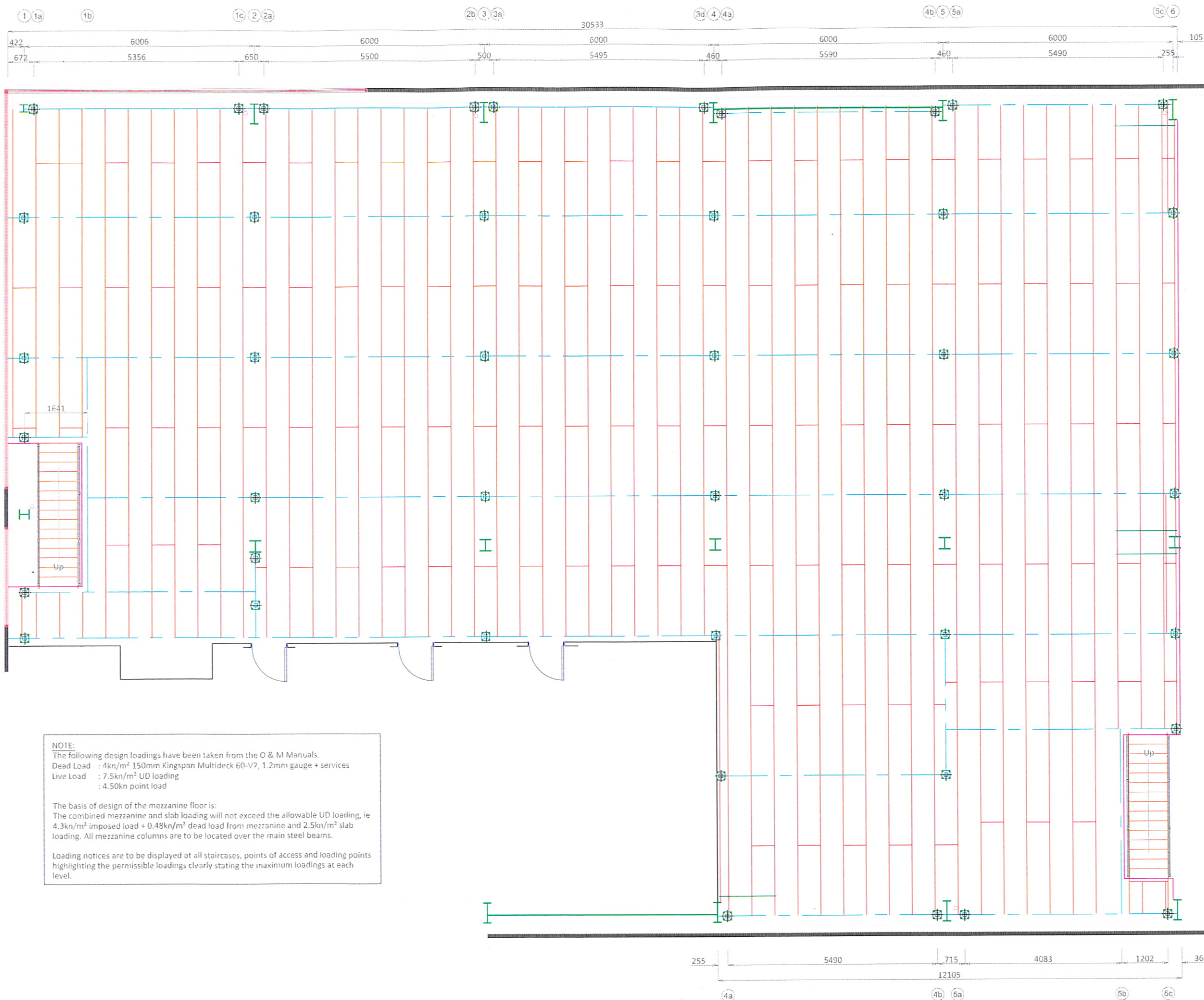




NOTE:
The following design loadings have been taken from the O & M Manuals.
Dead Load : 4kn/m² 150mm Kingspan Multideck 60-V2, 1.2mm gauge + services
Live Load : 7.5kn/m² UD loading
: 4.50kn point load

The basis of design of the mezzanine floor is:
The combined mezzanine and slab loading will not exceed the allowable UD loading, ie 4.3kn/m² imposed load + 0.48kn/m² dead load from mezzanine and 2.5kn/m² slab loading. All mezzanine columns are to be located over the main steel beams.

Loading notices are to be displayed at all staircases, points of access and loading points highlighting the permissible loadings clearly stating the maximum loadings at each level.

MEZZANINE SPECIFICATION

Design Loading:
4.30 kn/m² imposed UD loading

Decking:
36 TG2 P6 high Density Particle Board.

Joists - Ayrshire Sections
320.18 at 600/c/s - Bays K-N
185.15 at 600/c/s - Bays A-K, L-L-N
complete with tie rods at mid span and
manufacturers pre-formed end cleats

Main Beams
254x102x22ub
305x102x33ub
305x127x37ub
305x175x40ub
305x102x25ub
A(3)(1)(1-4), N(4a-4b), 2(F-H)
B, C, E(1-1), J(4-6), K, L, 5(I-L)
1b(C-5)
G(1-2)
N(5a-5c)

Columns
100x100x5vns
100x100x4vns
90x90x3.6shs
80x80x3.6shs
70x70x3.6shs
L5
C(1-5), E(2-5), J, K, L
B(1-6), C, E, G, H, I, K, L, 4
H(1,3), N(1-1)
A(1-1), D(1), F(2), J(1)

Baseplates
220x220x10
220x220x8
B, C, E(1-2-5), H(2,5), L5
Remaining

NOTE: Use Hilti HUC-H-12x75/35 anchors or similar
Maximum hole depth not to exceed 80mm.

Finishes Schedule
Beams: Grey Primer
Columns: Grey Primer
Baseplates: Grey Primer
Joists: Galvanised
Staircase Stringer: RAL5003 (Blue)
Treads: RAL5003 (Blue)
Handrail Post: RAL5003 (Blue)
Handrail Tube: All
Kick Angle: Galvanised
Decking: Natural
Swing Gate: RAL2008 (Orange)

☒ **SALES ISSUE** ☐ **CONSTRUCTION ISSUE**

Site Contact: .
Contact No: .
Site Condition: Clear/Cluttered
Site Access: .
Fork Lift Truck: .
MEWPs: .
Genie Lift: .
Power Available: Yes/No
Working Hours: TBC

Rev A 20.04.18 Stairs amended - 1st floor
Rev Date Details Int

S R Doyle Ltd
The Mezzanine Floor and Office
Refurbishment Specialists

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B & S Healthcare

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Ruislip
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HA4 0NU

Proposed work :
1st Floor Mezzanine

Scale : 1:100 @ A1
Date : 20.04.2018
Drawing No : 3327 - 05

Risk assessments under the Health and Safety
(Work place Regulations) 1997 are the
responsibility of the client.