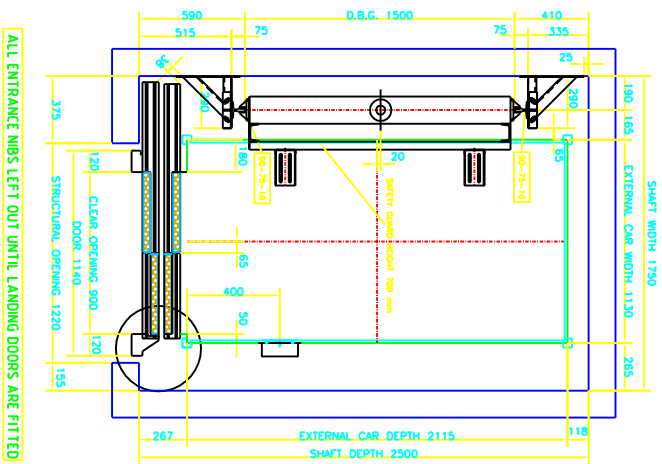
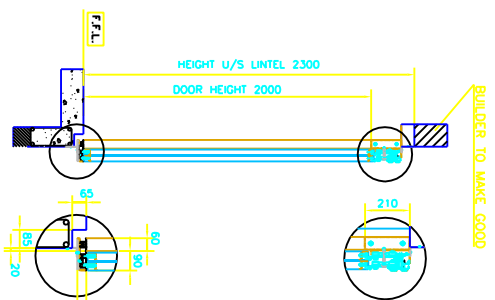


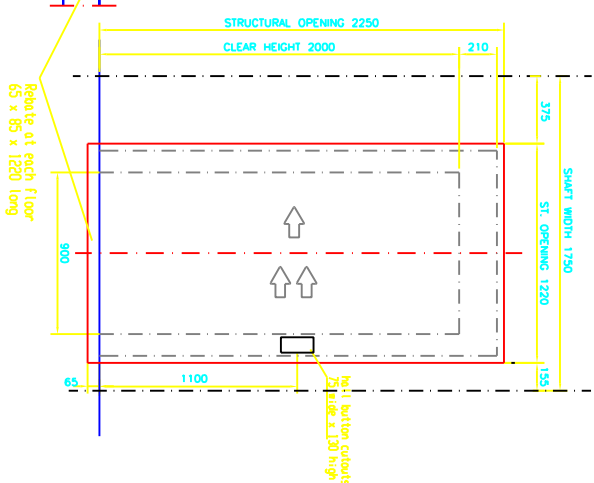
**PLAN VIEW**  
Scale 1:20



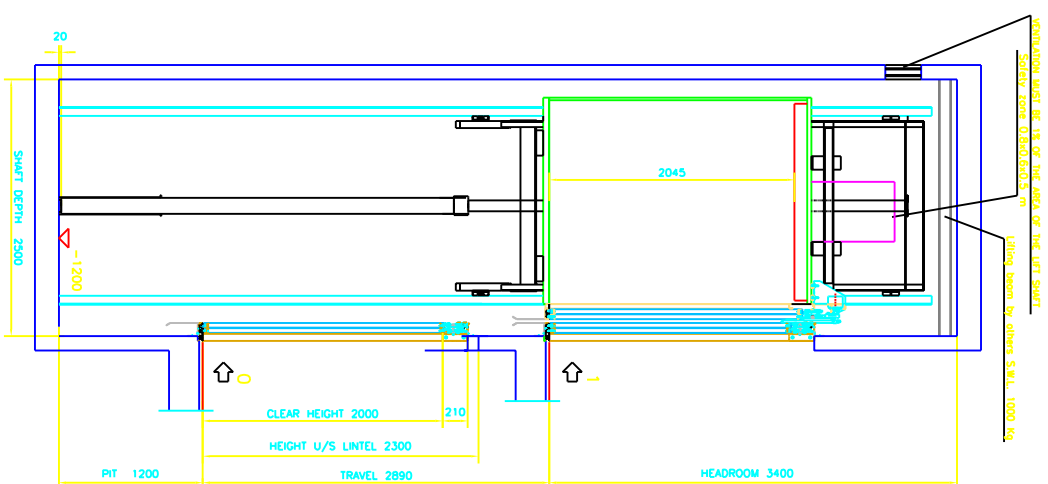
**SILL DETAIL**  
Scale 1:25



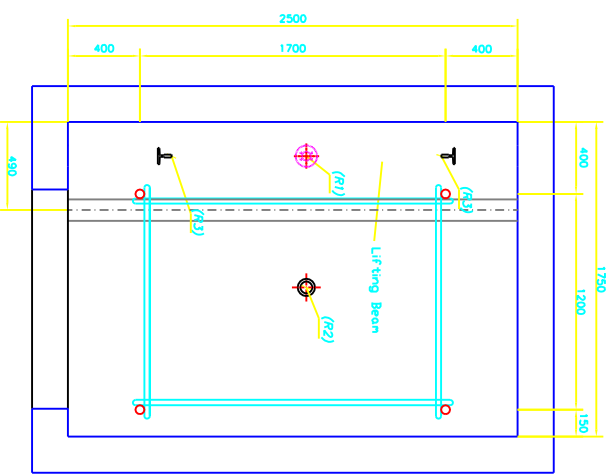
**DOOR FRONT VIEW**  
Scale 1:20



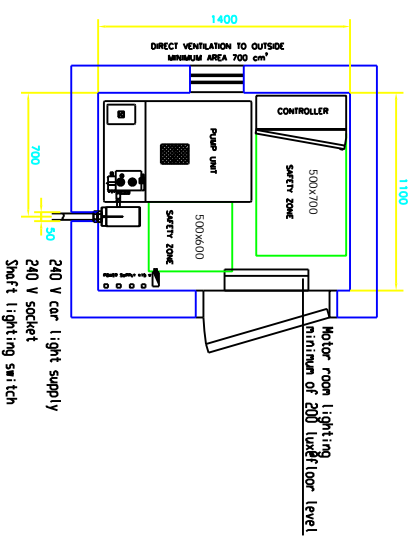
**ELEVATION**  
Scale 1:30



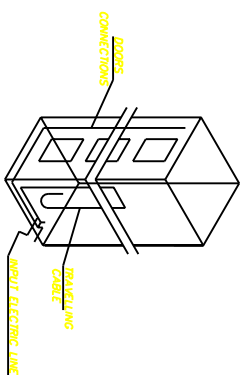
**LIFTING BEAM POSITION, SCAFFOLDING AND PIT LAYOUT DETAIL**  
Scale 1:20



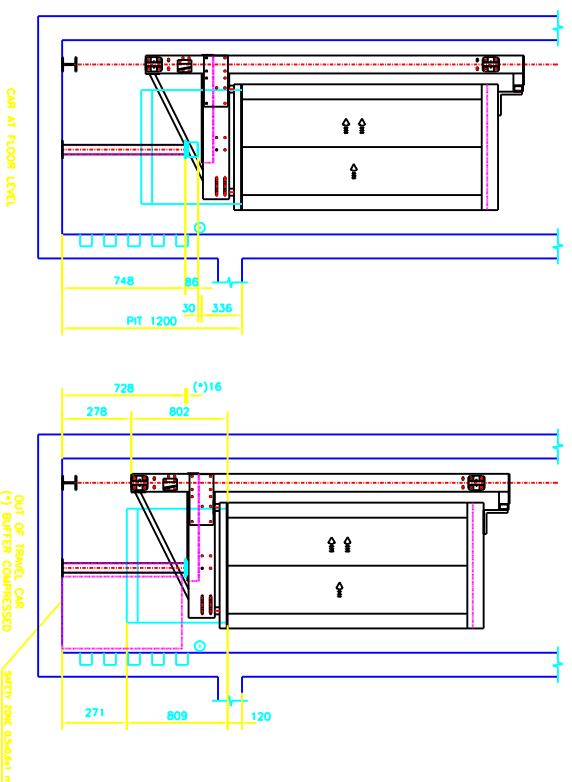
**MACHINE ROOM**  
Scale 1:20



**BASIC SQUEME**



**PIT DETAIL**  
W/S



**GENERAL CHARACTERISTICS**

REFERENCE CLIENT	017	REFERENCE CP	0100003626
MODEL LIFT	H-06	SUSPENSION	1 : 1
NOMINAL LOAD (kg)	1000	CAPACITY (n° PERSONS)	13
SPEED (m/s)	0.40	TRAVEL (mm)	2890
STOPS (n°)	2	LEVELS SERVED (n°)	2
TYPE GUIDE CAR	T-	MAX. DIST. BETWEEN FLOORS (mm)	1500
n° FINISHES	6		
CAR FRAME TYPE	CH-1000/M 1:1	MODEL CAR (COD.)	EB90
n° PULLEY	-	TYPE BUFFERS/n° (COD./n°)	300422
n° ROPES /n° (mm/n°)	-	COMPOSITION OF ROPES	-
LENGTH ROPES (mm)	-	ROPE ROTURE LOAD (N)	-
LENGTH CYLINDER (mm)	3190	JACK SECTIONS	1
n°/THICKNESS CYLINDER (mm)	90/5	MAX. PRESSURE (g/m)	34.7
HYDRAULIC (l/min.)	150	POWER (CV)	13
TYPE OF OIL	KRAFFT	LITRES (l.)	160
VALVES VOLTAGE (V)	110	START	DR □ DR-A
CONTROL (COD.)	MICROBASIC	MAINS VOLTAGE (V)	415
MAINS FREQUENCY (Hz)	50	CONTROL VOLTAGE (V)	415

**CALCULATIONS**

WEIGHT	kg	N.	REACTIONS ON GUIDE
CAR	522	+	5120,82 REACTIONS ON CAR GUIDES
NOMINAL LOAD	1000	+	9810 Sp. 5410,37 N Sp. 2080,39 N
FRAME	218	+	2138,58 MAXIMUM REACTIONS ON WALLS
CAR DOOR	160	+	1569,6 Sp.1 5410,37 N Sp.1 2080,39 N
ROPES	0	=	0
TOTAL LOAD	18520	+	18539
PISTON + ACCESSORY			306,02
TOTAL LOAD CYLINDER			18845,02x
COEFF. INCREASE OVER PRESSURE	1,4	=	
DYNAMIC LOAD	86523	+	
CYLINDER/OIL/RAIL STAND			1618,65x
LOADING IN JACK			28141,75
LOADING IN BUFFER			74556
LOADING IN GUIDE			193552,31

**WORK BY THE CUSTOMER**

**SHAFT:** The structure of the shaft must be built according to the national building code. That of the shaft must resist a pressure of 80 N/cm<sup>2</sup>. Nominal dimensions according to the drawings. Vertical clearance from (-10) to (+40 mm). Shaft protection fitted. Floor levels marked. Lift installation pressure only permitted in shaft. The recommended shaft ventilation is 1% of its transversal section (according to S.2.3. EN 81-1/21).

**LIGHTING:** minimum in the shaft 50 Lux, 1 meter above the car roof and in the shaft pit, using a lamp 0,5 m. above the pit floor and 0,5 m. under the shaft top.

**MACHINE ROOM:** Easy access, properly ventilated, having electric lighting with 200 lux of the floor level and controlled temperature between 5°C and 40°C. Not slab and leveled non slip and dust sealed floor. Hoses having a vertical protection (5 cm. height). Concrete in floors. Suspension hook above the hydraulic tank (according to 6.3.7. EN 81-1/21). The shaft must be fitted with bolts having length which can be opened without any form of the room (according point 6.3.11. And 6.3.13. EN81-1/21). Exclude use of any other material in the room.

**ELECTRIC SUPPLY:** in the machine room, including statutory machines and wiring up to the control. Statutory clearly identified. Main which must be of stable position (m/only), its oil position having to be fixed by any lighting: 50 Lux of floor level.

**VENTILATION:** of all the electric installation according the statutory prescriptions in the harmonizing document HD 384-3-54 ST from CIBSELTC.

**PIT:** the pit floor must be laid and leveled, protected against water seeping. A means of permanent access to the pit must be taken into account. Pit must be prepared to bore the loads according to drawings.

The project carries out the rules EN. 81.2. For eventual rules of local buildings (Town Council - Province - Region - Fremas) the client is responsible and he has to control the fulfillment. The present project is developed by means of the localized information. The client must be aware that the project is a technical document. Any modification which affect their construction, will lead to the inspection of our OFFER CONTRIBUTION.

**FOR INSTALLATION**

DATE	NAME	CLIENT	REFERENCE:
29/04/03	S.C.A.	WORK SITUATION:	REV. 0
29/04/03	D.C.E.		

**QUANTUM SERVICES**