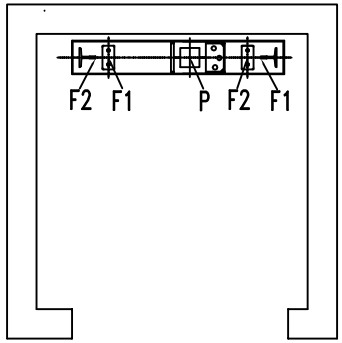
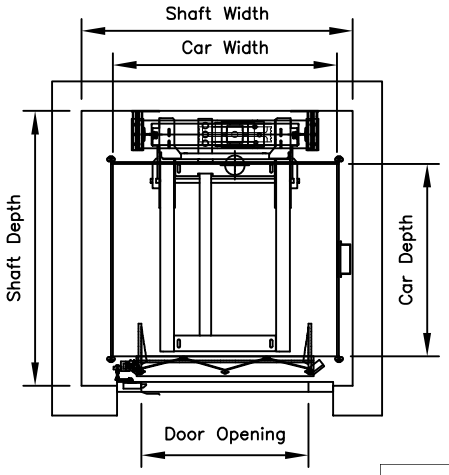
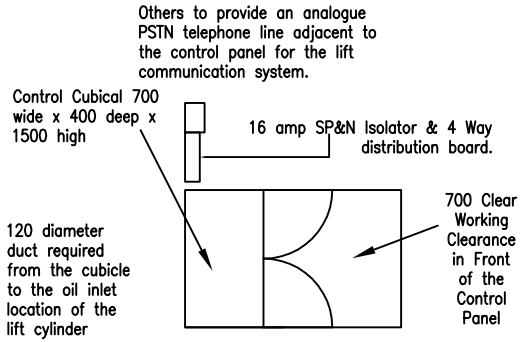


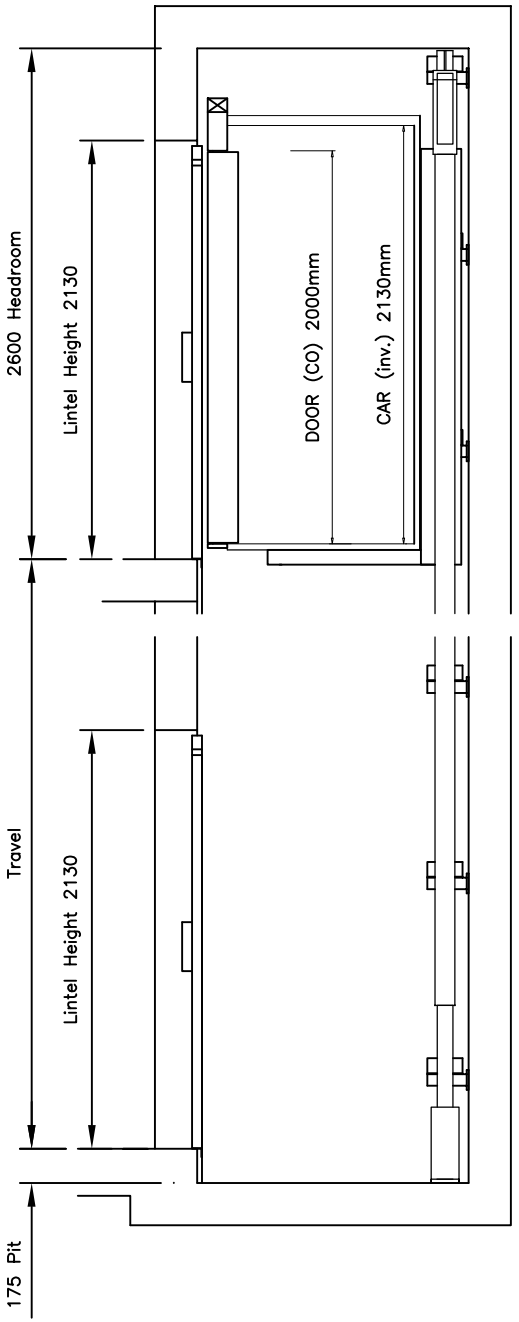
LOADS TABLE					
RATED LOAD	395	daN	F1 =	1500	daN
FRAME WEIGHT	120	daN	F2 =	1850	daN
CAR WEIGHT	320	daN	P =	4200	daN
OPERATOR WEIGHT	70	daN	T =	925	daN
ROPE WEIGHT	20	daN	Sy / Sx / Sy		
SUSPENDED LOAD	925	daN	Sx=	125	daN
			Sy=	534	daN





Pump/Contol Panel Details Location TBA

Cars with Bus Type Doors, Swing Hinge Landing Doors, Single Car Entrance, Ram to the rear							
Accessibility	Capacity	Persons	Car Depth	Car Width	Shaft Depth	Shaft Width	Door Opening
	250kg	3	750	1000	930	1420	650
			800		980		700
			850		1030		750
	300kg	4	800	1000	980	1420	700
				1200		1620	
				1250		1670	700
				1300		1720	
	350kg	4	900	1200	1080	1650	800
				1400		1850	
♿	400kg	5	1000	1200	1180	1650	900
			1100	1300	1280	1750	
				1400		1850	
	450kg	5	1000	1200	1180	1650	
			1100	1300	1280	1750	
				1400		1850	



Rated Load	See Table
Rated Speed	0.15 m/s
Travel	upto 9.0m
Headroom	2500
Pit	150
Supply	230v, SP&N with 20amp MCB Type D
Running Current	16 amps
Starting Current	28 amps
Starts/Hour	20

Builders Works Notes

1. Form lift shaft to dimensions shown Shaft walls to withstand the reactions as shown
2. Form the pit as shown to withstand the forces as shown.
3. Leave the front wall down floor to ceiling at the bottom floor.
4. Do not build nib walls until the lift entrances have been installed.
5. Provide a smoke vent at the top of the shaft to outside atmosphere.
6. Provide a SP&N supply terminated in a lockable isolator protected by a 20 amp Motor Rated MCB. To be located adjacent to our control panel.
7. Provide a 2–off fused spurs adjacent the the isolator.
8. Provide space for our control/power pack cubicle which is 700 wide x 400 deep x 1500 high. To be located within 5metres from the bottom of our hydraulic cylinder. Location to be agreed.
9 Provide a 120 diameter duct from the control panel position to the lift shaft on the cylinder side.
10. Install shaft scaffolding.
11. Fit lintels at each floor as shown.
12. Make good to our door frames following installation.
13. Provide assistance in offloading and distribution of our materials.
14. Provide a BT dedicated analogue line for the lift car communication system.

Issued For Information Only

BY	DATE	ISSUE	MODIFICATION	CHECKED

Niche Passenger Lift Front Opening with Ram to the Rear in a Masonry Shaft with Reduced Headroom & Pit General Layout and Builders Works

NICHE LIFTS Ltd

Do not scale this drawing. All dimensions in millimetres

DRAWN BY	DATE	CHECKED	SCALE
TMP	5.7.13		NTS

DRAWING NUMBER 1640/A

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