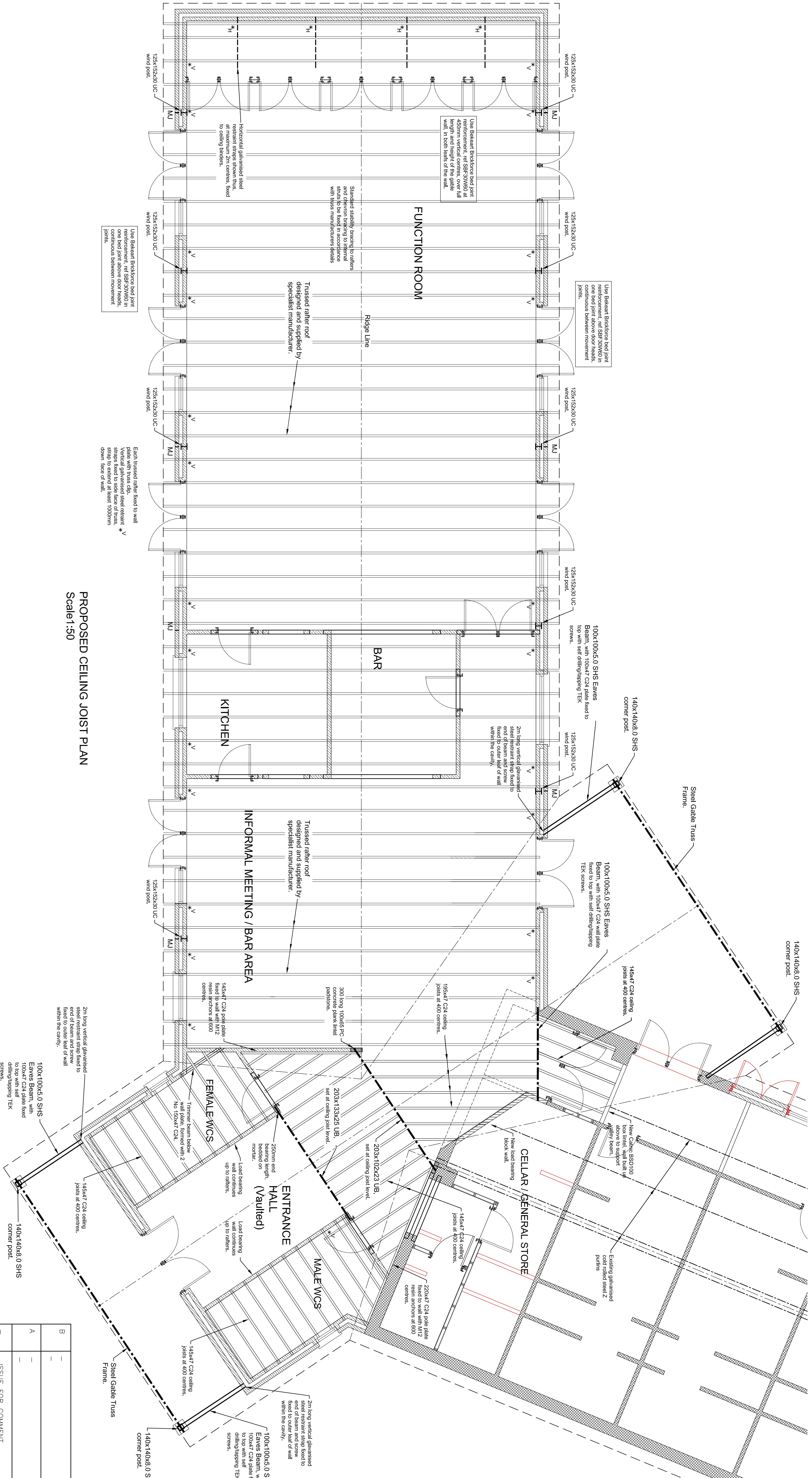
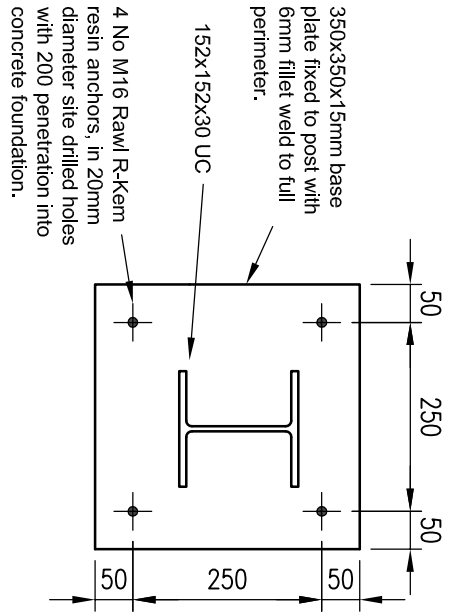




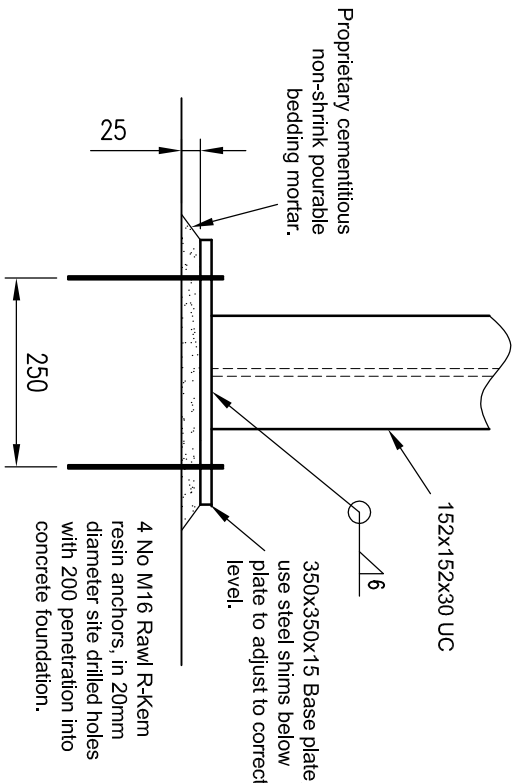
Use Bakelite Bricks for bed joint reinforcement, not SFR-30W60 in one bed joint above door heads, to avoid movement between movement joints.

Each trussed rafter fixed to wall using 100x100x5.0 SHS. Vertical glulam steel rafter straps fixed to side face of truss, strap to extend at least 1000mm down face of wall.

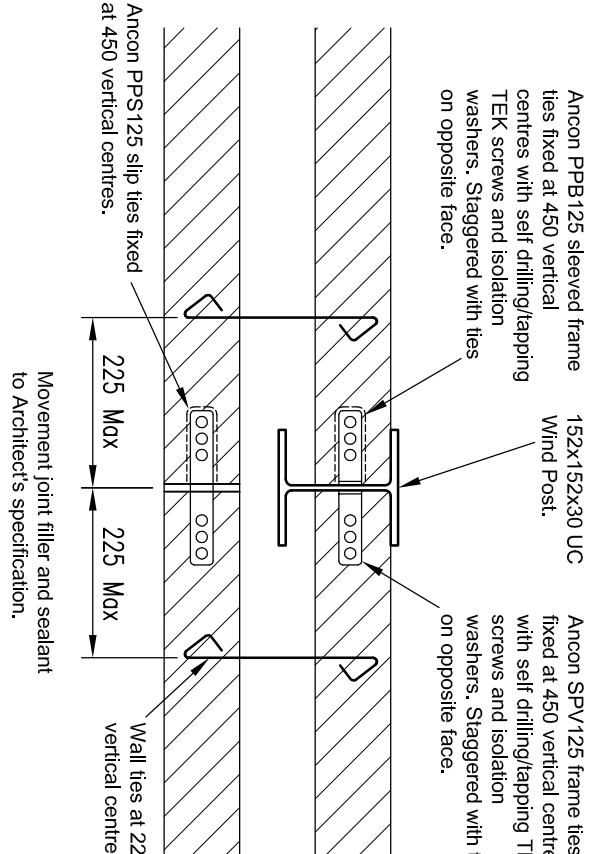
PROPOSED CEILING JOIST PLAN
Scale 1:50



BASE PLATE DETAIL
Scale 1:10



POST BASE DETAIL
Scale 1:10



TYPICAL WALL TIE DETAIL
Scale 1:10

STEELWORK NOTES

- All existing dimensions to be checked on site prior to fabrication of steelwork.
- Do not scale from this drawing work to stated dimensions only.
- Steelwork to be fabricated in accordance with BC5A National Structural Steelwork Specification for Building Construction, 5th Edition.
- CE Marking is mandatory for all fabricated steelwork in accordance with BS EN 1090-1 to meet European CE Marking Class EXC2.
- All steelwork to be to BS EN 10025 Grade S275 JR or S355 JR dependent upon thickness, unless noted otherwise.
- All bolts to be Grade 8.8.
- All steelwork to be shot blast cleaned to a minimum standard Sa 2.5. Internal steelwork is to be spray painted in the workshop with zinc phosphate epoxy primer with minimum coating thickness of 80 micron dft. External steel elements to be spray painted in the workshop with 40 microns of zinc rich epoxy primer, and 2 further 100 micron coats of high build epoxy W/O.
- The finishing coat of 80 microns of high solid aliphatic polyurethane finish can be applied on site. Top coat paint colour to Architect's specification.
- Steelwork in cavity walls to be painted with 2 coats of primer and 2 coats of finish paint to Architect's specification.
- Steelwork below DPC to be surrounded in concrete.

STRUCTURAL
ARRANGEMENTS
PLAN AT CEILING LEVEL

Sand Engineering Consultants
Beggs, Roost, Wadmore
Somerset BS28 4XF
Tel: 01934 712427
david@sandengineering.co.uk
www.sandengineering.co.uk

SCALE	AS SHOWN	@ A1	DRAWN	KMB	AUG 19
CHECKED			DCB		AUG 19
APPROVED					

REF.	REVISIONS	DATE
------	-----------	------

—	ISSUE FOR COMMENT	22/08/19
---	-------------------	----------