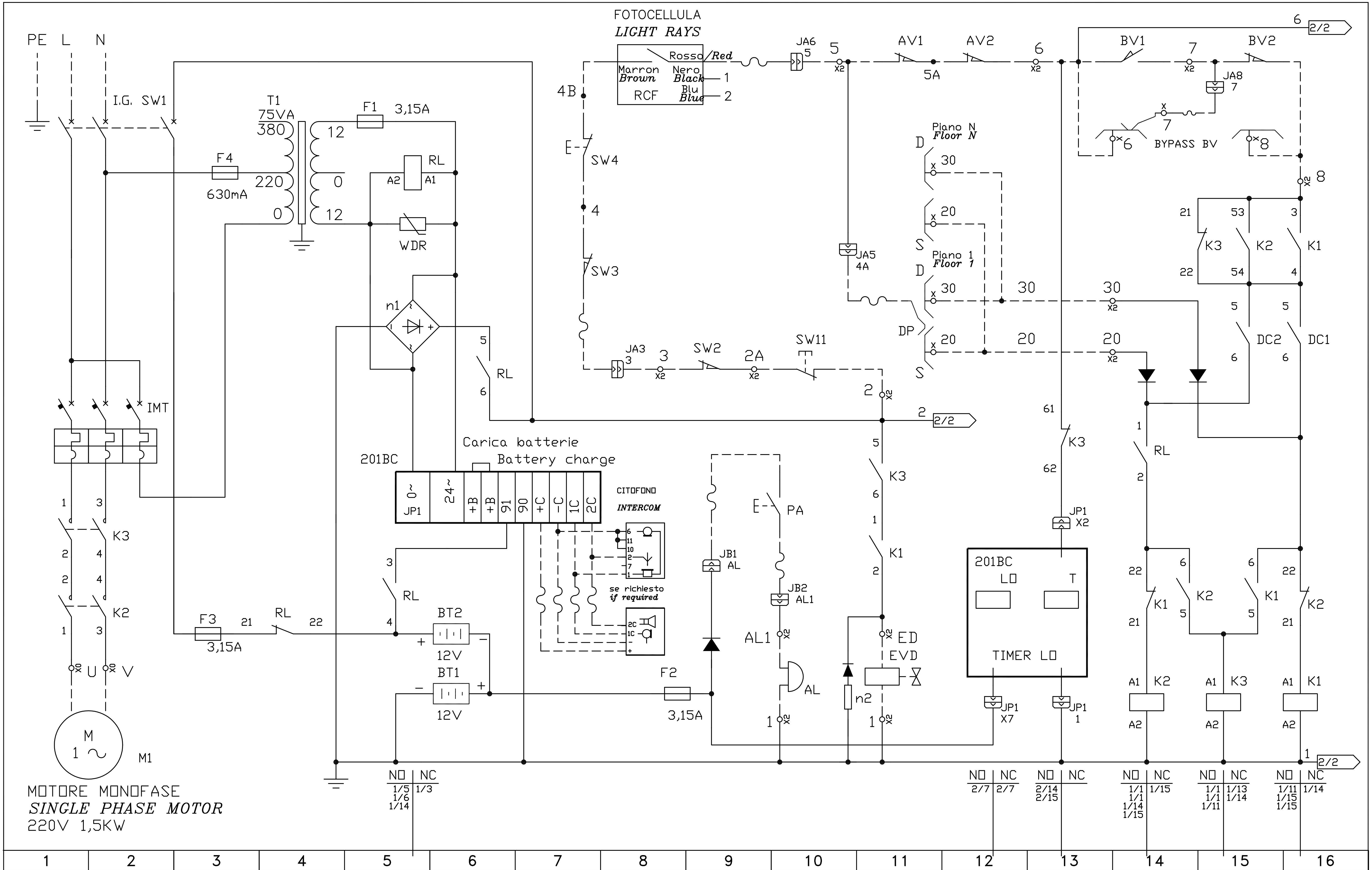
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Daldoss Elevetronic

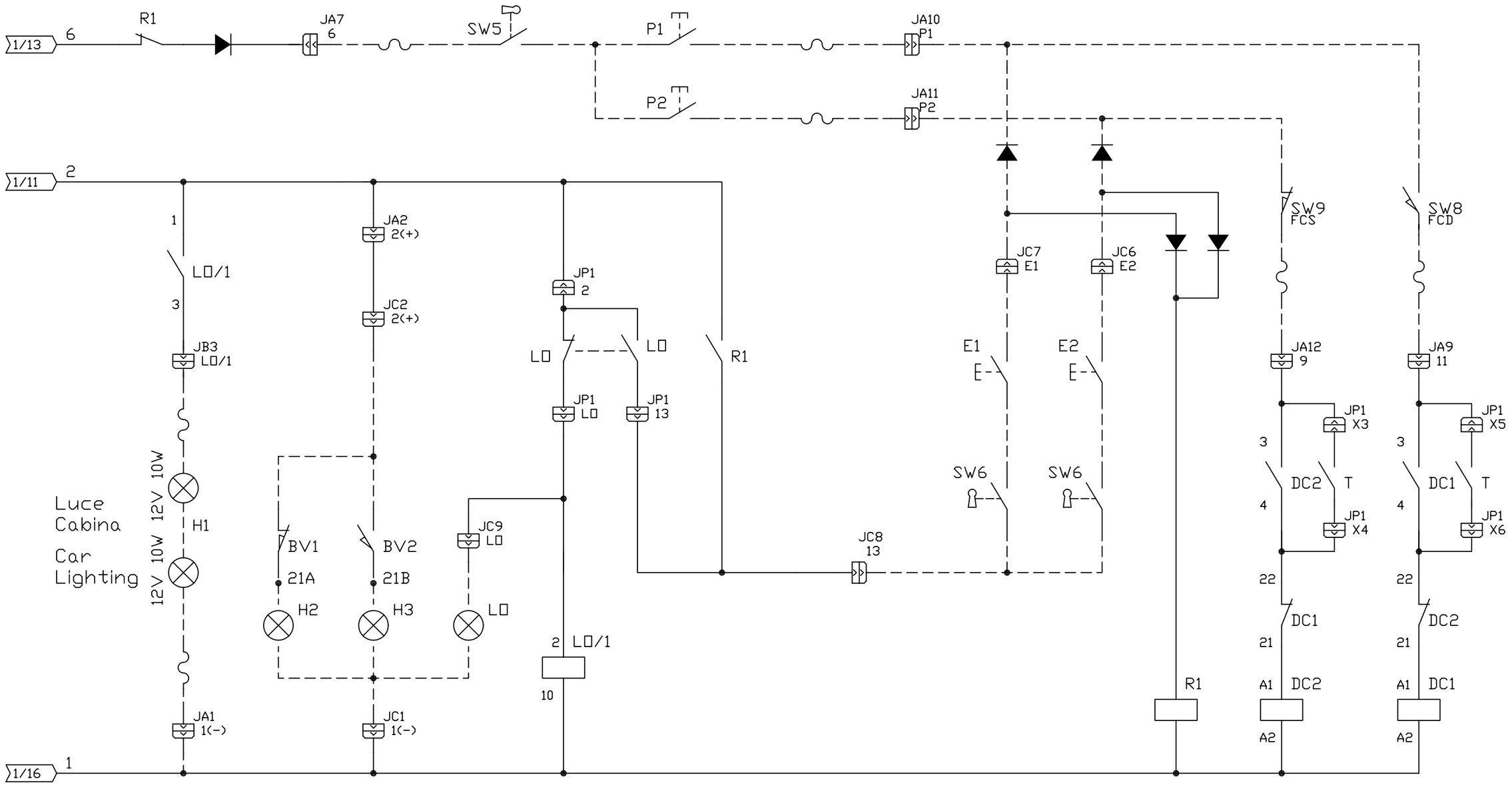
DOCUMENT NUMBER PE.1.IZ4.03 REV. 1	CIRCUIT DIAGRAM PULSANTIERA ESTERNA EASYLIFE PE LANDING CALL BUTTON EASYLIFE PE	DRAWN BY	DATE 27/05/99
		CHECK	N. MANOEUVRE

REPLACING DWG REV.

SHEET 1 OF 1


PE L N
I.G. SW1
T1
75VA
380
220
0
12
0
12
F1 3,15A
F4
630mA
RL
A2 A1
WDR
n1
5
RL
6
IMT
201BC
Carica batterie
Battery charge
0~
JP1
24~
+B
+B
91
90
+C
-C
1C
2C
CITOFONO
INTERCOM
se richiesto
if required
K3
K2
U V
M
1 ~
M1
MOTORE MONOFASE
SINGLE PHASE MOTOR
220V 1,5KW
F3
3,15A
21 RL 22
RL
BT2
12V
BT1
12V
F2
3,15A
FOTOCELLULA
LIGHT RAYS
Rosso/Red
Marron
Brown
Nero
Black
Blu
Blue
RCF
JA6
4B
SW4
4
SW3
JA3
SW2
2A
SW11
JA5
4A
AV1
AV2
5A
BV1
BV2
JA8
BYPASS BV
Piano N
Floor N
Piano 1
Floor 1
DP
30
20
K3
K1
K2
DC2
DC1
RL
JB1
AL
PA
JB2
AL1
AL
n2
ED
EVD
JP1
X2
201BC
LO
T
TIMER LO
JP1
X7
JP1
2/2
NO NC
1/5 1/3
1/6
1/14
2/7 2/7
2/14
2/15
1/1 1/15
1/1
1/14
1/15
1/1 1/13
1/1 1/14
1/11
1/11 1/14
1/15
1/15
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Daldoss Elevetronic	DOCUMENT NUMBER PE.1.IZ8.02 REV. 5	CIRCUIT DIAGRAM CIRCUITO POTENZA COMANDO PE 2F POWER CIRCUIT PE 2F	DRAWN BY CHECK	DATE 13/12/01 N. MANOEUVRE	REPLACING DWG REV. 4 - 29/09/00	SHEET 1 OF 2



1/1	1/1
U	V

Morsettiera : X0

NO | NC
2/3

1/11	1/9	1/11	1/8	1/10	1/12	1/14	1/15	1/14	1/9	1/14	1/11	1/9
1	1	2	3	5	6	7	8	20	2A	30	ED	AL1

Morsettiera : X2

NO | NC
2/8 | 2/2

NO | NC
1/15 2/13 | 2/15

NO | NC
1/15 2/15 | 2/13

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Daldoss Elevetronic

DOCUMENT NUMBER PE.1.IZ8.02
REV. 5

CIRCUIT DIAGRAM
CIRCUITO POTENZA COMANDO PE 2F
POWER CIRCUIT PE 2F

DRAWN BY
CHECK

DATE 13/12/01
REPLACING DWG REV. 4 – 29/09/00
SHEET 2
N. MANOEUVRE
OF 2

PE L N

I.G. SW1

T2 400VA 380 220 0 — 0 55 70 — F6 6,3A — VDR — n1/1

F5 3,15A

-PR +PR

JB9/10 -PR — JB7/8 +PR

EMP 60Vcc

DC1 DC2

T1 75VA 380 220 0 — 12 0 12 — F1 3,15A

F4 630mA

RL A2 A1

WDR

n1

IMT

K3 K2

3A F3

RL 22 21

U V

M 1 ~ M1

MOTORE MONOFASE
SINGLE PHASE MOTOR
220V 1,5KW

RL 6 5

Carica batterie
Battery charge

201BC JP1 0~ 24~ +B +B 91 90 +C -C 1C 2C

CITOFONO INTERCOM

se richiesto
if required

RL 3 4

BT2 12V

BT1

F2 3,15A

NO NC 1/5 1/6 1/14 | NC 1/2

FOTOCELLULA
LIGHT RAYS

Rosso Marron Nero Blu RCF 1 2

4B E- SW4 4 SW3

JA6 5 — 5 x2

JA5 4A

JA3 3 — 3 x2 — SW2 — 2A x2 — SW11

2 x2 — 2 2/1

D PIANO N *FLOOR N* 30 x — 20 x — S

D PIANO 1 *FLOOR 1* 30 x — 20 x — DP — S

AV1 5A — AV2.3.4 5B.C.D — AV5

6 2/1 — 6 BV1 6A

BV2.3.4 — 6B.C.D — BV5 — 8 x2

21 53 3 — K3 K2 K1 — 22 54 4

61 K3 62

5 20 30 5 — DC2 DC1 — 6 6

JP1 X2

1 RL 2 — 22 6 6 22 — K1 K2 K1 K2 — 21 5 5 21 — A1 K2 K3 K1 — A2

1 2/1

JB4 AL — E- PA

JB5 AL1 — AL1 x2 — AL — 1 x2

5 K3 — 6 1 K1 2 — ED EVD — n2 — 1 x2

201BC LO T TIMER LO — JP1 X7 — JP1 1

NO NC 2/5 2/5 | NO NC 2/8 2/9 | NO NC 1/1 1/1 1/14 1/14 1/15 | NO NC 1/1 1/1 1/11 1/13 1/14 | NO NC 1/11 1/15 1/15 1/14

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Daldoss Elevetronic

DOCUMENT NUMBER PE.1.IZ8.03

REV. 5

CIRCUIT DIAGRAM

CIRCUITO POTENZA COMANDO PE 3-4-5F

POWER CIRCUIT PE 3-4-5-F

DRAWN BY

CHECK

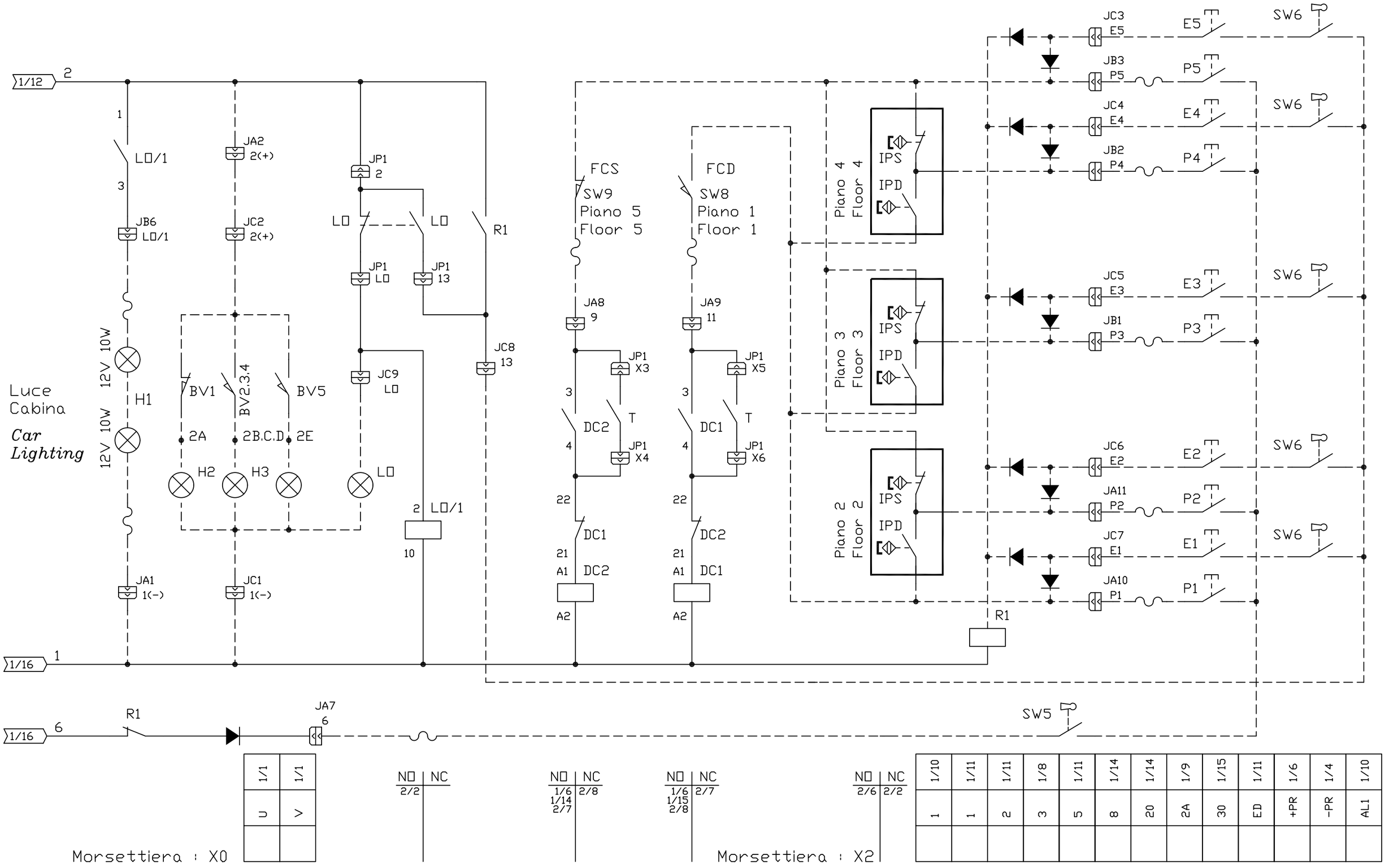
DATE 13/12/01

REPLACING DWG REV. 4 - 29/09/00

SHEET 1

N. MANOEUVRE

OF 2



Morsettiera : X0

1/1	1/1
U	V

NO	NC
	2/2

NO	NC
1/6 1/14 2/7	2/8

NO	NC
1/6 1/15 2/8	2/7

NO	NC
2/6	2/2

Morsettiera : X2

1/10	1/11	1/11	1/8	1/11	1/14	1/14	1/9	1/15	1/11	1/6	1/4	1/10
1	1	2	3	5	8	20	2A	30	ED	+PR	-PR	AL1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Daldoss Elevetronic

DOCUMENT NUMBER PE.1.IZ8.03

REV. 5

CIRCUIT DIAGRAM

CIRCUITO POTENZA COMANDO PE 3-4-5F

POWER CIRCUIT PE 3-4-5F

DRAWN BY

CHECK

DATE 13/12/01

REPLACING DWG REV. 4 - 29/09/01

SHEET 2

N. MANOEUVRE

OF 2

LUCE
LIGHT

FOTOCELLULA
LIGHT RAYS

SW ARCATA/RIPESCAMENTO
SW SAFETY GEAR /LEVELLING DEVICE

PULSANTIERA
PUSH BUTTON

BYPASS
BV SW8 SW9

C 4VIE F

1	2	3	4
1	2	LO/1	PE

D 6VIE F

1	2	3	4	5	6
1	2	4B	5		

E 4VIE F

1	2	3	4
3	4	4A	

F2 12VIE F

1	2	3	4	5	6	7	8	9	10	11	12
4	4B	6	P1	P2				AL	AL1		PE

G2 6VIE F

1	2	3	4	5	6
11	P1	7		P2	9

B 6VIE M

1	AL	13
2	AL1	14
3	LO/1	15
4	PE	16
5		
6		

A 12VIE M

1	1	1
2	2	2
3	3	3
4	d	4
5	4A	5
6	5	6
7	6	7
8	7	8
9	11	9
10	P1	10
11	P2	11
12	9	12

1 2 d P1 P2 PE

d=disponibile
d=free

n2 CONN. 12Vie F AMP 1-480709-0
n3 CONN. 6Vie F AMP 1-480705-0
n2 CONN. 4Vie F AMP 1-480703-0
n40 PIN SOCKET femmina AMP 350570-1
n6 MORSETTO A CAMPANA diam.4mm

A 12VIE F

1	2	3	d	4A	5	6	7	11	P1	P2	9
1	2	3	4	5	6	7	8	9	10	11	12

B 6VIE F

AL	AL1	LO/1	PE		
1	2	3	4	5	6

A 12VIE M

1	2	3	d	4A	5	6	7	11	P1	P2	9
1	2	3	4	5	6	7	8	9	10	11	12

B 6VIE M

1	2	3	4	5	6
AL	AL1	LO/1	PE		

CAVO VOLANTE 16x1mmq
TRAVELLING CABLE

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

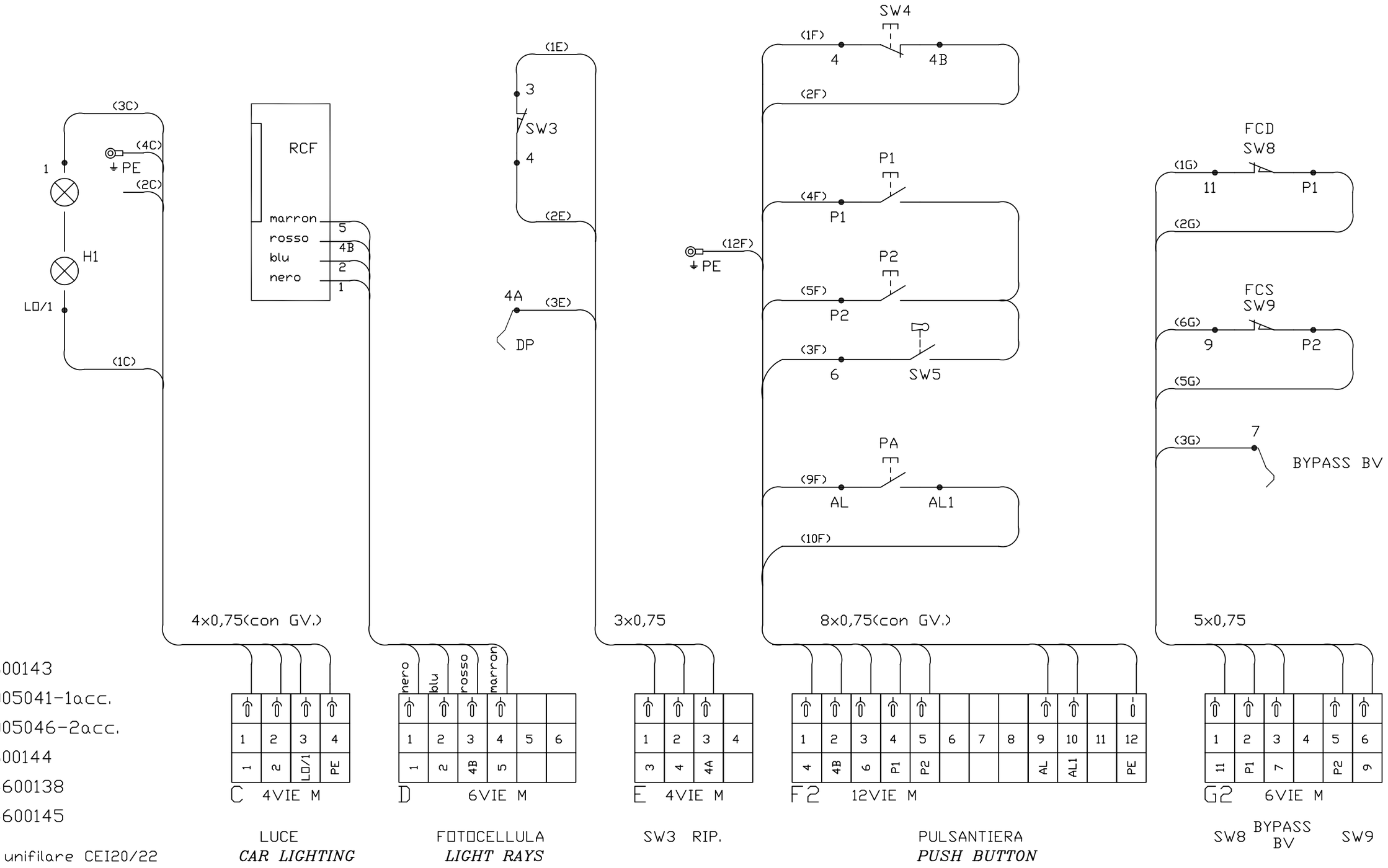
Daldoss Elevetronic

DOCUMENT NUMBER PE.1.IZ4.04
REV. 2

CIRCUIT DIAGRAM
PANELLO SERVIZIO EASYLIFE PE 2F
CAR OPERATION PANEL

DRAWN BY
CHECK

DATE 13/12/01
REPLACING DWG REV. 1 – 30/06/00
SHEET 1
N. MANOEUVRE
OF 2



LUCE
CAR LIGHTING

FOTOCELLULA
LIGHT RAYS

SW3 RIP.

PULSANTIERA
PUSH BUTTON

SW8 BYPASS BV SW9

SW SAFETY GEAR /LEVELLING DEVICE

C=04600143
D=26005041-1acc.
D=26005046-2acc.
E=04600144
F2=04600138
G2=04600145

cavo unifilare CEI20/22
sezione minima 0,75mmq
capocorda occhiello diam.5
lunghezza cavo connessioni 2mt(toll.+/-5cm)
guaina vipla flex lung. 1,75mt (toll.+/-5cm)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Daldoss Elevetronic	DOCUMENT NUMBER PE.1.IZ4.04 REV. 2	CIRCUIT DIAGRAM PANELLO SERVIZIO EASYLIFE PE 2F CAR OPERATION PANEL	DRAWN BY CHECK	DATE 13/12/01 N. MANOEUVRE
				REPLACING DWG REV. 1 – 30/06/00
				SHEET 2 OF 2

SW ARCATA/RIPESCAMENTO
SW SAFETY GEAR /LEVELLING DEVICE

LUCE
LIGHT

FOTOCELLULA
LIGHT RAYS

PULSANTIERA
PUSH BUTTON

SW8 SW9

PATTINO
RETRATTILE
RETIRING CAM COIL

C 4VIE F

1	2	3	4
1	2	LO/1	PE

D 6VIE F

1	2	3	4	5	6
1	2	4B	5		

E 4VIE F

1	2	3	4
3	4	4A	

F3 12VIE F

1	2	3	4	5	6	7	8	9	10	11	12
4	4B	6	P1	P2			P5	AL	AL1		PE

G3/5 6VIE F

1	2	3	4	5	6
11	P1			P5	9

H 6VIE F

1	2	3	4	5	6
+PR	+PR	-PR	-PR	PE	PE

B 12VIE M

1	2	3	4	5	6	7	8	9	10	11	12
P3	P4	P5	AL	AL1	LO/1	+PR	+PR	-PR	-PR	PE	PE

A 12VIE M

1	2	3	4	5	6	7	8	9	10	11	12
PE	PE	-PR	-PR	+PR	+PR	LO/1	AL1	AL	P5	P4	P3

B 12VIE M

1	2	3	4	5	6	7	8	9	10	11	12
PE	P2	P1	11	9	6	5	4A	d	3	2	1

A 12VIE M

1	2	3	4	5	6	7	8	9	10	11	12
1	2	3	d	4A	5	6	9	11	P1	P2	PE

1 2 d P1 P2 P3 P4 P5 PE

d=disponibile
d=free

A 12VIE F

1	2	3	d	4A	5	6	9	11	P1	P2	PE
1	2	3	4	5	6	7	8	9	10	11	12

B 12VIE F

P3	P4	P5	AL	AL1	LO/1	+PR	+PR	-PR	-PR	PE	PE
1	2	3	4	5	6	7	8	9	10	11	12

I 4VIE F

P1	P2	P2	P5
1	2	3	4

IPS/IPD
PIANO 2
FLOOR 2

n3 CONN. 12Vie F AMP 1-480709-0
n3 CONN. 6Vie F AMP 1-480705-0
n3 CONN. 4Vie F AMP 1-480703-0
n58 PIN SOCKET femmina AMP 350570-1
n9 MORSETTO A CAMPANA diam.4mm

n2 CAVO VOLANTE 12x1mmq *TRAVELLING CABLE*

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

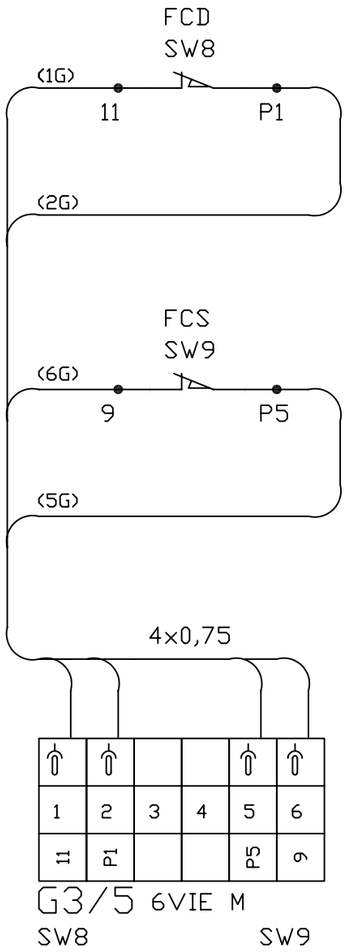
Daldoss Elevetronic

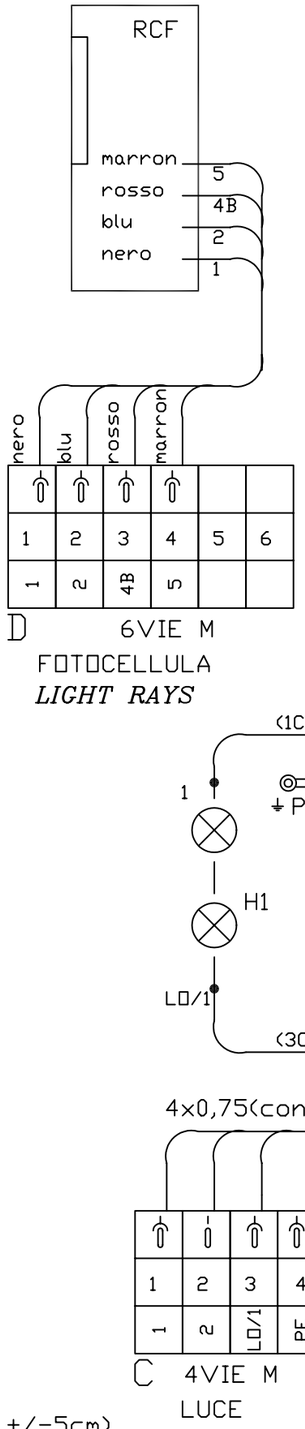
DOCUMENT NUMBER PE.1.IZ4.05
REV. 2

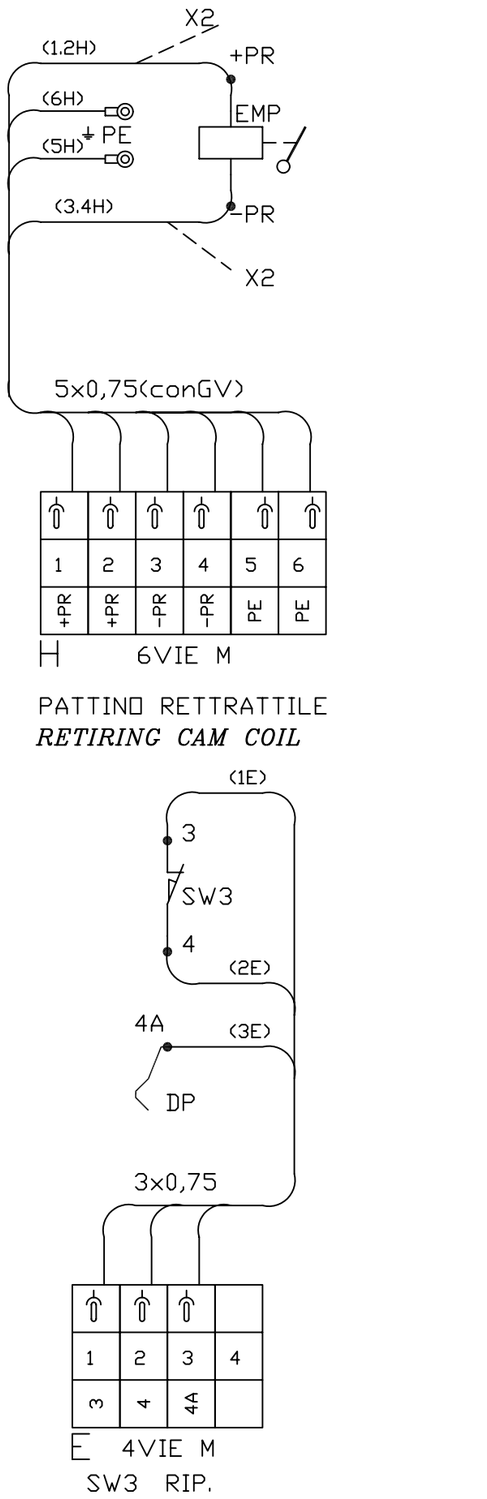
CIRCUIT DIAGRAM
PANELLO SERVIZIO EASYLIFE PE 3F
CAR OPERATION PANEL

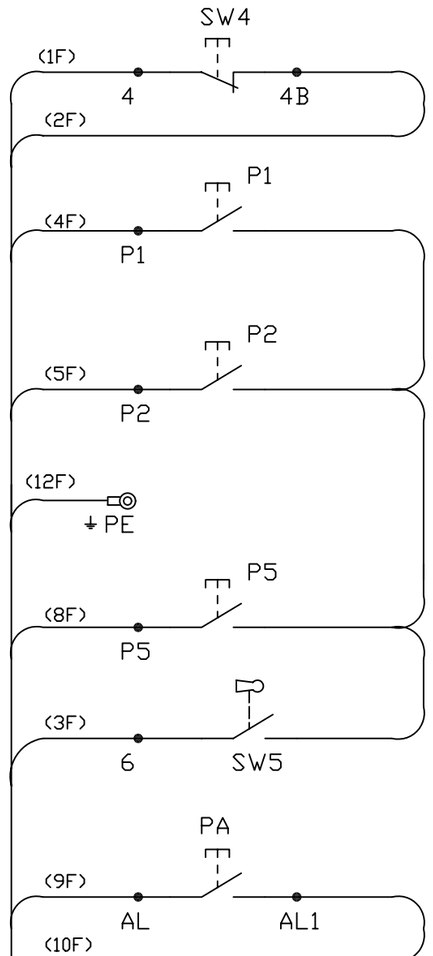
DRAWN BY
CHECK

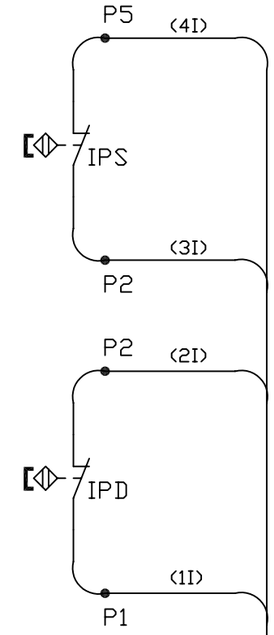
DATE 13/12/01
REPLACING DWG REV. 1 – 30/06/00
SHEET 1
N. MANOEUVRE
OF 2

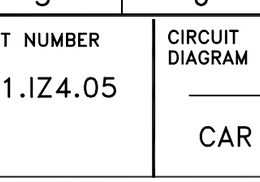


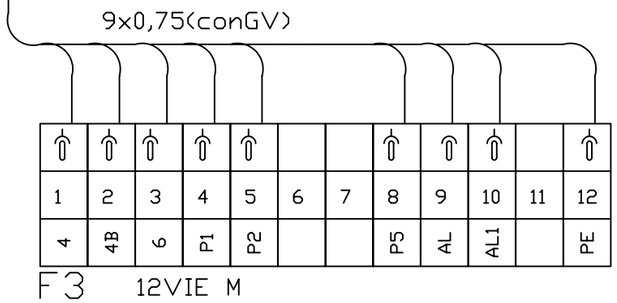


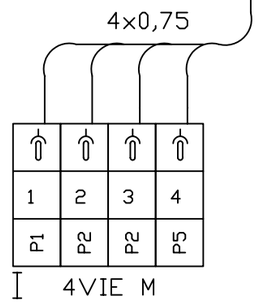












C=04600143

D=26005041-1acc.

D=26005042-2acc.

E=04600144

F3=04600139

G3/5=04600146

H=04600142

I=04600147.I

cavo unifilare CEI20/22
sezione minima 0,75mmq
capocorda occhiello diam.5
lunghezza cavo connessioni 2mt(toll.+/-5cm)
guaina vipla flex lung. 1,75mt (toll.+/-5cm)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Daldoss Elevetronic

DOCUMENT NUMBER PE.1.IZ4.05
REV. 2

CIRCUIT DIAGRAM
PANELLO SERVIZIO EASYLIFE PE 3F
CAR OPERATION PANEL

DRAWN BY
CHECK

DATE 13/12/01
REPLACING DWG REV. 1 – 30/06/00
SHEET 2
N. MANOEUVRE
OF 2

LUCE
LIGHT

FOTOCELLULA
LIGHT RAYS

SW3 RIP.
SW SAFETY GEAR /LEVELLING DEVICE

PULSANTIERA
PUSH BUTTON

SW8

SW9

PATTINO
RETRATTILE
RETIRING CAM COIL

C 4VIE F: 1 2 LO/1 PE

D 6VIE F: 1 2 4B 5

E 4VIE F: 3 4 4A

F4 12VIE F: 4 4B 6 P1 P2 P3 P5 AL AL1 PE

G3/5 6VIE F: 11 P1 P5 9

H 6VIE F: +PR +PR -PR -PR PE PE

B 12VIE M: 1 P3, 2 P4, 3 P5, 4 AL, 5 AL1, 6 LO/1, 7 +PR, 8 +PR, 9 -PR, 10 -PR, 11 PE, 12 PE

A 12VIE M: 1 PE, 2 P2, 3 P1, 4 11, 5 9, 6 7, 7 6, 8 5, 9 4A, 10 d, 11 3, 12 2

1 2 d P1 P2 P3 P4 P5 PE

d=disponibile
d=free

A 12VIE F: 1 2 3 d 4A 5 6 9 11 P1 P2 PE

B 12VIE F: P3 P4 P5 AL AL1 LO/1 +PR +PR -PR -PR PE PE

I 4VIE F: P1 P2 P2 P5
IPS/IPD
PIANO 2
FLOOR 2

M 4VIE F: P1 P3 P3 P5
IPS/IPD
PIANO 3
FLOOR 3

A 12VIE M: 1 2 3 d 4A 5 6 9 11 P1 P2 PE

B 12VIE M: P3 P4 P5 AL AL1 LO/1 +PR +PR -PR -PR PE PE

n2 CAVO VOLANTE 12x1mmq *TRAVELLING CABLE*

n3 CONN. 12Vie F AMP 1-480709-0
n3 CONN. 6Vie F AMP 1-480705-0
n4 CONN. 4Vie F AMP 1-480703-0
n63 PIN SOCKET femmina AMP 350570-1
n9 MORSETTO A CAMPANA diam.4mm

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

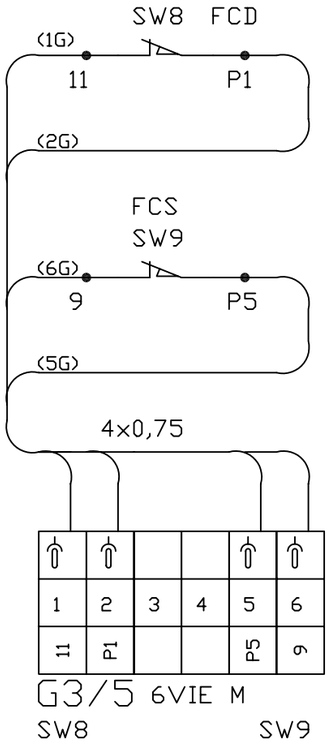
Daldoss Elevetronic

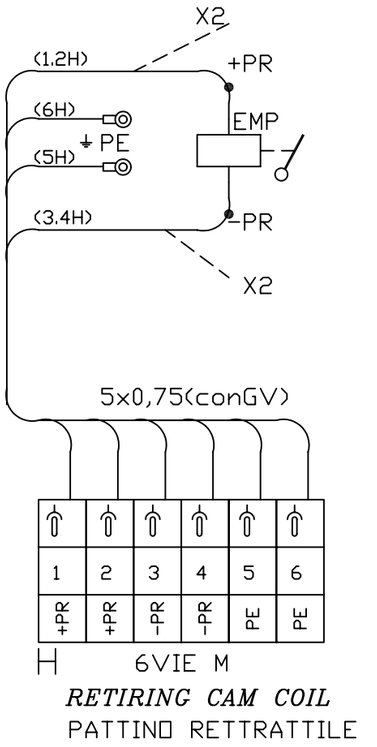
DOCUMENT NUMBER PE.1.IZ4.06
REV. 2

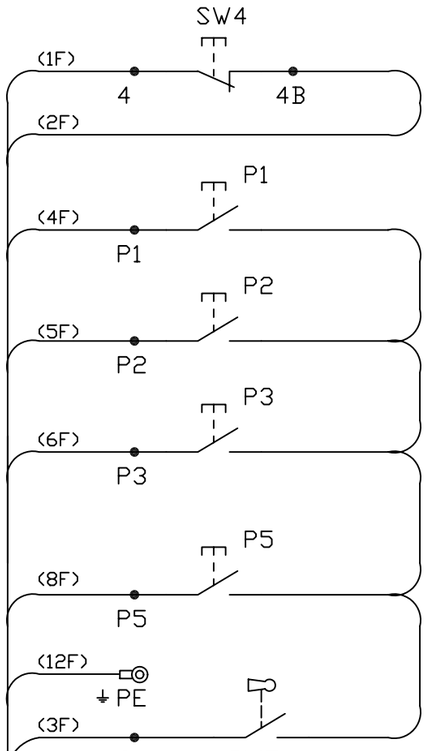
CIRCUIT DIAGRAM
PANELLO SERVIZIO EASYLIFE PE 4F
CAR OPERATION PANEL

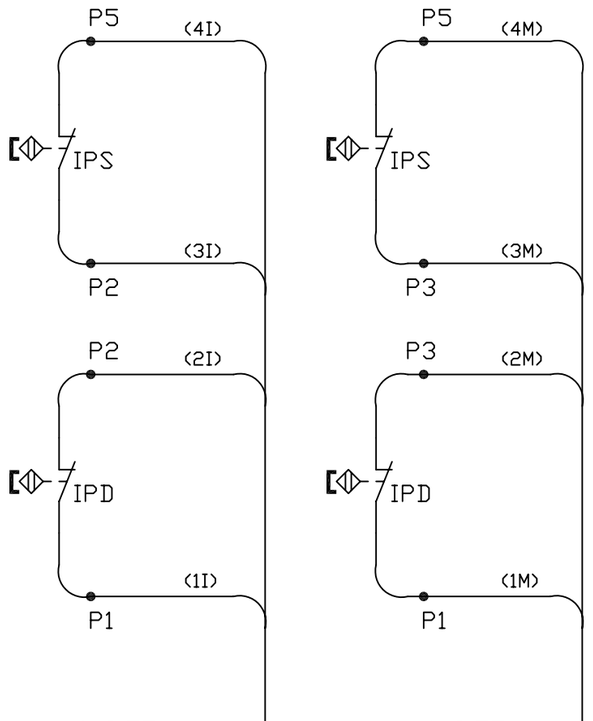
DRAWN BY
CHECK

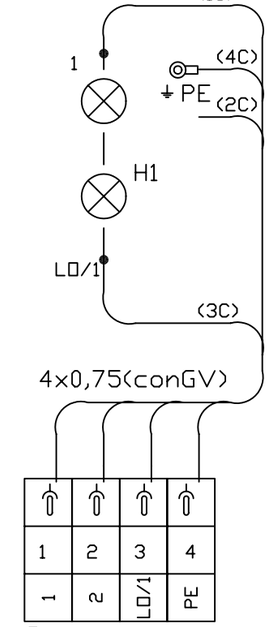
DATE 13/12/01
REPLACING DWG REV. 1 – 30/06/00
SHEET 1
N. MANOEUVRE
OF 2

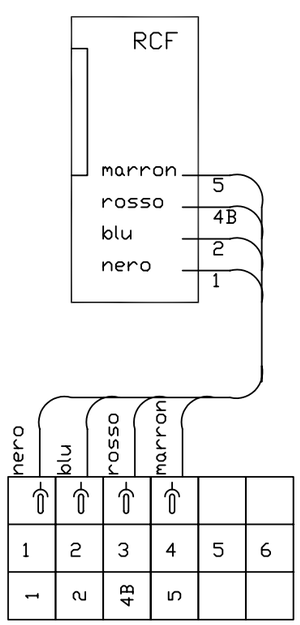


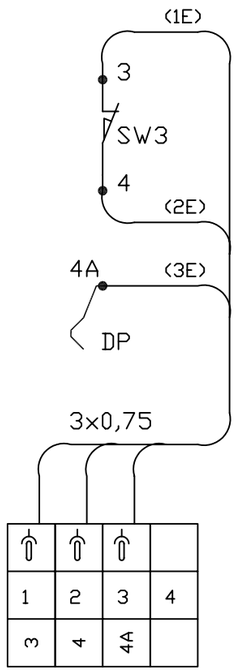












cavo unifilare CEI20/22
sezione minima 0,75mmq
capocorda occhiello diam.5
lunghezza cavo connessioni 2mt(toll.+/-5cm)
guaina vipla flex lung. 1,75mt (toll.+/-5cm)

C=04600143
D=26005041-1acc.
D=26005042-2acc.
E=04600144
F4=04600140
G3/5=04600146
H=04600142
I=04600147.I
M=04600147.M

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

Daldoss Elevetronic	DOCUMENT NUMBER PE.1.IZ4.06 REV. 2	CIRCUIT DIAGRAM PANELLO SERVIZIO EASYLIFE PE 4F — CAR OPERATION PANEL	DRAWN BY / CHECK	DATE 13/12/01 · REPLACING DWG REV. 1 – 30/06/00 · SHEET 2 · N. MANOEUVRE · OF 2

LUCE
LIGHT

FOTOCELLULA
LIGHT RAYS

SW3 RIP.
SW SAFETY GEAR /LEVELLING DEVICE

PULSANTIERA
PUSH BUTTON

SW8 SW9

PATTINO RETRATTILE
RETIRING CAM COIL

C 4VIE F: 1 2 LO/1 PE

D 6VIE F: 1 2 4B 5

E 4VIE F: 3 4 4A

F5 12VIE F: 4 4B 6 P1 P2 P3 P4 P5 AL AL1 PE

G3/5 6VIE F: 11 P1 P5 9

H 6VIE F: +PR +PR -PR -PR PE PE

B 12VIE M: 1 P3, 2 P4, 3 P5, 4 AL, 5 AL1, 6 LO/1, 7 +PR, 8 +PR, 9 -PR, 10 -PR, 11 PE, 12 PE

A 12VIE M: 1 PE, 2 P2, 3 P1, 4 11, 5 9, 6 6, 7 5, 8 4A, 9 a, 10 3, 11 2, 12 1

1 2 d P1 P2 P3 P4 P5 PE

d=disponibile
d=free

A 12VIE F: 1 2 3 d 4A 5 6 9 11 P1 P2 PE

B 12VIE F: P3 P4 P5 AL AL1 LO/1 +PR +PR -PR -PR PE PE

I 4VIE F: P1 P2 P2 P5
IPS/IPD
PIANO 2
FLOOR 2

M 4VIE F: P1 P3 P3 P5
IPS/IPD
PIANO 3
FLOOR 3

N 4VIE F: P1 P4 P4 P5
IPS/IPD
PIANO 4
FLOOR 4

A 12VIE M: 1 2 3 4 5 6 7 8 9 10 11 12 / 1 2 3 d 4A 5 6 9 11 P1 P2 PE

B 12VIE M: 1 2 3 4 5 6 7 8 9 10 11 12 / P3 P4 P5 AL AL1 LO/1 +PR +PR -PR -PR PE PE

n2 CAVO VOLANTE 12x1mmq *TRAVELLING CABLE*

n3 CONN. 12Vie F AMP 1-480709-0
n3 CONN. 6Vie F AMP 1-480705-0
n5 CONN. 4Vie F AMP 1-480703-0
n68 PIN SOCKET femmina AMP 350570-1
n9 MORSETTO A CAMPANA diam.4mm

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16

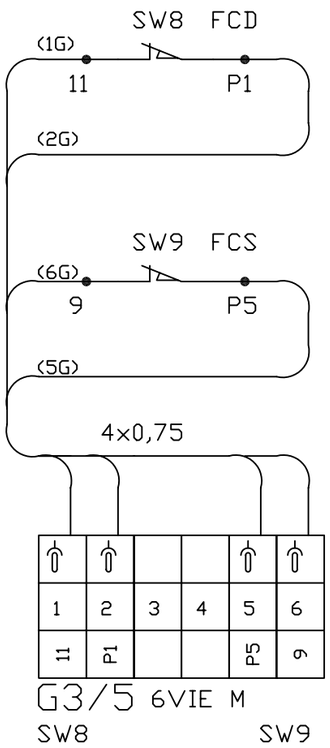
Daldoss Elevetronic

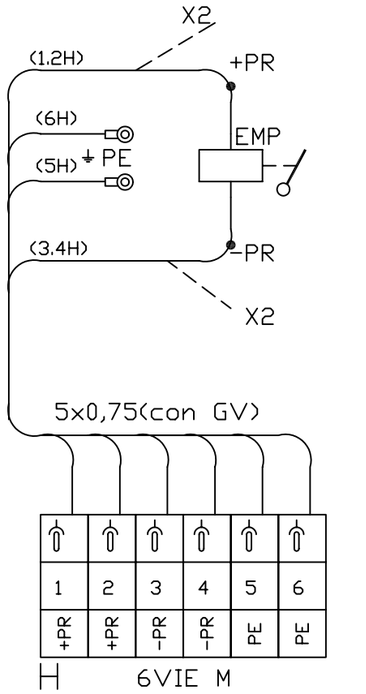
DOCUMENT NUMBER PE.1.IZ4.07
REV. 2

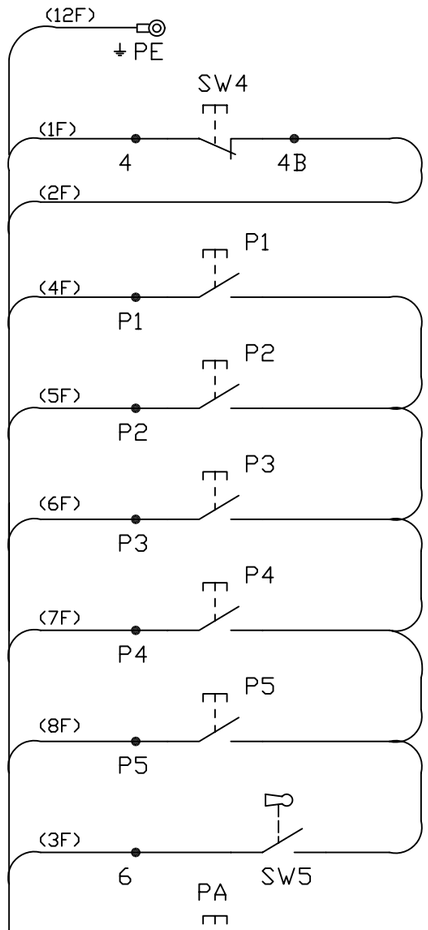
CIRCUIT DIAGRAM
PANELLO SERVIZIO EASYLIFE PE 5F
CAR OPERATION PANEL

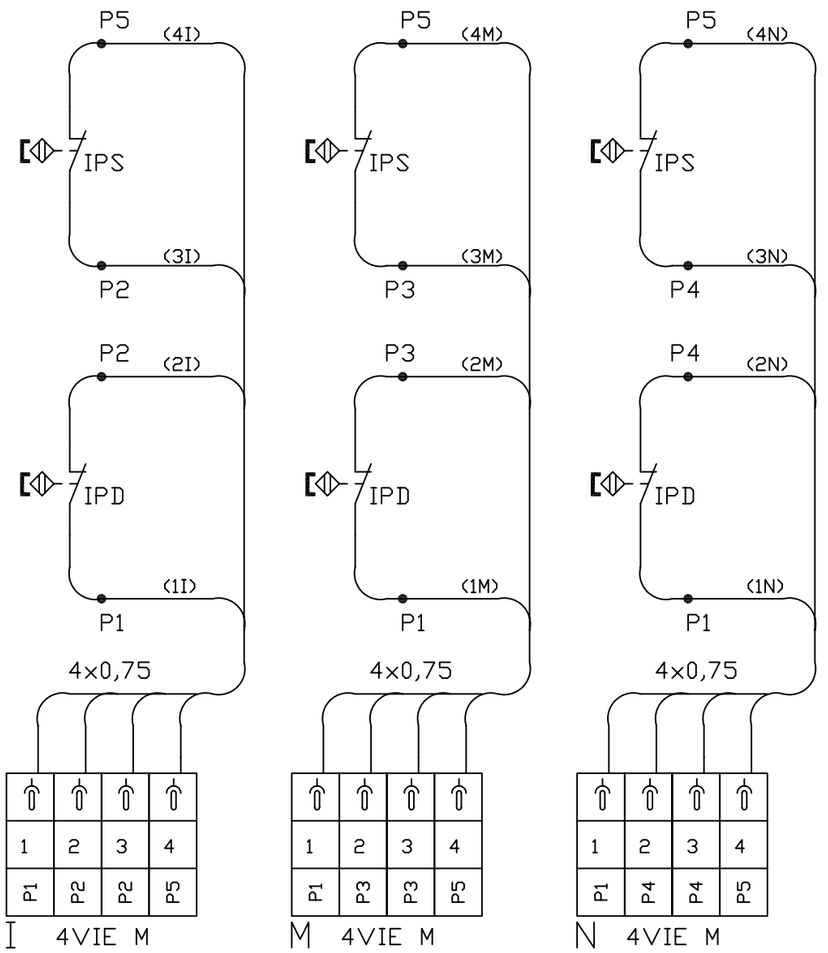
DRAWN BY
CHECK

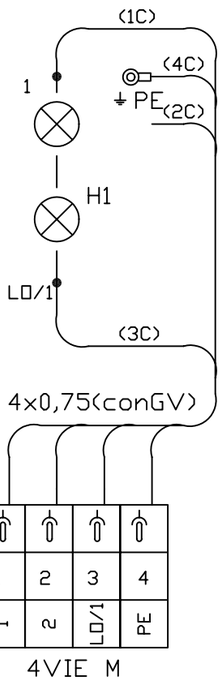
DATE 13/12/01
REPLACING DWG REV. 1 – 30/06/00
SHEET 1
N. MANOEUVRE
OF 2

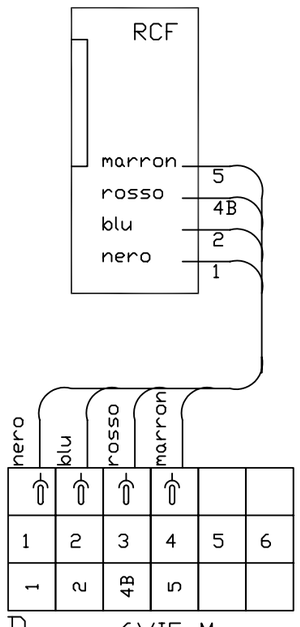


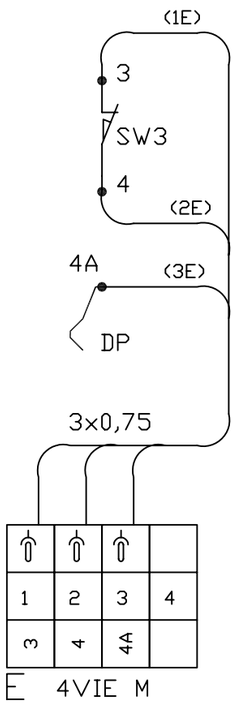


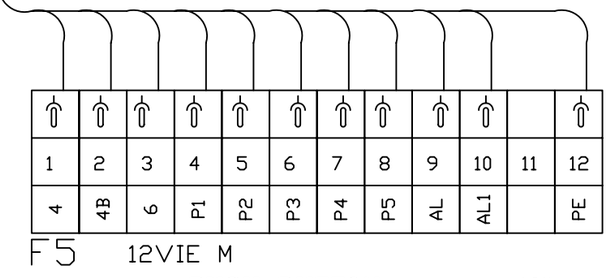












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Daldoss Elevetronic

DOCUMENT NUMBER PE.1.IZ4.07
REV. 2

CIRCUIT DIAGRAM
PANELLO SERVIZIO EASYLIFE PE 5F
CAR OPERATION PANEL

DRAWN BY
CHECK
DATE 13/12/01
REPLACING DWG REV. 1 - 30/06/00
SHEET 2
N. MANOEUVRE
OF 2

PRE-COMMISSIONING AT END OF INSTALLATION

PRE-COMMISSIONING FORM

CUSTOMER	BUILDER	JOB SITE	MODEL/YEAR

MACHINE ROOM

- ☐ Check on motor
- ☐ Check on controller
- ☐ Check on safety devices
- ☐ Check on emergency devices
- ☐ Check on Pump Unit
- ☐ Check on oil bathed pump
- ☐ Check on oil pipes
- ☐ Check on free spaces
- ☐ Check on alarm device (if present)
- ☐ Limit on piston travel
- ☐ Max static pressure
- ☐ Valve group

PIT

- ☐ Check on internal pit areas
- ☐ Check on the mechanic pit prop

PLATFORM

- ☐ Check on cabin walls installation
- ☐ Check on call/send push buttons
- ☐ Check on alarm button
- ☐ Check on emergency stop button
- ☐ Check plumbing of platform
- ☐ Check on floor levelling
- ☐ Check on emergency light

SHAFT

- ☐ Check on internal shaft areas
- ☐ Check on free spaces on the entrances
- ☐ Check on doors installation
- ☐ Check on door locks operation
- ☐ Check on emergency door switch
- ☐ Check on emergency key operation
- ☐ Check on call push buttons
- ☐ Check on key switches for landing push stations
- ☐ Check on shaft lighting (min. 50 LUX)
- ☐ Check on isolation resistance of different circuits
- ☐ Check on grounding of all the devices that can be under voltage accidentally

CAR FRAME

- ☐ Check on suspension and attachment devices
- ☐ Check on safety gears and acting devices
- ☐ Check on slack ropes contacts

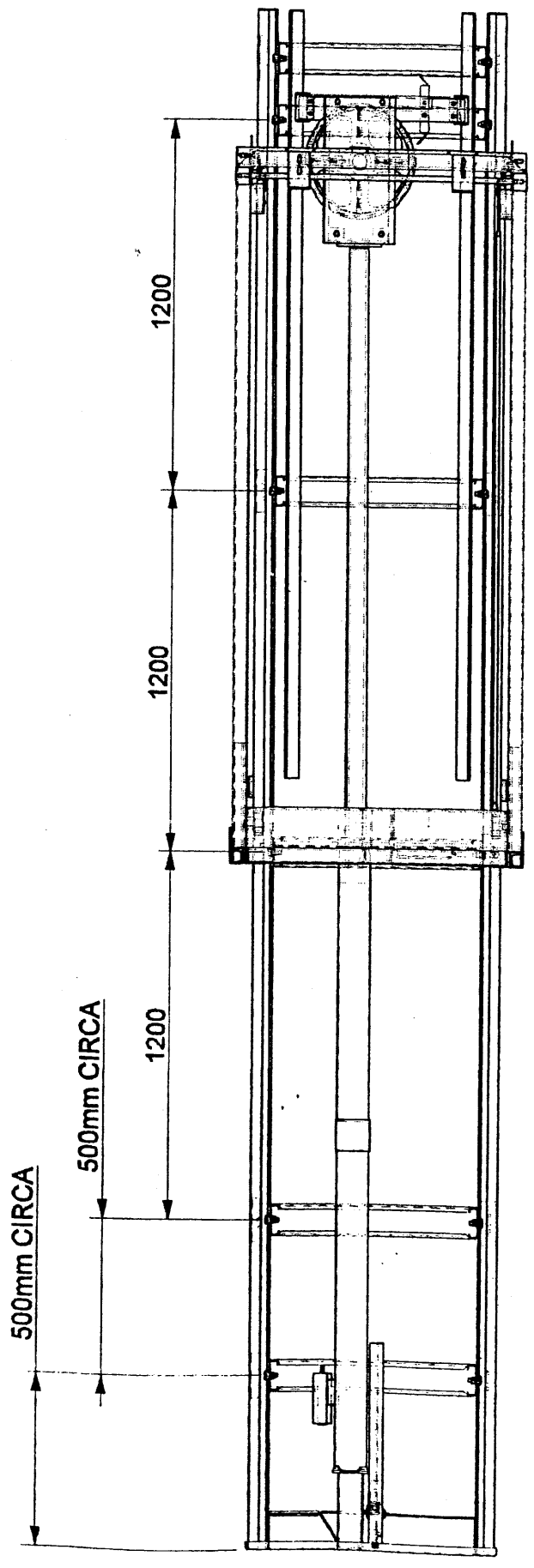
MISCELLANEOUS

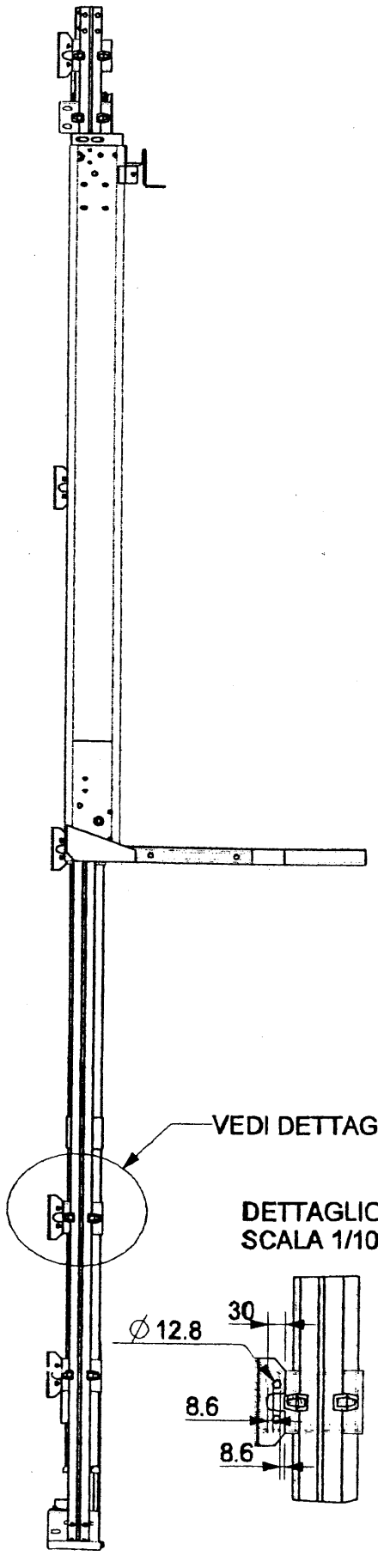
- ☐ All the documentation was given
- ☐ All the warning/instruction labels are installed
- ☐ Verbal instructions for using lift were given

REMARKS:

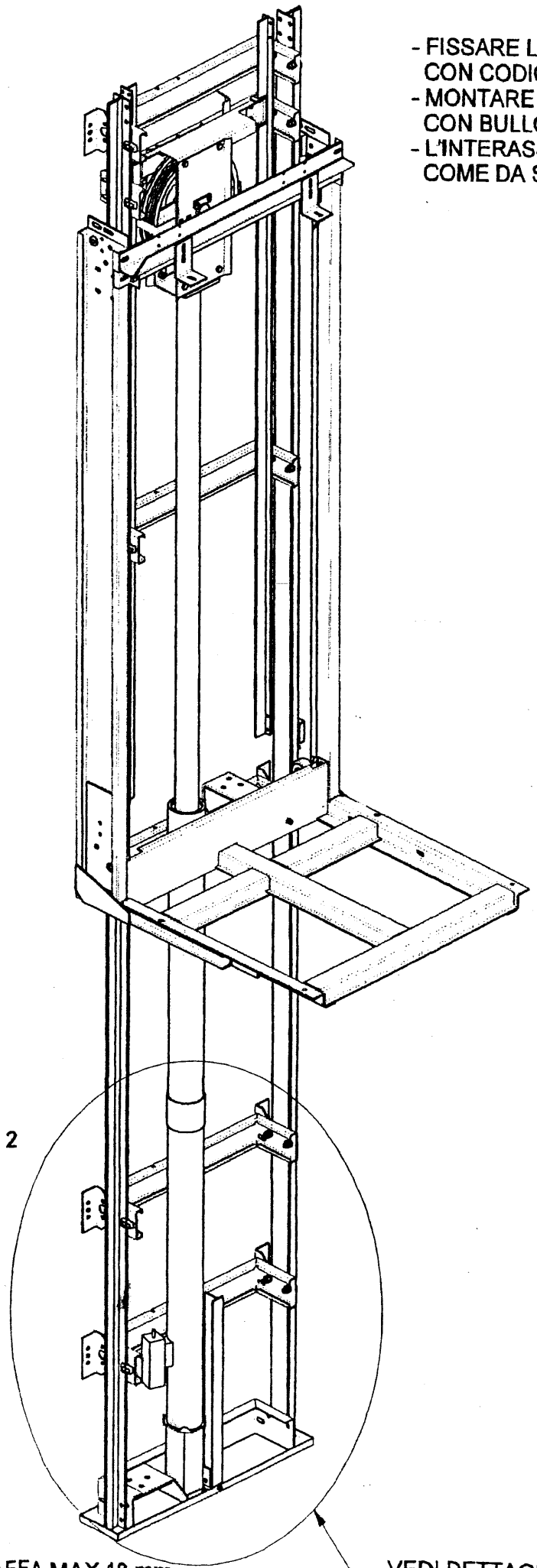
DATE:	FITTER SIGNATURE:

ISTRUZIONE MONTAGGIO FISSAGGIO MURO



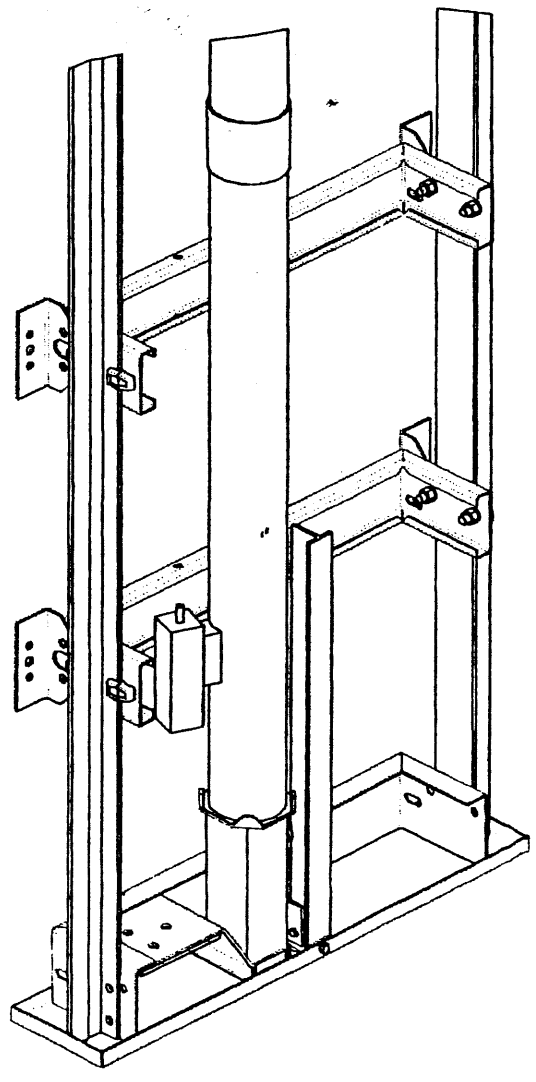


DETTAGLIO 2
SCALA 1/10



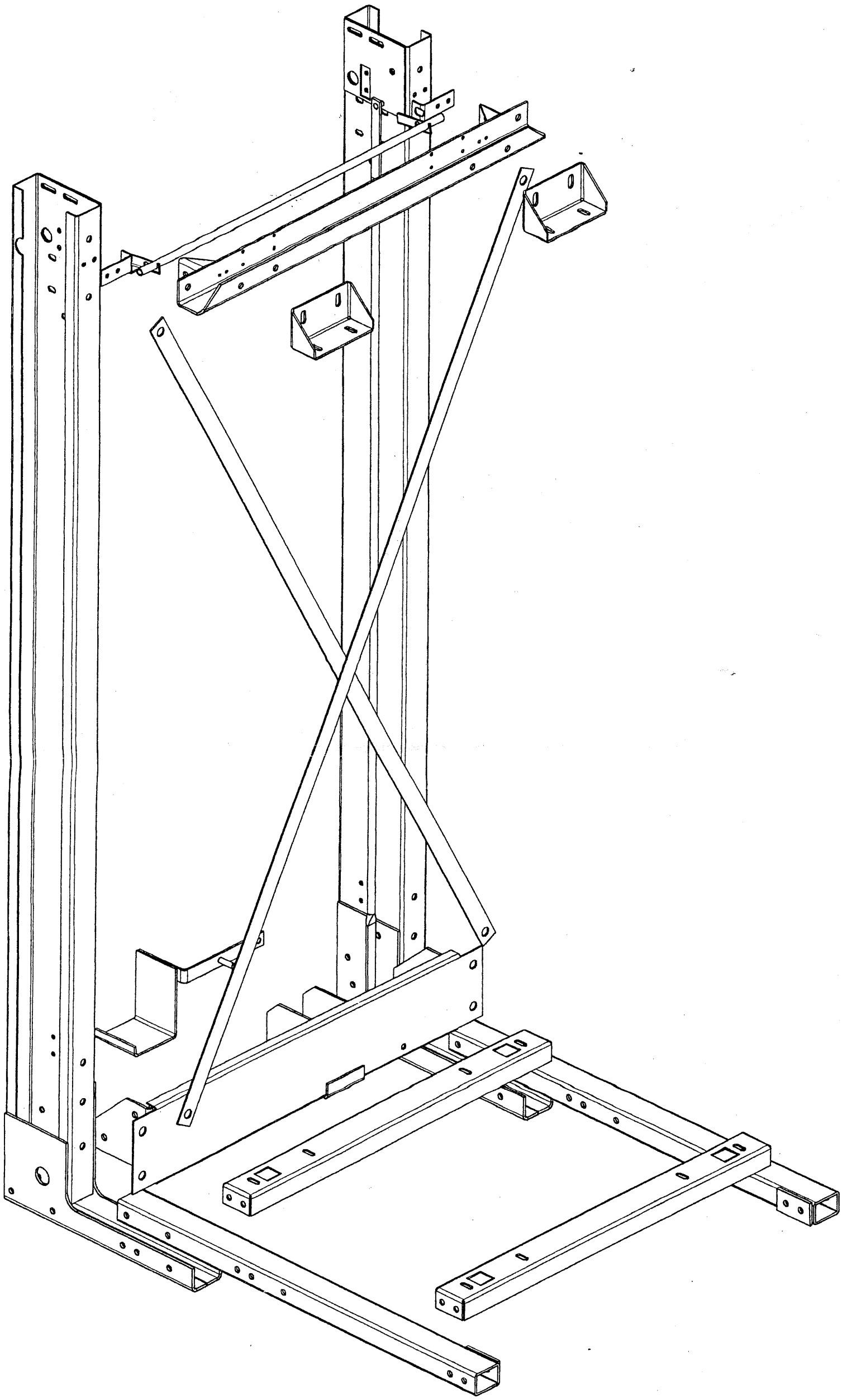
- FISSARE LA STAFFA
  CON CODICE 27004000 CON SPIT M12 AL MURO;
- MONTARE LA TRAVERSA FISSAGGIO GUIDE ALLA STAFFA
  CON BULLONE E DADO M12;
- L'INTERASSE DELLE TRAVERSE E' 1200 mm
  COME DA SPECIFICA DISEGNO ESECUTIVO.

DETTAGLIO 1
SCALA 1/10



SCARTAMENTO DI REGOLAZIONE GUIDA - STAFFA MAX 18 mm

ASSIEME ARCATA 350kg FOSSA 100



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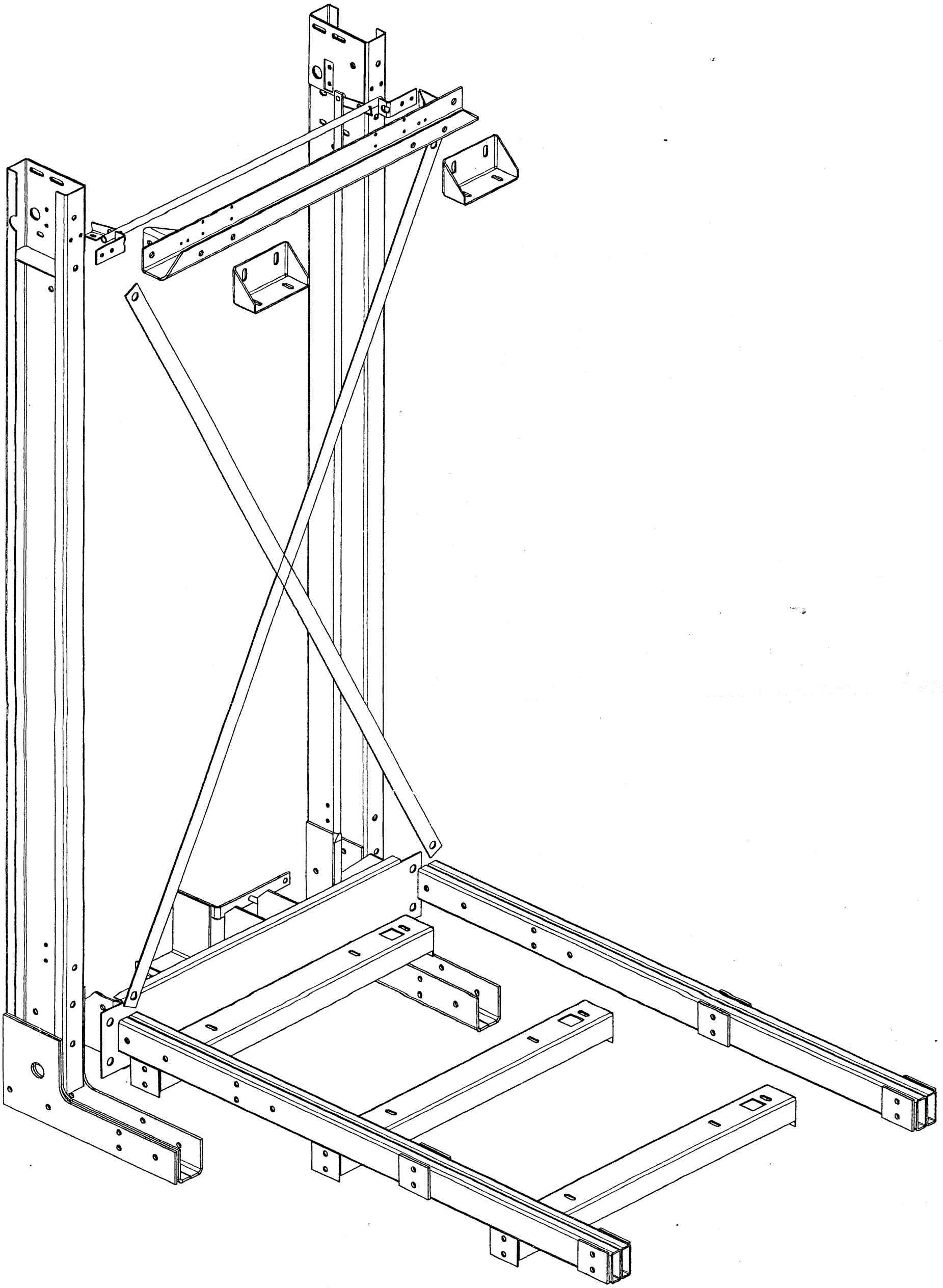
ASSIEME ARCATA 350kg FOSSA 150



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