GENERAL REQUIREMENTS

PLEASE READ CAREFULLY !!

DRAWINGS

THIS DETAIL DRAWING IS DESIGNED TO SHOW THE LIFT AND ASSOCIATED EQUIPMENT ONLY. IT DOES NOT NECESSARILY REPRESENT THE ACTUAL DETAIL OF THE BUILDING AND SURROUNDING AREA.

BUILDING REQUIREMENTS

ALL BUILDING WORK TO BE UNDERTAKEN BY THE BUILDER UNLESS OTHERWISE STATED.

POWER REQUIREMENTS (WITHIN 2 METRES OF LIFT LOCATIONS).

PLEASE PROVIDE THE LIFT WITH A DEDICATED SINGLE PHASE (INCLUDING EARTH) 230v 50Hz PERMANENT ELECTRICAL SUPPLY. THIS SHOULD ORIGINATE FROM THE APPROPRIATE RING MAIN OR AS A RADIAL CIRCUIT CONNECTION TO THE DISTRIBUTION BOARD, TERMINATING IN A DOUBLE POLE SWITCHED OUTLET PROTECTED BY A 10 AMP FUSE. THE SUPPLY MUST ALSO HAVE A 13 AMP RCD FITTED. BOTH THE FUSED OUTLET AND RCD MUST BE APPROPRIATELY IP RATED FOR THE CONDITIONS IN WHICH THEY ARE HOUSED.

SERVICES

NO OTHER SERVICES OTHER THAN THOSE FOR THE LIFT SHOULD BE FITTED WITHIN THIS AREA.

FIXINGS FOR LIFT EQUIPMENT

ALL FIXINGS TO BE SUPPLIED AND FITTED BY AXESS 4 ALL

FINISHING

BUILDER TO MAKE GOOD WHERE NECESSARY AFTER INSTALLATION.

OFFLOADING, ACCESS & STORAGE OF EQUIPMENT

THE MAIN CONTRACTOR MUST ALLOW IN HIS PROGRAM FOR THE FOLLOWING :
A) PROVIDE ASSISTANCE IF REQUIRED WITH OFF LOADING AND MOVING OF OUR EQUIPMENT TO THE PROPOSED LIFT AREA
B) ENSURE ADEQUATE ACCESS THROUGH THE BUILDING FOR ALL LIFT EQUIPMENT
C) PROVIDE A DRY, TEMPORARY SECURE STORAGE AREA FOR ALL LIFT EQUIPMENT IF REQUIRED BY INSTALLER.

EXTRA NOTES

1. CUSTOMER TO ENSURE THAT THE WALL WILL BE ADEQUATE TO ACCEPT LOADS IMPOSED THE MAGNITUDE OF PULL-OUT FORCE AT EACH FIXING POINT IS SPECIFIED BELOW. PLEASE NOTE AXESS 4 ALL ARE UNABLE TO ACCEPT RESPONSIBILITY FOR THE INTEGRITY OF MATERIAL INTO WHICH FIXINGS ARE MADE. IF ANY DOUBTS EXIST, IT IS SUGGESTED A STRUCTURAL ENGINEER IS CONSULTED. BEFORE APPROVING DRAWING, CUSTOMER TO ADVISE AXESS 4 ALL IF ALTERNATIVE FIXINGS WILL BE REQUIRED. SHOULD NO SPECIAL ADVICE REGARDING THE FIXINGS BE RECEIVED AT TIME OF DRAWING APPROVAL. OR EXPIRY OF APPROVAL DATE, IT WILL BE ASSUMED THAT THE PROPOSAL IS ACCEPTABLE.

2. LOADINGS

FIXING TO A STRUCTURAL WALL

THE TOP TRACK BOLTS ARE FITTED AT APPROX 250MM CTRS AND BY VIRTUE OF THE TRACK BENDING STRENGTH, THE LOAD IS SPREAD ACROSS 3 BOLTS. HENCE THE TENSILE LOAD ON EACH IS 1350N.

ALLOWING FOR A FACTOR OF 3 A FASTNER CAPABLE OF CARRYING 4050 NEWTONS IS REQUIRED

FIXING TO STANCHIONS

FOR TRACK FIXINGS TO STANCHIONS IT IS NECESSARY FOR EACH STANCHION TO BE CAPABLE OF CARRYING FULL TRACK LOAD WHICH CORRESPONDS TO A BENDING MOMENT OF 1358Nm.

THE DESIGN OF THE STANCHION AND STANCHION/STAIR TREAD MUST BE SUCH THAT THE DEFLECTION MEASURED AT A VERTICAL HEIGHT OF 1000mm ABOVE THE STAIR NOSING DOES NOT EXCEED 3mm UNDER THE BENDING MOMENT DEFINED ABOVE: THE STANCHIONS SHOULD BE SPACED AT A MAXIMUM OF 600mm APART.

BECAUSE OF THE WIDER ATTACHMENT SPACING TO STANCHIONS IT IS NECESSARY TO USE A FASTENER CAPABLE OF CARRYING THE FULL LOAD WITH A SAFETY FACTOR OF 3. I.E. 12,000N.

3. ALL CONDUIT WILL BE SURFACE FIXED AS PART OF THE INSTALLATION.

4. SPACE IN ADDITION TO HEADROOM CLEARANCE IS REQUIRED FOR FOLDING OF PLATFORM AT TOP OR BOTTOM OF STAIRS.

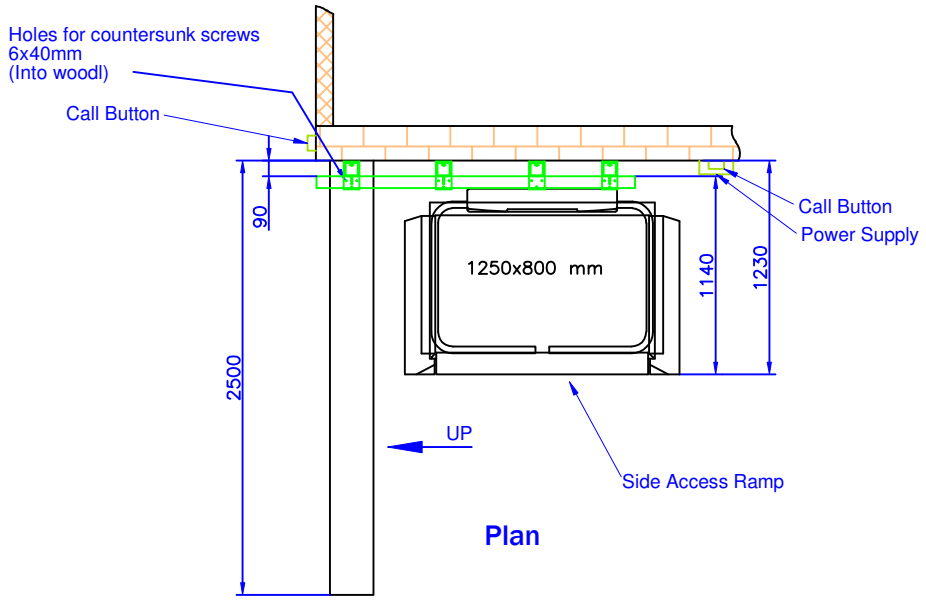
5. CUSTOMER TO CHECK THAT FOLDED CLEARANCE IS ADEQUATE. PLEASE NOTE THAT REQUIREMENTS FROM BUILDING CONTROL OR FIRE OFFICER MAY BE APPLICABLE.

6. UPPER LEVEL CALL STATION TO BE POSITIONED 1000mm MIN. FROM TOP NOSE IN ORDER TO AVOID EXPOSING USER TO HAZARD OF FALLING DOWN THE STAIRS WHILE CALLING THE LIFT.

FINISHES
COLOUR TO BE RAL 7035 (GREY)

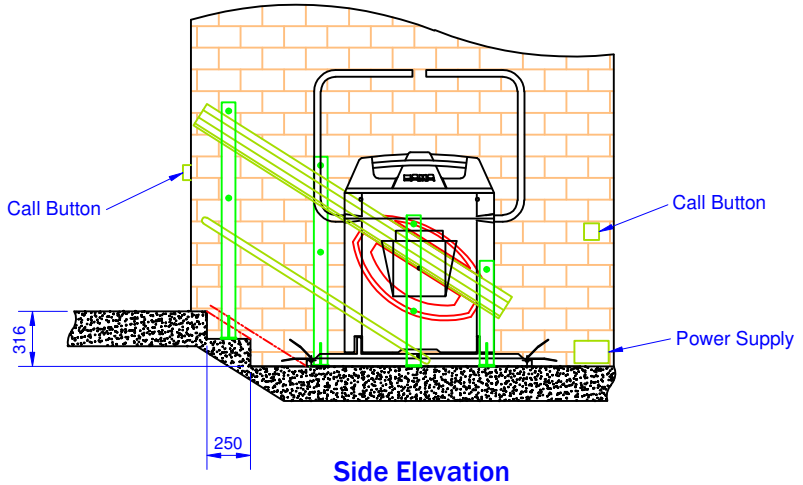
CAPACITY
225 KG

PLATFORM
1250 LONG X 800 WIDE C/W GREY NON SLIP RUBBER FLOORING
FOLDED UP PROJECTION FROM WALL IS APPROX 350mm



Plan

Supply and call button positions to be confirmed on site



Side Elevation

CLIENT APPROVAL	
DRAWING NUMBER :- J TEST	REVISION :- A
SIGNATURE :-	DATE :-
PRINT NAME :-	
POSITION :-	
COMPANY :-	

Rev:	Date :	Modifications :	Int :
A	17/06/08	Initial Issue.	S.D

Drawing Title : ?

Drawn : S. Dewar | Date : 17.06.08 | Checked : S.Pawley | Date : 17.06.08

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