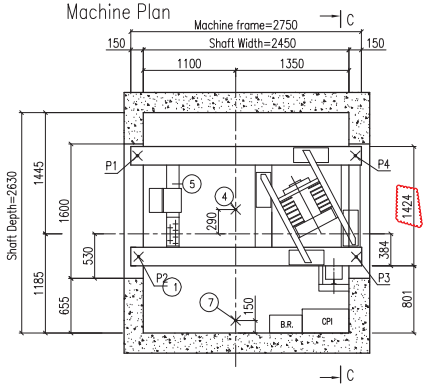
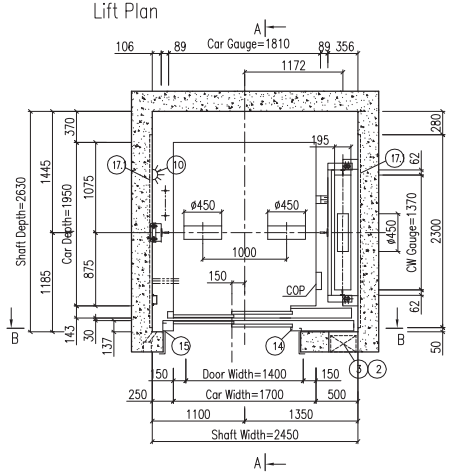
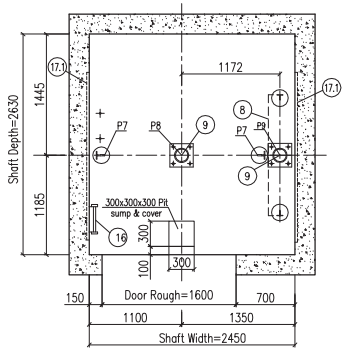
Machine Plan



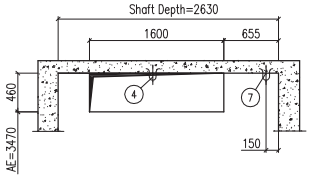
Lift Plan



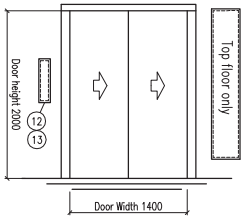
Pit Plan



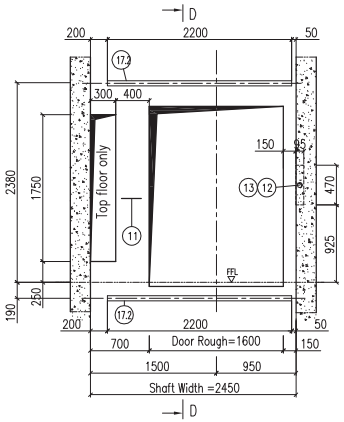
Section C–C



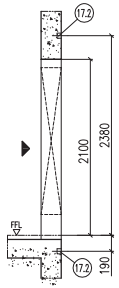
Door View



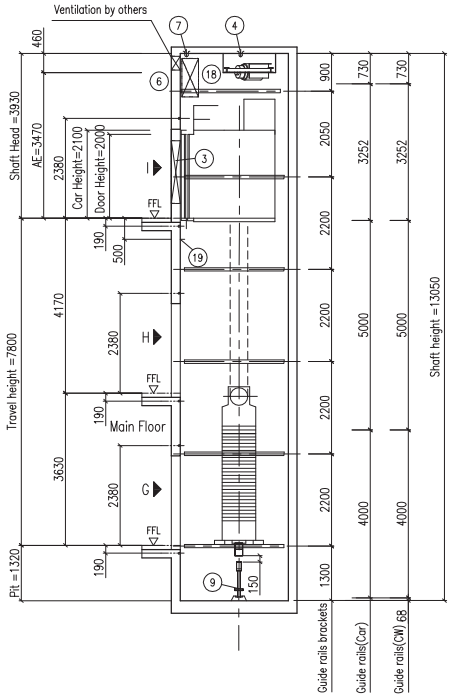
Section B–B



Section D–D



Section A–A



GUIDANCE NOTES / ITEMS (GNJ)

B = to be performed or delivered by the builder
T = to be performed or delivered by Thyssen

HOISTWAY

1. Heating, ventilation and/or airconditioning of the shaft to maintain a temperature between + 5°C and + 40°C During lift operation the heat – output is approx 7463 kJ/h per lift The hoistway shall not contain cables, devices, etc. other than for the lift	B
2. 3 Phase Power from main switch board to Thyssen nominated location. 1 set of mains for each lift.	B
3. Service box	T
4. Hoisting beams/eye for P max. 20 kN individual load. Supply by Thyssen, Installation by Builder.	T B
5. Machine frame	T
6.Thickness of hoistway ceiling according to static calculation	B
7.Hoisting eye for P max. 10 kN below shaft ceiling. Supply by Thyssen, Installation by Builder.	T B
8.Counterweight screen	T
9.Buffer unit	T
10.Lighting for shaft	T
11.Meter mark at each floor to enable the fitter to set the doorsills in relation to the finished floor	B
12.Cut-outs for push button box	B
13.Cut-outs for hall lanterns	B
14.Architraves	T
15.Bringing floor and wall finishes up to fixed door frames	B
16.Ladder to pit	T
17.Concrete insets with lugs 17.1 12 pieces 2300mm Long (brackets) 17.2 6 pieces 2200mm Long (doors)	
Supply	T
Embedding and cleaning	B
18. CPI box	T
19.Main entry into shaft 50mm core hole or 32mm conduit	B
20.Penetration for motor raft is sealed and fire rated	B

Shaft walls to be vertical
Door opening to be square as well as vertical one above the other. Deviation from the vertical 0/+ 25 mm
All dimensions are finished dimensions
Rough dimensions are marked
All dimensions in mm
Ligthning protection has to be carried out by others according to local codes

Throughhole Blindhole

LOADS ON THE CAR GUIDE RAIL

Fx=1.8 kN
Fy=2.2 kN

LOADS IN THE SHAFT HEAD
(incl. 20% dynamic loads)
P1= 16kN P2=35kN
P3= 60kN P4=20kN

LOADS ON THE PIT FLOOR
P7 =41 kN
P8 =157 kN
P9 =124 kN
impact per guide rail
impact for each buffer when compressed
impact per guide rail
P7–P9 never coincide

Power supply:
Motor rated power is 10.2KW
Starting current is 52.6A,rated current is 26.3A
415V ... 50 cycles
Light power supply:
... 240V ... 50 cycles

Please sign your name and with company stamp for GAD confirmation.

APPROVED
By Alfred Tjen at 10:16 am, Feb 22, 2013

DOOR TYPE	K8/S8
TOP CAR RAIL	1100mm high telescopic Rail
ROPE QUANTITY/SIZE	6 x d.10
MAX. DECORATION WEIGHT	200 Kg
GUIDE SHOES/SIZE	Slipper
SAFETY GEAR TYPE	AQ11
CONTROL PANEL	MC–2
DRIVING TYPE	CPIK–M
MACHINE TYPE	TKER6

03		
02		
01	Changed Machine type(prevous DAF270)	Kris 21.2.2013

Project: Storage King Lane Cove Lift 3

Type: TE–Evolution 1600.100

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ThyssenKrupp Elevator

Passenger Lift
Capacity 1600kg
Speed 1.00m/s

	Date	Name
Drawn	11.12.2012	Kris
Checked		

Drawing No.: 21309601–G01–01

Order No.: