

GREEN LIFT MRL-T 630kg

MAIN DATA

TYPE OF LIFT	PASSENGER
N° OF STOPS	3 pcs
LOAD ACC. TO TABLE 1.1:	630 kg
N° OF PERSONS	8 pcs
SPEED	0,60 m/s

SHAFT

SHAFT TYPE	Concrete
HEAD ROOM	3400 mm
TRAVEL	6800 mm
PIT	1100 mm
SHAFT WIDTH	1650 mm
SHAFT DEPTH	1750 mm

CAR

CAR TYPE	TMC
CAR WIDTH	1100 mm
CAR DEPTH	1400 mm
CAR HEIGHT	2170 mm
CAR FLOOR	80 mm
OPENING/-S	1 N°

DOORS

CAR DOOR	VICTORY
LANDING DOORS	VICTORY
FIRE RATING (EN81.58)	E-120
DOOR MOUNTING	Steel
CLEAR OPENING (CO)	900x2000 mm

WEIGHTS

CAR	280 kg
CAR DOOR	80 kg
CAR FRAME	146 kg
PULLY	34 kg

CAR FRAME

CAR FRAME	6305
N° ROPES/ Ø	4/9 mm
PULLY DIAMETER:	360 mm
GUIDE TYPE	T90/B
DBB- Distance Between Brackets	1600 mm
DBG- Distance Between Guides	800 mm
SAFETY GEAR	INTSANEOUS
BUFFERS	1 pcs

CYLINDER/ JACK

DRIVE	2:1
N° CYLINDERS	1 pcs
TYPE OF CYLINDER	1008SL
1 or 2 PCS	NO
CYLINDER DIMENSION	100x5 mm
CYLINDER LENGTH (L):	4206 mm
STROKE (LP):	4000 mm
RUPTURE VALVE	VC3006/B
OIL INLET:	Bottom

POWER UNIT

VALVE	GEV
TANK SIZE	GL
PUMP FLOW	150 l/min
MOTOR SIZE	9,5 kW
MOTOR VOLTAGE	415 VAC
RATED CURRENT	21 A
START CURRENT	31 A
TYPE OF START	SOFT START
MAX PRESSURE P2	31 Bar
MIN PRESSURE P1	14 Bar

FUSE IN ELEVATOR CABINET: **25A**

ONLY FINAL INSPECTION

Lift Type Approved according to the EC Type-Examination Certificate.

The temperature in the shaft and machineroom and must be between +15° - +40° Celsius.



INSTALLATION DRAWING

N°	CHANGE	DATE	REV. PAGES	Sig.
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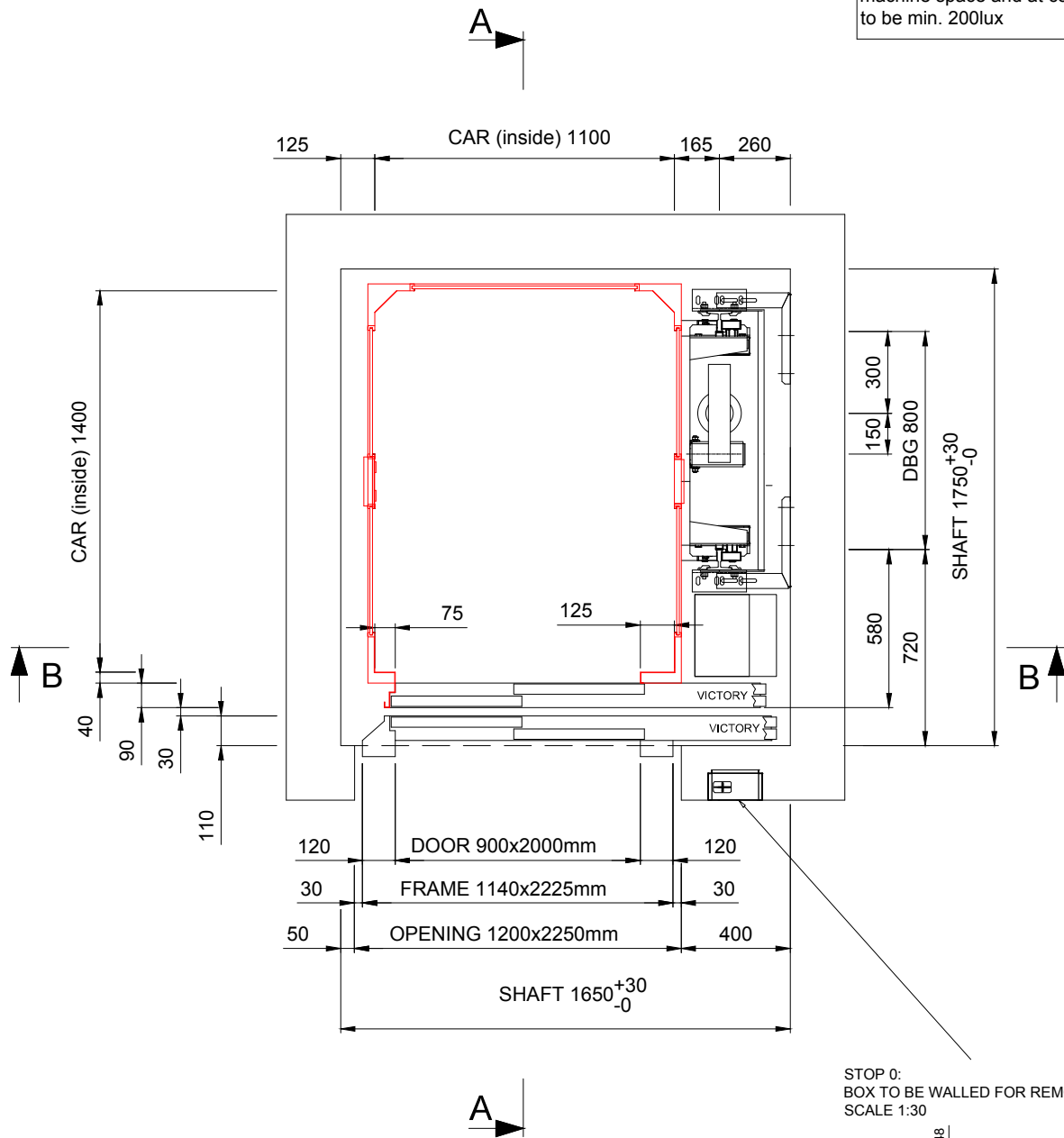


LOCATION
Q13207 - CE3049
630KG MRL-T

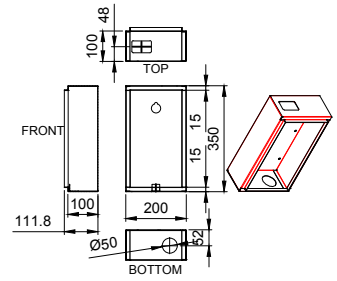
DATE	04/07/2011	OBJECT N°	
DRAWING N° (ORDER N°)	Q13207-1	DRAWER	GW
GMV-UK QUOTE N°	Q13207	GMV-UK ORDER N°	
PAGE/ OF	1/5	REVISED	0
		SCALE	1:1

The shaft shall have a permanent light acc. to the EN 81-2, §5.9.

Requirements for illumination in machine space and at controller is to be min. 200lux



STOP 0:
BOX TO BE WALLED FOR REMOTE CONTROL
SCALE 1:30



INSTALLATION DRAWING



CE LIFTS



LOCATION

**Q13207 - CE3049
630KG MRL-T**

DATE 04/07/2011	OBJECT N°
DRAWING N° (ORDER N°) Q13207-2	DRAWER GW
GMV-UK QUOTE N° Q13207	GMV-UK ORDER N°
PAGE/OF 2/5	REVISED 0
SCALE 25:1	

The shaft must have it's own natrual ventilation acc. to the EN 81-2,§5.2.3.

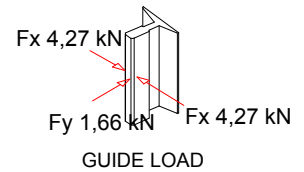
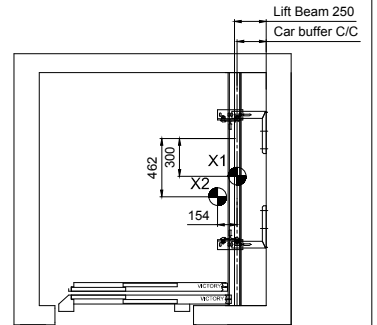
LIFT BEAM UC 156x156mm IN SHAFT TOP RATED min. 10kN.

DELIVERED AND INSTALLED BY SHAFT BUILDER

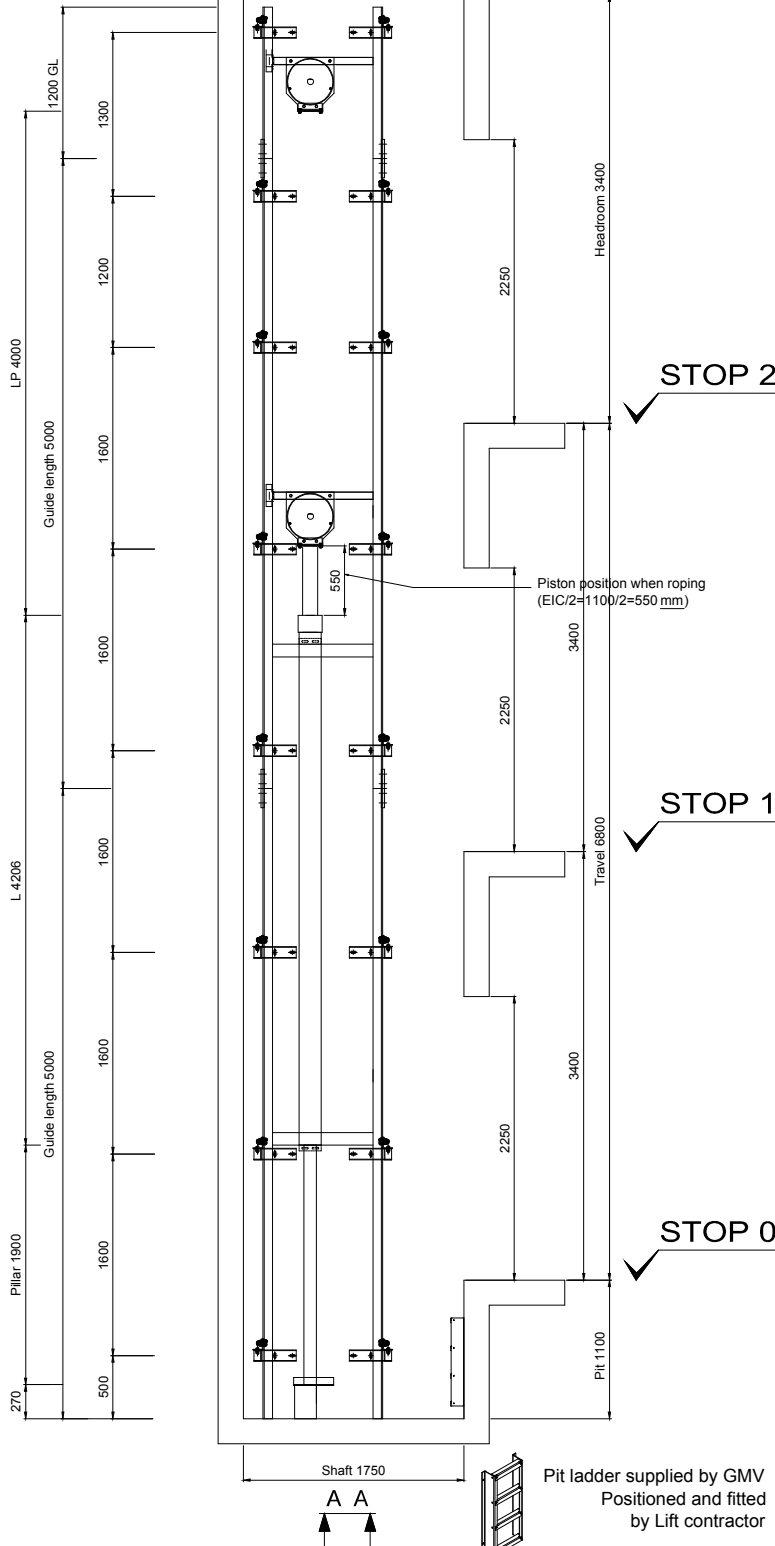
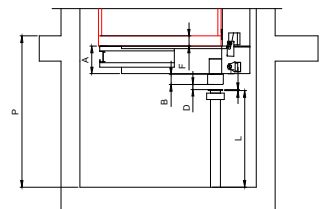
HEADROOM TAKEN TO THE UNDERSIDE OF LIFT BEAM

LIFT BEAM IN SHAFT- TOP min. 10kN.
To be supply & test in situation, mark max. safe working load to be clearly stated.

DYNAMIC LOAD:
X1: Cylinder: 22 kN
X2: Buffer: 45 kN



P- Pit	1100	[mm]
A- Car frame	-220	[mm]
F- Car floor	-80	[mm]
D- Buffer/ Car frame	-40	[mm]
B- Buffer	-80	[mm]
H- Hit	-8	[mm]
Buffer pillar: 428/448	L=652	[mm]
Calculation of EIC		
Lp x 2	8000	[mm]
Travel	6800	[mm]
ESC	100	[mm]
EIC	1100	[mm]



Pit ladder supplied by GMV
Positioned and fitted
by Lift contractor



INSTALLATION DRAWING



CE LIFTS

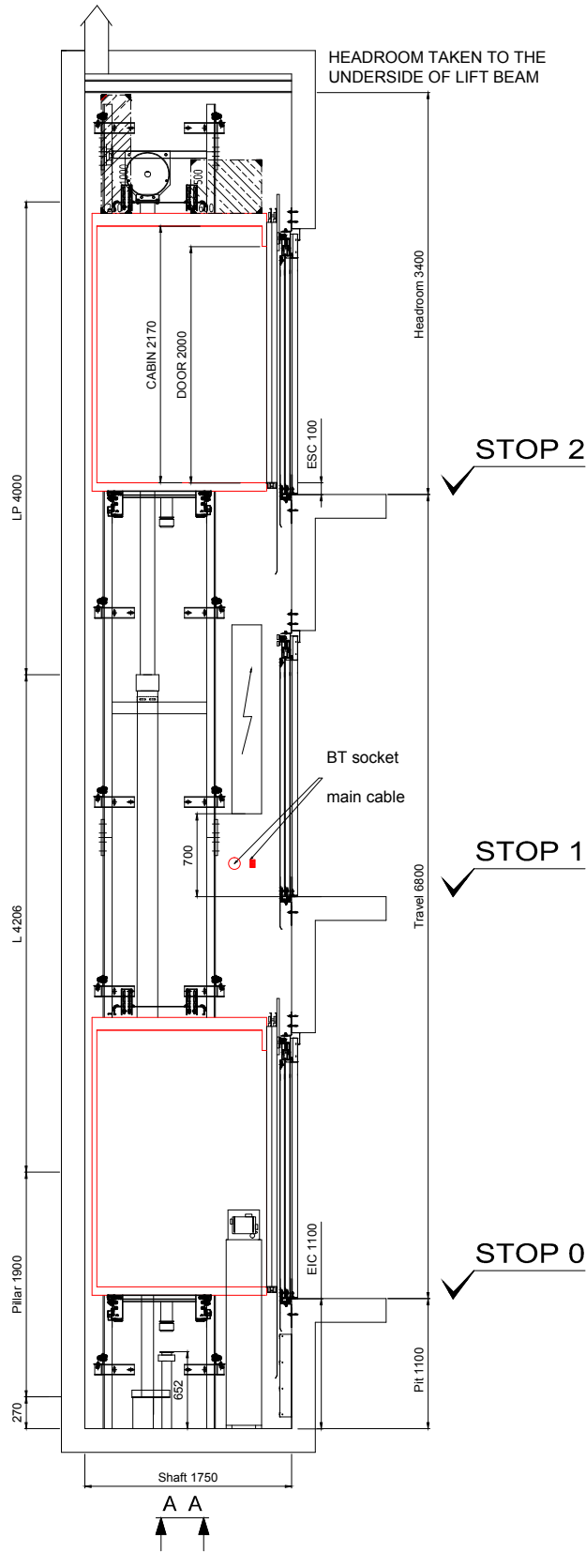


LOCATION

Q13207 - CE3049
630KG MRL-T

DATE	04/07/2011	OBJECT N°	
DRAWING N° (ORDER N°)	Q13207-3	DRAWER	GW
GMV-UK QUOTE N°	Q13207	GMV-UK ORDER N°	
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SCALE	60:1		

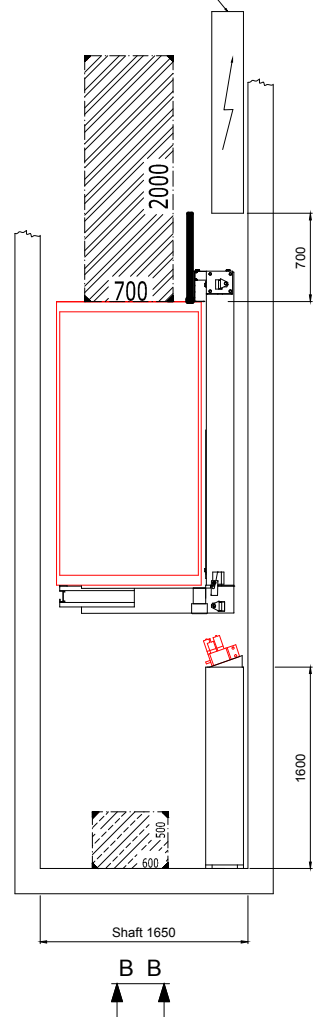
The shaft must have it's own natrual ventilation acc. to the EN 81-2,§5.2.3.



DOOR FRAMES (height):
 STOP 0: 2225mm
 STOP 1: 2225mm
 STOP 2: 2225mm

FOR ELECTRIC CONTROLLER

- BT Socket
Supplied & Fitted by Main Contractor.
- Consumer Unit, Supplied & Fitted by Main Contractor @ high Level.
- Main Switch for cabinett is supplied by manufacture, located in electric controler unit.



INSTALLATION DRAWING

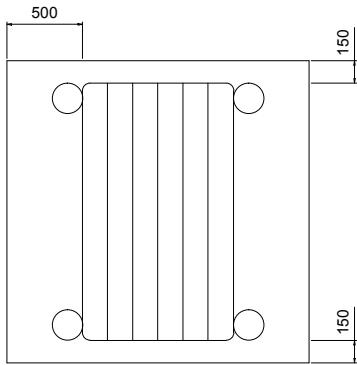


CE LIFTS

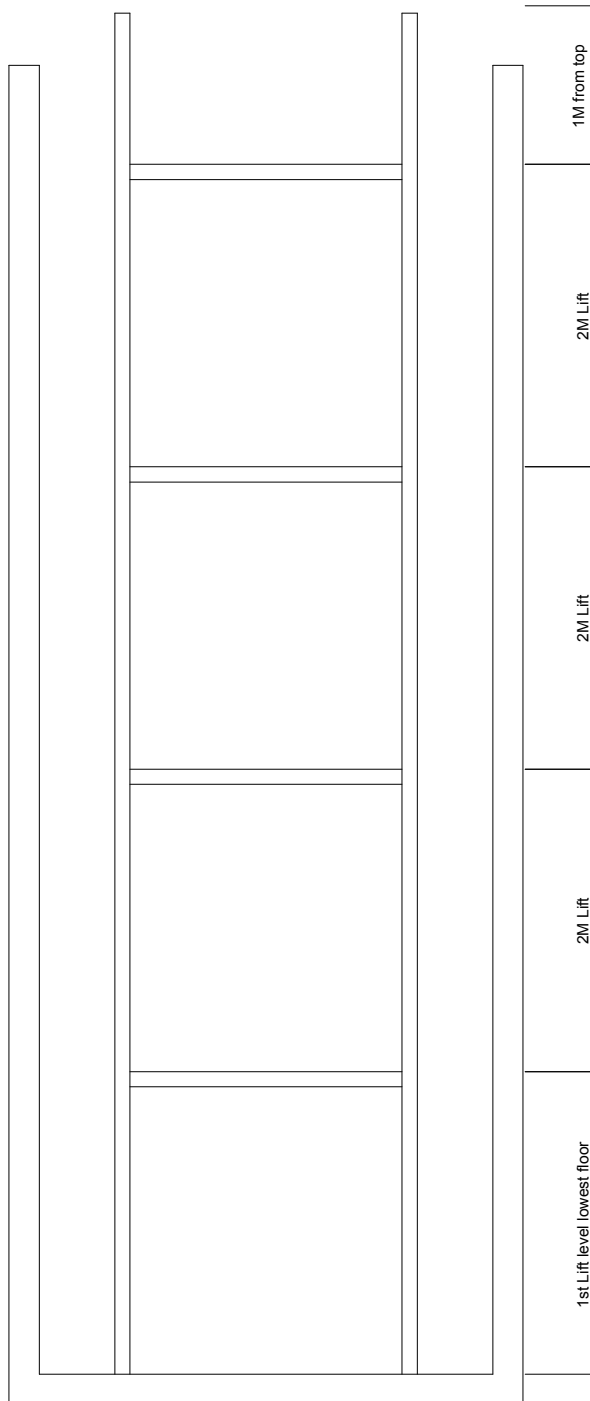


LOCATION
Q13207 - CE3049
630KG MRL-T

DATE 04/07/2011	OBJECT N°
DRAWING N° (ORDER N°) Q13207-4	DRAWER GW
GMV-UK QUOTE N° Q13207	GMV-UK ORDER N°
PAGE/OF 4/5	REVISED 0
SCALE 60:1	



Plan View



Elevation View

The temperature in the shaft and machineroom and must be between +15° - +40° Celsius.



INSTALLATION DRAWING



CE LIFTS



LOCATION

**Q13207 - CE3049
Scaffold Details**

DATE 04/07/2011		OBJECT N°	
DRAWING N° (ORDER N°) Q13207-5		DRAWER GW	
GMV-UK QUOTE N° Q13207		GMV-UK ORDER N°	
PAGE/ OF 5/5	REVISED 0	SCALE 50:1	

CE LIFT INSTALLATIONS LTD. BUILDERS WORK NOTES

N.B. All lift and builders items must be completed in accordance with EN81 and the Lift Regulations 1997 for the lift to be commissioned, CE Marked and put into service.

Failure to comply with the above could lead to criminal prosecution under Section 15 of the Lift Regulations 1997.

ATTENDANCES TO BE PROVIDED BY BUILDER

1. Datum lines A-A, represent the front of lift well. Datum lines B-B, represent the side of lift well. All dimensions are to be taken from these lines.
2. Construct lift shaft including plant and machine room
3. The lift shaft must be plumb -0mm, +25mm over full length, sizes must comply with our drawing. The lift finished floor level datum must be marked at each entrance.
4. The shaft must comply with the fire and building regulations.
5. Load bearing walls must be 9" brick or 7 newton block high density (not low density)
6. Provide ventilation at the top of the shaft to the atmosphere (min 1% of shaft cross sectional area).
7. Provide suitable access into building and lift shafts suitable for a component length of 5.0M.
8. The pit must be permanently watertight and the surface must be smooth, level and painted. The concrete base should be designed to take the loads stated on the drawing. The pit depth must be accurate to +/-20mm.
9. Provide and fix temporary guards around lift entrances to comply with the health and safety at work act requirements.
10. The machine room shall be damp free and have permanent ventilation to the atmosphere (not less than 300 x 300mm). The machine room temperature shall be maintained between 15 and 35 degrees Celsius. (MRL NOT REQUIRED)
11. Motor rooms should be provided with FB3 self door locks
12. The floor shall be oil tight, painted and a bund wall not less than 100mm high shall be fitted across the entrance. (MRL NOT REQUIRED)
13. Provide 2 x 150mm holes through the machine room wall into the shaft, position to suit our engineer. Should the machine room be remote from the shaft, 2 x 100mm ducts shall be provided between the shaft and machine room. The ducts shall allow access for hydraulic pipes and electrical cable and where bends are necessary; these are to be "slow" bends. (MRL NOT REQUIRED)

CE LIFT INSTALLATIONS LTD. BUILDERS WORK NOTES

14. The front return walls shall be built as shown and finished following the final fixing and positioning of our entrance frames. All recesses shall be completely filled in, in accordance with our drawing.
15. A lifting beam shall be fixed at the head of the lift shaft. The beam shall be tested and certified and marked with SWL 1000kg.
16. Provide scaffolding, planks and ladder within the lift shaft (to comply with the local safety officer's requirements).
17. Clear away all builders' work debris before, during and after erection of the lift.
18. Skip to be provided by others for our refuse.
19. Shaft walls to be sealed and painted white.
20. Lift shaft should not be built until drawings are approved or as agreed on site.
21. Front entrance returns not to be built until the lift is installed.

ELECTRICAL REQUIREMENTS

22. Provide temporary power and lighting during installation of the lift.
23. Provide a permanent 3 phase and neutral supply terminating in a switched fused isolator with the 40 amp HRC fuses fitted (motor room fuses).
24. Provide a 40amp single-phase supply to the motor room terminating in a consumer unit (minimum four way) The consumer unit needs to supply items listed in 25.
25. A. socket outlets. B. 1 x 6 amps MCB for lift car light. C. 1 x 6amp MCB for lift shaft lighting. D. 1 x 6amp MCB for motor room heating. Provide adequate lighting to the lift motor room (incorporating emergency lighting). The lighting required is 200 lux minimum. The lighting to be switched from an easily accessible light switch suitably positioned.
26. Provide a switched socket outlet in lift pit (socket outlet in lift pit to be RCD type).
27. Provide telephone point in lift motor room clearly identified.
NB. THIS MUST BE ANALOGUE
28. Provide shaft lighting with two way switching from both machine room and the lift shaft. Lift shaft light switch to be located 1300mm from lowest finished floor level (not pit floor level) must be easily accessible from landing entrance. NB. Position of shaft lighting to be 500mm from top and bottom of shaft and at each floor level for minimum 200 lux at all points.

**CE LIFT INSTALLATIONS LTD.
BUILDERS WORK NOTES**

29. Provide 110 volt power points at each level within 5 metres of lift shaft entrances.
30. The Lux Level for all landing floor levels must exceed 50 LUX as part of our test document requirements

The above notes are for guidance and any alterations or variations must be agreed by the Lift Company in writing prior to the commencement of the contract.