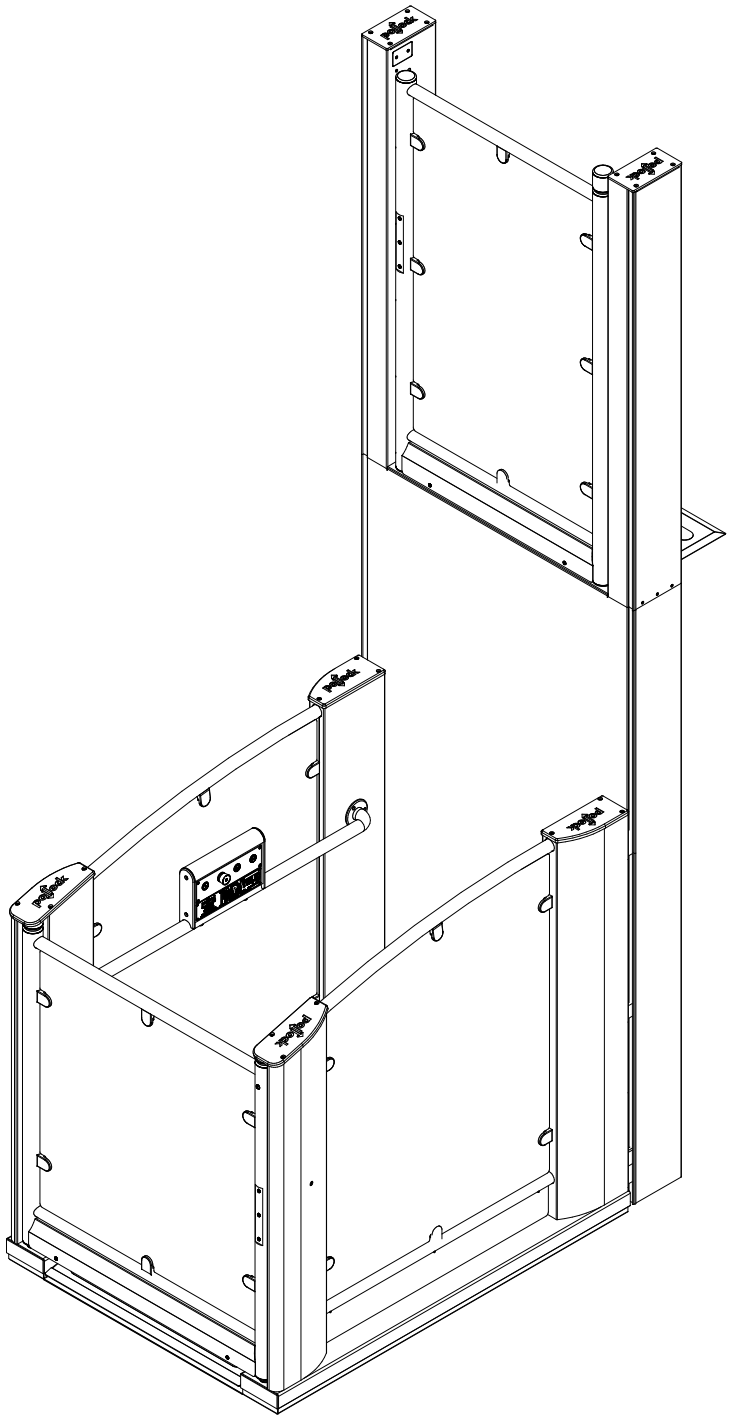
INDEPENDENCE 2m STEPLIFT SPECIFYING GUIDE



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1. 2m STEPLIFT PLATFORM LIFT.

The independence Steplift 2m is a hydraulically operated platform lift capable of raising a maximum of 500kg up to between fixed floor.

The design and manufacture of this product is in accordance with CE Mark, BS6440:2011, BS8300:2009, ISO/9386-1:1999(E). The Independence Steplift 2m is suitable for use by person(s) with impaired mobility in both public and domestic locations.

Special consideration has been given to the location and dimensions of control allowing safe and unaided use by person(s) with impaired mobility whether ambulant or in a wheelchair. A control station is provided on the platform and at the upper and lower floor levels. Various key switching options are avalible.

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2. 2m STEPLIFT TECHNICAL SPECIFICATION.

INDEPENDENCE STEPLIFT 1m	
APPLICATION RANGE	Ambulant and Wheelchair users Internal and External Location
Maximum Safe Working Load	500kg (78 Stone)
Maximum Travel	2000mm
Rated Speed	0.1 m/s
Power Supply	220/240V 50/60Hz 13A single phase (max)
Low voltage operating system. The lift has battery. Lift should never be left disconnected from the main supply for long periods.	24 DC
Duty Cycle	10 cycles per hour
Maximum Peak Preasure	180 bar
Hydraulic Oil Grade	MAXOL HYDRAMAX ISO 32
Lift Operating Temperature Range	-20°C to + 40°C
Lift Operating Humidity Range	50% to 100%
Safety	Safety buttom tray protected against entrapment bellow the platform. Hose burst valve in base of ram.
Design and Manufacturing Standards	CE Mark BS6440:2011, BS8300:2009, ISO/9386-1:1999(E)
Power Pack IP Rating	IP67
Control Station IP Rating	IP55

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3. 2m STEPLIFT PLATFORM OPTIONS.

PLATFORM	
ENTRY	Through Entry Adjacent Entry (RH/LH)
LIFT SIZE	800W 900W 1100W
STANCHIONS	Aluminium (Standard)
Handrails	SSteel Curve (Standard) SSteel Straight
Side Panels	Glazed Side Panels
LOWER LEVEL PLATFORM ENTRY	Lower Level Gate
Lower Level Gate	Glazed
UPPER LEVEL PLATFORM ENTRY	Upper Gate
Upper Level Gate	Glazed
Pump Location	in Upper Gate

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4. 2m STEPLIFT CONTROLS OPTIONS.

CONTROLS	
IN CAR CONTROLS	Single (Std) Twin
STANCHIONS	Aluminium
CALL STATION TYPE	Standard Standard SSteel Braille Standard Braille SSteel Braille Brass
CALL LOCATION UPPER LEVEL	In GATE (Std) SURFACE BOX FLUSH BOX CALL POST
CALL LOCATION LOWER LEVEL	SURFACE BOX (Std) FLUSH BOX CALL POST
CALL POST TYPE	Aluminium Square SSteel Square SSteel Round Custom
On Board Alarm	N/A (Std) Alarm Button Autodialler
Key Switch	2m Timer (Std) Toggle

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5. 2m STEPLIFT SITE INFORMATION.

SITE	
LIFT MOUNTING	FLOOR PIT
LIFT LOCATION	INDOOR OUTDOOR
RISE STRUCTURE	CONCRETE STEEL
RISE	up to 2000mm* *min500mm for Pump located in Gate Unit

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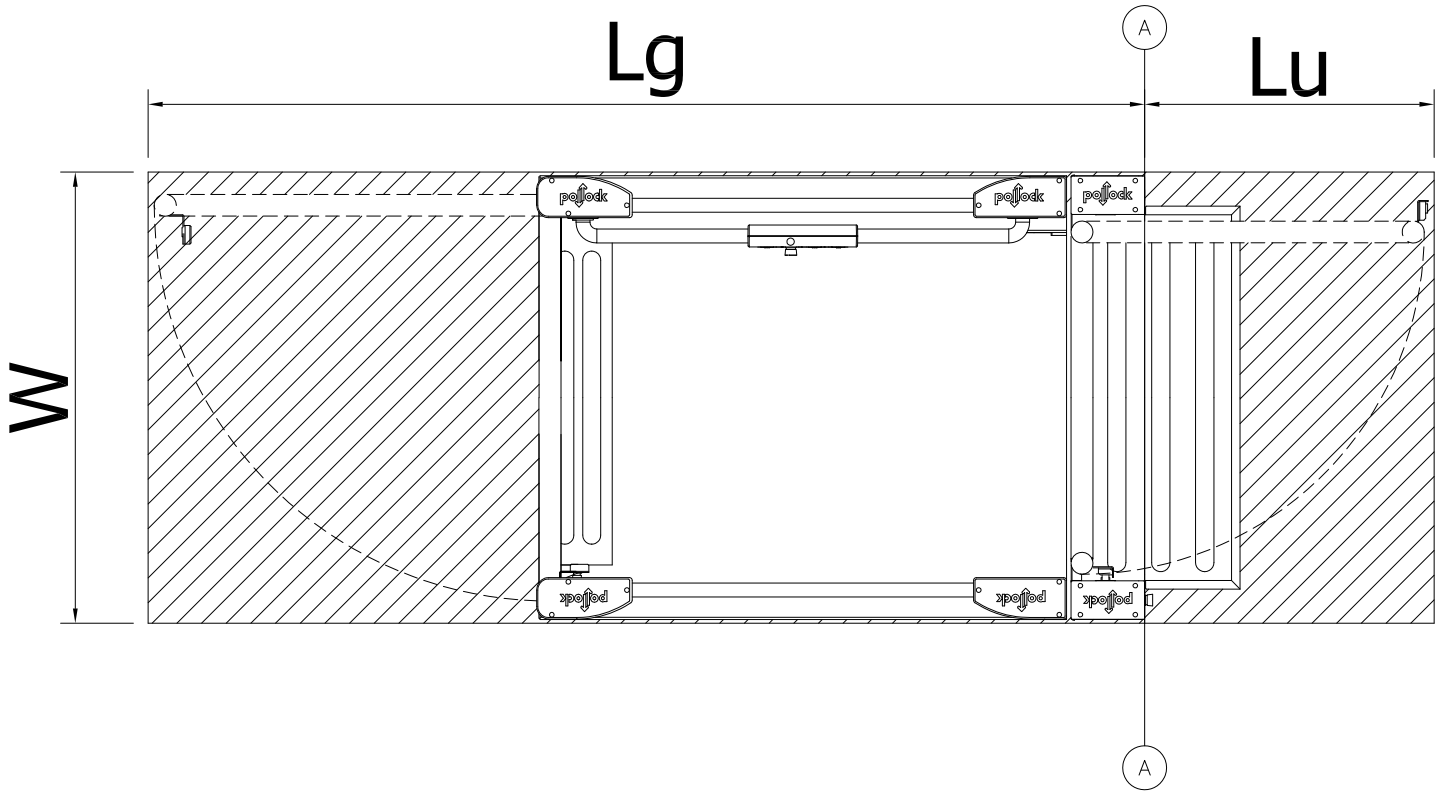
6. Footprint of Through Entry 2m Steplift.



Through Entry 2m Steplift			
Lift Width	Minimum Footprint Width (W)	Minimum Ground Footprint Length (Lg)	Minimum Upper Footprint Length (Lu)
800W	1130^{+0}_{-4}	2620	690
900W	1230^{+0}_{-4}	2720	790
1100W	1430^{+0}_{-4}	2920	990

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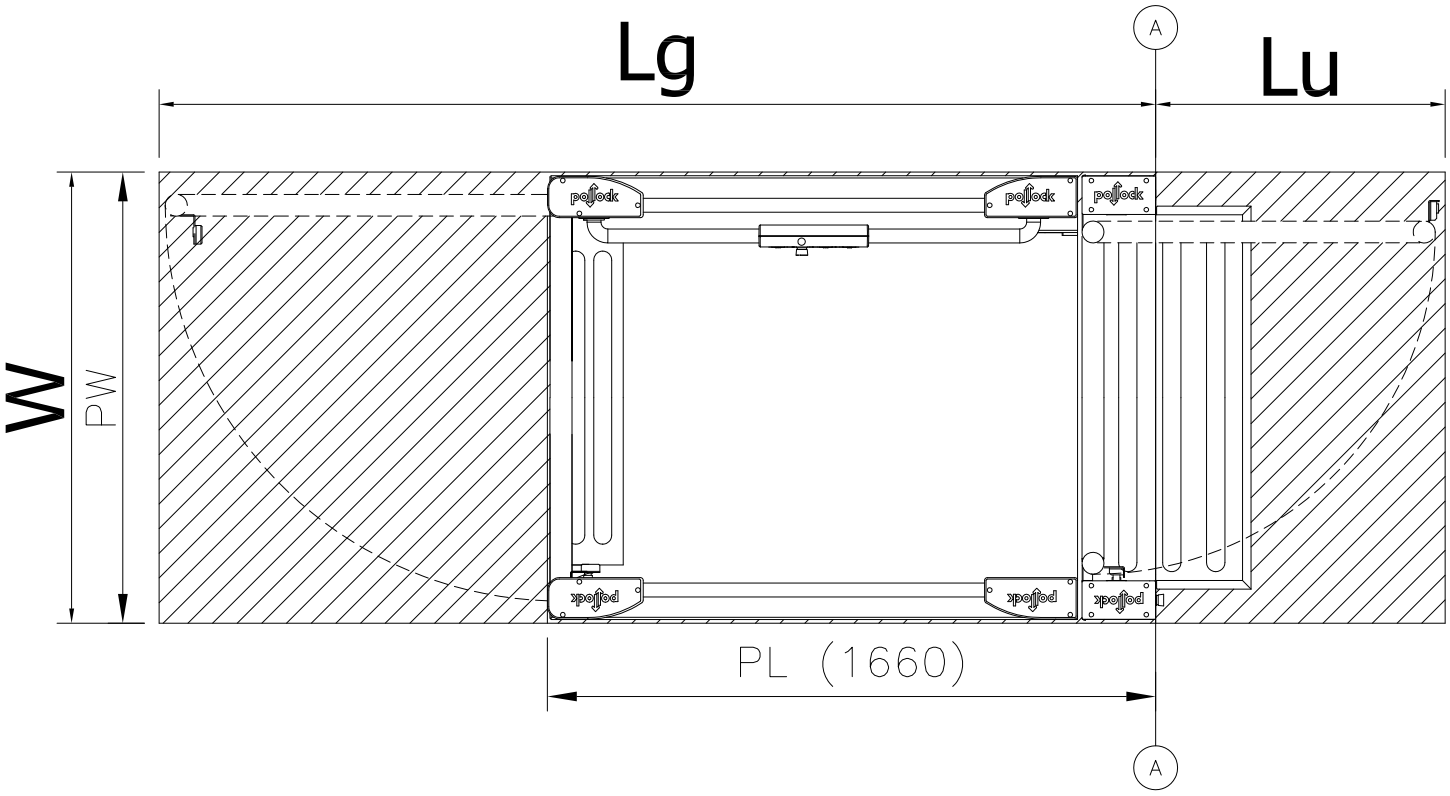
7. Footprint of Through Entry 2m Steplift PIT Mounted.



Through Entry 2m Steplift PIT Mounted						
Lift Width	Minimum Footprint Width (W)	Minimum Ground Footprint Length (Lg)	Minimum Upper Footprint Length (Lu)	PIT Width (PW)	PIT Length (PL)	PIT Depth
800W	1130 $^{+0}_{-4}$	2620	690	1130 $^{+0}_{-4}$	1660 $^{+0}_{-4}$	50 $^{+0}_{-2}$
900W	1230 $^{+0}_{-4}$	2720	790	1230 $^{+0}_{-4}$	1660 $^{+0}_{-4}$	50 $^{+0}_{-2}$
1100W	1430 $^{+0}_{-4}$	2920	990	1430 $^{+0}_{-4}$	1660 $^{+0}_{-4}$	50 $^{+0}_{-2}$

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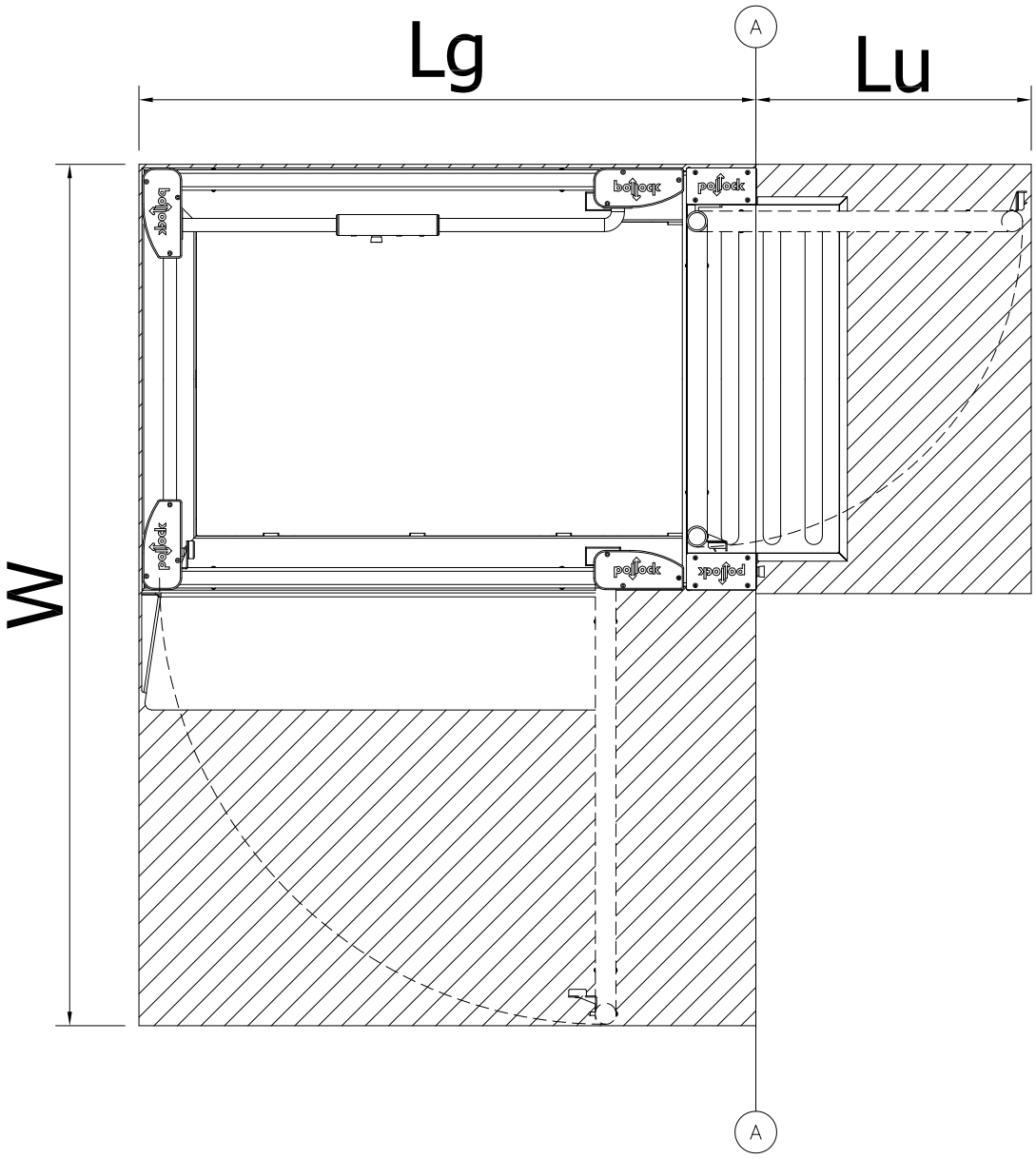
8. Footprint of Adjacent Entry 2m Steplift.



Adjacent Entry 2m Steplift			
Lift Width	Minimum Footprint Width (W)	Minimum Ground Footprint Length (Lg)	Minimum Upper Footprint Length (Lu)
900W	2480^{+0}_{-4}	1770^{+0}_{-2}	790
1100W	2680^{+0}_{-4}	1770^{+0}_{-2}	990

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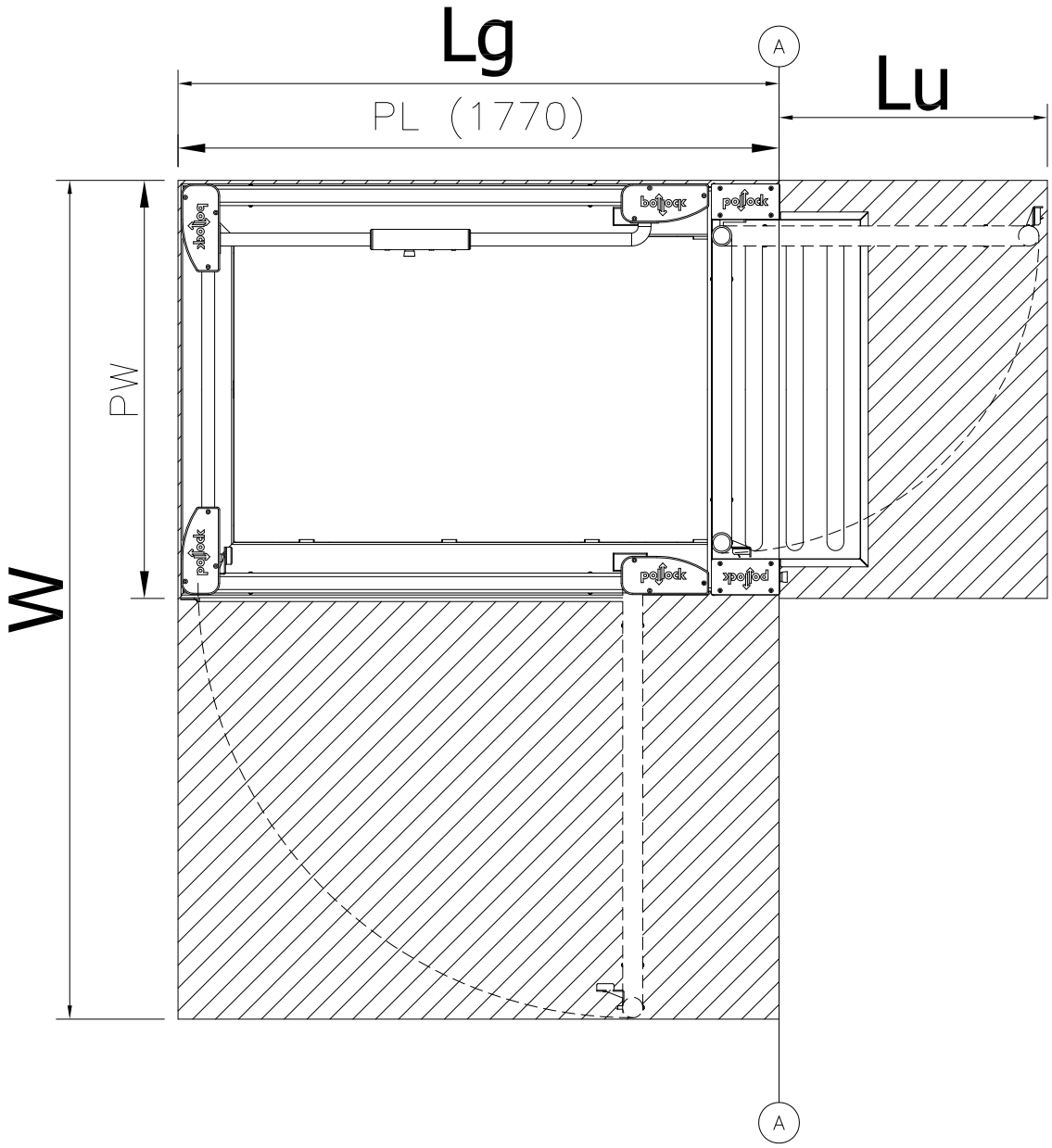
9. Footprint of Adjacent Entry 2m Steplift PIT Mounted.



Adjacent Entry 2m Steplift PIT Mounted						
Lift Width	Minimum Footprint Width (W)	Minimum Ground Footprint Length (Lg)	Minimum Upper Footprint Length (Lu)	PIT Width (PW)	PIT Length (PL)	PIT Depth
900W	2480	1770 $^{+0}_{-2}$	790	1230 $^{+0}_{-4}$	1770 $^{+0}_{-2}$	50 $^{+0}_{-2}$
1100W	2680	1770 $^{+0}_{-2}$	990	1430 $^{+0}_{-4}$	1770 $^{+0}_{-2}$	50 $^{+0}_{-2}$

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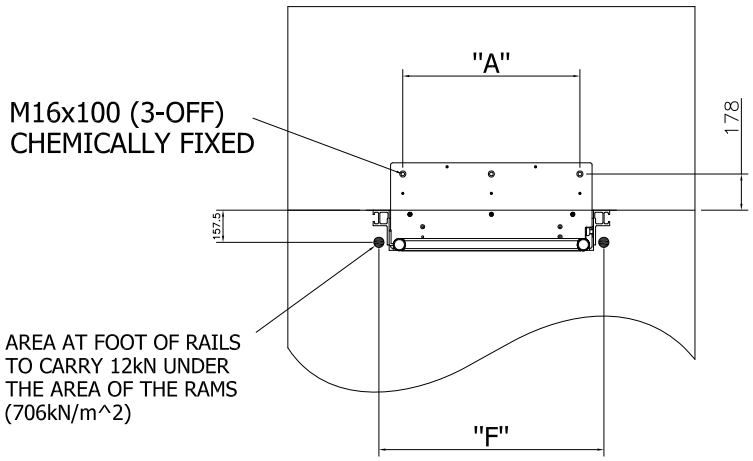
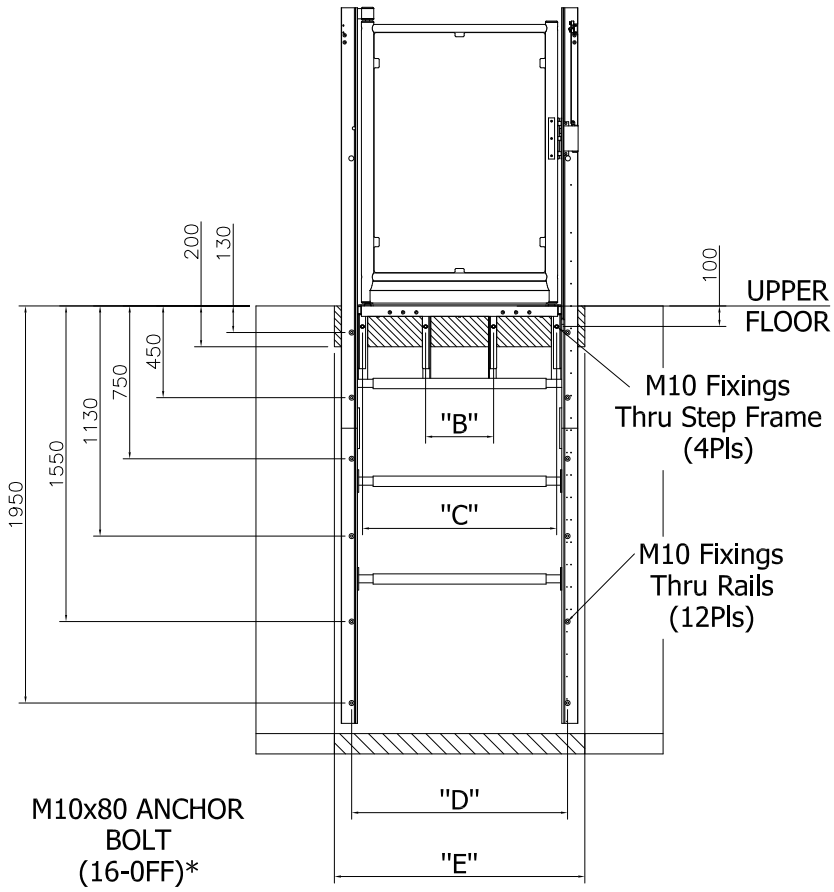
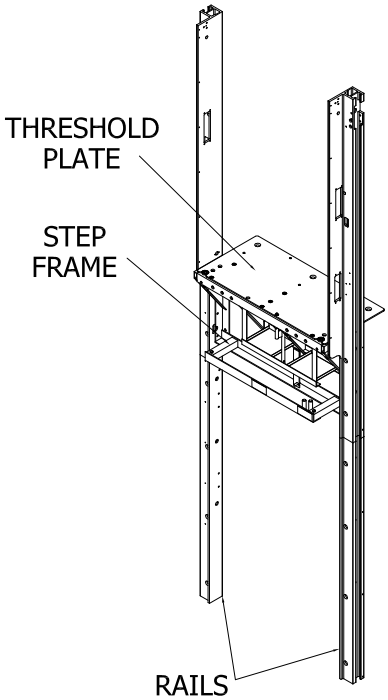
10. 2m Steplift Loading Details.



LIFT VARIABLES						
LIFT WIDTH	"A"	"B"	"C"	"D"	"E"	"F"
800	770	295	855	960	1130	1005
900	870	335	955	1060	1230	1105
1100	1070	395	1155	1260	1430	1305





* DEPENDING ON RISE THE NUMBER OF ANCHOR BOLTS WILL REDUCE FROM THE BOTTOM UP

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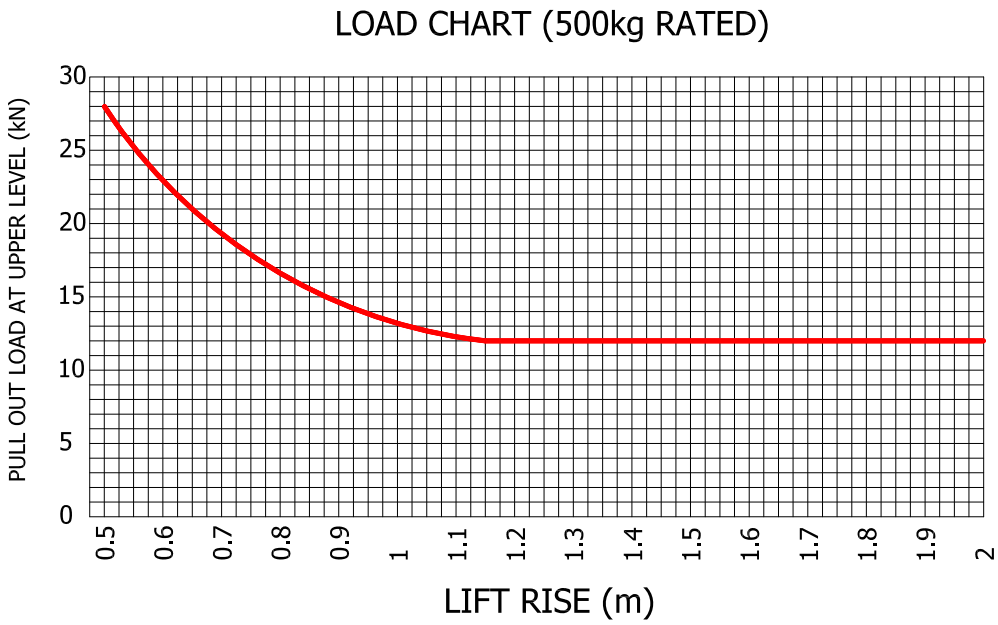
10. 2m Steplift Loading Details.



NOTES:

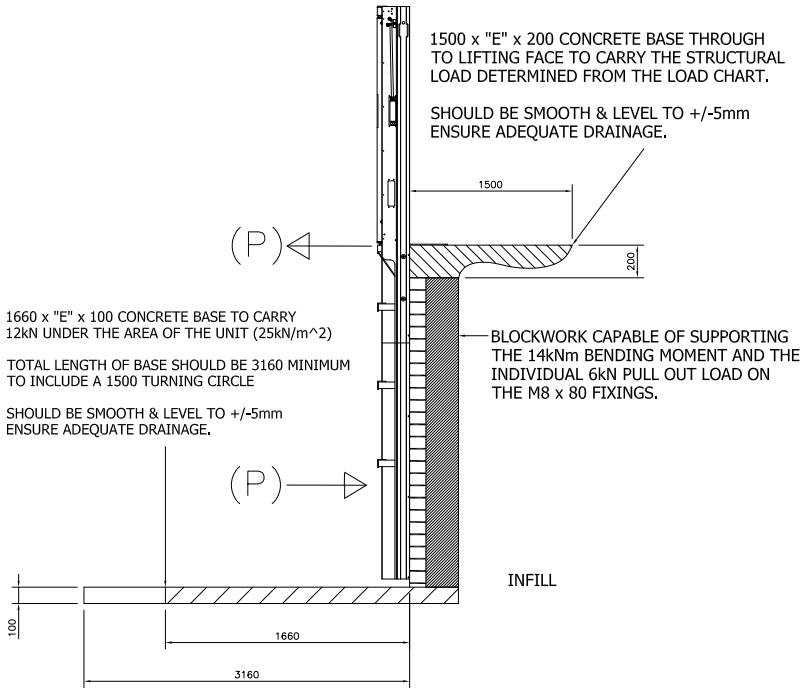
DETERMINE THE TOTAL STRUCTURAL LOAD (P) FROM THE LOAD CHART ABOVE.

SHEAR LOAD PER M16x100 FIXING = P/2

PULL OUT LOAD PER M8x80 FIXING = 6kN

BENDING MOMENT ON LIFT FACE WALL = 14kNm

INDIVIDUAL FIXING LOADS ARE WORST CASE AND ARE NOT CUMLATIVE.



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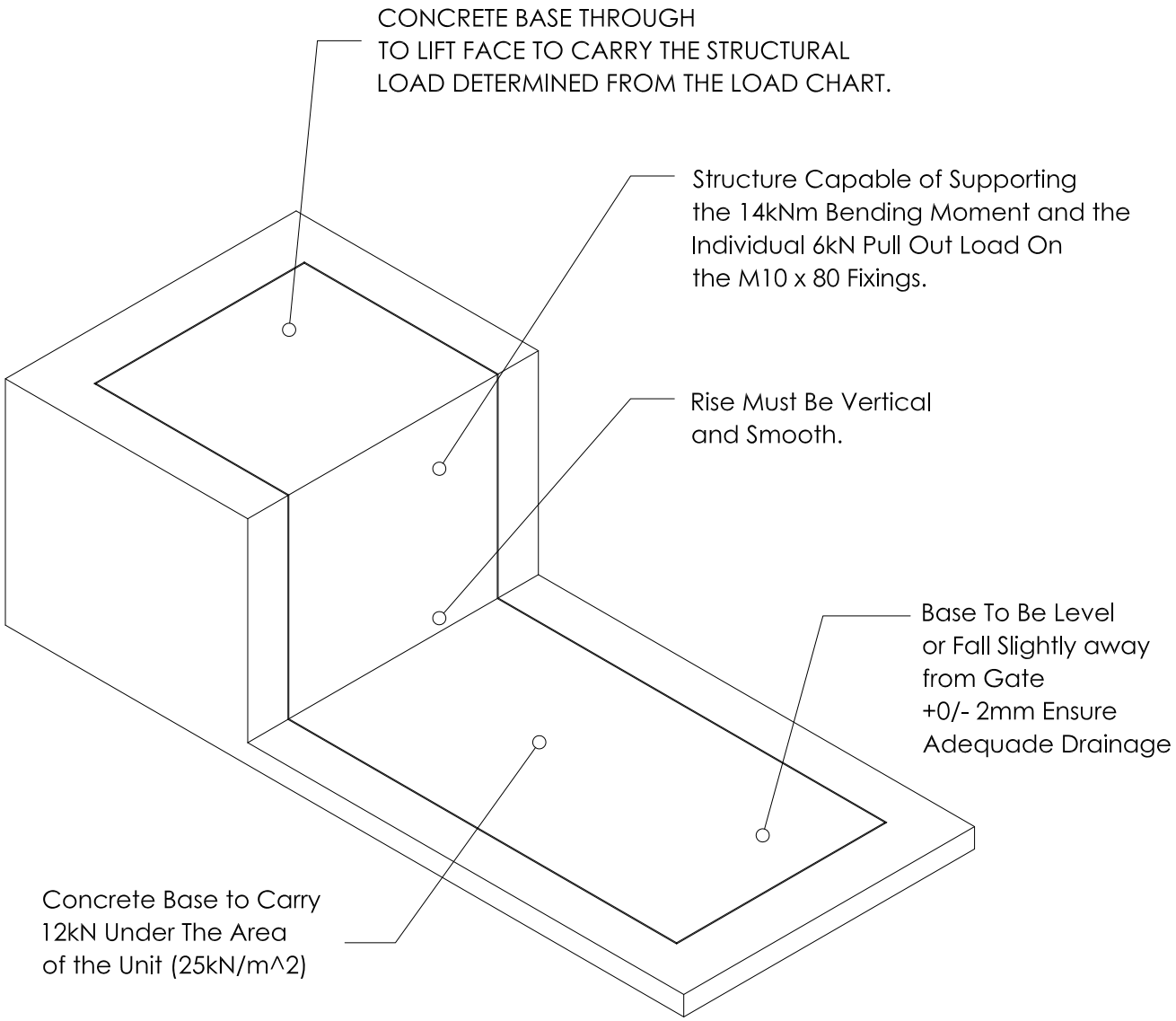
11a. Site Information - general.



Lift must NOT be Located Over External Services
e.g. Mains Water Stop Tap, Manhole etc.

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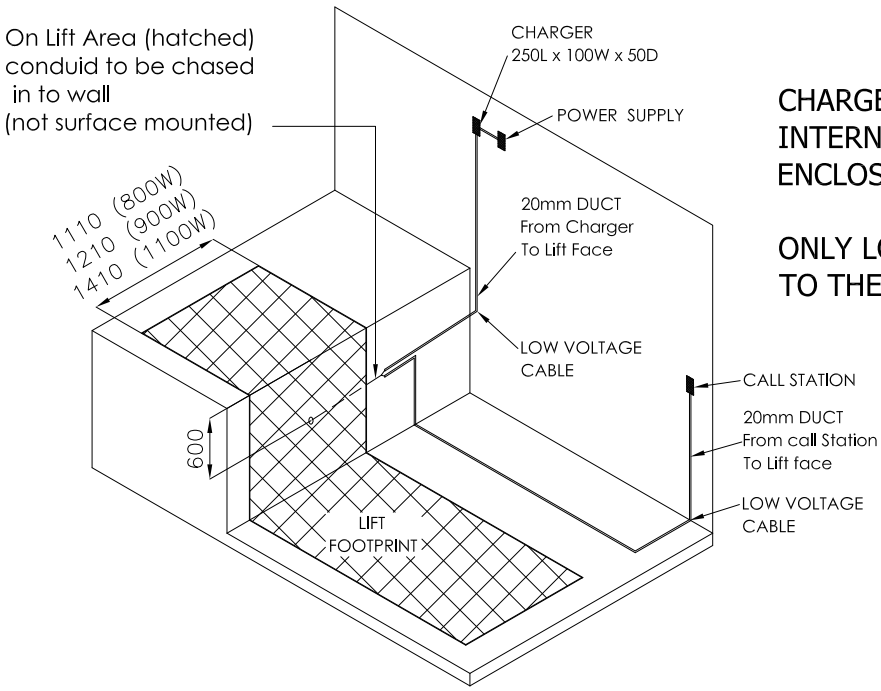
11b. Site Information - power supply information.

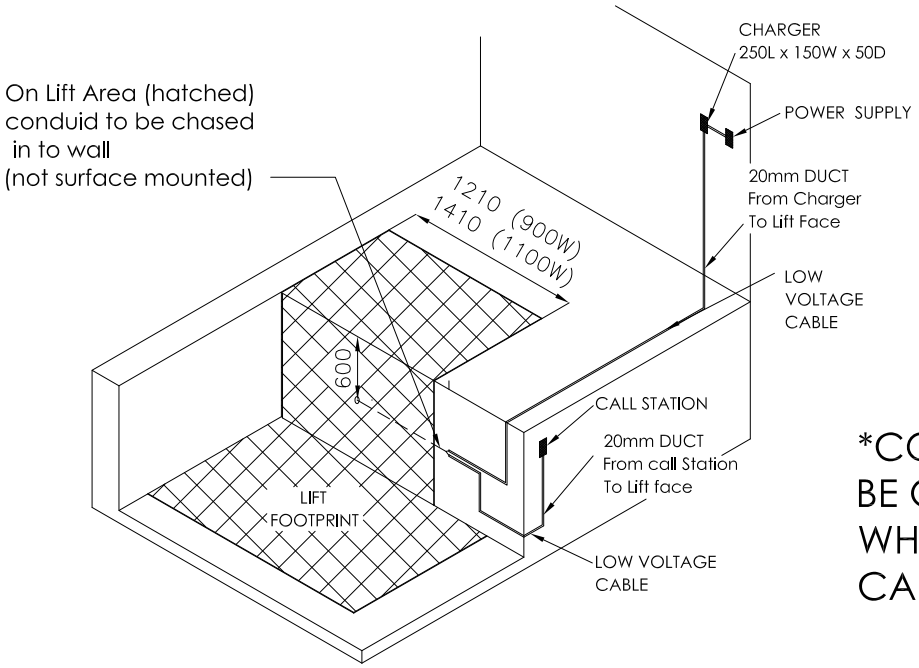
12b.1 Through Entry 2m Steplift

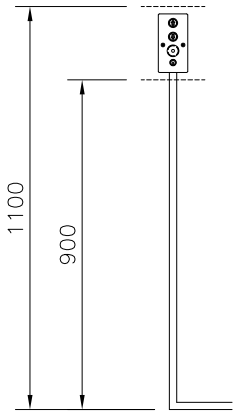


CHARGER SHOULD BE PLACED EITHER INTERNAL OR EXTERNAL IN WEATHERPROOF ENCLOSURE OUTSIDE LIFT FOOTPRINT.

ONLY LOW VOLTAGE CABLE TO BE DUCTING TO THE LIFT POSITION.

12b.2 Adjacent Entry 2m Steplift





CALL STATION
POSITION DETAILS

*CONSIDERATION SHOULD BE GIVEN TO DOOR SWING WHEN DECIDING UPON CALL STATION POSITIONING.

POWER SUPPLY:
Provide a 230V, 1 phase, 50 hertz, 3 wire permanent supply terminating in a fused spur 13A within close vicinity of the lift (within the fabric of the building But Outside Lift footprint + A 20mm Duct installed terminating at lift position as indicated).

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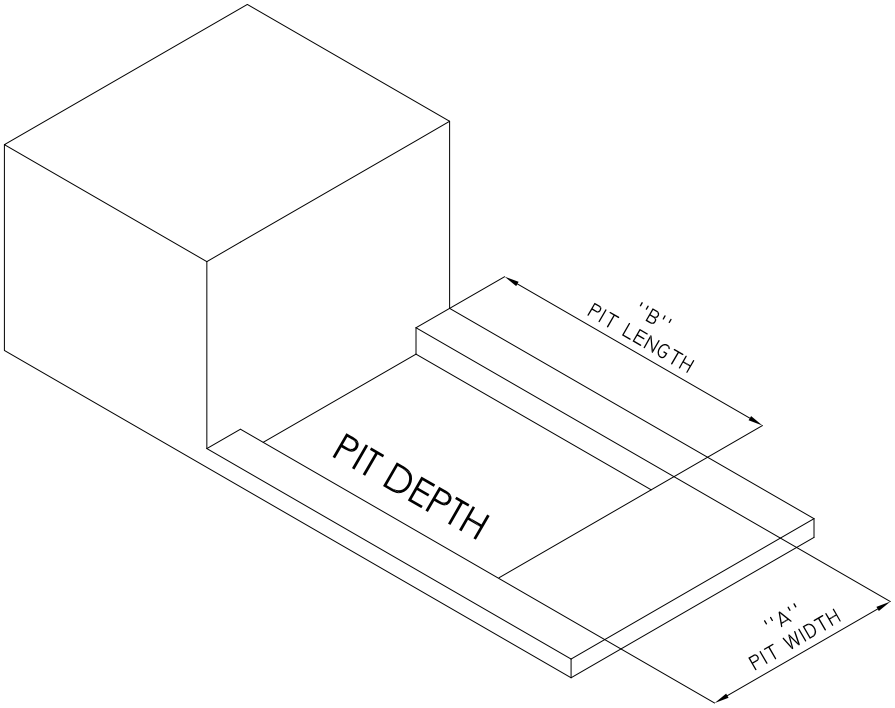
11c. PIT Information - Through / Adjacent Entry Steplift.



Lift Size	"A" PIT WIDTH	"B" PIT LENGTH	PIT DEPTH
THROUGH ENTRY 2m Steplift			
800W	1130 $^{+0}_{-4}$	1660 $^{+0}_{-2}$	50 $^{+0}_{-2}$
900W	1230 $^{+0}_{-4}$	1660 $^{+0}_{-2}$	50 $^{+0}_{-2}$
1100W	1430 $^{+0}_{-4}$	1660 $^{+0}_{-2}$	50 $^{+0}_{-2}$
ADJACENT ENTRY 2m Steplift			
900W	1230 $^{+0}_{-4}$	1770 $^{+0}_{-2}$	50 $^{+0}_{-2}$
1100W	1430 $^{+0}_{-4}$	1770 $^{+0}_{-2}$	50 $^{+0}_{-2}$

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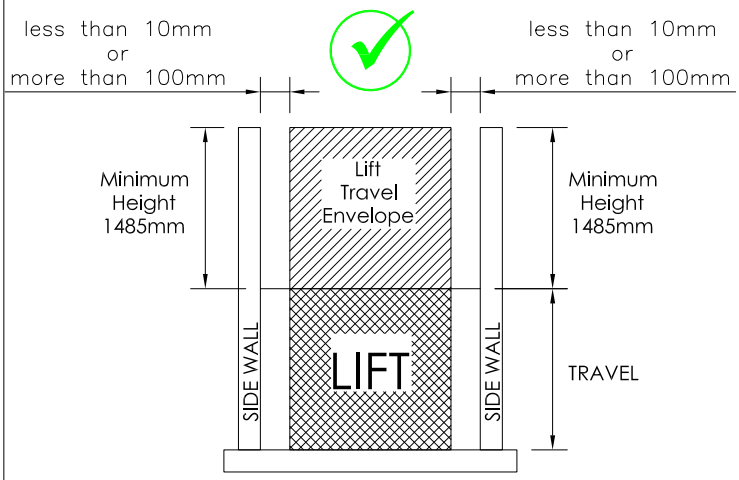
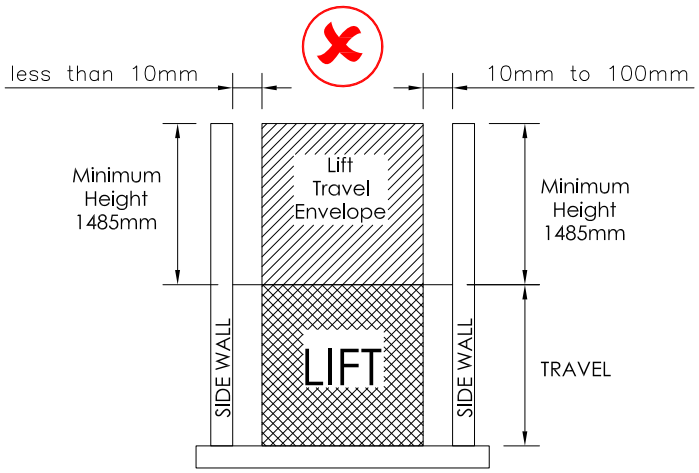
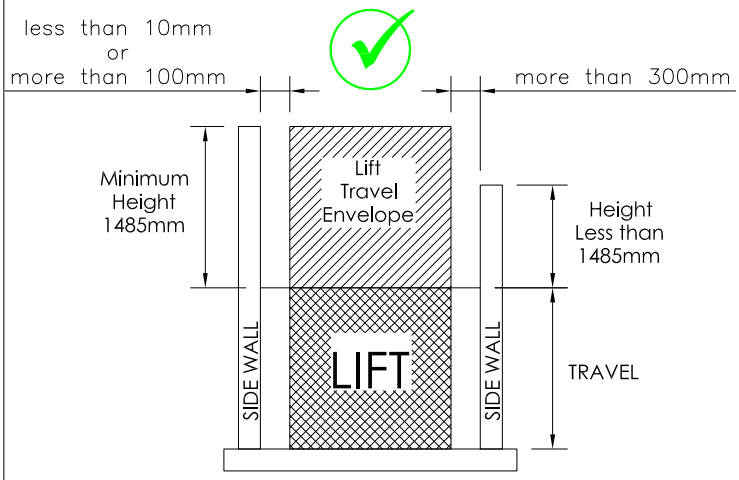
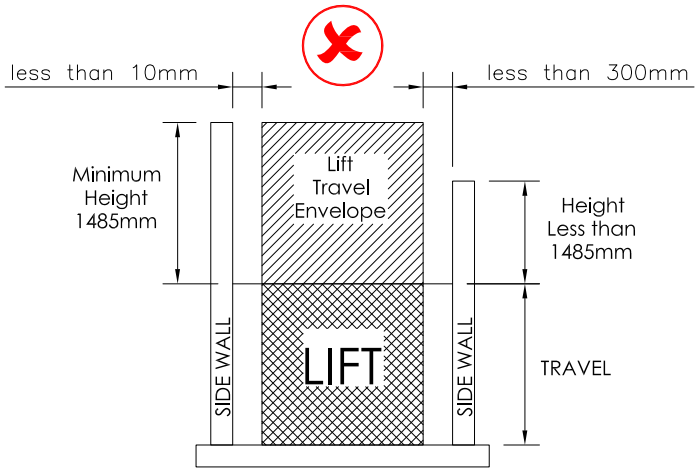
11d. Site Information - Adjacent Surface Distance BS6440:2011.

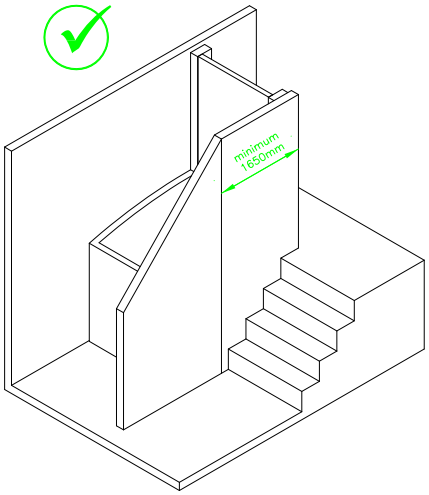


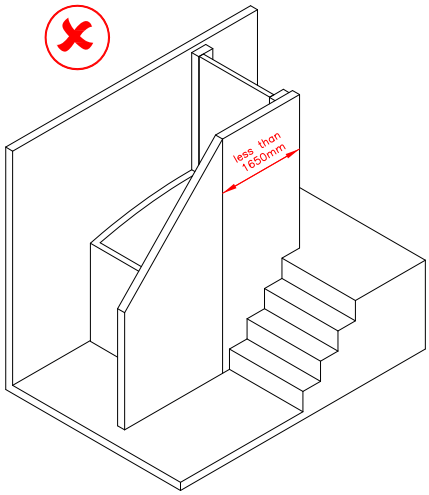






NOTE:
SKIRTING BOARDS WHEN USED BECOME PART OF THE MEASUREMENT USED FOR ADJACENT SURFACE DISTANCES. CONSIDERATION MUST BE GIVEN TO THIS. IF IN DOUBT DO NOT USE SKIRTING BOARDS IN LIFT AREA.





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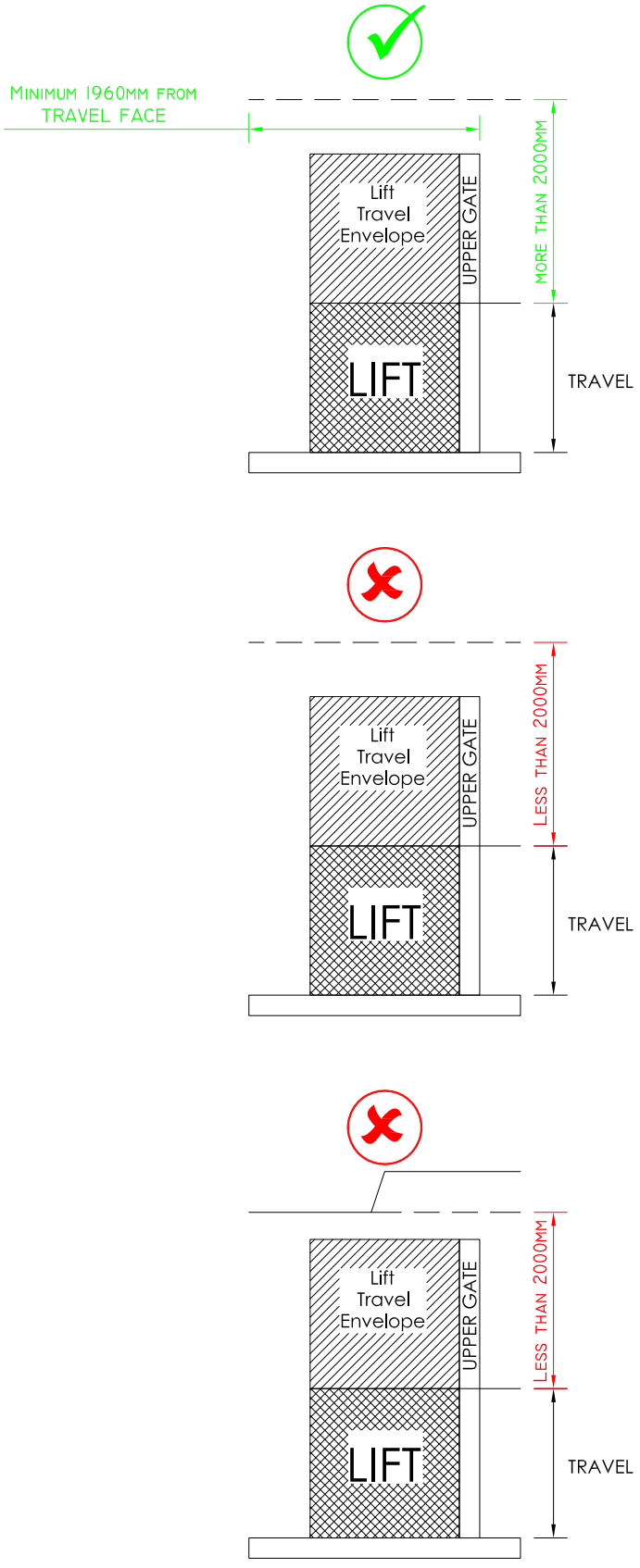
12e. Site Information - Headroom clearance.



Any bulkhead less than 1960mm away from vertical face need to be reported to POLLOCKLIFTS prior to install where futher assessment can take place.

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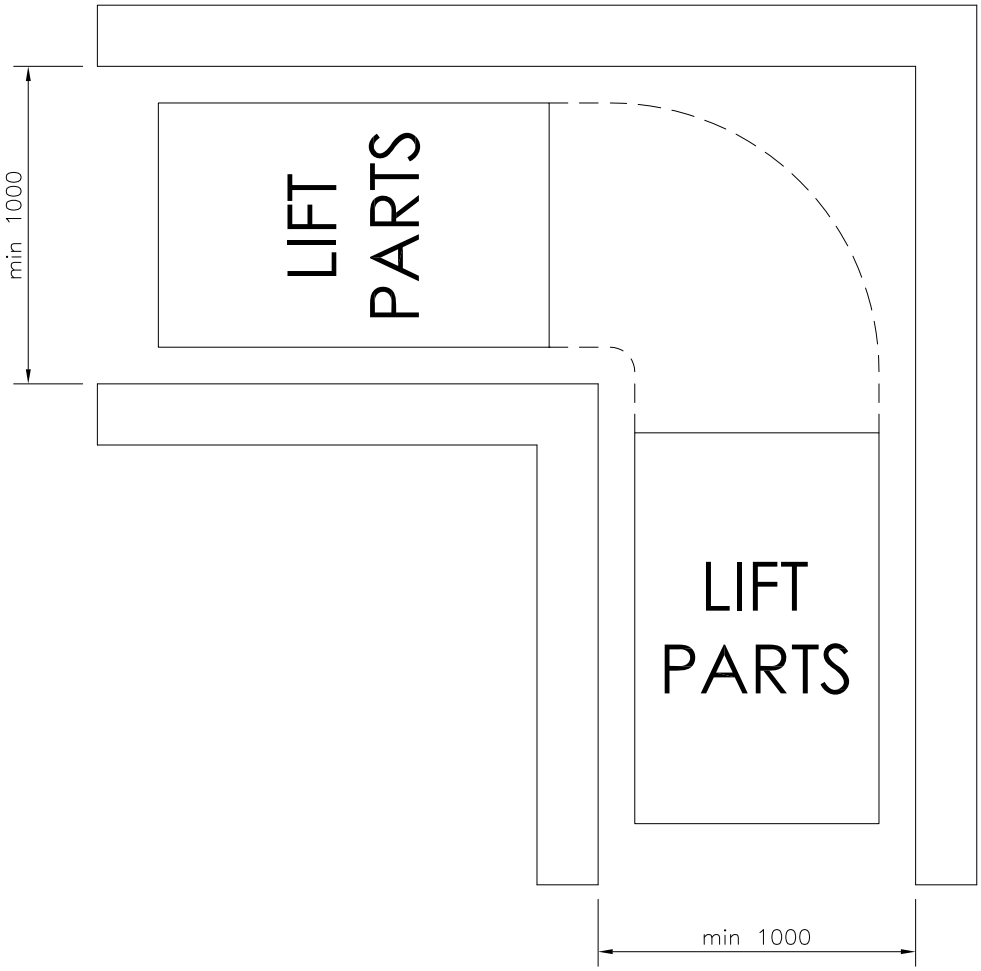
12f. Access to the installation site.



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13. Things to consider.

END-USER/CLIENT AND ENVIRONMENTAL CONSIDERATIONS

Lift Location and Suitability

- Is there sufficient room to allow a person in a wheelchair to access the lift at all levels?
- Are there any issues with headroom/bulkheads when the lift has fully travelled?
- Are there any restrictions that need to be considered ie doors opening into the lift area.
- Does the clients existing wheel chair fit into the lift? Are there plans to change it?
- Are door handings correct at both levels?
- Can the user easily use the controls?
- Will the room that the lift is located be restricted any way due to a lift being present?
- Is there room for furniture to fit in around the lift?

Power Pack Location (Pump in Box only)

- Is the location of the power pack suitable to all parties (pump box option)?
- Are there any restrictions if the power pack is fitted in for example a passageway?
- Is the positioning of the hydraulic hoses acceptable ? (if surface mounted, is customer satisfied with trunking to be used and where it will be run)

Structural Considerations

- Are the floors perfectly flat on both levels (upper and lower)? OR Has pit been formed correctly?
- Is the vertical face wall and lower floor able to take the lift loadings?
- Are any Building Notices required from for example Local Authorities
- Who is responsible for submitting the Building Notice to Building Control?

Electrical Considerations

- Is meter location easily accessible?
- Has client been made aware of possible trunking required to lift power point?

Installation Considerations

- Is there suitable off-loading access adjacent to the building / lift location
- Is there suitable access for transportation of the lift through the building to the lift area (please ensure you walk the road)
- Is there avalible parking for engineers vehicles close to site
- Is access area clear for lift installation?
- Is site clean?
- Is induction required?
- Are walls suitable to take appropriate fixings?
- Are call station positions clearly identified ?
- Is there a suitable power supply for use by installers for power tools?
- Are other contractors going to be on site which may affect the lift installation?
- Who is responsible for the preparation work?
- Will a handover and demonstration be able to take place on the day of installation?