

Goods Lift installed at Johnnie Longden Ltd. Unit 24 Dawkins Road Poole, Dorset BH15 4JD

Design, manufacture and install 1 off mast-type goods lift to be installed between 2 fixed levels inside a building

- The lift will be constructed using a single mast which must be bolted down to the ground floor and braced to the mezzanine floor.
- The lift platform will measure approximately 1350mm wide by 1250mm deep and will close down over the legs of the masts
- The clear working platform area will be 1290mm x 1130mm
- The overall plan size of the lift including enclosure will be approx 1750mm deep x 1750mm wide
- The platform will feature 1100mm high rails on 4 sides with twin outwards opening gates to the left & right of the mast (Sides A & C). The gates will lock with a gravity system but will also be sensed to prevent platform movement if the gate is open.
- The platform will close to the floor with a 60mm lowered height and have a maximum total raised height of 2700mm
- The maximum lift height will be governed by a limit switch system to ensure that the platform parks with the mezzanine upper floor. (approx 2440mm). This can be moved at a later date should the floor height be increased.
- The platform will be supplied with a loading ramp to be permanently fixed to the ground floor measuring 1250mm wide by 600mm long giving a gradient of 10%. Mounted to the right of the mast, (side C) – closest to the roller shutter door in the building.
- The lift will also be supplied with a bridging plate to be installed on the mezzanine level
- The hydraulic power pack will be mounted to a mast and electrical system will be housed in a separate enclosure mounted box at ground level.
- Control points will be positioned at both ground and upper floor levels. Both points will feature latching call buttons and emergency stop controls.
- Power requirement: 415V 3 phase + Neutral via 16amp isolator (Supplied by customer)
- Motor specification: 0.8Kw 3phase 415V with 4ltr reservoir
- Maximum lift capacity will be 500Kg

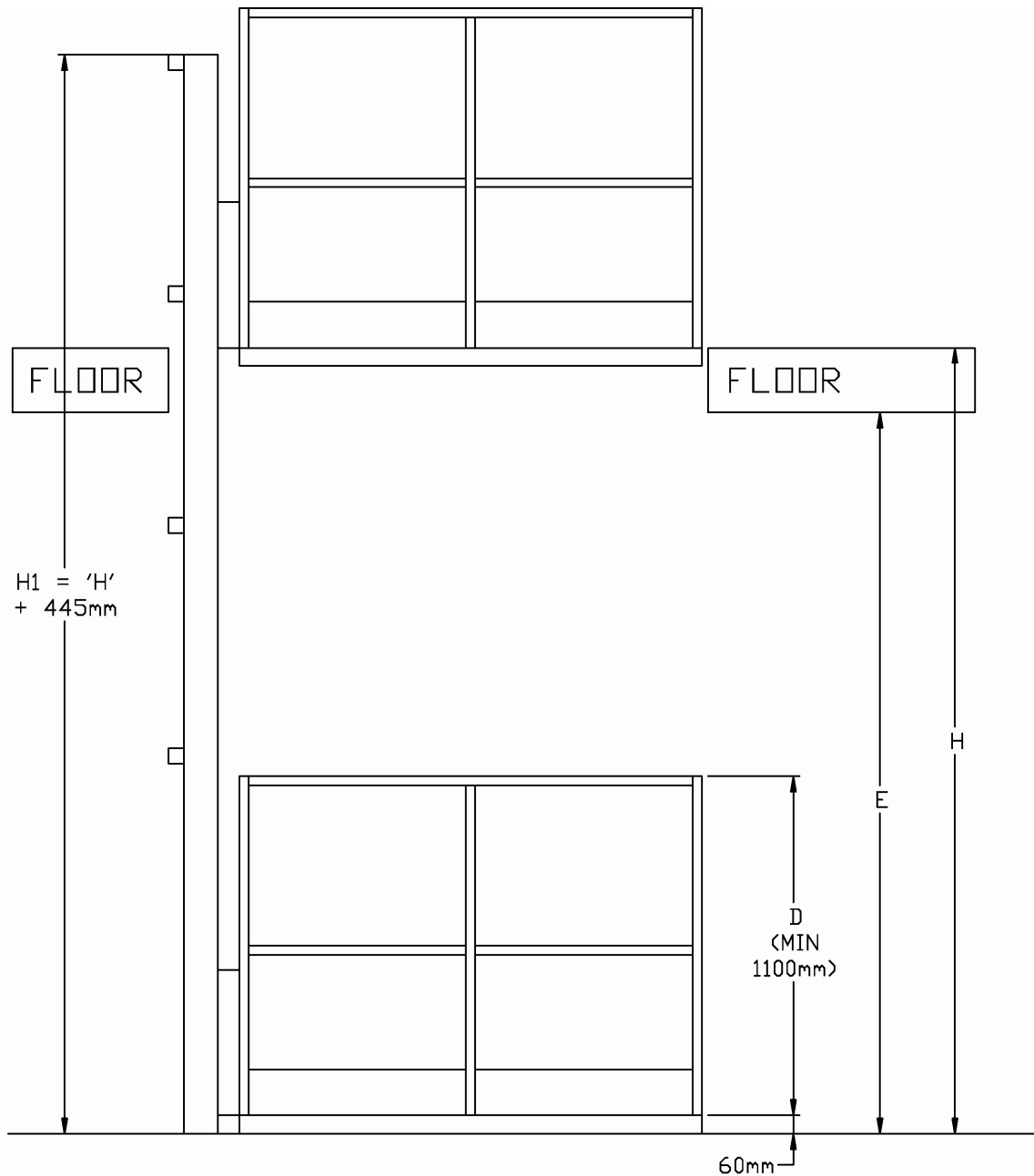
Manufacture and install 1 off External guard system for both upper and lower floors

- Ground Floor: The lift will be supplied with a 2200mm high enclosure on all sides, measuring 1750mm deep overall & 1750mm wide. The enclosure will feature a 2100mm high single gate on Side C & will be fitted with an electrical/mechanical interlock to prevent opening when the lift is not parked.
- First Floor: To prevent access to the lift and guard the open edge of the mezzanine, the floor will be fitted with an 1100mm high guard on all sides of the lift featuring an 1100mm high single gate on side A with electrical/mechanical interlocking into the lift controls.

Installation:

Installation of the lift at BH15 Poole Dorset

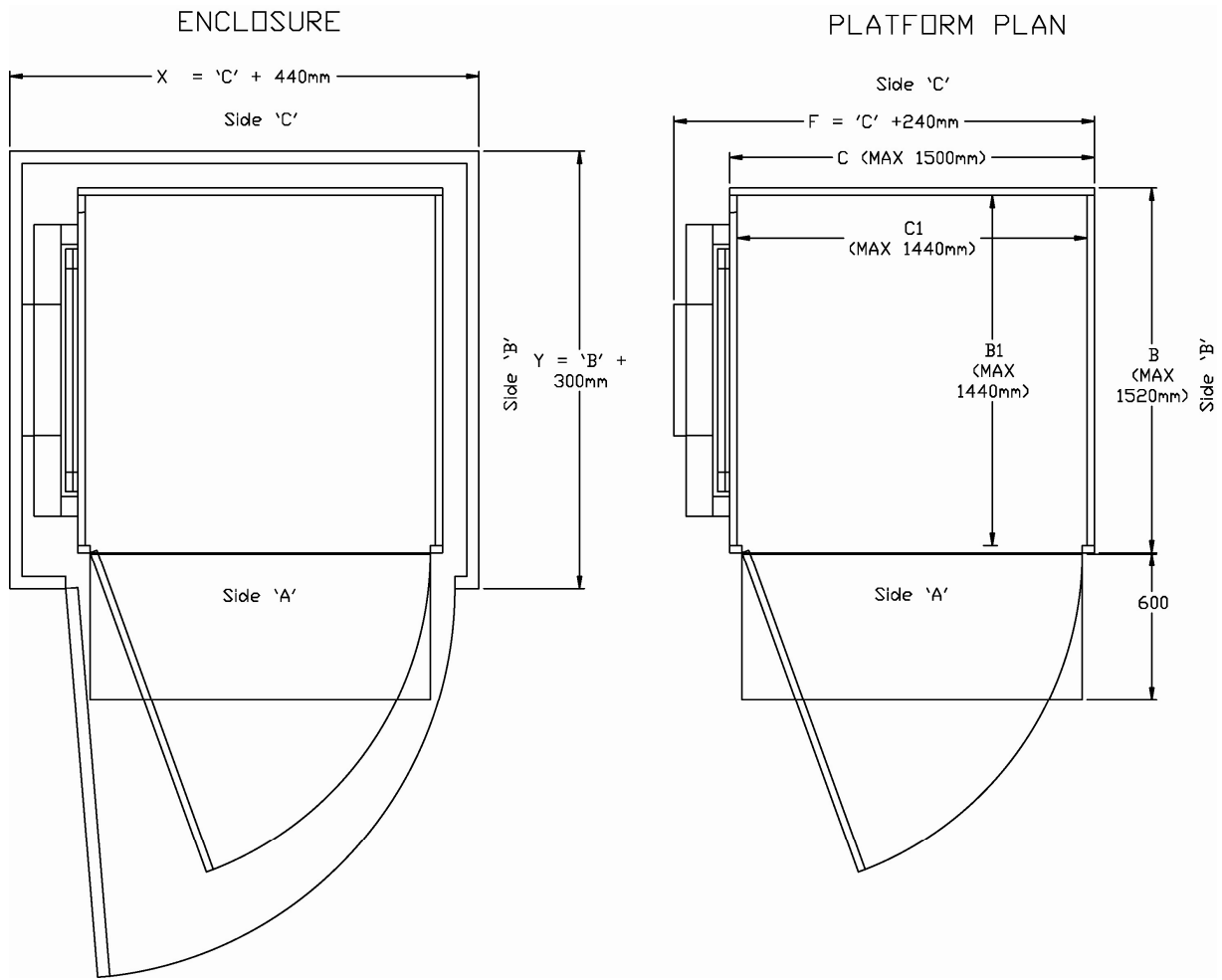
Section A - Heights



SIDE ELEVATION

	Code	Dimension	Notes
Floor Height	H	2440 (2700)	Ground floor to first floor level
Under Ceiling Height	E	2200	Ground to under ceiling height
Mast Height	H1	3145	This is equal to H + 445mm
Platform rail height	D	1100	Standard rail height is 1100mm

Section B – Foot-print & gates



	Code	Dimension	Notes
PLATFORM			
Platform Width (Overall lift width)	B	1350	Maximum 1520mm
Platform Length	C	1250	Maximum 2000mm
Useable Platform Width	B1	1290	This is equal to B minus 80mm
Useable Platform Length	C1	1130	This dimension is the max gate opening width
Overall lift Length	F	n/a	This is equal to C plus 240mm
ENCLOSURE			
Enclosure Length	X	1750	This is equal to C plus 440mm In wall mounted applications, the enclosure will only be on three sides with o/a length minus 50mm
Enclosure Width	Y	1750	This is equal to B plus 300mm
Enclosure Height (Ground floor)		2200	Standard setup is 50mm shorter than under ceiling height
Enclosure Height (1 st Floor)		1100	Standard setup is 1100mm
Enclosure (Other details)	Both levels will have a fully surrounding enclosure		In some applications the enclosure may be full height against the side of a mezzanine

GATES & GROUND FLOOR RAMP: (mark (tick) relevant boxes

Side	Platform Gate		Enclosure Gate (ground floor)		Enclosure Gate (1 st floor)		Ramp
	Single	Twin	Single	Twin	Single	Twin	
A	✓				✓		
B							
C	✓		✓				✓

Section C – Mast Support

Support	Details	Notes
Wall Mount	None	Please give details of the walling materials
Through Mezzanine		Through mezzanine applications require details of the mezzanine structure to ascertain whether or not appropriate support is available
Other	Mast support braced from mezzanine through aperture	Please provide details

Section D – Power Supply

Voltage	Notes
240v Single Phase	
110v Single Phase	
415v Three Phase	✓ Standard fit

Section E – Additions

Lift Colour	std	Standard RAL5017 (Blue)
Enclosure colour	Std	Standard RAL7037 (Grey)
Anti-slip protection	None	None as standard

Section F – Notes