

max central point load on the ladder beams at any one time = 375kg + 500kg = 875kg

max calculated
 $bm = 8.75kn \times 1.5m$
 $span/4 = 1.64knm$
 permissible
 $= 13.7knm$ therefore
 ok
 max leg load
 $= 8.75kn/2 + sw$ and
 live of scaffold
 $total = 4.1kn = 8.48kn$
 permissible leg load
 on 2m lift = 29kn

PLATFORM DESIGN LOAD 0.75KN/M²

WORKING DRAWING


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GENERAL NOTES

1. This is not a working drawing and is to be used for quotation or discussion purposes only.
2. This is a working drawing and is for construction purposes. No deviation is permitted without approval from Mousehouse scaffold design ltd.
3. Client must ensure that the permanent structure is of adequate strength to resist the forces imposed by this temporary structure.
4. The client is to provide adequate foundations to support the loads imposed by this temporary structure without adverse settlement or deflection.
5. Maximum force per standard = kN

Rev	Date	Description	Drawn


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Client: **D.A.B SCAFFOLDING LTD**
 Site: **CREWE**
 Drawing Title: **SUPPORT AND ACCESS IN LIFT SHAFT**
 Scale: **1:50@A4** Date: **14/06/07** Drawing Number: **07/MSD/603/1**
 Drawn: **D Garden**

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