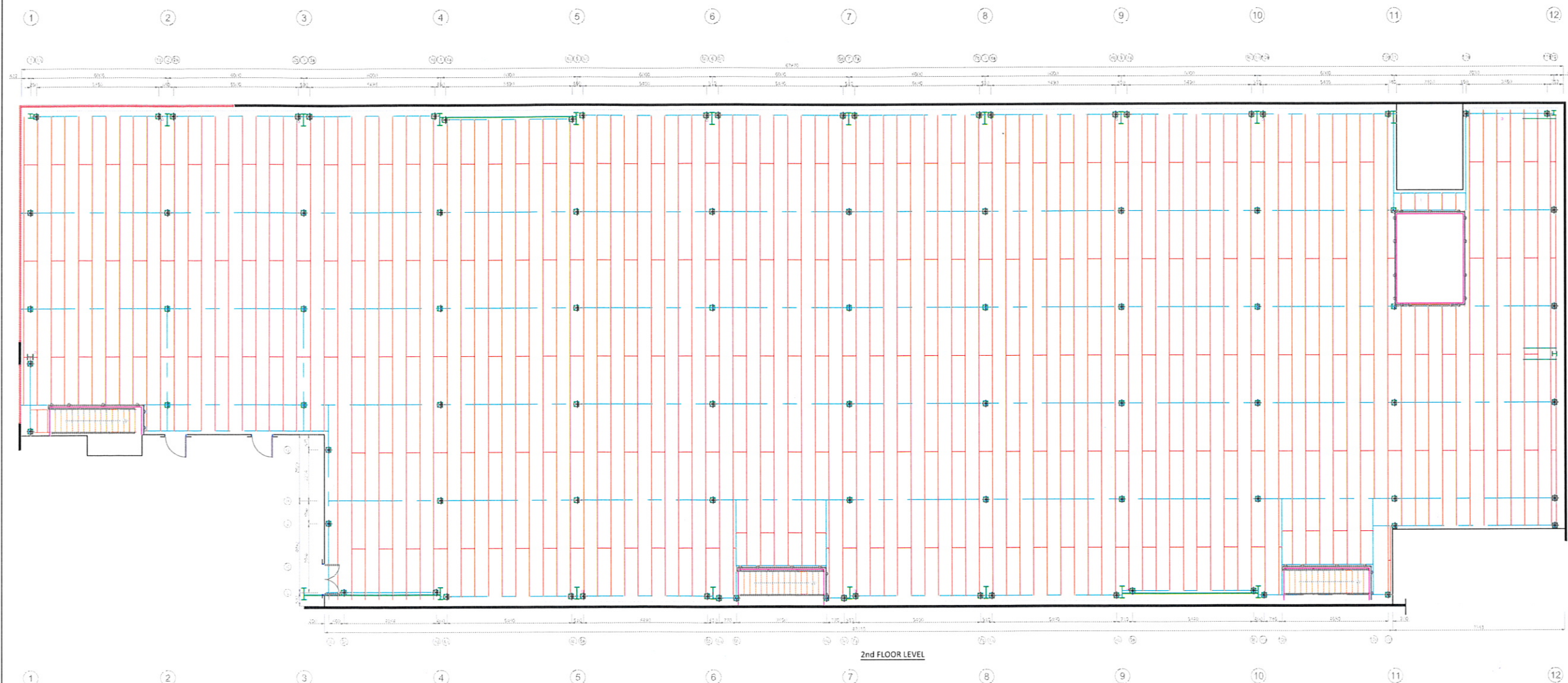




NOTE:
The following design loadings have been taken from the O & M Manuals.
Dead Load : 4kn/m² 150mm Kingspan Multideck 60-V2, 1.2mm gauge + services
Live Load : 7.5kn/m² UD loading
: 4.50kn point load

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:
38 T&G P6 high Density Particle Board.

Joints - Ayrshire Sections
200.15 at 600c/c's - Bays A-I
complete with tie rods at mid span and manufacturers pre-formed end cleats.

Main Beams
305x165x4500
305x127x3700
305x102x2500
305x102x3300
254x102x2200
- (C, E) (I1-I2)
- (B, C) (I1, I2), (E1, I1), (H1, I1)
- (E1, I1), (I1, I2)
- (H1, I1)
- Remaining

Columns
100x100x400
80x80x3.600
80x80x3.600
70x70x3.600
- (B, C) (I1, I2), (E1, I1), (H1, I1)
- H1, I2
- (A) (I1), (I1, I2), (I1, I2), (I1, I2)
- (I1, I2), (I1, I2), (I1, I2)
- (I1, I2), (I1, I2), (I1, I2)

Baseplates
220x220x10
220x220x8
- (B, C, E) (I1, I2), (H1, I1)
- Remaining

Finishes Schedule
Beams: Grey Primer
Columns: Grey Primer
Baseplates: Grey Primer
Joints: Galvanised
Staircase Stringer: RAL5003 (Blue)
Treads: RAL5003 (Blue)
Handrail Post: RAL5003 (Blue)
Handrail Tubing: 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

<i>John</i> 26 Apr 2018			
C	26.04.18	Staircase amended	rb
B	24.04.18	Steel spec added	rb
A	20.04.18	Stairs amended - 1st floor	rb
Rev	Date	Details	Int

S R Doyle Ltd

The Mezzanine Floor and Office
Refurbishment Specialists

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B & S Healthcare

4 Bradfield Road
Ruislip
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HA4 0NU

Proposed work :
2nd Floor Mezzanine

Scale : 1:100 @ A1
Date : 20.04.2018
Drawing No : 3327 - 06

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