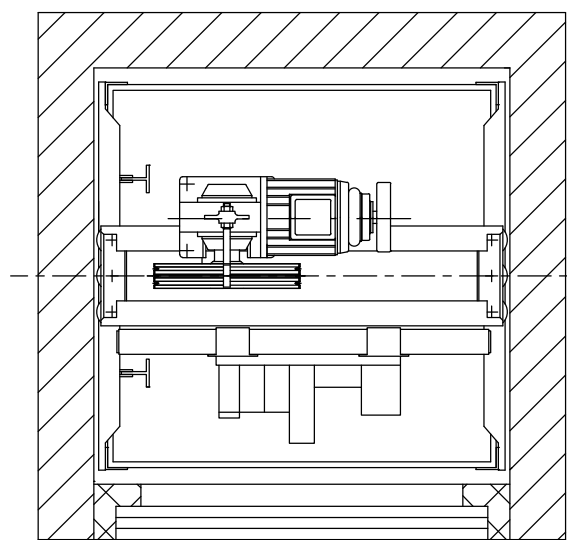


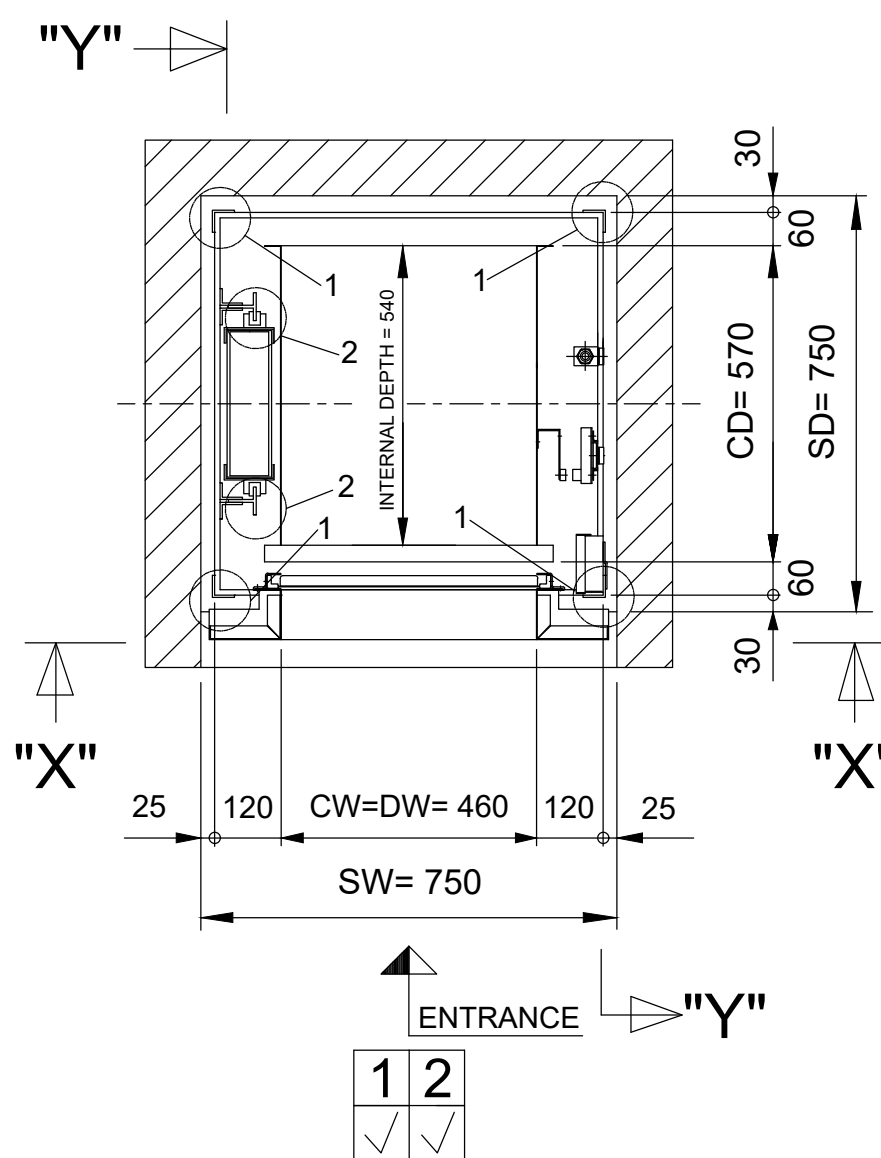
ALL DIMENSIONS ARE IN MILLIMETRES



### MACHINE ROOM ACCESS BY OTHERS

## PLAN AT MACHINE LEVEL

## SECTION THROUGH A-B



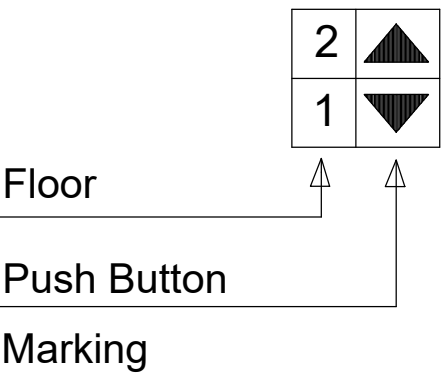
## PLAN OF WELL

## SECTION THROUGH C-D

**ERECTORs PLEASE NOTE! THIS LIFT IS SUITABLE FOR A MAXIMUM TRAVEL OF 4000MM. IF THE TRAVEL DIMENSION ON SITE IS LESS THAN 4000MM THE GUIDES/CORNER ANGLES MUST BE CUT TO THE CORRECT LENGTH DURING INSTALLATION.**

NOTE! LIFT CANNOT BE INSTALLED UNLESS  
ENTRANCE WALL IS LEFT FULLY OUT!

DW = Door Width  
DH = Door Height  
CD = Car Depth  
CH = Car Height  
CW = Car Width  
SD = Shaft Depth  
SW = Shaft Width  
SL = Serving Level  
FFL = Finished  
Floor Level



## LIST OF BUILDERS WORK.

1. Form trimmed hole through floor to size given.
2. Prepare, level and finish the pit floor at the lowest level served to receive the lift structure. (See separate note regarding loads)
3. Provide and fix enclosure work after erection of lift to form totally enclosed lift shaft to comply with any requirements of any local and fire authority regulations. All enclosure materials must be incombustible. If fire rated doors are being supplied, the shaft construction to be in accordance with EN81-58 requirements (min. 100mm thick blockwork or masonry with a min. density of 600kg/m³). If the enclosure has to be built before installation, it is imperative that the shaft enclosure is square and plumb with a tolerance on size -0mm to +20mm.
4. The entrance wall must be left out from floor to ceiling by full width of shaft.
5. A safe machine room access has to be ensured. Ladders are only admissible when the sill of the inspection door is not more than 2.7 metres above floor level. Also around the ladder, within a horizontal distance of 1.5 metres, there must be clear solid ground to avoid the risk of falling by more than the height of the ladder. A clear area of at least 700mm D x 600mm W is required in front of the sill access door.
6. All shown dimensions for heights are based on finished floor to floor heights.
7. The machine room temperature must be maintained between +5°C and +40°C
8. Provide electrical supply for the machine room, positioned on the outside of machine room shaft wall. In the absence of a shaft wall, it must be positioned within a maximum distance of 1 metre from machine room. Identification labels must be affixed.
  - a) Provide and fit a single pole & neutral switchfuse (lockable in OFF position) to suit 0.75 kW motor, 14.7 A starting current, 4.3 A running current. Drill a Ø20mm hole through the back of the box and through lift shaft wall into the motor room.
  - b) Provide and fit an RCD Protected 13 A fused spur (switched) adjacent to the above and connected to the input side of (a). Drill a Ø20mm hole through the back of the box and through the lift shaft wall into the motor room.
9. Provide clear access from road to lift shaft for largest item of equipment : 570mm wide x 570mm deep x 1000mm high.
10. The illumination (either artificial or natural) in the area surrounding the lift entrance should be a minimum of 50 lux.
11. Provide temporary guarding around lift shaft to give a minimum of 1.5 metres clear working space around perimeter of shaft.
12. Provide scaffold boards to form working platforms, at minimum of 2.5 metres vertical centres. 6 OFF boards reqd. x 740mm long.
13. Provide ladders as required by lift installers.

APPROXIMATE LOADINGS:

- |                                                       |   |         |
|-------------------------------------------------------|---|---------|
| 1 Load per Corner Strut                               | = | 5.7 kN  |
| 2 Load on each buffer (metal stops affixed to guides) | = | 13.8 kN |
| 3 Kinetic Energy due to free fall of car and load     | = | 19.6 kN |

|                                                                                          |   |                   |                                    |          |
|------------------------------------------------------------------------------------------|---|-------------------|------------------------------------|----------|
| APPROVED BY:                                                                             |   |                   | DRAWN:                             | DATE:    |
| REVISIONS                                                                                | A | ELECTRICAL DETAIL | M.O                                | 10.10.12 |
|                                                                                          | B | ELECTRICAL DETAIL | J.P.                               | 02.01.24 |
|                                                                                          | C |                   |                                    |          |
|                                                                                          | D |                   |                                    |          |
| LIFT TYPE: 50.45/4                      LOAD: 50 kg                      SPEED: 0.45 m/s |   |                   |                                    |          |
| ELECTRICITY SUPPLY: 240 Volts   1 Phase   50 Hz                                          |   |                   |                                    |          |
| DRAWN:     D.G.D                                                                         |   | DATE: 25.08.10    | DRAWING NO.<br>ADV50-2-S-CS-1PH/1B |          |
| CHECKED: I.C.W                                                                           |   | DATE: 25.08.10    |                                    |          |
| THE "ADVANTAGE 50"                                                                       |   |                   |                                    |          |