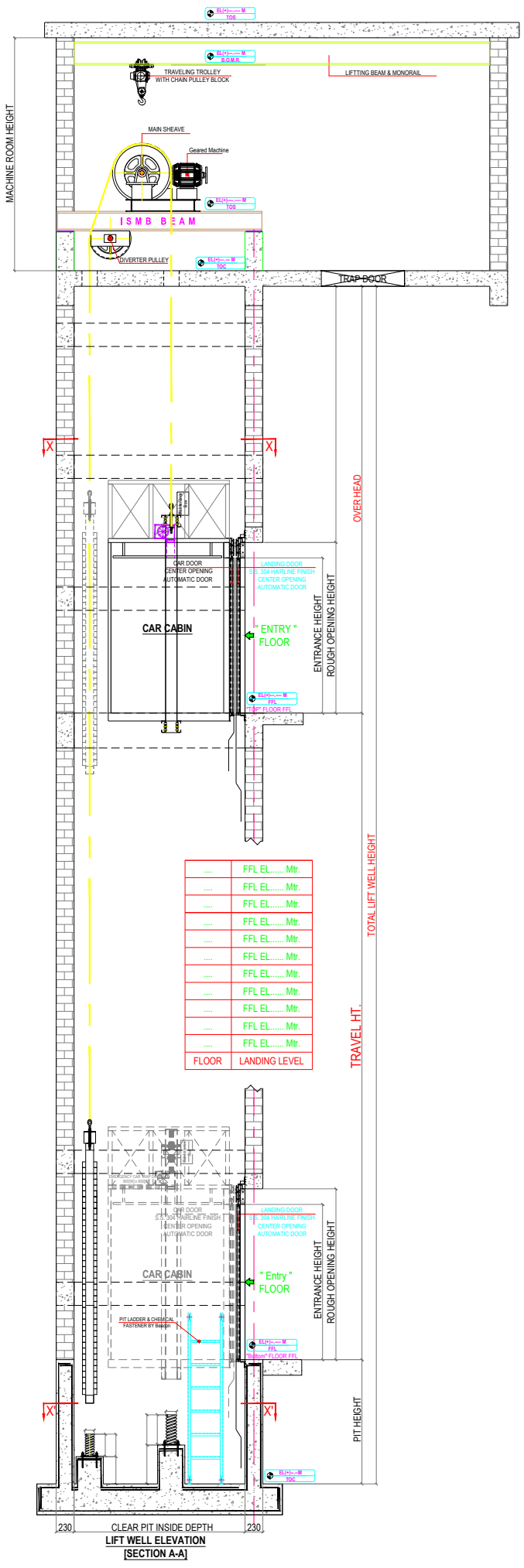

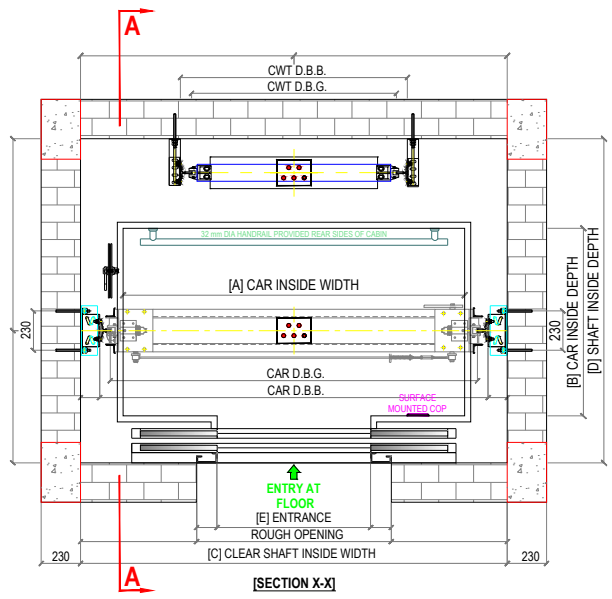

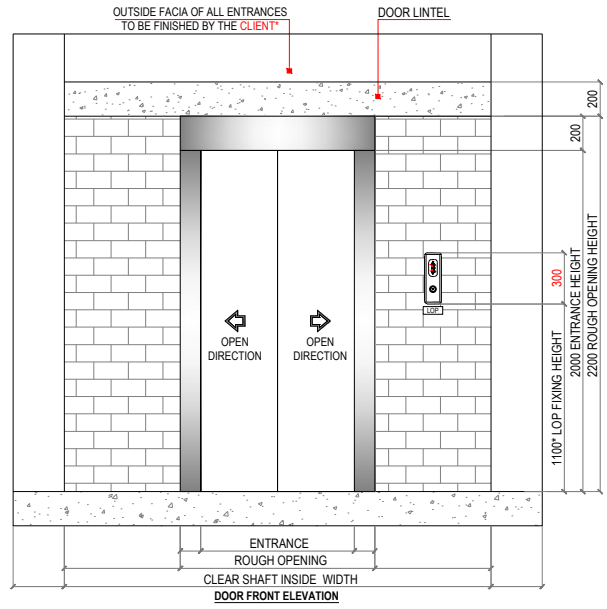

MINIMUM CIVIL DIMENSION FOR PASSENGER ELEVATORS

PERSONS	LOAD (KG)	CAR INSIDE		LIFT WELL		ENTRANCE
		A	B	C	D	
4	272	1100	700	1900	1300	700
6	408	1100	1000	1900	1700	700
8	544	1300	1100	1900	1900	800
10	680	1300	1350	1900	2100	800
13	884	2000	1100	2500	2000	900
16	1088	2000	1300	2500	2100	1000
20	1360	2000	1500	2500	2400	1000
24	1632	2150	1650	2650	2500	1100

Note:

1- The total overhead dimension has been calculated on the basis of car height of 2.3 m,

2- In case of manually operated doors, clear entrance will be reduced by the amount of projection of handle on the landlng door.

3- All dimensions given above for lifts having centre opening power operated doors with counterweight at rear, are recommended. dimensions primarily for architects and building planners.

4- Dimensions of pit depth and overhead may differ in practice as per design depending upon load, speed and drive.

Speed in m/s	Upto 0.70	> 0.70 ≤ 1.00	> 1.00 ≤ 1.50	> 1.50 ≤ 1.75	> 1.75 ≤ 2.00	> 2.00 ≤ 2.50
Pit depth	1350	1500	1600	2150	2200	2500
Overhead	4200	4250	4800	4800	5200	5400
Machine-room Depth L	D+2000	D+2000	D+2000	D+2500	D+2500	D+2500
Machine-room Width K	C+1000	C+1000	C+1200	C+1200	C+1500	C+1500

BEACON ELEVATOR CO. PVT. LTD.

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