

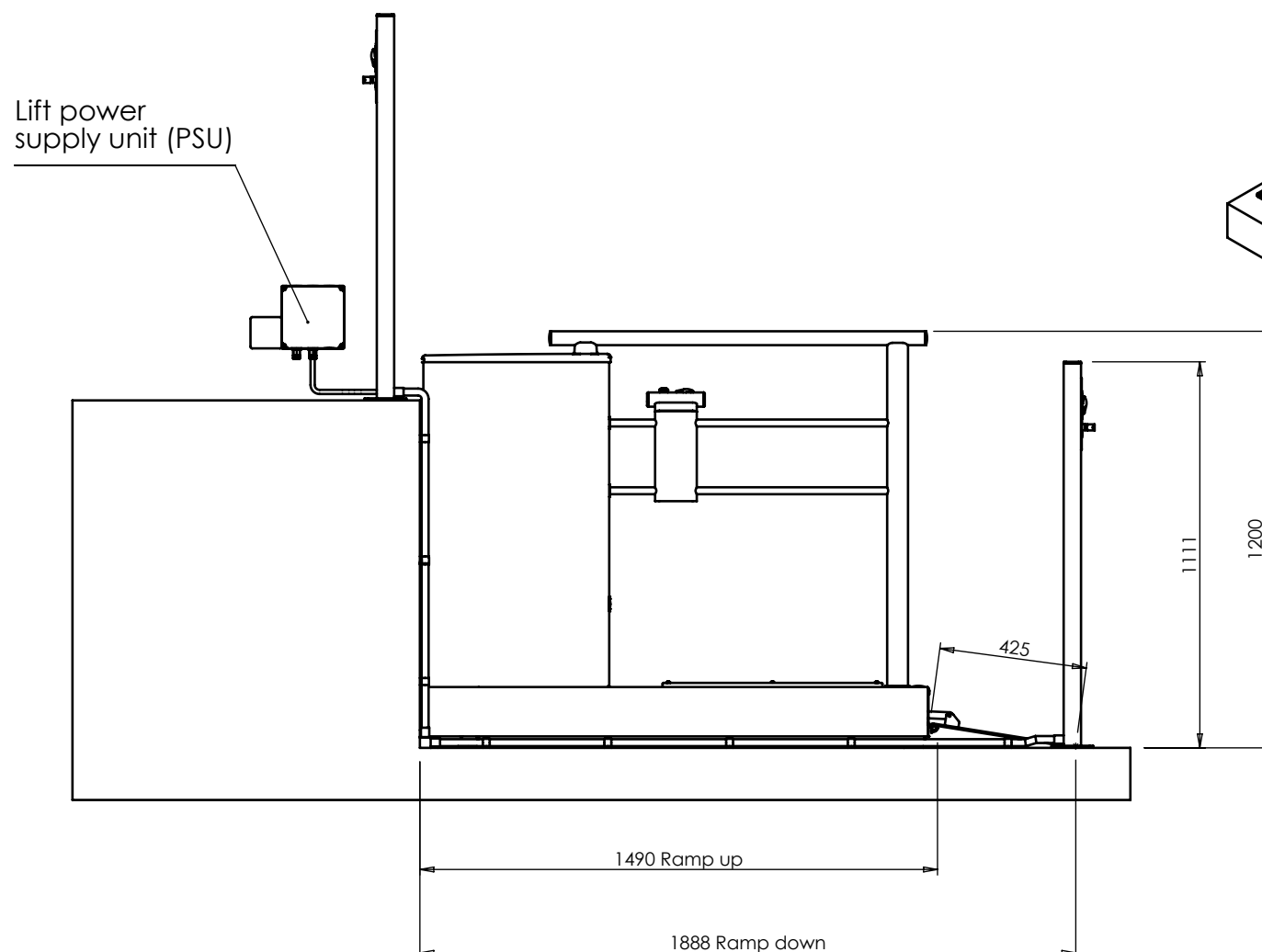
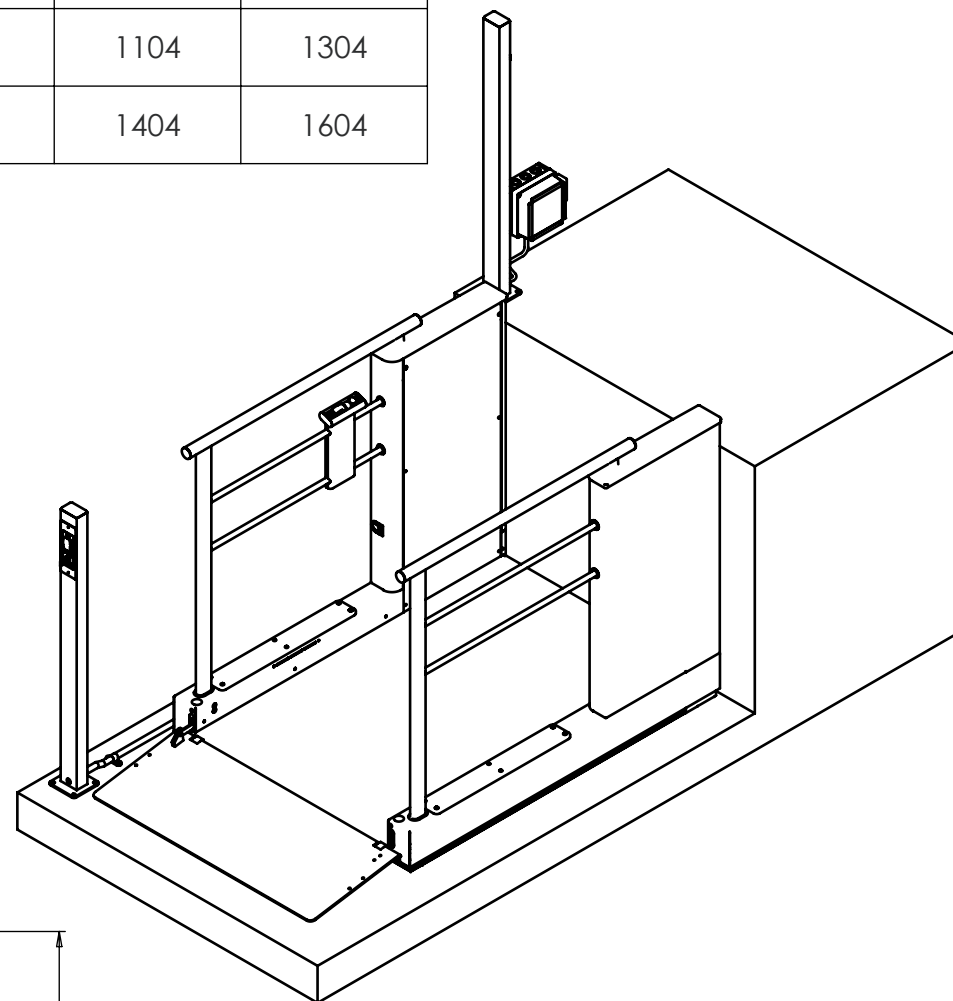
Technical Information

Safe working load = 300Kg
Maximum threshold height = 1000mm
Lift speed = 20mm/sec
Ramp gradient = 1:6
Power supply = 230Vac 50Hz single
phase & earth
Lift operating voltage = 24Vdc
Battery Powered raise and lowering
Manual emergency lowering
Hydraulic drive
Total lift unladen weight = 200Kg
Suitable for internal and external use

A turning circle of diameter 1500mm is recommended at the entrance and exit points of the lift.

A minimum of 2m is required above the first floor level.

	LR800	LR900	LR1100
Useable Platform Width	800	900	1100
Useable Platform Length	1450	1450	1450
Lift External Width Dimension	1004	1104	1304
Recommended Minimum Width to fit the Lift	1304	1404	1604



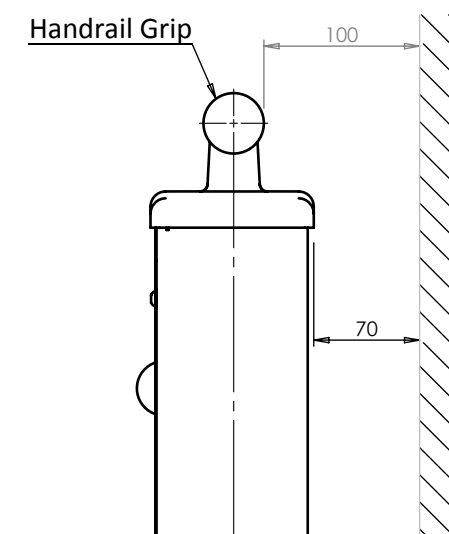
Notes - Lift Clearances

Please note that it is not recommended the LR is fitted any closer than 70mm to any continuous surface.

See Handrail Detail 'A' Below

Side panel (full infills) are available, these can overcome certain hazards.
e.g. Dwarf walls at the ground floor, which are below 1200mm high.

Each site presents different risks, these must be assessed and addressed accordingly.



Detail 'A'

ALTERATION		ECO	INITIALS	DATE	REV
Text Updated		1480	WP	28/08/2013	F
DATE: 15/10/2009	TITLE: LR Lift Specification No Gate	DWG NO:			
		LR00 7000			
	Sheet Size A3	Status: ECO Release			
		SHEET 1 of 5			



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Budds Lane, Romsey, Hampshire,
SO51 0HA**

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(PDM Issue 1 @ 29/11/2012)

All dimensions are in mm unless otherwise stated.

TOLERANCES unless otherwise stated:

Decimal Places:

$$X = \pm 1$$
$$X.X = \pm 0.25$$
$$X.XX = \pm 0.13$$

Thread ISO Coarse Class 6

Hole sizes = H11

d. DRAWN BY: WP

DATE: 15/10/2009

MATERIAL: Refer to details

FINISH: N/A

WEIGHT: 32208.93

SCALE: 1:50

Sheet Size A3

TITLE:

LR Lift Specification

No Gate

DWG NO:

LR00 7000

Status: ECO Release

SHEET 1 of 5

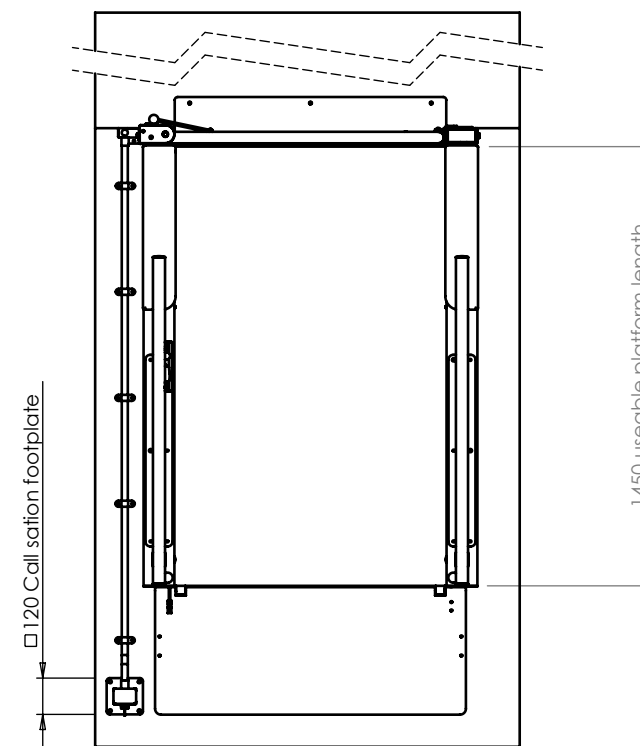
Safe working load = 300Kg
Maximum threshold height = 1000mm
Lift speed = 20mm/sec
Ramp gradient = 1:6
Power supply = 230Vac 50Hz single phase & earth
Lift operating voltage = 24Vdc
Battery Powered raise and lowering
Manual emergency lowering
Hydraulic drive
Total lift unladen weight = 200Kg
Suitable for internal and external use

A minimum of 2m is required above the first floor level.

	LR800	LR900	LR1100
Useable Platform Width Dimension 'Y'	800	900	1100
Useable Platform Length	1450	1450	1450
Lift External Width Dimension 'W'	1004	1104	1304
Recommended Minimum Width Dimension 'X'	1304	1404	1604
Gate Frame Width Dimension 'Z'	1015	1115	1315
Gate Open Dimension 'V'	844	944	1144

Must have minimum of 250mm threshold height when fitting a gate.

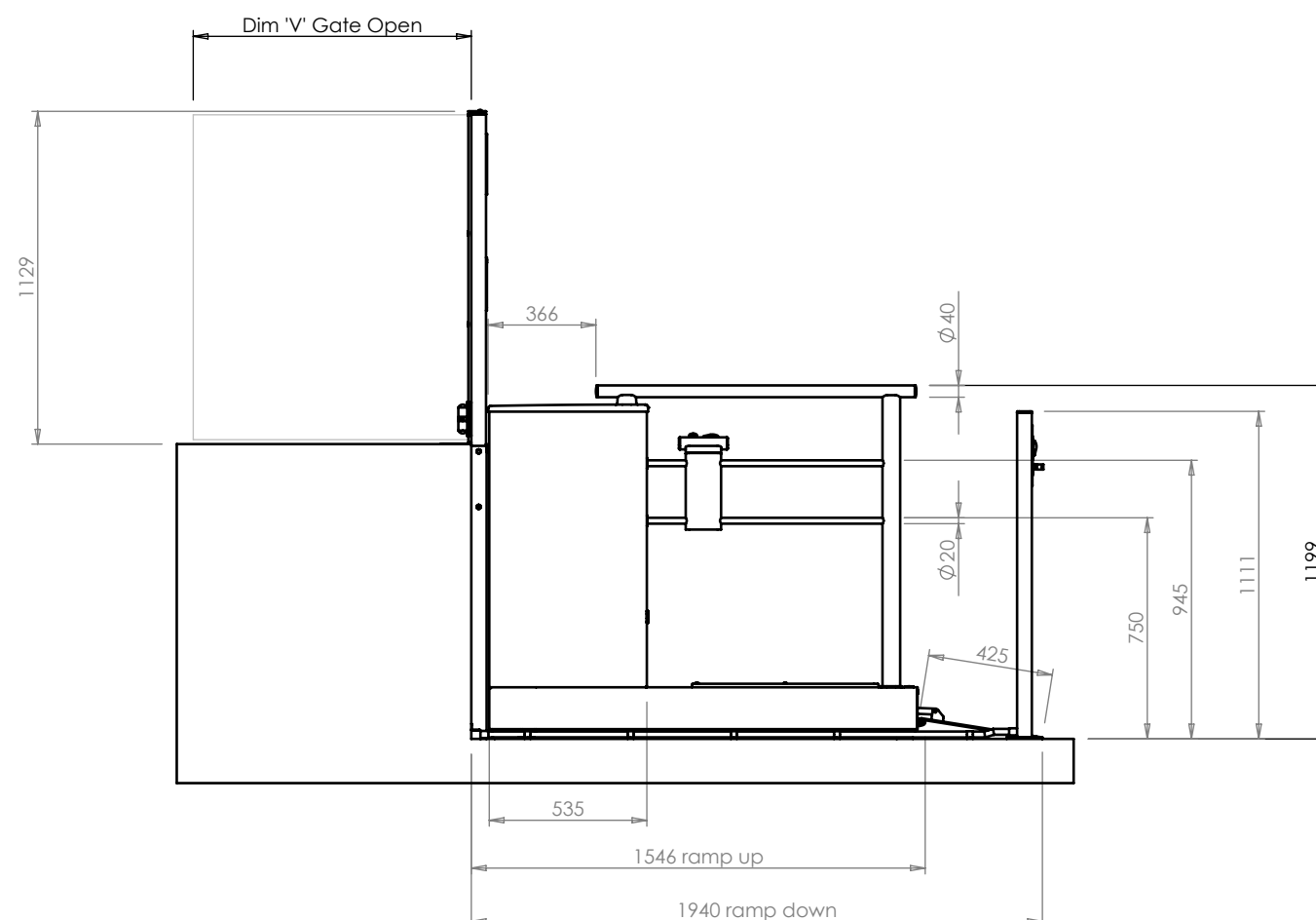
The gate post will house the upper level call controls.



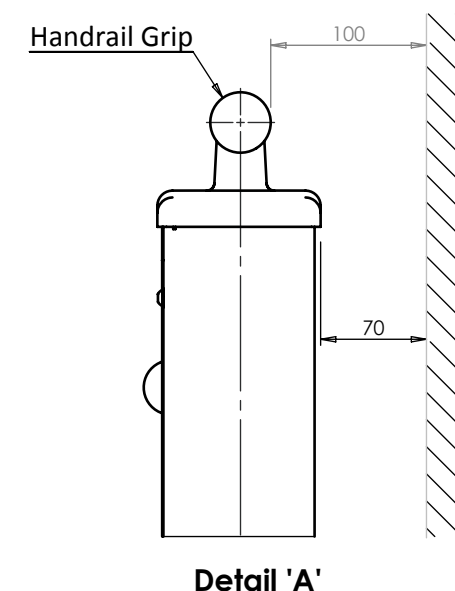
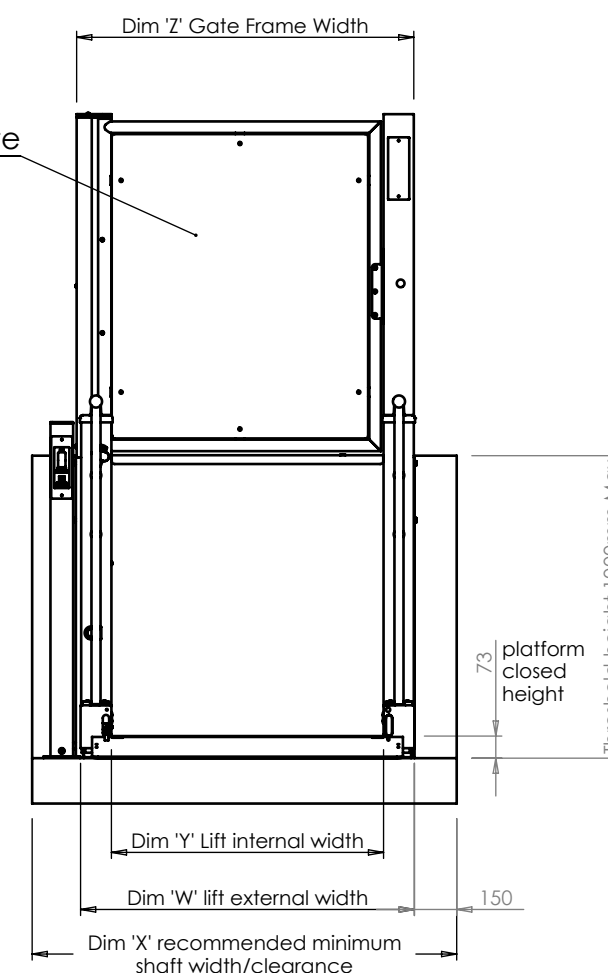
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Side panel (full infills) are available, these can overcome certain hazards.
e.g. Dwarf walls at the ground floor, which are below 1200mm high.

Each site presents different risks, these must be assessed and addressed accordingly.



Optional Extra
Upper level gate



ALTERATION	ECO	INITIALS	DATE	REV
Text Updated	1480	WP	28/08/2013	F

DWG NO:

LR Lift Specification with Threshold Gate

LR00 7000

Status: FCO Release

SHEET 2 of 5



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Decimal Places

$$X = \pm 1$$
$$X.X = \pm 0.25$$

X.XX = ± 0.13
ANGULAR: $\pm 0.5^\circ$

Thread ISO Coarse Class 6

Hole sizes = H11

d.	DRAWN BY: WP
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DATE: 22/03/2011

MATERIAL:	Material <not specified>
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FINISH: N/A

WEIGHT: 16239812.21

SCALE: 1:25

Sheet Size A3

TITLE:	
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LR Lift Specification with Threshold Gate

File Location "C:\PDM Working\



Third Angle
Projection

Remove All Sharp Edges
Do Not Scale
If In Doubt - Ask!

Upper call controls are usually fitted to the gate posts when a gate option is picked, unless otherwise stated.

The call stations may be fitted either side of the lift.

The lifts power supply unit may be fitted anywhere outside of the lifts footprint, within 12m. It must always remain easily accessible.

If fitting concealed conduit a minimum diameter of 40mm is recommended fitted with draw wires.

Power Supply to the Lift:

LR800 Standard duty requirement: 230Vac 50Hz SP&N 13A
Fused Spur. Fused at 5 Amps
May be wired either from adjacent ring main or with a 13A plug into ring main. (domestic installation specification).

LR900/LR1100 Heavy duty requirement: 230Vac 50Hz SP&N 13A
Fused Spur. Fused at 10 Amps
May be wired either from adjacent ring main or with a 13A plug into ring main. (domestic installation specification).

For public access it is recommended a lockable isolator is used.
Must comply with the latest IEE regulations.

Lift power supply unit (PSU).
LR800 Standard duty size = 130x130x100 deep
LR900/1100 Heavy Duty size = 180x180x125 deep

Lift cable entry point.
Refer to Fig 1 for dimesions

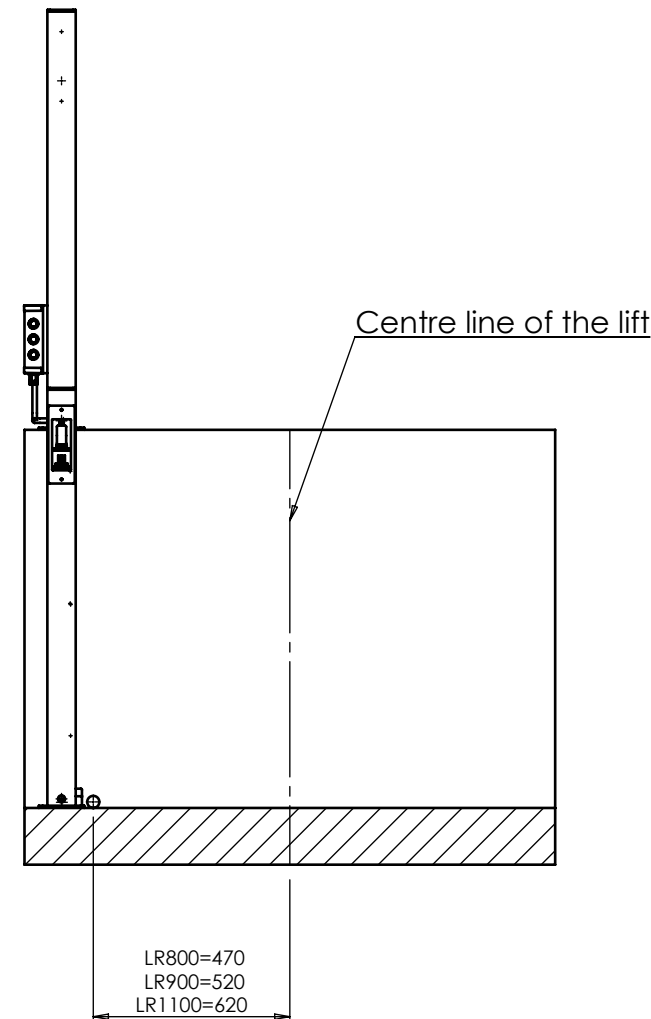


Fig 1
Front view of lift threshold face.

All the lift cables enter the lift at the LH corner hard against the threshold wall.

The cable from the PSU is a 12mm OD armoured cable.

The cables from the call stations are 7 core dia 7.5mm. (one upper and one lower call station).

Note if a gate is fitted, the upper call station will be integral with the gate post, and no conduit to the upper call station is required.



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X = ±1

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X.XX = ±0.13

ANGULAR: ±0.5°

Thread ISO Coarse Class 6

Hole sizes = H11

DRAWN BY: WP

DATE: 15/10/2009

MATERIAL: Material <not specified>

FINISH: N/A

WEIGHT: 15951906.35

SCALE: 1:20

Sheet Size A3

TITLE:

LR Lift Specification
Wiring Details

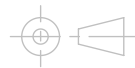
ALTERATION	ECO	INITIALS	DATE	REV
Sheets 1 & 2 Ammended	1480	WP	28/08/2013	F

DWG NO:

LR00 7000

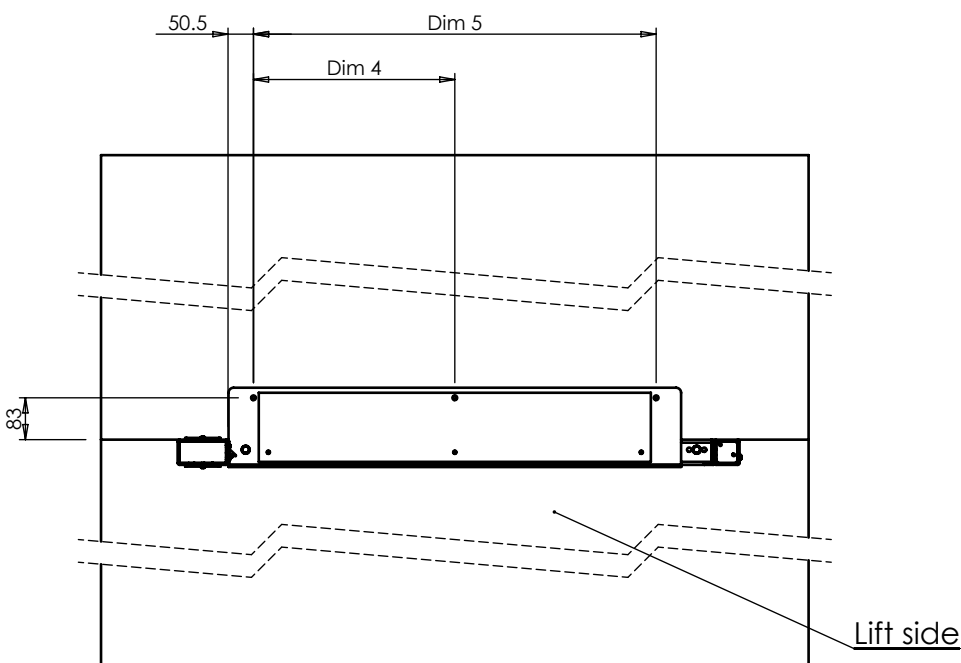
Status: ECO Release

SHEET 3 of 5



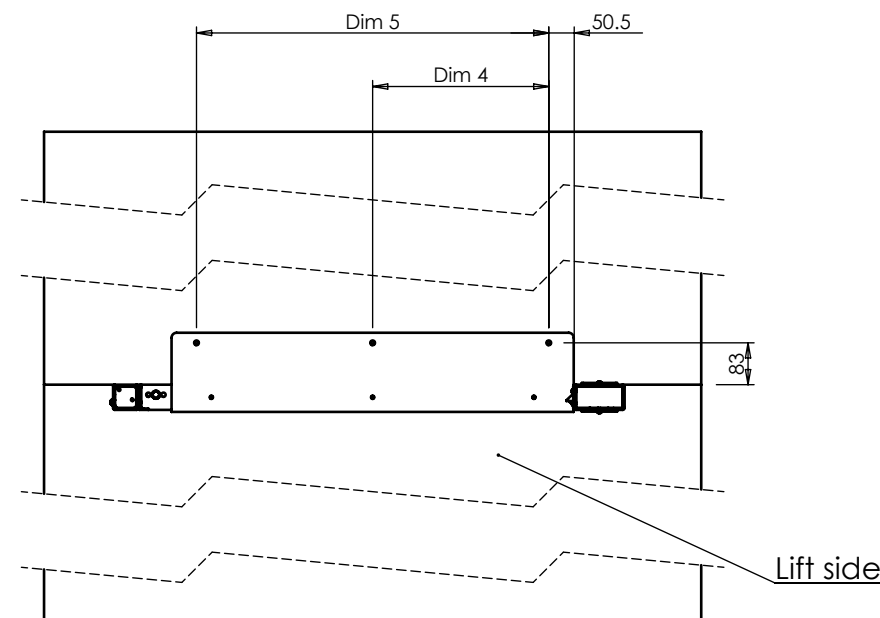
Third Angle
Projection

Remove All Sharp Edges
Do Not Scale
If In Doubt - Ask!

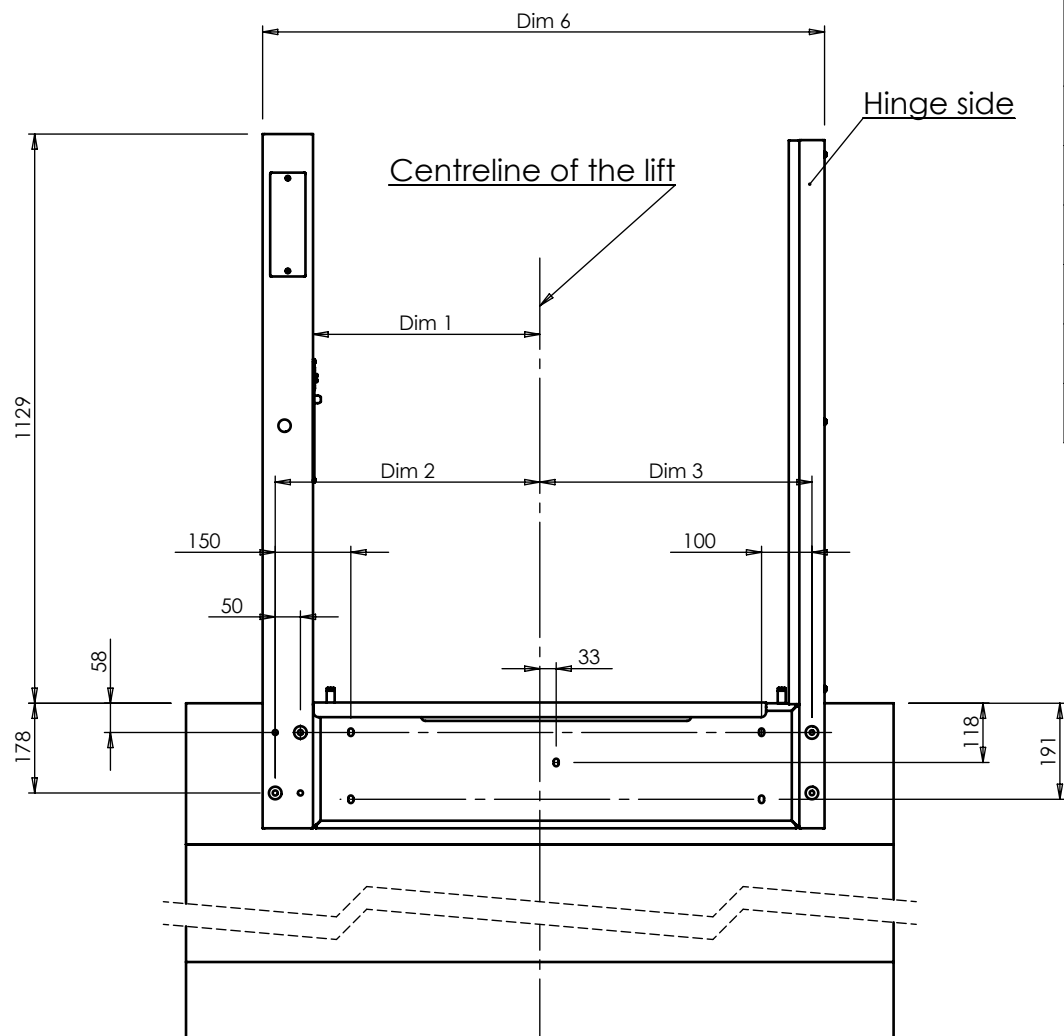


LH Threshold Gate Fixing Centres

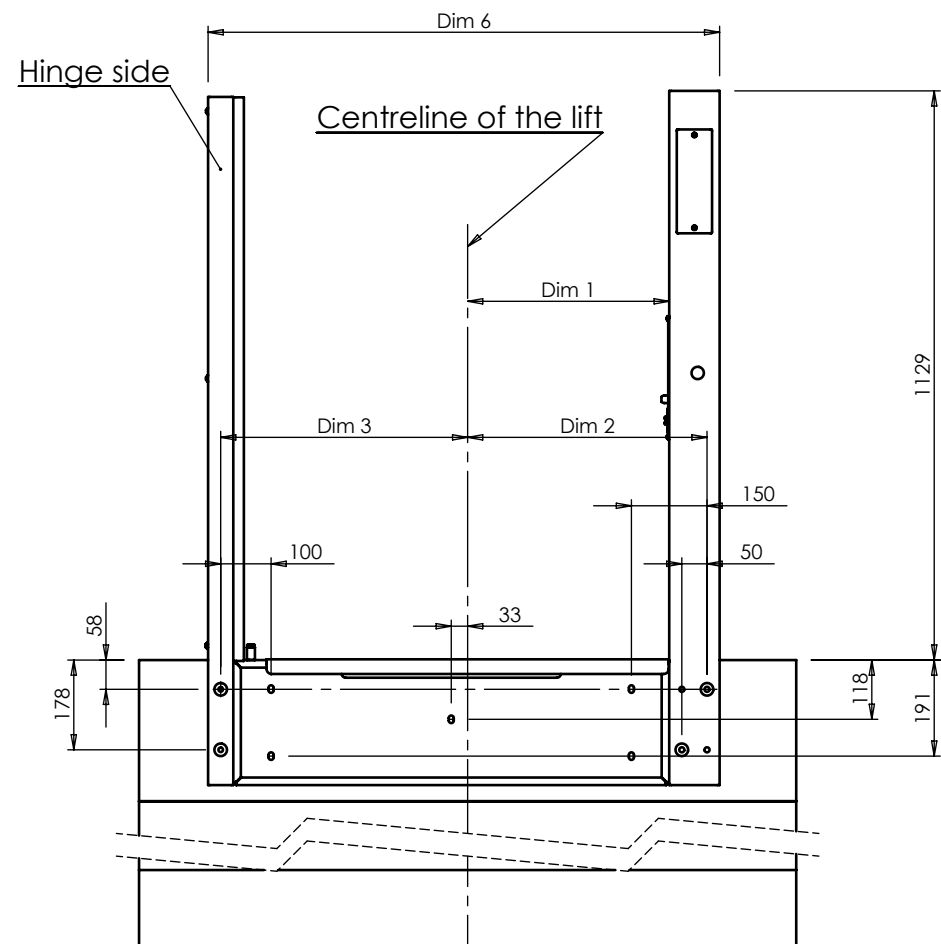
Please note the threshold gate is handed, by looking at the hinge side of the gate frame from the upper level.



RH Threshold Gate Fixing Centres



	LR800	LR900	LR1100
Dim 1	400	450	550
Dim 2	475	525	625
Dim 3	490	540	640
Dim 4	349.5	399.5	499.5
Dim 5	699	799	999
Dim 6	1015	1115	1315



ALTERATION	ECO	INITIALS	DATE	REV
Sheets 1&2 Ammended	1480	WP	28/08/2013	F
DWG NO: LR00 7000				
Status: ECO Release SHEET 4 of 5				



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X = ±1

X.X = ±0.25

X.XX = ±0.13

ANGULAR: ±0.5°

Thread ISO Coarse Class 6

Hole sizes = H11

DRAWN BY: WP

MATERIAL: N/A

FINISH: N/A

WEIGHT: 2060.53

SCALE: 1:50

DATE: 02/04/2007

Sheet Size A3

TITLE:

LR Lift Specification
Gate Frame Fixings

