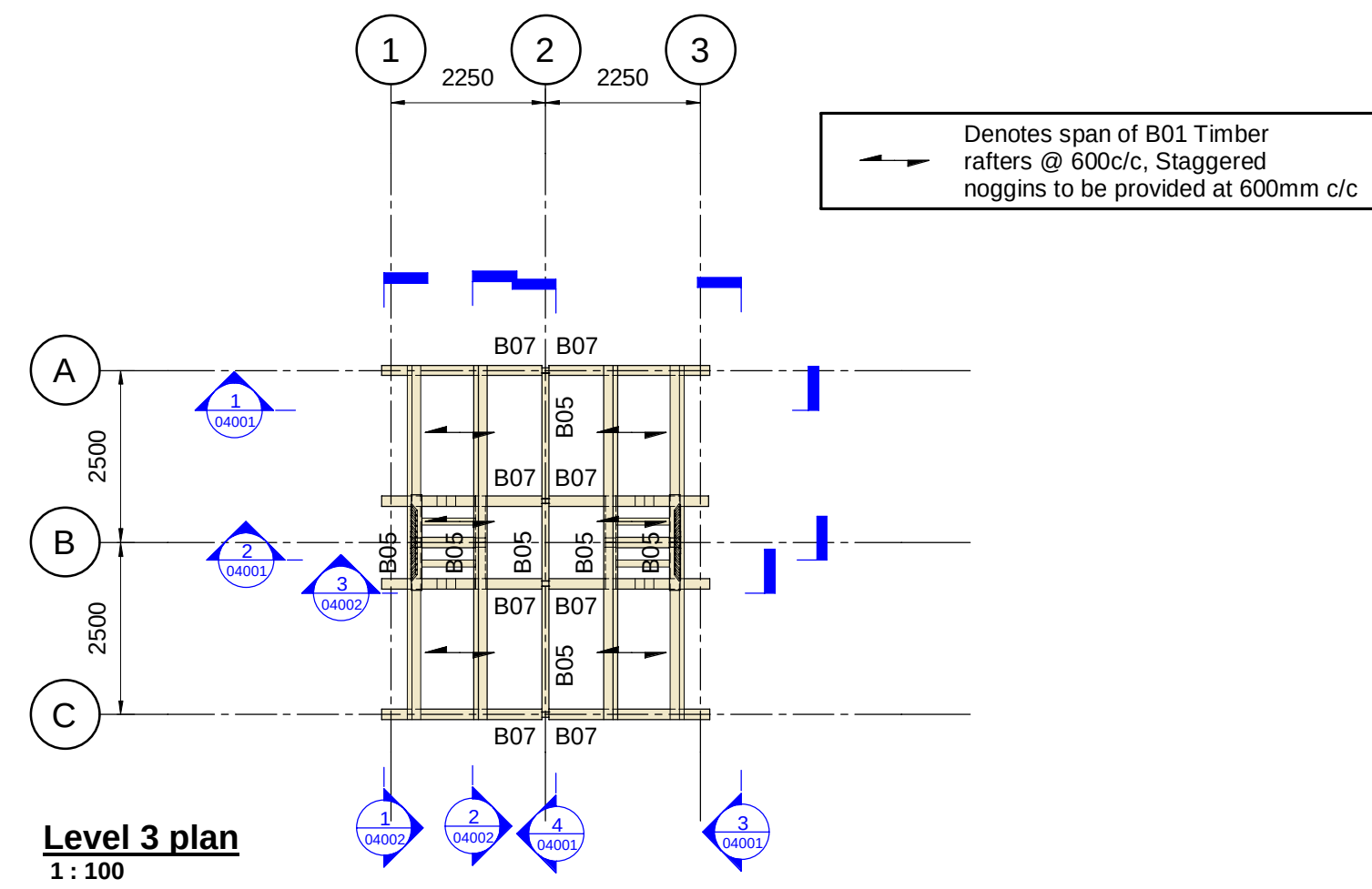
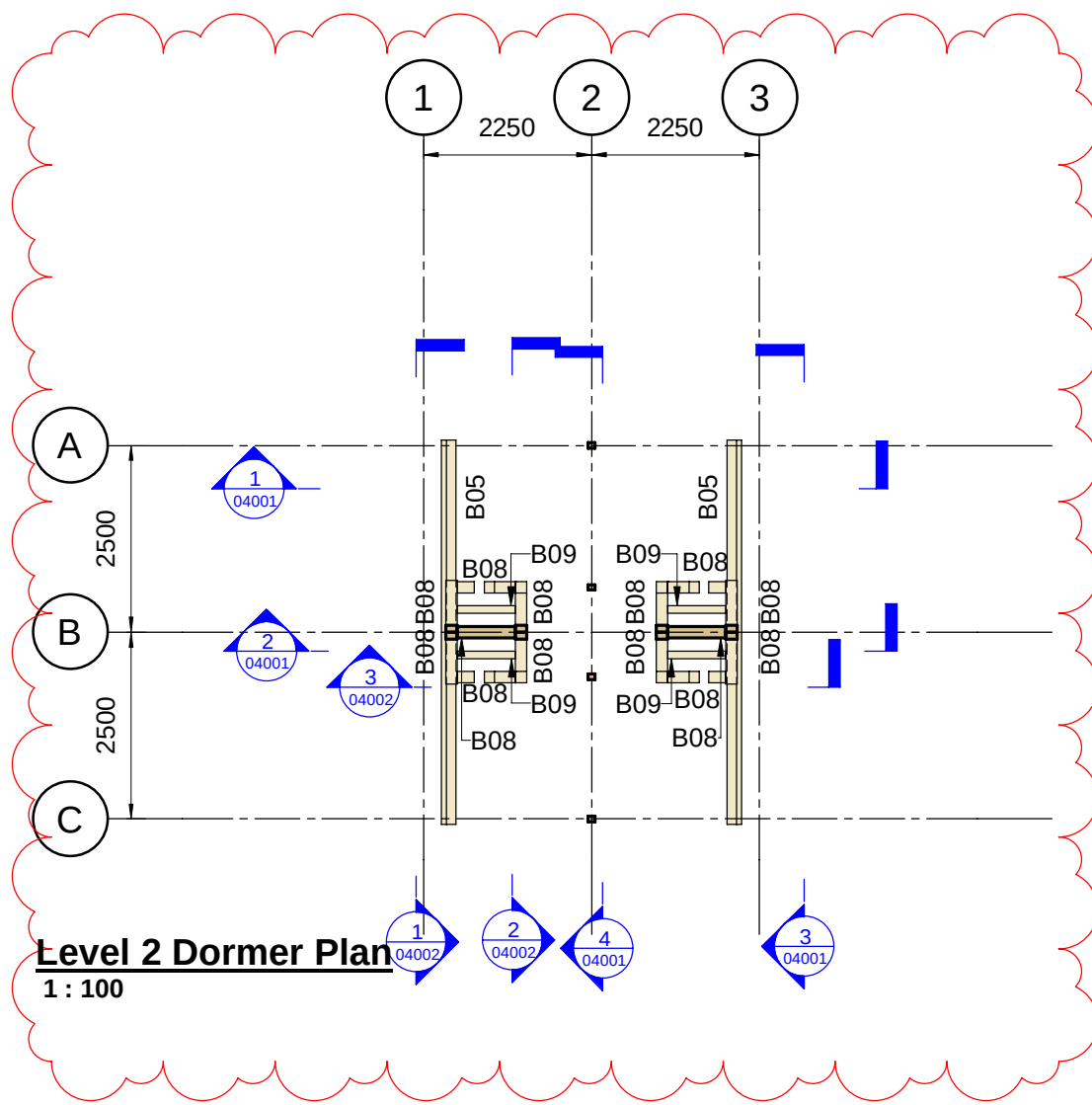
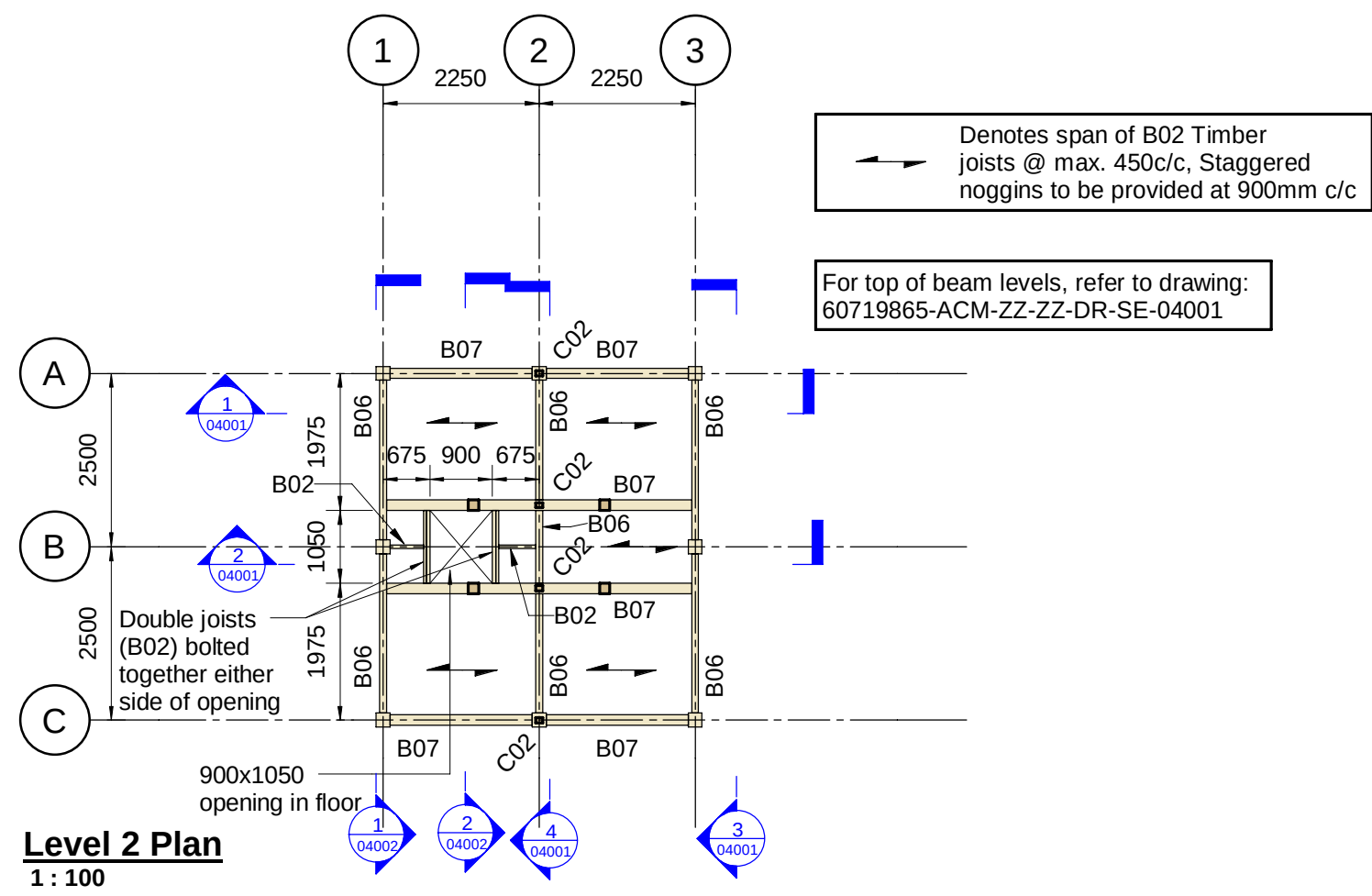
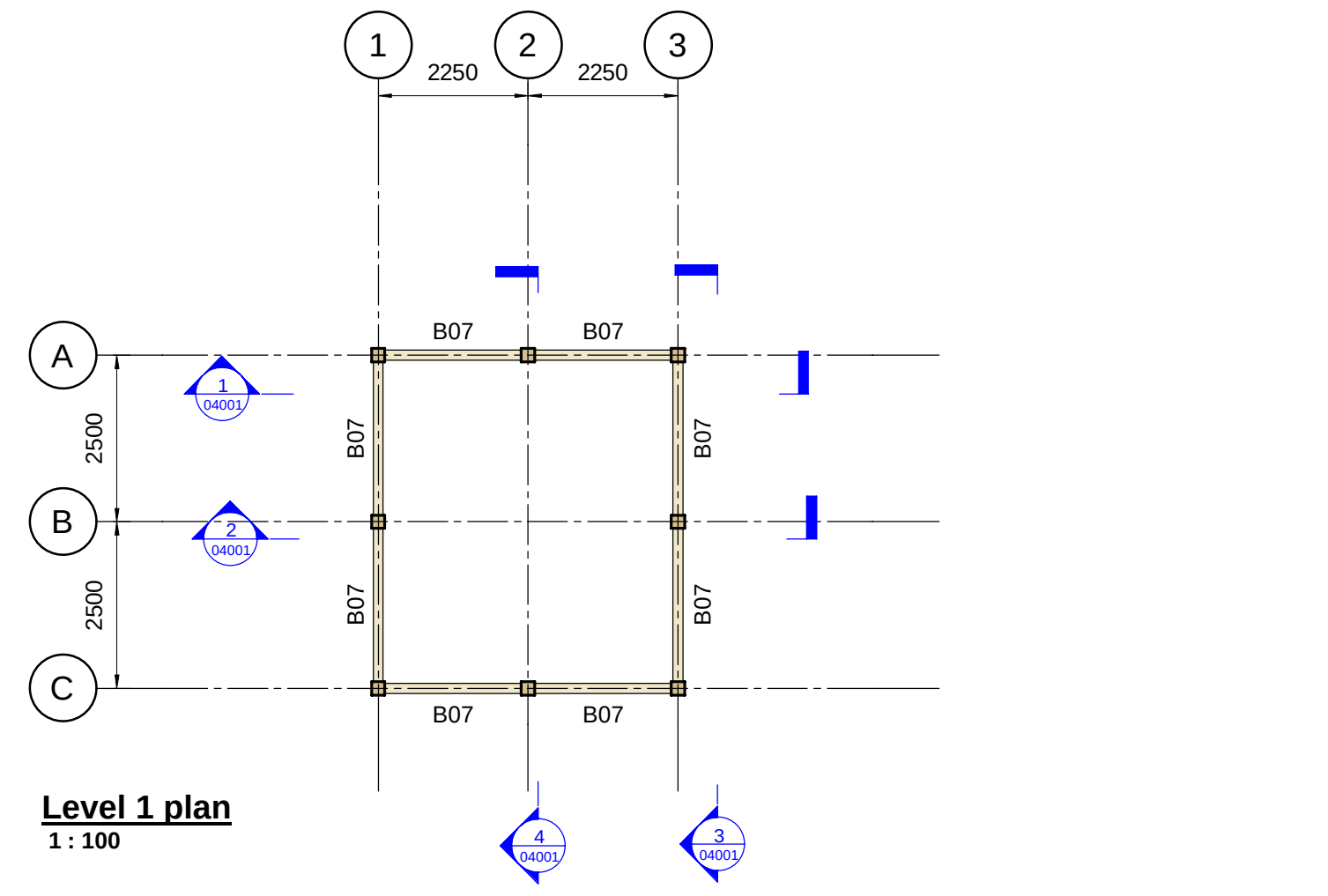
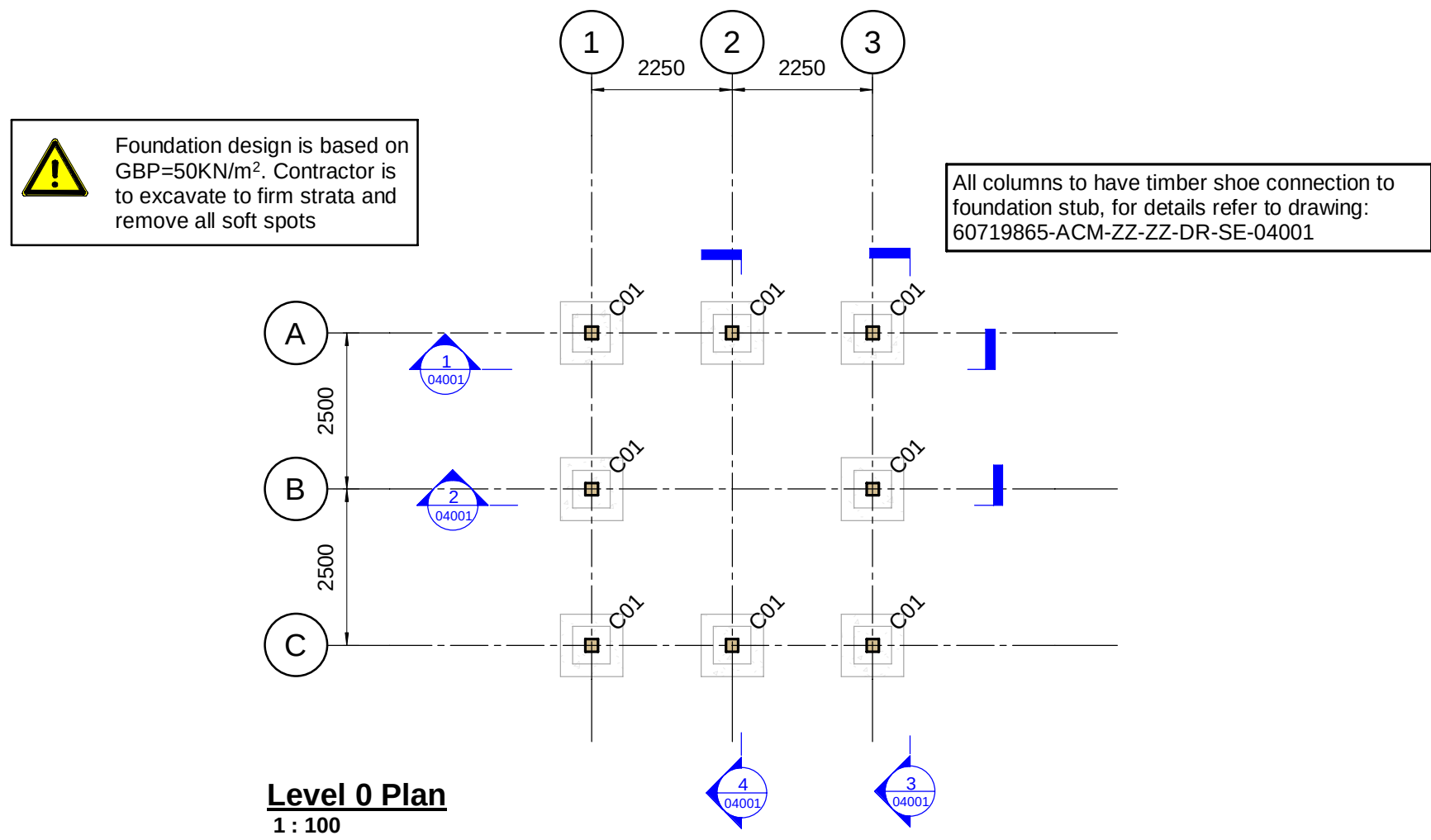
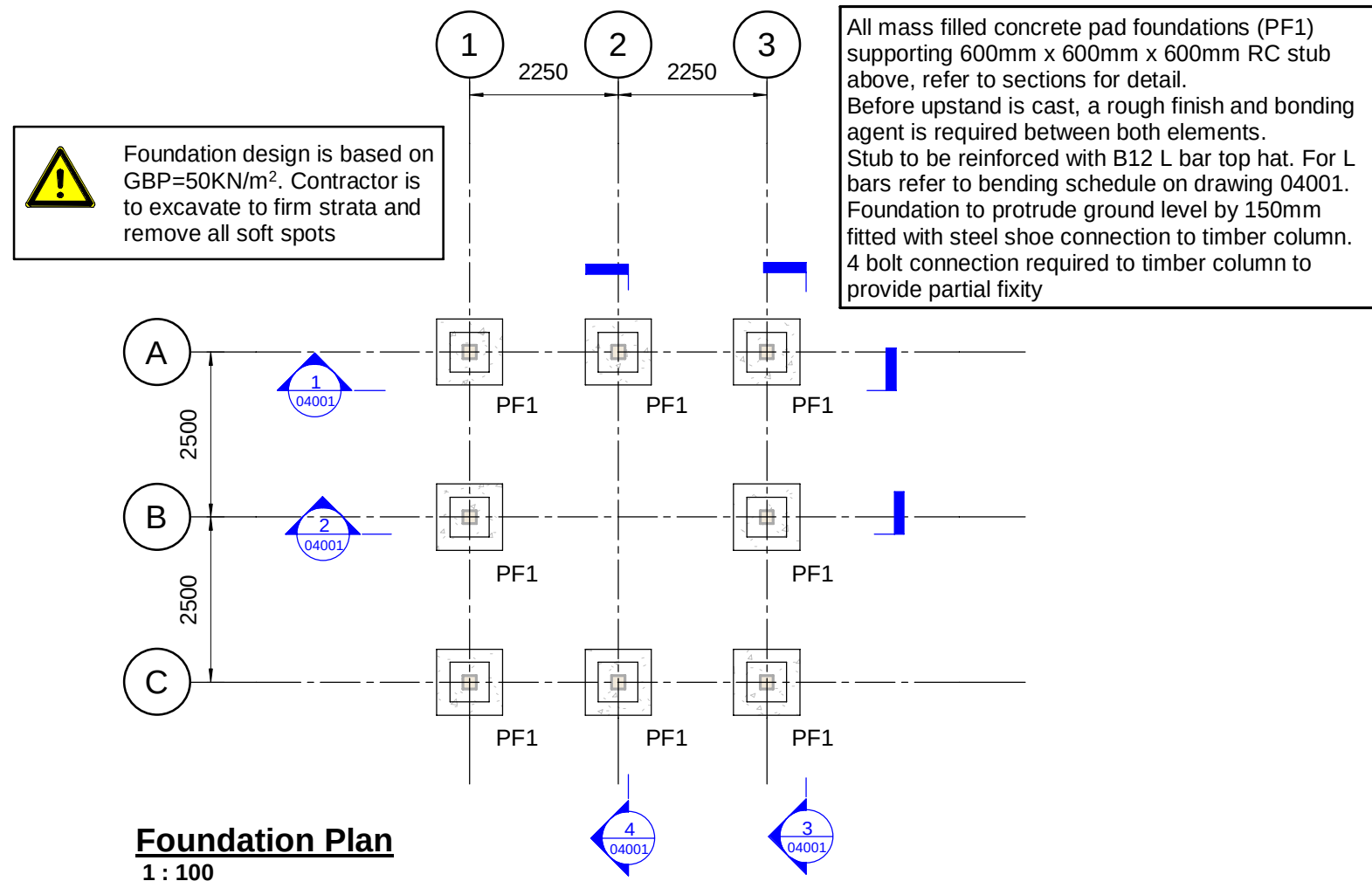


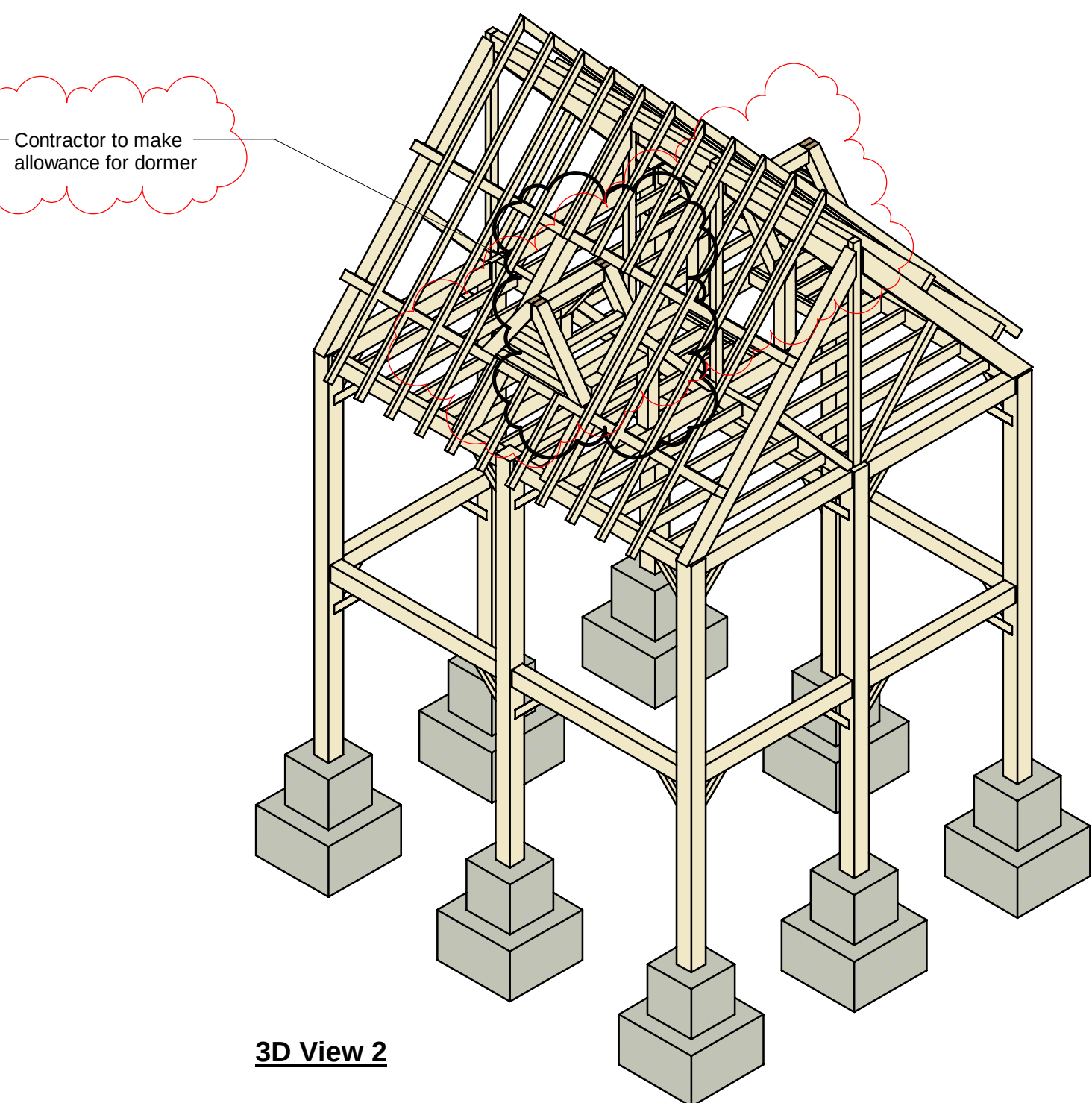
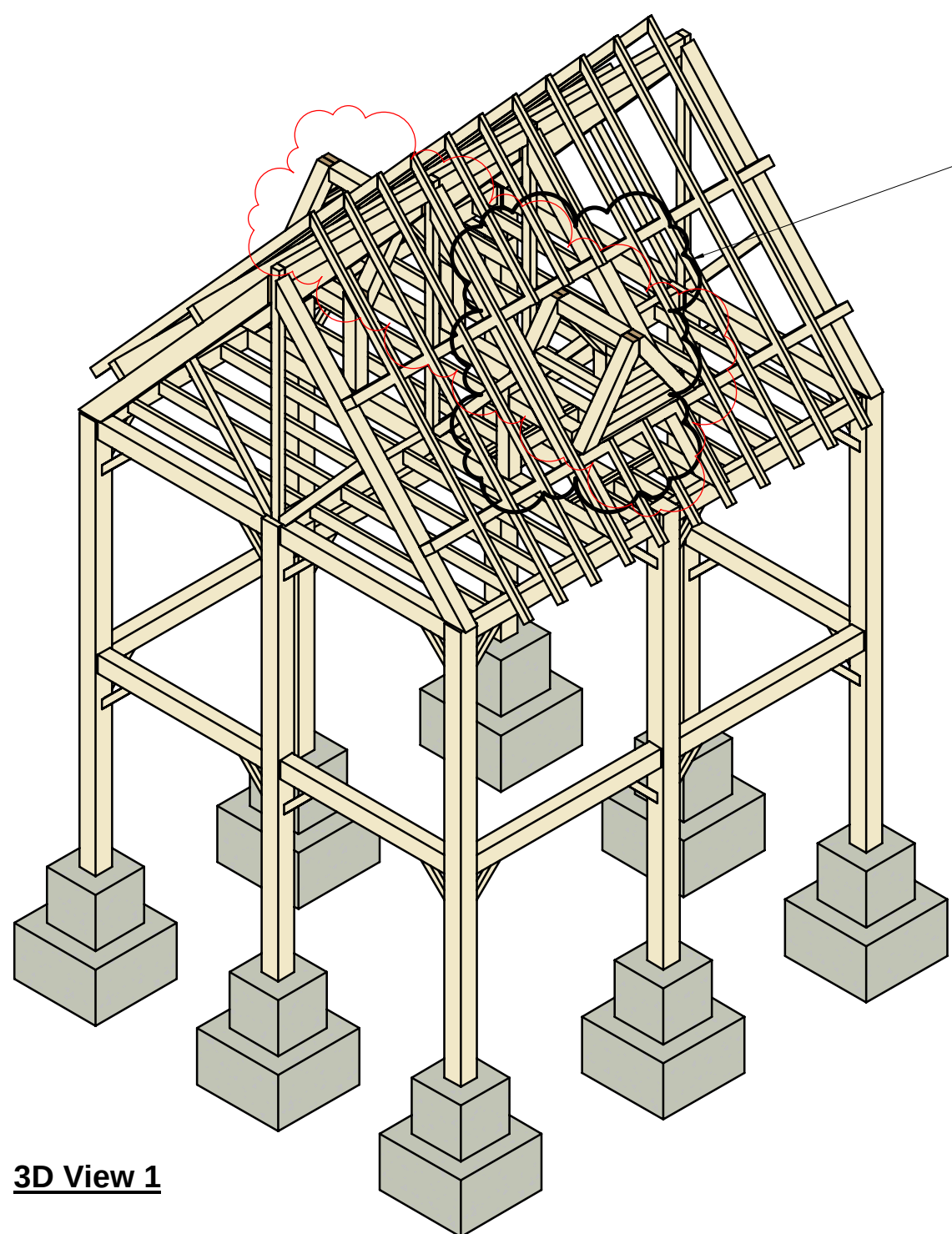


Pad Foundation Schedule			
Type Reference	Pad Length	Pad Width	Pad Thickness
PF1	1000	1000	600

Timber Column Schedule	
Column Ref	Column Size
C01	200x200
C02	75x100
C03	150x150

Timber - Beam Schedule		
Beam Ref	Beam Dimensions	
	Depth	Width
B01	100 mm	47 mm
B02	145 mm	47 mm
B03	75 mm	50 mm
B04	100 mm	75 mm
B05	175 mm	100 mm
B06	200 mm	100 mm
B07	200 mm	150 mm
B08	150 mm	150 mm
B09	100 mm	100 mm
B10	25 mm	150 mm

Connection Forces (ULS)		
Element	Axial Force (kN)	Shear Force (kN)
Rafters (B07)	5	5
Purlins (B05)	5	5
Truss Chords (B07)	5	10
Truss Diagonals (B04)	25	5
Beams Supporting Joists (B06)	5	10
Joists (B02)	5	5
Haunches (B03)	15	5
Mid-level tie beam (B07)	15	5
Column Baseplate	+45/-10	5



- Do not scale from this drawing. Work to figured dimensions only.
- This drawing is to be read in conjunction with:
 - Drawing 60719865-ACM-ZZ-ZZ-DR-SE-04001
 - Calculation Report 60719865-ACM-00-ZZ-RP-SE-00001
- All dimensions are in mm except levels which are in metres and relate to [ordnance datum].
- Any discrepancies shall be referred to the Designer before work commences.

- All timber to be Grade C24 to BS EN 338.
- All timber to be service class 3 to BS EN 1995-1-1 Table NA.2.
- All timber is to be treated with an external protector, this must be in conjunction with the list stated by Natural England for Timber Treatments for Bat Roosts.
- All concrete to be Grade C32/40.
- All concrete to be C-C-2 mix.
- Cover to rebar to be 75mm.
- Contractor to allow for:
 - Staggered noggins at 600mm centres to the roof rafters
 - Staggered noggins at 900mm centres to the floor joists.
 - Bitumen roofing felt.
 - Fibreglass insulation.
 - Slate roofing tiles and battens.
 - Timber connections to be designed by specialist Contractor
- Element sizes proposed are for costing purposes only.
- All steelwork to be fully galvanised
- Notching of Joists and Rafters not to exceed 50% of depth.

Rev.	Date	Description	SHV/WH/VB
P02	15/08/24	Dormer added and Notes updated	SHV/WH/VB
P03	04/09/24	Issued for information	SHV/WH/VB