

Lowest Level Served

Plan

1280 mm	1120 mm	1170 mm	1280 mm	2230 mm	
Г	Khepera Business Park, Orgreave Ro TEL, 66-	IFTS LTD and, Sheffield, South Yorkshire, 513 S 50 G06 8933 publikylifts.co.uk	Opt 10	0 Platform	Lift
Site: TYPICAL ARRANGEMENT					

870 mm

1680 mm

1680 mm

1220 mm

1020 mm

1120 mm

980 mm

1790 mm

1790 mm

1380 mm

1180 mm

1280 mm

1380 mm

1280 mm

Size 'E'

Size 'F'

Size 'G'

Size 'H'

Size 'J'

IMPORTANT: this drawing must be used in conjunction with Drawing No. AL00 Builders Work & Electrical Requirements

Side A

Highest Level Served

Plan

Lockable Isolator

@ upper most level

Telephone Point

Control Cabinet

@ upper most level Note: Control cabinet size is 154mm x 210mm x 2200mm

Khepera Business Park, Orgrasus Road, Sheffield, South Yorkshire, S13 9LQ. TEL 6845 006 8803 Email: sales@abilitylifts.co.uk	Opt 100 Platform Lift
Site: TYPICAL ARRANGE	MENT
Project No.: OPT100/OF/L2/TH3000 Dra	wing No.: AL01 Revision No
Scale: NTS @ A2 Date: Mar 2016	Dm: NB Page: 1 of 2
D () D () N N N N N N N N N N N N N N N N N N	

1380 mm

1180 mm

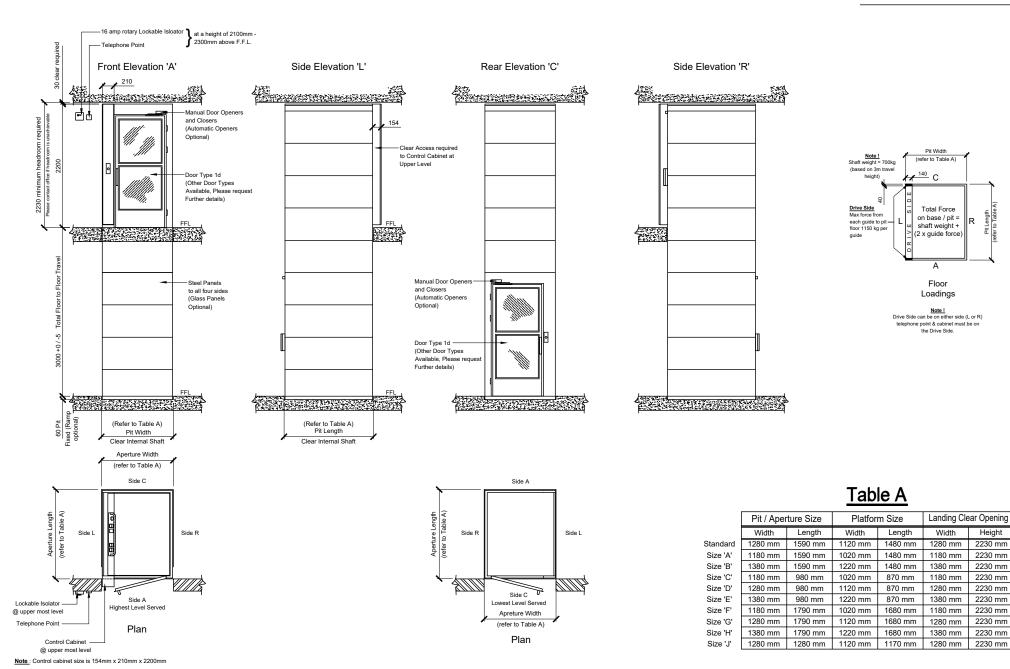
1280 mm

Height

2230 mm

ORIGINAL A2

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IMPORTANT: this drawing must be use	ad in conjunction with Drawing No.	AL00 Builders Work & Electrical Requirements
Tivil OKTANT. this drawing must be use	a in conjunction with Drawing 110.	ALOU DUNGETS WOLK & Electrical Requirements

Ability LIFTS LTD Khopera Business Park, Orgresse Road, Sheffield, South Yorkshire, \$13 St.Q. TEL: 6645 006 8803 Erail: Esske@jibilitylifts.co.uk	Opt 100 F	Platform Lift
Site: TYPICAL ARRANGE	MENT	
Project No.: OPT100/OT/L2/TH3000 Dra	wing No.: AL02	Revision No.
Scale: NTS @ A2 Date: Mar 2016	Dm: NB	Page: 1 of 2
Refer to Drawing No. AL00 Generic Builders W	ork & Electrical Re	girements - Page 2 c

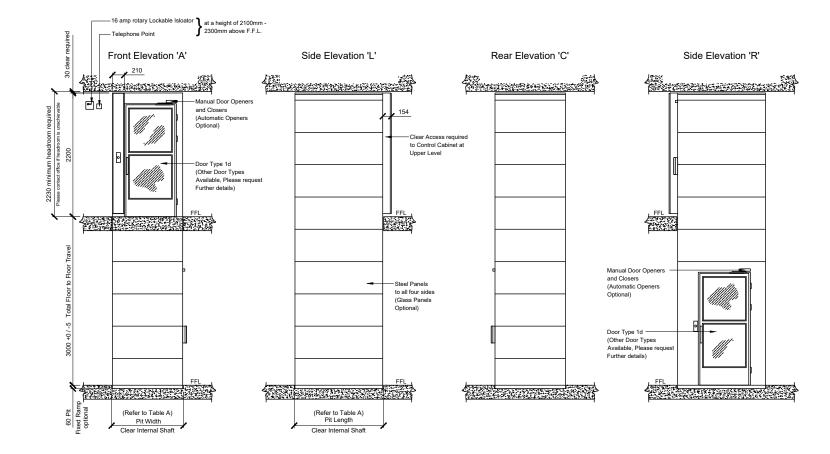
Height

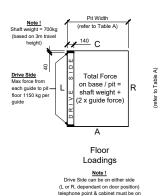
2230 mm



ORIGINAL A2

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the Drive Side.

Table A

	Aperture width	•
1	(refer to Table A)	1
	Side C	
Aperture Length (refer to Table A)		Side R
Lockable Isolator @ upper most level	Side A Highest Level Served	
Telephone Point — Control Cabinet	Plan	

Aperture Width

Pit / Aperture Size		Platform Size		Landing Cle	ar Opening
Width	Length	Width	Length	Width	Height
1280 mm	1590 mm	1120 mm	1480 mm	1280 mm	2230 mm
1180 mm	1590 mm	1020 mm	1480 mm	1180 mm	2230 mm
1380 mm	1590 mm	1220 mm	1480 mm	1380 mm	2230 mm
1180 mm	980 mm	1020 mm	870 mm	1180 mm	2230 mm
1280 mm	980 mm	1120 mm	870 mm	1280 mm	2230 mm
1380 mm	980 mm	1220 mm	870 mm	1380 mm	2230 mm
1180 mm	1790 mm	1020 mm	1680 mm	1180 mm	2230 mm
1280 mm	1790 mm	1120 mm	1680 mm	1280 mm	2230 mm
1380 mm	1790 mm	1220 mm	1680 mm	1380 mm	2230 mm
1280 mm	1280 mm	1120 mm	1170 mm	1280 mm	2230 mm
1 1 1 1 1	Width 1280 mm 180 mm 180 mm 1280 mm 1380 mm 1280 mm 1280 mm 1280 mm 1380 mm 1380 mm 1380 mm	Width Length 1280 mm 1590 mm 1180 mm 1590 mm 1380 mm 1590 mm 1180 mm 980 mm 1280 mm 980 mm 1380 mm 980 mm 1180 mm 1790 mm 1280 mm 1790 mm 1380 mm 1790 mm	Width Length Width 1280 mm 1590 mm 1120 mm 180 mm 1590 mm 1020 mm 1380 mm 1590 mm 1220 mm 180 mm 980 mm 1020 mm 1280 mm 980 mm 1120 mm 1380 mm 980 mm 1220 mm 1180 mm 1790 mm 1020 mm 1280 mm 1790 mm 1120 mm 1380 mm 1790 mm 1120 mm 1380 mm 1790 mm 1220 mm	Width Length Width Length 1280 mm 1590 mm 1120 mm 1480 mm 1180 mm 1590 mm 1020 mm 1480 mm 1380 mm 1590 mm 1220 mm 1480 mm 1180 mm 980 mm 1020 mm 870 mm 1280 mm 980 mm 1120 mm 870 mm 1380 mm 980 mm 1220 mm 870 mm 1180 mm 1790 mm 1020 mm 1680 mm 1280 mm 1790 mm 1120 mm 1680 mm 1380 mm 1790 mm 1220 mm 1680 mm	Width Length Width Length Width 1280 mm 1590 mm 1120 mm 1480 mm 1280 mm 180 mm 1590 mm 1020 mm 1480 mm 1180 mm 1380 mm 1590 mm 1220 mm 1480 mm 1380 mm 1180 mm 980 mm 1020 mm 870 mm 1180 mm 1280 mm 980 mm 1120 mm 870 mm 1280 mm 1380 mm 980 mm 1220 mm 870 mm 1380 mm 1180 mm 1790 mm 1020 mm 1680 mm 1180 mm 1280 mm 1790 mm 1120 mm 1680 mm 1280 mm 1380 mm 1790 mm 1120 mm 1680 mm 1380 mm

1	Aperture Length (refer to Table A)	7
	Side L	
Aperture Width (refer to Table A)	Side R Lowest Level Served	Side C

Plan

 $\underline{\textbf{Note}}$: Control cabinet size is 154mm W x 210mm L x 2200mm H

Control Cabinet __ @ upper most level

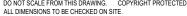
Ability LIFTS LTD

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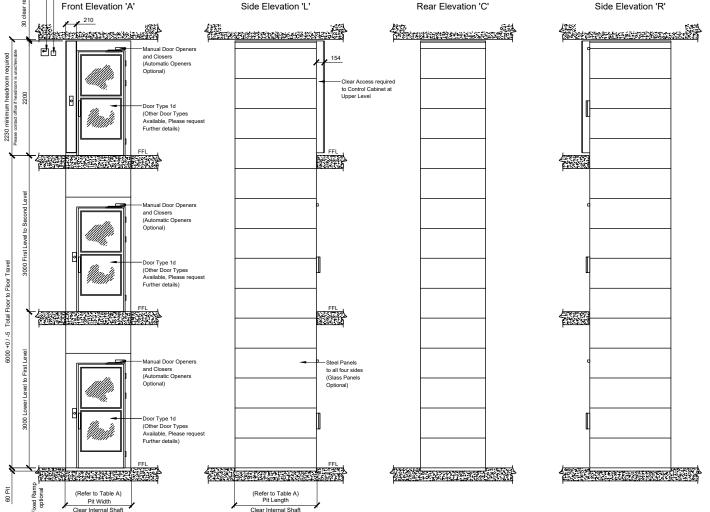
IMPORTANT: this drawing must be used in conjunction with Drawing No. AL00 Builders Work & Electrical Requir	omonte
IMPORTANT: this drawing must be used in conjunction with Drawing No. Abou builders work & Electrical Requir	ements



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ORIGINAL A2



Aperture Length (refer to Table A)

Side R

at a height of 2100mm -

2300mm above F.F.L.

- Telephone Point

Aperture Width

(refer to Table A)

Side A Highest Level Served

Plan

Side R

Side L

@ upper most level

Telephone Point

Control Cabinet @ upper most level

Pit Width Note ! Shaft weight = 1100kg (based on 6m travel height) Drive Side Max force from Total Force Pit Length (refer to Table on base / pit = each guide to pit shaft weight + floor 1150 kg per (2 x guide force) Α Floor Loadings

Note!

Drive Side can be on either side (L or R) telephone point & cabinet must be on the Drive Side.

Table A

	Pit / Aperture Size		Platfor	Platform Size		Landing Clear Opening	
	Width	Length	Width	Length	Width	Height	
Standard	1280 mm	1590 mm	1120 mm	1480 mm	1280 mm	2230 mm	
Size 'A'	1180 mm	1590 mm	1020 mm	1480 mm	1180 mm	2230 mm	
Size 'B'	1380 mm	1590 mm	1220 mm	1480 mm	1380 mm	2230 mm	
Size 'C'	1180 mm	980 mm	1020 mm	870 mm	1180 mm	2230 mm	
Size 'D'	1280 mm	980 mm	1120 mm	870 mm	1280 mm	2230 mm	
Size 'E'	1380 mm	980 mm	1220 mm	870 mm	1380 mm	2230 mm	
Size 'F'	1180 mm	1790 mm	1020 mm	1680 mm	1180 mm	2230 mm	
Size 'G'	1280 mm	1790 mm	1120 mm	1680 mm	1280 mm	2230 mm	
Size 'H'	1380 mm	1790 mm	1220 mm	1680 mm	1380 mm	2230 mm	
Size 'J'	1280 mm	1280 mm	1120 mm	1170 mm	1280 mm	2230 mm	

IMPORTANT: this drawing must be used in conjunction with Drawing No. AL00 **Builders Work & Electrical Requirements**

Lowest Level Served

Plan

Side L

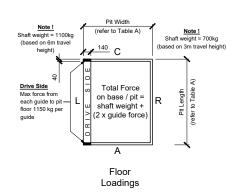
Aperture Width

(refer to Table A) Side A

Ability LIFTS LTD Khapera Business Park, Orgresse Road, Sheffaid, South Yorkshire, \$13 94.0. TEL: Gold 2023 Ernal: sales@bolloy/ths_co.sk	Opt 100 Pl	atform Lift
Site: TYPICAL ARRANGE	EMENT	
Project No.: OPT100/OFO/L3/TH 6000 D	rawing No.: AL04	Revision No.
Scale: NTS @ A2 Date: Mar 2016	Dm:NB	Page:1 of 2



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Drive Side can be on either side (L or R) telephone point & cabinet must be on the Drive Side.

Table A

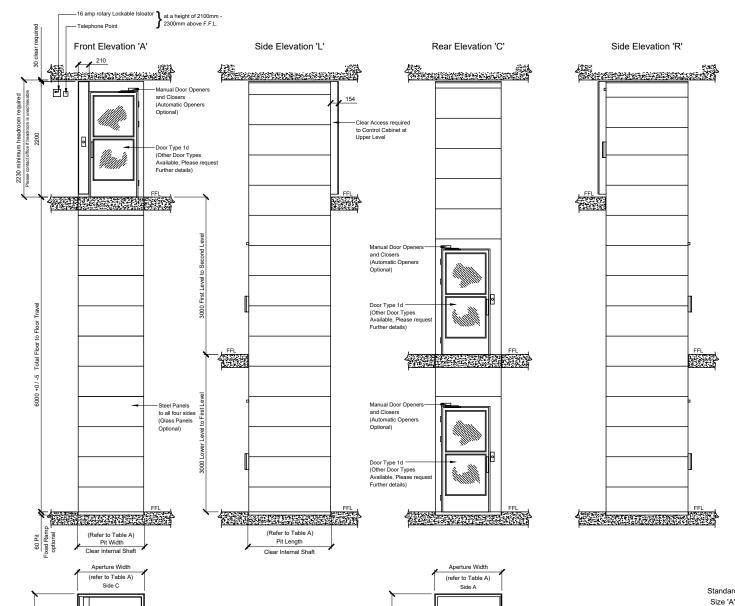
Pit / Aperture Size Platform Size Landing Cle Width Length Width Length Width rd 1280 mm 1590 mm 1120 mm 1480 mm 1280 mm rd 1180 mm 1590 mm 1020 mm 1480 mm 1180 mm								
rd 1280 mm 1590 mm 1120 mm 1480 mm 1280 mm	ar Opening							
	Height							
' 1180 mm 1590 mm 1020 mm 1480 mm 1180 mm	2230 mm							
	2230 mm							
3' 1380 mm 1590 mm 1220 mm 1480 mm 1380 mm	2230 mm							
C 1180 mm 980 mm 1020 mm 870 mm 1180 mm	2230 mm							
0' 1280 mm 980 mm 1120 mm 870 mm 1280 mm	2230 mm							
1380 mm 980 mm 1220 mm 870 mm 1380 mm	2230 mm							
1180 mm 1790 mm 1020 mm 1680 mm 1180 mm	2230 mm							
5' 1280 mm 1790 mm 1120 mm 1680 mm 1280 mm	2230 mm							
1' 1380 mm 1790 mm 1220 mm 1680 mm 1380 mm	2230 mm							
1 1280 mm 1280 mm 1120 mm 1170 mm 1280 mm	2230 mm							

Size 'B' Size 'C'

Size 'D'

Size 'E' Size 'F' Size 'G' Size 'H' Size 'J'

Ability LIFTS LTD Khepera Business Park, Orgreuve Road, Sheffield, South Yorkshire, \$13 SLQ. TEL: 0845 906 8003 Erasi: sales@glibblights.co.uk	Opt 100 P	latform Lift
Site: TYPICAL ARRANGE	MENT	
Project No.: OPT100/OT/L3/TH 6000 Dra	awing No. : AL05	Revision No
Scale: NTS @ A2 Date: Mar 2016	Dm: NB	Page: 1 of 2
Refer to Drawing No. AL00 Generic Builders V	ork & Electrical Rec	irements - Page 2 of



Note: Control cabinet size is 154mm W x 210mm L x 2200mm H

IMPORTANT: this drawing must be used in conjunction with Drawing No. AI

Side R

Highest Level Served

Plan

Control Cabinet -@ upper most level

IMPORTANT: this drawing must be used in conjunction with Drawing No. AL00 Builders Work & Electrical Requirements

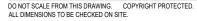
Side F

Side A

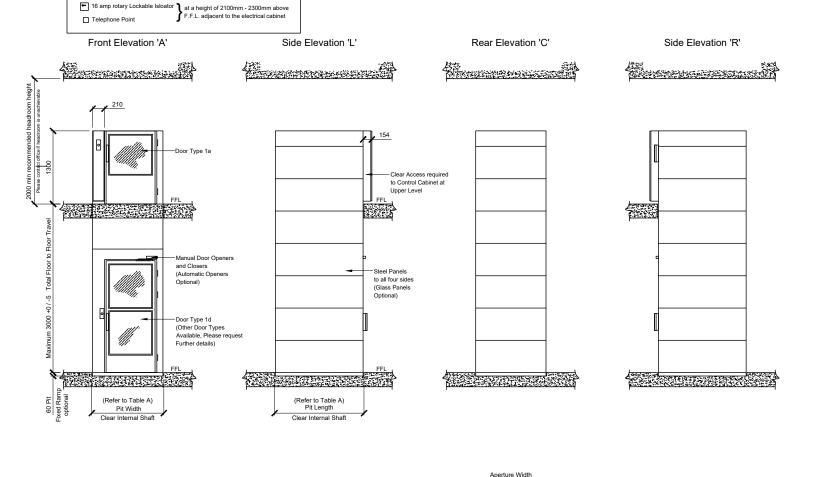
Lowest Level Served
Plan

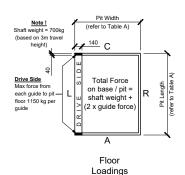
Side L





ORIGINAL A2

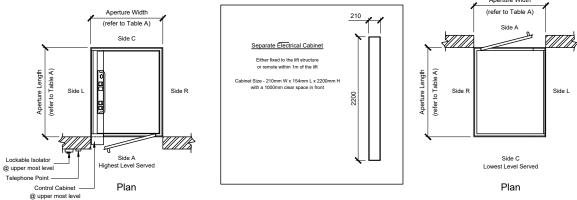




Drive Side can be on either side (L or R) telephone point & cabinet must be on the adjacent side.

Table A

	Pit / Aperture Size		Platform Size		Landing Clear Opening			
	Width	Length	Width	Length	Width	Height		
Standard	1280 mm	1590 mm	1120 mm	1480 mm	1280 mm	2230 mm		
Size 'A'	1180 mm	1590 mm	1020 mm	1480 mm	1180 mm	2230 mm		
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Size 'E'	1380 mm	980 mm	1220 mm	870 mm	1380 mm	2230 mm		
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Size 'G'	1280 mm	1790 mm	1120 mm	1680 mm	1280 mm	2230 mm		
Size 'H'	1380 mm	1790 mm	1220 mm	1680 mm	1380 mm	2230 mm		
Size 'J'	1280 mm	1280 mm	1120 mm	1170 mm	1280 mm	2230 mm		
						,		



 $\frac{\textbf{Note}}{L \ x \ 1300 \text{mm H; a separate electrical cabinet is required.}}$

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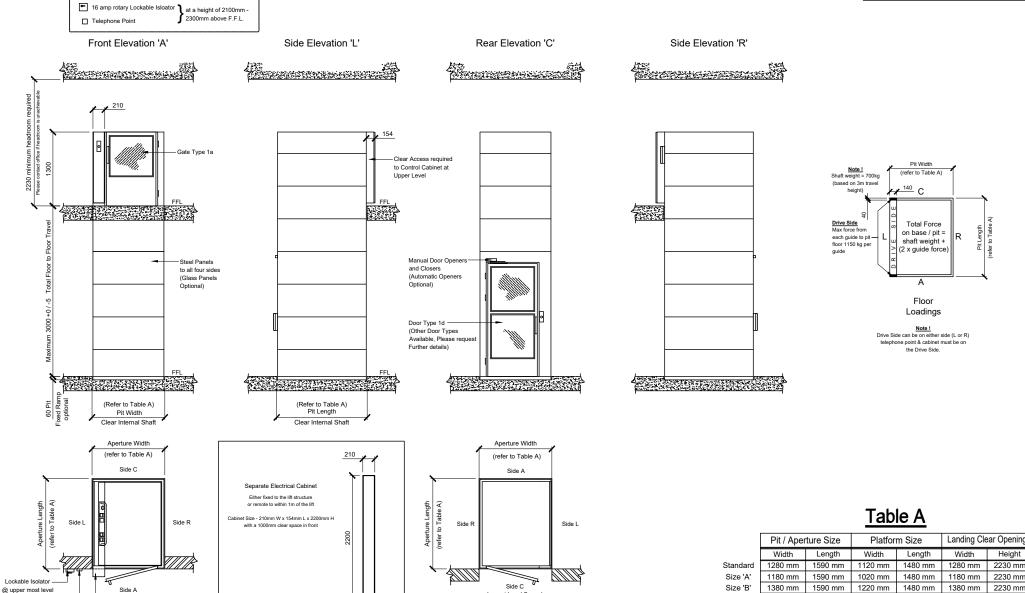
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IMPORTANT: this drawing must be used in conju	inction with Drawing No. AL	00 Builders Work & Electrical Requirements



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ORIGINAL A2



Lowest Level Served

Plan

	Pit / Aperture Size		Platform Size		Landing Clear Opening	
	Width	Length	Width	Length	Width	Height
Standard	1280 mm	1590 mm	1120 mm	1480 mm	1280 mm	2230 mm
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Size 'J'	1280 mm	1280 mm	1120 mm	1170 mm	1280 mm	2230 mm

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Opt 100 Platform Lift

Sife: TYPICAL ARRANGEMENT

Project No.: CPT100/OT/12/TH3000 Drawing No.: AL07 Revision No.

Refer to Drawing No. AL00 Generic Builders Work & Electrical Regirements - Page 2 of 2

Scale: NTS @ A2 Date: Mar 2016 Drn: NB

Telephone Point

Control Cabinet -@ upper most level Plan

<u>Note</u>: Control Cabinet with a half height gate is 210mm W x 154mm L x 1300mm H, a separate electrical cabinet is required

BUILDERS WORK AND GENERAL NOTE

The customer is responsible for carrying out the work below. These are required for the lift to comply with the supply of Machinery (safety) Regulations 1992. If any points are unclear then please contact Ability Lifts Limited for clarification.

1.0 GENERAL

1.1 - Provide clear and safe access into and through the building for the passage of the lift equipment and personnel must be maintained. The equipment delivered to site; based on a typical 2 stop, 3m travel, type Opt 100 Platform Lift: -

Packing crate: 2.5m long x 1.5m wide x 1.8m high. Total weight = 1500kg approx. Any lift above 3m travel please allow a further 100kg approx per 1m travel (or part thereof)

1.2 - Unload delivered materials and store in a suitable dry and secure location, within 5m of the proposed lift location. Parts should be handled with care to avoid damaging components and decorative finishes.

Please Note: parts may become damaged if stored outside or in damp conditions.

1.3 - Provide a 60mm shallow recess pit depth to suit the respective well dimensions shown in Table A.

Please Note: Though a pit is recommended for level access, sometimes it may not possible to construct a pit then the lift can be fitted directly on to a structural base with ramp access.

- 1.4 Provide a vertical plumb aperture through the building to suit the respective well dimensions shown in,Table A
- 1.5 Provide clear openings on each landing entrance to suit the respective dimension shown in Table A.

Please Note: all making good works must not be undertaken until the installation of the lift is complete.

1.6 - Provide a minimum headroom height at the top level served by the lift of 2230mm.

Please Note: Pit, Vertical Aperture, Landing openings and headroom height must be all correctly aligned for installation purposes.

1.7 - Provision of a telephone (standard) or emergency auto-dialler (optional) or intercom (optional) is required on the platform the customer must provide a dedicated line terminated adjacent to the lift rotary isolator.

Please Note: only one communication device can be fitted on the platform.

- 1.8 Control cabinet will need to be accessed during routine maintenance and therefore should not be obstructed by walls and/or nibs.
- 1.9 Installation area and access route shall be clear of debris and site personnel for the duration of the lift installation. A secured area shall be made available, adjacent to installation for storage of tools and equipment.
- 1.10 A safe working area 1000mm back from the leading edge by the full width of the platform lift shaft is required at each level for the duration of the installation
- 1.11 Builder to provide hoardings or barriers to protect all upper landing for the duration of the lift installation.
- 1.12 Installation area must be adequately illuminated.

2.0 DIMENSIONS AND TOLERANCES

Do not scale from the drawings. All dimensions are in millimeters except where otherwise stated. All dimensions are to be measured from datum lines A-A (front of pit) and B-B (side of pit). The clear plumb dimensions shown have a tolerance of +5mm/-0mm.

3.0 BUILDING SERVICES

On no account should steam, gas, water or any other building service be installed in or run through the clear lift envelope.

4.0 LIFT ENVELOPE

- 4.1 The structural pit floor must be firm, level, waterproof and designed and constructed to withstand all the forces imposed by the lift and its equipment. NOTE: no insulation is to be fitted beneath the pit floor that will impact on its capability to withstand the imposed forces applied by the lift.
- 4.2 Make good the surrounds of entrances after doors/frames and shaft are finally positioned and fixed following installation.

5.0 ELECTRICAL WORKS

- 5.1 Provide a dedicated RCD, 240 volt, 1 phase, 50 hertz, 16 amps, 3 wire permanent supply terminating in a lockable rotary isolator.
- 5.2 The lockable rotary isolator should be positioned 2100m 2300m above floor level adjacent to the lift control cabinet (normally located on Side A at the upper floor level served by the lift on the machinery/drive side). The isolator should be able to be padlocked in the OFF position and be positioned so it is easily and readily accessible.
- 5.3 The cables to the rotary isolator are to be suitable for supplying a 0.55kw motor taking 6.7A at full load and 13A momentary starting current. The voltage drop to the isolating switch must not exceed 2% when carrying the starting current.
- 5.4 The electrical work must comply with the latest revision of BS 7671 : IEE Wiring Regulations.
- 5.5 Please provide a separate dedicated telephone line terminating near the lift isolator. NOTE: This is not required if an intercom is selected

Ability LIFTS LTD Opt 100 Platform Lift Site: TYPICAL ARRANGEMENT Scale: NTS @ A2 Date: Mar 2016 Drn: NB

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