

Carlton Design General Notes

1. This drawing must not be scaled
2. This drawing is to be read in conjunction with all other project drawings.
3. Current building regulations, N.H.B.C. & Housing Association specifications.
4. All details and drawings must be read in conjunction with **INSERT NAME HERE** specification.
5. For SAP, Code F9H and Energy requirements - Please refer to SAP Assessment documentation.
6. CDP drawings to be read in conjunction with Structural Engineer engineering drawings.

Carlton Design Health & Safety Information

Specific Site Risks:

1. All brick/blockwork to be constructed from a stable platform utilising a suitable scaffold or supported mid floor.
 2. Triangular restraint frames should be utilised in areas where free standing brick/blockwork is liable to collapse under high winds.
 3. Increased risk of 2 storey fall when temporary boarding & jacks are removed from both stairwell openings when fitting staircases.
 4. First floor widenspan to be installed by specialist contractor. Joints to be checked for defects on a weekly basis and replaced where necessary.
 5. All steel work/trusses to be installed using appropriate handling equipment, using lifting cranes where necessary and in accordance with the safe system of working. Unloaded/unsupported steels to be propped and secured in accordance with engineers guidance.
- Note: The risks outlined above are in addition to the normal hazards and risks faced by a competent contractor, and are to be read in conjunction with the job specific risk assessment.

CDM/DRA



NOTABLE CRITICAL RATED HAZARD/RISK



NOTABLE HIGH RATED HAZARD/RISK



NOTABLE MODERATE RATED HAZARD/RISK

Refer to CDP site specific Architectural Designers Risk Assessment (ADRA) for further information.

Roof Notes

1. Refer to specialist truss rafter manufacturers drawings for detailed layout and bracing requirements.
2. Party wall note: Walls to be taken up to underside of roof covering and a non combustible material laid between top of wall and underside of felt, and between felt and underside of felt.
3. Where GRP chimneys/roof features span party walls, provide a fire resistant base to do achieve adequate fire protection between units. Any gaps between the base of the chimney and the top of the separating wall should be filled with a non-combustible material.
4. Where soorcel panels are used, refer to manufacturers details for design & installation.
5. Breathable membrane to roof along with 5mm continuous ventilation to ridge.
6. Civil engineer to allow min 450mm vertical setting out where also where required on site.

Structural Engineering Legend

- Denotes external movement joint
- Denotes location of Wind Post Ancon WP2 170x70x4 or equivalent
- Denotes span of PCC plank/timber joist/roof by specialist design.

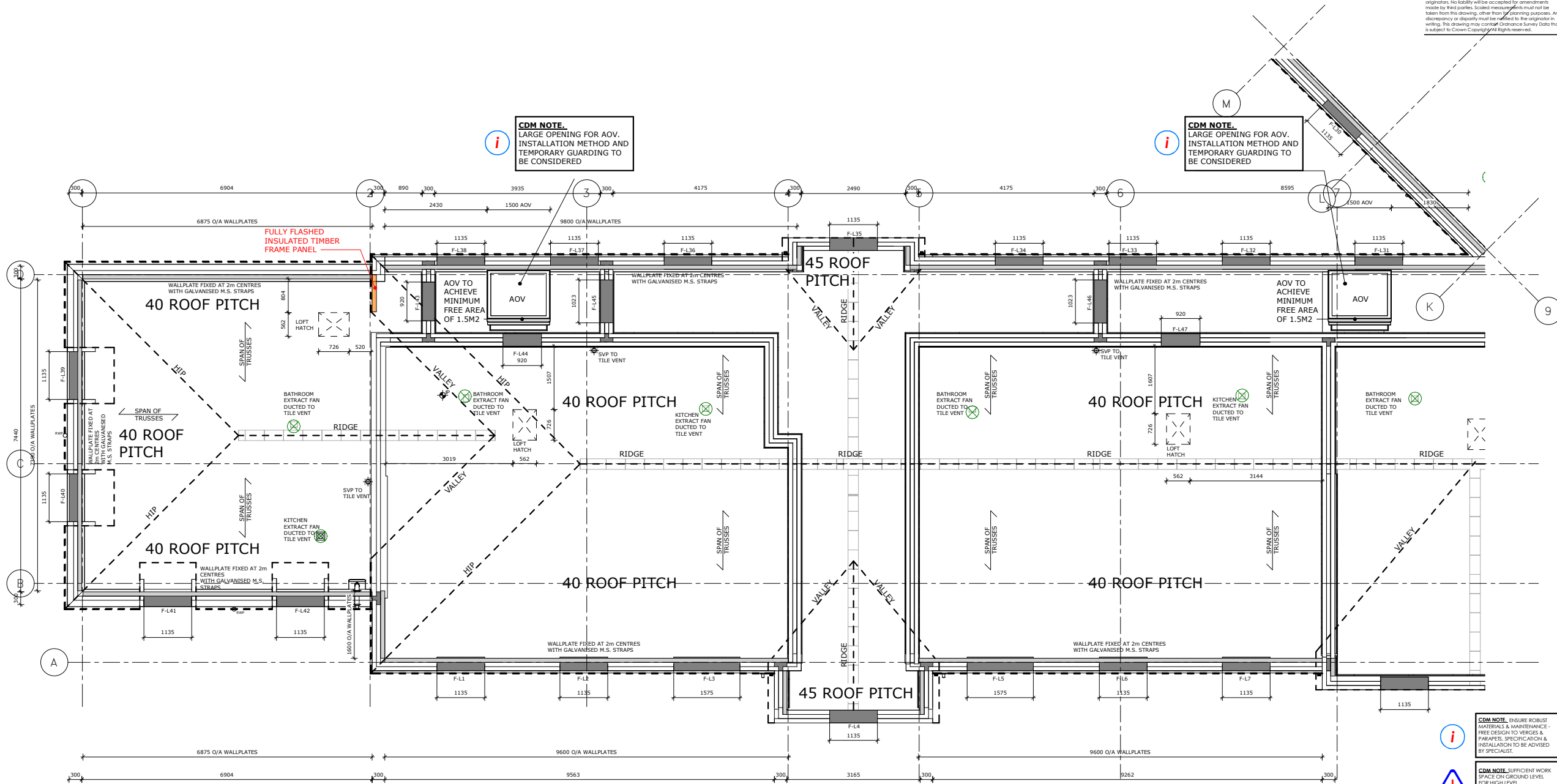
Steelwork

1. Refer to working drawing layouts for steel specifications and locations.
2. All steelwork to be finished with intumescent paint achieving 30min fire rating.
3. All steel frames to be lined/levelled/plumbed, tied to adjacent blockwork and baseplates fully grouted prior to the installation of the precast floor planks over.
4. To comply with the precast floor suppliers installation method statement site are to ensure that all steelwork is temporarily secured to supporting blockwork/prior to installation of floor planks over. All steelwork to be fabricated to execution class EXC2.
5. When steelwork is built into a Compartment/ Party Wall, ensure all voids/joints of steelwork are fire stopped to ensure minimum 60 minute fire integrity is not compromised.

Steelwork schedule

- 200x100x10 RHS with 8mm bottom plate & 6mm stiffeners at 600mm centres
- 400x250 Plate with 3No. M16 resin bolts
- Angle bolted to column/wall to support inner leaf. External Leaf requires an independent link.

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Roof Plan Sh 1

- CDM NOTE:** ENSURE ROBUST MATERIALS & MAINTENANCE FREE DESIGN TO VERGES & PARAPETS. SPECIFICATION & INSTALLATION TO BE ADVISED BY SPECIALIST.
- CDM NOTE:** SUFFICIENT WORK SPACE ON GROUND LEVEL FOR HIGH LEVEL MAINTENANCE ACCESS UNRESOLVED.
- CDM NOTE:** FALL ARREST SYSTEM TO BE DESIGNED AND INSTALLED BY SPECIALIST
- CDM NOTE:** TRUSS DESIGN AND INSTALLATION TO BE ADVISED BY SPECIALIST MANUFACTURER.

AWAITING NHBC APPROVAL
CONSTRUCTION ISSUE

Project:
Boorley Green-Gateway Centre
Botley

Drawing Title:
Retail Flat Block
Plots 1-9
Roof Plan Sheet 1 of 2

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Dwg No: B1008-CDP-VRF800-RD-D2-A-AS-0302

REV: 02