

OWNERS TO PROVIDE FOLLOWING ITEMS PER ELEVATOR

1. ADEQUATE VENTILATION FOR MACHINE ROOM WITH RAIN PROTECTED WINDOWS OR LOUVERS OR AIR. CONDITIONING SYSTEM IN MACHINE ROOM.
2. POWER AND LIGHTING CIRCUITS AND SWITCHES :-

A. 3 PHASE POWER WIRING ( FEEDER SIZE 6 SQmm TO BE PROVIDED AND TERMINATED ON RCB (MAIN SWITCH) IN MACHINE ROOM.

B. ADEQUATE PERMANENT LIGHTING TO BE PROVIDED IN THE MACHINE ROOM AND HOIST WAY.

C. CONVENIENT OUT LET 15A / 5A IN THE MACHINE ROOM FOR USE OF POWER TOOLS BY ERECTOR.
3. SUITABLE ACCESS DOOR WITH LOVERS TO MACHINE ROOM.
4. SUITABLE HOISTWAY WALLS TO FIX GUIDE RAILS BRACKETS AT MAX VERTICAL SPACING AS SHOWN ON SHAFT ELEVATION PLAN.
5. WALL POCKETS AS PER ERECTOR REQUIREMENTS WHICH SHOULD BE MADE GOOD TO FINAL FINISH.
6. UNLOCKING DEVICE AT ALL LANDINGS.
7. GROUNTING OF SILL IN PLACE FILLING IN & PATCHING AROUND ENTRANCE.
8. STEEL DOOR FRAMES.

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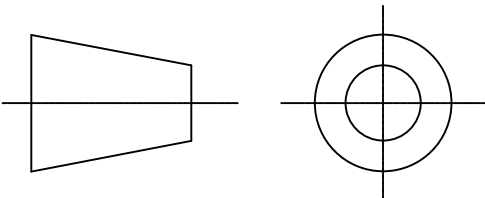
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REFERENCE NUMBER :

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# TECHNICAL SPECIFICATIONS

|                       |                             |
|-----------------------|-----------------------------|
| LIFT TYPE.            | MR – PASSENGER              |
| RATED LOAD            | 408 KGS.                    |
| NUMBER OF PERSONS     | 06                          |
| RATED SPEED           | 1 m/s.                      |
| DRIVE SYSTEM          | VVVF                        |
| TOTAL TRAVEL          | 12000mm                     |
| NUMBER OF FLOORS      | G + 4                       |
| CABIN ENTRANCE        | 01                          |
| LANDING DOOR OPENING  | 700 – AUTOMATIC CENTER OPEN |
| CAR DOOR OPENING      | 700 – AUTOMATIC CENTER OPEN |
| DOOR HEIGHT           | 2000mm                      |
| CABIN INSIDE WIDTH    | 1200mm                      |
| CABIN INSIDE DEPTH    | 950mm                       |
| CABIN HEIGHT          | 2200mm                      |
| CABIN AREA            | 1.14 m <sup>2</sup>         |
| CAR PANEL FINISH      | S.S HAIRLINE FINISH – 304   |
| ENTRANCE FRAME FINISH | S.S HAIRLINE FINISH – 304   |
| DOOR FINISH           | S.S HAIRLINE FINISH – 304   |
| CAR D.B.G             | 1330mm                      |
| C.W.T D.B.G           | 750mm                       |
| CAR GUIDE RAILS       | 70 X 65 / 9mm               |
| C.W.T GUIDE RAILS     | 45 X 45 / 5mm               |

|                         |                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CAR BUFFERS             | SPRING                                                                                                                                                      |
| C.W.T BUFFERS           | SPRING                                                                                                                                                      |
| CONTROL SYSTEM          | SIMPLEX FULL COLLECTIVE.                                                                                                                                    |
| MACHINE                 | GEARLED MACHINE                                                                                                                                             |
| MACHINE SHEAVE DIAMETER | 530mm.                                                                                                                                                      |
| DIVERTOR PULLEY         | 300mm – 1NO                                                                                                                                                 |
| ROPING ARRANGMENT       | 1 : 1                                                                                                                                                       |
| ELECTRICAL SUPPLY       | * 415V, 3PH FOR MACHINE.<br>* 230V, 1PH FOR SHAFT LIGHT.                                                                                                    |
| SUSPENSION ROPES        | 3 NO'S * 13mm                                                                                                                                               |
| FLOOR TYPE              | PVC MAT FINISH                                                                                                                                              |
| CEILING TYPE            | AS PER STANDARD                                                                                                                                             |
| COP / LOP DISPLAY       | AS PER STANDARD                                                                                                                                             |
| COP / LOP PANEL         | S.S HAIRLINE FINISH.                                                                                                                                        |
| INDICATION IN LOP/COP   | UP / DOWN DIRECTION ARROW<br>FLOOR DISPLAY @ ALL LANDINGS.                                                                                                  |
| STANDARD FEATURES       | * 2HRS FIRE RATED LANDING DOORS<br>* AUTOMATIC RESCUE DEVICE<br>* MULTI BEAM LIGHT CURTAIN IN<br>THE CAR ENTRANCE<br>* EMERGENCY ALARM<br>* EMERGENCY LIGHT |

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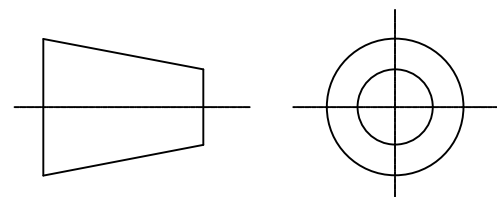
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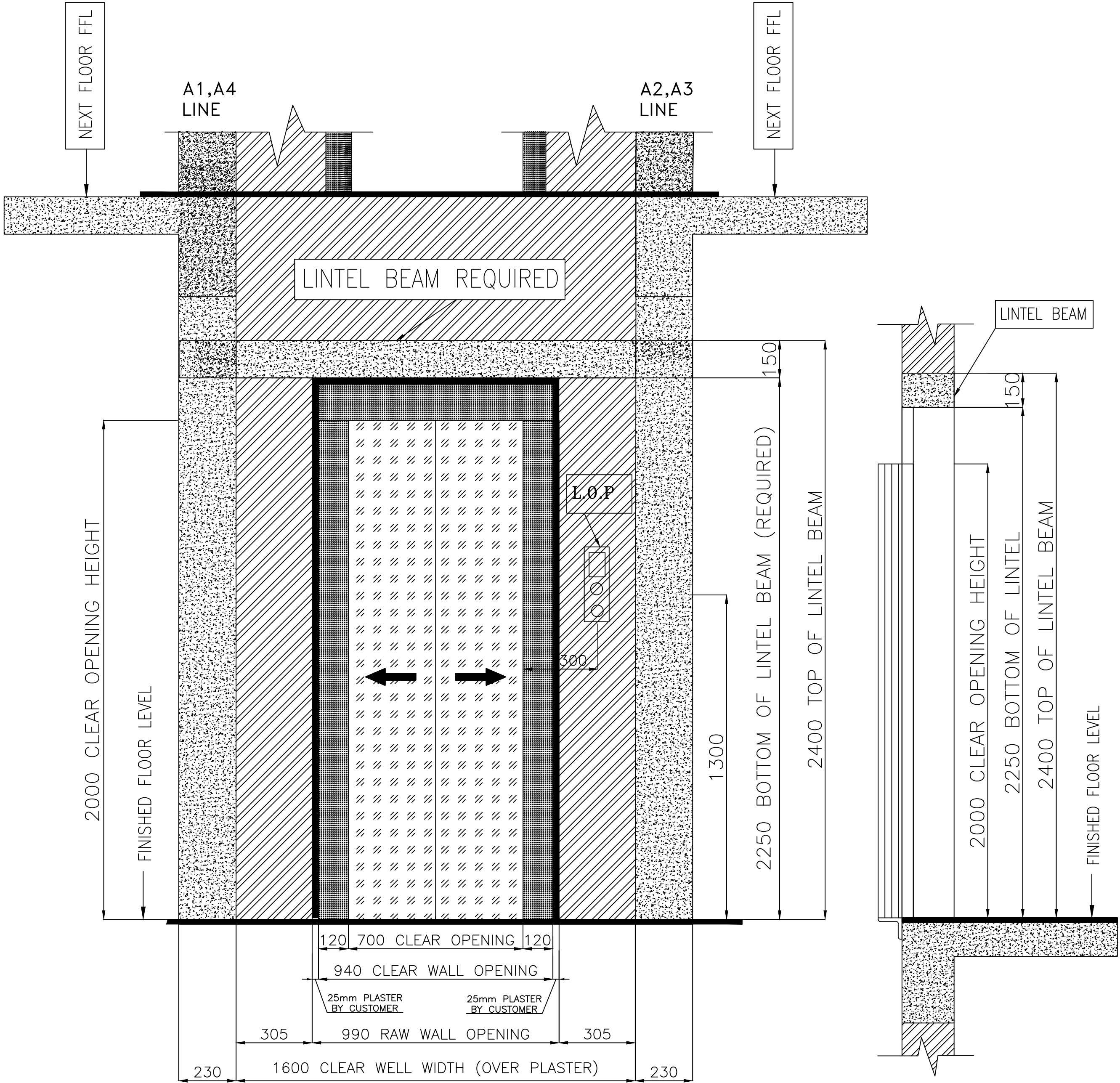
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LANDING ENTRANCE

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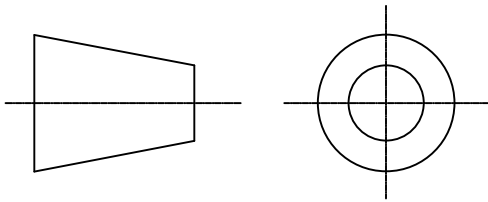
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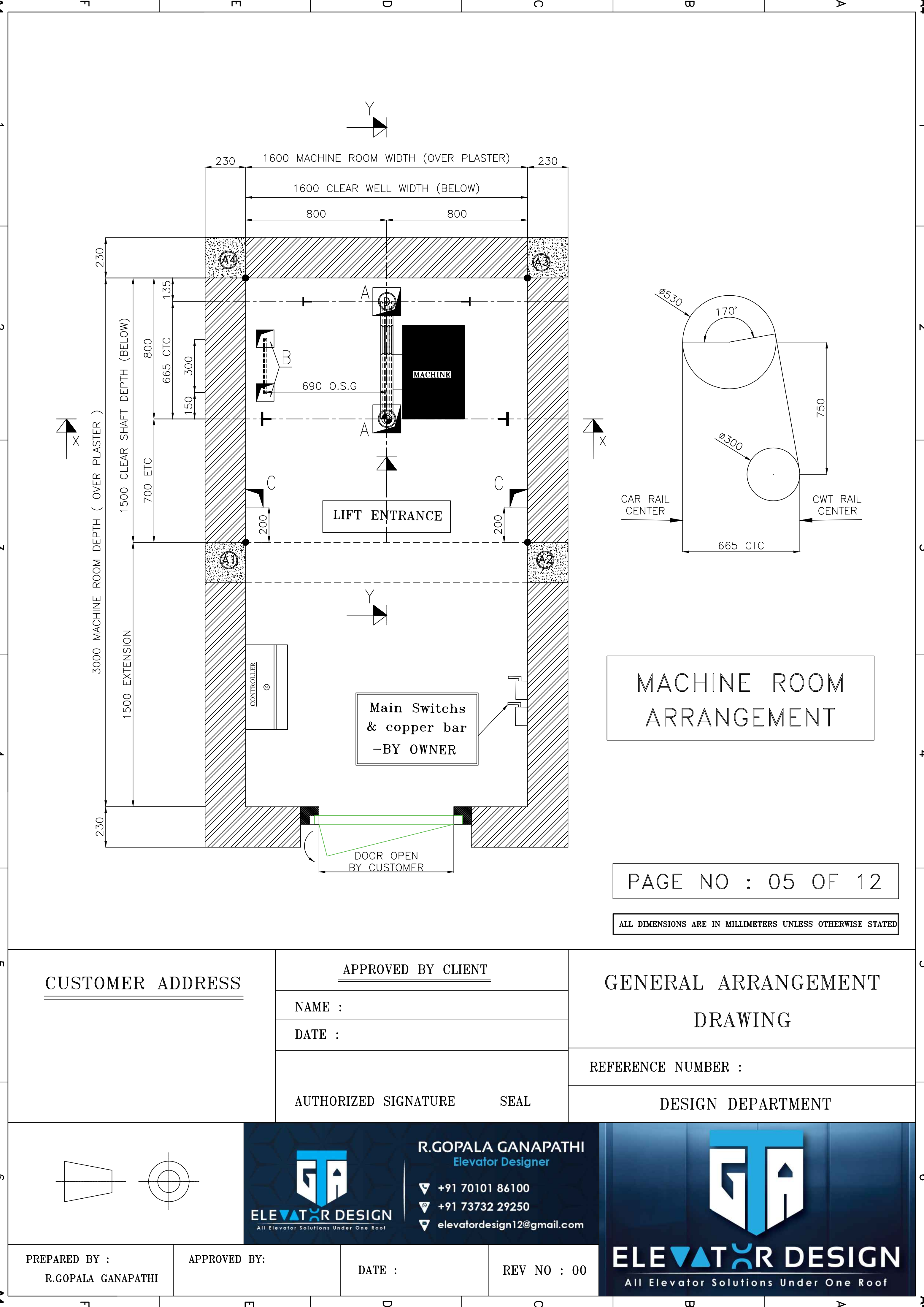
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MACHINE ROOM  
ARRANGEMENT

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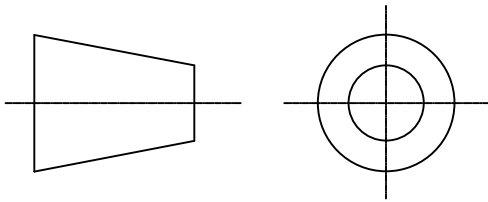
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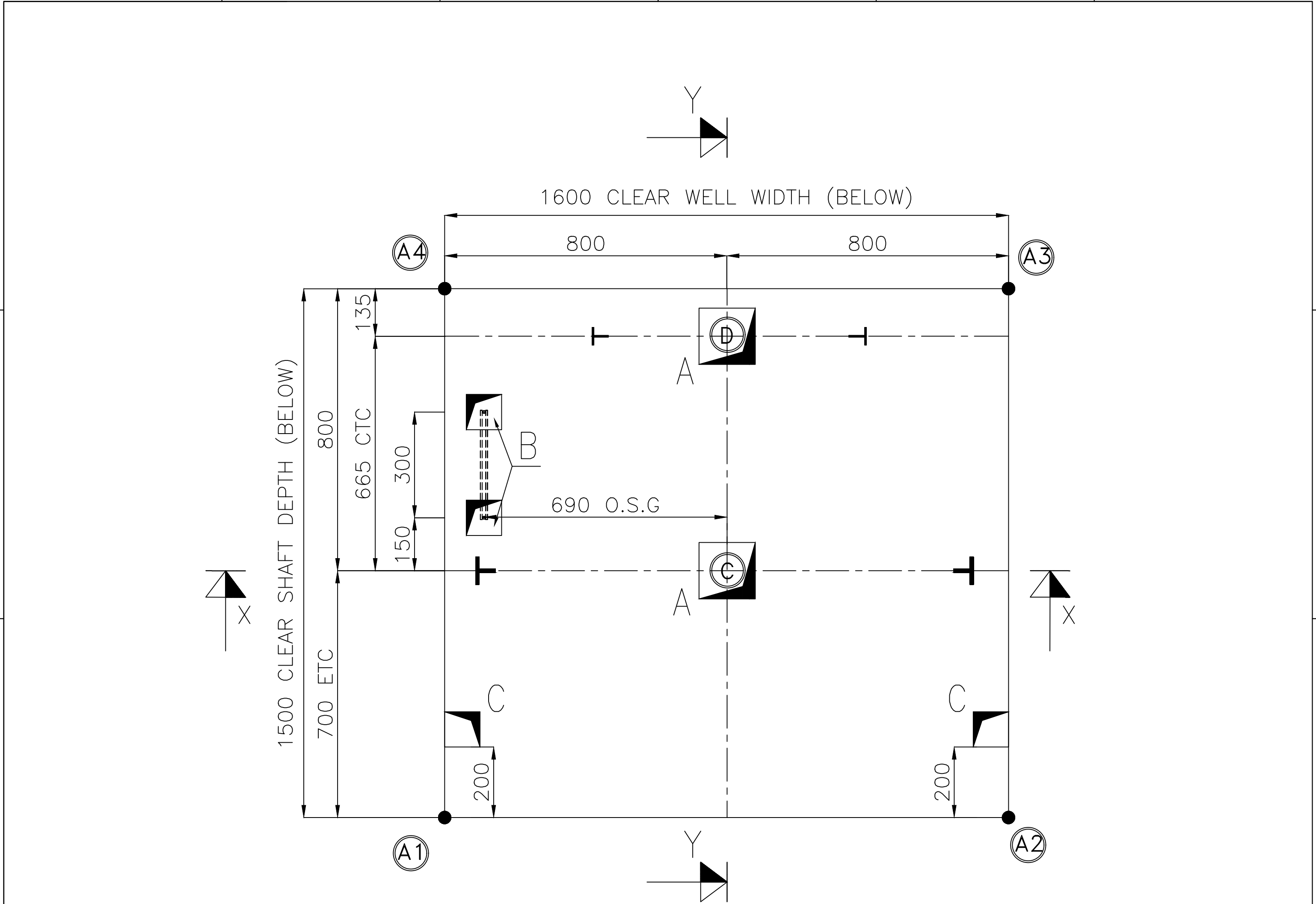
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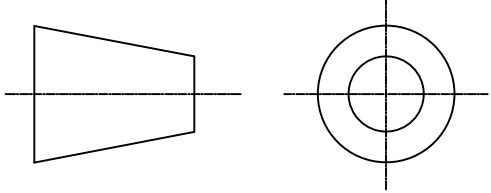
| M/C ROOM SPECIFICATION |         |              |
|------------------------|---------|--------------|
|                        | SIZE    | CUTOUT FOR   |
| 'A'                    | 160X160 | MAIN ROPES   |
| 'B'                    | 100X100 | OSG ROPES    |
| 'C'                    | 100X100 | JUNCTION BOX |

MACHINE ROOM ROPE CUTOUT DETAILS

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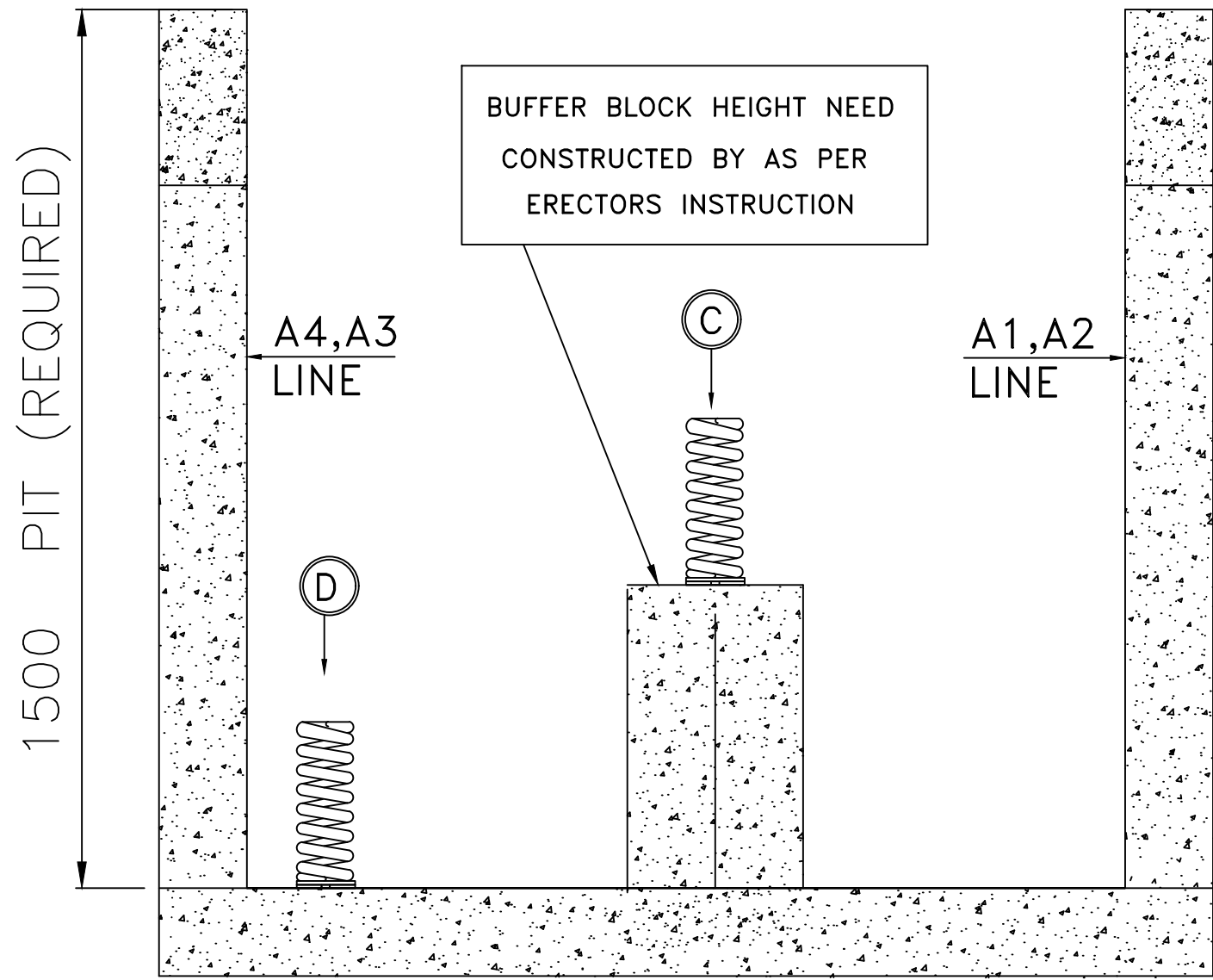
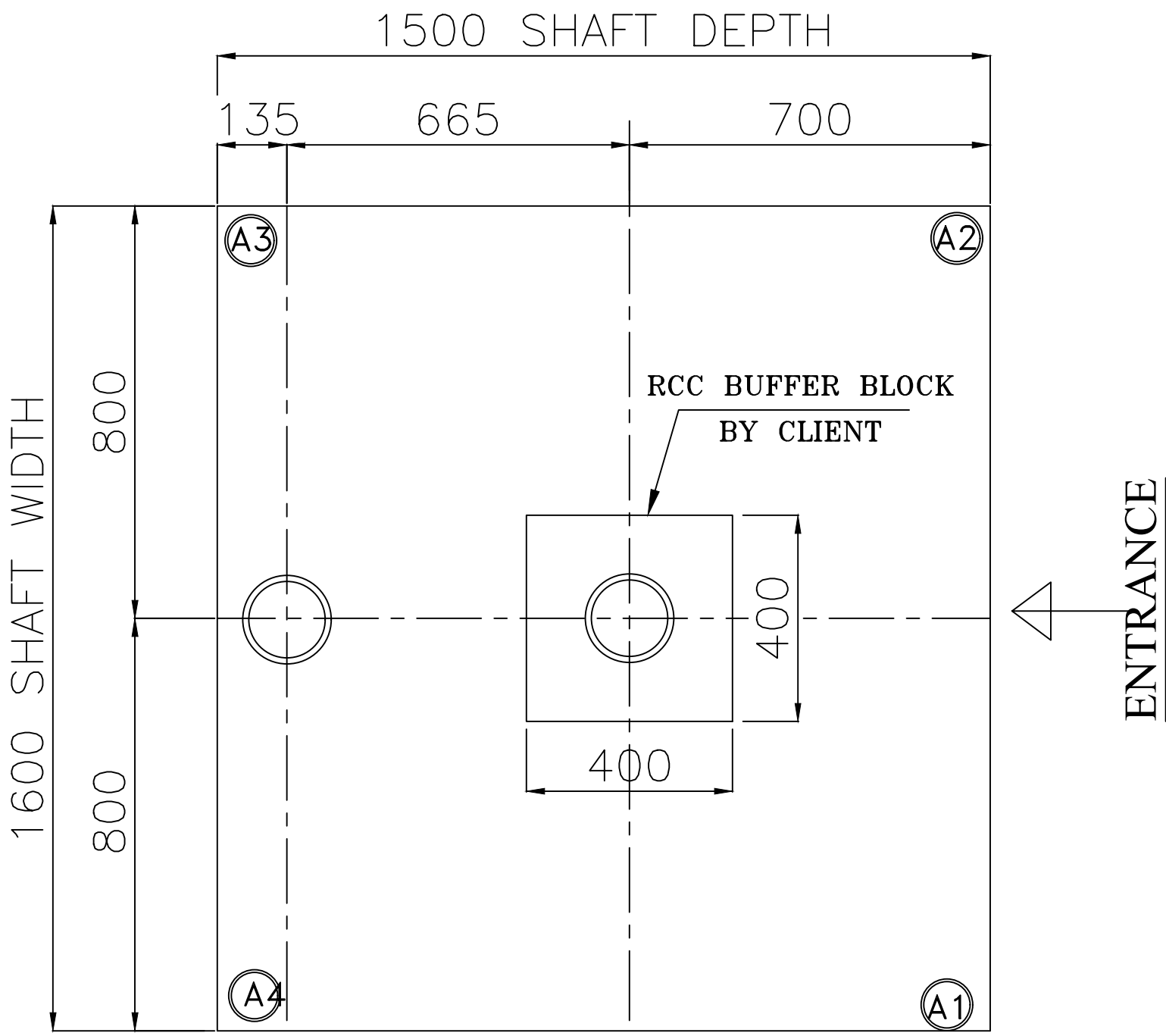


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RCC BUFFER BLOCKS  
DETAILS AT PIT LEVEL

RCC BUFFER BLOCKS DETAILS AT PIT LEVEL

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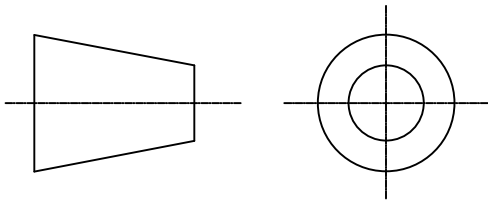
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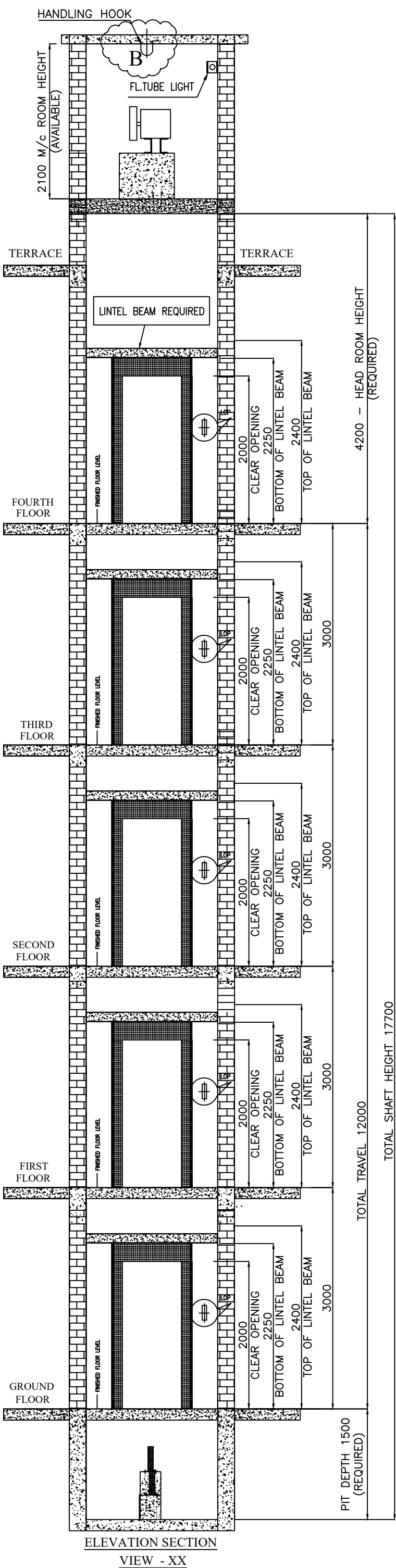
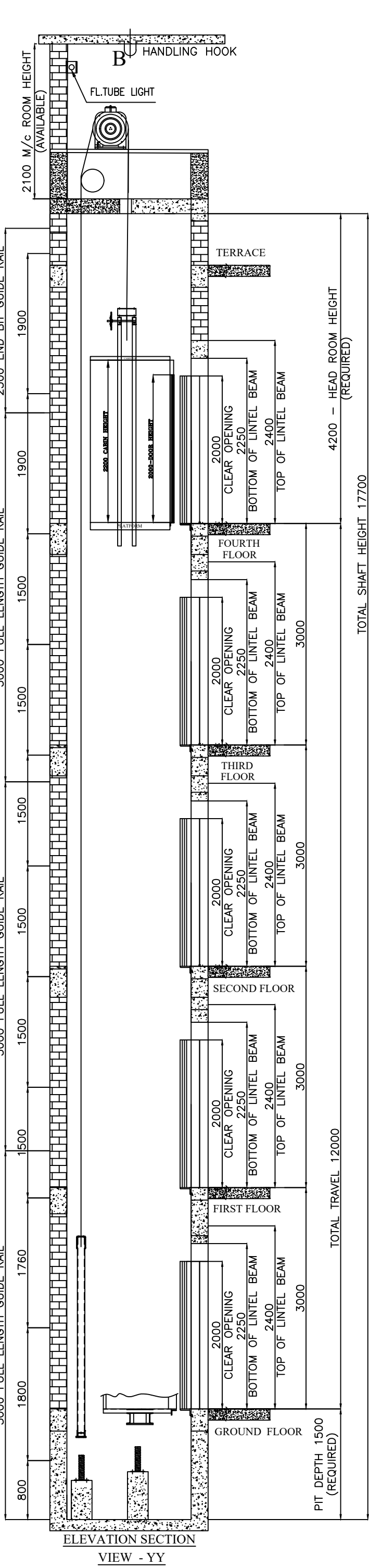
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ELEVATION

|                                      |           |
|--------------------------------------|-----------|
| CAR FULL LENGTH GUIDE RAILS – 5000mm | 6 NUMBERS |
| CAR END BIT GUIDE RAILS – 2500mm     | 2 NUMBERS |
| CWT FULL LENGTH GUIDE RAILS – 5000mm | 6 NUMBERS |
| CWT END BIT GUIDE RAILS – 2500mm     | 2 NUMBERS |
| CAR AND COUNTER WEIGHT BRACKETS      | 11 SETS   |

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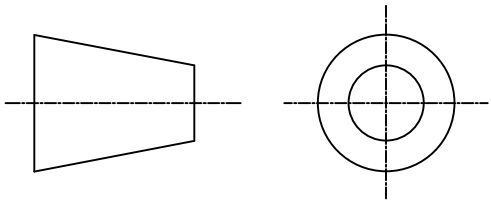
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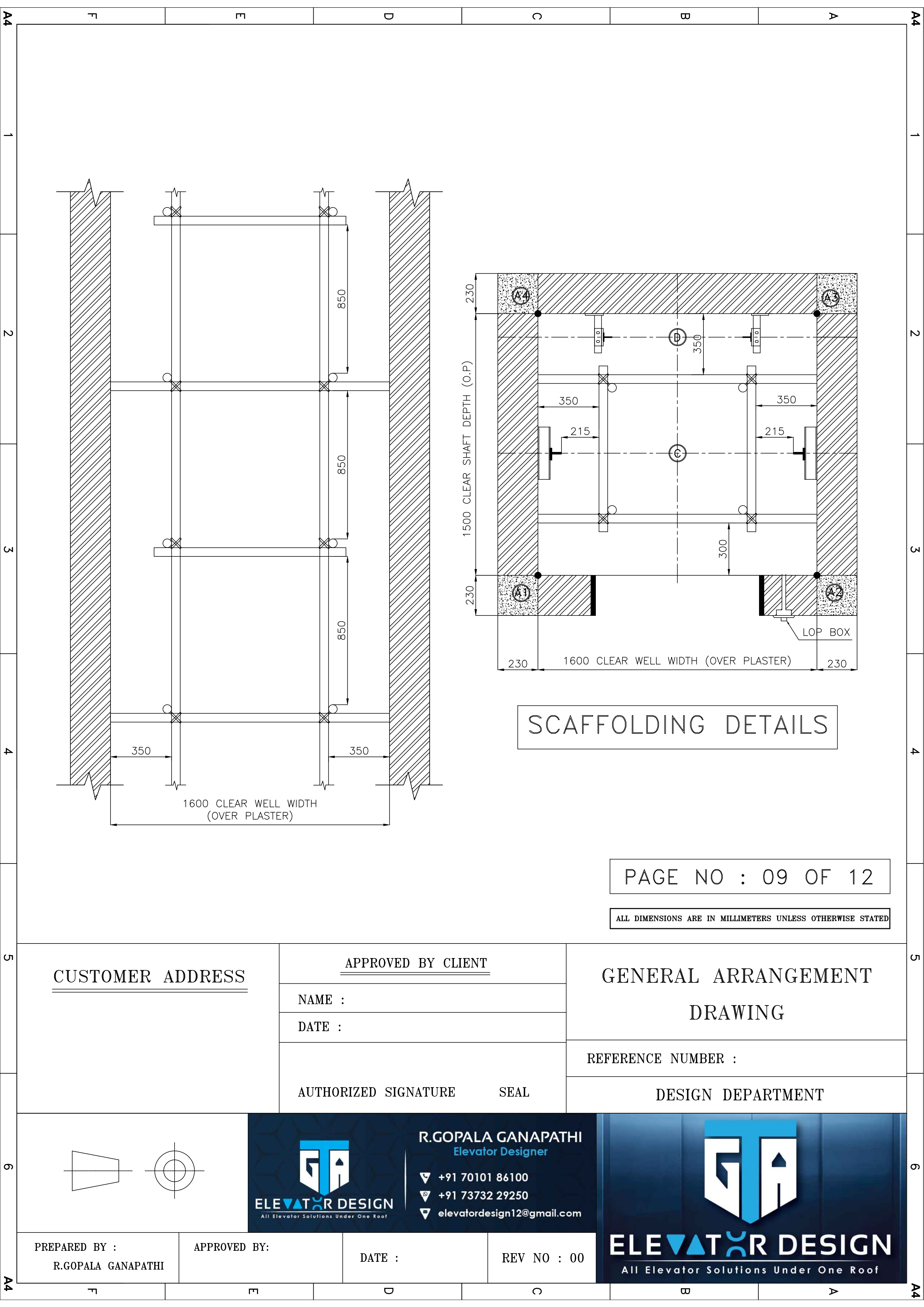
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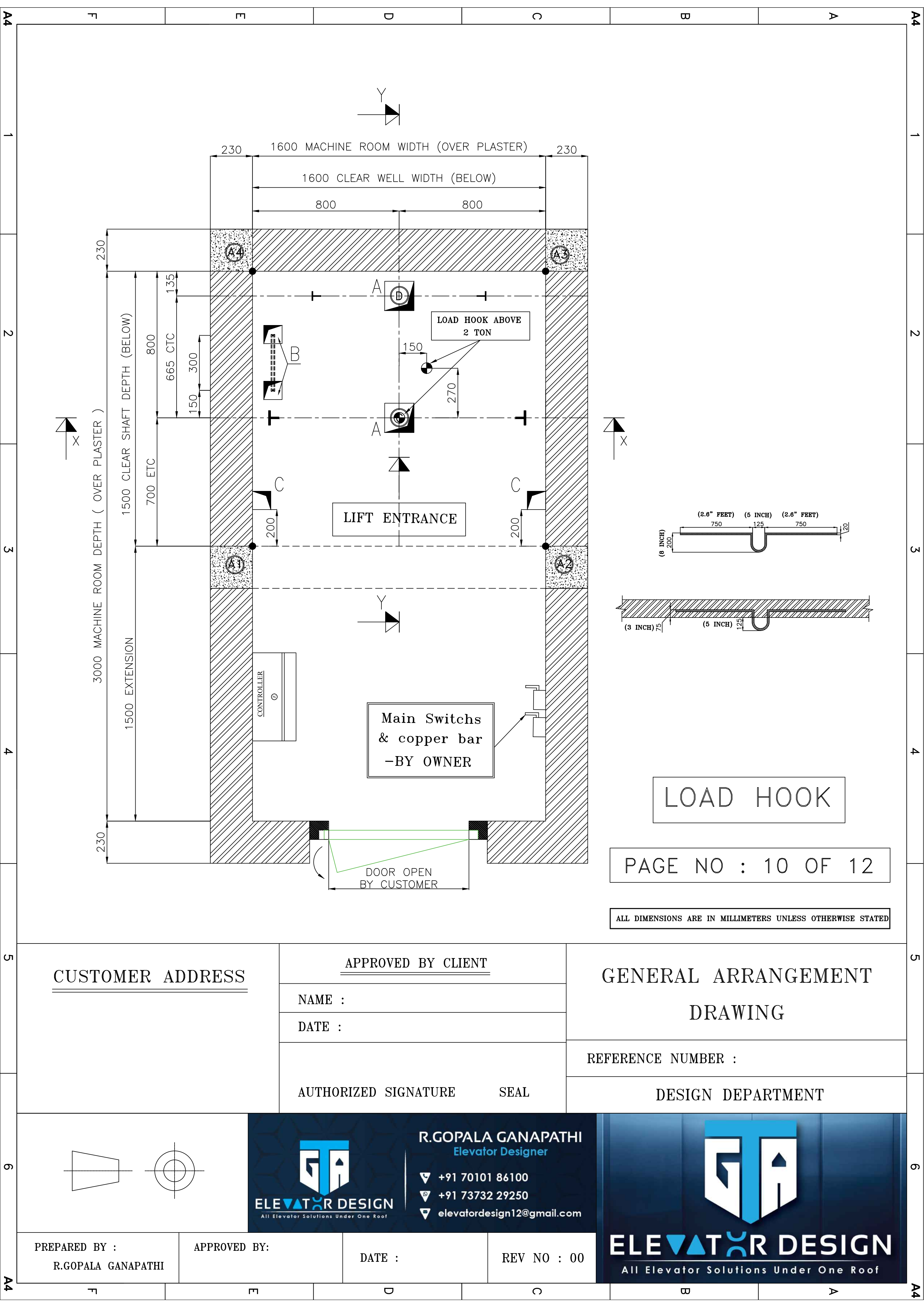
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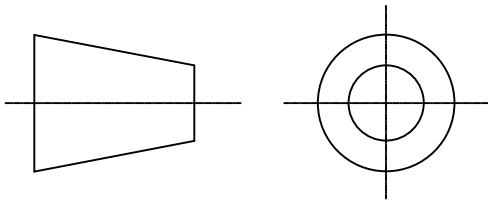
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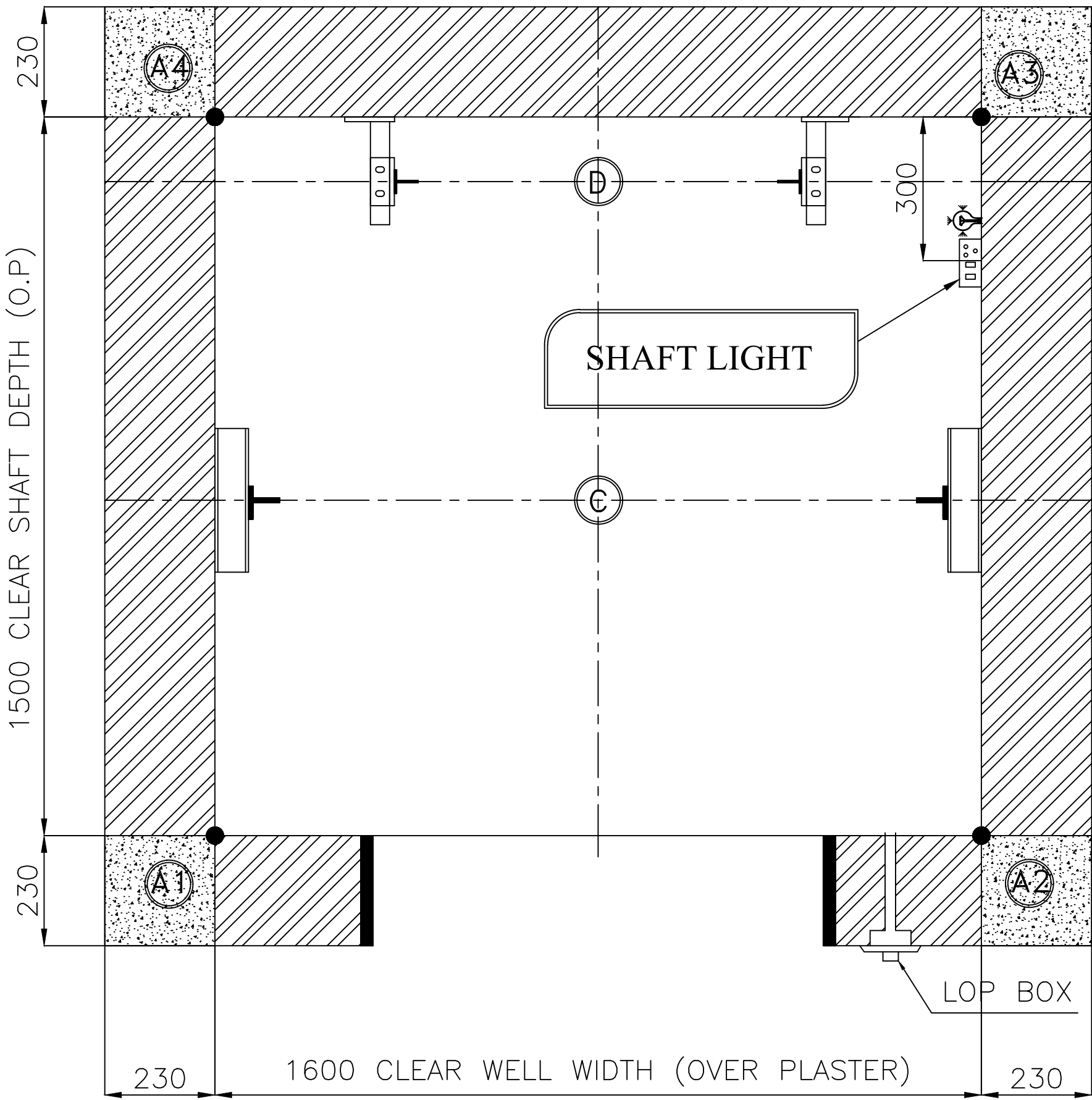
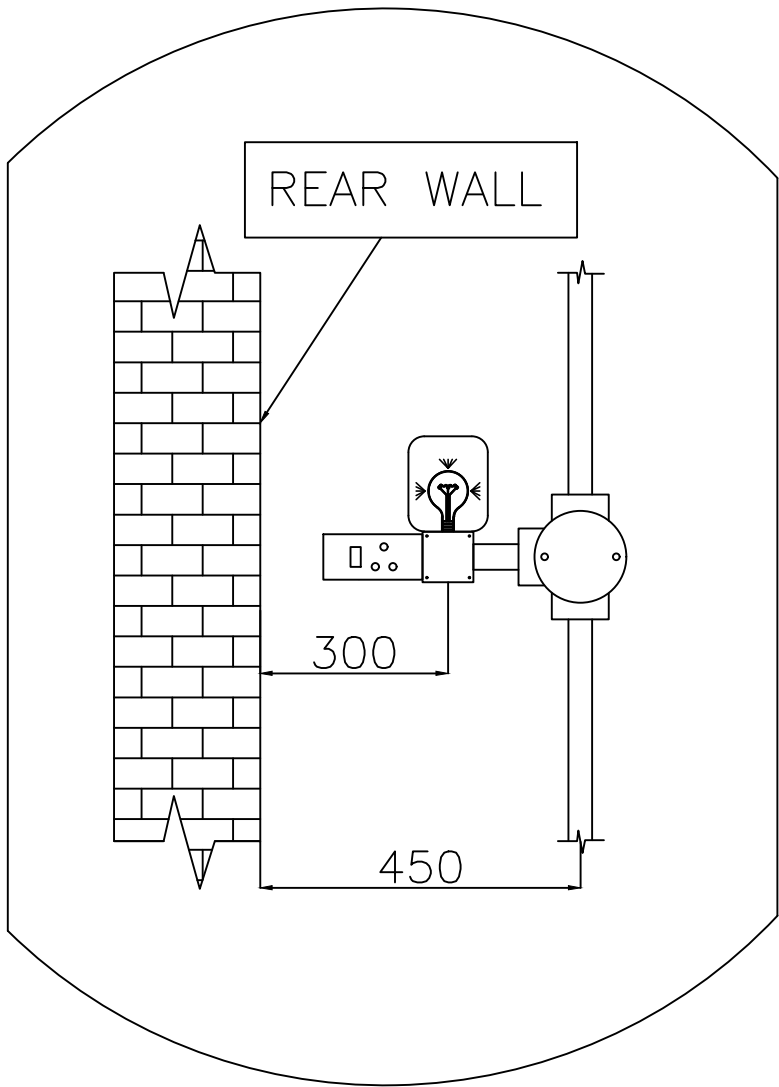
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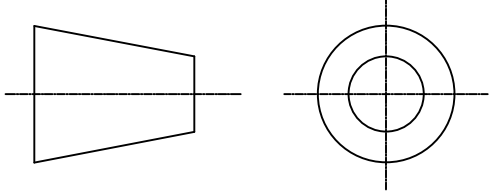


SHAFT LIGHT

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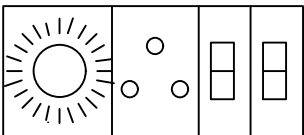
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ELECTRICAL INSTRUCTION LIST

- 1) 1, 2, 3, 4, 5, 6, 7 LIGHTING POINTS IN LIFT SHAFT WITH 3 PIN PLUG AND HOLDER WITH LAMP 9 WATT  
( LIGHT POINT & POWER POINT ALTERNATE FLOOR PROVIDE )
- 2) 3Ø CABLE 4 CORE 4 SQ.MM. PVC ARMOURED CABLE FROM METER ROOM TO MACHINE ROOM FROM LIFT SHAFT WITH 32 AMP. IRON CLAD MAIN S/W IN METER ROOM & MACHINE ROOM (63 AMPS : 4CORE 6 SQ.MM.)
- 3) E. L. C. B. (EARTH LEAKAGE CIRCUIT BREAKER)  
(1 NO. OF 3 PHASE E. L. C. B., 63A 4P ELCB )
- 4) LIGHTING WIRE 2.5 SQ. MM. 3 CORE WIRE WITH CONDUCTING FROM METER ROOM TO MACHINE ROOM THROUGH LIFT SHAFT.
- 5) SHAFT LIGHTING: -1.5 SQ.MM. 2 CORE WIRE WITH CONDUCTING FROM MACHINE ROOM TO BOTTOM OF LIFT SHAFT LIGHTING POINT ALL IN PARALLEL EVERY ALTERNATE FLOOR AND ONE IN LIFT PIT.
- 6) EARTHING (2 NOS.) 8 SWG. FROM METER ROOM TO MACHINE ROOM ALONG WITH MAIN AND LIGHTING CABLE THROUGH LIFT SHAFT.

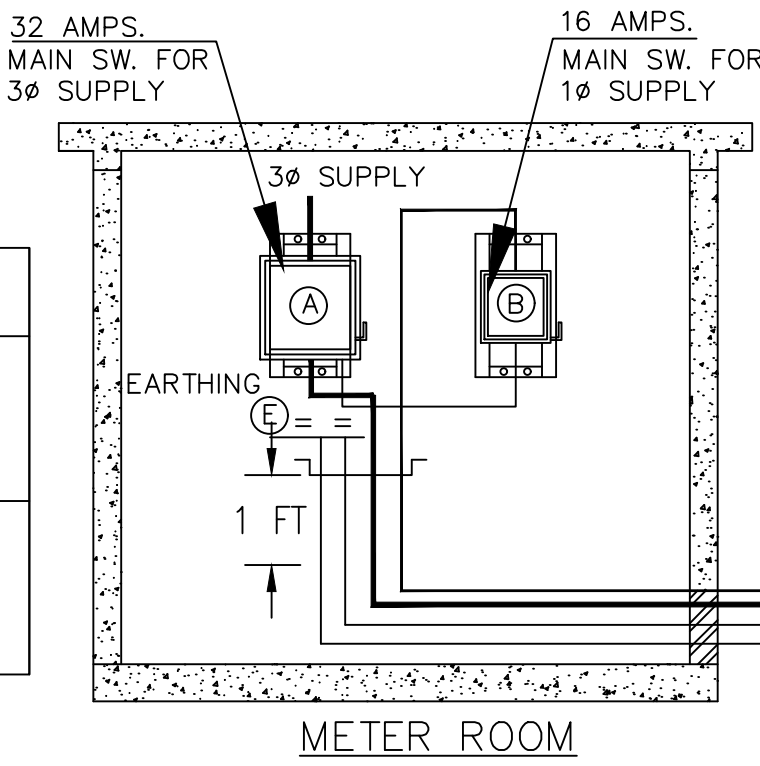
A-4P ELCB IN LIFT PANEL  
B-LIFT LIGHT/SHAFT MAIN SWITCH 16 AMPS.IRON CLAD (3 NOS.)  
C-EARTH LEAKAGE CIRCUIT BREAKER (E. L. C. B.- 1 NO.)  
D-LIGHT BOARD  
E-EARTHING (2 NOS.)

| SR.NO. | AMP.                 | MOTOR (H.P.) |
|--------|----------------------|--------------|
| 1      | 32 AMP (A)/16 AMP(B) | 1] 5 H.P.    |
|        |                      | 2] 7.5 H.P.  |
| 2      | 63 AMP (A)/16 AMP(B) | 1] 10 H.P.   |
|        |                      | 2] 15H.P.    |

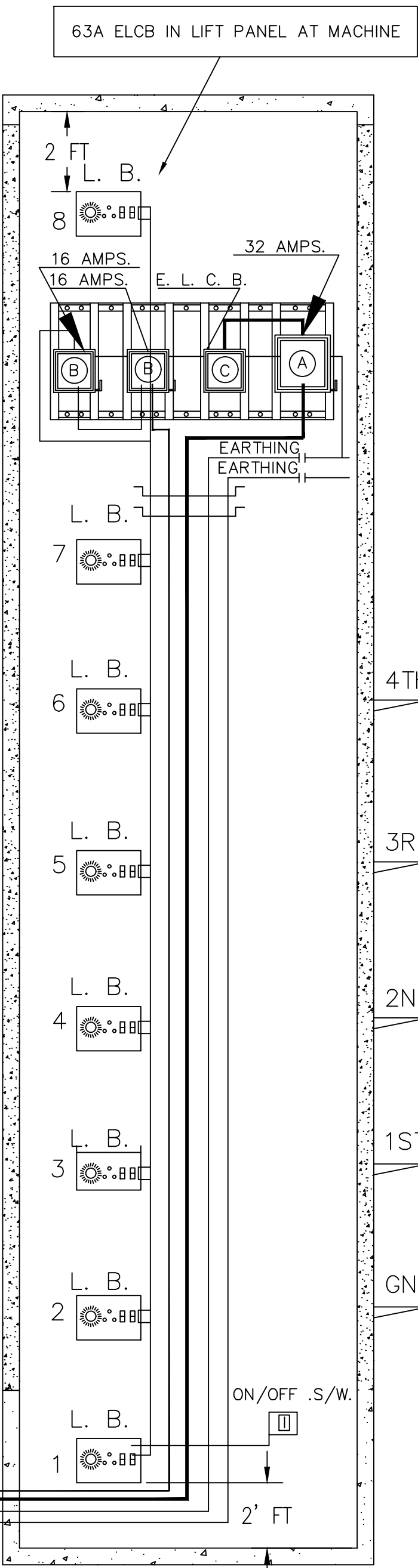


LIGHT BOARD

D



METER ROOM



SIDE VIEW OF LIFT SHAFT  
FOR METER ROOM TO SUPPLY  
SWITCHES WIRING FOR MR LIFT

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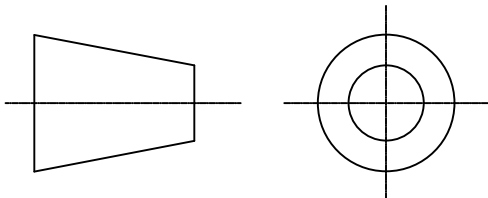
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