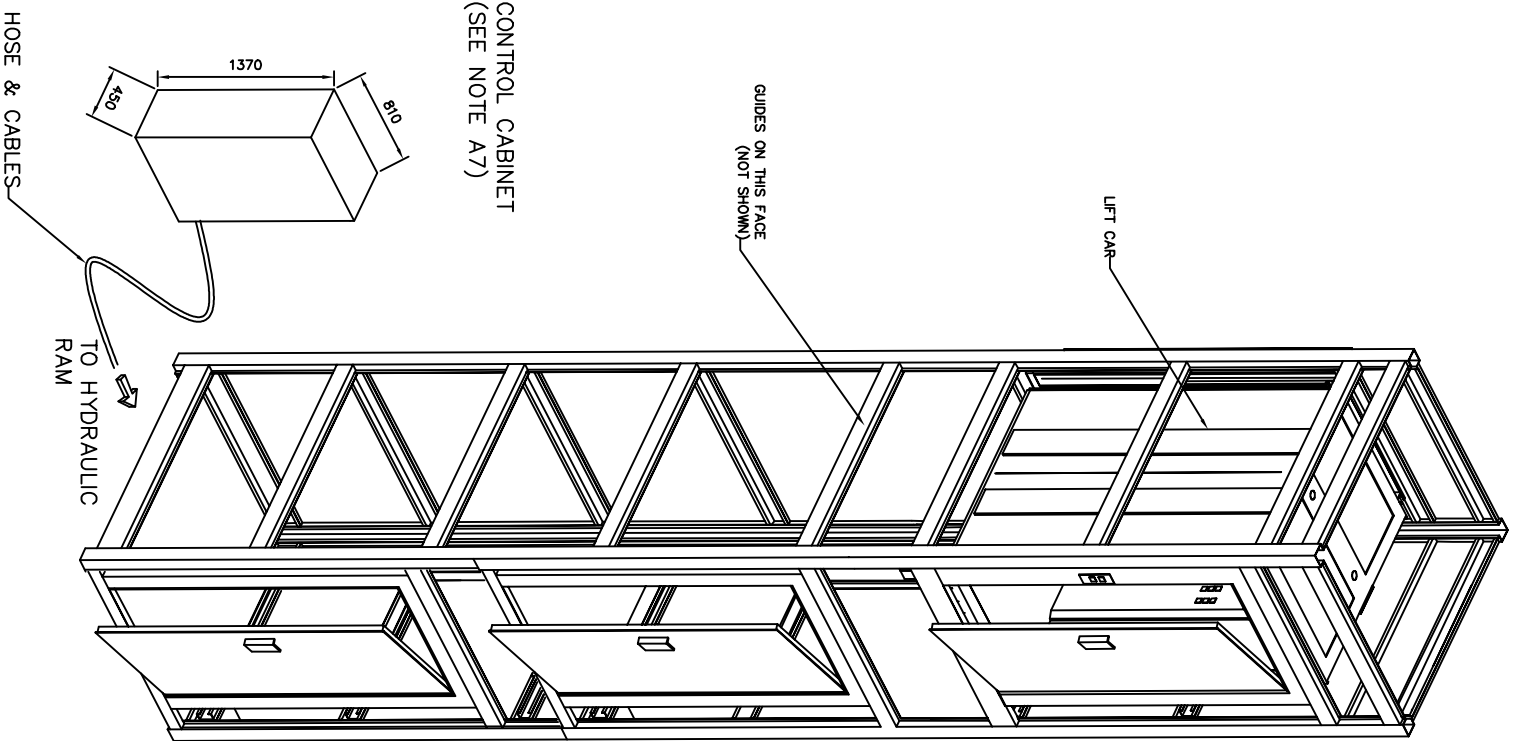


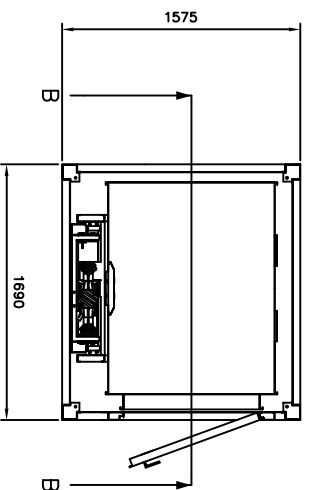
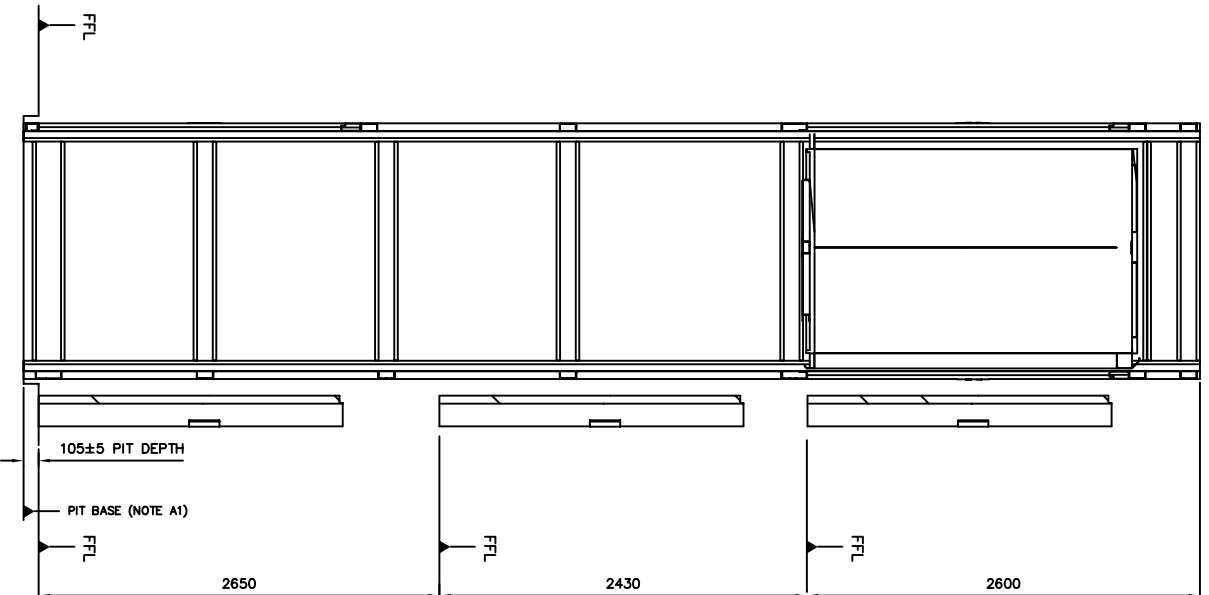
CAR & STRUCTURE DETAIL

ISOMETRIC VIEW ON LIFT STRUCTURE
SCALE: NTS



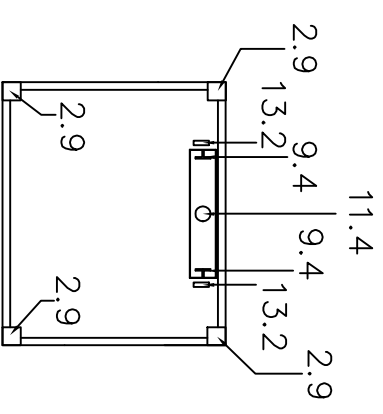
NOTE: LANDING DOORS SEPARATED AWAY FROM STRUCTURE FOR CLARITY OF DRAWING

SECTION B-B



DETAIL 2
VERTICAL LOADS INTO PIT FLOOR

VIEW ONTO LIFT PIT BASE
SEE NOTE A1a.



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SCALE 1:50 SHEET 1 OF 3

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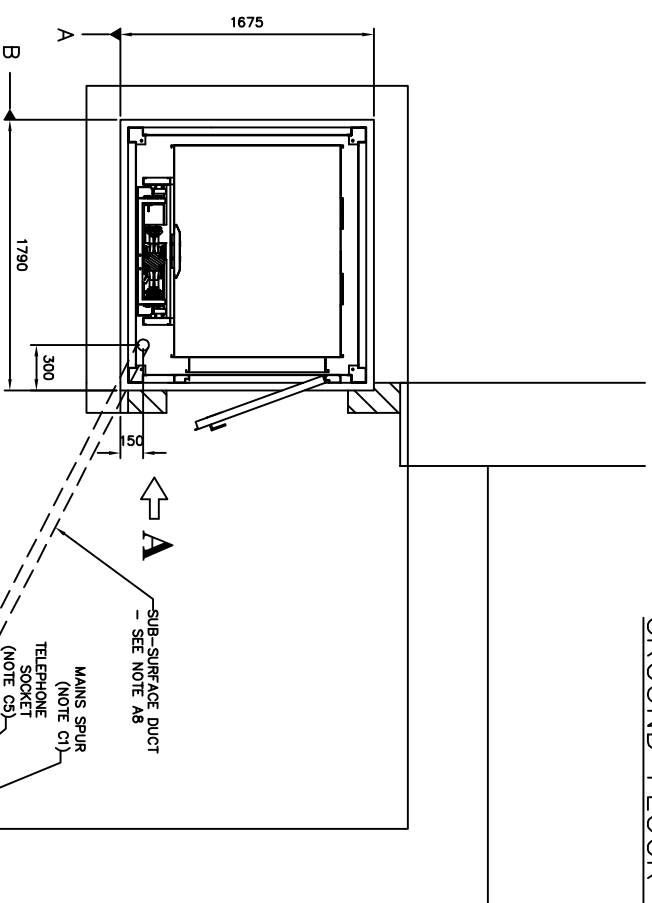
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MATERIAL:	-
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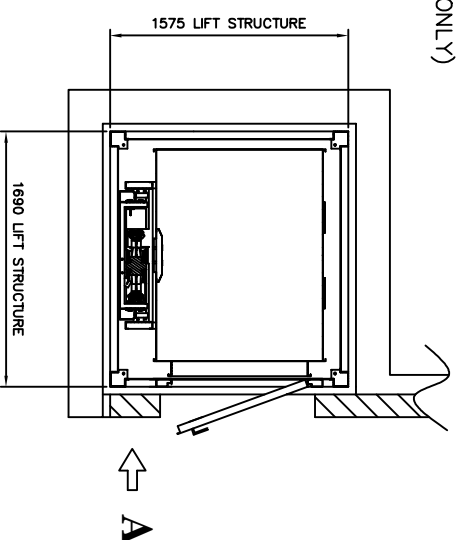
LIFT SHAFT BUILDERS WORK DETAIL

GROUND FLOOR PLAN



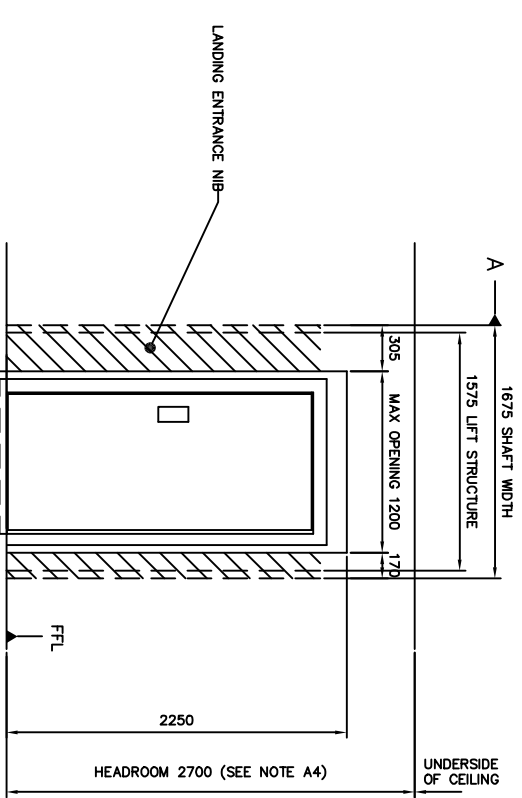
FIRST & 2nd FLOOR PLANS

(PART VIEW SHOWING DETAIL AROUND LIFT ONLY)



ELEVATION ON 2nd FLOOR LANDING

SEE NOTE A3

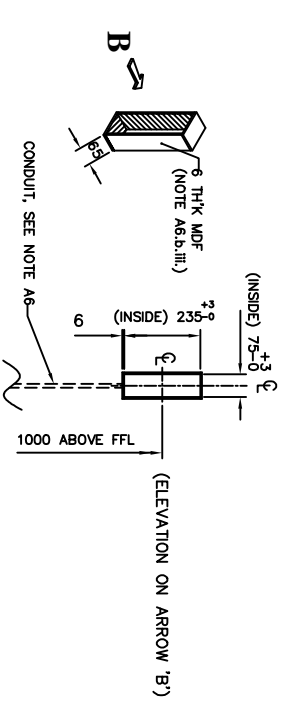


DETAIL 2:
LANDING CALL CUTOUT DETAIL (MASONRY)

VIEW ON ARROW 'A'

TYPICAL EACH LANDING ENTRANCE

SCALE 1:25



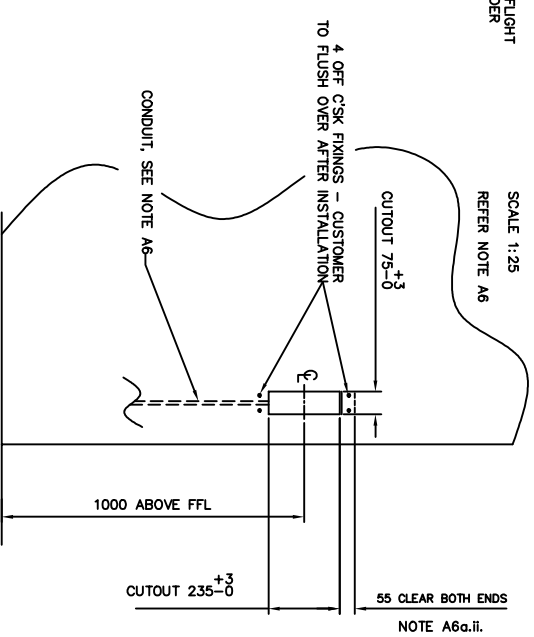
DETAIL 1:
LANDING CUTOUT DETAIL (DRY LINING)

VIEW ON ARROW 'A'

TYPICAL EACH LANDING ENTRANCE

SCALE 1:25

REFER NOTE A6



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SCALE 1:50

SHEET 2 OF 3

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DATE: 05.12.02					
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REV.					

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BUILDERS WORK - NOTES

A. BUILDERS WORK REQUIRED BEFORE LIFT INSTALLATION

LIFT PIT & WELL:

1. FORM PIT TO DEPTH SHOWN. PIT BASE TO BE LEVEL, SMOOTH & CAPABLE OF SUPPORTING LOADS INDICATED IN DETAIL 3 (SHEET 1). VERTICAL LOADS INTO PIT FLOOR (SHEET 1).
2. LIFT WELL TO BE CONSTRUCTED TO SIZES SHOWN IN PLAN DETAILS (SHEET 2). CONSTRUCTION TO BE TO NATIONAL BUILDING & FIRE REGULATIONS & TO BE CAPABLE OF SUPPORTING 2 x 1kN HORIZONTAL LOADS 1500mm APART AT ANY POSITION ON EACH WALL. IT IS CRITICAL THAT THE MINIMUM PLUMB WELL SIZE, TRAVEL, PIT DEPTH & HEADROOM DIMENSION ARE ACHIEVED TO WITHIN TOLERANCES GIVEN AS FOLLOWS. THESE MEASUREMENTS TO BE CHECKED DURING CONSTRUCTION & DISCREPANCIES REPORTED TO STAMMAM LIFTS.

BUILD TOLERANCES:

- a. LINEAR DIMS ± 25
- b. EACH INSIDE WALL OF WELL TO BE PLUMB OVER HEIGHT OF WELL TO ± 15 mm
- c. PERPENDICULAR WALLS (eg. A & B - FIRST FLOOR PLAN SHEET 2) TO BE SQUARE TO WITHIN 15mm OVER WIDTH OF WALL

MATERIALS USED FOR LIFT WELL CONSTRUCTION SHOULD ACHIEVE REQUIRED FIRE RATING.

3. ELEVATION ON 2ND FLOOR LANDING: (SHEET 2). VIEW APPLIES EQUALLY TO OTHER LANDINGS. HATCHED AREAS SHOW MAXIMUM MIN SIZES WHICH MAY BE CONSTRUCTED BEFORE LIFT INSTALLATION. FURTHER FINISHING AROUND ENTRANCES WILL THEN BE NEEDED AFTER LIFT IS INSTALLED (SEE NOTES B1 & B2). IF MORE CONVENIENT, LANDING NIBS MAY ALTERNATIVELY BE LEFT OPEN & BUILT UP AFTER LIFT IS INSTALLED.

4. MINIMUM HEADROOM FROM UPPERMOST FFL TO UNDERSIDE OF CEILING TO BE MIN 2700. (NOTE THIS ALLOWS 100 CLEARANCE OVER TOP OF STRUCTURE)

5. FFL TO FFL MEASUREMENTS TO BE ACHIEVED TO WITHIN ± 25 OF DIMS SHOWN.

6. AT EACH LANDING, APERTURE REQUIRED IN WALL FOR FITTING OF LANDING CALL CONTROL. DETAIL OF WALL CUT-OUT REQUIRED DEPENDS ON WALL CONSTRUCTION. SEE SHEET 2 DETAIL 1 FOR DRY LINING OR DETAIL 2 FOR MASONRY. FOR EACH CASE, A 25 DIA. CONDUIT WITH DRAW WIRE IS REQUIRED BETWEEN LIFT WELL & LANDING CALL POSITION. ACHIEVEMENT OF CORRECT CUT-OUT SIZE IS CRITICAL IN ORDER THAT WHEN FITTED, BEZEL PLATE WILL COVER EXPOSED EDGES. ADDITIONALLY, THE FOLLOWING POINTS SHOULD BE CONSIDERED:

a. DRY LINING:

- i. CLEAR DEPTH REQUIRED FROM FINISHED FACE 65mm
- ii. CLEARANCE HEIGHT OF 55 AT REAR SIDE OF PLASTERBOARD FACE IS REQUIRED ABOVE & BELOW CUTOUT FOR POSITIONING OF FIXING BRACKET.
- iii. LANDING CALL FIXING SCREWS TO BE FLUSHED OVER AFTER INSTALLATION

b. MASONRY:

- i. TIMBER LINING HAS NO BACK - JUST 4 SIDES REQUIRED.
- ii. CLEAR DEPTH REQUIRED FROM FINISHED FACE 65mm
- iii. 6 THK LINING MAY BE VARIED IF PREFERRED - ONLY ACHIEVEMENT OF INTERNAL DIMS IS CRITICAL TO ENSURE CALL ASSEMBLY WILL FIT.
- iv. FINISH TO INSIDE EDGES OF OPENING (NOT OUTSIDE EDGE OF TIMBER LINING SUCH THAT EDGE OF LINING IS EXPOSED)

CONTROL BOX:

7. A WEATHERPROOF SPACE TO BE PROVIDED FOR INSTALLATION OF THE LIFT CONTROL CABINET. PASSAGEWAY TO THE CONTROL CABINET ROOM TO BE EASILY ACCESSIBLE & WELL LIT WITHIN THIS PASSAGEWAY & THE DESIGNATED ZONE FOR THE CONTROL BOX THERE SHALL BE 2m HEADROOM. ADDITIONALLY, THERE SHALL BE MIN. 900mm CLEAR DEPTH IN FRONT OF THE OPEN CABINET. LIGHT LEVEL IN CONTROL BOX ZONE TO BE MIN 200 LUX & ANY DOOR FITTED (IF CABINET TO BE INSTALLED IN A SEPARATE ROOM) SHALL OPEN OUTWARDS.
8. A DUCTING WILL BE REQUIRED 75 SQ. OR ROUND TO ROUTE SERVICES BETWEEN CONTROL CABINET & LIFT PIT. ENTRY OF DUCT TO LIFT WELL TO BE THROUGH PIT FLOOR IN POSITION SHOWN. DRAW COND. TO BE PROVIDED IN DUCT.

B. BUILDERS WORK REQUIRED AFTER LIFT INSTALLATION

1. INFILL GAPS BETWEEN LANDING THRESHOLDS & EDGE OF LIFT STRUCTURE.

2. INFILL GAPS AROUND LANDING OPENINGS TO LIFT STRUCTURE. IF FIRE SEPERATION IS REQUIRED TO BE ACHIEVED, THEN THE DESIGN OF SURROUNDS & SELECTION OF MATERIALS TO BE SUITABLY SPECIFIED.

3. TO MAINTAIN FIRE INTEGRITY OF WELL, APPROPRIATE GLANDING OF DUCT & /OR LIFT CABLES & HOSE TO BE MADE BY OTHERS (AS NECESSARY).

C. ELECTRICAL PROVISIONS REQUIRED BY OTHERS BEFORE LIFT INSTALLATION

1. SINGLE PHASE DEDICATED POWER SUPPLY, 240V 50HZ RATED AT 13A. SUPPLY TO TERMINATE AT A SWITCHED FUSED & LOCKABLE ISOLATOR POSITIONED IN CONTROL CABINET ROOM, IN CLOSE PROXIMITY TO CHOSEN POSITION FOR CONTROL CABINET.

2. TWIN SOCKET OUTLET IN VICINITY OF LIFT FOR MAINTENANCE PURPOSES. WILL BE NEEDED FOR LEAD LIGHT & POWER TOOLS.

3. LIGHTING AT EACH LANDING THE LIFT SERVES TO BE MIN 50 LUX. THIS LIGHTING TO BE WIRED FROM SEPARATE SUPPLY TO LIFT. (LIFT PLATFORM LIGHTING IS PROVIDED AS AN INTEGRAL PART OF THE LIFT CAR).

4. PERMANENT LIGHT INSTALLED IN LIFT WELL CEILING. SWITCH TO BE CONCEALED OR INSTALLED IN CONTROL CABINET ROOM. SUPPLY FOR LIGHT TO BE TAKEN FROM SEPARATE CIRCUIT TO LIFT. (REQUIRED DURING INSTALLATION & SUBSEQUENT MAINTENANCE OPERATIONS).

5. TELEPHONE CONNECTION WITH BT SOCKET. IMPLEMENTATION OF PHONE LINE TO BE DECIDED BY OTHERS. A CONVENTION TELEPHONE WILL BE FITTED TO LIFT CAR.

D. GENERAL / SAFETY REQUIREMENTS TO BE PROVIDED BY OTHERS

1. SPACE TO BE MADE AVAILABLE FOR THE OFFLOADING OF LIFT PARTS IN VICINITY OF LIFT INSTALLATION. DELIVERIES WILL NORMALLY BE MADE BY HIAB FLATBED TRUCK (34ft x 8ft). IF OFFLOADING IN VICINITY OF LIFT INSTALLATION IS NOT POSSIBLE, PROVISION WILL BE REQUIRED TO MOVE PARTS TO APPROPRIATE LOCATION.

2. WEATHERPROOF DRY SECURE STORAGE AREA REQUIRED FOR ALL LIFT EQUIPMENT, PLANT & TOOLS ONCE DELIVERED TO SITE.

3. WORKING AREA SAY 5 x 5m REQUIRED AT LOWER LEVEL OF LIFT FOR PRE-ASSEMBLY & SITE WORKING. THIS AREA TO BE COURDOUNED OFF & ACCESS RESTRICTED TO LIFT INSTALLERS ONLY. IMMEDIATE AREA IN FRONT OF EACH LIFT LANDING ENTRANCE SHALL BE SIMILARLY COURDOUNED OFF & ACCESS RESTRICTED.

4. TASK LIGHTING REQUIRED FOR WORKING AREA DESCRIBED IN NOTE D3. EACH LANDING ENTRANCE & LIFT WELL.

5. EACH UPPER LEVEL IN VICINITY OF LIFT TO BE TEMPORARILY PROTECTED TO PREVENT FALLING (APPLIES TO LANDING ENTRANCES AS WELL AS ANY ADDITIONAL EDGES WHERE A HAZARD OF FALLING EXISTS).

6. ALTERNATIVE MEANS OF ACCESS TO UPPER LANDINGS REQUIRED.

7. FACILITY TO BE PROVIDED IN VICINITY OF THE LIFT FOR THE DISPOSAL OF WASTE MATERIALS. A SKIP OF VOLUME 4 CUBIC METRES WILL BE ADEQUATE.

LIFT SPECIFICATION

General features

Parameter	quantity	unit
contract load	250	kg
rated speed	0.15	m/s
cabin size	1100 x 1400	mm
structure size	1575 x 1690	mm
power supply	240	V
power supply	50	Hz
power supply	1	Ph.
drive mechanism type	hydraulic	
drive motor power	1.5	kW
hydraulic hose length	8	m
pit depth	100	mm

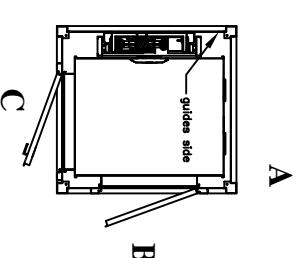
Landing door detail

Parameter	quantity	unit
no. of entrances	3	
fire rating	60	mins
entrance clear width	900	mm

Options

Item	quantity	position
handrail	2	A & B
half height mirror	1	A

Lift face notation (typical arrangement for identification only)



CONTRACT No. n/a
TYPICAL DRAWING, MIDLIFT 'DL'

SCALE n/a SHEET 3 OF 3

REV.	DRAWN	DATE	CHANGE	DCN No.	GRID REF.

DRG TITLE: ARRANGEMENT, MIDLIFT 'DL'

MATERIAL:		FINISH:	
HEAD OFFICE		DRAWN BY: CPD	
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		REV.	

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