

CBC Unit	G.F. area	Mezz area	Total (GFA)
1	44.9m ²	115m ²	564m ²
2	387m ²	99m ²	486m ²
3	316m ²	92m ²	453m ²
4	3109m ²	79m ²	3888m ²
5	418m ²	99m ²	517m ²
6	456m ²	108m ²	564m ²
Total	2,380m²	592m²	2,972m²

- Fire strategy and boundary conditions:
- Fire Exit signs on the drawing indicate FE doors / routes
- All fire boundaries are shown on the drawings
- Fire protect the whole frame to 60 minutes F_r (columns, rafters, beams) - no moment resisting bases
- The units are considered to be industrial uses, purpose groups 6 within Approved Document B, and have been designed for single occupancy use
- The capacity have been based on Approved Document B
- The fire compartmentation is based on Approved Document B
- Volume 2, Warehouse occupancy rates are 1 person per 30m²
- All escape distances are in accordance with Part B for industrial premises of normal risk, industrial use - 25m (17m) for one direction of escape or 45m (30m) for more than one direction of escape
- FE - Denotes Final Exit door with panic bar or similar approved device to BS EN 1125. All final exit doors to have fire safety signage to BS 5499-1: 2002

Loading door widths are dimensioned as structural opening between steel channels. Clear widths between flashings are 150mm less (75mm insulation to jamb)

Fire escape door widths are dimensioned as structural opening between steel channels. Clear widths between flashings are 50mm less (25mm insulation to jamb)

Window openings widths are dimensioned as openings between cladding rails. Clear widths between flashings are 50mm less (25mm insulation to jamb)

Party walls - 1 hour fire resistance

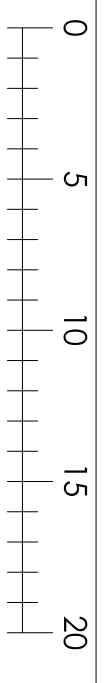
Party walls are fire resistant 150mm thick metal faced vertically laid composite panels

Staircases are fire compartments

Staircase walls need to go to u/s of roof with deflection head detail or stop short of the roof with the fire-rated ceiling

Mezzanines are shell only open to warehouse with knee clamp balustrade to mezzanine edge

Ae built



- Rev E: 23-11-2021 Updated to As-built
- Rev D: 25-2-2021 Steel frame updated as steel s/c design, loading door width amended, RWP locations amended
- Rev C: 2-10-2020 Perimeter ductwork omitted, party wall specification changed to white wall panel
- Rev B: 16-3-2020 Construction issue
- Rev A: 23-10-2019 Drawing number corrected to 20-01

NOTES:

No dimensions are to be scaled from this drawing.

The drawing is for information only and is not to be used for construction before commencing any work or making any shop drawings.

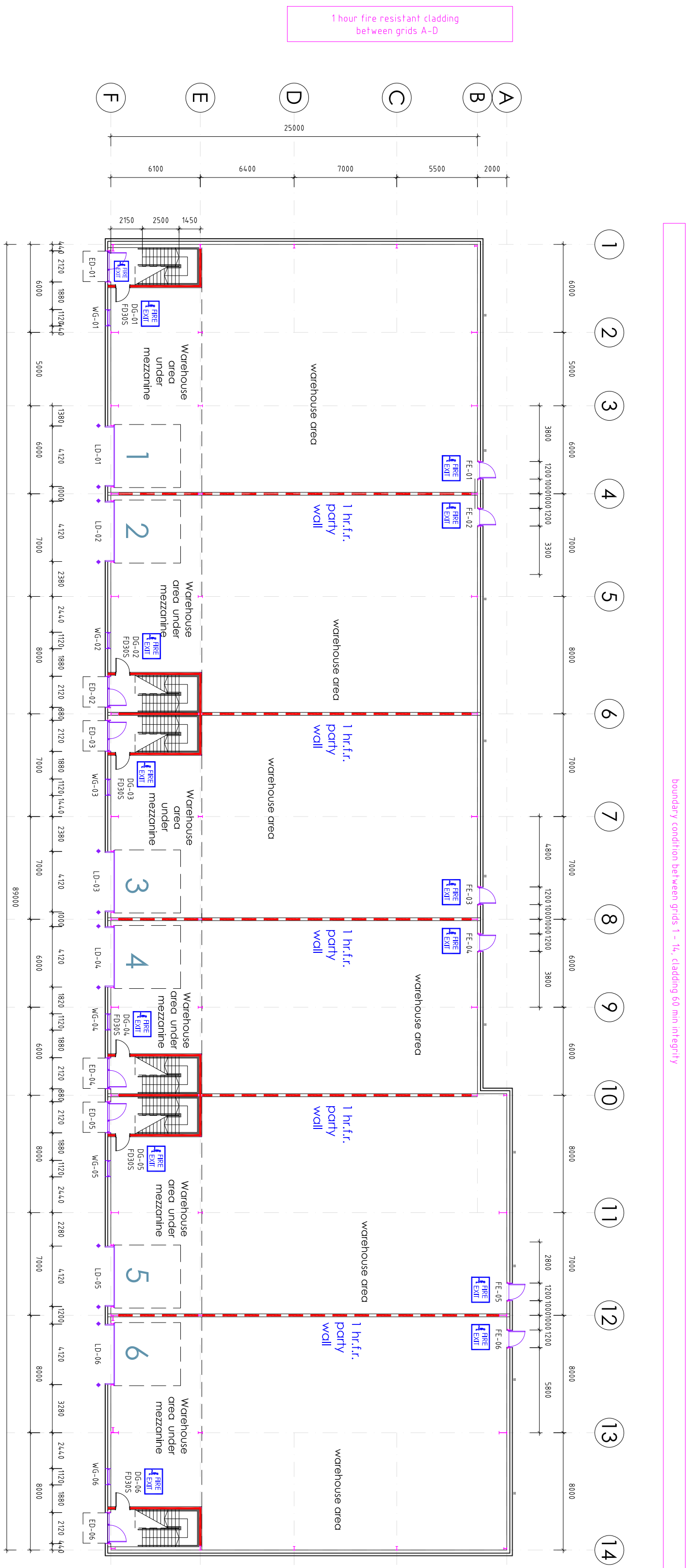
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Title
Aerial Park
Chesteram
Units 1 - 6
Floor plans

DWG No C-287-20-01
Date 9-2019
Scale 1:250 (A1) Rev E

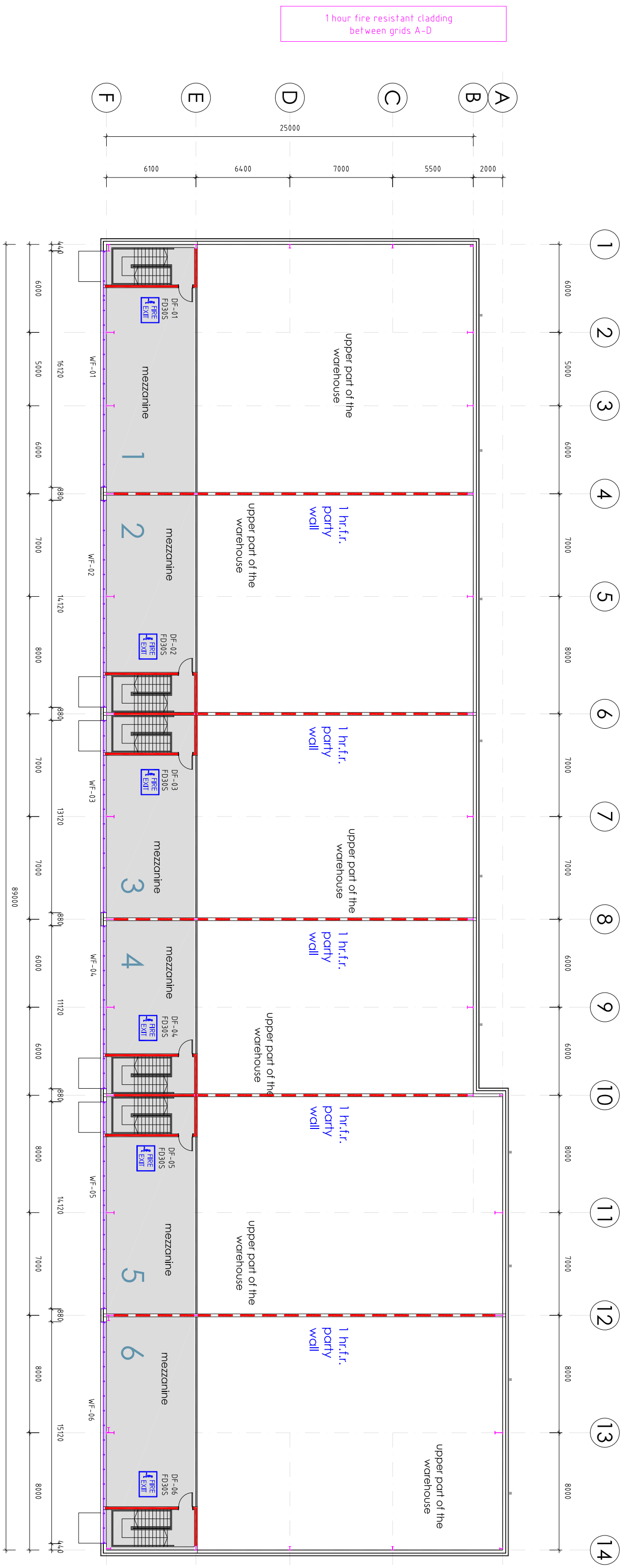
IAN C KING ASSOCIATES - ARCHITECTS
45 BUXTON DRIVE
NEWMAIDEN
SURREY KT13 3UX
Tel: 07554 633 444
Email: i.c.king@iancking.co.uk
IAN C KING ASSOCIATES - ARCHITECTS is the trading name of Garmory Ltd

Ground Floor Plan



Boundary condition between grids 1 - 14, cladding to main integrity

First Floor Plan



Denotes vertically laid insulated steel faced party wall panels

Denotes 60 minutes fire - plasterboard and stud construction