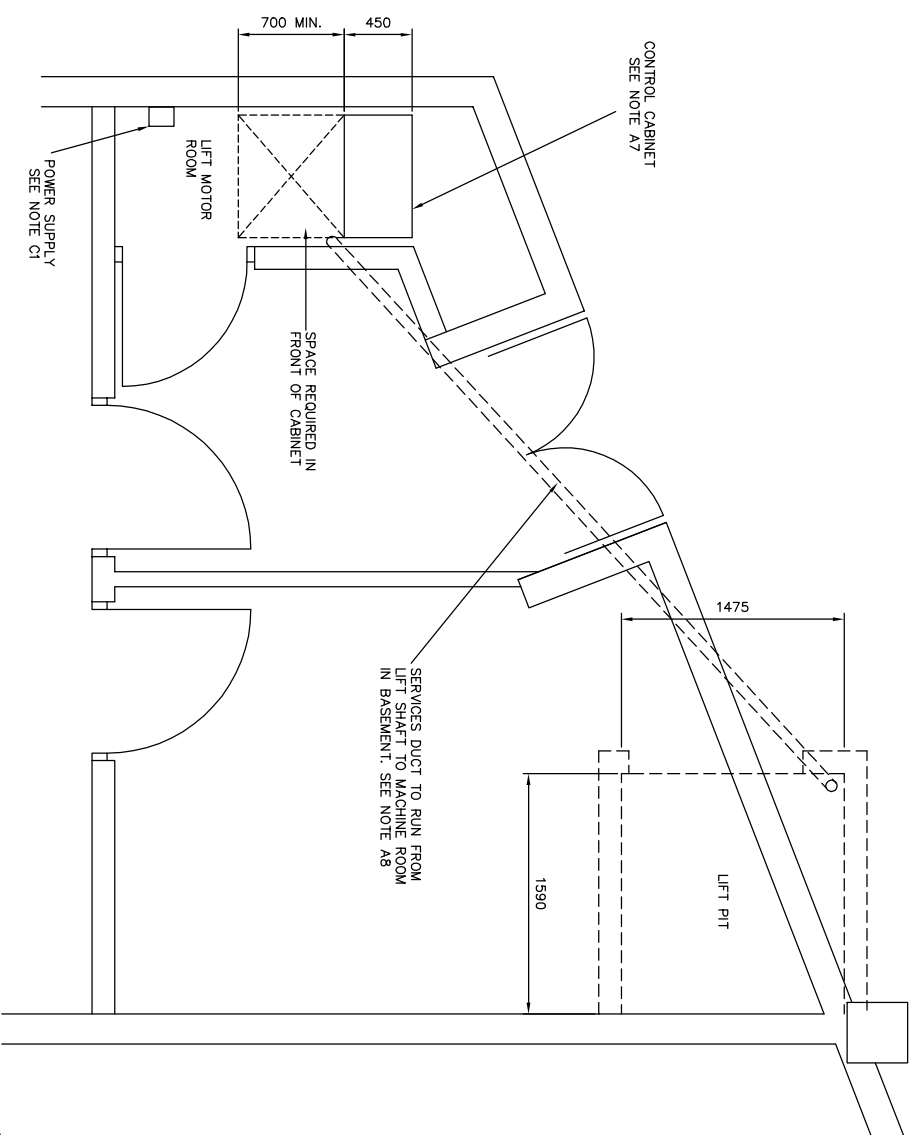


LIFT SHAFT BUILDERS WORK DETAIL



PLAN OF LIFT MOTOR ROOM
ON BASEMENT FLOOR

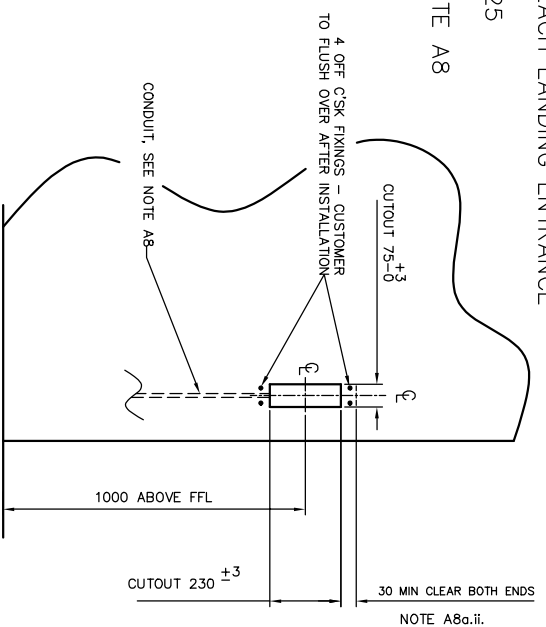
DETAIL 1:
LANDING CALL CUTOUT DETAIL (DRY LINING)

VIEW ON ARROW 'A'

TYPICAL EACH LANDING ENTRANCE

SCALE 1:25

REFER NOTE A8



**TYPICAL DRAWING FOR REFERENCE ONLY
DO NOT USE FOR CONSTRUCTION**

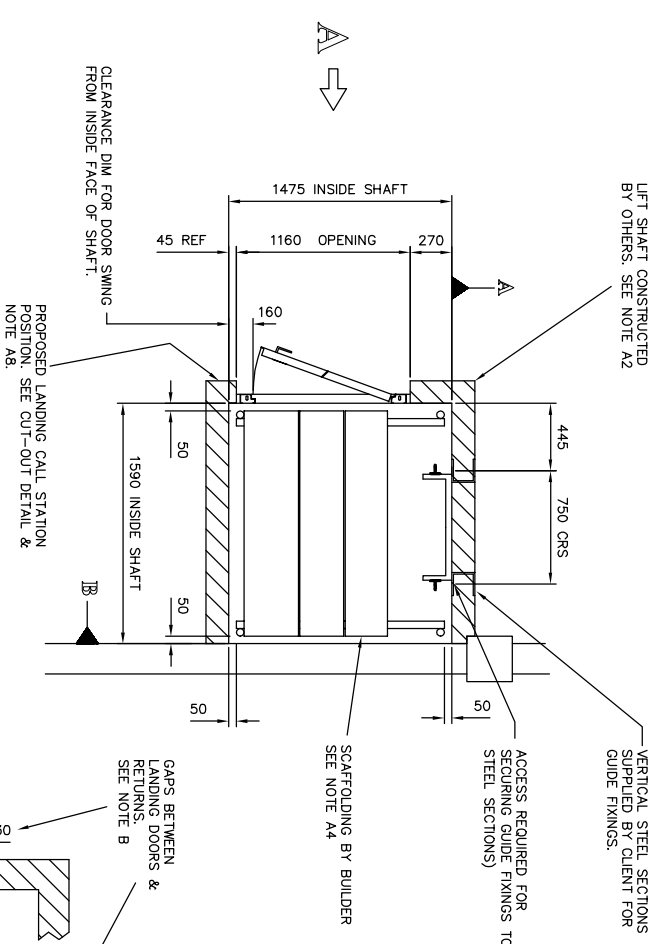
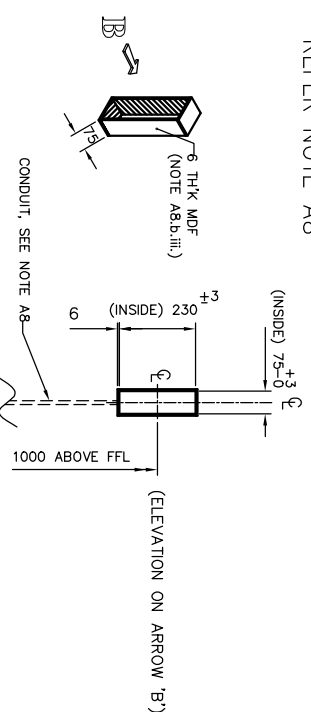
DETAIL 2:
LANDING CALL CUTOUT DETAIL (MASONRY)

VIEW ON ARROW 'A'

TYPICAL EACH LANDING ENTRANCE

SCALE 1:25

REFER NOTE A8

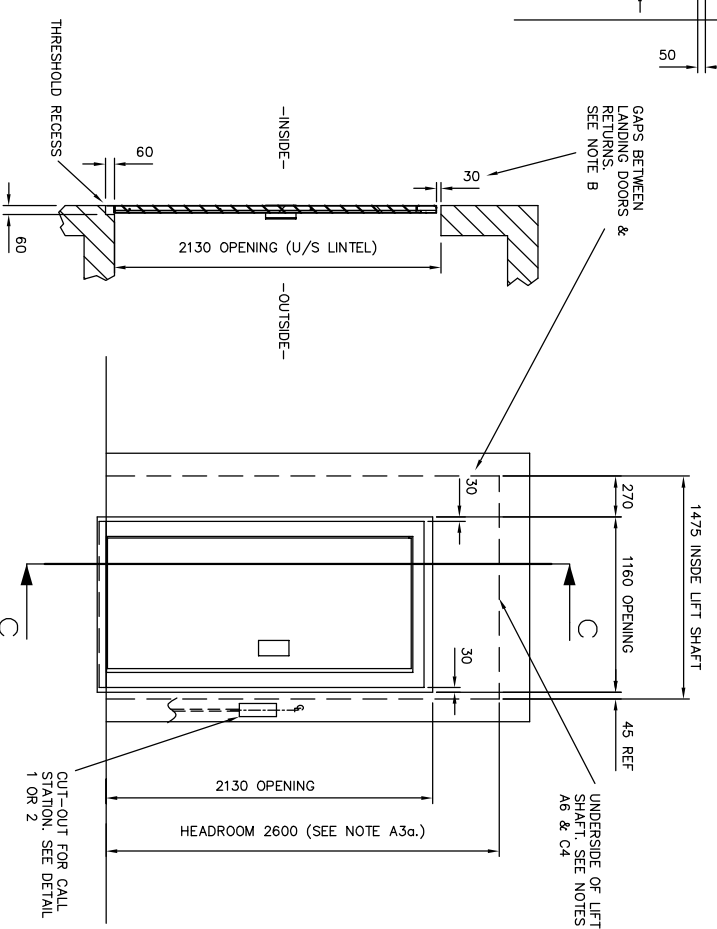


PLAN OF LIFT SHAFT
TYPICAL EACH LANDING ENTRANCE

SECTION 'C' - 'C'

ELEVATION ON LANDING ENTRANCES

TYPICAL ARROW 'A'
(SEE NOTE A3.)



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

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SCALE 1:50

SHEET 2 OF 3

REV.	DRAWN	DATE	CHANGE	DCN No.	GRID REF.

DRG TITLE: ARRANGEMENT, MIDLIFT 'DL'

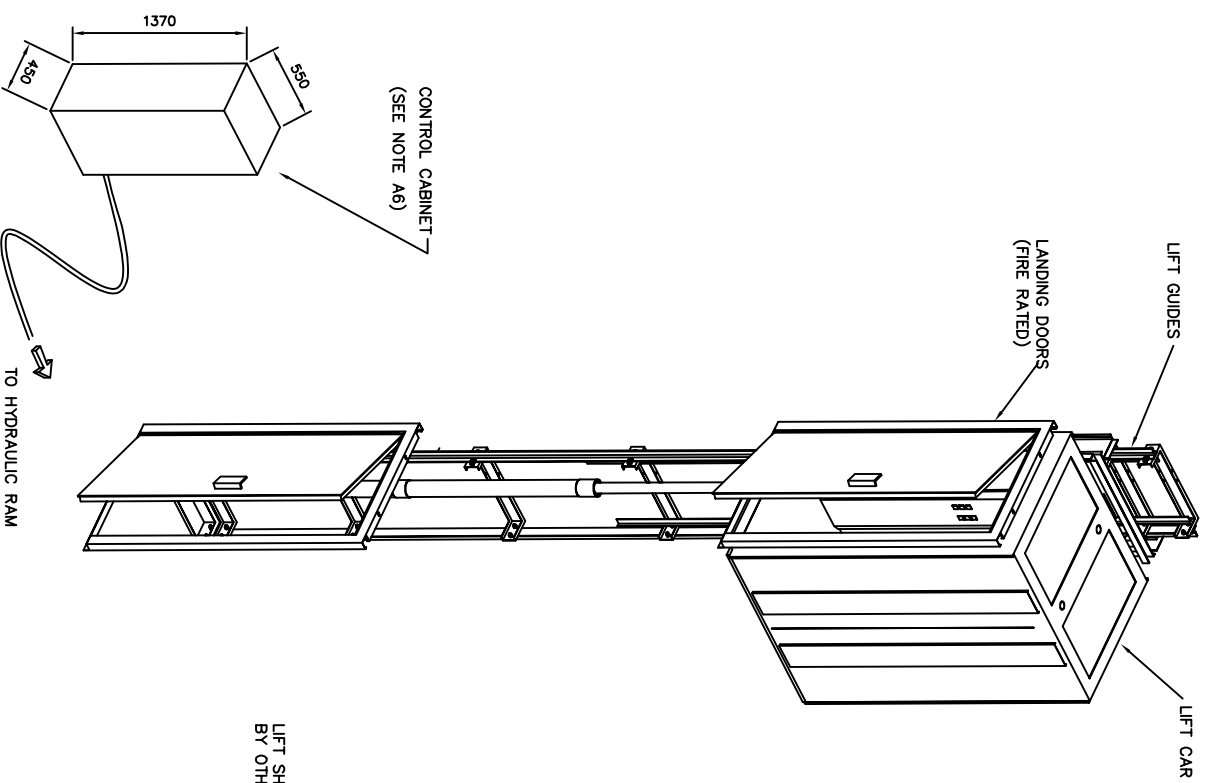
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HEAD OFFICE
Anton Hill, Andover
Hampshire, SP10 2NX, England
Tel: 01264 339090 Fax: 01264 339050
e-mail: access@stammah.co.uk

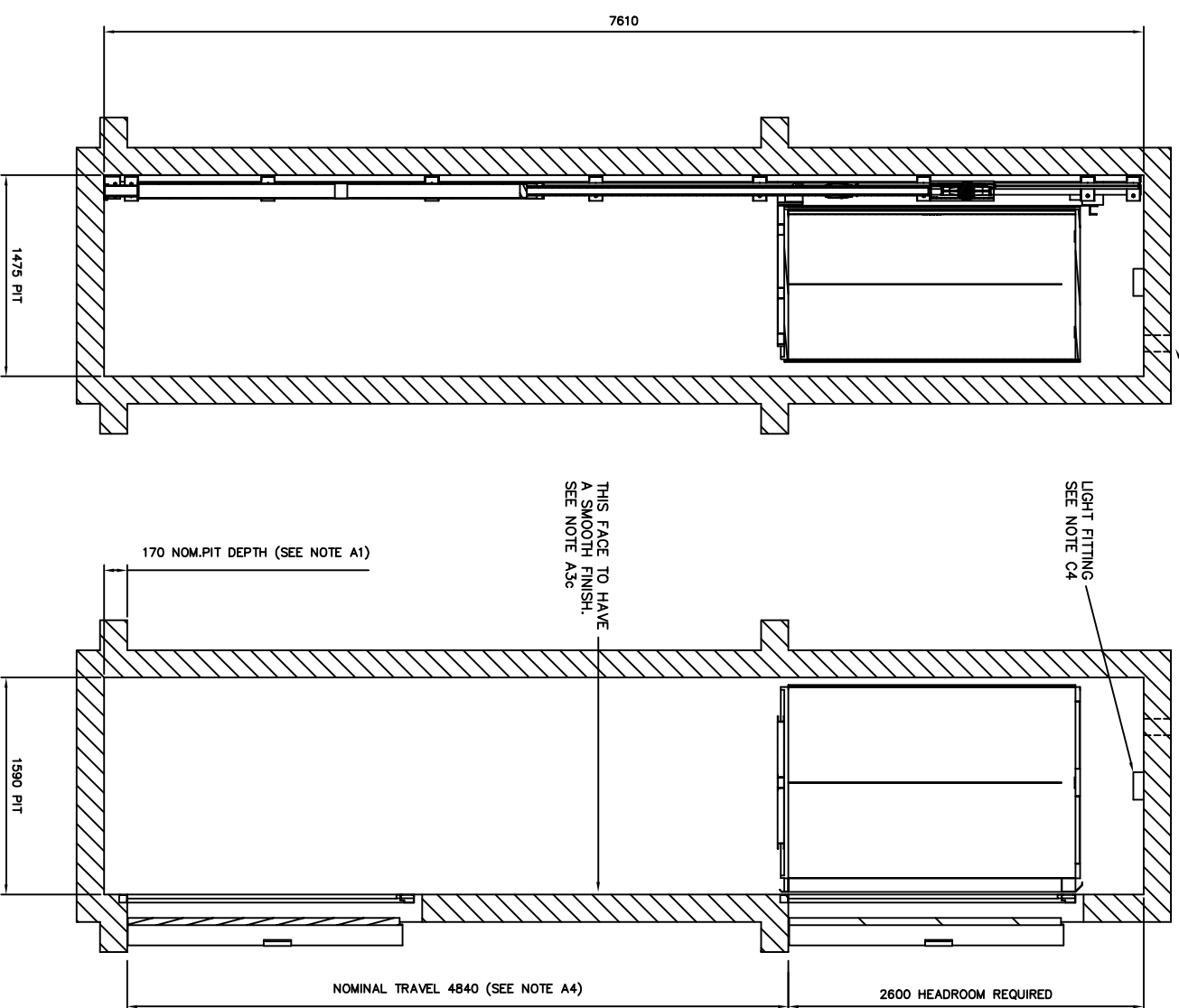
MATERIAL: -
FINISH: -
DRAWN BY: CD DATE: 19.03.03
CHECKED BY: -
DRAWING NUMBER: L222000-1
REV.

CAR & SHAFT DETAIL

ISOMETRIC VIEW ON LIFT ASSEMBLY
SCALE: NTS

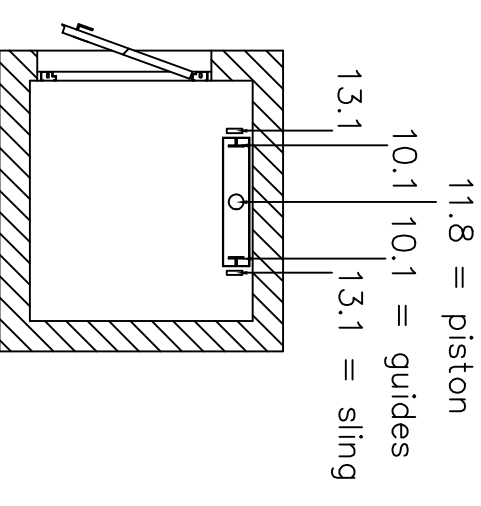


NOTE: LANDING DOORS SEPARATED
AWAY FROM STRUCTURE FOR CLARITY
OF DRAWING



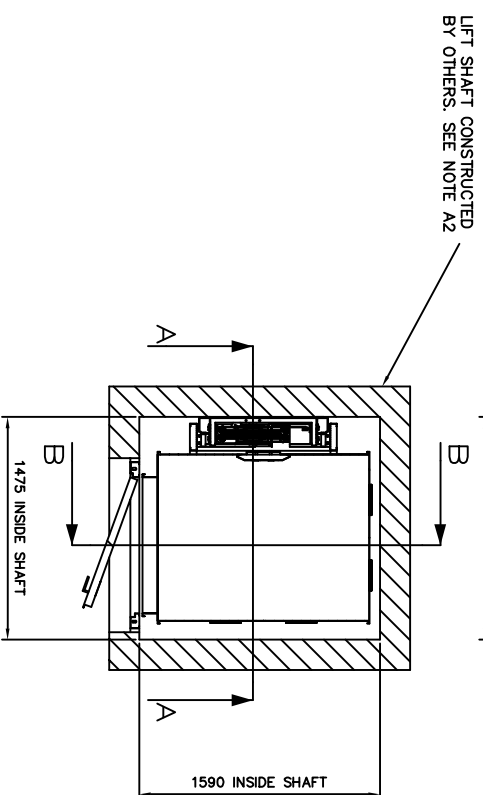
DETAIL 1
VERTICAL LOADS INTO PIT FLOOR (KN)
(loads do not apply at the same time)

VIEW ONTO LIFT PIT BASE
SEE NOTE A1.



**DO NOT USE FOR CONSTRUCTION
TYPICAL DRAWING
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WALL MOUNTED MIDLIFT 'DL'



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SCALE 1:50 SHEET 1 OF 3

REV.	DRAWN	DATE	CHANGE	DCN No.	GRID REF.

DRG TITLE: ARRANGEMENT, MIDLIFT 'DL'

MATERIAL: -

FINISH: -

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REV.:

Stammah
Lifts

HEAD OFFICE
Anton Mill, Andover,
Hampshire, SP10 2NX, England
Tel: 01264 339080 Fax: 01264 339050
e-mail: ccsales@stammah.co.uk

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 1; VERTICAL LOADS INTO PIT FLOOR (SHEET 1).
2. LIFT WELL TO BE CONSTRUCTED TO SIZES SHOWN, CONSTRUCTION TO BE TO NATIONAL BUILDING & FIRE REGULATIONS & TO BE CAPABLE OF SUPPORTING LOADS APPLIED BY LIFT AS DESCRIBED IN STANMAH DATA SHEET "200203qpd\data sheet, wall mg loadings.dwg" NOTE THAT A STRUCTURAL GUIDES SIDE WALL IS ALWAYS REQUIRED.

PLEASE NOTE THAT STANMAH LIFTS ARE UNABLE TO ACCEPT RESPONSIBILITY FOR INTEGRITY OF MATERIAL INTO WHICH RESTRAINT FIXINGS FOR THE LIFT ARE TO BE MADE. IF THERE IS ANY DOUBT REGARDING THE ABILITY OF THE STRUCTURE TO SUPPORT THE APPLIED LOADS, IT IS ADVISED THAT A STRUCTURAL ENGINEER IS CONSULTED.

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 STANMAH LIFTS.

BUILD TOLERANCES (UOS):

- a. LINEAR DIMS ± 15
- b. EACH INSIDE WALL OF WELL TO BE PLUMB OVER HEIGHT OF WELL TO ± 10 mm
- c. PERPENDICULAR WALLS (e.g. 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. CONSTRUCT ENTRANCES TO SIZES SHOWN ON ELEVATION ON LANDING ENTRANCES (SHEET 2); MATERIAL USED FOR ENTRANCE FRAMING TO BE ROBUST & SUITABLE FOR ACCEPTING FIXTURES TO SECURE DOOR ASSEMBLY (GOUGH BOLT FOR TIMBER OR SCREW FOR STEEL). NOTE THAT LANDING DOOR & FRAME WEIGHT IS APPROX 100kg & HORIZONTAL LOADS (TURNING MOMENT) WILL BE TRANSFERRED INTO FORMED FRAME DUE TO OPERATION OF HYDRAULIC SELF CLOSER.

- a. HEADROOM CRITERION APPLIES ONLY TO UPPER LANDING.

- b. FINISHING AROUND ENTRANCES WILL BE NEEDED AFTER LIFT IS INSTALLED (SEE NOTES B1 & B2).

- c. INSIDE FACE (FULL WIDTH) OF LIFT WELL, ON ENTRANCE SIDE, TO BE A FLUSH, SMOOTH CONTINUOUS SURFACE. FAIR FACE BLOCK IS NOT A SUITABLE FINISH. FINISH TO BE EITHER PLASTERED OR DRY LINED.

4. PROVIDE AND ERECT SCAFFOLDING IN LIFT WELL, TO DIMENSIONS SHOWN ON PLAN. EACH STAGE OF SCAFFOLDING TO BE AT 2000mm PITCHES. PROVIDE A SUITABLE TOE-BOARD OR SIMILAR MEANS OF PROTECTION AT LOW LEVEL. (NOT TO BE LESS THAN 150 HIGH) AND A MID RAIL AT 900mm ABOVE EACH STAGE. SUPPLY LADDERS AS REQUIRED TO ENSURE SAFE ACCESS TO ALL STAGES. ALL SCAFFOLDING MUST COMPLY WITH THE CONSTRUCTION (HEALTH, SAFETY & WELFARE) REGS 1998.

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 1 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. WALL TO BE DECORATED TO INSIDE EDGES OF OPENING (NOT OUTSIDE EDGE OF TIMBER LINING) SUCH THAT EDGE OF LINING IS COVERED.

CUSTOMER TO ADVISE LOCATIONS OF LANDING CALL UNITS. NOTE THAT POSITION OF LANDING CALL UNITS SHOULD BE CHOSE SUCH THAT THEY ARE:

- AT HEIGHT OF 1000 ABOVE FFL
- TO SLAM SIDE OF DOOR
- EASILY ACCESSIBLE FOR LONE USER 1.6m THAT USER IN A WHEELCHAIR CAN PRESS CALL (WHICH IS CONSTANT PRESSURE) THEN PULL DOOR OPEN WITHOUT IT BEING OBSTRUCTED BY POSITION OF WHEELCHAIR.

NOTES CONTINUED.....

6. CONSTRUCT VENT AT TOP OF LIFT WELL TO OUTSIDE AIR. FREE AREA TO BE MINIMUM 1% OF THE HORIZONTAL PLAN AREA OF THE WELL. CONSTRUCTION OF VENT SHOULD PRECLUDE THE INGRESS OF RAIN AND SMALL BIRDS / ANIMALS.

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. 700mm 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 SHAFT. MAX LENGTH OF RUN MUST NOT EXCEED 10m FROM CABINET TO LIFT PIT. ENTRY OF DUCT TO LIFT WELL TO BE IN POSITION SHOWN. DRAW CORD TO BE PROVIDED IN DUCT.

B. BUILDERS WORK REQUIRED AFTER LIFT INSTALLATION

1. INFILL GAPS BETWEEN THE LANDING OPENINGS AND LIFT DOORS. IF FIRE SEPERATION IS REQUIRED TO BE ACHIEVED, THEN THE DESIGN OF SURROUNDS & SELECTION OF MATERIALS TO BE SUITABLY SPECIFIED BY CUSTOMER.

2. 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 EACH LIFT ENTRANCE 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. MAX PROTRUSION OF FITTING FROM CEILING 75mm. (LIGHT REQUIRED DURING INSTALLATION & SUBSEQUENT MAINTENANCE OPERATIONS).

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 "HAWK" FLATBED TRUCK (3.4m x 8m). 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 5m x 5m REQUIRED AT LOWER LEVEL OF LIFT FOR PRE-ASSEMBLY & SITE WORKING. THIS AREA TO BE COURDNONED OFF & ACCESS RESTRICTED TO LIFT INSTALLERS ONLY. IMMEDIATE AREA IN FRONT OF EACH LIFT LANDING ENTRANCE SHALL BE SIMILARLY COURDNONED 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 head	250	kg
rated speed	0.15	m/s
cabin size	1100 x 1400	mm
shaft size	1475 x 1590	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	170	mm

Landing door detail

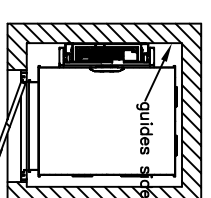
Parameter	quantity	unit
no. of entrances	2	
line rating	60	mm
entrance clear width	900	mm

Options

Item	quantity	position
handrail	2	A & B
hand height mirror	2	A & B

Lift force notation

(typical arrangement for identification only)



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TYPICAL DRAWING,
WALL MOUNTED MIDLIFT 'DL'

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SCALE n/o

SHEET 3 OF 3

TYPICAL DRAWING
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DRG TITLE: ARRANGEMENT, MIDLIFT 'DL'

MATERIAL:	FINISH:
DRAWN BY: CD	DATE: 13.3.03
CHECKED BY:	DRAWING NUMBER: L222000-1
REV.	

HEAD OFFICE
Stammah Lifts
Aston Mill, Andover,
Hampshire, SP10 2XK, England
Tel: 01264 33090 Fax: 01264 36152
E-Mail Address: jon_john@stammah.co.uk