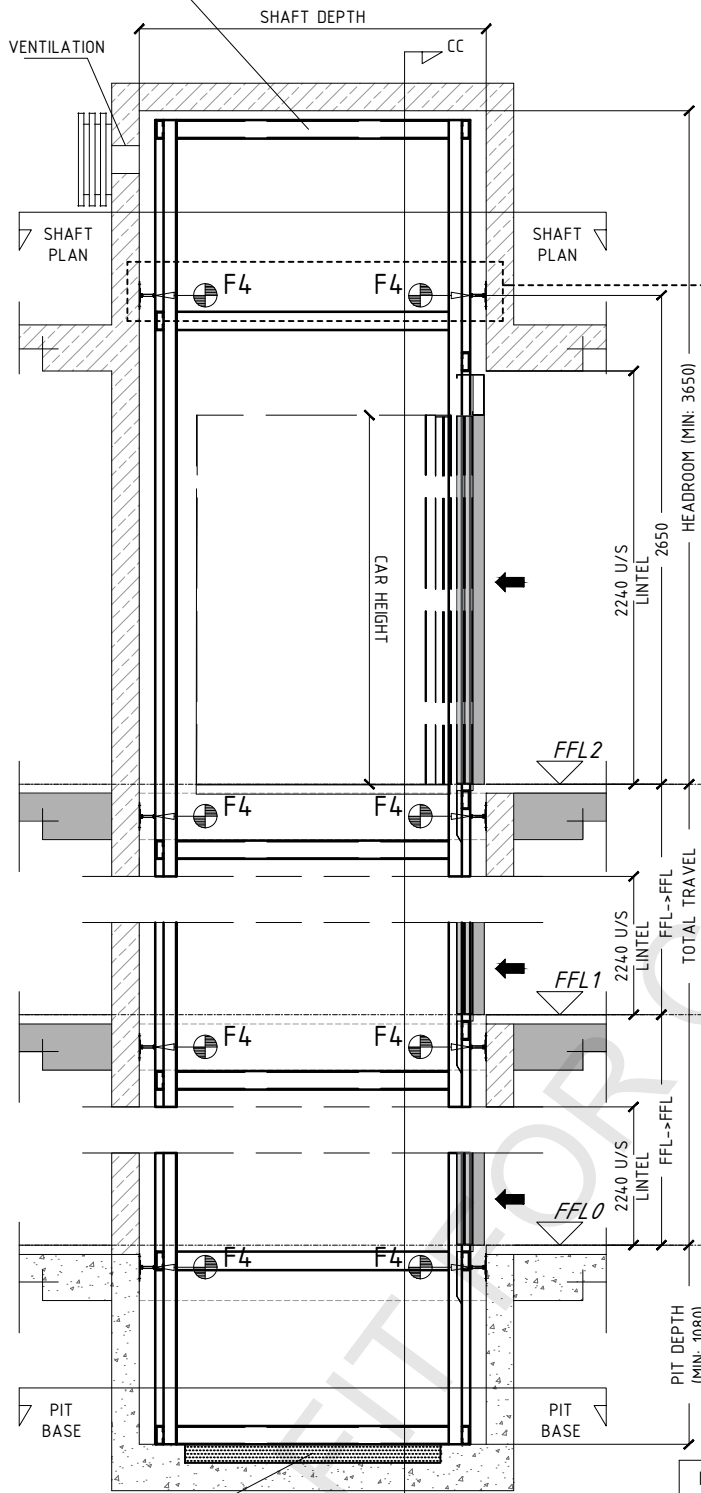


LIFTING BEAM included within the assembly of the Ideal Lifts Frame System.



Hatched area shows potential fixing area in the pit base. Fixings used are M10 x 100mm through bolts.

SECTION THROUGH LIFT SHAFT "AA"

NOTE! - For guidance only. Construction to be based upon approved site specific construction work booklets from Ideal Lifts. Left hand slung lift detailed, right hand slung zero cost option.

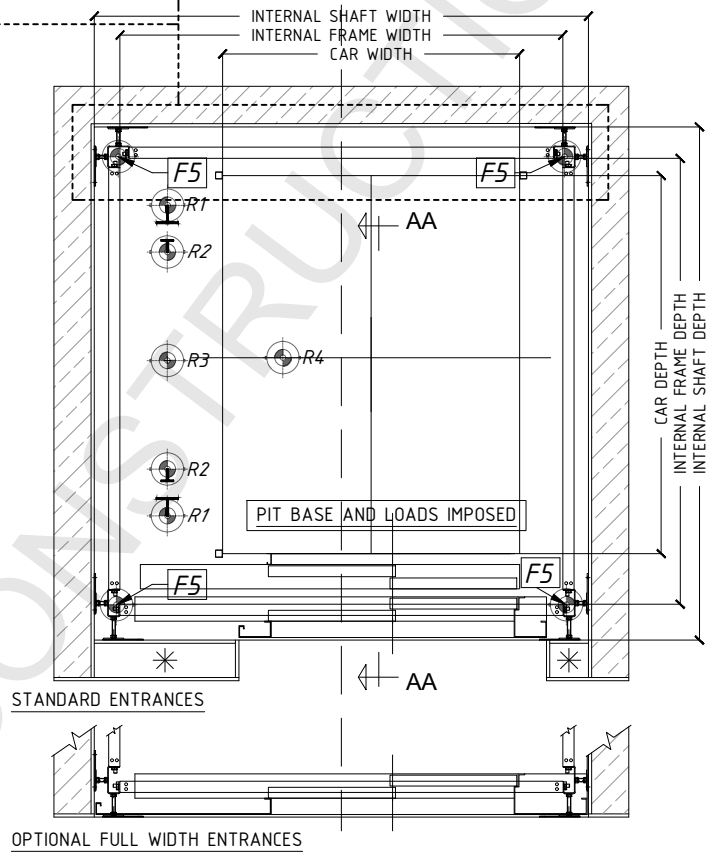
NOTE! - This model complies with accessibility BS EN 81-70 - (harmonised standards) type 2 and the building regulations m4 (2) category 2 - visitable dwellings.

NOTE! - BS EN 81-20 & 50 - Pit, headroom & shaft dimensions comply with BS EN 81-20 & 50.

NOTE! - Ambient temperatures within the lift shaft and machinery space(s) is to be maintained between +5°C and +45°C to ensure the correct functioning of the equipment.

LATERAL FRAME ASSEMBLY

Lift shaft to be capable of providing lateral support at F4 positions arrangements on all sides. Slip plates to be fixed to the internal shaft boarding.



* IMPORTANT NOTE:-

FRONT WALLS TO BE LEFT DOWN BELOW LINTELS UNTIL LIFT LANDING DOORS ARE INSTALLED. FULL WIDTH LINTELS ARE ESSENTIAL.

NOTE! - All forces shown are considered the maximum live loads as a result of varying occupancy of the lift and speed of travel.

NOTE! - Shaft sizes susceptible to increase over larger travels. Specific details shown on shaft plans.

TYPICAL 12 METRE TRAVEL

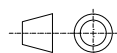
LIFT LOAD REF.	LOADS	POSITION OF LOADING	
		R1	R2
R1	23 Kn	LIFT GUIDE RAIL	
R2	9.9 Kn	COUNTERWEIGHT GUIDE RAIL	
R3	53 Kn	COUNTERWEIGHT BUFFER	
R4	41.2 Kn	CAR BUFFER	
F5	5.0 Kn	LIFT FRAME FEET	
F4	3.3 Kn	LATERAL FRAME ASSEMBLY	

MOTOR NAME	MOTOR TYPE	SPEED (M/S)
IL4	CONVENTIONAL	1.0 M/S
IL3e	ECO DRIVE	0.5 M/S

LIFT CAR: 1100 W X 1400 D X 2150 H		LIFT WELL DIMENSIONS			
MODEL TYPE	DOOR TYPE	SINGLE ENTRANCE		THROUGH CAR	
		W.	D.	W.	D.
IL3 E/ IL4 F 630KG	900 W X 2000 H 2 PANEL	1740	1900	1740	2040
LIFT CAR: 1100 W X 1400 D X 2150 H					
IL3 E/ IL4 F 630KG	900 W X 2000 H 3 PANEL	1690	1920	1690	2110

DATA SHEET: IL3E/IL4 - FRAME MOUNTED - 630KG(8P) C - PLAN AND PIT FLOOR LOADS - NO REBATES

Designed by: KC	Checked by: DW	Approved by Date: IDLXXX_--/--/----	Project Name: XXX	Date: 14/04/2023	Scale: N/A
This is the property of Ideal Lifts. It may not be used for any purposes other than the owner and does not authorise the reproduction or conveyance of any information contained without prior written permission. Info@IdealLifts.com Tel: 01837 659 999			Project Address: --		
			Project Ref: EXXX_IDLXXX	Revision: I	Sheet: 1 of 1



ideal lifts