

Carlton Design General Notes

- This drawing must not be scaled.
- This drawing is to be read in conjunction with all other project drawings.
- Current building regulations, N.H.B.C. & Housing Association specifications.
- All details and drawings must be read in conjunction with **INSET NAME HERE** specification.
- For SAP, Code F94 and Energy requirements - Please refer to SAP A235308 documentation.
- CDP drawings to be read in conjunction with Structural Engineer engineering drawings.

Carlton Design Health & Safety Information

Specific Site Risks:

- All brick/blockwork to be constructed from a stable platform utilising a suitable scaffold or supported mid floor.
 - Triangular restraint frames should be utilised in areas where free standing brick/blockwork is liable to collapse under high winds.
 - Increased risk of 2 storey fall when temporary boarding & jibs are removed from both stairwell openings when fitting staircases.
 - First floor wideopen to be installed by specialist contractor. Joints to be checked for defects on a weekly basis and replaced where necessary.
 - 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 steel 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.

Section Notes

- Refer to CDP detail for detail of ramp/level standing to front door.
- Refer to CDP detail section for window head and sill details.
- Window, external door & GRP canopy styles may vary. Refer to plot schedules.
- 10mm over fascia eaves ventilator in conjunction with soffit ventilator tray equivalent to 25mm gap.
- High level ventilation (dry vented ridge system mechanically fixed) equivalent to 5mm gap, see CDP detail.
- Trussed rafters fixed to wall plates with galv M5 truss clips using 3.75x30mm long square twisted sheared nails in holes provided.
- Roof trusses to manufacturers details and calculations.
- Insulation quilt to loft, insulation to be taken down into soffits (refer to SAP specification for thickness).
- Cavity tray to be installed at joint level to run around perimeter of building and over all abutments and openings.
- All foundations detailed are for indicative purposes only. Please refer to structural engineers designs for further details.
- Beathable membrane to roof along with 5mm continuous ventilation to ridge.

Structural Engineering Legend

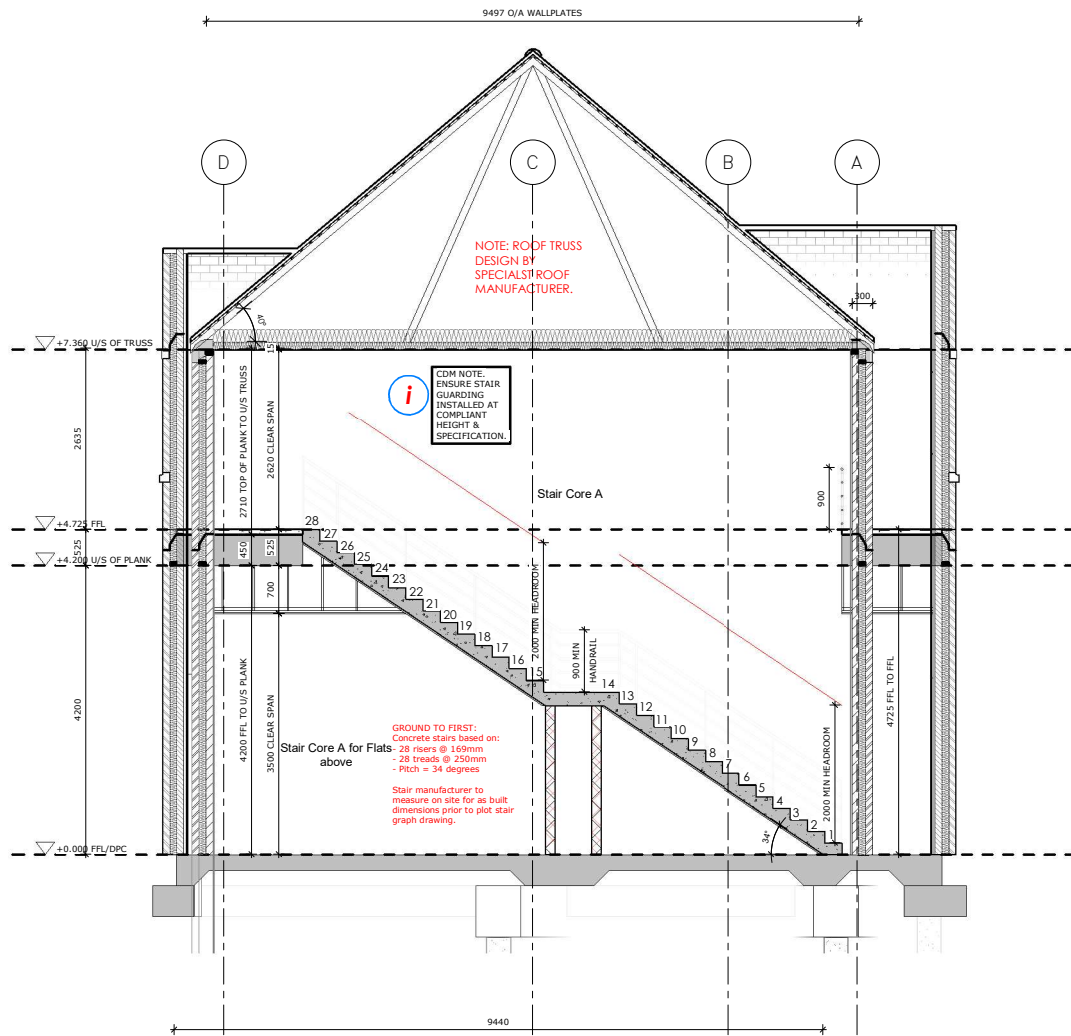
- Denotes external movement joint
- Denotes location of Wind Post Ancon WP2 170x70x4 or equivalent
- Denotes span of PCC plank/timber joist/roof by specialist design

Steelwork

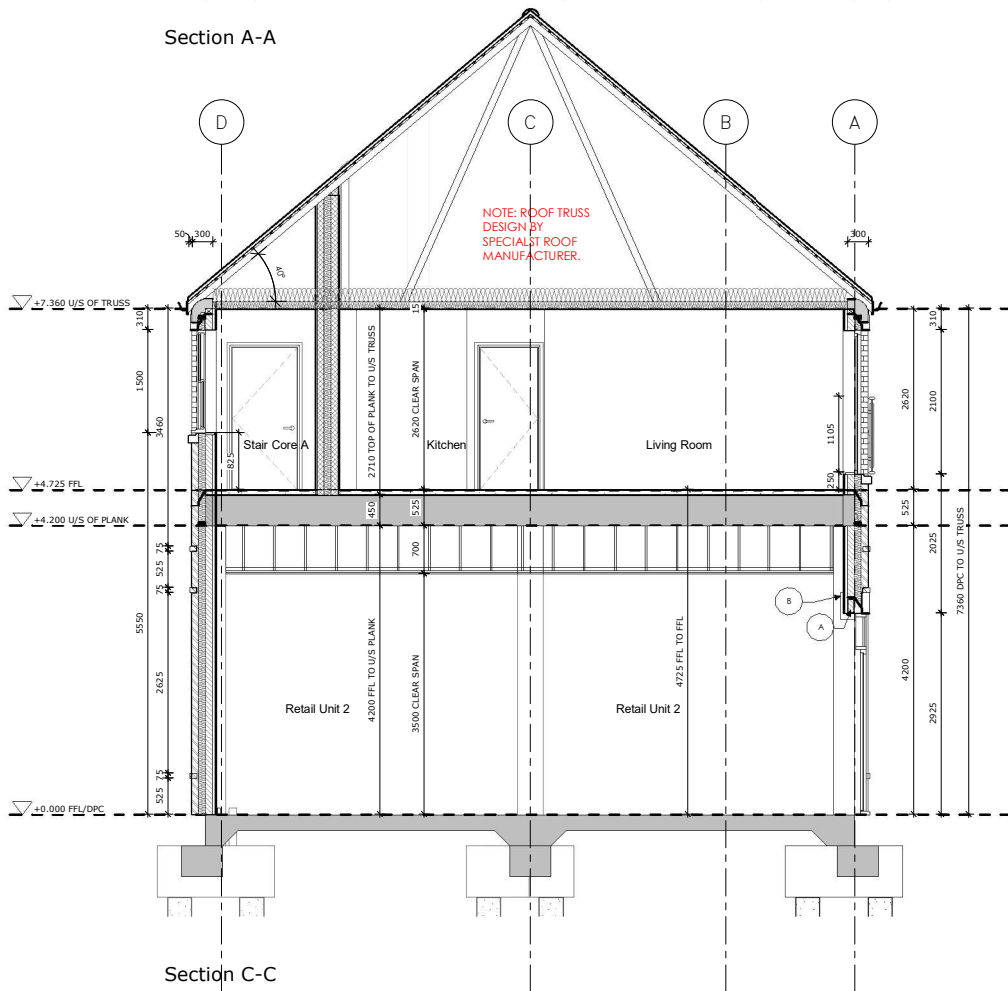
- Refer to working drawing layouts for steel specifications and locations.
- All steelwork to be finished with intumescent paint achieving 30min fire rating.
- All steel frames to be lined/levelled/plumbed, tied to adjacent blockwork and bolted/plates fully grouted prior to the installation of the precast floor planks over.
- 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.
- When steelwork is built into a Compartment/ Party Wall, ensure all voids/ends of steelwork are fire stopped to ensure minimum 60 minute fire integrity is not compromised.

Steelwork schedule

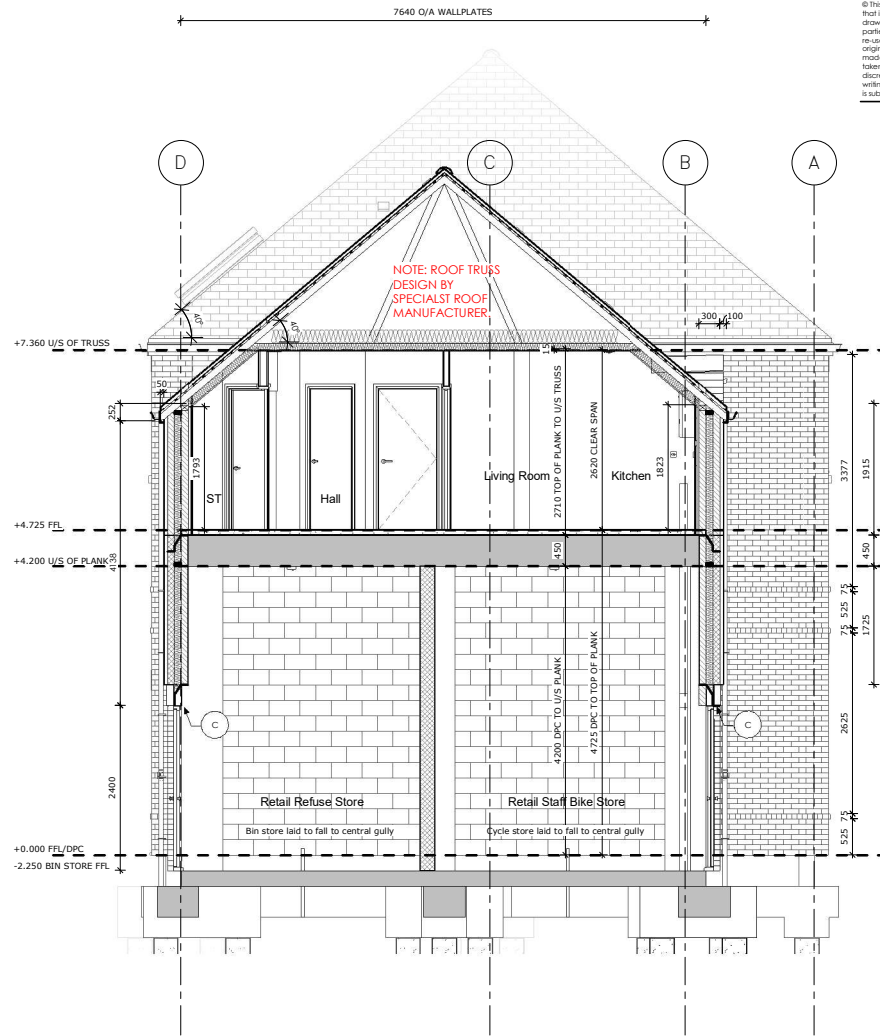
- 200x100x10 RHS with 8mm bottom plate & 8mm stiffener at 600mm centres
- 400x250 Plate with 3No. M16 resin bolts
- Angle bolted to column/wall to support inner leaf. External Leaf requires an independent lintel.



Section A-A



Section C-C



Section B-B

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- CDM NOTE:** ENSURE ROBUST MATERIALS & MAINTENANCE - FREE DESIGN TO VEHICLES & PARAPETS. SPECIFICATION & INSTALLATION TO BE ADVISED BY SPECIALIST.
- CDM NOTE:** FOUNDATION STRUCTURE BELOW GROUND LEVEL. POTENTIAL FALL FROM HEIGHT & GROUND COLLAPSE. PROTECTION MEASURES REQUIRED. STRUCTURAL DESIGN BY SPECIALIST.
- NOTE:** FOUNDATION DESIGN NOT RESOLVED. SERVICE ROUTES NOT KNOWN
- CDM NOTE:** TRUSS DESIGN AND INSTALLATION TO BE ADVISED BY SPECIALIST MANUFACTURER.

AWAITING NHBC APPROVAL
CONSTRUCTION ISSUE

Project:
Retail Flat Block
Plots 1-9

Drawing Title:
Retail Flat Block
Plots 1-9
Section A-A, B-B, C-C

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Dwg No: B1008-CDP-VRFB00-XX-D2-A-AS-0304

REV: 02