					Component	Definition	Specification	Place	Note
	Definition	Specification	Place	Note	KAQ	Advance door open relay.		Control panel	
omponent	Safety insulation		Control panel		KAS	Safety circuit relay		Control panel	
API	Brake unit		Control panel	Use above 15 KW		Brake contactor		Control panel	
BKU	Eddy current brake		Cartop		KMB	Main contactor		Control panel	
BIT	Capacitor in brake circuit		Control panel		KMC	Invertor contactor		Control panel	
C1	Car top light	-	Carton		KMY	Contactor for excitated brake circuit		Control panel	
ELI	Pit light		Pit		KMZ	Tractor motor		Machine room	
EL2			Car		M	Door motor		Carton	
EL3	Car light		Car		WDO			Carton .	QKS9 motor use
EL4	Car light		Machine room		MGH	Brake of door machine		Machine room	
Fi	Power switch (220V)		Machine room		PG	Encoder		Control panel	Yaskawa inverte
FM1	Fuse		2.2		PG-B2	Encode feedback card		Machine room	- 11/1
FR1-FR3	Fuse		Machine room	24V	PHO-M	Intercom(main)		Car	
FU1	Fuse		Control panel	110V	PHO-S	Intercom(extend)	-	Machine room	
FU2	Fuse		Control panel	220V	QF	Main power switch(380V)			
FU3	Fuse		Control panel		RB	Brake resistor		Control panel	
FU4	Fuse		Control panel	36V	RCL	Door close resistor		Car top	
HAA	Alarm bell		Shaft		RMD	Door motor resistor		Cartop	
	Buzzer		Car		ROP	Door open resistor		Cartop	
HAB	Amival gong(down)		Car bottom		RZI	Brake resistor I	1	Control panel	
HAD	Arrival gong(up)		Cartop		RZ2	Brake resistor 2	1	Control panel	
HAU	Car call light		Car		SAD2	Switch in door machine circuit 2		Control panel	
HC1-HCN	Door close light		Car		SAD2	Switch in door machine circuit 3		Control panel	
HCL	Hall call light(down)		Call box			Alarm button		Shaft	
HD1-HDN	Fan		Car		SBB			Car	
HFN	Overload light		Car		SBC1-SBCN	Down button in car		Car	
HOL	Door open light		Car		SBCD	Door close button		Car	
HOP	Hall call light(up)		Call box		SBCL	Up button in car		Car	
HU1-HUN	Switch of door machine brai	ice .	Cartop	QKS9 door motor use	SBCU			Call box	
JRET		100	Control panel		SBD1-SBDN	Door open button		Car	2
KAC	Door close relay	-	Control panel		SBOP	Down button in control panel		Control panel	
KAD	Door lock relay	_	Control panel		SBPD	By-pass button		Car	
KAE	Light control relay	n	Control panel	For group control	SBPS	Up button in control panel		Control panel	
KAGC	Power supply switch for ca	au	Control panel		SBPU	Down button on car top		· Car top	100
KAO	Door open relay	-	Control panel		SBTD	Down button on car top			1
KAP	Phase relay	1					91		100

ST212E1301 SHEET 11 24

File ID

DRG. Version 1.0/0 DN7010/20-DT 1.0 Ver. Component List 1 SHEETS Scale

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Standard

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Note Place Definition Specification Note Component Place Specification Definition Commonent Car bottom SSFU Full load switch Carton Up button on cartop SBTU Machine room Governor switch SSLS Call box Hall call button(up) SBU1-SBUN Slow down switch of door open Carton SSO Car Car light switch SHC Car bottom SSOL Overload switch Pit Pit light SHL Pit Slack rope protection gear SSRG Cartop Car top light SHT Shaft Slow-down switch(up) SSU Cartop Limit switch of door close SLC Shaft Slow-down switch(up1) SSU1 Shaft Final limit switch(down) SLDL Car Stop switch (in car) STC Shaft Limit switch (down) SLDT Pit Pit switch STL Carton Limit switch of door open SLO Control panel Stop switch(in control panel) STP Shaft Final limit switch(up) SLUL Carton Stop switch(on car topl) STT Shaft Limit switch (up) SLUT Control panel Switch in lighting circuit SW Control panel Main control board SM-01-C Car Auto/attendant switch SWD Car Car control board SM-02-B Hall of main floor - Fire fighting switch SWFI Car Car call board SM-03-B Car Fan switch SWN Call box&Car Hall call control board SM-04 Car Independent switch SWV Car Gate lock switch SMC Control panel Transformer TCO Shaft I-N door lock switch SMH1-SMHN Control panel Switching power TPB Carton Down leveling switch SOD Control panel 36VTransformer TSF Car Safety edge switch SQE Control panel Inverter UFC Carton Door zone switch SQM Inverter of door motor Car top UFD Carton SQU Up leveling switch Control panel 24V Rectifier URI Car Auto/inspection switch (in car) SRCI Control panel 110V Rectifier UR2 Hall of main floor Out of service key switch SRK Control panel Diode UR3 Control panel SRP Auto/inspection switch(control panel) Control panel Voltage meter V Carton Auto/inspection switch (on car top) SRT Car top 220V power socket Car top XS1 Cartop Safety switch SSAN Bottom 220V power socket Pit XS2 Car tou Emergency exit switch SSAW Carton Car top 36V power socket XS3 Pit Counter weight buffer switch SSBB Pit Bottom 36V power socket XS4 Carton Slow down switch of door close SSC Machine room Brake coil YBK Pit Car buffer switch SSCB Cartop Door motor excitation coil YDO Shaft Slow-down switch (down) SSD Shaft Slow-down switch(down1) SSDI Car bottom SSFU Full load switch

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Standard : A

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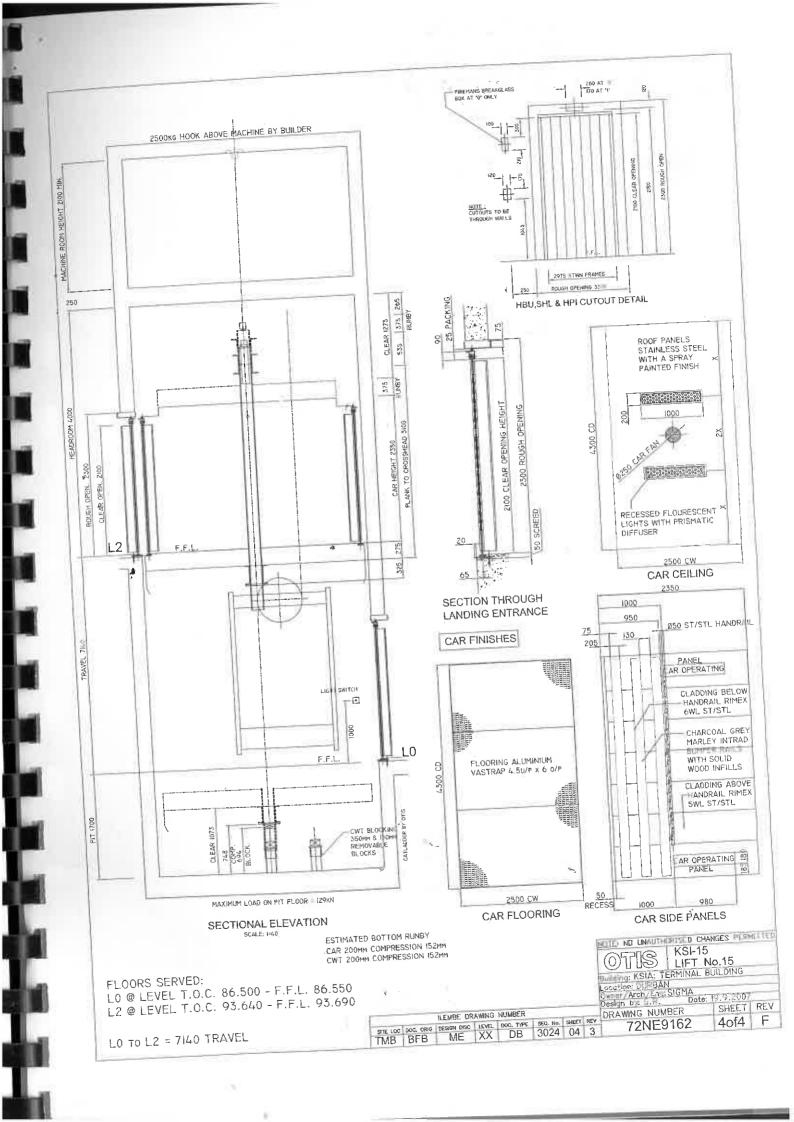
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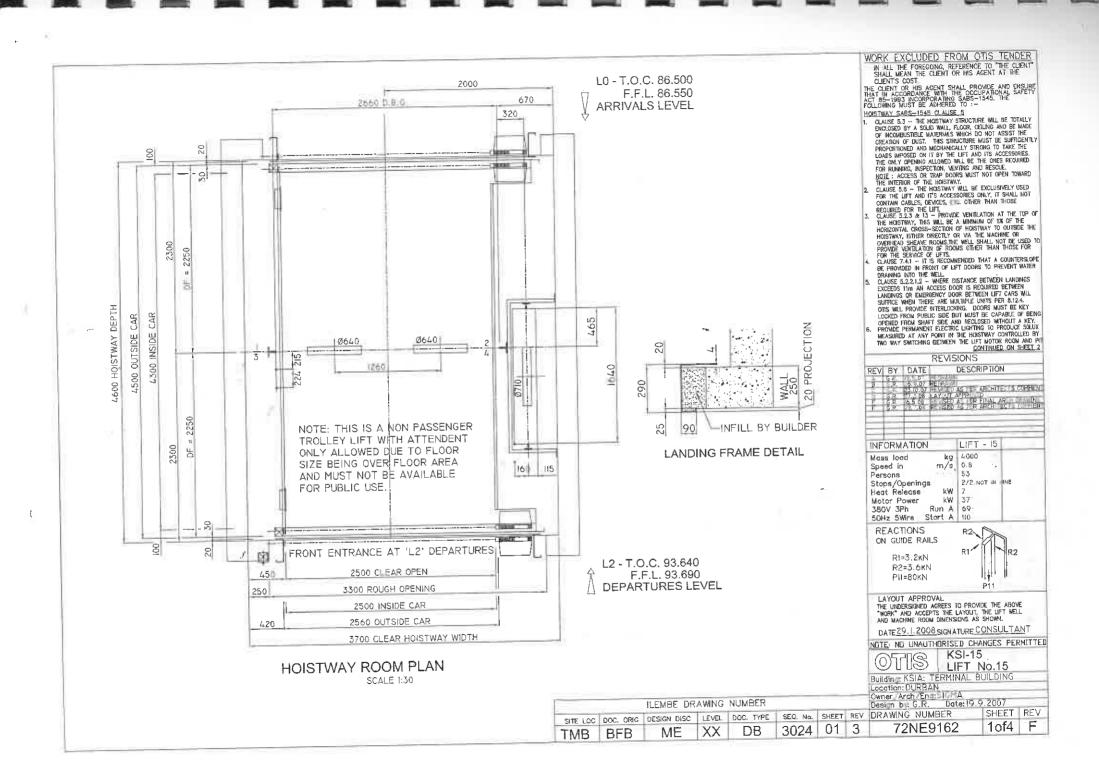
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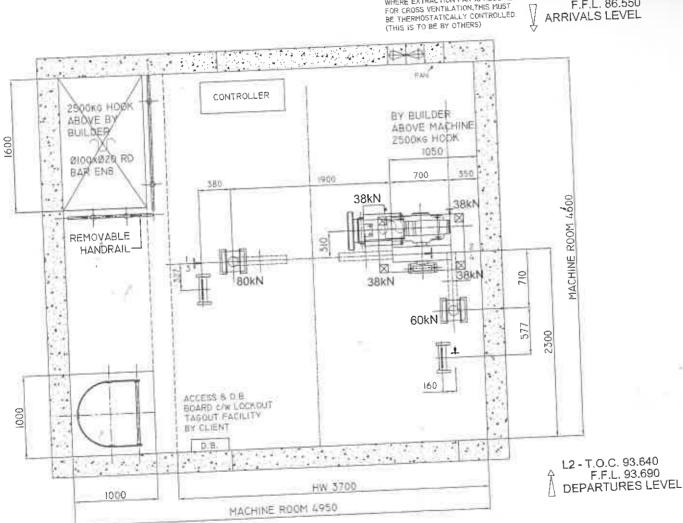
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Collete Chenkin con -1.

Huzhita







MACHINE ROOM PLAN

SCALE 1:30

NOTE: FOR MACHINE ROOM

AMBIENT TEMP. +5°C TO 40°C

WHERE EXTRACTION FAN IS REQUIRED

LO - T.O.C. 86.500 F.F.L. 86.550 ARRIVALS LEVEL

ILEMBE DRAWING NUMBER

DESIGN DISC LEVEL DOC. TYPE

ME

DB

SITE LOC DOC. ORIG

TMB

BFB

SEQ. No.

WORK EXCLUDED FROM OTIS TENDER MACHINE AND OVERHEAD SHEAVE ROOMS - SABS-1545 SECTION 6 ACHINE AND OVERHEAD SHEAVE ROUMS. SAMS-1948 SACIUM, E ROUMS MUST COMPRISE SOLID WALLS, CELLING, ACCESS DOOR AND/OR TRAP DOOR TO BE ACCESSIBLE TO AUTHORISED PERSONS ONLY, WALLS WILL BE SUITABLY SOUND ISOLATED WHERE REQUIRED AND BE SIZED TO ALLOW EASY, SAFE ACCESS TO ALL COMPRINT, IN/A TO MACHINE ROOMLESS] THE FLOOR SLABS WILL BE OF MECHANICAL STRENGTH TO THE FLOOR SLABS WILL BE OF MECHANICAL STRENGTH TO WITHSTAND LOADS IMPOSED ON THEM. MOTOR ROOM FLOOR RUST BE FINISHED SMOOTH AND LEVEL WITH A NON-SKID SURFACE BEFORE THE EQUIPMENT IS PLACED. NO TRUNKING

IS ALLOWED IN THE FLOOR. MUST NOT BE USED FOR ANY PURPOSE OTHER THAN LIFTS.

19. MUST NOT BE USED FOR ANY PURPOSE UTILIES THAN UTILIES.

10. ACCESS MUST BE WELL UT [MIN.SO LIX] PUBLIC WAY AND INCOMPLETELY SAFE WADER ALL CIRCUMSTANCES. MIN. ACCESSION HEIGHT L8m HIGH BY 0.9m WIDE.[N/A TO M/C ROCALESS]

DOOR HEIGHT 1.8m HIGH BY 0.9m WIDE.[N/A TO N/C ROGMLESS]

11. MINIMAIN FREE WORKING HEIGHT IS 2100mm FOR MACHINE ROOM AND 1500mm FOR OVERHEAD SIEAVE ROOM

12. CLAUSE 6.3.5.2 — THE AMBIENT TEMPERATURE MUST BE THERNOSTATIONLLY MINITAINED BETWEEN 6 AND 40 DEGREES CENTERADE. ADMICE SHOULD BE OSTAINED FROM VENTLAND EXPERT, HEAT RELASED BY FACH FITS MACHINERY IS SHOWN IN THE TILLE BLOCK OF SHEET I, 13. PROVINCE THE LIFE MOTOR BOOM BEING HIE BUST BACK AND THE MINISTER OF THE SHEET MOTOR BOOM BEING HIE BUSTER OF SHEET IN THE MEMORE OF THE SHEET MOTOR BOOM BEING HIE BUSTER OF THE SHEET MET THE BUSTER OF THE SHEET MET MEMORITHME BUSTER OF THE SHEET MET MEMORITHME BUSTER OF THE SHEET MET MEMORITHME BUSTER OF THE SHEET BUSTER OF THE SHEET BUSTER OF THE BUSTER OF TH 13. PROTECT THE LIFT MOTOR ROOM FROM THE INGRESS OF

PROTECT THE LIFT MOTOR ROOM FROM THE INJECTS OF OUST, HARMFUL OR HAZARDOUS FUMES AND HUMIDITY. THE HUMIDITY IS TO KEPT BELOW 90% CONDENSING.

HUMBITY IS TO KEPT BELOW 9.0% CONDENSING.

14. CLAUSE 13.4 — PROMOSE A DISTRIBUTION BOARD FITTED WITH A
LOOK-OUT FOOLITY NEAR THE LOOK SIDE OF THE MOTOR ROOM
DOOR TO CONTAIN CRICLIT BREAKERS OR THEIR REMOTE
OFFERTING DEVICES. FOR EACH LIST, ONE FOR THE MOTOR ROOM LIGHTS,
ONE FOR THE MOTER ROOM PUILOS, ONE FOR THE MOTOR ROOM
WOTHLINDON, AND ONE FOR THE LIFT HOSTINAY LIGHTS.
THE CROUNT BREAKERS MISST BE GROUNTELY SIZED FOR THE
EGYMPLATT IT WAIT PROTECT — CONSULT YOUR ELECTRICAL EQUIPMENT IT WILL PROTECT - CONSULT YOUR ELECTRICAL

15. CLAUSE 13.6.1 - A LIGHT SWITCH MUST BE PLACED CLOSE TO THE ACCESS DOOR TO CONTROL LIGHTS COMPLYING WITH

16. CLAUSE 6.2.3 - FURNISH A TRAPDOOR FOR EASY ACCESS CLAUSE 6.2.3 — FURNISH A TRAPDOOR FOR EASY ACCESS
AND REMOVAL OF MACHINERY FOR SERVICION, FOR HANDLING
OF EQUIPMENT, ONE OR WORE HOOKS, METAL SUPPORTS OR
CRAWL BEAMS WILL BE SUPPLIED IN THE CELLING TO MOVE
HEAVY COUPMENT DURING DECCHON, REPLACEMENT OR
REPAIR. USE OF STAIRS IS SPECIFICALLY EXCLUDED.

17. CLAUSE 5.7.3.1 - RENDER THE REINFORCED PIT WATERPROOF AND THE PIT FLOOR LEVEL AND SMOOTH. IF REQUIRED, PROMISION FOR PIT DRAINAGE SHOULD BE MADE (WHICH COULD INCLUDE A SENSOR OPERATED PUMP).

COULD INCLUDE A SENSOR OPERATED PUMP).

15. CLAUSE 5.2.2 — IF THE PIT DEPTH EXCEEDS 2.5m AN ACCE.
DOOR IS REQUIRED. IF THIS CANNOT BE PROVIDED FOR, ITEM
A PERMANENT ACCESS FROM LANDING DOORS OP PIT IS
REQUIRED FOR ACCESS BY A COMPETENT PERSON, ACCESS
MUST BE OUTSIDE THE RUNNING CLEARANCE OF THE LIFT
FORMSULEY.

19. CLAUSE 5.6.1 — PROVIDE A PARTITION IN THE PIT BETWEEN MALETIEL LITTS A MINIMUM HEIGHT OF 2500mm FROM BOTTOM LANDING

20. CLAUSE 5.7.3.4 b) & 13.5.2 - SUPPLY AN ELECTRIC SOCKET OUTLET IN THE PIT.

OTIS REQUIRES THAT YOU :-

21. PROVIDE PIPING AND WIRING SETWEEN LIFT MOTOR ROOMS, THE RECEPTION AREA OR SECURITY DESK FOR INTERCOM, FIREMAN SERVICE OR SECURITY REQUIREMENTS.

FIREMAN SERVICE UR SECURITY REQUIREMENTS.

22. PROVIDE TEMPORARY POWER AT THE LIFT MOTOR ROOM
DURING ERECTION AND COMMISSIONING.

23. BUILD IN THE LIFT ENTRANCE FRAMES AFTER THEY HAVE
BEEN FITTED BY OTIS. THE BUILDER MUST ENSURE THAT THE
BEEN FITTED BY OTIS. THE BUILDER MUST ENSURE THAT THE
RAMES RECEIVE ADEQUATE SUPPORT DURING THE PROCESS
OF DISTRIBUTION THE PROPERTY. OF BUILDING IN. THE OPENINGS MUST BE PROTECTED BY THE CLIENT DURING THE BUILDING AND ERECTION OF THE

THE TIST.

THE CLEINT, BY APPROVING THIS DRAWING, WARRANTS THAT THE PIT FLOOR TO UNDERSIDE OF THE SLAB OVER THE WELL WILL BE FLUSH, EACH WALL WILL BE PARALLEL AND WITHOUT THIS TIO THE FOLLOWING MINIMUM AND WITHOUT THIS TIO THE FOLLOWING MINIMUM THE PARALLEL WILL BE PARALLEL WITHOUT THIS TO THE FOLLOWING MINIMUM THE PROPERTY OF THE PARALLEL WITHOUT THIS TOO THE PARALLEL WAS NOT THE PARALLEL WITHOUT THIS TOO THE PARALLEL WAS NOT THE PARALLEL WITHOUT THIS TOO THE PARALLEL WAS NOT THE PARALL TOLERANCES IN ACCORDANCE WITH SABS-0155 TABLE 9
GRADE 1:- RISE UP TO 30m -0+20mm

RISE FROM 31m TO 60m RISE FROM 61m TO 90m -0+35mm -0+50mm RISE ABOVE 90m

NOTE: NO UNAUTHORISED CHANGES PERMITTED

KSI-15 LIFT No.15 Buildin : KSIA: TERMINAL BUILDING Location: DURBAN

Owner Arch End: IG Design by G.F. Date: 1.9.2007

SHEET REV SHEET REV DRAWING NUMBER 2of4 72NE9162 3024 02

